

Supplementary Online Content

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Supplement 2. eAppendix

This supplementary material has been provided by the authors to give readers additional information about their work.

SNPs included in the PRS	Allele counted	log OR
rs1752684	A	0.1541
rs1410397	C	0.0766
rs4147104	A	0.0774
rs148031031	T	0.3296
rs74336880	G	-0.1518
rs58817628	G	-0.0707
rs77709072	G	0.3375
rs12076311	A	0.0694
rs12065199	G	0.2124
rs11807823	G	0.127
rs2297912	C	-0.0802
rs16849237	A	0.1852
rs75121373	T	0.1372
rs6668320	G	0.074
rs78664461	G	-0.2917
rs6686745	T	-0.1357
rs2036701	T	0.0872
rs3122605	G	0.0932
rs12752996	G	-0.1586
rs41304251	T	-0.3263
rs12032765	C	-0.21
rs12067173	T	0.0823
rs9426209	C	0.0667
rs12410656	T	-0.2287
rs12045149	T	-0.0888
rs4657763	C	0.087
rs61820480	C	-0.2689
rs522395	T	0.1045
rs115303709	T	0.2823
rs1571756	A	0.0889
rs1776161	A	0.072
rs11569869	A	-0.3127
rs17128018	G	0.2451
rs6689604	G	-0.0611
rs583315	C	0.0642
rs2182913	A	0.0632
rs1192404	G	-0.0832
rs10803021	C	-0.0869
rs4314882	T	0.245
rs72767412	C	-0.0919
rs61773269	A	-0.2197
rs12138629	A	0.0894
rs17503335	A	0.0612
rs10900422	A	0.2454
rs2271017	T	-0.2023
rs6673042	G	0.074
rs80107522	C	0.0792

rs61779834	T	0.0797
rs621662	C	-0.0732
rs2123079	G	0.2517
rs138440611	C	0.1586
rs4149991	G	0.1033
rs142968483	T	-0.2198
rs72687503	G	0.2843
rs2641342	A	-0.0751
rs6587723	C	0.0746
rs115484269	C	-0.1478
rs10921647	A	0.0634
rs10914282	A	0.0833
rs7525640	T	0.0713
rs12070913	T	0.1017
rs1229119	T	0.0592
rs4587570	A	0.0674
rs78356043	G	0.3166
rs7543190	A	-0.0925
rs112771478	C	0.2428
rs17742222	A	-0.064
rs149640240	G	0.3763
rs116753268	A	-0.4021
rs72753659	T	0.1267
rs57802972	C	0.1339
rs11585614	C	-0.0633
rs76346754	T	0.0725
rs12069997	G	0.1174
rs976189	A	-0.0616
rs16843725	T	0.1406
rs7535494	G	0.0642
rs76197787	T	0.3776
rs1149054	T	-0.0848
rs12122364	G	0.1745
rs12088244	A	0.0759
rs6428949	T	0.231
rs79795868	C	-0.0682
rs1144566	T	0.1788
rs12043746	A	-0.0702
rs35123100	A	0.1391
rs525357	T	0.0868
rs12066052	A	0.0786
rs4457559	T	0.1464
rs145012408	C	0.1587
rs712066	T	-0.0715
rs1431985	A	0.0547
rs12087095	A	0.1396
rs10911935	T	0.0671

rs7535510	T	-0.0623
rs9117	G	-0.0961
rs28551666	A	-0.0785
rs74226815	G	0.0893
rs705271	C	-0.1133
rs3813647	A	-0.0682
rs947638	T	-0.0703
rs3001999	G	0.1382
rs11803017	T	-0.2339
rs115791883	T	0.1847
rs78363635	C	0.1434
rs78640525	A	-0.2258
rs1444445	C	-0.0527
rs2383565	A	-0.6551
rs2310752	A	-0.0547
rs79134063	A	-0.2815
rs79666971	G	0.1919
rs11185345	C	-0.0538
rs114475452	A	-0.2388
rs59664819	A	0.2253
rs61821306	T	0.1621
rs116348914	T	0.2937
rs6688105	C	0.0587
rs1288625	G	0.0655
rs2643901	T	0.0922
rs78392693	G	-0.2556
rs149241086	G	-0.2476
rs34350916	C	-0.1026
rs6684589	C	-0.0753
rs12405138	T	0.0774
rs4949301	T	0.1409
rs1328310	C	-0.0759
rs112929677	A	0.1859
rs12137076	G	-0.0605
rs7550829	T	0.0876
rs2338972	C	0.0516
rs141116475	C	-0.1865
rs114852786	C	-0.2626
rs650676	C	-0.0571
rs1759499	G	0.056
rs112053331	C	0.3206
rs2236808	T	0.0839
rs980640	C	-0.0928
rs2182107	T	0.0952
rs480820	C	-0.0512
rs10914632	A	-0.1169
rs61768415	C	0.2697

rs10754853	C	0.0582
rs1568485	C	-0.0634
rs11804045	A	-0.086
rs12030383	C	-0.1893
rs55738811	T	0.2504
rs1418191	C	-0.0821
rs41311158	G	0.2601
rs2759669	G	-0.0701
rs203798	A	0.0862
rs12134217	T	0.1478
rs10494890	G	0.0589
rs55691432	C	0.1289
rs17484960	A	-0.0513
rs4142491	G	0.0569
rs1635516	T	-0.0577
rs56199562	T	0.153
rs35089045	C	0.1481
rs61850225	G	0.0931
rs12077464	C	0.1499
rs10924459	C	-0.0924
rs10918859	A	-0.0657
rs115513802	C	0.2286
rs6701121	T	0.2309
rs11585607	G	-0.1154
rs61833281	C	0.1477
rs10925978	G	-0.1348
rs61768717	A	-0.2306
rs1170919	A	-0.0545
rs2816845	T	0.0601
rs783037	T	0.1096
rs9628986	T	-0.0734
rs11588551	T	0.0511
rs61837146	G	-0.0954
rs2296223	A	-0.1126
rs150986713	T	0.3396
rs76716335	T	-0.2516
rs8676	G	0.0518
rs2491437	T	0.0674
rs114014436	A	0.266
rs1218664	C	-0.0509
rs11809207	A	-0.0625
rs4912082	C	0.0553
rs142730860	T	0.2806
rs74793582	T	-0.2875
rs28716020	T	-0.1348
rs74540749	C	0.097
rs17530804	A	-0.1069

rs12143775	A	0.1263
rs17013227	T	0.1218
rs6665928	G	0.1104
rs111233893	C	0.1754
rs114289594	A	0.2542
rs2994326	T	0.067
rs4332358	T	0.0591
rs787716	A	-0.0699
rs2132303	T	0.0704
rs12134558	G	0.1352
rs6429215	C	-0.0585
rs12128502	A	0.0992
rs35677013	T	0.1703
rs11582184	T	-0.0551
rs114898689	T	0.164
rs147549661	A	0.2325
rs11165063	G	0.0729
rs1043964	C	0.1931
rs12401435	C	0.1088
rs16856487	G	-0.0608
rs12723237	C	0.0867
rs2780944	T	-0.0569
rs2040041	T	0.058
rs146976795	T	0.1037
rs17606040	G	0.0841
rs12117349	C	-0.1212
rs10746436	C	0.0695
rs12038151	C	-0.1098
rs12035356	C	0.2604
rs4650222	G	-0.0664
rs74142895	T	0.1449
rs6667494	G	-0.0584
rs12726441	G	-0.0504
rs12028587	G	-0.0623
rs77038884	A	0.1128
rs4351623	T	0.054
rs74048017	C	-0.0874
rs1472713	C	0.0613
rs12403461	G	0.0742
rs34627032	A	0.1091
rs2185159	C	0.2001
rs78803721	G	0.1512
rs4659431	A	0.0641
rs1011879	T	-0.0518
rs2255438	A	0.0515
rs2649079	A	-0.0566
rs7526152	C	-0.0842

rs112539820	A	0.2527
rs7555047	A	-0.198
rs2025580	A	0.1046
rs57540864	T	0.3288
rs3001219	G	-0.0529
rs4653595	T	0.0568
rs72719882	T	0.0683
rs2802842	G	0.0492
rs115541635	C	-0.1461
rs118188024	T	0.2446
rs11211623	A	0.0553
rs12240059	A	-0.2906
rs12743954	C	0.1162
rs12086664	G	0.1179
rs2842202	G	0.0848
rs7524318	G	-0.106
rs11265218	C	-0.0703
rs79479034	A	0.1738
rs11588775	A	0.0738
rs61835564	A	-0.1424
rs115195733	G	0.2053
rs146773183	T	0.0755
rs72640753	T	-0.1188
rs11209203	C	0.1997
rs79677537	A	0.1988
rs9433778	T	0.078
rs4659923	C	0.0506
rs2819762	T	0.0524
rs2821561	A	-0.0489
rs7518563	A	-0.0535
rs9428007	A	0.0608
rs2117159	C	0.0485
rs114073362	A	-0.425
rs57822295	T	0.1421
rs10518338	A	-0.0894
rs11801074	C	-0.1649
rs12734448	C	-0.0562
rs80232791	T	0.1422
rs10925607	G	0.2649
rs7417523	A	0.1084
rs17408784	C	0.1686
rs12135202	A	0.1624
rs11210306	G	-0.0617
rs12239620	A	-0.0757
rs115430437	T	0.1734
rs7516288	A	-0.0538
rs114250833	G	-0.3312

rs4598443	T	0.2149
rs12407980	G	0.0488
rs2478516	C	-0.0679
rs789367	G	0.0511
rs114923359	A	-0.2176
rs77295312	A	0.2221
rs11240594	A	-0.064
rs116134909	C	0.4711
rs560779	G	0.0877
rs112114268	A	0.081
rs213024	C	-0.048
rs139982135	C	0.1333
rs12135322	C	-0.0528
rs114009540	A	0.2365
rs151146376	G	0.1787
rs78786795	T	-0.1883
rs12751922	G	0.0699
rs532807	A	0.0748
rs4233366	T	-0.0556
rs12759169	A	0.0564
rs111476185	A	-0.3649
rs12404723	G	-0.0841
rs11102502	T	-0.05
rs75638049	T	-0.1207
rs6675211	C	-0.0523
rs74422835	T	0.2019
rs79947927	C	-0.2477
rs75210058	A	-0.1922
rs80269248	G	-0.0575
rs3795737	C	-0.1054
rs2186018	G	0.1903
rs74399656	T	-0.0729
rs59295814	T	-0.2082
rs2152981	C	0.0532
rs12022839	A	-0.0475
rs76169930	G	0.2867
rs149746333	A	-0.4032
rs3817268	T	0.0737
rs72722820	A	0.4104
rs6687924	A	0.0998
rs76395463	A	-0.2894
rs2404849	T	-0.0931
rs146822750	T	0.241
rs10919246	G	0.0495
rs7519456	G	0.0534
rs79518294	T	-0.1031
rs36081001	A	0.0704

rs77612895	T	-0.1016
rs34545274	A	-0.0775
rs1128750	A	-0.1163
rs858486	A	0.0475
rs141698843	T	0.3307
rs847734	T	-0.0579
rs75844775	G	-0.1968
rs6686454	A	-0.1145
rs12059812	T	0.2417
rs35252714	T	-0.1271
rs6672068	T	0.0791
rs142455546	G	0.1912
rs2247213	A	-0.049
rs3895089	C	-0.0623
rs1984492	G	-0.0553
rs1336791	C	-0.0629
rs797906	A	0.0482
rs655296	C	-0.0515
rs56004362	A	0.0916
rs112420812	T	-0.0702
rs11121265	C	0.0895
rs4568816	G	0.0666
rs12044611	C	0.1017
rs731756	A	0.0775
rs12733649	C	0.0907
rs78078866	T	0.1952
rs10067	C	0.0853
rs77940542	G	0.2319
rs1160222	A	0.2631
rs113831359	C	0.2289
rs144439986	A	-0.0533
rs12077607	C	0.074
rs7540136	A	-0.1848
rs7548227	C	-0.0516
rs699529	A	-0.0468
rs72708792	C	0.2402
rs17875978	A	-0.0706
rs74638211	C	0.2225
rs2656095	T	-0.051
rs6429046	T	-0.0757
rs315063	T	0.0746
rs2159498	C	0.0477
rs114412074	A	-0.1603
rs72683270	T	0.2376
rs12748412	T	0.1839
rs4523491	A	-0.0759
rs11577685	T	-0.0611

rs497687	A	-0.088
rs12567903	A	-0.0867
rs1194279	A	0.1617
rs12037989	A	0.0837
rs80166757	T	0.307
rs77074059	T	-0.1041
rs339567	C	-0.0567
rs11584467	A	-0.1252
rs7546225	T	-0.052
rs147471990	T	-0.2044
rs79473113	A	-0.2355
rs41303059	A	-0.0898
rs3790665	C	-0.0503
rs57045219	T	-0.0643
rs2282193	C	0.0635
rs115159510	A	-0.2476
rs834997	G	-0.0506
rs72909243	A	0.1509
rs61796506	C	-0.1136
rs76344817	G	-0.1187
rs10873770	C	0.053
rs2229297	T	-0.402
rs72703856	A	0.0503
rs12076787	A	-0.0979
rs2842034	A	-0.2096
rs116346487	T	0.4238
rs76344070	A	0.3055
rs79682748	G	0.2286
rs12043482	C	-0.0564
rs61822564	G	-0.0814
rs2744797	T	0.0818
rs80248574	T	0.2283
rs56258814	G	-0.0465
rs4920615	T	-0.0454
rs637466	C	-0.0829
rs212532	C	0.0455
rs74997792	C	0.3975
rs7539025	G	-0.0752
rs2179882	A	-0.0673
rs114366509	T	-0.2065
rs75901627	A	0.1165
rs6674005	T	0.0562
rs12079227	A	0.2573
rs17372321	G	0.1506
rs11117584	T	-0.0553
rs10864382	C	-0.0496
rs7519509	C	-0.0469

rs2168769	G	0.0593
rs17397422	C	-0.1137
rs16824833	C	0.0713
rs75955851	C	-0.3278
rs4661262	C	0.2173
rs1882024	A	0.0643
rs11578268	T	-0.2272
rs114464102	C	-0.2444
rs55689297	C	0.0771
rs2297184	C	-0.0484
rs67757470	C	0.112
rs151010082	T	0.2542
rs80340005	T	-0.1358
rs10925389	C	-0.0554
rs321586	C	-0.0501
rs115292367	C	-0.1686
rs277676	G	-0.0458
rs9725346	G	0.0474
rs12137489	C	-0.1775
rs10888678	A	-0.0878
rs4970957	G	-0.0603
rs112656571	G	-0.3113
rs12728636	C	-0.1076
rs12088554	C	0.1906
rs138721883	T	0.3184
rs2146315	T	0.0549
rs142889113	A	-0.3571
rs11809953	G	-0.0442
rs597669	G	0.0761
rs12087956	C	0.0951
rs75195152	T	0.1844
rs79542482	T	0.3168
rs1181870	A	-0.0562
rs2983157	G	0.102
rs2809823	C	0.0451
rs74577299	C	-0.1471
rs3860292	C	-0.0569
rs197605	G	-0.0459
rs56919372	G	0.1231
rs12047613	A	-0.0601
rs56056346	T	0.0528
rs114895449	T	0.0817
rs41315868	G	0.1227
rs7546428	C	-0.0655
rs9425586	T	0.0604
rs147644868	G	0.1679
rs79284691	A	0.3378

rs114592264	T	-0.1517
rs72682531	T	0.122
rs1934213	G	-0.046
rs9429531	A	-0.0724
rs140487239	A	-0.2502
rs73135296	G	0.3173
rs17417486	G	-0.0689
rs34383011	A	-0.2944
rs34032398	G	0.186
rs4526562	A	-0.0624
rs6695068	A	0.1725
rs2134845	A	0.0496
rs61829202	A	-0.1118
rs12047612	G	-0.0881
rs74116845	T	0.1355
rs57794103	G	-0.1093
rs157872	C	-0.0465
rs78899393	A	-0.1617
rs80295511	T	0.2421
rs72922908	T	-0.0681
rs12239891	T	0.054
rs111314109	A	0.2582
rs35232728	C	0.1045
rs12037966	G	0.0941
rs7525200	C	0.1904
rs1476606	T	0.0758
rs111363595	T	-0.227
rs78729418	T	0.2235
rs67730681	T	-0.0893
rs4598478	G	0.1557
rs2821127	G	-0.0503
rs114692790	T	-0.1716
rs72641154	A	0.0579
rs111430274	C	0.3722
rs7514644	G	0.0452
rs77936804	T	-0.1912
rs284288	C	0.0514
rs12749485	C	0.28
rs10732997	G	0.0436
rs61815035	G	-0.0487
rs4557997	C	-0.0576
rs76297549	A	-0.3517
rs60976597	C	0.0992
rs3891816	G	0.0948
rs12737612	A	-0.0838
rs78357037	T	0.1438
rs147478070	A	0.1251

rs78131560	C	0.1235
rs35044371	C	-0.0569
rs2268554	T	0.0712
rs72898937	A	-0.076
rs12078121	G	0.1497
rs10927452	C	-0.0685
rs112645274	T	0.1893
rs17163111	T	0.0707
rs72667718	A	0.1293
rs142633483	A	0.2435
rs11805932	A	0.092
rs148846166	G	0.1994
rs3748630	G	0.0918
rs150744952	G	0.2573
rs17397639	G	0.306
rs3737666	T	0.3291
rs1146284	G	0.1185
rs1213643	C	-0.053
rs79889387	G	-0.1675
rs12402993	A	-0.049
rs10916022	A	0.0449
rs11804863	T	0.1561
rs710826	C	-0.0656
rs59618064	T	-0.1412
rs2039818	T	0.2121
rs4655452	T	-0.1059
rs148293164	G	0.0725
rs1067221	A	0.0508
rs10909892	A	-0.1364
rs7547636	C	0.1932
rs10494066	G	0.0519
rs576151	A	-0.0437
rs17701179	G	-0.0925
rs2898917	T	-0.0846
rs16828105	C	-0.0828
rs114025284	G	-0.2746
rs56131616	C	0.2479
rs6702854	G	0.0446
rs10926620	T	-0.0903
rs143721905	G	0.2069
rs4650107	C	0.0445
rs146848169	G	-0.1835
rs6668343	A	-0.1337
rs11264133	A	-0.2083
rs116206711	C	-0.2238
rs4915991	T	0.0731
rs9651103	T	0.0503

rs114199982	T	0.1757
rs78225439	A	0.2312
rs72758859	T	-0.3713
rs339619	C	0.0457
rs7547229	T	0.0451
rs6679391	C	0.0517
rs17106044	T	-0.0628
rs2840677	A	-0.0469
rs111945487	T	0.2947
rs4244193	A	-0.0558
rs4649060	T	0.0448
rs10914694	T	0.0865
rs859436	C	-0.0451
rs16860492	T	0.1735
rs17565935	A	0.0764
rs116545401	T	-0.0962
rs3131313	T	-0.053
rs17460130	T	0.1289
rs76650281	G	-0.2287
rs10782808	G	-0.0451
rs112137868	A	0.1912
rs34676265	A	0.0498
rs114013159	T	-0.2348
rs12723169	T	0.0855
rs9287277	A	-0.0596
rs2311384	A	0.1756
rs142026614	C	0.1524
rs6676094	G	0.0557
rs75315806	A	0.1618
rs56314126	G	0.0687
rs16825415	A	0.1698
rs11162409	A	0.0492
rs75936895	G	0.1833
rs4276867	A	-0.1605
rs4650515	T	0.0671
rs10801913	A	0.0468
rs34450945	T	0.163
rs55905375	A	-0.1946
rs1028316	C	-0.0528
rs141191610	G	-0.2145
rs12079333	A	0.0925
rs2618668	T	0.2179
rs6656246	T	0.122
rs138811221	G	-0.2679
rs7517126	G	-0.0638
rs111638247	T	-0.1724
rs6657445	T	-0.046

rs56004188	G	0.2156
rs80221376	G	-0.1638
rs74738687	A	0.1225
rs7522248	T	0.1086
rs7540477	A	0.048
rs1722763	G	0.0456
rs374827	C	0.0445
rs60179719	T	-0.1118
rs75077563	A	-0.284
rs203847	G	-0.0469
rs2275375	T	-0.0552
rs12085749	C	0.0923
rs76860980	A	0.0916
rs791002	C	0.0466
rs114830750	T	0.2032
rs12141486	C	-0.1877
rs7538389	A	0.0708
rs12134781	C	0.0909
rs2644608	C	-0.0452
rs930731	T	0.1073
rs1930279	T	0.0625
rs2745300	A	0.0775
rs138628459	T	-0.2039
rs80325365	T	-0.0806
rs116567430	G	0.2287
rs113198187	A	0.1513
rs116168738	A	0.1799
rs9424490	G	-0.1096
rs1628418	C	0.0527
rs12023412	G	-0.0507
rs150537287	T	0.1478
rs78569132	C	0.1845
rs2603580	G	-0.0451
rs10910382	G	0.1159
rs647831	G	-0.066
rs6667291	A	0.0441
rs72755697	G	0.0963
rs111509110	C	0.1474
rs4420061	C	-0.0891
rs140243716	A	0.1953
rs16833739	G	-0.0688
rs79358318	A	0.114
rs76468219	C	-0.0797
rs78657937	C	0.1572
rs861587	T	0.0485
rs10752932	T	0.0579
rs116357558	G	0.1576

rs2807392	T	0.0516
rs114943318	C	0.2812
rs707475	A	0.0442
rs1467726	A	0.0456
rs2480699	A	0.0461
rs2225044	T	0.195
rs4658833	A	-0.0514
rs12119825	C	0.0463
rs17655162	T	0.048
rs72726278	T	-0.0824
rs4460680	G	-0.067
rs10924394	T	0.0845
rs75357961	A	-0.2762
rs4908685	A	0.2838
rs2375702	A	-0.0931
rs2480468	A	0.0481
rs1213288	G	-0.0591
rs2116374	G	0.0851
rs10863712	G	0.0439
rs1578624	C	0.0447
rs6671200	A	-0.0745
rs72724131	C	0.0774
rs10489806	G	-0.0805
rs4433375	T	0.0428
rs115292553	A	-0.2329
rs481759	C	0.2373
rs11247921	C	0.0513
rs1780050	C	-0.0443
rs6541076	G	-0.049
rs7549164	T	0.0572
rs699535	T	-0.0703
rs112288487	C	-0.0984
rs115969497	T	0.3059
rs433675	A	0.05
rs144453513	A	0.1703
rs12743003	A	0.0476
rs73026981	G	0.2143
rs79161286	T	0.3637
rs73074084	C	-0.1922
rs763219	G	0.0468
rs61786222	G	-0.2061
rs76412988	T	0.1808
rs78526594	C	0.1326
rs2803244	G	0.059
rs1856027	T	-0.0458
rs11578946	A	-0.2602
rs10489890	C	0.0935

rs79369860	T	0.1876
rs10802770	T	0.0475
rs72756379	A	-0.1187
rs145188671	G	-0.2638
rs67746085	C	0.0579
rs78335709	T	0.2103
rs10449700	T	-0.0463
rs144163113	C	0.2027
rs111916956	G	0.2241
rs12039796	C	-0.0503
rs55980496	G	-0.0677
rs146755088	T	-0.2037
rs78645485	A	0.3052
rs72761619	T	0.1591
rs11119727	A	0.1173
rs7551741	A	0.0689
rs1281181	G	0.1393
rs142274302	A	-0.219
rs60786615	C	0.1487
rs115750622	T	-0.1725
rs17487423	A	0.1099
rs6686254	G	0.0581
rs12727395	C	-0.0571
rs115438468	A	0.2059
rs72722676	T	0.1525
rs116470071	T	0.175
rs6693181	G	0.0644
rs7538772	A	0.1323
rs141226860	A	0.2319
rs3104467	A	0.0433
rs151121627	T	0.186
rs766429	A	-0.0532
rs10919982	C	0.2384
rs624742	T	-0.1077
rs114064576	A	0.2129
rs170827	T	0.0453
rs17131142	T	0.0735
rs80204268	A	0.12
rs76084603	T	-0.1308
rs16852065	A	0.1037
rs1007028	T	0.1937
rs12138099	T	-0.3695
rs2812385	G	-0.0466
rs77079888	A	-0.1474
rs79684317	T	-0.2196
rs1326279	A	-0.0452
rs12142649	G	-0.0746

rs74714424	G	0.1266
rs56122223	T	-0.065
rs35706835	G	0.2329
rs6674433	T	-0.0841
rs11811696	T	0.0747
rs10800875	T	-0.0595
rs6686898	T	0.0578
rs116164528	G	0.2081
rs35505907	A	0.0688
rs236320	A	-0.079
rs509828	A	0.0689
rs2815247	T	0.0692
rs56293054	T	0.0538
rs41308206	T	0.3338
rs710224	T	-0.086
rs72731413	G	-0.1256
rs147073774	T	0.1609
rs12753970	G	0.1766
rs12086137	A	-0.2937
rs34032320	C	0.2158
rs80135504	C	-0.3339
rs262596	T	-0.0437
rs115685846	G	-0.1008
rs2251010	T	-0.2338
rs75351680	T	-0.1582
rs11803913	A	0.0814
rs116625961	T	0.1272
rs2518570	C	0.0618
rs2746350	T	0.1455
rs548499	T	0.1751
rs71645448	A	0.2268
rs284266	G	0.3066
rs609880	A	0.0442
rs3767441	G	-0.0748
rs17103980	A	0.1005
rs60069507	A	0.1791
rs56091603	A	-0.0978
rs12036656	C	0.0449
rs74770412	A	-0.1738
rs12038031	A	-0.0682
rs1817913	G	0.0686
rs10922534	C	0.0651
rs11590967	A	0.1121
rs12409072	T	-0.0621
rs57684757	T	0.0645
rs75769139	T	-0.1374
rs76850880	A	0.1166

rs150447801	T	-0.3348
rs61138078	A	-0.0534
rs6593919	T	0.1414
rs115459224	A	0.1696
rs77055840	G	0.2653
rs34144151	T	0.0661
rs1536159	C	0.0445
rs7366727	T	-0.0603
rs35634602	G	-0.2039
rs78677330	G	-0.1345
rs12144977	T	0.0634
rs111518063	C	-0.1922
rs61811975	A	0.0564
rs138291070	G	0.1112
rs114850822	G	0.1052
rs72687369	G	0.1749
rs112665256	T	-0.0597
rs1318189	T	0.0616
rs114968560	A	0.155
rs116170514	G	0.2019
rs77998119	T	0.0893
rs61814243	G	-0.2193
rs72746703	A	0.1357
rs115765157	T	0.2198
rs55882564	G	0.2302
rs12134208	T	0.1027
rs10915864	G	0.0507
rs74584113	T	-0.0818
rs72729593	C	-0.2192
rs74983154	A	0.0918
rs447446	T	0.0442
rs7537419	T	0.0423
rs1333129	C	-0.0497
rs76520075	G	-0.1666
rs74684148	G	0.3117
rs149696140	A	0.3566
rs147024378	T	-0.1707
rs10902688	G	0.0549
rs72666818	G	0.11
rs10913472	T	0.0424
rs140913219	C	0.1573
rs72675916	A	0.1803
rs12568268	C	-0.064
rs2271347	A	0.0533
rs6668270	G	0.043
rs6427152	C	-0.0422
rs10915726	T	-0.1998

rs60874731	T	0.0836
rs115679611	T	-0.2159
rs10495370	T	0.0892
rs112474815	A	-0.0955
rs72679933	A	0.1714
rs184361	G	-0.0915
rs114715932	A	0.1632
rs74620997	G	0.3651
rs3748761	G	0.0419
rs79821910	T	0.1564
rs10925030	G	0.0729
rs1845463	G	0.0642
rs75547306	A	-0.0971
rs6657768	A	0.0488
rs2604095	C	0.0755
rs115826743	G	0.1907
rs1218556	G	0.1286
rs71642408	T	-0.1509
rs12737373	T	0.0854
rs2096345	A	-0.051
rs559728	T	0.0439
rs3125630	A	0.0417
rs4659014	C	0.0607
rs17469160	C	-0.0741
rs11121429	A	0.097
rs326008	T	-0.0677
rs7548751	T	0.0527
rs12569057	C	0.0966
rs12116476	A	0.1137
rs2992632	T	0.0468
rs10159239	G	0.0441
rs12728353	T	0.0489
rs12129289	T	0.181
rs12140408	T	0.1922
rs10798888	T	0.0601
rs61839403	C	0.0815
rs658150	A	0.0501
rs74775502	T	0.2642
rs72763355	A	0.1309
rs111962241	T	0.1607
rs12748650	A	0.0553
rs11583236	C	-0.0444
rs12729561	T	0.0592
rs75944134	G	0.0837
rs116919389	T	0.2739
rs77169114	G	-0.0813
rs613441	T	0.0524

rs3010109	A	0.0644
rs114242793	T	0.3161
rs114549212	T	-0.1373
rs6658921	G	-0.0533
rs10800341	T	-0.1012
rs116012710	T	0.1429
rs2298633	C	-0.0991
rs140001599	T	0.2178
rs11803657	G	0.1004
rs138850825	A	0.2564
rs111737447	T	-0.0551
rs6666537	G	-0.0467
rs56063497	A	-0.0629
rs17116602	C	-0.0735
rs56165537	C	0.1066
rs2282705	T	0.2031
rs76202527	G	-0.1923
rs34781518	T	-0.2045
rs2207216	C	-0.0416
rs72740355	T	0.1309
rs17383059	C	-0.0571
rs785574	G	0.0506
rs6695539	C	0.0441
rs994024	G	0.0563
rs7541872	G	-0.0457
rs6541139	C	0.0436
rs61815654	A	-0.1166
rs4970610	T	-0.0467
rs2840945	G	-0.0558
rs10927026	G	-0.1119
rs10736375	T	0.0603
rs4657213	T	-0.0492
rs61829198	G	-0.2035
rs6425583	T	0.2494
rs858543	A	-0.0495
rs75219698	A	-0.1324
rs35252813	A	0.1808
rs79949208	A	0.3667
rs61447342	A	0.1326
rs527955	T	-0.0836
rs12567801	G	-0.2197
rs12046434	A	0.0635
rs34086860	C	-0.0601
rs2817179	T	-0.0544
rs114427742	T	0.2986
rs145731988	T	-0.2377
rs10798873	G	-0.1655

rs16860177	G	0.1411
rs10902712	G	-0.0581
rs35297534	G	-0.1881
rs2796243	C	0.0408
rs12562601	G	0.0655
rs624612	G	-0.0614
rs116394272	A	0.276
rs61803175	G	0.1519
rs143273292	C	0.1453
rs115780044	A	0.1263
rs74115250	A	0.1199
rs6425517	T	-0.0404
rs78401243	G	-0.0764
rs72739088	A	-0.0656
rs6427184	G	0.0615
rs12736361	T	-0.0427
rs139672820	A	-0.1581
rs61799381	T	-0.0588
rs6694831	A	-0.0694
rs11578816	T	-0.0434
rs112985962	T	-0.1627
rs2130366	A	0.0402
rs2871973	G	0.0763
rs4397646	A	0.1246
rs601452	A	0.0418
rs115165870	A	-0.1141
rs72689984	C	-0.139
rs74546237	G	0.1421
rs7518781	A	-0.0481
rs1223758	C	-0.0806
rs7543734	C	0.0521
rs6686509	T	-0.0428
rs13374896	C	0.0553
rs12735521	T	-0.0445
rs143979011	T	-0.1662
rs4659395	G	0.1241
rs72672987	C	0.101
rs78236612	A	0.0958
rs150975022	T	0.2271
rs12141478	G	-0.0593
rs145061193	T	0.142
rs138051794	A	0.1834
rs11118077	C	0.3547
rs74471173	C	0.244
rs7545531	T	0.2326
rs203775	T	0.0504
rs17106481	T	-0.0634

rs112002427	C	0.1031
rs113017684	A	-0.0775
rs115769604	G	0.0756
rs12076501	A	-0.0538
rs6696698	G	0.1807
rs79908727	C	-0.2138
rs2008429	C	0.0483
rs4653295	G	-0.0416
rs72960501	T	-0.161
rs60260942	A	-0.1266
rs320377	C	0.2498
rs17009652	A	0.0996
rs73084670	C	0.061
rs1010812	C	0.1259
rs6680183	G	0.0689
rs12735293	C	0.0657
rs79160913	A	-0.2805
rs17046945	G	0.1461
rs7537614	A	-0.0517
rs61804927	G	0.0423
rs143914389	C	0.1114
rs16838479	T	0.1363
rs115492172	C	0.0875
rs11119519	A	0.0465
rs1002451	T	-0.0641
rs77340980	T	-0.1091
rs114688649	G	-0.1482
rs79142275	G	-0.0583
rs138575610	A	0.2946
rs17452776	A	0.0468
rs12121009	A	0.0945
rs75797460	A	0.0559
rs7517347	G	-0.0644
rs17030057	A	-0.1017
rs6699525	C	-0.0567
rs10925039	T	0.0541
rs3917820	A	0.063
rs12043071	C	0.0414
rs11585858	A	0.0493
rs958951	G	-0.0611
rs141874804	G	0.154
rs7554607	G	0.0398
rs7528948	G	0.2587
rs114501582	T	-0.2029
rs78442404	G	0.2141
rs67782817	C	-0.0817
rs72733841	G	-0.1044

rs79430889	A	0.2479
rs76092626	A	0.1155
rs28822487	G	0.1512
rs72872337	T	0.0592
rs72659770	A	0.1703
rs11804085	C	0.0424
rs74095169	T	0.1668
rs78583187	G	-0.0786
rs7534854	A	0.126
rs60055409	A	0.269
rs11590421	A	-0.0521
rs55856576	T	0.0525
rs77618230	T	0.2848
rs7538335	G	0.3652
rs480267	A	-0.0583
rs643520	T	-0.0405
rs9728310	A	-0.04
rs957644	T	0.0472
rs114616992	T	0.1314
rs56712503	T	0.1171
rs12406116	C	0.0791
rs1151677	A	-0.0487
rs72674886	T	-0.2125
rs72718375	T	0.0864
rs5010834	T	-0.0443
rs17044824	T	0.0655
rs2236894	T	0.042
rs10912078	G	0.13
rs1339845	T	-0.114
rs12756204	G	0.1522
rs10919851	C	0.0452
rs4446948	C	-0.0421
rs1554286	A	-0.052
rs79847548	G	0.1043
rs75018471	T	0.3478
rs10158055	G	-0.0499
rs79568665	A	0.1254
rs11580995	A	-0.2715
rs10493901	G	-0.1099
rs72705525	G	-0.1235
rs305533	T	0.042
rs12027189	T	0.0726
rs72751297	G	0.2038
rs76232956	G	0.0911
rs76538438	C	0.0853
rs143401666	A	0.1461
rs9793757	A	-0.0442

rs10465626	A	0.051
rs12048538	G	0.1097
rs78427482	A	-0.1638
rs141482151	C	0.2977
rs114860124	T	-0.1736
rs11810445	T	-0.1275
rs2275732	G	0.1323
rs78578323	C	0.2317
rs72679936	T	0.232
rs115876749	T	0.199
rs12030148	A	0.0609
rs12750838	A	0.0576
rs142070875	T	-0.187
rs2940677	T	-0.0444
rs17618402	T	-0.2131
rs11165448	T	0.0439
rs864205	C	0.2372
rs903125	A	-0.0546
rs78145167	A	-0.0805
rs56327957	T	-0.145
rs12079298	T	-0.0667
rs61760723	T	-0.1373
rs6692711	T	-0.0481
rs113436809	A	0.211
rs149613445	T	0.3771
rs72942513	A	0.304
rs2842229	T	0.1415
rs34768640	A	-0.0487
rs61773710	T	0.2372
rs4845792	T	-0.0458
rs10493427	T	-0.1053
rs688938	G	-0.0553
rs77692907	T	-0.0627
rs75714777	T	0.1575
rs116681047	C	0.2935
rs80151830	T	-0.2939
rs145641429	G	0.1938
rs75037309	A	0.2311
rs78656354	A	0.205
rs115280749	A	-0.2357
rs60154123	T	-0.0603
rs116037783	T	0.1977
rs116363395	T	-0.2066
rs481036	A	-0.0465
rs1571500	C	0.0656
rs6424089	A	-0.0517
rs74112342	T	0.1969

rs77077682	C	0.3265
rs11582550	A	0.0453
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rs77178821	T	0.1242
rs233102	C	0.0635
rs111886299	A	0.1714
rs78381548	A	0.27
rs114570650	C	-0.1636
rs76829912	C	-0.066
rs523218	T	0.0844
rs6425902	T	0.0519
rs12122434	G	0.1777
rs1338365	C	0.0847
rs72693966	G	0.2392
rs72652777	T	-0.1361
rs116432301	A	-0.1961
rs114872270	G	-0.3418
rs12091632	G	0.0543
rs907784	C	0.1325
rs3013763	C	0.0505
rs75095710	A	-0.2292
rs138078266	A	0.1256
rs12137561	A	-0.0464
rs12117032	A	-0.1341
rs140131860	C	-0.2334
rs10888585	T	0.0496
rs7556173	T	0.0446
rs2494436	T	0.0795
rs17511171	T	-0.0437
rs34161369	T	0.116
rs75791194	T	0.1394
rs4256835	A	-0.0452
rs6427908	T	0.0568
rs72750963	T	0.1203
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rs2788094	T	-0.0901
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rs72761740	T	0.1474
rs12562565	A	0.1164
rs114072942	G	0.1777
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rs12130076	G	-0.0613

rs1967043	G	-0.0764
rs1772911	T	0.0533
rs12404952	T	-0.0858
rs6684832	A	-0.0604
rs12743366	T	-0.1562
rs657452	A	0.0411
rs35018049	A	0.1496
rs61775135	A	-0.0727
rs554454	G	0.0408
rs2785988	A	0.0434
rs61833761	G	-0.165
rs6682909	T	-0.0522
rs970538	A	0.0694
rs78762402	A	0.1318
rs12118133	T	0.1713
rs76752387	G	-0.1842
rs74668832	T	0.3238
rs80091625	G	0.211
rs10800089	T	-0.049
rs114489089	C	-0.2103
rs76325291	A	-0.1217
rs6700588	A	0.0432
rs10803239	A	-0.0499
rs4654518	G	0.3136
rs72718404	G	0.1457
rs12740505	G	0.0395
rs74066613	C	-0.1184
rs1318243	T	0.0491
rs10800905	A	-0.1272
rs7525624	G	0.0462
rs12048410	A	-0.0661
rs148039894	G	0.2588
rs116014316	G	-0.2113
rs6691243	C	0.0419
rs2139931	G	-0.0445
rs11582252	T	0.0532
rs61818035	G	0.0478
rs72864464	C	0.1364
rs12130762	A	-0.1198
rs12406787	G	0.051
rs701488	T	0.0652
rs6677513	T	-0.0578
rs4147848	T	-0.045
rs55964025	C	0.0566
rs12401355	C	-0.0564
rs1173850	T	0.0718
rs12037513	G	0.0417

rs115836139	C	0.1178
rs150158697	G	0.1384
rs61840453	A	0.1806
rs16859673	A	0.0934
rs78024409	T	0.2031
rs56378043	A	-0.3066
rs117419725	T	-0.1236
rs12086036	G	0.0436
rs76380284	A	-0.1761
rs79734452	G	0.1798
rs4316382	C	0.0601
rs12041266	G	0.0485
rs2192116	T	-0.0409
rs60329960	A	0.1592
rs558994	T	0.0443
rs55931033	T	0.065
rs4846466	C	-0.055
rs12088436	A	0.0687
rs113142226	C	0.0419
rs9729222	T	0.0592
rs144064683	C	0.2239
rs116064367	C	0.1373
rs77919581	A	0.2118
rs9428545	C	-0.0511
rs1521177	G	-0.041
rs72745141	C	0.2763
rs11161547	C	0.0716
rs17012244	A	0.0707
rs17092934	C	0.2348
rs75457438	A	0.0866
rs112463761	A	0.1649
rs114600457	A	-0.1902
rs72679947	G	-0.1907
rs12747683	T	0.0429
rs483006	A	-0.0795
rs10518473	C	-0.0682
rs3118121	A	-0.0564
rs6662308	G	0.0675
rs4466675	T	0.0427
rs146827171	T	-0.1735
rs6678723	A	0.0565
rs710874	C	-0.1507
rs61826794	T	0.1453
rs965060	A	-0.0416
rs5005725	A	-0.0562
rs45553335	C	0.0594
rs1486096	A	-0.0383

rs78064272	G	0.098
rs12403985	G	0.0528
rs148648502	A	-0.0836
rs10863936	G	-0.0384
rs77375527	C	0.2248
rs12044053	A	-0.1281
rs635664	A	0.1682
rs7512598	T	-0.0526
rs75134790	T	0.0849
rs11264799	T	-0.0451
rs77053649	T	0.2352
rs115273594	T	0.2515
rs114216907	T	0.2367
rs145962584	T	0.167
rs75904559	T	0.1708
rs2493144	T	-0.0409
rs12760839	A	-0.0425
rs114436716	G	0.1068
rs116766293	C	0.2315
rs114686124	T	-0.202
rs11578202	G	0.0869
rs77002349	G	0.1849
rs3789650	C	-0.0426
rs6655988	C	0.097
rs72735108	T	0.292
rs114531386	G	0.184
rs61765106	T	0.0738
rs142973437	A	-0.1509
rs147383383	C	-0.1412
rs146224277	C	0.2271
rs7538377	C	-0.0396
rs3790512	T	-0.0424
rs28649787	C	-0.0382
rs4077065	G	-0.0753
rs113681516	C	-0.2557
rs7527765	T	0.0687
rs45505700	C	0.1668
rs12730845	T	0.2529
rs115814324	A	-0.1994
rs16848579	C	0.0845
rs12134582	T	0.0402
rs140139014	T	-0.2618
rs145643169	T	0.282
rs34851637	C	-0.0899
rs4927153	G	0.2157
rs73127292	T	-0.1594
rs2686220	A	0.0551

rs115646939	T	0.1039
rs620070	T	0.0396
rs12139891	C	0.0473
rs11588898	T	0.0782
rs80031514	T	0.2131
rs11579186	T	0.0535
rs12032936	A	-0.1836
rs11578153	T	0.1058
rs158759	T	0.082
rs2820706	A	0.0392
rs4658686	T	0.0815
rs6693246	G	0.0445
rs115126322	G	0.1878
rs2501850	C	0.0446
rs9431656	T	0.0585
rs12046840	A	-0.077
rs12042800	C	0.0598
rs857858	A	0.077
rs12144834	G	0.1792
rs75013469	G	0.1844
rs12135768	A	-0.0757
rs17376580	C	-0.1701
rs58063183	T	0.2532
rs114679672	A	0.2284
rs12140234	G	0.1436
rs6588496	A	0.0479
rs78468204	T	-0.1529
rs17009131	G	0.2132
rs115270754	A	-0.3086
rs12096097	T	0.1199
rs12562593	C	-0.0575
rs4916222	T	-0.0455
rs4132150	C	0.0512
rs1342943	G	0.0801
rs11120234	A	0.1306
rs12036063	C	-0.0716
rs2247886	A	0.0417
rs112334030	G	0.1653
rs6662149	T	-0.0386
rs4266831	G	0.0386
rs2245197	T	0.0467
rs74628481	A	0.1078
rs61776103	T	0.14
rs12046807	A	-0.057
rs112941965	T	-0.1938
rs36040922	A	-0.0668
rs150972794	T	0.1401

rs9728569	T	-0.0422
rs7522398	T	-0.0414
rs75830586	G	0.13
rs112381195	C	0.2072
rs12064054	C	-0.3173
rs9804151	C	-0.0483
rs10889201	T	-0.0628
rs61772578	G	0.061
rs12141461	T	-0.0703
rs17376574	A	-0.0505
rs2331546	C	-0.0548
rs3751284	T	-0.0398
rs142764679	A	0.2363
rs2067881	C	-0.0379
rs145934555	G	-0.1398
rs2202222	C	-0.0742
rs2484867	A	0.183
rs701489	C	0.0743
rs76744374	A	0.0599
rs11587260	A	-0.0374
rs77246635	C	-0.1911
rs820623	T	0.0437
rs78429099	A	-0.0602
rs475359	G	0.0649
rs141765609	C	0.0791
rs116708605	C	0.2816
rs7554332	A	0.0887
rs17119190	C	-0.1325
rs10916366	C	0.0408
rs7513157	A	-0.2014
rs12035437	G	0.07
rs1697421	C	-0.0392
rs12143727	A	-0.0402
rs11590946	G	-0.0801
rs111558452	A	0.1196
rs12139949	C	-0.2348
rs72693782	T	0.3245
rs79691972	C	0.1713
rs72714627	A	0.2268
rs1481345	T	-0.0498
rs77551695	G	0.1252
rs12038029	C	-0.1061
rs11184799	G	0.0596
rs6685587	A	-0.0759
rs12088230	C	-0.0578
rs1182221	A	0.1273
rs77059420	G	0.1843

rs76107942	A	-0.1783
rs116539394	T	0.2012
rs111118180	C	-0.0676
rs77323299	T	0.1046
rs115955722	G	0.2447
rs1536169	T	-0.0385
rs12079878	A	-0.0513
rs1234318	G	0.0457
rs72652995	C	0.1144
rs79767297	A	-0.2068
rs1117325	T	0.0965
rs74457048	A	0.2702
rs61830682	A	-0.1234
rs12082407	T	0.0467
rs78276076	C	0.0681
rs79072103	G	0.1384
rs77149197	C	0.1736
rs114250564	T	-0.2013
rs150202666	T	-0.1784
rs7514406	C	0.1082
rs12036669	T	-0.0538
rs2331902	A	0.0583
rs74790636	G	-0.1502
rs1751342	G	0.0749
rs4648440	A	0.0434
rs12122550	C	-0.0395
rs702489	A	0.0613
rs787533	C	0.0389
rs77082262	T	-0.1453
rs12727756	G	0.0592
rs12047154	T	0.1098
rs6666492	C	0.0914
rs7552841	T	-0.0603
rs115424225	G	-0.1217
rs9725514	C	0.1875
rs76406940	C	-0.1776
rs7529438	A	0.1086
rs72711693	A	-0.0952
rs35352810	T	0.2229
rs12759726	T	-0.0446
rs77501302	G	-0.1251
rs13374417	A	0.0467
rs112338578	T	0.1168
rs77640218	A	0.2275
rs10799973	T	-0.0425
rs61826963	T	0.1072
rs147922073	C	-0.1919

rs41266090	A	-0.215
rs553253	C	0.0469
rs76979604	G	0.0904
rs17509146	G	-0.0436
rs113197146	A	0.0759
rs76446623	T	0.0592
rs12563610	T	0.1746
rs7552838	C	-0.0396
rs12125973	A	-0.0412
rs743113	C	0.0396
rs10801372	T	-0.0519
rs76974308	C	0.2457
rs59123063	G	0.0469
rs115851838	A	0.1187
rs320454	G	0.0444
rs1497850	C	0.3423
rs78926664	T	0.0815
rs6664954	G	0.2525
rs1907070	T	0.0382
rs68174929	T	0.1365
rs11590145	A	-0.0592
rs78846772	G	0.0992
rs11809021	C	-0.0426
rs17473210	T	0.1092
rs10489501	C	-0.1584
rs12123811	T	-0.1845
rs66519738	T	0.0752
rs6664238	A	0.0444
rs6676719	T	-0.1602
rs74525408	T	0.1434
rs11583005	A	0.1191
rs11166584	A	-0.0494
rs11264306	C	0.0378
rs6685206	G	0.0589
rs35414774	G	-0.3385
rs2929826	G	0.0432
rs11264474	C	0.0542
rs114654983	T	0.2945
rs11578496	G	0.0425
rs115933425	A	-0.1058
rs4661556	T	0.3425
rs6683763	A	0.0402
rs112819557	C	0.1738
rs858819	A	0.0615
rs11584349	C	-0.0536
rs7547864	T	0.1542
rs2073185	A	-0.0548

rs34320757	C	0.1912
rs72744518	T	-0.09
rs12402198	A	-0.0768
rs113893583	A	-0.0798
rs72664990	T	0.1592
rs495843	A	0.0391
rs4839425	T	0.0855
rs76224680	C	-0.078
rs2801991	G	0.04
rs115315912	C	0.0879
rs12404395	T	-0.0493
rs2011693	A	-0.0994
rs4915045	C	0.0717
rs11210443	C	0.0388
rs12401412	T	-0.1329
rs11205596	T	0.2199
rs11485345	A	0.0406
rs1122757	T	-0.0446
rs1144565	G	0.0882
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rs10917043	C	0.0695
rs12144600	G	-0.0818
rs11120466	G	-0.059
rs12753780	A	-0.0768
rs79380592	T	0.1151
rs2503279	T	0.0632
rs6701227	G	0.0582
rs111780338	A	0.1581
rs12073510	T	0.0531
rs4950974	C	0.0388
rs4846426	G	-0.0444
rs34242311	C	-0.0591
rs11211319	C	-0.039
rs7531769	A	0.0444
rs111983868	G	-0.0691
rs144874938	A	-0.3146
rs6694029	G	-0.0571
rs16830132	A	-0.0613
rs12728257	C	-0.0698
rs2369094	C	-0.0456
rs4987410	T	-0.2805
rs76304108	G	-0.1664
rs11265342	T	-0.0448
rs3176867	T	-0.051
rs77517044	G	-0.17
rs114669457	A	-0.1749
rs112862174	T	-0.1765

rs2477858	G	0.038
rs34384830	T	0.1614
rs12750815	T	0.2445
rs34378703	A	0.1729
rs115619735	T	-0.2231
rs731641	T	0.0445
rs77918499	C	-0.1688
rs55643746	T	-0.0795
rs723959	A	-0.163
rs115076819	T	-0.1069
rs11165886	T	-0.0433
rs3845428	C	0.0428
rs72682815	T	-0.2881
rs72631078	C	0.1566
rs2231304	G	-0.1641
rs148056944	T	-0.232
rs2297185	T	0.0415
rs7537786	A	-0.0493
rs72683542	T	0.2896
rs35572897	C	0.1253
rs12049174	T	0.0482
rs7521082	A	-0.0428
rs148471346	A	0.1199
rs72639972	T	-0.114
rs2759280	C	-0.0414
rs116102380	A	0.172
rs10888617	A	0.0432
rs9426467	G	0.0467
rs12730871	G	0.0532
rs2809294	G	-0.0383
rs3768168	A	-0.0732
rs111840143	A	0.1902
rs115135978	G	0.1362
rs4661709	T	0.0865
rs12124488	G	0.0447
rs6674697	G	0.0843
rs1609829	T	-0.044
rs112399701	A	0.1248
rs114650411	G	0.1345
rs6666043	C	0.0907
rs17023386	C	0.0769
rs12723928	G	0.1284
rs11578020	T	0.0435
rs114175569	T	-0.1478
rs116696591	G	0.1419
rs954353	G	-0.0378
rs114820700	G	0.2766

rs61814095	A	0.0888
rs116408121	A	-0.197
rs618036	T	0.0593
rs77491623	G	-0.0834
rs41296022	A	-0.2936
rs12088730	G	0.1288
rs111603758	A	0.1472
rs78947234	T	-0.2085
rs4650571	C	-0.0456
rs74512616	T	0.1809
rs115900765	T	0.1841
rs75965310	A	0.1448
rs112842969	T	0.1233
rs75761604	C	0.2161
rs12407450	G	0.093
rs76977901	A	0.1913
rs10493098	C	0.0392
rs148225765	T	-0.2863
rs279027	A	0.0412
rs12411177	T	-0.0531
rs77261529	A	0.083
rs2804260	T	0.0747
rs144284362	T	-0.1634
rs4575062	C	-0.0528
rs2015330	T	0.0373
rs835378	T	-0.039
rs75548725	A	-0.1387
rs11166153	G	0.0804
rs41291508	G	-0.24
rs3738478	T	0.0392
rs2485420	T	-0.103
rs114141662	C	0.2848
rs3123696	C	-0.0479
rs6694119	G	-0.0413
rs35675808	G	0.1999
rs2644157	C	0.0374
rs17130776	T	0.0891
rs1124625	A	0.0372
rs10788823	T	0.0548
rs61821319	C	-0.1351
rs76024459	G	0.2177
rs12738818	A	-0.0645
rs147232951	G	-0.24
rs72697837	T	0.111
rs2843024	A	0.0531
rs6676389	G	-0.0378
rs12028676	A	-0.0467

rs79752373	A	0.2079
rs12404293	G	-0.0407
rs4659794	A	0.0626
rs4520451	T	0.0498
rs56761935	C	-0.0745
rs67767675	A	-0.0794
rs12119183	A	0.1693
rs76410275	A	-0.1593
rs59423584	T	0.133
rs1883417	T	-0.0512
rs141358346	T	0.2035
rs74108304	T	-0.0805
rs77047253	A	0.1479
rs145063022	A	-0.1536
rs2554297	G	-0.0411
rs61786219	G	-0.0991
rs11578968	G	-0.2146
rs9436820	T	0.1138
rs35369693	C	0.1147
rs147697937	G	0.1367
rs72640638	G	-0.1559
rs12736798	A	0.0678
rs1188430	C	-0.0373
rs2753345	A	0.0544
rs17455052	T	0.0974
rs116730697	C	-0.2615
rs2221076	G	-0.0934
rs116777427	A	0.1911
rs6682891	G	-0.037
rs143731650	T	0.1042
rs11240085	A	-0.1333
rs61833066	T	0.0486
rs10495434	T	0.0676
rs10911995	A	0.0562
rs2791385	T	0.1824
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rs11260666	A	0.1049
rs111868204	G	-0.2405
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rs55704318	A	-0.0858
rs9431726	T	0.043
rs6679472	C	0.0486
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rs10889711	T	-0.0372
rs12096161	A	-0.1384
rs10493183	C	-0.0495
rs34773620	C	0.2053

rs3815788	G	0.041
rs72755914	C	-0.0668
rs79166863	C	-0.2129
rs12404536	A	0.0603
rs111470595	C	0.0796
rs12073174	G	0.0556
rs56379806	G	0.2013
rs528797	G	0.0508
rs2744760	C	0.0387
rs145550984	T	-0.1217
rs114675042	T	-0.2184
rs976332	A	-0.0414
rs59524596	T	-0.1888
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rs6699417	C	-0.0378
rs696392	T	0.0392
rs2448417	G	0.0613
rs12032815	C	-0.142
rs2774287	A	-0.0947
rs17412003	C	0.1588
rs74894212	C	0.0957
rs61680681	C	0.1629
rs77116611	A	0.1283
rs1229364	T	-0.0435
rs12128364	T	-0.039
rs12749233	T	-0.0368
rs112568781	G	-0.073
rs72645987	A	0.1281
rs1937011	A	-0.0396
rs61813851	T	0.1361
rs116297572	T	0.1512
rs17025035	C	-0.2909
rs149287328	T	0.1908
rs12083063	T	0.0611
rs1581763	T	0.0433
rs12067321	C	0.1419
rs60556029	A	-0.0375
rs78304637	G	0.1598
rs28641887	A	0.1207
rs111685145	T	0.0952
rs114456379	C	-0.1771
rs12144700	T	0.0457
rs1933545	A	-0.0623
rs11207178	G	0.07
rs12128282	A	0.0371
rs6697879	T	-0.105
rs116554892	A	0.1924

rs4846107	G	0.0606
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rs12127847	T	-0.1476
rs115211497	T	0.1757
rs72731354	T	-0.0761
rs72656059	T	0.2097
rs72651593	G	0.0835
rs72694441	T	0.2637
rs79899415	C	-0.1617
rs116574439	T	0.1156
rs143553186	A	-0.3535
rs623974	G	-0.0554
rs61774569	C	0.0407
rs856840	C	-0.1262
rs56106513	T	0.1806
rs76257796	T	0.2209
rs6659338	C	-0.223
rs4652102	G	0.0367
rs61827706	G	0.0373
rs259640	T	-0.0424
rs114706124	T	-0.2076
rs34347370	A	-0.0706
rs2901189	A	0.0589
rs17037726	C	0.2095
rs1816566	C	-0.1503
rs10785825	A	0.0372
rs79106728	A	-0.143
rs57714827	T	-0.0448
rs2802725	A	-0.0367
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rs17369380	C	-0.1114
rs1456178	G	-0.1327
rs115972673	T	-0.1364
rs115896578	A	-0.2032
rs2297903	C	0.0358
rs2808224	C	0.0433
rs10779677	A	-0.0459
rs141517526	G	-0.1125
rs529989	C	-0.0369
rs1288587	T	-0.0365
rs17032358	A	-0.1919
rs10399879	A	0.1866
rs10913256	C	0.0458
rs72751700	A	-0.2544
rs4927083	A	-0.0424
rs632992	A	0.1326
rs73119837	T	0.1069

rs10888430	G	-0.0374
rs4927205	G	0.0674
rs149678686	C	0.2041
rs61785859	C	0.067
rs74768874	C	0.1231
rs7553937	T	0.1484
rs7522307	C	0.066
rs140552012	A	-0.2039
rs34080032	C	-0.0704
rs1124171	G	0.0402
rs11264635	A	-0.0437
rs141035071	C	-0.2303
rs12127447	A	0.1082
rs562249	T	-0.0872
rs12116898	A	-0.1497
rs2477134	G	0.039
rs56262620	A	-0.0501
rs116834807	A	-0.2585
rs10921374	G	-0.0425
rs61801976	A	0.1692
rs113811299	T	-0.1024
rs1161146	T	-0.041
rs12129499	G	0.229
rs77653823	T	-0.0588
rs10494099	A	0.0408
rs116295011	G	-0.0834
rs75521800	T	0.1381
rs12045520	A	0.0453
rs77407806	A	0.1284
rs1819278	T	-0.04
rs35646303	A	0.0897
rs6662861	C	0.043
rs138545218	A	0.1861
rs35704457	A	0.0569
rs75313099	C	0.1738
rs2842028	A	0.0381
rs2311388	C	0.0455
rs569932	T	0.0383
rs6427276	A	-0.0402
rs79677312	G	0.0963
rs76439356	T	-0.2346
rs2133108	C	-0.0578
rs1336511	G	0.0431
rs6588505	T	-0.0446
rs75860486	A	0.1323
rs41267160	C	0.082
rs61832589	T	-0.0744

rs16861538	G	0.0746
rs113519783	T	-0.1325
rs6662917	T	-0.0413
rs10926743	C	-0.0375
rs761518	G	-0.0444
rs7541524	C	0.0423
rs35302893	C	0.1453
rs542634	A	-0.0383
rs2686240	T	0.0363
rs2753399	T	-0.0411
rs17457483	C	-0.0908
rs4987349	C	0.053
rs72692723	A	0.1049
rs112010598	A	0.0832
rs114471561	T	0.2169
rs151119099	A	-0.1557
rs75092007	C	0.1652
rs12077019	G	0.1264
rs4623769	A	-0.09
rs4414038	A	-0.1542
rs10494138	T	-0.0633
rs2489260	A	0.0656
rs2802733	T	-0.0637
rs12126797	A	0.1753
rs61790696	A	0.0803
rs6678194	G	-0.1611
rs2657568	T	-0.0921
rs146930598	T	-0.2008
rs41266620	T	-0.1934
rs16840284	C	0.0648
rs6690901	G	0.0463
rs141031744	C	-0.0987
rs75390188	A	-0.2298
rs12029953	A	0.0419
rs56003400	T	0.072
rs12085577	G	0.0528
rs17601477	T	0.1316
rs11120239	G	-0.1277
rs2144687	C	-0.1133
rs6698476	A	0.0619
rs78602772	T	-0.0747
rs11806185	C	0.094
rs11118667	T	0.0989
rs1963268	A	0.0372
rs79574506	T	0.1865
rs4626916	A	0.0372
rs679224	G	-0.0521

rs1105210	A	-0.0866
rs835672	T	-0.0402
rs199667	T	0.039
rs34800677	A	-0.0709
rs12119402	A	0.1819
rs146249174	C	0.2079
rs79870386	G	-0.237
rs12131713	G	0.0744
rs17163557	G	-0.0762
rs7530770	C	-0.042
rs1890798	C	-0.0416
rs61801582	A	0.1067
rs61768273	T	0.2073
rs116488763	C	0.2304
rs2758739	T	-0.0506
rs11121249	T	-0.0433
rs4920378	A	0.1208
rs115369740	A	0.2137
rs150149269	G	0.2479
rs113072109	G	0.2632
rs113661382	T	0.2823
rs71652425	T	-0.0634
rs114218136	T	0.1284
rs12078797	G	-0.0356
rs114931168	T	-0.1827
rs1187765	C	-0.0422
rs72676940	T	-0.1081
rs7415377	A	-0.0389
rs12564919	T	0.0678
rs77141328	C	0.2951
rs115084809	T	-0.0827
rs138018894	T	0.232
rs111933873	T	-0.2074
rs41301281	A	-0.1428
rs12071889	C	0.1303
rs7553760	G	-0.1564
rs12735675	C	0.125
rs72649518	T	0.1332
rs16825491	C	0.0427
rs147884674	A	0.2034
rs298152	A	-0.0402
rs12122865	C	-0.2669
rs56832623	T	-0.2691
rs4275436	C	0.0493
rs78208329	G	0.2281
rs113526764	G	-0.1196
rs1252071	T	0.052

rs2213949	G	-0.0363
rs4656308	C	-0.0445
rs859452	C	0.2346
rs145165378	A	-0.2143
rs78328018	A	0.0899
rs12138939	A	-0.0534
rs1773558	A	0.0968
rs2229712	C	0.0501
rs80293531	G	0.3094
rs10803099	G	-0.0587
rs74052149	A	0.0937
rs6540844	C	-0.0433
rs2767567	T	0.1156
rs6694684	G	0.1464
rs10753759	T	0.0812
rs12024082	T	0.1838
rs149516707	G	0.1924
rs139542008	A	0.1827
rs6683231	G	-0.0435
rs35878506	A	0.2468
rs72692356	G	0.1181
rs114535044	G	0.2205
rs4606308	G	0.0425
rs545337	G	0.0354
rs566572	C	-0.036
rs115765897	G	0.0965
rs78171414	T	-0.1861
rs602227	G	-0.0441
rs10489745	C	0.0628
rs7551581	G	-0.0404
rs7521601	T	-0.0486
rs17260014	T	-0.044
rs76176338	T	0.134
rs12564515	G	-0.1452
rs61819643	G	0.1254
rs55803523	A	0.168
rs75370462	C	0.1443
rs7548899	C	-0.0373
rs480676	T	0.0571
rs11205982	C	-0.0634
rs78885825	G	0.1347
rs75597013	T	-0.1165
rs616408	A	0.0352
rs17046838	T	0.0368
rs77279370	A	-0.1151
rs75556406	A	0.1696
rs12563935	C	0.1058

rs116315911	T	0.1169
rs140578039	A	0.1694
rs116405828	A	0.1267
rs10802582	T	-0.0417
rs55829230	T	-0.051
rs4132008	C	-0.0392
rs11264695	G	0.0573
rs72646165	C	-0.081
rs12086134	G	-0.0462
rs10927746	T	-0.0382
rs4839435	A	0.1606
rs10489605	T	-0.0725
rs61799438	G	-0.0479
rs72731134	A	0.1996
rs6679399	C	-0.2395
rs2486256	C	0.1145
rs73071276	C	0.1901
rs75581935	T	0.0937
rs10797915	A	-0.053
rs72653265	A	-0.0847
rs146143678	T	0.2061
rs145904381	C	0.2321
rs58313330	T	0.0505
rs11580815	C	0.0995
rs116239811	C	-0.1272
rs11165771	A	-0.047
rs12756329	C	-0.0366
rs116047992	A	-0.1419
rs12117326	T	0.0502
rs115116587	C	-0.2323
rs56331099	A	0.0744
rs141453275	G	-0.1008
rs4927287	A	0.1251
rs3820521	A	0.1269
rs11584867	A	0.1695
rs1581749	G	-0.0366
rs171325	G	0.0359
rs144464479	A	0.3138
rs34544423	G	-0.0687
rs79692671	T	0.0669
rs10802977	T	0.0448
rs1360918	G	-0.0394
rs17504277	T	-0.0365
rs10863646	T	-0.0568
rs17637936	C	-0.0493
rs74348587	T	0.322
rs2654878	G	-0.091

rs697387	T	0.0428
rs952754	C	-0.0474
rs4274037	T	0.0552
rs59196483	C	-0.0951
rs7555690	G	0.0486
rs78954875	T	-0.1192
rs74687512	A	-0.1587
rs78758935	A	0.1352
rs857128	C	-0.0528
rs111817495	C	-0.0915
rs78402194	G	0.0766
rs72680429	G	-0.0954
rs56051286	C	0.0889
rs4654783	T	-0.0398
rs4596920	T	-0.0396
rs1933543	T	-0.1481
rs116469720	T	0.2277
rs12752329	C	0.1642
rs6698257	G	-0.0645
rs61810724	A	-0.2579
rs11809015	A	0.0527
rs6691602	G	0.046
rs61815348	G	-0.1239
rs111939409	G	-0.1167
rs7551194	T	-0.048
rs6678414	C	0.0522
rs79754334	A	0.1159
rs76771627	C	0.1019
rs10922298	C	-0.0361
rs74951936	T	-0.1429
rs72664038	A	-0.1363
rs589298	T	0.1364
rs320420	T	0.0532
rs6604644	G	0.0376
rs12760868	A	-0.1151
rs61777395	T	-0.1314
rs75199565	T	0.1175
rs76686863	T	0.1783
rs115784384	T	0.123
rs145582754	C	0.1929
rs76259161	G	-0.1124
rs7539471	A	-0.0376
rs11577758	C	0.1533
rs72719879	T	0.3064
rs7515173	A	-0.0895
rs115383596	C	-0.1382
rs61809121	C	0.1446

rs61823775	T	0.12
rs34971911	C	0.1264
rs1620073	T	0.1841
rs6428588	T	0.0399
rs61833497	T	-0.0758
rs11584967	A	-0.1275
rs2882289	A	0.0732
rs150806275	G	0.1288
rs142900823	T	0.1665
rs74578461	C	0.042
rs6694377	C	0.0517
rs75514978	A	0.1804
rs316913	A	-0.0912
rs114130871	G	-0.1176
rs74772537	T	-0.2906
rs79848811	C	0.1376
rs4112336	A	0.1239
rs7554805	G	0.2017
rs352690	T	0.142
rs75436219	G	0.2095
rs73022764	G	0.0707
rs6662239	T	-0.0853
rs77896069	A	-0.1244
rs61814614	C	-0.1711
rs34095348	A	0.2437
rs1300066	T	-0.0353
rs4653277	A	-0.0359
rs12031880	A	0.0435
rs149928094	G	0.1424
rs72637550	A	0.0606
rs146074043	T	0.1547
rs72750761	C	-0.1227
rs17351243	A	0.0353
rs821618	A	-0.039
rs145397092	A	-0.1404
rs139339865	G	0.1274
rs17435109	G	-0.0457
rs12057284	T	0.161
rs116359049	G	0.1851
rs4578194	T	-0.0395
rs1974075	T	-0.0374
rs112039218	C	0.1975
rs12748214	A	0.0738
rs78342291	C	0.2084
rs6656521	C	-0.0589
rs114489917	T	-0.2519
rs72680018	C	-0.1612

rs113596134	T	-0.2535
rs12142898	T	0.1068
rs2180750	T	0.0403
rs114543753	A	-0.1166
rs7416003	A	-0.0862
rs17131635	T	-0.0387
rs138510177	A	-0.1578
rs10482808	A	0.1619
rs6427541	T	-0.0569
rs116754882	C	0.0819
rs9700646	T	0.0584
rs138638077	A	0.1144
rs79949950	A	-0.15
rs4951267	G	-0.0575
rs603005	T	-0.0408
rs1294249	G	0.0602
rs75227907	T	0.0807
rs12756041	C	0.0631
rs114990734	C	-0.0607
rs112449650	A	0.0927
rs4650109	G	0.2122
rs1008078	T	0.0364
rs12075743	C	-0.0931
rs2761504	G	-0.0476
rs140371183	G	0.1868
rs148231086	T	0.154
rs10916214	A	-0.0492
rs384893	A	0.0502
rs10754313	T	0.1693
rs141795791	A	0.0879
rs11587322	C	0.1241
rs946242	A	-0.115
rs12125032	C	0.0414
rs2480244	C	-0.0607
rs78661642	A	-0.2738
rs147579949	A	-0.1128
rs605895	T	-0.0349
rs72749332	A	0.2543
rs7521568	C	-0.202
rs4652989	C	0.0354
rs145565738	T	0.128
rs151250811	T	0.1287
rs12564899	G	0.0412
rs12130530	T	-0.0366
rs10858026	T	0.0434
rs476490	G	0.1039
rs12029024	T	-0.0634

rs72764308	C	-0.1256
rs113244321	C	-0.2262
rs2820579	A	-0.0634
rs115156943	G	0.2732
rs150915385	A	0.259
rs41285000	T	0.1799
rs6680807	C	0.0536
rs4357565	C	-0.0531
rs17612648	G	0.2334
rs79756798	C	0.0931
rs76936487	T	0.1937
rs143353772	G	0.1851
rs9728563	G	0.0657
rs77654292	T	0.1262
rs452132	A	0.036
rs145493176	C	0.1253
rs76529943	T	-0.0619
rs1571965	T	0.1532
rs6687891	C	0.1014
rs61821321	C	0.1236
rs141749221	A	0.1272
rs111652150	T	-0.3042
rs77141950	A	0.0649
rs12133510	A	-0.0375
rs12046142	A	0.0352
rs144427379	A	0.2527
rs12082327	T	-0.1402
rs11119801	A	-0.2017
rs72675147	A	0.1828
rs10912505	G	0.0362
rs947211	A	-0.0399
rs2632300	A	-0.0365
rs147495632	A	-0.2368
rs625643	T	0.041
rs138574346	A	0.1244
rs74131681	C	0.1747
rs114304856	T	0.205
rs145629160	A	0.1649
rs12404235	T	-0.1294
rs10495182	C	-0.0491
rs2132443	T	-0.0386
rs911246	A	-0.0683
rs814320	C	-0.0439
rs6425558	C	0.0441
rs3856087	A	0.0354
rs72694438	A	0.0481
rs116065483	T	0.1149

rs10927959	A	-0.0343
rs6668942	T	0.0902
rs12081908	T	-0.0493
rs34441207	T	0.0448
rs6604664	C	0.0399
rs3856265	A	-0.0431
rs115015609	C	0.2267
rs76163226	G	0.1855
rs4844512	G	0.0539
rs2275264	G	-0.0477
rs657436	T	-0.0506
rs74051929	T	0.1538
rs35787990	G	0.0484
rs11811663	T	0.0702
rs4655858	T	-0.0931
rs76302239	C	0.2019
rs72757414	G	0.0781
rs55702221	A	-0.0614
rs2185285	T	0.038
rs144614611	T	0.1576
rs77440112	T	-0.1229
rs34234499	T	-0.1226
rs7534177	G	0.0677
rs79101547	A	-0.2588
rs17421247	T	-0.0397
rs72663471	T	0.0809
rs142247540	G	-0.2961
rs7418365	G	-0.0366
rs8179291	C	0.0471
rs9660186	G	0.0392
rs116272947	C	0.1952
rs77059386	C	-0.1367
rs7416158	A	0.041
rs139736570	G	0.2446
rs115544062	C	0.1532
rs2246670	G	0.0404
rs143951536	T	-0.2228
rs11162827	T	0.1469
rs111731378	T	0.1467
rs10874175	C	0.0415
rs555671	A	0.0774
rs79502515	T	-0.1585
rs11263928	C	0.2287
rs1749440	C	-0.3123
rs111646686	C	0.1718
rs325888	A	0.0934
rs76846867	A	-0.0869

rs3010094	C	0.047
rs80179883	C	0.1668
rs6696988	T	0.1062
rs146389272	A	-0.1772
rs12138984	A	-0.0859
rs115757931	T	-0.1192
rs34158521	G	0.1763
rs146379341	A	-0.2458
rs4950840	T	0.0358
rs75796399	C	-0.1862
rs12739119	A	-0.1027
rs10913349	A	-0.038
rs115752298	A	-0.1048
rs72677941	C	0.1672
rs59019561	A	0.0816
rs3845631	C	-0.1876
rs1930564	G	0.0354
rs115328938	G	0.1292
rs11184457	A	0.063
rs77354825	C	0.1505
rs67398618	T	0.0545
rs11803296	T	-0.1345
rs10779675	C	0.0486
rs2841899	A	0.0943
rs16824722	G	-0.058
rs352683	A	0.0459
rs116074981	G	-0.2229
rs56766546	G	0.0521
rs1646771	G	0.0399
rs114847706	T	-0.1914
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rs55723005	T	0.0688
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rs6426321	C	0.0441
rs2182426	A	0.0638
rs1581872	C	-0.0371
rs11185389	A	0.0337
rs12129671	C	0.2217
rs148635459	C	0.0565
rs79508632	T	0.0845
rs2889481	G	0.0704
rs79346115	G	0.2261
rs1582102	G	0.1162
rs6683989	C	-0.0535
rs820671	A	0.0681
rs17385679	G	-0.2091
rs71639172	G	0.1213

rs915357	G	0.0359
rs72760462	A	0.0759
rs76916852	T	0.2408
rs61770557	G	-0.0558
rs10158075	G	0.0457
rs75733997	T	0.1022
rs115867607	T	0.0954
rs75395287	C	0.1314
rs61825209	C	0.0494
rs1777262	T	-0.0379
rs111416555	T	-0.1913
rs12047248	C	0.0473
rs77641164	G	0.1152
rs114904830	T	0.211
rs78809121	C	-0.0518
rs11806983	T	0.099
rs2054020	C	-0.0363
rs61025842	A	0.0458
rs61602656	C	0.0617
rs79876858	T	0.0888
rs11589962	G	0.1224
rs115820308	T	0.1697
rs17638705	C	-0.1024
rs12123023	T	0.0374
rs12044266	G	-0.076
rs4276916	G	0.0353
rs79075972	T	-0.0919
rs7549511	G	0.0375
rs2075864	G	0.0361
rs4390219	T	0.0382
rs72683359	T	-0.0835
rs35841185	T	-0.0977
rs16834824	T	0.1247
rs12048139	A	-0.042
rs17117853	A	-0.0738
rs114223846	T	0.178
rs145007396	G	-0.0872
rs12049513	C	-0.0683
rs10800042	G	0.0454
rs12408571	C	0.0349
rs2670442	A	-0.0836
rs10918709	G	-0.0378
rs12408792	G	0.0383
rs80169561	A	0.1933
rs164424	C	-0.0608
rs16851112	A	0.0599
rs150406771	T	-0.2049

rs139246828	G	0.161
rs2235935	T	-0.0561
rs10799911	G	-0.0744
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rs114042989	A	0.2142
rs111380034	C	-0.2432
rs4462141	C	0.0353
rs7514136	G	-0.0712
rs735475	G	0.1627
rs12029581	C	0.035
rs1590900	G	0.1215
rs116834548	A	-0.0879
rs75103264	G	0.091
rs6661718	T	-0.0372
rs141843009	G	0.2235
rs72642355	G	-0.134
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rs61815922	A	-0.1152
rs7518785	T	0.0349
rs12136001	A	-0.075
rs1175056	C	-0.0639
rs114467561	G	0.1096
rs61838193	G	-0.1636
rs61748637	G	0.0817
rs115044898	T	-0.2674
rs6704267	C	-0.0345
rs138942670	C	0.3271
rs77203605	T	-0.0829
rs116488331	T	-0.1283
rs4141867	C	0.0345
rs111972115	T	-0.1128
rs12046950	C	-0.0414
rs564807	G	-0.0427
rs12723208	G	-0.0452
rs34349246	T	0.1391
rs4970443	A	-0.2587
rs590041	T	-0.036
rs997474	C	0.0545
rs35494358	A	-0.1346
rs11583078	G	-0.036
rs148676155	G	0.1384
rs10900474	A	0.0972
rs115808692	A	-0.1458
rs78035954	A	-0.0566

rs7529340	A	-0.1586
rs7546346	T	-0.0479
rs6428998	A	0.0356
rs61824464	A	0.0892
rs76122590	T	-0.2489
rs77016325	A	0.1789
rs17390990	C	0.0404
rs75400926	C	-0.0691
rs1498350	C	0.0335
rs60209947	A	-0.1209
rs6540803	T	0.0511
rs1151655	G	-0.0796
rs7512723	T	-0.035
rs1342081	T	-0.0345
rs79864854	G	0.2571
rs4659764	G	0.0374
rs12746024	A	-0.0364
rs1679966	C	0.0497
rs7538333	C	-0.0339
rs12131898	A	0.0345
rs112929602	C	0.1055
rs613922	A	0.0537
rs2053509	C	-0.0362
rs12028395	T	-0.0359
rs72743511	T	0.1188
rs61831996	C	-0.0706
rs2086650	T	-0.0343
rs67867153	G	0.0719
rs150793953	A	0.1416
rs10916672	C	0.0452
rs1410245	G	0.0424
rs78545514	T	-0.1443
rs77426774	T	-0.0493
rs72735621	C	0.2729
rs111331208	A	-0.1346
rs75082097	T	-0.191
rs115215427	C	0.2399
rs12128339	C	0.0461
rs72686913	A	0.1495
rs112672202	T	0.1612
rs2737637	T	-0.0784
rs11204539	C	0.1126
rs146673215	A	0.1169
rs599569	C	0.0376
rs61780920	T	0.1063
rs798028	C	0.0946
rs11582873	T	0.1695

rs6675650	C	-0.0385
rs78186327	A	0.0765
rs12747947	T	0.1514
rs4658122	C	-0.0424
rs3927765	C	-0.0446
rs608202	G	0.2763
rs1277221	T	0.0393
rs145397018	T	0.1402
rs7540098	G	0.1026
rs76407803	T	0.2296
rs7512513	C	0.0443
rs17463531	A	-0.0801
rs17502365	T	0.1295
rs111376060	C	-0.2347
rs75191218	A	-0.1101
rs2566757	T	0.0492
rs987319	T	-0.0802
rs77962848	C	0.0955
rs7523985	G	0.0369
rs10912463	T	0.0487
rs3754481	A	-0.0781
rs12045788	C	0.2721
rs59932910	T	0.1567
rs10518658	C	0.0691
rs6672691	G	0.0462
rs116009627	T	0.1756
rs2651240	A	0.1742
rs140055706	G	-0.2077
rs72656584	C	-0.1045
rs114726171	A	0.0471
rs35144622	T	0.1536
rs10494494	T	-0.0494
rs78000481	T	-0.1044
rs291111	C	0.1433
rs77794911	G	0.0785
rs143000855	T	0.0909
rs12070183	A	-0.0519
rs17525106	G	-0.0517
rs139781255	T	0.1499
rs76278725	A	-0.212
rs9425887	A	0.0863
rs116460664	C	0.1606
rs116902644	C	-0.1971
rs549393	T	0.1316
rs10911872	C	-0.1262
rs1767919	C	-0.0405
rs141780613	C	0.1441

rs75330564	A	0.1775
rs11121404	G	0.0458
rs116745525	A	-0.2243
rs3820556	G	-0.1174
rs11582339	T	0.0382
rs7551586	A	0.0658
rs72740520	G	0.1504
rs150711386	T	-0.1525
rs7553558	A	-0.1378
rs41314264	A	-0.1154
rs34158391	C	0.0433
rs112956836	A	-0.1559
rs6670327	C	-0.0354
rs10798670	G	-0.0661
rs12132760	T	-0.1492
rs6684192	C	-0.0588
rs12754929	T	-0.0643
rs116166005	C	-0.1054
rs112524224	A	-0.1458
rs9943217	G	-0.0424
rs144380007	T	-0.1617
rs75702822	T	-0.1628
rs35039660	C	-0.1291
rs12133524	C	-0.0631
rs74136057	T	0.0534
rs3004081	A	-0.0497
rs706482	A	-0.0386
rs4839487	C	0.1009
rs2358205	A	-0.0334
rs34480358	A	-0.0777
rs61826219	C	0.1377
rs2298801	G	-0.0361
rs75226137	G	0.2941
rs34495711	G	0.1557
rs2782786	C	-0.0355
rs114680626	A	0.1135
rs77817173	C	0.1574
rs114162378	T	0.0967
rs6682523	A	-0.0576
rs79678237	G	0.0764
rs145028885	A	-0.1712
rs6671071	T	0.0764
rs76958559	A	0.1599
rs1180272	G	-0.059
rs78826493	T	0.1014
rs10798780	A	-0.0335
rs112712327	C	0.1691

rs12354077	C	-0.2002
rs72639062	G	0.0927
rs11206287	T	-0.0429
rs6667711	C	0.0586
rs72681330	A	-0.0341
rs860372	G	0.2186
rs114053412	A	-0.1737
rs74048003	G	0.0609
rs76615408	A	-0.2421
rs34496347	T	0.1646
rs354590	A	-0.0412
rs938128	C	-0.0415
rs7539076	C	0.2175
rs12027278	C	-0.0415
rs111758308	G	0.1453
rs112196627	A	0.0978
rs7551781	C	0.0381
rs72760323	A	-0.0559
rs141206156	T	0.1971
rs2389163	T	-0.0455
rs10494504	G	0.0541
rs1033409	G	0.089
rs1890933	A	0.0721
rs72631022	T	0.2067
rs6704244	G	0.0352
rs115057948	G	-0.0903
rs113520740	G	-0.1004
rs79654750	G	0.0732
rs1498941	A	-0.0334
rs61810746	T	0.0726
rs11572501	A	0.1628
rs146779946	T	0.0856
rs12086692	T	0.1178
rs2892738	G	0.0439
rs4845006	A	0.0351
rs77613911	C	0.1041
rs10753793	A	-0.0353
rs6681324	A	-0.0382
rs75306789	T	0.1036
rs72679322	A	-0.1848
rs75371750	A	0.0584
rs4648487	C	0.0368
rs114429808	G	0.2504
rs67311156	G	-0.3065
rs72742757	C	-0.0976
rs4040747	G	-0.0489
rs10801294	G	0.0637

rs111999640	A	0.1242
rs4088634	A	-0.0382
rs11804833	T	0.0488
rs41282500	A	-0.0468
rs36194643	G	-0.0464
rs1338610	G	-0.0408
rs565953	C	0.0333
rs113526584	G	0.1694
rs2065929	G	0.0494
rs872315	T	-0.0708
rs12118318	A	-0.0615
rs12048986	T	0.0452
rs74072547	A	0.1144
rs12121785	T	0.0358
rs76009378	A	0.2706
rs1338570	G	-0.034
rs41300331	A	0.1545
rs114915721	A	0.1726
rs1691249	G	0.0559
rs12064904	C	-0.0749
rs9659385	T	-0.0725
rs1756921	A	-0.0415
rs1367448	A	0.0373
rs145060536	A	0.1441
rs16855634	G	0.0555
rs116117289	T	-0.1695
rs114956574	C	-0.3036
rs45456795	T	-0.0697
rs72729823	G	-0.0818
rs12034639	A	0.0337
rs3813	A	0.1528
rs2168338	A	-0.0438
rs1798246	C	-0.0329
rs71666243	G	0.0721
rs1814051	C	-0.0335
rs140220394	T	-0.2582
rs79945145	G	0.1396
rs3013080	T	0.073
rs6699979	C	0.0485
rs12026239	T	-0.035
rs76964137	A	-0.21
rs56172343	C	0.1191
rs114241830	A	0.252
rs6670240	A	-0.2147
rs80056967	A	-0.2223
rs7542916	T	-0.0766
rs11249216	T	-0.0504

rs12136041	A	0.0636
rs116453184	G	0.0838
rs61768891	A	-0.2058
rs76560645	G	0.1521
rs3795646	A	0.0412
rs12408207	T	0.0377
rs76181623	A	0.203
rs12126188	A	0.1506
rs78520735	A	0.194
rs74135716	T	-0.1684
rs115548021	C	-0.2414
rs12124446	A	-0.0981
rs145331426	A	0.0838
rs115770695	G	0.1843
rs12044134	C	-0.1245
rs650707	A	-0.0518
rs10803359	A	0.0365
rs11580932	T	-0.0826
rs115804585	C	-0.2252
rs75462238	A	0.1127
rs17047230	A	0.126
rs138522144	T	0.2196
rs6672308	A	-0.038
rs1486475	T	0.0376
rs342826	T	0.0431
rs6695139	T	0.0376
rs55710390	T	-0.1704
rs12120860	A	0.1432
rs12025599	C	-0.0456
rs76678038	A	0.1604
rs2318298	T	0.0343
rs813762	A	-0.0899
rs116179833	C	-0.1416
rs9437816	A	0.1665
rs77566509	T	-0.1547
rs2148639	T	0.1431
rs9324141	T	-0.059
rs4661330	G	0.0391
rs17492693	C	0.121
rs11163189	T	0.0581
rs1932334	G	-0.1745
rs72737111	G	0.2096
rs1770372	C	0.0617
rs12081530	A	-0.034
rs72700494	G	-0.0481
rs10917002	T	-0.059
rs61782546	T	-0.1506

rs144164086	C	0.2112
rs150915618	T	-0.2303
rs12410137	G	-0.0975
rs60552079	G	0.0724
rs61769802	A	0.1395
rs11161735	C	0.0387
rs472188	A	0.0608
rs74901015	G	-0.0855
rs12022854	T	-0.0489
rs116026298	T	-0.122
rs17126229	A	0.0374
rs141636220	T	-0.0648
rs56278097	G	0.0859
rs10494363	A	0.0609
rs72663970	G	-0.1784
rs138043272	A	0.1802
rs852996	A	0.1196
rs77672058	T	-0.1733
rs12097905	A	0.0546
rs72701252	A	0.2788
rs138214725	C	0.1705
rs1832047	A	-0.0588
rs3766550	T	0.058
rs77996609	T	0.126
rs116211115	A	-0.1174
rs12074878	A	0.0409
rs1887808	A	-0.0344
rs12083630	G	-0.0334
rs984271	G	0.0352
rs166604	T	0.043
rs17536473	C	0.0618
rs9662965	T	-0.161
rs10922782	T	-0.1006
rs74969528	A	0.0764
rs568909	G	0.0557
rs79120565	T	0.1419
rs6659397	C	0.0357
rs3002129	G	-0.0508
rs61841187	C	-0.0505
rs10796975	A	0.045
rs10492924	A	0.139
rs148871311	A	-0.0935
rs907057	A	0.0328
rs10914841	A	0.044
rs141827874	T	-0.1466
rs147634201	C	0.1463
rs6664100	C	-0.0989

rs6685752	G	0.0906
rs9970908	G	0.0825
rs12385740	A	0.115
rs145137351	T	0.0934
rs75665301	G	0.1575
rs11208946	C	-0.046
rs4845698	A	-0.1578
rs72752593	T	0.1703
rs12145173	T	-0.0398
rs10782760	A	-0.0343
rs4658413	C	-0.0462
rs6671901	T	-0.0433
rs114997913	T	-0.1332
rs2479412	G	0.0803
rs7513180	A	-0.0438
rs56017365	A	0.1316
rs12081912	A	0.0496
rs2816041	A	0.0335
rs28510979	A	-0.093
rs145909328	T	0.0931
rs113372905	T	0.2551
rs7515011	C	-0.0588
rs143833690	T	-0.2282
rs2793634	G	0.0415
rs2861917	T	0.2032
rs55654754	G	-0.0387
rs141927846	A	-0.1511
rs116606329	C	0.2432
rs140524905	T	-0.229
rs34756201	A	-0.1865
rs76232329	C	0.2562
rs574954	A	-0.0703
rs150078601	A	0.2103
rs618779	C	0.0367
rs138704523	A	0.2033
rs6540483	G	0.0956
rs116241056	G	0.2646
rs6427053	C	0.0452
rs72735517	C	0.0812
rs71647012	C	0.1019
rs147755353	C	-0.2729
rs7410964	G	0.0411
rs10911054	C	-0.0344
rs79346361	A	-0.1313
rs882478	T	0.0634
rs6675844	A	0.0551
rs34761229	T	0.0414

rs12121937	A	0.0612
rs10494531	T	0.0461
rs141699997	A	-0.0923
rs11586126	T	0.0677
rs2232842	C	0.1145
rs12133288	A	0.2387
rs817388	A	0.0507
rs12119808	G	0.0331
rs141904975	T	0.2558
rs10753902	T	0.0367
rs17259527	T	0.0961
rs12737976	A	0.0616
rs272500	A	0.0336
rs76473235	G	0.1185
rs56367429	A	0.0707
rs145616618	C	0.2137
rs111732473	T	-0.1041
rs1233814	T	0.0396
rs12410581	A	0.0392
rs144191026	T	0.1663
rs17105974	G	0.0674
rs2363561	T	0.0345
rs581587	T	-0.0423
rs12125626	G	-0.0332
rs72676073	G	0.1085
rs116654247	T	-0.1464
rs17420873	A	0.1753
rs10158496	C	0.034
rs61823663	T	-0.0823
rs479807	G	0.0329
rs2356385	C	-0.0639
rs61812687	A	-0.115
rs79315100	T	0.1395
rs28469253	G	0.0469
rs56903400	G	0.2171
rs147452080	T	0.1853
rs2100516	G	0.0378
rs3766924	T	-0.0409
rs111360221	T	0.0484
rs150809061	A	-0.1499
rs113070999	A	0.2716
rs11185125	T	-0.0332
rs78737903	G	0.161
rs12567336	A	-0.045
rs12404040	T	0.0817
rs12142958	A	-0.0332
rs114034661	G	-0.3181

rs1136348	T	-0.0448
rs55958267	C	-0.0329
rs11118841	T	0.1325
rs7525541	C	0.039
rs75988537	T	-0.0583
rs7547238	T	0.0346
rs114350361	T	0.2049
rs145075626	G	0.1702
rs7554267	T	0.0376
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rs148638480	T	0.1658
rs1017767	A	0.0634
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rs61831141	C	-0.0522
rs6680748	A	0.0425
rs75353683	C	0.1047
rs71642221	G	0.1059
rs149992425	C	0.2517
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rs17537105	C	0.1306
rs79002750	A	-0.1598
rs780232	G	0.0362
rs115589536	T	0.1843
rs41267523	G	-0.1331
rs1254100	T	0.0415
rs2782933	C	-0.0391
rs10803172	C	-0.0468
rs79453445	A	0.0985
rs16859332	A	0.1267
rs3195954	C	-0.0426
rs3918018	T	0.1305
rs34995122	C	0.0701
rs12750902	C	-0.2653
rs148055865	A	-0.128
rs115324946	A	-0.1624
rs9661442	T	-0.0562
rs12743364	T	0.0898
rs75477420	G	-0.2425
rs12096885	G	0.0497
rs11204849	A	0.0743
rs72725009	T	-0.105
rs10443224	C	0.0473
rs7553718	T	0.0335
rs9424617	A	-0.0452
rs55667496	G	-0.1071
rs6687264	C	-0.0556

rs36023544	T	-0.138
rs1589263	G	-0.0552
rs546975	T	0.1033
rs79578204	T	-0.2824
rs76531788	T	0.1231
rs12125382	C	-0.086
rs4987079	T	0.0911
rs17267227	C	0.0833
rs17382996	A	0.0854
rs1166343	A	-0.0841
rs3845366	A	-0.0463
rs151181972	T	-0.2745
rs79171771	C	0.13
rs17414421	A	0.0556
rs55656416	T	-0.0414
rs6659011	C	0.0502
rs76944438	T	-0.1686
rs72702791	G	-0.1113
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rs17495152	C	-0.1528
rs12067269	G	-0.033
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rs114447087	A	-0.2141
rs2104415	G	0.0355
rs61765119	A	-0.1385
rs115543441	C	0.3197
rs72689820	A	-0.1629
rs71633877	A	0.1048
rs12565150	A	0.0418
rs2820855	A	0.0503
rs2615812	C	-0.0424
rs78695991	A	-0.1452
rs60598073	G	0.0472
rs2477861	T	0.0435
rs10924089	G	0.1262
rs2615074	A	-0.0348
rs142412138	A	0.1059
rs149091181	T	-0.1509
rs144740194	T	-0.1825
rs114984873	T	0.1727
rs1865225	A	-0.0346
rs74732603	A	0.1241
rs2666859	T	0.042
rs116658355	G	0.1682
rs7523841	G	-0.0418
rs611774	T	-0.0492
rs7540170	T	0.0373

rs617545	C	-0.1406
rs72759851	T	-0.0674
rs7554651	A	-0.0321
rs138999208	G	-0.1839
rs61763943	G	0.1197
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rs11811454	T	-0.0347
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rs4656613	A	0.0385
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rs148261599	G	0.0711
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rs7542533	C	-0.033
rs1889233	A	0.0483
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rs11578906	A	0.0417
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rs11584894	T	-0.0368
rs11240502	A	0.0347
rs7529254	T	0.0334
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rs142427241	A	0.0994
rs36114990	T	0.0543
rs17185520	A	-0.0434
rs3125833	A	0.0421
rs149152049	A	0.1596
rs12134278	A	0.1091
rs1005298	A	-0.0328
rs7542125	C	0.0393
rs79156814	A	0.2046
rs6676318	C	-0.0445
rs2404354	T	0.056
rs7536709	T	-0.0404
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rs116825850	T	0.134
rs115839163	C	0.2703
rs952499	C	0.0333
rs115285348	A	-0.1026
rs61785853	C	0.1066
rs61784708	A	0.0645
rs12034727	A	-0.0327
rs2486763	T	0.1239
rs10494797	T	0.0338
rs17611358	A	0.0392
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rs1376811	T	0.0349
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rs78806314	T	0.1345
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rs76764035	G	-0.1692
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rs150908968	G	-0.1628
rs12566397	A	0.0356
rs10430061	A	-0.0497
rs114488795	G	0.2398
rs10157598	C	0.2025
rs12042160	G	0.0526
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rs59131085	T	-0.11
rs141072198	A	-0.2078
rs12727697	T	0.1676
rs149870992	T	0.2664
rs142493374	A	0.1213
rs112337347	A	0.1493
rs12567794	T	-0.0457
rs1007831	A	-0.038
rs6659725	G	-0.1217
rs411362	A	0.0725
rs4949252	T	0.0763
rs34849116	A	0.0795
rs1019830	T	-0.0339
rs115386319	G	0.1894
rs13343108	C	0.0385
rs616690	A	-0.1616
rs73023419	T	0.0572
rs148773548	T	0.2185
rs114052415	T	0.1637
rs709704	C	0.0341
rs147515778	T	-0.0929
rs4423078	T	-0.0377
rs7527953	T	0.0348
rs76636864	A	-0.0512
rs79411113	G	0.1857
rs10908551	G	0.063
rs114072431	A	-0.1304
rs9435019	G	0.0709
rs113324056	A	-0.1056
rs111692157	A	0.1388
rs115351548	T	0.2005
rs80341783	G	-0.0933
rs1499395	A	0.0322

rs12040963	T	0.0683
rs7514352	A	0.08
rs12047365	C	0.078
rs12409155	T	0.0615
rs72632876	G	0.0335
rs7524862	T	0.0383
rs6678355	G	0.0452
rs72699727	G	0.2069
rs76524868	A	0.1279
rs1603053	T	0.0789
rs141286754	A	-0.104
rs79570899	T	-0.1072
rs12041443	G	0.0339
rs12735764	C	0.1768
rs12748999	C	0.0656
rs10881465	C	-0.032
rs2661818	C	-0.0331
rs10925871	A	0.0422
rs116197832	A	-0.1766
rs2494887	C	0.043
rs150270663	C	0.2129
rs72668245	T	-0.0828
rs1832087	G	-0.1092
rs139615499	T	0.1099
rs3737593	G	0.0491
rs139848457	G	0.156
rs116602592	A	0.123
rs1340760	C	0.0383
rs4839371	T	0.0655
rs7555467	T	-0.0367
rs149967238	T	-0.1077
rs1780365	A	0.0329
rs12135627	A	0.1109
rs149171534	A	0.2033
rs1494121	A	-0.0973
rs111418312	T	-0.2634
rs6661561	A	0.0378
rs12035493	A	0.0365
rs76881198	T	-0.164
rs704328	T	0.0321
rs78696654	C	0.0788
rs72981743	T	-0.0686
rs74900976	A	0.0995
rs56021911	A	0.1315
rs6657076	T	0.157
rs1323125	G	0.0798
rs72651546	C	-0.0706

rs72656036	T	-0.0852
rs56296024	G	0.0563
rs17455546	C	0.049
rs12749443	A	-0.0707
rs11184633	T	-0.0379
rs77081329	A	0.1382
rs614320	T	-0.0805
rs570107	G	-0.0517
rs6673535	C	0.0346
rs770712	G	0.0423
rs615080	C	-0.0485
rs115279245	A	0.0935
rs72730678	G	0.1172
rs11583853	T	-0.1149
rs61759168	C	-0.0838
rs17236050	G	-0.0339
rs143521950	A	0.1725
rs1252132	G	-0.0492
rs111347115	G	0.0915
rs116073259	C	0.2417
rs115091535	T	0.2392
rs10493318	C	-0.0339
rs10737197	A	-0.032
rs17393206	T	0.1121
rs339570	A	0.0472
rs116252612	C	-0.2094
rs114312864	C	0.0871
rs7542970	A	0.1024
rs78489382	G	-0.2221
rs61779018	A	-0.1533
rs7534339	C	-0.0378
rs138764426	C	-0.2725
rs477155	G	-0.0409
rs116295773	G	0.1949
rs6688544	C	-0.0317
rs4648451	A	0.0439
rs114082130	A	-0.1294
rs75808047	A	-0.1808
rs6683116	T	-0.0466
rs641952	G	-0.0903
rs2088104	C	0.1764
rs12042301	A	0.1072
rs17388638	A	-0.2161
rs10158174	C	0.2568
rs4288546	C	0.1149
rs333957	G	-0.0393
rs75742872	T	0.091

rs61773980	G	-0.0752
rs57983726	A	0.0717
rs11586173	A	0.0343
rs7528436	A	-0.0445
rs17454536	A	-0.0816
rs10915562	A	0.0431
rs111382161	T	0.0422
rs11582374	T	0.0335
rs10801017	G	-0.0634
rs144255141	C	-0.0934
rs145409717	A	0.139
rs11120972	G	0.0377
rs11590995	C	-0.0711
rs12068489	C	0.0642
rs2819367	T	-0.0363
rs76532116	A	-0.1153
rs72666985	T	-0.0641
rs146928721	A	-0.0667
rs61820699	C	0.0657
rs61809497	T	0.1394
rs6658046	T	0.0636
rs75688850	C	0.1747
rs11161618	T	-0.0328
rs80123086	A	-0.0689
rs501260	C	0.0366
rs570421	A	-0.1178
rs616378	T	-0.0732
rs17131039	T	0.1054
rs10874851	A	0.0315
rs35436045	A	0.0966
rs146700447	A	0.0892
rs72641774	G	0.12
rs74123088	T	-0.128
rs141186972	T	0.2099
rs116945620	A	0.3264
rs115943891	C	0.0415
rs137918185	A	0.1256
rs2378788	A	-0.0361
rs11804900	A	0.0326
rs12130551	G	-0.0355
rs6429256	T	-0.0481
rs323713	T	-0.0359
rs1281188	G	0.0423
rs3753587	A	-0.0414
rs45572833	A	-0.1353
rs4908753	C	-0.0559
rs2245920	G	0.0599

rs3906232	A	-0.0762
rs61851764	T	-0.1023
rs590368	A	0.034
rs116126380	A	-0.1004
rs79534351	G	-0.3106
rs10874425	A	-0.1986
rs12406851	A	-0.0332
rs111937937	A	0.212
rs11577775	C	0.0444
rs72694820	G	0.18
rs11206104	G	-0.0423
rs7535288	G	-0.035
rs7535152	G	-0.068
rs34114668	G	-0.0719
rs78367025	T	-0.1481
rs80202405	A	-0.1824
rs117302037	T	0.0605
rs6665242	C	0.0525
rs7536356	G	-0.075
rs61818575	G	0.06
rs2873553	G	-0.0542
rs114016347	A	0.1344
rs17497383	T	0.0942
rs16846735	A	-0.0396
rs76334534	T	0.0964
rs112016665	A	-0.1426
rs12135654	C	0.1721
rs55708311	A	0.0854
rs12129487	G	-0.1079
rs12140153	T	0.0666
rs72665836	A	0.044
rs4839301	T	0.1184
rs57680669	T	0.0326
rs79956922	A	-0.0806
rs2244857	C	-0.0545
rs2502318	C	-0.0357
rs3935940	G	-0.2454
rs59530074	T	0.0397
rs7526426	C	-0.0351
rs76735822	C	-0.1234
rs12742895	G	-0.1132
rs3001722	A	-0.2083
rs10890398	C	-0.0468
rs7546764	T	0.0673
rs11102000	C	0.0346
rs79061845	C	-0.0802
rs113283353	A	0.0774

rs4844573	C	-0.0341
rs76541192	T	0.2012
rs1977414	T	-0.0348
rs2226179	T	-0.037
rs41308389	G	-0.1236
rs338932	C	-0.034
rs55819118	T	0.0733
rs4658835	A	-0.0389
rs72743357	G	-0.0442
rs235856	C	0.0361
rs1550970	T	-0.066
rs79583512	A	0.08
rs360087	A	-0.059
rs12745100	T	-0.0821
rs13376101	C	0.0606
rs12068666	T	0.0518
rs4545315	C	-0.0373
rs116604536	T	-0.143
rs7527386	T	0.0901
rs78095156	T	-0.2331
rs115618898	A	-0.1799
rs141167120	T	-0.1946
rs61763298	T	0.2255
rs1166868	T	-0.0371
rs1317631	C	0.0457
rs12047434	G	0.1015
rs116585916	A	0.1243
rs72695990	G	0.1099
rs3121622	T	-0.0327
rs17650492	C	0.117
rs12402310	T	-0.0647
rs4620600	G	-0.0399
rs10798715	C	-0.0767
rs278839	C	-0.049
rs2821023	T	-0.0505
rs75675868	C	0.1031
rs79915742	C	-0.0885
rs2821038	T	-0.0715
rs138033929	C	0.2793
rs34825404	G	0.0769
rs67978715	T	-0.2997
rs6667220	G	-0.0361
rs74737352	T	0.1097
rs74127990	T	-0.1295
rs114978803	A	0.1804
rs2135924	A	-0.0384
rs12049426	C	0.0559

rs72923401	T	-0.0489
rs78847517	C	0.1788
rs143013256	C	-0.0929
rs115651413	G	0.1972
rs7412729	G	0.1588
rs12760036	C	0.0562
rs4483451	C	0.0777
rs113362601	C	0.0932
rs11586669	T	0.1598
rs242044	G	-0.0321
rs79397849	A	0.1042
rs12141683	A	0.1938
rs146380617	A	-0.0864
rs7546439	T	-0.036
rs56113429	A	-0.0569
rs11578700	C	-0.0372
rs7526929	T	-0.0593
rs11264324	T	-0.062
rs71630256	T	0.0581
rs4344265	A	0.1529
rs4633289	C	-0.0881
rs150896255	A	-0.0579
rs12406113	A	0.1399
rs3766977	T	0.0474
rs12132738	C	0.038
rs34998634	A	-0.1277
rs2301056	C	-0.0341
rs4658914	C	-0.043
rs12035751	A	-0.0754
rs3752954	C	-0.0413
rs76891978	A	0.1955
rs12046698	A	-0.1773
rs139384581	T	-0.1467
rs113414440	C	0.0994
rs142267605	G	0.1843
rs61023741	T	0.0388
rs12565521	G	0.0499
rs11808494	G	0.0345
rs116487794	T	0.1093
rs1113484	G	0.0357
rs1405479	G	0.0624
rs12728917	C	0.0439
rs1856316	T	-0.0458
rs10924627	C	-0.2345
rs80196739	G	0.1304
rs1999885	C	-0.0683
rs1381526	C	-0.0411

rs61766772	A	-0.0814
rs556585	G	-0.0364
rs10429825	A	-0.0364
rs11120277	C	-0.1111
rs144863561	G	-0.171
rs3766465	C	-0.0441
rs116445288	C	0.1604
rs6679661	T	-0.0871
rs141306602	C	-0.1112
rs11587181	T	-0.062
rs116742627	T	-0.161
rs9442382	C	-0.0449
rs6541026	T	0.0411
rs78522870	C	-0.1343
rs1201157	A	-0.0331
rs71639048	A	0.1386
rs115791054	T	-0.1648
rs11808496	T	-0.0957
rs138060693	T	0.1202
rs4847258	A	-0.1271
rs35020920	A	0.0985
rs1246352	T	0.062
rs75686596	A	0.1083
rs80084090	G	0.1008
rs12119296	T	0.0862
rs74498361	A	0.0576
rs12732427	T	0.0397
rs1954264	T	-0.0425
rs7414690	G	0.0374
rs56205442	C	0.0827
rs883319	T	-0.0388
rs111776611	T	-0.1784
rs115911391	G	0.1899
rs13375925	T	0.081
rs72660365	A	0.1866
rs138296028	A	0.1633
rs11211290	G	-0.0546
rs11576327	C	0.0484
rs11579738	T	-0.0672
rs11185145	C	0.036
rs12132572	C	-0.0354
rs4915142	T	0.1358
rs12089242	T	0.2302
rs12059546	G	-0.0397
rs72753637	G	-0.0369
rs116016552	C	0.1041
rs149443789	A	0.1239

rs3900555	A	-0.0313
rs6427901	A	-0.0528
rs9919220	G	0.0423
rs12025243	T	-0.0337
rs11581770	G	0.1618
rs10218565	T	-0.0333
rs61825395	G	-0.2013
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rs947178	G	0.1032
rs3923962	C	0.0711
rs3766286	G	-0.0398
rs11161604	T	0.0897
rs11584227	C	0.0413
rs291095	G	-0.0381
rs7525979	T	0.0795
rs7517888	A	-0.0341
rs2495501	C	0.0512
rs10915880	A	-0.0518
rs11576620	G	-0.1514
rs78798498	A	-0.0923
rs61836866	A	0.0579
rs114677102	C	-0.1315
rs148521712	A	0.2266
rs1360733	A	-0.0437
rs145875360	A	-0.229
rs35030992	A	0.0764
rs77655020	C	0.136
rs147975232	A	0.1934
rs16838364	C	-0.1668
rs2138290	C	0.0491
rs1394882	T	0.0348
rs2294636	G	0.0319
rs2119336	G	0.0539
rs12069980	T	-0.0499
rs3920806	G	-0.0506
rs907187	G	-0.0424
rs115164216	C	0.1637
rs4970496	T	-0.0467
rs2789342	A	-0.0381
rs12734517	C	-0.1807
rs13374152	A	0.0691
rs17420782	G	-0.0429
rs144785574	T	-0.1291
rs17585810	T	0.0927
rs1621135	A	-0.0638
rs72694579	G	0.0793
rs4523495	A	0.0382

rs148923683	A	0.1714
rs4908488	C	-0.0447
rs10907223	A	0.0795
rs9437448	T	0.0427
rs6694531	C	0.0309
rs6679885	G	-0.0944
rs116611170	C	0.0967
rs10914201	T	-0.0348
rs112477277	C	0.1626
rs116132160	G	0.1285
rs6683111	T	0.0546
rs12409716	G	0.0322
rs78943498	A	-0.2026
rs16840993	G	-0.0525
rs6691909	A	-0.0314
rs74150740	A	0.1788
rs6427327	A	-0.0361
rs9429915	G	-0.0379
rs608346	T	0.0889
rs12117651	C	0.0339
rs3000156	T	-0.0683
rs75018600	T	-0.207
rs10874811	T	0.0407
rs10429892	G	0.031
rs59119364	T	-0.096
rs76565548	A	-0.1169
rs34471599	G	0.1972
rs74698167	A	-0.1111
rs72725162	A	0.1186
rs911234	T	0.0347
rs12408673	G	0.0338
rs74467347	C	0.1011
rs2298893	T	-0.096
rs78749904	C	-0.1549
rs1180383	A	0.0357
rs59209359	G	-0.0694
rs12409175	C	0.1678
rs2806427	T	-0.038
rs2782576	A	0.0697
rs114218990	A	0.1326
rs2068336	A	0.0352
rs12041021	A	0.079
rs10917945	A	0.0324
rs1779441	G	0.0316
rs75138502	C	0.2165
rs1427231	T	-0.0427
rs1886004	G	0.0522

rs61786216	A	-0.1497
rs41264881	C	0.0453
rs11582233	C	0.1444
rs74476360	T	0.1277
rs10753837	C	0.0615
rs28359647	A	0.1766
rs76006259	A	0.1011
rs12133766	A	-0.0639
rs77610528	A	-0.0601
rs17503667	A	0.1441
rs12137675	C	-0.0343
rs2821547	G	0.0379
rs6671147	G	0.0674
rs114322627	T	0.2007
rs56048691	A	0.2672
rs12096152	A	0.0375
rs17188679	T	0.1929
rs114659755	T	0.1569
rs41313882	A	-0.1702
rs148721133	A	-0.1343
rs112015720	C	-0.1476
rs72697756	C	0.1009
rs2786768	G	-0.0381
rs12740452	A	0.0314
rs146343718	A	-0.1495
rs12131332	A	0.0334
rs4488029	A	0.0322
rs115617321	A	0.1655
rs7551806	A	-0.0354
rs13302988	A	0.0628
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rs4481881	C	-0.0324
rs115224484	A	-0.1015
rs916394	G	-0.0462
rs147754718	C	0.2076
rs6429700	G	-0.0388
rs1998762	G	-0.0453
rs4652091	C	-0.0384
rs55933101	C	0.0673
rs1853782	C	0.0379
rs4920297	T	0.038
rs115333958	A	-0.2116
rs71653045	G	0.0399
rs895934	A	0.0514
rs671136	C	0.0402
rs12073093	G	0.0414

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rs41291502	A	-0.0825
rs2229450	A	-0.0346
rs2651909	A	0.1148
rs11586980	A	-0.0396
rs72632714	T	-0.0779
rs147247900	T	-0.0654
rs11580517	T	0.065
rs4648973	T	-0.0444
rs17424000	C	0.1525
rs78904621	C	0.0976
rs4494114	C	-0.0326
rs72752969	G	0.0624
rs112514144	A	-0.0994
rs17124480	G	-0.0396
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rs35014917	A	0.1635
rs12410139	G	-0.0495
rs114470872	T	-0.109
rs1204674	A	0.0352
rs139697447	A	0.1809
rs139722383	C	-0.1394
rs2734815	A	0.0382
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rs10754556	T	-0.12
rs72709691	G	0.0736
rs947344	T	-0.0451
rs76247987	G	0.141
rs77416609	T	-0.055
rs76870185	T	0.1768
rs2836	C	-0.0306
rs71512933	C	-0.1299
rs6662998	C	-0.0405
rs10913195	C	-0.0493
rs1411467	G	-0.0729
rs12025917	C	-0.0721
rs76638263	A	0.1021
rs41292651	C	0.1776
rs72707829	A	0.1983
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rs1093016	C	-0.0339
rs933001	C	0.0313
rs9658900	C	0.0956
rs12067797	G	-0.097
rs2884921	C	0.0365
rs35211473	T	-0.0562
rs60706151	G	0.057

rs645868	A	0.0407
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rs12126049	G	0.0621
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rs78738825	T	0.1579
rs149907464	C	0.2595
rs4512621	C	-0.0955
rs309485	G	-0.0687
rs12755479	A	0.0861
rs4578182	G	-0.0399
rs142082830	C	0.2771
rs2758656	G	0.032
rs1088441	T	0.0681
rs74948210	G	0.1558
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rs7530910	G	-0.0484
rs12756242	T	0.044
rs588246	C	0.0806
rs2037679	C	0.0562
rs79468905	T	0.0902
rs140664804	A	0.1391
rs7051095	T	0.1376
rs139080750	G	-0.1597
rs2802959	G	0.0538
rs12123582	C	-0.0572
rs145736721	T	-0.238
rs2576203	G	0.0488
rs17590104	G	0.0972
rs9440645	C	-0.0965
rs57441943	T	0.1901
rs7531212	G	0.0311
rs374007	T	-0.0415
rs6587910	A	0.1227
rs10754496	C	-0.2023
rs7539286	A	0.1039
rs12131205	G	0.0654
rs75007311	C	0.1997
rs12239208	T	0.0905
rs4658794	A	-0.0404
rs78903965	C	-0.1247
rs71653937	C	-0.1267
rs116069863	A	0.0906
rs12031746	T	0.0449
rs61780504	A	0.0309
rs11582450	A	0.0913
rs7551486	T	-0.0346
rs140426423	T	0.1928

rs2308950	T	-0.1974
rs36006526	A	-0.2065
rs897619	C	0.0417
rs7528148	G	0.0512
rs12117728	A	0.0491
rs6588338	T	0.0363
rs13447514	A	-0.1679
rs115422931	A	0.0966
rs115628221	C	0.0742
rs11211002	G	0.0319
rs6426994	A	-0.037
rs6663013	G	-0.031
rs7530939	T	0.0605
rs17406291	C	-0.0391
rs12745424	C	-0.0486
rs11102710	T	-0.0443
rs12138106	T	-0.1225
rs115312129	T	-0.1262
rs61222848	T	0.0853
rs2392859	G	0.0657
rs12405855	T	0.0443
rs12142027	C	-0.0476
rs11249089	A	0.0499
rs78652687	A	0.107
rs74866162	C	-0.0717
rs3000895	T	0.07
rs115275803	G	-0.0608
rs146705531	G	0.145
rs7525221	A	-0.0426
rs61825590	C	0.1616
rs78008994	T	-0.1786
rs12134795	T	0.0493
rs3117090	A	-0.0369
rs2065481	C	-0.0335
rs12406888	A	-0.0527
rs1018614	G	0.1193
rs61827281	A	0.1396
rs11211508	C	0.0425
rs145223164	C	0.19
rs78361046	T	-0.1004
rs56408651	C	-0.0854
rs1234304	T	-0.0372
rs142528261	T	-0.1929
rs114550186	A	0.1289
rs72953563	T	0.0627
rs6540935	A	0.1539
rs2485568	G	0.0362

rs7556506	G	0.0426
rs11577034	T	0.0555
rs12058490	G	-0.056
rs148082431	A	0.119
rs1876598	C	-0.0616
rs59853190	A	0.0329
rs12068332	C	0.0502
rs723821	A	-0.0494
rs34687326	A	-0.0862
rs71647133	A	0.148
rs72702756	A	-0.1271
rs11204538	C	-0.0363
rs76088680	T	0.0852
rs116489014	T	0.1594
rs12749547	T	-0.0671
rs12141381	A	0.035
rs12139097	G	0.1485
rs6674434	G	-0.2478
rs149720446	A	0.1424
rs113106636	T	-0.0951
rs112116518	A	0.0786
rs17113017	C	0.0542
rs71657290	T	0.187
rs143397080	A	0.2284
rs72742196	C	-0.0825
rs1213983	T	0.0423
rs138134531	G	0.258
rs951711	C	-0.0617
rs143951574	A	0.2862
rs6687475	G	0.0358
rs151201352	T	-0.0719
rs1282334	C	0.0309
rs10158328	A	0.0323
rs77973439	A	-0.114
rs10911710	T	0.0987
rs28914542	A	0.1579
rs72651458	A	-0.0385
rs115521300	G	-0.0942
rs235922	C	-0.0308
rs12043235	G	0.0326
rs12139126	C	-0.2808
rs66958114	T	-0.036
rs61773571	C	0.1173
rs12067856	C	-0.0432
rs7521765	G	-0.0477
rs80347210	G	0.0718
rs74487757	A	-0.0764

rs115927518	A	0.1296
rs4915477	A	0.0323
rs17098502	T	-0.1376
rs79832569	T	0.0816
rs12125520	A	0.0424
rs145487465	T	0.189
rs72674102	A	-0.1401
rs72742142	T	-0.1225
rs146340614	A	0.0495
rs12562823	C	0.0441
rs41264517	A	0.1208
rs112438759	G	0.1286
rs113694636	T	0.1673
rs141511255	T	0.1999
rs3855968	T	-0.1324
rs298451	T	0.0437
rs75567207	G	0.083
rs143703694	A	0.0903
rs17176041	T	0.0646
rs114084997	T	0.1391
rs10925529	T	0.0438
rs116121521	C	-0.0694
rs17025931	T	-0.0626
rs17434130	G	0.051
rs78747570	A	-0.1873
rs3010233	T	-0.0487
rs12735309	C	-0.0432
rs11585040	G	-0.0322
rs2154366	A	-0.0442
rs72761331	A	-0.1085
rs12031990	A	-0.0821
rs148541847	C	-0.23
rs7550997	A	-0.0388
rs140726631	T	0.1999
rs4949720	C	-0.0328
rs926683	G	0.0374
rs2181596	A	0.1081
rs72740652	T	-0.0956
rs72651326	T	-0.0712
rs59342046	C	0.0628
rs12401340	C	-0.0349
rs6685296	C	0.046
rs2027469	A	-0.0431
rs12133427	A	0.034
rs114027369	T	-0.2115
rs2853484	A	-0.0968
rs7555171	C	0.0476

rs116660507	G	0.1406
rs10159449	G	0.0555
rs4140519	T	-0.0325
rs4654184	A	-0.1436
rs1002681	T	-0.0315
rs78966901	A	0.0619
rs140968675	C	0.1721
rs113620386	A	-0.1697
rs2500496	T	0.0332
rs7515312	G	-0.0305
rs1056513	G	-0.0431
rs58891337	T	0.0464
rs11584713	A	0.0514
rs17434335	T	-0.0861
rs1270843	A	-0.0422
rs56005728	G	0.0375
rs310130	C	0.0561
rs67600458	C	-0.0786
rs10159090	G	-0.0376
rs72734740	G	0.1012
rs12139316	A	-0.2554
rs114178352	A	0.0848
rs13376022	T	-0.0722
rs11121146	C	0.0409
rs78346784	A	-0.1162
rs7523650	G	0.0648
rs77516966	C	-0.1581
rs61831279	T	-0.1337
rs997419	A	0.0462
rs7516155	C	0.0409
rs149325010	A	0.0642
rs75602318	A	0.0994
rs71653015	G	-0.2258
rs12132944	T	0.041
rs10864350	G	0.0381
rs61817648	T	0.1694
rs55714835	G	-0.0857
rs12569163	G	-0.0389
rs72647409	T	0.1091
rs10917668	A	0.0416
rs789188	T	-0.1188
rs61823568	A	-0.0346
rs114017068	A	0.1131
rs198376	G	-0.0605
rs61783264	T	0.0797
rs17303473	A	0.0411
rs1059625	G	-0.0301

rs12034263	C	0.0413
rs17360044	G	0.0842
rs144108408	T	0.0842
rs858592	C	-0.0933
rs35364384	A	0.1948
rs34809810	T	-0.1842
rs114772770	T	-0.1091
rs77738925	T	-0.0895
rs61827890	C	-0.1434
rs1856356	G	-0.0872
rs6703603	T	-0.0352
rs113137436	T	-0.175
rs1577955	G	-0.0374
rs72700220	A	-0.1042
rs1962725	A	0.0343
rs3736956	C	0.031
rs12036093	A	0.1915
rs61768902	G	0.0985
rs150732173	C	0.2493
rs72733659	T	0.1409
rs138487085	G	-0.1388
rs114182857	C	0.1689
rs4581264	C	-0.0467
rs1262265	T	-0.0361
rs56363138	G	-0.0912
rs115465289	A	-0.1644
rs10494113	T	-0.0314
rs5027046	C	-0.031
rs10494090	A	-0.0302
rs148831186	T	0.1157
rs142589146	A	0.1236
rs6703583	C	-0.0505
rs6674500	G	-0.0354
rs3820549	G	-0.0347
rs112495771	T	-0.189
rs6598962	A	-0.0319
rs114824803	T	-0.161
rs349430	T	-0.0402
rs11810184	G	-0.0414
rs77199053	T	-0.1214
rs10921148	T	0.0392
rs11119018	C	-0.0311
rs78501063	T	-0.1673
rs35008849	T	0.1662
rs999017	T	-0.0528
rs623448	G	-0.0378
rs2245122	T	-0.0344

rs2126342	C	-0.0334
rs76062133	T	0.1597
rs12747711	A	-0.0305
rs4076058	G	-0.0791
rs3003480	C	-0.08
rs146193695	T	-0.2784
rs2810781	A	-0.0662
rs9425283	C	0.0316
rs680382	C	-0.0333
rs75000987	G	0.068
rs9287010	T	0.1035
rs2761069	T	0.0575
rs2842909	T	-0.038
rs11122253	G	-0.0312
rs79633859	A	-0.0972
rs1725233	T	-0.0312
rs4845117	C	-0.0708
rs6697425	A	0.0606
rs78961122	A	0.1165
rs139280070	G	0.13
rs12129687	G	0.0413
rs12407007	T	0.0742
rs10863716	A	-0.1817
rs3014866	T	0.0362
rs61771497	C	-0.06
rs12119400	T	-0.1566
rs61770989	C	-0.0878
rs490285	A	-0.0305
rs111393187	A	-0.0399
rs78962493	G	0.1814
rs58201914	C	0.0632
rs2643899	C	-0.037
rs7534614	C	-0.031
rs870328	G	-0.0358
rs12134681	A	-0.1036
rs2364572	A	-0.096
rs55826845	A	0.0802
rs10492983	A	0.1434
rs111052140	G	0.0455
rs6427833	C	-0.0414
rs2093516	C	-0.1855
rs140876940	T	0.0824
rs12071031	G	-0.1301
rs12036556	T	0.1355
rs114239142	T	0.2378
rs139339641	A	0.1611
rs384044	C	0.0304

rs2235766	G	0.0558
rs17130111	A	-0.1614
rs76218398	A	-0.1455
rs1888861	C	0.0365
rs6675225	A	-0.0374
rs6688113	A	-0.211
rs61776536	C	-0.1027
rs6698696	A	0.0345
rs76730565	T	-0.1936
rs113121828	C	-0.0888
rs146037254	T	0.0754
rs7548866	T	0.187
rs11583881	A	0.0394
rs74512432	G	-0.0859
rs112568355	A	0.1275
rs7519629	G	-0.0944
rs11590106	G	-0.0361
rs10927305	C	0.0409
rs143056937	C	0.2084
rs34125417	A	0.0608
rs72665226	T	-0.1376
rs11577726	C	0.0371
rs45483993	C	-0.2626
rs7546277	A	0.0757
rs12022676	A	0.1007
rs77414869	A	0.1466
rs17035713	G	0.0653
rs80081786	C	0.0481
rs7537018	T	0.0347
rs77314275	G	0.0755
rs6695707	C	-0.0444
rs76354874	C	0.228
rs10914655	G	-0.0344
rs1631056	C	0.0313
rs80148997	T	0.056
rs111695916	T	0.1653
rs116164290	A	0.1416
rs74688906	A	-0.1642
rs150311192	A	0.1595
rs12138214	T	0.0317
rs7514190	T	0.0352
rs10911762	A	0.1639
rs7519117	T	0.0429
rs12030427	A	0.0446
rs4906998	A	0.0636
rs77995521	T	0.1215
rs10732635	G	-0.031

rs78234094	G	-0.1117
rs2794665	A	-0.0315
rs79739004	G	-0.2401
rs11581846	G	-0.057
rs12057471	A	-0.0798
rs114775827	A	0.2037
rs149750356	G	-0.1874
rs11166001	T	0.0396
rs72738944	G	0.0459
rs1776222	C	0.0319
rs2376034	T	0.069
rs10918167	A	-0.0536
rs17526867	C	-0.0563
rs72699308	G	0.0792
rs140816357	T	0.1919
rs6698795	T	-0.0896
rs2076346	C	-0.0357
rs11184974	G	-0.0455
rs749664	T	0.0589
rs74718581	G	0.2063
rs6676599	T	0.042
rs2564725	G	-0.2445
rs7550051	G	-0.0356
rs1635561	T	0.0389
rs1029214	A	0.1917
rs12121745	G	0.0486
rs115815744	A	0.1032
rs113608023	T	-0.2367
rs113944737	G	-0.077
rs74337541	A	0.13
rs6427082	T	0.0299
rs61818998	C	0.1557
rs55654532	T	-0.0642
rs12747719	T	-0.0373
rs12164533	A	-0.0433
rs147322213	C	0.1576
rs2173541	C	0.0306
rs2379107	G	-0.0429
rs10799458	A	0.0381
rs78059051	T	-0.1195
rs2391707	G	0.0355
rs2744825	G	-0.0457
rs1964119	A	0.0698
rs149723604	A	0.0827
rs113555027	G	-0.2178
rs72685035	C	-0.133
rs74888290	G	-0.1876

rs11580068	C	0.1366
rs11122563	T	0.0316
rs34008685	G	-0.2196
rs75154133	T	-0.0572
rs35972053	A	0.03
rs12132229	A	-0.0543
rs77944413	G	-0.0824
rs11572630	A	0.1313
rs1932260	A	-0.0647
rs882423	T	0.0435
rs61841170	G	0.0545
rs73030197	T	0.1984
rs111739640	C	0.1308
rs566421	A	-0.0308
rs35164209	C	-0.0628
rs17123306	T	0.079
rs76638888	C	-0.0594
rs35200126	A	0.1823
rs144136460	T	0.1683
rs17375903	C	0.1977
rs76491046	A	0.0865
rs113483627	G	0.2621
rs34019357	T	0.047
rs59188898	A	0.1335
rs116833970	T	-0.184
rs734995	C	-0.0315
rs28478311	C	0.0534
rs11208152	A	-0.0378
rs115231753	C	-0.1581
rs72719891	T	0.0571
rs146535763	G	0.2134
rs7545755	A	0.0471
rs78893050	A	0.111
rs74625723	A	-0.1041
rs3850533	C	0.05
rs12026325	C	-0.0342
rs11120675	T	-0.0482
rs1889463	C	0.0341
rs112443956	A	0.0608
rs2817889	G	0.0424
rs76207091	A	0.0783
rs2737821	A	0.1278
rs634296	A	0.0926
rs7551036	A	0.036
rs72767984	T	-0.1368
rs1246018	A	0.0327
rs56320158	G	-0.1052

rs11573543	C	-0.0389
rs10158599	G	-0.0529
rs79124882	C	-0.06
rs12138627	A	-0.0418
rs7417172	A	-0.2962
rs1414484	T	0.0662
rs78433152	T	-0.1421
rs116430226	G	-0.0788
rs114105326	A	-0.1566
rs115457091	A	-0.1727
rs11586424	G	0.046
rs596695	A	-0.0309
rs12406843	A	0.1085
rs79458861	C	0.2219
rs114693481	T	0.2108
rs114767183	G	0.185
rs145514075	T	-0.2268
rs12724819	G	0.1178
rs61822696	C	-0.0707
rs12067535	C	-0.0684
rs16826042	G	0.0451
rs459064	G	-0.0307
rs145456171	T	-0.2083
rs7555026	G	0.0363
rs72744690	T	0.0873
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rs72731104	G	-0.0363
rs144750259	T	0.1414
rs77126691	G	-0.1887
rs909530	T	0.0355
rs861907	A	0.0971
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rs148028168	C	0.2277
rs7548753	T	0.0809
rs12096399	G	-0.211
rs148580426	A	0.1577
rs7526879	T	-0.0311
rs75105860	T	-0.0606
rs817468	T	0.0396
rs17109961	T	0.1874
rs12120628	A	0.0558
rs10875042	T	-0.0421
rs17128163	T	-0.1098
rs17130987	A	-0.042
rs77915342	T	-0.1279
rs10874203	A	-0.03
rs41267327	G	-0.1949

rs138654305	T	0.1751
rs6662174	A	-0.0354
rs56760315	G	-0.0907
rs75782354	A	0.1521
rs3026867	T	0.0943
rs115092632	A	-0.1738
rs12135298	A	-0.0475
rs11579226	G	0.1872
rs75330386	A	0.1366
rs4431869	A	-0.03
rs116838002	G	0.1223
rs61819914	G	0.167
rs11572505	C	-0.0662
rs76451066	G	0.1012
rs115799925	A	0.1571
rs17483465	A	0.1407
rs112420708	T	-0.1119
rs4609435	G	0.0475
rs149301592	G	0.1488
rs143363022	A	-0.1235
rs72707570	C	-0.0411
rs114305144	T	0.0671
rs12081664	T	-0.0472
rs149759662	A	-0.2671
rs11591079	T	-0.0486
rs78315017	G	0.0431
rs149096609	C	0.1461
rs3027034	T	0.0493
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rs79886812	T	0.0383
rs2039538	G	0.0356
rs7513036	T	0.1034
rs17504775	A	0.0503
rs61790261	A	0.1737
rs79176272	T	-0.0941
rs12058604	C	0.0445
rs67186259	A	-0.039
rs72674290	G	0.2105
rs1413207	T	-0.034
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rs12045708	T	-0.0731
rs6665966	A	-0.195
rs55899252	A	-0.2005
rs145362781	C	0.1628
rs6687745	C	0.0347
rs72747093	C	0.1631
rs115672193	G	-0.16

rs12140225	C	0.0885
rs10919806	T	0.0403
rs7514550	G	0.0303
rs4908473	C	-0.0565
rs6688694	C	0.0367
rs12562849	C	0.0586
rs12124122	C	-0.0479
rs35295903	A	-0.0636
rs148394487	T	0.1062
rs77315719	T	-0.3234
rs12405932	T	0.0681
rs2096224	G	-0.0428
rs142420651	G	0.1901
rs9701244	G	-0.0377
rs78768215	A	-0.169
rs80191692	G	0.0519
rs56744320	A	-0.049
rs12089393	G	0.0404
rs80183858	T	-0.1451
rs142563288	T	0.274
rs4000189	T	0.0836
rs477265	C	0.0685
rs77564194	T	-0.1629
rs6675673	C	0.0389
rs267733	G	-0.0409
rs75946603	A	-0.076
rs80284744	G	0.0964
rs6672992	C	-0.0415
rs117353438	A	0.1052
rs72689536	T	0.113
rs116674299	T	-0.0943
rs4575127	T	0.0714
rs76823489	C	0.0659
rs72758643	G	-0.0533
rs146700412	G	-0.1262
rs116363605	G	-0.084
rs77755874	G	0.1969
rs113050636	A	-0.0974
rs10753010	G	-0.0352
rs114605935	T	0.0931
rs59815839	C	0.0491
rs17098770	C	-0.1121
rs142025618	A	-0.1574
rs6668536	T	-0.0584
rs114844370	C	0.1637
rs7523718	C	-0.0295
rs61781864	G	0.1464

rs72969023	T	0.1787
rs12131575	T	0.0392
rs6691729	A	-0.0427
rs10918411	C	0.0314
rs11260661	C	-0.1092
rs150809936	T	-0.1182
rs12126989	C	0.0347
rs148326705	C	-0.2613
rs2494439	C	0.067
rs116170836	C	-0.1203
rs116599348	G	0.204
rs4412595	A	0.04
rs380901	T	-0.0314
rs3738425	G	-0.0372
rs7531193	T	-0.0464
rs6697481	C	-0.0308
rs3849184	G	0.0327
rs12093512	T	0.1467
rs17431299	G	-0.09
rs1886136	T	-0.1803
rs17020510	G	0.0543
rs1952019	T	0.0527
rs77243091	T	0.1548
rs150662239	T	-0.1282
rs78381757	A	0.0881
rs12754706	G	0.0937
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rs112998422	A	-0.0547
rs116645026	A	-0.1012
rs72733271	T	-0.0537
rs12128887	G	-0.0369
rs2476161	A	-0.1945
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rs66659021	G	0.0428
rs61855716	G	0.1676
rs41281396	T	-0.1372
rs75971130	T	-0.0484
rs146972054	A	-0.1993
rs33927012	G	0.1361
rs143480539	G	-0.1907
rs35240478	C	-0.0337
rs112308692	C	-0.1379
rs17724965	A	-0.0522
rs60977529	A	0.1685
rs11120931	C	0.0922
rs77339597	T	0.0938

rs138487400	A	0.146
rs140339978	A	-0.1521
rs72751851	A	-0.0418
rs9425530	A	-0.063
rs10910619	C	0.0391
rs115681077	T	0.0413
rs77333814	T	0.1891
rs12564527	T	0.0419
rs1040394	T	-0.1209
rs116538855	G	-0.1369
rs17351235	T	-0.1422
rs72977479	T	0.1739
rs6672910	C	-0.0328
rs148816534	G	0.1523
rs7542009	G	0.0421
rs148872245	G	-0.1536
rs79948993	C	0.0671
rs7537344	T	0.0292
rs2842228	C	0.1293
rs77766177	T	-0.1856
rs11578937	G	-0.0464
rs954206	T	0.0332
rs12039194	A	-0.0498
rs2344671	A	0.0612
rs3738782	A	-0.0593
rs72744421	T	-0.2258
rs57821446	G	0.1752
rs61788009	A	0.0667
rs72646414	A	-0.0658
rs12122559	T	0.0749
rs6426905	T	0.0632
rs78151551	G	0.1849
rs41303625	G	-0.2078
rs77015604	G	0.1225
rs10924544	T	0.2138
rs12130061	C	-0.1492
rs4622135	G	-0.0825
rs9438021	A	0.1585
rs1855844	G	0.0319
rs140912950	T	0.1339
rs12408896	A	0.0431
rs116236688	T	-0.2114
rs116410651	T	0.2324
rs72915883	T	0.13
rs61825983	C	-0.2252
rs74740156	G	-0.1541
rs56236174	A	0.1135

rs72762374	A	-0.0798
rs7521697	G	0.0492
rs116659780	A	-0.1375
rs10916398	C	0.0418
rs35755728	G	0.0569
rs1736450	T	-0.0298
rs7525512	A	-0.1024
rs138661339	G	-0.1371
rs12353954	C	-0.0316
rs4653515	A	0.0299
rs115453772	G	0.2219
rs4140534	A	0.048
rs12082544	C	0.1098
rs113347714	C	0.0786
rs11581535	T	0.06
rs4483396	A	0.0381
rs55656811	T	-0.0429
rs61775450	A	-0.075
rs114929829	G	0.1213
rs1737978	G	0.0366
rs111231746	C	-0.1512
rs2994036	G	-0.1157
rs12141919	C	-0.0871
rs2842856	C	0.0456
rs113383755	A	0.045
rs906350	C	0.035
rs74850688	T	-0.0996
rs669162	T	0.0886
rs72641595	G	0.0386
rs80314439	G	-0.0824
rs175322	C	0.0349
rs78078952	C	0.0669
rs7413674	T	0.0989
rs707194	T	-0.0303
rs17350053	C	-0.0616
rs12406586	T	-0.0554
rs148477673	G	0.1126
rs115552537	A	-0.1163
rs7543433	C	-0.0359
rs12408269	C	0.0336
rs137913606	G	0.1101
rs11584199	C	-0.0657
rs75673128	A	0.0684
rs116282200	T	-0.1244
rs2343125	C	0.0335
rs72733648	G	0.0604
rs77884663	G	-0.1557

rs72658944	T	0.1917
rs12566559	C	0.0351
rs150601375	C	-0.0853
rs12739458	G	-0.0899
rs147734925	G	-0.2229
rs12410417	C	-0.0663
rs1061631	A	-0.0398
rs115084184	A	-0.1803
rs72747113	T	-0.099
rs6678795	A	0.0288
rs75378030	A	0.1396
rs75054708	T	0.0672
rs72669448	A	0.0912
rs10881156	A	-0.0329
rs12129849	T	0.084
rs1245489	G	-0.0301
rs142486420	T	-0.1702
rs12735704	C	0.1122
rs491061	G	-0.0293
rs1166351	T	-0.0298
rs116045473	C	-0.2163
rs76470519	T	0.1994
rs78620616	C	0.0709
rs115922909	A	0.21
rs1021462	A	0.0294
rs55820829	A	-0.1943
rs72636881	T	-0.0692
rs1538757	T	0.0545
rs12049158	C	0.0469
rs17096289	A	-0.0295
rs2097514	G	0.0338
rs111843096	A	0.1019
rs6676345	G	0.0338
rs927219	A	-0.0342
rs11121374	G	-0.0525
rs111800554	G	0.1805
rs2275171	T	0.032
rs4845954	G	0.0713
rs41264013	G	-0.1323
rs72730333	C	-0.0368
rs2256883	T	-0.0311
rs311444	G	0.0397
rs11264401	A	0.1113
rs17497598	C	-0.0799
rs7553137	C	-0.0436
rs320896	C	0.0336
rs79094989	G	-0.0603

rs6424781	T	-0.0293
rs115181288	T	0.1023
rs11208254	T	0.0329
rs7523252	A	0.0437
rs11205398	A	0.2206
rs12088135	T	0.0893
rs80087370	T	0.1782
rs75761128	G	-0.1694
rs79521954	G	0.2088
rs76556595	A	0.1125
rs34157224	T	0.031
rs78085588	T	-0.0803
rs4233429	T	0.0329
rs113344258	A	0.1774
rs12041612	C	-0.0632
rs116284958	A	0.2327
rs6693489	G	-0.0295
rs11582914	T	0.0637
rs115775786	A	0.3014
rs4951711	T	0.0347
rs150620219	G	0.214
rs79758152	C	-0.1034
rs57868807	A	-0.0907
rs10158739	A	0.1104
rs34303426	C	0.0467
rs577623	C	0.0379
rs61841163	G	-0.0837
rs112280142	C	0.1086
rs11102933	C	0.0295
rs115368200	A	0.1764
rs4357530	G	0.0321
rs6662276	T	-0.0774
rs1042832	G	0.0324
rs78902343	A	-0.1865
rs4655461	G	-0.0349
rs35681973	T	0.1883
rs12126429	C	0.1763
rs115677550	G	0.1819
rs305462	T	-0.1529
rs11807546	A	0.1865
rs2208746	C	0.0432
rs77627703	A	0.0957
rs140328622	G	-0.1687
rs12049278	C	0.0597
rs11585441	C	0.076
rs55927702	A	-0.071
rs34015683	T	-0.0698

rs114207830	G	0.1944
rs114708011	G	0.1567
rs12354382	T	-0.1954
rs11165173	A	-0.0539
rs140067547	G	-0.1751
rs6662967	G	-0.0479
rs6421760	C	-0.046
rs115809152	A	0.142
rs55670708	T	0.0531
rs2301478	A	-0.0383
rs143685616	G	-0.2398
rs77977974	A	0.0478
rs319656	G	0.0755
rs112935834	A	-0.2188
rs114107892	C	0.1558
rs115832336	A	0.1128
rs1446963	G	0.0408
rs116596494	C	-0.1762
rs12133355	A	0.0331
rs72697071	T	-0.0622
rs748488	G	0.0323
rs76753577	C	0.1154
rs34918275	C	0.1139
rs114338560	A	0.0637
rs114623508	C	0.1628
rs2153036	C	0.0649
rs36053005	T	-0.0942
rs12756207	C	-0.0374
rs59218143	C	0.0486
rs11587481	G	-0.0596
rs1051740	C	-0.0336
rs3737983	A	0.0295
rs113305678	C	0.0887
rs11209241	A	0.0393
rs7516762	T	-0.0502
rs72695345	G	0.1731
rs3889259	A	-0.0359
rs4642950	G	-0.0366
rs11162243	A	0.0345
rs4845396	G	-0.0285
rs61833720	G	0.0832
rs12128858	C	-0.0582
rs57485568	G	-0.0489
rs1416036	G	-0.0369
rs11577774	G	-0.1004
rs144250798	A	-0.0917
rs569930	A	-0.074

rs10127551	G	-0.0336
rs487675	C	-0.0313
rs74140388	G	0.0464
rs76055902	A	0.0651
rs2486545	T	-0.0551
rs819723	T	-0.0367
rs7416244	G	-0.0465
rs11249028	T	0.0667
rs72877943	A	0.1318
rs138533062	A	-0.1605
rs75799604	G	-0.0618
rs602802	T	0.0302
rs12140216	G	-0.0425
rs76669841	A	0.0463
rs1268475	A	-0.16
rs74344183	C	-0.0535
rs4364910	A	0.1273
rs149777035	A	-0.0975
rs11162922	G	-0.0579
rs143103949	T	-0.2266
rs12084797	G	0.1366
rs1809914	A	-0.0367
rs140555046	T	0.0491
rs112254829	T	-0.1149
rs6690383	T	0.059
rs11588483	T	0.1341
rs6663989	C	-0.0469
rs111883670	G	0.1098
rs72702696	C	-0.0856
rs16825572	G	0.0541
rs11806282	T	0.0797
rs10495369	T	-0.046
rs114887688	T	-0.1168
rs271749	C	0.0367
rs79102785	C	-0.1003
rs35085899	C	0.0607
rs7516175	C	0.0421
rs78018044	A	-0.0534
rs6677623	T	0.0336
rs61834716	T	0.127
rs72859578	C	0.0758
rs16844196	C	-0.0386
rs145264216	T	-0.0859
rs2391706	C	-0.0294
rs113852887	T	-0.1604
rs1291909	G	-0.1185
rs3790826	G	-0.0614

rs171003	G	-0.0288
rs4656548	G	-0.0488
rs11590996	A	0.0433
rs7544911	G	0.1938
rs3125896	A	-0.0393
rs765838	C	0.0828
rs61769622	T	-0.1335
rs72672608	C	-0.0623
rs1043941	T	0.0392
rs143073914	T	-0.1817
rs784602	A	-0.0297
rs6424101	G	0.0306
rs238098	C	0.0295
rs72757552	A	-0.1828
rs7529963	T	0.0347
rs17496235	A	-0.0621
rs1415865	T	-0.0348
rs12563179	T	0.0449
rs11589665	G	-0.1545
rs11206930	G	0.0336
rs4657020	A	-0.0554
rs74973473	A	-0.0639
rs1229349	T	-0.1874
rs566613	G	0.0408
rs1415938	T	-0.1058
rs12093083	G	0.1151
rs68002039	G	-0.0628
rs3121309	A	-0.0362
rs1546064	T	0.0346
rs941518	A	0.0336
rs76543990	T	0.232
rs1933213	G	0.0427
rs11583907	T	0.0462
rs75424820	T	0.193
rs11548311	T	-0.0478
rs12569275	C	0.0287
rs58580749	T	0.1453
rs61776509	A	0.054
rs493950	G	0.0462
rs74496297	T	0.1218
rs10800103	A	-0.0782
rs10927462	C	-0.0346
rs55938763	T	0.12
rs76047153	T	-0.0985
rs1764346	C	0.0614
rs17478459	G	-0.0364
rs6658024	C	-0.0328

rs115039341	T	0.1756
rs59139973	A	-0.0561
rs9438687	A	-0.0297
rs148730864	A	-0.0992
rs144040277	C	-0.0457
rs4333890	T	0.0575
rs74552465	G	-0.1592
rs10926315	T	0.0303
rs2247895	T	0.0579
rs78473820	G	-0.131
rs75969334	G	0.1307
rs659580	T	0.0349
rs75731445	G	-0.1509
rs35645512	T	-0.0856
rs6693156	G	0.0308
rs6683921	A	-0.124
rs114473983	T	-0.1145
rs500639	G	0.0297
rs61631424	T	-0.0381
rs10493275	G	-0.0498
rs11809303	G	0.0656
rs3738565	G	0.1623
rs4839163	T	0.2907
rs7537500	G	0.0291
rs34750609	A	-0.113
rs6661381	G	-0.0322
rs72760122	G	-0.0769
rs11466561	C	-0.0602
rs2223305	A	0.035
rs113286557	C	-0.0808
rs10927157	G	-0.1222
rs74701588	G	-0.0488
rs147434392	T	-0.1459
rs144311621	T	0.1751
rs76490676	T	-0.1521
rs114169818	A	-0.1338
rs2647119	G	-0.0284
rs11210049	C	0.0325
rs115470507	T	-0.0843
rs142843721	G	-0.1383
rs1538259	C	0.0433
rs115258174	T	0.072
rs2180273	C	-0.0396
rs75509076	T	0.0963
rs2027046	T	-0.0617
rs875140	G	0.0306
rs112845846	G	-0.1735

rs7410917	C	0.0339
rs72668238	A	-0.1109
rs72718253	C	-0.1154
rs139397838	T	-0.1129
rs12032403	G	-0.058
rs76898602	A	0.1062
rs75303797	A	-0.1691
rs2174219	T	-0.0439
rs11808307	G	-0.1023
rs10082123	T	-0.051
rs11578175	A	0.0451
rs74068585	C	0.0951
rs116599466	A	0.1503
rs115276734	A	0.1912
rs11102342	C	0.0305
rs3737808	C	0.0315
rs17025517	G	0.0882
rs72728806	T	0.0766
rs79228431	A	-0.0862
rs78210234	G	-0.2595
rs34991674	A	-0.0339
rs148520558	T	0.1774
rs72657295	G	-0.0499
rs2357231	T	-0.0303
rs114855017	T	-0.1024
rs115947258	G	0.1111
rs144599124	T	-0.1778
rs2807651	T	-0.0607
rs79944415	A	0.2766
rs6665822	A	-0.0302
rs12405038	A	0.0904
rs139690758	A	0.1813
rs141113629	T	-0.144
rs12127182	G	-0.0413
rs143325743	C	-0.1126
rs72763483	T	0.1785
rs17032048	A	-0.0494
rs2025761	A	0.0943
rs607715	G	-0.039
rs17486797	G	0.0627
rs17785388	A	-0.2013
rs12734878	C	0.0479
rs116206127	C	0.1435
rs1067244	A	-0.0292
rs111301847	A	0.1323
rs12125628	A	-0.08
rs76567118	T	0.1708

rs705434	T	-0.1112
rs78536264	T	-0.0943
rs16841715	G	0.1087
rs1538268	A	-0.0288
rs77112902	A	-0.0769
rs72674127	T	-0.0651
rs11590577	A	-0.0369
rs2250174	T	0.035
rs12030960	T	-0.0333
rs114773628	T	-0.0988
rs150669412	A	0.0508
rs3125830	T	0.0991
rs1874121	T	0.035
rs77217700	A	-0.1384
rs77510794	A	0.1022
rs75499485	G	-0.1198
rs80019300	G	0.106
rs35272378	T	0.0492
rs6426514	A	0.0508
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rs480993	A	-0.033
rs6424961	T	0.0945
rs141443600	T	-0.059
rs72692255	G	-0.0599
rs35381862	G	-0.1097
rs780255	C	-0.0306
rs1763922	C	0.0354
rs115636515	A	-0.076
rs151231354	A	-0.1221
rs76374480	G	0.1306
rs1120599	T	0.0347
rs144917511	T	-0.171
rs10923790	T	-0.032
rs55734633	T	-0.0807
rs11590326	A	0.0333
rs113811368	G	0.0665
rs143184840	T	-0.0702
rs35469727	C	0.164
rs12041887	G	-0.1555
rs195729	T	-0.0297
rs137923404	G	-0.1826
rs4844950	T	0.1276
rs1332952	G	0.0387
rs12085945	A	0.0778
rs6588016	G	0.0286
rs559051	C	-0.0291

rs79989890	C	0.1305
rs9726380	C	-0.076
rs61779033	C	0.1529
rs868449	C	0.0363
rs5013328	T	0.095
rs140327358	A	0.2012
rs337299	A	0.0374
rs41267529	T	-0.1112
rs11211018	G	-0.0342
rs1603846	G	0.1214
rs34669631	A	0.1397
rs61824661	G	0.0686
rs78788388	G	0.1173
rs112684391	G	0.0669
rs1570098	A	-0.0495
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rs10802546	A	-0.0423
rs17373321	T	0.0354
rs10157898	G	-0.0411
rs12066663	C	0.1771
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rs76391727	T	0.0752
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rs143196696	A	0.1714
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rs114839179	A	0.1692
rs10915821	T	0.0341
rs16834573	G	0.0545
rs78268597	G	-0.0872
rs12405040	G	0.0508
rs111283265	T	0.129
rs35020387	A	-0.054
rs2284362	T	0.0295
rs72743056	G	-0.1053
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rs6697355	A	0.1291
rs114168246	G	-0.1563
rs1075368	A	0.0377
rs942756	T	0.0321
rs7514193	A	-0.0365
rs150369892	A	0.1565
rs72673625	G	0.0504
rs79520136	G	0.0964
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rs77693068	G	-0.1551
rs149144680	T	0.1583

rs114884893	G	-0.134
rs144252729	C	-0.1729
rs113071481	A	0.14
rs4908853	A	0.0334
rs12039869	A	-0.0355
rs780075	T	0.0309
rs114879138	A	0.119
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rs11572466	T	-0.1313
rs144007744	A	-0.0661
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rs744924	A	0.2212
rs45477495	C	-0.1594
rs10799005	G	0.0303
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rs114390375	G	-0.1079
rs16856552	A	0.2009
rs7526340	A	-0.0299
rs77725480	T	0.1198
rs72645999	T	-0.0819
rs115699904	A	0.1306
rs965121	G	0.0314
rs115916161	T	0.1209
rs3765695	A	-0.0438
rs41311195	G	0.068
rs74421592	A	0.126
rs113169381	C	0.1931
rs4926556	C	-0.0397
rs61783369	C	-0.0627
rs35238701	T	-0.0494
rs115679949	T	-0.073
rs56212313	A	0.0404
rs4375253	C	0.029
rs12041958	T	0.0454
rs6659925	T	-0.0522
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rs139187934	G	0.1309
rs12138826	G	-0.0385
rs13303138	A	-0.0539
rs150443398	A	0.0706
rs74697913	A	0.0815
rs59246234	G	-0.1002
rs76966930	A	0.0531
rs7535594	T	0.0512
rs1053230	T	-0.0346

rs1546412	G	-0.0589
rs115381054	G	0.1737
rs1240440	T	-0.0661
rs116248572	C	-0.2042
rs11205495	A	-0.1541
rs350193	T	-0.048
rs45601536	T	0.0434
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rs1385119	G	0.0334
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rs72762217	C	0.1767
rs60694879	A	-0.0581
rs72736899	C	0.1725
rs111594792	C	0.191
rs12044495	T	-0.043
rs28496967	T	-0.0714
rs114533230	T	0.1546
rs2232359	G	-0.0764
rs11805090	C	-0.128
rs12143643	C	0.0502
rs116019520	T	-0.1885
rs7541045	C	0.0625
rs11260677	A	0.0316
rs4920582	G	0.0358
rs1361330	G	0.031
rs10754489	T	0.0637
rs12736315	T	0.1463
rs12045824	T	-0.0488
rs3026868	T	-0.0462
rs11578764	G	0.0828
rs12732878	T	0.1283
rs1502904	T	0.0307
rs72741396	G	0.1017
rs12144695	A	0.0634
rs17388303	C	-0.0528
rs114301248	G	-0.2097
rs59781050	A	0.1231
rs77946654	T	0.0757
rs10082244	C	-0.0282
rs213479	T	0.0299
rs72728118	A	0.0591
rs2383458	A	0.0408
rs76942502	C	0.1287
rs61803260	A	-0.0558
rs11581614	C	0.0404
rs115405589	C	0.0748
rs76307003	G	-0.1277

rs73065558	T	0.1161
rs114056218	T	0.0776
rs115409575	T	-0.1921
rs138992974	G	0.1413
rs859655	A	0.0344
rs4525068	A	0.038
rs41265779	T	-0.2272
rs821722	A	0.0339
rs41304131	T	-0.1366
rs10157527	G	0.0363
rs1963278	G	-0.0295
rs41267373	G	0.1442
rs10915686	T	0.061
rs79298583	T	0.1606
rs12133575	T	-0.07
rs58604204	T	0.0444
rs77108207	G	0.1349
rs7544614	C	-0.0511
rs7540488	C	-0.0307
rs2365602	C	0.0818
rs4654480	T	-0.0423
rs72747859	T	0.0405
rs7518866	A	-0.0508
rs2820688	T	0.0404
rs2815878	C	0.0424
rs72644269	T	0.063
rs1585364	T	-0.0394
rs76723583	A	0.1073
rs12116495	T	-0.1077
rs9431732	G	-0.0507
rs12725269	T	-0.0317
rs12040453	A	0.0872
rs7514012	T	-0.0549
rs3765768	C	-0.0374
rs141737069	T	-0.1954
rs79944107	C	0.0679
rs666324	C	-0.0455
rs12076445	C	0.0563
rs115545818	T	0.1222
rs111879352	A	0.1528
rs79656633	T	-0.0615
rs116561141	A	0.0889
rs16854627	A	0.0453
rs61789849	A	0.1467
rs12045522	T	0.0477
rs11808455	A	-0.0541
rs149289890	T	-0.1706

rs111368804	A	-0.1094
rs150781545	T	-0.1309
rs149265857	A	-0.0633
rs12120061	A	0.0385
rs115680973	G	0.1513
rs12129086	T	0.12
rs59585491	C	0.1236
rs2566762	T	0.067
rs4908930	G	-0.0376
rs11121432	A	0.0455
rs10789081	G	0.0307
rs4520425	T	-0.0362
rs72692418	C	-0.1613
rs60719859	T	0.0416
rs773567	C	0.0461
rs2389434	A	0.064
rs76395324	C	0.1591
rs9730228	A	-0.0896
rs78164936	T	0.1086
rs1954369	C	-0.0379
rs6700254	C	0.0416
rs11579499	T	-0.0339
rs34019243	T	0.1374
rs116742949	T	0.1186
rs115876871	G	-0.1675
rs75912520	A	-0.0413
rs79943341	G	0.1598
rs72735036	C	-0.0989
rs10928034	G	0.0284
rs74888190	A	-0.0702
rs150834404	G	-0.1826
rs157862	T	0.0499
rs2816314	C	0.0313
rs35684907	G	0.0543
rs143837742	A	0.1932
rs12125499	T	-0.0476
rs11590514	A	0.0969
rs56074952	T	-0.1134
rs41363548	A	-0.0526
rs116040156	A	0.1888
rs17020044	G	0.0687
rs6662498	C	-0.1177
rs76921498	G	-0.0622
rs7526408	T	-0.0285
rs114269771	C	-0.1868
rs2493121	T	0.0295
rs115067664	T	0.1411

rs61774392	G	0.1823
rs58072093	A	0.0298
rs2697467	T	0.1372
rs10910188	A	-0.0407
rs1890760	C	-0.087
rs17648749	A	-0.1594
rs115483978	A	-0.1921
rs74892279	A	0.1707
rs10874125	C	0.0333
rs6702946	A	0.0372
rs4847314	C	0.0286
rs11804482	G	0.0291
rs11808439	A	-0.0496
rs4387163	G	-0.0289
rs116394225	G	0.1675
rs7526668	A	0.0827
rs76724525	C	-0.0899
rs12075108	T	-0.074
rs79342748	T	-0.1608
rs333947	A	-0.0396
rs6668434	C	-0.1423
rs71635166	C	-0.0308
rs34063362	A	-0.154
rs116548122	T	0.1405
rs115568045	G	-0.1933
rs72667215	A	-0.0456
rs78835386	A	-0.0926
rs148836183	C	0.1908
rs115426402	C	0.0422
rs17122238	C	0.0562
rs12121260	T	-0.042
rs576572	C	-0.0593
rs442170	C	-0.04
rs12095424	G	0.0521
rs12729062	A	-0.0303
rs227988	T	-0.0434
rs11264091	T	-0.0388
rs765316	A	0.0949
rs75947258	A	0.2212
rs10908564	G	-0.0598
rs10911661	G	0.0381
rs11583637	C	0.0311
rs7414784	G	0.0541
rs4147202	A	0.0361
rs6696206	C	-0.1638
rs114832588	A	-0.1099
rs145982761	A	0.1184

rs77003305	G	0.1867
rs9658849	C	-0.085
rs1419110	T	-0.0299
rs635926	T	0.0401
rs2897708	C	-0.0302
rs2981888	C	-0.0383
rs1497058	G	-0.0364
rs77263670	T	0.0563
rs61815652	C	-0.0285
rs116716786	T	0.1999
rs12403537	A	0.0354
rs1701970	C	0.0305
rs11577722	A	-0.0306
rs12758197	C	0.0363
rs10924292	T	-0.0633
rs2232809	C	-0.0293
rs4481820	A	0.0319
rs520171	A	0.0418
rs10493246	G	0.0991
rs61819479	A	-0.0706
rs1439523	T	0.0987
rs1819247	A	-0.0426
rs3107146	T	0.0445
rs12563277	C	-0.0442
rs591120	C	0.0281
rs142025328	A	0.1154
rs1264909	G	0.029
rs61769266	T	0.0491
rs17374803	T	0.0632
rs76183136	A	0.1249
rs11211484	T	-0.0542
rs72747839	C	-0.0626
rs17111959	T	0.0451
rs72771959	A	0.0925
rs114787867	A	-0.1363
rs12120812	T	0.1752
rs12724123	A	0.052
rs17394098	A	0.1475
rs4661725	C	0.083
rs996253	T	-0.0444
rs79585366	G	-0.1192
rs74497921	C	0.0879
rs10798187	C	-0.04
rs34731132	T	0.1955
rs61243266	G	-0.2291
rs12410980	C	0.0505
rs114579171	G	-0.1667

rs61774183	A	-0.0718
rs11210495	A	0.0334
rs114149950	T	-0.1319
rs59264037	C	0.0313
rs72662840	T	0.1615
rs1289833	C	0.0279
rs41311211	T	0.1303
rs117413007	C	0.1562
rs2644625	A	-0.0599
rs3789531	A	0.0489
rs35446243	A	-0.0378
rs12041714	G	0.0346
rs7533297	C	-0.0315
rs41310369	C	-0.0574
rs141127542	T	-0.2031
rs3104209	A	-0.0294
rs6701279	T	0.0433
rs12046039	G	0.0641
rs34864059	A	-0.0708
rs72689855	A	-0.1091
rs71647163	C	0.0436
rs12126870	T	-0.0791
rs4844688	G	0.0359
rs2003046	A	0.0325
rs10889261	T	0.0419
rs1171666	C	0.0396
rs140256904	C	-0.1411
rs79953002	A	-0.1226
rs970973	T	0.0284
rs748883	G	0.0324
rs140165424	T	0.1243
rs2008864	A	0.0315
rs142275373	A	-0.1095
rs115953648	C	0.1421
rs3119996	C	-0.0465
rs113525765	C	-0.0814
rs72649299	T	-0.0946
rs10753336	T	-0.0407
rs77830703	G	0.1637
rs76267141	T	-0.0511
rs4600106	G	0.03
rs61801811	T	0.0821
rs138155098	T	0.1076
rs12406823	G	-0.0887
rs12122228	T	0.0441
rs144948095	T	0.1346
rs78720060	G	-0.1452

rs716197	C	0.0351
rs12724806	T	-0.0441
rs35980929	G	0.1078
rs149932571	A	0.1857
rs78368411	C	-0.1236
rs9439028	G	0.0284
rs11803159	T	0.0757
rs141597728	A	0.109
rs7536422	T	0.0297
rs880296	G	-0.0369
rs17519749	T	0.0386
rs76233114	T	0.0772
rs197616	T	0.0345
rs6663219	A	0.0685
rs12123217	T	-0.1477
rs79201315	C	-0.0432
rs12127056	T	-0.0622
rs61819395	A	-0.0454
rs2483235	A	0.1053
rs116141908	T	0.1222
rs72724422	C	0.12
rs72694432	G	0.1246
rs7521497	T	-0.0309
rs148633555	A	0.1209
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rs79441061	A	0.114
rs114695208	A	-0.0951
rs3768440	A	0.0582
rs1416379	A	-0.0556
rs1005301	T	-0.0441
rs17019532	G	-0.0293
rs75477852	A	0.0731
rs12095916	A	-0.1227
rs72962308	A	0.0842
rs76156466	A	0.1387
rs697708	A	-0.0322
rs17588143	C	0.0375
rs11809695	A	-0.0895
rs74852515	T	-0.1248
rs4147599	C	-0.028
rs114434469	T	0.2245
rs1008737	G	-0.0401
rs114507934	C	0.1683
rs12065122	A	-0.0344
rs7537260	C	0.033
rs79889059	G	-0.1289
rs7527654	G	0.0296

rs12759173	C	-0.0319
rs7529390	A	0.0499
rs74895017	T	-0.1209
rs2893050	C	0.1501
rs403594	A	0.0451
rs149532521	G	-0.1724
rs12129286	T	-0.0477
rs114018987	T	0.1428
rs61832523	A	0.0841
rs12119075	T	-0.0891
rs74431987	G	0.0948
rs12140871	G	-0.0503
rs112113025	A	-0.036
rs6680435	G	0.1091
rs10915318	A	0.0391
rs142358756	C	-0.1824
rs67092462	C	-0.074
rs72700111	A	-0.1074
rs17837965	G	0.0675
rs55836408	T	0.1436
rs74229867	T	-0.0659
rs72686346	G	-0.1293
rs77239088	T	-0.1248
rs76790996	A	-0.1513
rs11582767	A	-0.0333
rs2501354	G	0.0287
rs4912459	T	-0.0476
rs35541403	T	-0.2308
rs7523193	T	0.1111
rs16837217	G	0.2011
rs115503376	A	-0.2571
rs10493975	C	-0.0594
rs9660873	G	0.0375
rs12033875	T	0.0316
rs2794850	G	-0.0301
rs112570019	G	-0.0512
rs113852342	G	-0.0771
rs4570445	C	0.0307
rs12746707	A	0.1666
rs2651237	T	-0.0511
rs35391558	C	0.131
rs72757006	T	0.1578
rs79570255	A	-0.0623
rs75288294	A	0.1687
rs11164996	A	0.0993
rs72720106	G	0.1363
rs4657200	G	-0.231

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rs4660179	C	-0.0299
rs951241	A	0.0405
rs77262565	A	-0.0483
rs7367544	A	0.0467
rs11803085	T	-0.1241
rs6690658	C	0.0378
rs4233110	C	0.0303
rs77282289	C	-0.1396
rs3106364	G	-0.0538
rs142038910	A	0.1873
rs80241289	A	0.1009
rs737647	G	0.0359
rs6659176	G	0.0505
rs145886890	C	0.1727
rs55858806	G	-0.0491
rs114763603	G	0.1261
rs12033438	T	0.079
rs12082063	C	0.146
rs73007438	G	0.0515
rs76845966	C	0.1297
rs11101992	C	-0.0318
rs4244145	G	-0.0391
rs10864574	C	0.0299
rs72742725	C	0.1185
rs6428510	C	0.0523
rs77520588	A	-0.0949
rs857838	A	-0.0276
rs77135199	T	0.1374
rs1570330	C	-0.0301
rs116737387	T	-0.2368
rs72711975	T	0.0909
rs12145387	T	0.1478
rs74096364	G	0.0679
rs142744082	A	-0.1831
rs7517628	C	0.0999
rs903336	C	-0.055
rs4468222	G	-0.1078
rs10900434	C	0.0359
rs74370033	G	0.1175
rs72737448	A	0.131
rs56259287	G	-0.139
rs6698022	C	0.0598
rs10889183	C	-0.0629
rs116056180	C	0.1093
rs12134721	C	-0.0309
rs12752712	T	-0.0628

rs72905571	T	-0.0498
rs60162041	G	-0.1304
rs1123217	C	-0.0738
rs56167211	T	0.111
rs4655201	C	0.0468
rs78399301	G	0.1427
rs112027306	A	-0.129
rs61809195	C	0.1169
rs66473804	T	0.0459
rs78064094	T	-0.2174
rs7535297	G	0.0519
rs79776204	T	-0.0556
rs116156438	G	-0.1455
rs80106338	T	0.0696
rs72711346	C	0.0963
rs75434492	C	-0.0764
rs61746882	C	0.241
rs10489133	T	-0.0733
rs12038819	G	-0.0447
rs12123967	C	0.1227
rs17433313	T	-0.1601
rs116650800	T	-0.1446
rs3820285	C	-0.1903
rs4418565	G	-0.0284
rs6659749	T	0.0407
rs472967	C	0.0289
rs1256328	T	0.0375
rs11161436	T	0.0344
rs28729475	C	-0.2491
rs10801723	G	-0.0301
rs12126759	T	0.0278
rs80301539	T	-0.1368
rs11809438	T	0.0337
rs1481362	A	0.0302
rs113558389	T	0.044
rs1001880	C	0.0301
rs284320	C	0.0364
rs61163140	C	-0.029
rs6658889	G	-0.028
rs1451915	A	-0.0497
rs3131707	C	-0.0293
rs12752615	A	0.0312
rs111598387	G	0.1393
rs10915863	A	0.1076
rs2842851	T	-0.0282
rs12036311	A	-0.0334
rs269275	C	-0.0317

rs116568171	T	0.117
rs77995738	A	-0.1777
rs35600686	T	-0.0329
rs12087082	T	0.1081
rs12129026	G	-0.0283
rs17457613	C	0.124
rs114194319	T	-0.0926
rs114459916	C	0.2307
rs12117200	G	0.085
rs6663709	A	-0.0403
rs11584392	A	-0.0359
rs9430736	G	-0.0349
rs28360378	A	-0.1236
rs12034146	C	0.031
rs115825717	G	0.1006
rs113588371	G	0.08
rs296511	C	-0.0635
rs1361647	G	-0.0947
rs11161944	C	-0.0449
rs73049936	T	-0.0605
rs11260732	C	-0.033
rs71646779	A	-0.0996
rs687803	G	0.0346
rs1934623	C	0.035
rs79093863	G	0.1127
rs9326067	C	0.1288
rs6666618	C	-0.036
rs151066978	T	0.1772
rs12569332	C	0.0444
rs1764392	C	0.0424
rs7531886	A	0.0295
rs9887887	G	0.0291
rs115768448	G	0.0659
rs149361804	A	-0.0743
rs8192527	C	0.1273
rs138114786	A	-0.089
rs10920627	A	0.0296
rs7553605	T	0.1094
rs77298200	A	0.0807
rs7553347	A	0.0413
rs72741265	A	0.1257
rs115336063	A	0.1396
rs41267375	A	0.1422
rs1008082	C	-0.032
rs11582746	T	-0.0744
rs381304	A	-0.0275
rs11584682	C	0.0365

rs79752818	A	-0.0908
rs137923668	G	0.1234
rs3754176	A	0.0284
rs12058143	A	0.0372
rs11209008	A	0.0745
rs35956582	A	0.1136
rs115704628	T	-0.2849
rs11576693	T	0.0313
rs77751353	T	0.128
rs12734683	G	0.0397
rs1587022	G	0.0438
rs143121812	A	0.2355
rs10924832	G	-0.0905
rs145937180	C	0.1068
rs72734623	T	0.1296
rs114124780	C	0.2969
rs116006081	C	-0.1756
rs144570260	T	0.2043
rs77817282	G	0.0706
rs72737763	G	-0.2527
rs35770173	G	0.0747
rs75395835	A	0.1315
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rs115344677	G	0.1292
rs7528969	G	-0.0447
rs115371705	C	-0.1872
rs58683637	A	0.0683
rs2025602	A	0.0311
rs10802415	T	-0.0313
rs228563	A	-0.0332
rs78674112	T	0.0671
rs79609565	T	-0.0502
rs58930855	A	-0.1411
rs12127394	G	0.0592
rs127293	T	-0.0351
rs12736293	G	-0.0846
rs9430155	A	0.0439
rs12124780	C	0.0335
rs138315843	G	-0.0716
rs79400467	G	0.0464
rs12756936	G	0.0334
rs483784	C	-0.0304
rs6425814	A	0.0808
rs4652741	C	-0.0324
rs10493652	T	-0.0392
rs2810002	T	-0.029

rs6664832	T	0.1754
rs78007650	A	0.0831
rs17342387	G	-0.1811
rs149657899	G	0.162
rs2250036	A	-0.0321
rs7530256	G	-0.0631
rs78117627	T	-0.1188
rs164946	A	0.0338
rs140364034	T	-0.1084
rs701187	T	0.0346
rs989842	C	0.0285
rs78772779	T	0.1389
rs56201204	A	-0.1445
rs72670316	A	-0.0653
rs10802170	G	0.0426
rs79935285	G	0.1053
rs2310919	A	-0.033
rs12725866	T	0.1007
rs316054	A	-0.0316
rs12089227	A	-0.046
rs927906	A	0.0553
rs66653799	A	-0.0318
rs10803288	A	0.0302
rs12401671	A	0.047
rs11122314	T	0.0282
rs72662569	T	0.0938
rs149760135	C	0.0796
rs12042489	C	0.1348
rs77556951	C	-0.1003
rs17123142	T	-0.0349
rs148637726	A	0.0979
rs28767544	T	-0.0411
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rs76741200	T	-0.1709
rs77634081	G	0.1029
rs2072039	A	0.0362
rs6696643	A	0.0409
rs6666190	G	0.0369
rs59548259	C	0.0509
rs10915480	G	-0.0279
rs114433770	T	-0.1087
rs55726127	T	-0.1101
rs112077932	A	0.0631
rs12142777	A	-0.0498
rs72736541	T	0.1091
rs35914008	A	-0.11
rs12131707	T	0.0342

rs111272734	A	0.1053
rs60749823	T	0.0333
rs6698817	T	0.0295
rs115428488	A	0.1654
rs147977587	A	-0.116
rs4846976	G	-0.1067
rs4659357	A	0.0373
rs41267329	T	-0.1619
rs3730102	A	0.0425
rs148184801	G	0.1086
rs2803016	T	-0.0387
rs2307246	A	-0.0345
rs581645	G	0.123
rs6656609	A	0.0318
rs6685121	G	-0.0503
rs141712648	T	0.1644
rs75472846	A	0.124
rs12037785	A	0.058
rs4460614	G	-0.0589
rs696694	T	0.0425
rs148402504	A	-0.1994
rs138332637	A	-0.2256
rs72750056	A	-0.1273
rs587643	C	-0.0705
rs68105113	A	0.2081
rs61777189	A	0.1262
rs76170759	C	0.1462
rs12075727	T	0.0579
rs147021365	A	-0.1484
rs71642716	A	0.0548
rs6677404	C	-0.0454
rs114684774	A	0.1631
rs239980	C	0.0364
rs79682567	A	-0.0808
rs141904623	A	-0.1541
rs79445166	T	0.1435
rs2794731	G	-0.0379
rs4844640	T	-0.0298
rs531844	C	-0.0859
rs139814789	C	0.1917
rs7539031	A	0.0305
rs17011908	C	0.0477
rs10776701	G	0.0303
rs78820359	G	0.1488
rs7553544	A	-0.0286
rs114548648	A	-0.1016
rs2780788	C	-0.0335

rs3014875	A	-0.0288
rs78531930	C	-0.0555
rs3001101	A	-0.0348
rs72759516	A	-0.0364
rs2478165	A	-0.029
rs3789541	A	-0.059
rs142913072	A	0.2961
rs544700	G	-0.0342
rs116603808	T	-0.1262
rs61778561	T	-0.116
rs112218328	G	0.1032
rs111278924	A	-0.0679
rs4655324	T	-0.0315
rs3795816	T	-0.0379
rs985782	T	0.0388
rs10927590	T	0.0494
rs139459322	A	-0.1599
rs11484707	C	0.0896
rs684014	A	0.0483
rs61775945	T	-0.0742
rs6683789	T	-0.0615
rs6677603	A	-0.0317
rs4554698	C	0.0313
rs115878853	A	0.0545
rs34248917	T	-0.1424
rs12125307	C	-0.0458
rs72725057	G	0.0633
rs12120885	G	0.0398
rs4920266	A	0.0866
rs147473053	A	-0.1409
rs138814070	T	0.1435
rs34027220	T	0.1963
rs17373453	G	0.0565
rs7529535	A	-0.0332
rs679373	T	-0.0406
rs872032	T	-0.028
rs6671815	G	-0.0322
rs11121345	G	0.0408
rs111267767	G	-0.1362
rs35385469	A	-0.1237
rs7548919	C	0.0496
rs116066926	G	-0.0979
rs149693611	G	0.1404
rs72763879	G	0.0948
rs12733327	C	-0.0288
rs144461597	G	0.1181
rs17018855	A	-0.1735

rs149326963	T	0.1638
rs11579548	G	0.1212
rs79476959	T	-0.1107
rs78334653	A	-0.0597
rs61819214	A	0.0932
rs2810898	T	-0.0351
rs1450818	G	0.1255
rs72681750	T	0.1163
rs2177192	C	-0.1249
rs75938035	G	0.2342
rs142702565	A	0.2379
rs16836788	T	0.1449
rs12068037	T	-0.0616
rs144353075	C	-0.1715
rs116683361	A	-0.1776
rs115138606	A	-0.1552
rs12036801	T	0.0379
rs61778233	A	-0.0401
rs11589061	A	-0.0498
rs78976052	A	0.075
rs1200107	C	0.0308
rs72641220	C	0.0894
rs7547363	A	0.0271
rs150216667	C	0.1459
rs80102691	C	0.0631
rs2634982	T	-0.061
rs4276925	T	0.0424
rs143735679	G	0.148
rs648629	T	-0.0279
rs11577089	G	-0.064
rs2981865	C	-0.0328
rs116364502	C	0.0906
rs72730349	T	-0.109
rs146234421	G	0.104
rs150629886	A	-0.1847
rs11121021	A	-0.0277
rs6658896	T	0.2121
rs75212966	C	0.1278
rs10803317	C	0.0546
rs12747311	T	-0.0641
rs72632523	A	0.0515
rs17457232	A	-0.0679
rs10754470	G	-0.0281
rs3765373	A	-0.0738
rs114798451	C	0.1253
rs852794	A	-0.1424
rs75890056	A	0.1812

rs74733149	G	-0.0774
rs75936247	C	0.044
rs1234315	T	-0.028
rs115170982	C	-0.1874
rs6688312	T	0.0436
rs78200919	T	-0.0667
rs10458577	G	-0.0454
rs75767638	G	-0.0758
rs11584232	C	-0.0346
rs80242873	T	0.1072
rs2275366	G	0.0311
rs10858032	A	0.0275
rs6667884	A	0.0272
rs4625314	C	0.0269
rs9728947	A	-0.0656
rs6689479	G	0.0384
rs11579828	T	-0.1245
rs1148471	G	-0.0333
rs150975588	T	-0.1156
rs1149068	T	0.0289
rs72689397	A	-0.0817
rs2715571	T	-0.1631
rs72968533	A	-0.1598
rs114508275	A	0.1163
rs4653280	A	-0.0627
rs315093	C	-0.0272
rs12566882	T	0.0735
rs76714553	A	-0.0872
rs77167125	C	-0.1945
rs114044000	T	0.1622
rs80158091	T	0.1762
rs12032446	A	-0.0458
rs6702465	C	0.0393
rs696986	A	-0.0375
rs116689705	C	-0.131
rs870465	A	0.0476
rs56240846	C	0.1131
rs61809236	C	0.0783
rs77976189	T	0.1185
rs142445962	T	-0.1281
rs12116509	G	0.03
rs7514084	C	0.0429
rs4651476	T	-0.031
rs11265192	T	0.1004
rs11207688	C	-0.1784
rs77542178	C	-0.1072
rs10900542	G	-0.0503

rs116437604	T	0.1078
rs4359077	A	-0.0488
rs72635396	A	0.0804
rs142954128	T	0.1091
rs61836243	C	-0.0567
rs58054176	T	0.0899
rs11206423	T	0.036
rs4652252	G	-0.0277
rs75317377	G	0.1312
rs116311649	A	0.1407
rs142409114	T	-0.2491
rs72698179	A	-0.1149
rs56277222	C	-0.0408
rs1891062	T	-0.0302
rs71637204	A	-0.092
rs3738196	T	0.0283
rs7529831	G	0.0272
rs17875913	C	0.0435
rs12095716	C	-0.0568
rs79750084	C	0.1347
rs78590348	A	0.0732
rs72952858	C	-0.0521
rs140368624	G	-0.3465
rs4654765	T	0.0272
rs77292479	C	-0.0639
rs4348695	C	0.0363
rs11120170	A	0.0295
rs10916972	G	-0.0337
rs72741221	T	0.0781
rs145043955	C	0.17
rs6676560	C	-0.0411
rs72676165	A	-0.2979
rs12728717	T	-0.0522
rs2996657	G	0.0348
rs113337443	T	0.1657
rs114041209	C	0.0978
rs2143295	C	0.0757
rs12568516	A	-0.0762
rs114251988	A	-0.2322
rs140299625	G	0.1308
rs17131478	T	0.0868
rs2553735	A	-0.16
rs61784351	A	0.1209
rs1980508	A	0.0477
rs11586761	A	0.0345
rs11205275	A	0.043
rs3753313	A	-0.028

rs12131065	A	-0.0322
rs12024718	A	-0.1744
rs74771072	T	-0.1164
rs16834153	A	0.102
rs79004982	A	0.1366
rs114218301	T	-0.1685
rs12117288	T	-0.028
rs78390221	A	-0.0457
rs78064362	T	0.1516
rs141645857	T	-0.1706
rs12120690	T	-0.0402
rs7526318	C	0.0654
rs12119556	A	0.0447
rs72725456	G	0.1376
rs493894	G	-0.0315
rs6684983	G	0.034
rs12123495	C	-0.1929
rs76624086	C	-0.1038
rs1467106	G	-0.0608
rs116027771	T	0.1726
rs78543396	A	-0.1135
rs2406790	G	0.0325
rs36019747	G	0.1641
rs10888857	A	0.0833
rs12038395	C	-0.0748
rs12030739	T	0.0743
rs12135742	A	0.0415
rs6426423	A	0.0284
rs145492034	G	-0.2375
rs78656836	G	-0.1776
rs56733261	G	0.1185
rs75386386	G	0.1802
rs142478128	C	-0.2226
rs7544786	G	0.0724
rs139228037	G	-0.1864
rs4654456	T	0.1012
rs1202822	A	-0.0365
rs78111047	G	0.0632
rs12738332	A	0.1088
rs76610753	T	-0.0584
rs4243771	A	0.0291
rs74796852	T	-0.1069
rs116399924	T	-0.0775
rs4240539	T	-0.0483
rs139445580	A	0.167
rs10924197	G	0.0333
rs2996544	A	0.11

rs41303129	T	-0.1145
rs12128145	C	0.0279
rs115688555	A	0.0971
rs145154291	A	0.1687
rs9803690	G	-0.0268
rs10157499	C	0.0373
rs150873882	T	0.0795
rs114579991	T	0.1532
rs4233364	T	0.0436
rs9436798	G	-0.0461
rs2291063	G	0.0997
rs61817688	C	-0.0891
rs2236795	G	0.1272
rs6667721	A	-0.0365
rs115406854	T	0.1998
rs115440193	T	0.1235
rs668977	T	0.0283
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rs1870524	A	0.0401
rs28890218	A	-0.0781
rs59555069	A	0.0525
rs56328915	C	-0.0459
rs17392542	A	0.0625
rs6676127	T	0.0276
rs148508700	T	-0.1307
rs9287202	A	-0.0366
rs742069	A	-0.0286
rs12067434	A	-0.085
rs80226255	C	0.1762
rs78437107	T	0.0554
rs12031681	G	-0.0301
rs72693297	A	0.1145
rs71632125	C	-0.0458
rs79711752	A	-0.1528
rs7535919	C	0.0315
rs2386545	G	-0.0328
rs976881	T	-0.03
rs139901682	T	-0.0851
rs79841892	G	0.1448
rs77065077	G	0.0956
rs77560334	C	-0.0797
rs41277170	T	-0.1441
rs74070513	C	0.1294
rs1032154	C	0.0482
rs2696961	C	0.0402
rs75494649	G	0.0863
rs1555026	C	-0.0575

rs4949653	A	-0.038
rs28548204	A	-0.0358
rs12563273	T	-0.0518
rs319958	C	0.0432
rs114158223	A	0.086
rs148980324	C	-0.1746
rs12728902	C	-0.0286
rs17376357	C	-0.1066
rs1121276	C	0.03
rs116758700	C	-0.1686
rs11264080	A	0.1155
rs567419	A	0.0514
rs80108049	A	-0.131
rs1707336	G	0.0283
rs144784743	C	0.0951
rs11261079	C	0.0736
rs12731816	G	0.1263
rs1436884	T	0.1144
rs12136758	T	0.0918
rs11588434	G	0.03
rs111966911	T	-0.0995
rs12039422	G	0.0462
rs10889148	T	0.0374
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rs479323	A	-0.0956
rs79368535	T	-0.0692
rs35616158	T	0.0488
rs34851670	G	-0.0336
rs12743253	C	0.047
rs7415758	G	-0.0283
rs111622476	G	0.0573
rs4282788	G	0.0299
rs116674091	T	-0.135
rs77945630	A	-0.0732
rs10926029	G	-0.0266
rs56174386	C	0.1239
rs12141023	C	-0.0417
rs61838772	T	0.1353
rs12061847	G	-0.0289
rs7530089	G	0.0623
rs12122058	T	0.0903
rs17109974	G	0.1078
rs17110517	T	0.1224
rs61729352	T	0.166
rs146444361	G	-0.1327
rs116138976	A	-0.1595
rs1325287	C	0.0265

rs116303053	A	0.0879
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rs41315599	A	-0.0667
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rs112327837	C	0.1775
rs72693801	T	-0.1686
rs116710014	C	-0.0555
rs114582708	T	-0.1818
rs16840439	T	-0.0581
rs12036710	T	-0.0832
rs1499579	G	0.0356
rs9428185	C	0.131
rs138448072	G	-0.1103
rs61786397	G	-0.1135
rs55834051	A	-0.1046
rs116099830	A	0.1517
rs61817518	A	-0.0452
rs12143251	G	0.0302
rs10900499	T	0.0265
rs2224876	G	-0.0397
rs6677251	G	0.1022
rs16853148	T	-0.0635
rs10922746	C	0.0547
rs6666264	A	-0.0278
rs116282454	C	0.1146
rs75056606	G	-0.0481
rs74115846	G	-0.1111
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rs2243444	T	-0.0541
rs79541345	C	0.0607
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rs12032496	C	-0.0961
rs113968327	T	0.0609
rs2996386	C	0.1433
rs11162228	C	-0.0414
rs11165798	A	0.0307
rs78320058	C	0.0664
rs116839220	A	-0.2268
rs12118843	G	0.08
rs12035567	T	-0.0314
rs139112739	T	0.1046
rs10918148	C	-0.0288
rs78965499	A	-0.0993
rs10783020	G	-0.0271
rs2589583	G	-0.1407

rs114508676	A	0.1375
rs2148322	A	-0.0329
rs297786	G	-0.0394
rs11577097	G	-0.0754
rs61787107	C	-0.0464
rs11587756	G	0.0534
rs6703114	T	0.031
rs16843885	A	0.0752
rs74049248	A	-0.1174
rs10917772	C	0.0405
rs2152070	C	0.1416
rs1833047	A	-0.0295
rs3838	T	0.0271
rs76475425	A	0.1848
rs6659991	A	-0.142
rs76256139	T	0.0651
rs2135942	T	0.0737
rs4846355	A	-0.0261
rs71640705	T	-0.0777
rs4240860	T	0.0276
rs2760219	T	0.042
rs4926941	C	-0.1124
rs115656116	T	-0.2006
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rs914942	T	0.0262
rs7536590	T	0.0414
rs79154302	T	0.095
rs10747316	G	-0.0291
rs6683896	G	0.0287
rs34944829	A	0.0843
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rs12736865	C	0.029
rs141641986	T	0.1903
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rs581244	A	-0.0341
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rs17375748	T	-0.0627
rs12031945	C	-0.0482
rs147559127	T	-0.0849
rs11119149	A	0.0468
rs141703008	A	-0.1611
rs11185437	C	-0.0567
rs116256882	T	-0.1905
rs112642395	T	-0.0792
rs8179365	G	0.0711
rs55728445	T	-0.0443

rs2859333	G	-0.0303
rs115448174	T	0.1419
rs4648464	G	0.0272
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rs10923800	T	0.1616
rs76259356	G	0.0578
rs116064282	G	-0.131
rs113487566	T	-0.1413
rs72717735	G	-0.1661
rs71524417	C	-0.1435
rs10796476	C	0.0297
rs34008697	G	0.0279
rs12736679	A	0.055
rs10908773	A	0.0507
rs78028693	G	0.1769
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rs34635301	A	0.2171
rs1524180	C	0.0314
rs79598945	T	-0.1125
rs144438477	T	0.1779
rs116687161	G	0.1787
rs71655828	C	-0.1088
rs12025734	A	0.0431
rs11803632	A	-0.1124
rs145441566	A	0.0848
rs17037979	G	0.2604
rs4662044	T	-0.0736
rs79679347	C	-0.0556
rs140100321	A	-0.0759
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rs11805309	G	-0.0871
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rs12121446	A	0.0987
rs72673334	T	-0.1038
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rs80308069	T	-0.0893
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rs61805425	A	-0.0675
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rs148424011	T	-0.1542
rs4655041	T	0.0354
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rs6701446	G	-0.0989
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rs4839531	A	0.0343
rs139312264	G	-0.2425
rs6588477	A	0.0492
rs116737423	C	-0.113
rs72770771	T	-0.0952
rs17353053	A	-0.0553
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rs77796932	A	0.1941
rs517786	T	-0.0342
rs75902389	T	0.0686
rs6669759	A	0.0878
rs17454529	A	-0.039
rs114138649	A	0.1544
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rs879446	T	-0.0271
rs2032539	T	0.0276
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rs58626409	G	0.0455
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rs115933407	T	0.1602
rs12078902	T	-0.0406
rs17433909	T	0.0844
rs1537783	C	0.0262
rs4659972	T	0.0496
rs712889	T	0.0298
rs10754778	G	0.0295
rs72758612	A	-0.18
rs17385817	A	-0.0984
rs592627	C	0.0291
rs7513016	A	0.0485
rs149098216	C	-0.182
rs12736032	C	0.0419

rs12088915	C	-0.0284
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rs2690039	C	0.0473
rs2284131	C	0.0384
rs72663143	C	0.1391
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rs75244792	G	-0.0487
rs115843383	C	-0.1274
rs74898392	T	0.1407
rs72660647	A	-0.0795
rs17673582	A	-0.1171
rs61780749	A	0.0887
rs9431644	G	0.0871
rs56884865	T	-0.0306
rs2781793	G	-0.0295
rs139802123	G	0.0929
rs17666182	T	0.1565
rs769891	A	-0.0301
rs148375054	A	0.1525
rs116748471	A	0.0446
rs2034525	T	0.0577
rs145988643	T	0.1388
rs114822073	A	0.1122
rs77230360	C	-0.0412
rs55921643	G	0.0897
rs74925855	C	0.1468
rs10489329	T	0.0302
rs12725096	T	0.082
rs34941779	T	0.0404
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rs4534348	C	-0.0939
rs6671226	G	0.1529
rs954679	A	-0.0274
rs10746497	T	-0.0351
rs74060274	T	0.0774
rs12129377	A	0.0856
rs139861483	A	0.2079
rs945652	A	0.0295
rs6696816	C	0.0283
rs61800296	T	-0.0569
rs12065563	A	-0.1259
rs12138908	C	0.0891
rs112764761	C	0.0801

rs7526403	T	0.0708
rs149848601	T	0.1259
rs3761923	G	0.0626
rs3914855	A	0.0366
rs12025933	T	-0.0574
rs2759282	T	0.0502
rs140221071	A	-0.1385
rs11585422	T	-0.0605
rs146899755	T	0.1425
rs78451385	T	0.0768
rs113877915	T	-0.1311
rs35300120	T	-0.0295
rs143592906	C	-0.0462
rs1042772	C	0.0259
rs486495	T	-0.0414
rs112374930	C	0.1481
rs12033152	C	-0.038
rs114461105	G	-0.1563
rs4845962	A	-0.0285
rs2670441	C	-0.0323
rs10798435	C	-0.1999
rs1281296	C	0.0344
rs57540377	G	0.0517
rs12137808	G	0.0509
rs149691162	C	0.0988
rs3904042	A	0.0324
rs11161621	T	-0.0263
rs34085616	T	0.0666
rs7552562	C	-0.0258
rs77886090	T	-0.0593
rs113542571	C	0.0971
rs12134439	T	-0.0354
rs17423972	C	-0.094
rs11587380	G	-0.0501
rs78713725	C	-0.1155
rs61770716	C	-0.1084
rs7537226	A	0.0375
rs9283430	C	0.0392
rs115939770	T	-0.1485
rs74752626	A	-0.1294
rs6673722	T	-0.0615
rs142342032	C	-0.1608
rs17091031	A	0.0454
rs12137901	C	-0.0369
rs1490413	A	-0.0318
rs2245071	G	-0.0666
rs72724382	A	0.0283

rs113982697	T	-0.1114
rs12119235	G	0.039
rs61775781	T	0.2341
rs34148285	A	0.0534
rs12131341	C	0.1083
rs57372734	T	0.1556
rs80053326	C	0.1055
rs1419286	C	0.0269
rs116218384	T	0.0661
rs145439508	G	-0.0925
rs6704100	A	-0.0272
rs12410705	C	0.0642
rs825216	G	-0.0531
rs78276316	C	-0.1066
rs2494500	C	-0.1117
rs2177817	A	0.044
rs11209341	G	-0.0294
rs41307808	A	0.0645
rs41309157	T	0.0681
rs6586382	C	0.0399
rs12098183	T	0.0432
rs116471159	T	0.1194
rs3765743	T	0.0304
rs59658986	C	-0.053
rs146216440	C	-0.0807
rs79682530	T	-0.1535
rs12036432	A	0.0296
rs76821532	G	0.0848
rs141291554	C	-0.0625
rs55894201	G	0.0669
rs147602759	A	0.1356
rs17486391	C	-0.0775
rs12027180	T	-0.0292
rs11206244	T	-0.0288
rs140452146	T	0.1672
rs12562880	G	0.0382
rs11118207	T	0.046
rs147883180	A	0.1689
rs111379004	A	0.1183
rs585942	A	-0.1123
rs75921042	A	0.0585
rs640189	T	-0.0261
rs17094539	A	0.0673
rs11588727	T	-0.0921
rs2096209	T	-0.0941
rs77091008	A	0.146
rs116335966	C	0.1408

rs16831558	T	-0.0413
rs76482784	A	-0.028
rs36106146	T	0.1368
rs1923949	G	-0.0309
rs115235714	A	0.0879
rs74816897	C	-0.1052
rs356099	C	-0.0413
rs945794	C	-0.1643
rs79333083	T	0.1255
rs9429617	C	-0.0828
rs17578266	G	0.1227
rs71629883	T	0.0628
rs10920628	C	0.0436
rs142485203	T	0.225
rs625146	C	0.0297
rs146468519	T	0.1141
rs12145112	C	-0.041
rs9778123	C	-0.0763
rs1176385	T	0.0301
rs12132318	C	-0.0978
rs79499685	C	0.1397
rs1273202	A	-0.0688
rs3767496	A	-0.1205
rs116028235	A	0.1044
rs529758	A	-0.0345
rs17375010	T	-0.0585
rs605978	G	-0.0285
rs12083212	T	0.0682
rs115744996	C	-0.149
rs115317969	A	0.0616
rs56020439	C	0.0353
rs142132186	T	0.1402
rs4915009	G	0.0428
rs2064893	A	-0.033
rs76838622	T	0.1631
rs753612	A	-0.0279
rs72675224	T	0.1234
rs2843142	A	-0.027
rs3856271	C	0.0698
rs1924558	G	0.0291
rs12120021	A	0.0502
rs72683089	G	0.217
rs114607187	T	-0.2908
rs78981068	C	0.1217
rs2056047	G	0.0335
rs1367444	A	0.0562
rs945341	A	0.048

rs72764393	T	0.1059
rs56274715	G	0.1376
rs139388853	T	0.1823
rs75749636	C	-0.0891
rs538060	A	-0.0267
rs55675282	C	-0.1393
rs1294037	A	0.0395
rs3124455	C	-0.0288
rs698994	T	0.0305
rs115685115	G	-0.1492
rs140038061	C	0.1255
rs77993548	C	0.0963
rs12401716	G	-0.0476
rs1986615	G	0.058
rs151108870	G	0.1082
rs79636736	T	-0.0814
rs78735799	T	0.2325
rs17580827	T	0.1611
rs947354	T	-0.044
rs114113108	C	0.1893
rs2916193	A	-0.0344
rs61812076	A	0.0744
rs55690061	T	-0.0778
rs7512379	A	0.0272
rs72742850	G	0.0875
rs74474202	T	-0.1221
rs17044239	G	-0.0475
rs112334902	A	0.0558
rs114704742	T	-0.2328
rs228717	A	-0.0265
rs12754289	C	0.1421
rs6674201	T	0.0333
rs116328003	A	0.1915
rs12035704	C	0.0942
rs34303658	T	0.0401
rs150258442	A	0.0571
rs77449937	C	-0.0606
rs80183258	A	-0.1406
rs1289005	G	-0.0257
rs115101515	G	0.1249
rs7535533	G	-0.0267
rs67585269	A	-0.0397
rs114918315	G	0.1533
rs1181878	A	-0.0446
rs12354285	A	0.0708
rs12748002	T	0.1705
rs12127607	C	-0.0294

rs150614649	G	0.1118
rs74766563	A	0.157
rs79489292	T	0.0914
rs77640150	G	0.1317
rs112582648	A	-0.1797
rs77908573	A	0.0951
rs149287860	T	0.1172
rs143468994	T	0.1297
rs685324	G	0.03
rs11264899	A	-0.0287
rs3011813	C	-0.0275
rs11578076	G	0.061
rs76824778	C	-0.0748
rs10458382	T	0.0288
rs423507	A	0.0472
rs11581095	A	-0.0274
rs4658082	G	0.164
rs111760471	G	-0.0915
rs78200510	A	-0.1925
rs9428653	G	0.0271
rs6604660	T	-0.2682
rs4926734	T	0.1011
rs35016303	C	0.0729
rs56246831	C	0.1981
rs75830776	A	-0.16
rs113175860	T	-0.1502
rs2791510	T	-0.0418
rs4661310	T	0.0304
rs72755852	G	-0.0937
rs150538316	T	-0.0523
rs80287674	C	-0.1001
rs116106829	A	-0.0783
rs149410788	A	0.2039
rs72711256	A	0.1323
rs79762455	T	-0.1084
rs72735111	G	0.1539
rs17131727	C	-0.0601
rs74585989	A	-0.1349
rs71628253	A	-0.0921
rs2480062	A	0.0259
rs6701536	G	-0.0287
rs138894682	A	0.0778
rs6426541	A	0.027
rs768529	A	0.0292
rs11811059	C	-0.1202
rs1166883	G	0.0328
rs139311319	T	-0.0934

rs1779268	C	-0.0264
rs116678056	T	-0.1119
rs12021949	A	-0.0525
rs707586	C	0.0378
rs11161441	T	0.0276
rs10858068	A	0.0289
rs1998907	G	-0.0259
rs77238538	A	-0.1674
rs1612733	T	-0.0837
rs113900087	G	0.1223
rs77699816	C	0.0826
rs4469718	C	0.0359
rs1521877	A	0.0392
rs75136924	C	-0.1018
rs76708215	T	0.1185
rs113142500	G	0.1685
rs115442245	C	0.1183
rs364716	T	-0.0278
rs1937184	G	0.0343
rs61824228	A	-0.0709
rs3789539	C	-0.0683
rs4652097	T	-0.0291
rs61770097	A	-0.1577
rs2296760	A	-0.1786
rs2999893	C	-0.0367
rs6588412	T	-0.0265
rs72719633	C	0.0427
rs1033638	A	0.0335
rs28580415	A	0.0529
rs72672800	G	0.1397
rs7513747	T	-0.03
rs114111948	A	0.2221
rs7540878	T	-0.0909
rs76758925	G	-0.055
rs114956635	T	-0.0591
rs10922750	T	-0.0264
rs11265395	C	0.0321
rs12031881	A	-0.046
rs113580155	C	0.1573
rs72758781	A	0.0612
rs114623607	A	0.1306
rs11120453	T	0.0489
rs61784651	T	-0.0392
rs967244	G	0.0329
rs149569294	T	-0.1376
rs112635856	A	0.1323
rs72685887	C	-0.0841

rs80345588	C	0.0531
rs2317235	G	-0.027
rs17377408	G	0.0773
rs78444298	A	-0.2453
rs74960082	A	-0.1568
rs145686077	A	0.1906
rs769162	A	-0.043
rs146863854	T	0.1942
rs4303074	T	0.11
rs9333447	T	-0.0901
rs77305047	A	-0.0961
rs12060242	C	-0.0379
rs7517143	C	0.0609
rs138944852	C	0.1967
rs41485945	G	-0.0727
rs35247298	T	-0.1484
rs12562729	T	-0.0689
rs7517899	T	0.052
rs55676906	G	-0.0491
rs17381050	C	0.057
rs1565824	G	-0.03
rs75298171	A	-0.1198
rs1971304	T	-0.0566
rs116609258	A	0.1017
rs2473314	T	-0.0488
rs11206144	A	0.066
rs78236581	C	0.082
rs140564768	G	0.0877
rs607206	T	0.0355
rs79742895	C	-0.0763
rs1932023	G	-0.0399
rs12753120	T	-0.0465
rs77840260	C	0.0845
rs77028476	C	0.1583
rs1983833	A	0.0326
rs1260767	C	0.0261
rs3093050	C	0.0552
rs34127103	G	-0.1988
rs2184029	A	-0.0305
rs114387168	C	0.072
rs12145205	T	-0.0343
rs11163320	T	0.0595
rs10910867	G	-0.0284
rs7542919	G	0.0557
rs4345854	A	-0.0339
rs164891	A	0.0721
rs115420434	C	-0.119

rs10900486	C	0.0283
rs144002142	T	0.1803
rs11589833	A	-0.0678
rs115227541	T	0.0885
rs143085971	G	-0.108
rs6696077	A	0.0431
rs17258955	T	0.1676
rs4074962	T	0.1435
rs61776679	G	0.0856
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rs114381319	T	0.1773
rs10918048	T	0.0427
rs115980112	T	-0.1373
rs7525534	T	-0.0271
rs6676516	T	0.0279
rs12563910	T	-0.0322
rs144536245	T	0.1037
rs116218514	T	-0.2547
rs7513940	C	-0.0536
rs485790	G	-0.0258
rs112305565	G	0.0513
rs700024	G	0.0404
rs60829247	G	0.126
rs77496978	G	0.1792
rs74331877	A	0.1978
rs56725515	A	-0.0679
rs116532364	T	-0.1018
rs12046421	A	0.036
rs1459763	G	-0.0302
rs557755	A	0.1137
rs409378	T	0.1844
rs35199952	T	0.0706
rs473072	G	-0.045
rs77138986	C	-0.1269
rs115037911	C	-0.2282
rs3908048	C	0.0254
rs3747960	A	0.0365
rs41264867	T	0.0801
rs147284305	A	-0.1376
rs74991754	C	-0.1527
rs56229718	A	-0.0477
rs11805150	C	0.0324
rs79964016	C	0.0868
rs7534173	G	-0.0537
rs10489489	A	-0.0642
rs77078256	A	-0.107
rs78424795	A	0.0476

rs3767430	A	-0.0258
rs7513821	C	-0.0602
rs17669728	T	-0.0332
rs35112997	C	-0.0415
rs17126906	G	0.0696
rs71647497	G	-0.0935
rs72684156	G	0.0645
rs7515649	A	-0.034
rs77210531	T	0.1869
rs6679480	T	-0.0346
rs76776318	A	-0.0978
rs76432764	C	-0.0771
rs150378245	C	0.1094
rs10863401	C	-0.0348
rs68035391	T	0.0768
rs76397273	G	-0.0394
rs72771953	A	0.0604
rs9439441	A	-0.1012
rs7540360	T	-0.0262
rs6692890	C	-0.0689
rs67958777	C	0.0273
rs74066778	C	0.1715
rs12405814	T	-0.1223
rs2391810	T	0.1074
rs12040584	A	-0.0705
rs2169077	T	-0.044
rs4839469	A	-0.0362
rs10733094	A	0.0267
rs12041297	C	0.0348
rs115495197	T	0.1134
rs56797685	T	-0.0391
rs664524	C	0.0255
rs12739987	C	-0.0677
rs517053	C	0.0312
rs997007	G	-0.0476
rs3011179	A	0.0444
rs2126643	T	-0.0275
rs35407093	A	0.0721
rs479225	A	-0.0265
rs4908640	G	-0.058
rs78331836	C	0.1706
rs260916	T	0.1492
rs77314057	T	-0.1698
rs12759905	C	-0.1017
rs12126570	C	0.1005
rs10802200	G	0.0295
rs4367782	A	0.0261

rs72689745	G	0.0689
rs115856370	A	-0.2462
rs79328789	C	-0.0852
rs1890128	A	0.0891
rs67490848	C	0.0574
rs75375519	A	-0.1659
rs851310	T	0.0424
rs67410899	G	0.0402
rs6687601	C	0.0256
rs2257059	T	-0.0565
rs1266380	A	-0.0297
rs7549132	A	0.0695
rs72740276	T	-0.06
rs114259821	T	-0.223
rs61085916	A	0.0968
rs1609840	G	-0.0317
rs437722	A	0.0304
rs75309530	A	-0.0554
rs115038423	C	-0.1223
rs41274510	A	-0.0926
rs267643	A	0.0485
rs12143334	T	0.0771
rs6679810	T	-0.0426
rs72744964	T	-0.0965
rs151062553	T	-0.1087
rs114082272	T	-0.1309
rs75831216	A	0.0748
rs114257582	A	0.1617
rs565076	A	0.0268
rs4475771	C	0.1011
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rs114133583	A	0.157
rs12403399	C	0.0512
rs2037621	A	0.0254
rs3935799	A	0.0294
rs14000	C	0.0425
rs41308399	T	-0.1181
rs10799837	G	0.0263
rs79081973	C	-0.1405
rs7541836	G	0.0284
rs10442703	T	0.0442
rs2256357	T	-0.0322
rs148637611	A	0.1026
rs141440380	T	-0.0923
rs76472455	G	-0.1282
rs1340445	C	0.0292
rs61810744	A	-0.1332

rs2477972	G	-0.0356
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rs141008435	A	-0.0955
rs11206809	G	-0.0318
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rs77316548	G	0.1827
rs74968601	G	-0.1206
rs116778079	A	-0.1866
rs72868493	A	0.1754
rs145726514	G	-0.0888
rs11576485	C	-0.0934
rs12123470	T	0.0306
rs77597214	A	-0.1216
rs76701547	A	0.0529
rs113445054	T	-0.0582
rs76525396	C	0.161
rs1571752	G	-0.0378
rs12141660	T	-0.0358
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rs12119119	T	-0.1166
rs76550922	C	-0.1876
rs111587437	T	0.1228
rs114244324	T	0.1393
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rs140109016	T	0.1556
rs77807963	A	0.1307
rs76100124	A	0.0634
rs12034166	C	0.0298
rs74844843	A	0.1676
rs112585178	T	0.0941
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rs116774173	T	0.1313
rs114337666	A	0.0949
rs115120539	A	0.1011
rs11800678	T	0.1301
rs2369527	G	-0.0585
rs146629799	C	-0.118
rs7529768	A	-0.068
rs514514	T	0.0301
rs61766664	G	-0.1575
rs17380703	T	-0.033
rs727334	C	0.0455
rs17398958	T	0.0325
rs112170876	T	0.0324
rs28680958	A	-0.03
rs144492584	A	0.0813
rs112530631	T	0.0897

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rs74622388	C	0.1023
rs75656303	T	0.1114
rs112466115	T	0.0988
rs116523253	C	0.1404
rs61764989	G	0.1357
rs6424984	C	0.1203
rs12031580	A	-0.0276
rs78759867	A	-0.0291
rs17099445	A	0.0633
rs140466306	T	0.1857
rs12061105	T	-0.0309
rs41443445	C	0.0735
rs78815349	G	0.0384
rs1316515	A	-0.0789
rs6427123	A	-0.0281
rs3120773	C	-0.0551
rs10802381	C	0.0334
rs116235398	C	-0.1265
rs116605743	A	0.0935
rs80140681	G	0.1816
rs10920129	T	-0.0303
rs2498036	C	-0.1309
rs72771963	C	0.1302
rs6588518	C	-0.0283
rs12028899	C	-0.0633
rs3765968	T	-0.0272
rs77849205	T	0.1687
rs4912205	A	-0.0339
rs61783724	A	0.0429
rs3738480	A	0.0285
rs115907965	C	-0.1106
rs10924826	A	-0.0307
rs78057964	G	0.0893
rs3766734	C	-0.0558
rs6702224	G	0.1434
rs72674074	T	0.158
rs1347540	A	0.0712
rs61769130	G	-0.0785
rs17466149	C	-0.0791
rs67860750	C	0.054
rs77078001	T	-0.1153
rs115587256	T	-0.0905
rs12073044	A	0.0427
rs80041284	A	-0.1066
rs114126005	A	0.1319
rs79293429	G	0.1228

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rs143152993	G	-0.1304
rs11211610	C	-0.097
rs12742649	C	-0.0323
rs9729280	A	-0.0348
rs781940	G	0.0293
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rs6429040	T	-0.0259
rs664777	T	-0.0437
rs503910	G	0.0271
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rs72700458	A	-0.0581
rs2840327	A	0.0492
rs619283	G	0.0493
rs112716838	T	0.1634
rs73026685	A	0.0649
rs12037463	T	0.0272
rs12562591	T	0.041
rs12728900	A	-0.0289
rs55808302	T	0.0422
rs113360026	G	0.0926
rs1203702	G	-0.15
rs2982502	G	-0.0282
rs7524907	C	0.0404
rs12139284	G	0.135
rs71632376	T	-0.0885
rs76993648	G	0.0422
rs113806604	C	0.0458
rs12028750	A	-0.0256
rs75457582	T	-0.104
rs10917400	T	0.0303
rs142985089	T	0.1702
rs7535404	T	0.0322
rs315511	A	0.0282
rs11587248	A	-0.0516
rs1853809	G	0.0249
rs80098637	C	-0.084
rs10908792	G	0.0276
rs17581674	G	0.0682
rs55899314	A	0.0467
rs9724895	C	-0.0471
rs10889757	T	0.042
rs114683940	A	0.1567
rs2348102	C	0.0268
rs116292642	T	0.1417
rs75598696	G	0.101
rs115985912	G	0.1035

rs111272343	T	0.1436
rs112285830	T	-0.1134
rs4657673	A	-0.0256
rs55861837	T	0.1456
rs72762247	A	-0.1102
rs12037750	A	0.0341
rs11806215	C	-0.0486
rs211679	A	0.0433
rs1114120	A	-0.06
rs75263412	T	-0.1303
rs74144250	A	-0.0965
rs117989865	T	0.0898
rs145321001	T	-0.1589
rs59295640	T	0.2452
rs631130	T	0.0335
rs80308334	G	0.0412
rs114416916	A	0.1429
rs16852953	A	-0.0427
rs149779043	T	0.1186
rs11801927	C	-0.1136
rs7551221	T	-0.0309
rs76782076	T	-0.1624
rs11117796	T	-0.0374
rs139850698	A	-0.2437
rs12120945	T	-0.0306
rs71647714	T	0.0794
rs4363450	C	-0.0607
rs141007956	C	0.0782
rs116482992	G	-0.1887
rs3853555	T	0.1148
rs12402873	C	-0.0615
rs17031888	C	0.0736
rs150692133	C	0.112
rs75592410	T	-0.1936
rs11583322	C	-0.0268
rs41267299	T	-0.0732
rs6670029	T	-0.128
rs113649048	C	-0.1664
rs722377	A	0.1
rs61771705	T	-0.0452
rs141817176	A	0.115
rs2800880	C	0.0341
rs7554577	A	-0.0269
rs1418632	T	0.0267
rs11249205	T	0.1565
rs78172810	A	0.213
rs34175297	C	0.1756

rs639208	A	0.0377
rs10494964	C	0.0284
rs1581797	G	-0.0315
rs11582540	A	0.0489
rs17023457	C	0.0367
rs75963117	C	0.1014
rs3738047	A	-0.0485
rs78263317	A	-0.1067
rs12022435	C	-0.0327
rs115943349	C	0.0916
rs1887631	A	0.0334
rs12059841	T	-0.039
rs142075872	A	-0.1825
rs577605	T	-0.207
rs2251004	C	0.0273
rs6668145	C	-0.0539
rs12753021	T	0.0447
rs12755468	T	0.0393
rs112980209	A	0.0381
rs12410358	T	0.0406
rs72716502	G	0.1278
rs75178452	A	0.1052
rs113763668	G	-0.088
rs115457674	T	-0.1827
rs112942343	G	-0.0978
rs10873936	A	0.0275
rs1456328	G	-0.0349
rs7548116	T	-0.0262
rs138738884	A	0.1698
rs41268448	A	0.1531
rs74614395	G	0.0984
rs149389171	A	-0.1849
rs142145679	C	0.0742
rs80082110	T	0.1213
rs6684393	A	-0.0293
rs2643011	G	0.1812
rs10218792	G	0.0317
rs12061913	G	-0.1353
rs112694883	A	-0.1286
rs3753928	T	0.0407
rs7538112	A	-0.027
rs1126618	T	0.0378
rs5024467	T	0.0278
rs367629	G	0.0352
rs12082832	T	-0.0679
rs147972973	T	0.1409
rs142567407	A	0.1681

rs111264815	C	0.0625
rs12062121	T	0.0263
rs148672580	G	0.1414
rs75308810	G	0.0966
rs116135156	G	0.1214
rs116254572	T	0.1418
rs10874828	T	0.044
rs609521	C	0.0256
rs115141296	T	0.168
rs4653441	G	-0.042
rs12074252	C	0.0464
rs58546752	T	0.098
rs112745585	T	0.124
rs10779538	G	0.1704
rs3132275	G	0.0782
rs56304095	C	0.0979
rs11206087	T	-0.0641
rs676292	A	-0.0279
rs116276371	T	-0.1582
rs61780969	A	0.1143
rs116207421	G	-0.0571
rs1532158	A	0.027
rs12035318	A	0.0295
rs75055578	T	0.1368
rs11118918	T	-0.0338
rs2275307	C	-0.0307
rs11583785	T	0.0285
rs4926445	A	0.0304
rs2924862	A	0.0361
rs7545489	A	-0.0256
rs10753773	C	0.0284
rs61773295	C	0.0959
rs72699533	G	-0.1086
rs16852889	C	0.072
rs3000920	A	-0.0454
rs9428019	T	0.0284
rs618191	T	-0.0385
rs1118406	G	0.1531
rs79869855	A	0.154
rs17410015	C	0.046
rs2335141	A	-0.0343
rs6692194	C	-0.0265
rs6683583	A	0.0424
rs76656809	A	-0.0636
rs11809911	T	-0.027
rs79259149	G	0.1353
rs77522067	C	0.0341

rs10927823	A	-0.0268
rs74364002	T	-0.0425
rs12120358	T	0.0308
rs112343239	G	0.1316
rs146050758	G	0.1165
rs3767657	T	0.0374
rs12066297	G	0.0561
rs78036096	T	-0.0714
rs12029859	T	0.0825
rs116804994	T	0.0691
rs334668	A	-0.029
rs2811577	T	0.0467
rs10914130	G	0.028
rs146674281	C	0.2033
rs12026627	A	0.0492
rs138435918	T	-0.1113
rs9436949	A	-0.0339
rs77404016	T	-0.0836
rs114002014	G	0.2029
rs4908597	T	-0.0286
rs6703791	C	0.0344
rs114228368	G	-0.1404
rs12757286	C	-0.0741
rs145407043	A	0.0836
rs76433036	A	-0.0908
rs491320	A	-0.0508
rs213641	C	0.0252
rs12123831	A	0.0328
rs274754	G	-0.031
rs72866207	A	0.1135
rs115953903	A	-0.1109
rs10127584	A	-0.1082
rs34982367	C	0.0253
rs17420160	C	-0.0886
rs12565406	T	0.0444
rs149330681	T	-0.1468
rs2494429	A	0.0381
rs2230625	G	0.1522
rs12409409	T	-0.126
rs6593949	A	0.0902
rs149504769	A	-0.124
rs72668010	G	0.0823
rs74810816	G	-0.0603
rs77086949	T	0.1093
rs12741053	C	-0.0383
rs150252686	A	0.1271
rs3747948	G	-0.0271

rs76397397	G	0.1036
rs12724794	T	0.0247
rs34715109	T	0.0634
rs139069797	A	0.038
rs10912534	T	-0.0278
rs141626564	A	-0.1072
rs74441312	G	-0.1118
rs77578874	A	0.0707
rs2485306	T	0.0279
rs1609583	T	-0.1007
rs17382685	A	0.0715
rs2201795	A	0.0256
rs1770015	G	-0.0362
rs12135017	A	0.0266
rs115919252	G	-0.1014
rs6665426	A	-0.0339
rs74518103	G	0.1099
rs17022944	G	0.035
rs12757522	A	-0.0442
rs148390799	A	0.1477
rs2281169	A	0.0263
rs61759111	T	-0.0394
rs713333	G	0.0247
rs2056110	A	-0.0559
rs6698525	T	0.0251
rs116422493	A	-0.1415
rs1157127	C	-0.0272
rs7521682	T	-0.0247
rs78012835	A	0.1899
rs11810101	A	0.0441
rs143060883	A	-0.1475
rs3747617	T	0.0612
rs4654607	C	0.0262
rs55715364	T	0.1007
rs143259067	C	-0.2137
rs138610694	A	-0.2175
rs74541713	C	-0.0746
rs625226	C	-0.0361
rs7524357	G	-0.029
rs115454090	A	-0.1033
rs115766674	A	-0.1446
rs74525208	T	0.1995
rs9970901	A	-0.064
rs115140205	A	-0.1323
rs34463765	G	-0.0255
rs2486720	A	-0.099
rs80193509	G	0.0965

rs3748586	A	-0.0309
rs6428744	T	0.0282
rs78304124	C	0.158
rs146567656	G	-0.1249
rs151277129	A	-0.1649
rs74880631	G	0.0487
rs116690229	A	0.0751
rs11803356	C	0.0439
rs17587612	C	-0.0324
rs12139910	G	-0.0649
rs116649576	C	0.1189
rs988820	G	-0.0461
rs10802506	T	-0.0428
rs9426434	T	-0.0317
rs11589855	T	0.0262
rs6425665	G	0.0831
rs73110475	T	-0.0722
rs72685180	T	-0.0757
rs17539887	T	-0.161
rs320020	A	0.0271
rs839607	C	-0.0255
rs72752040	C	0.0835
rs1926279	G	-0.026
rs3014719	G	-0.0264
rs149589332	T	0.074
rs6695279	C	0.0316
rs61810270	A	-0.0326
rs6700355	T	-0.0249
rs1294335	C	0.0385
rs821418	G	-0.0254
rs142662217	A	-0.0852
rs12117738	G	0.047
rs2136686	G	0.032
rs115595729	C	-0.1776
rs4301663	A	0.0431
rs11120584	C	-0.0392
rs142418069	A	-0.05
rs1113462	A	-0.079
rs4657188	C	-0.0295
rs60685751	T	0.0376
rs7349120	A	0.027
rs2359668	C	-0.0361
rs12565195	T	0.0281
rs17299470	T	0.1111
rs143345192	G	-0.1132
rs79576611	T	0.0437
rs72696988	G	-0.1265

rs76964524	A	-0.0933
rs73115536	T	-0.049
rs146142363	A	0.1094
rs2791388	G	0.1861
rs56129414	C	-0.1048
rs6691840	C	0.0398
rs565645	T	0.028
rs79880495	G	0.0683
rs56057245	T	0.0902
rs6427418	A	0.0473
rs10754455	A	0.0278
rs61765968	A	0.0578
rs11802217	G	0.0571
rs4256831	C	0.027
rs12135736	C	0.0409
rs116122994	A	0.0837
rs10449222	A	-0.0612
rs115984300	C	0.1442
rs10874535	C	0.0299
rs75986733	T	-0.1395
rs259589	A	0.0761
rs10915428	G	0.0261
rs12728849	C	0.0494
rs142079150	T	0.0742
rs862989	G	0.0296
rs78439462	C	-0.1216
rs143666280	T	-0.1267
rs115621056	A	-0.0938
rs55865801	G	0.0334
rs148552395	G	0.145
rs116811541	G	0.0927
rs141011158	T	-0.0783
rs4915219	G	-0.0543
rs73127686	A	0.1965
rs144986107	G	-0.0866
rs61784815	G	-0.0686
rs770025	T	0.1308
rs3766307	G	0.0538
rs12123153	G	0.0879
rs115179343	C	-0.1042
rs28429763	G	0.0245
rs860294	T	-0.0271
rs6659127	T	-0.0323
rs2095411	T	0.0323
rs4847195	C	0.1065
rs115928135	A	-0.1946
rs114106982	T	0.1171

rs148208459	A	-0.1489
rs74417265	A	0.076
rs28361215	T	0.0335
rs150414325	C	-0.1775
rs149367378	T	0.1168
rs12116756	A	-0.0255
rs147754070	A	-0.0637
rs17376426	T	-0.1058
rs78632757	T	-0.1131
rs10493228	T	-0.0331
rs7514667	A	0.0414
rs142763482	T	0.1307
rs1981252	G	0.0325
rs6686422	C	0.029
rs12744652	G	-0.0511
rs17160088	C	0.0993
rs7526365	C	0.0265
rs3213495	A	-0.0405
rs140888463	A	0.1144
rs35481053	T	-0.1652
rs4328117	G	-0.0249
rs4442431	T	-0.0251
rs2661291	A	0.0247
rs10913971	C	0.0496
rs72752871	A	-0.1376
rs13373932	A	0.1085
rs17131598	G	-0.0318
rs145103770	G	0.1086
rs78658121	A	-0.0983
rs61834604	G	0.0333
rs78276852	G	-0.1933
rs484220	G	-0.0271
rs72994373	T	-0.0472
rs34528220	G	-0.1001
rs56167245	G	-0.0816
rs61760756	T	0.0269
rs55866178	C	-0.0642
rs11577618	T	0.1341
rs12078214	T	-0.041
rs151283122	A	0.1862
rs12566126	T	-0.0603
rs6678161	G	0.0445
rs74448403	A	0.1144
rs17415142	C	0.195
rs61828738	A	0.1932
rs138621610	A	0.1652
rs35558768	T	-0.127

rs1077603	T	-0.0598
rs142485517	C	-0.1626
rs75460941	A	0.1664
rs138080031	C	0.0811
rs143478860	G	0.1334
rs114190610	C	-0.153
rs6669434	C	-0.0425
rs17362156	C	-0.0901
rs72852188	A	0.1058
rs12404736	A	-0.0324
rs71659377	G	0.0407
rs77822888	A	-0.0962
rs148983312	A	-0.2095
rs1203138	A	-0.0412
rs74860670	G	-0.2164
rs4515743	T	0.0274
rs79804794	A	-0.2147
rs145027424	C	0.0859
rs6673089	A	0.0257
rs147653117	T	0.1514
rs11209910	T	0.0585
rs1725375	A	-0.046
rs2274788	C	-0.0288
rs79027656	A	-0.1093
rs7511766	A	0.0297
rs116468848	T	-0.0702
rs623619	T	-0.0316
rs4915789	A	0.0319
rs114657146	T	-0.1377
rs116015235	A	-0.1208
rs2359015	T	0.1257
rs12565177	G	0.0478
rs72864756	G	0.152
rs59153811	C	0.1297
rs113000383	G	0.0757
rs60453441	G	-0.0368
rs41386251	C	0.0472
rs3845445	G	0.0341
rs11240601	A	0.0266
rs116222714	T	-0.114
rs116375448	A	0.128
rs61806719	T	-0.089
rs78075867	C	0.0483
rs11118691	T	0.0281
rs77968126	A	-0.1837
rs12730077	G	-0.1431
rs9434168	G	-0.0241

rs12144895	T	-0.0659
rs11802620	A	-0.0501
rs6701728	A	0.0806
rs621213	A	0.1187
rs6685346	A	-0.0253
rs12409061	T	-0.048
rs77927145	G	0.0573
rs76266303	G	-0.1021
rs76331809	A	0.1303
rs17187568	G	-0.0389
rs144210637	G	-0.1801
rs12070530	G	0.0407
rs10798911	C	0.0303
rs645891	G	-0.0248
rs77081740	T	-0.1371
rs941934	T	-0.0408
rs28690884	G	-0.0347
rs6676670	T	-0.0322
rs11804762	T	0.1041
rs145175417	T	-0.2329
rs1679971	G	0.0337
rs72682520	A	0.0443
rs146084957	C	0.1173
rs75921077	T	-0.0942
rs56404909	T	-0.037
rs548267	A	0.1163
rs7540387	C	0.0325
rs3747978	C	-0.0377
rs72650313	T	-0.0579
rs7526066	T	-0.1164
rs11166019	G	0.0407
rs4844402	C	0.0427
rs74958964	T	0.1216
rs12088443	A	0.1735
rs80047136	C	0.0994
rs75585263	G	0.1282
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rs198359	C	0.0408
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rs143115813	G	0.1275
rs10889145	G	-0.0248
rs233105	C	-0.0792
rs75413771	A	-0.1057
rs11581532	T	0.0713
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rs968632	G	0.0517

rs76354655	G	0.1734
rs77739064	C	0.0803
rs75661872	G	-0.1566
rs2745272	C	-0.0391
rs34022709	C	-0.0363
rs12142887	A	0.1866
rs116633310	C	0.1703
rs3753276	C	-0.034
rs209876	C	-0.0398
rs10494335	A	-0.0508
rs144969872	A	0.1462
rs78295519	G	0.1043
rs12749819	G	0.0319
rs61839663	T	0.0292
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rs10788759	A	0.0282
rs2764679	T	0.0253
rs112530376	T	0.0318
rs7522733	T	-0.1044
rs114710070	T	0.0949
rs10920574	T	-0.0614
rs74496394	A	-0.05
rs145224557	A	0.0768
rs474167	A	0.028
rs75323340	C	0.1106
rs2497990	C	0.0292
rs7543186	A	0.0332
rs1766963	A	0.1208
rs345320	C	0.0326
rs116755477	A	0.1821
rs149949381	C	0.1055
rs949586	A	-0.0254
rs12120746	A	0.0556
rs56299556	A	-0.0341
rs12739407	A	0.1317
rs2308941	A	0.1633
rs115085194	A	-0.0865
rs12566247	T	0.0282
rs17110298	C	-0.0952
rs34517948	A	-0.0456
rs4999950	G	-0.0332
rs146360266	G	0.0599
rs146396509	A	-0.1053
rs1328178	T	0.0351
rs139053103	T	-0.1149
rs16856139	T	-0.0591
rs74143000	C	0.1607

rs55649576	C	-0.0515
rs72684042	T	0.1356
rs76113026	T	0.1255
rs979769	G	-0.0328
rs3765840	T	0.0312
rs78521276	A	0.155
rs2797609	G	-0.1227
rs17125714	C	-0.0369
rs56084000	G	0.0374
rs12034484	A	-0.0375
rs41305056	A	0.112
rs2788149	A	-0.0316
rs12734152	T	0.0542
rs141746577	G	-0.1689
rs11583438	G	-0.0302
rs61771865	A	-0.066
rs72719871	A	0.0475
rs7540476	C	0.0254
rs6695522	A	-0.095
rs12745152	A	0.0678
rs12144965	C	0.0338
rs114473248	A	-0.0913
rs115285320	T	-0.204
rs75405637	T	0.0944
rs4908635	G	-0.0272
rs117113278	T	0.0943
rs58689292	A	0.0264
rs10922199	A	0.0307
rs61821021	C	0.0298
rs143651982	T	0.0939
rs652476	T	0.1084
rs3001038	A	0.0243
rs913060	A	0.0264
rs114542357	G	-0.1927
rs59439448	T	-0.0433
rs1045893	T	-0.0276
rs72743311	T	-0.0793
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rs12758386	G	0.0726
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rs11590951	T	-0.0407
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rs57892796	T	-0.031
rs113983996	A	0.0727
rs78444282	T	-0.1634
rs114654729	A	0.1777
rs144802931	T	-0.0417

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rs1009658	C	0.0261
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rs6664672	G	0.0259
rs113361061	T	0.1361
rs1281610	G	0.0255
rs35707164	G	0.0345
rs10910556	A	-0.1226
rs538165	G	0.0415
rs76670392	T	-0.0957
rs2774304	G	-0.034
rs77652010	T	0.1487
rs61821553	T	0.2377
rs115844298	G	0.1175
rs12141078	G	0.1525
rs140175040	G	0.0404
rs319978	T	-0.0365
rs72664104	T	0.0466
rs72757447	T	0.1516
rs16829900	T	0.0899
rs4657276	C	-0.0282
rs148802386	T	-0.1313
rs111772937	G	-0.0539
rs112802765	G	0.0973
rs199687	G	-0.0335
rs11576541	A	-0.0699
rs2273675	C	0.0586
rs1557132	T	0.0257
rs149184991	T	0.1297
rs139063492	G	-0.0912
rs7538034	T	0.0301
rs111247357	C	-0.1436
rs115513320	T	-0.2657
rs16836398	G	-0.1381
rs947485	A	-0.0249
rs6667202	C	0.0248
rs74381158	T	0.1237
rs7556609	C	0.0377
rs74536569	C	0.1497
rs113971942	G	0.073
rs138233143	C	-0.0794
rs41294538	T	0.0946
rs12731144	G	-0.0538
rs1975915	T	0.0292
rs138212289	T	-0.1232

rs113478941	T	-0.0522
rs72643919	A	0.0897
rs7552628	A	0.0567
rs12128603	T	0.0559
rs141886212	G	-0.0858
rs58252767	C	0.1436
rs11583332	C	-0.0373
rs16846260	T	0.0292
rs35287629	C	-0.0396
rs115370145	T	0.0704
rs151323823	C	0.1628
rs2810889	T	0.0492
rs139357158	C	0.1289
rs2999865	A	-0.0286
rs12043848	G	0.0324
rs150908935	C	0.0969
rs75886730	T	0.1553
rs17490891	C	-0.0246
rs9427216	A	-0.0247
rs2185550	C	0.0254
rs78201373	A	-0.1662
rs111684247	T	-0.0687
rs10914935	A	0.0337
rs11102014	T	0.1416
rs305469	G	0.0309
rs161115	A	-0.0242
rs476480	C	0.1345
rs4655355	T	0.0301
rs12139577	C	-0.0453
rs35329445	T	-0.049
rs75864196	C	0.0736
rs10218758	G	-0.0533
rs76511104	T	-0.0496
rs4618985	C	0.0279
rs4920502	G	0.0347
rs79272713	T	0.1777
rs61777685	G	-0.034
rs150096223	A	0.1792
rs115578081	G	0.1183
rs75375876	A	-0.0594
rs2095124	A	-0.0371
rs80082884	T	0.0787
rs72854128	T	-0.1027
rs116019360	G	-0.0679
rs61788265	A	-0.1091
rs2511200	C	0.0298
rs7546487	T	0.0525

rs34242288	T	-0.0247
rs12089924	G	-0.0389
rs6427111	C	-0.038
rs115475209	A	-0.1508
rs6429291	T	0.0305
rs78761638	A	-0.0584
rs17377919	T	-0.1064
rs870031	A	-0.0392
rs75543269	A	0.1549
rs147913285	C	-0.1149
rs1335855	C	0.0377
rs36040885	A	0.0434
rs12022634	A	-0.0405
rs111788017	T	-0.0794
rs72724144	G	0.1593
rs115281275	A	-0.1248
rs114241102	A	-0.0846
rs10920930	G	-0.0291
rs57979130	G	-0.1755
rs12141471	C	-0.0271
rs17162164	T	-0.0881
rs76425763	A	0.0806
rs12755964	G	-0.0259
rs10799611	C	-0.0258
rs4578210	G	-0.0545
rs4845743	T	0.0311
rs115279853	G	-0.0911
rs1800678	C	-0.0297
rs138260138	A	0.0873
rs277452	C	-0.033
rs476463	A	-0.0365
rs78798665	A	0.123
rs676022	T	0.025
rs10926531	C	-0.0366
rs76278891	A	0.0909
rs12144813	G	0.0344
rs75506084	G	0.0862
rs10798640	T	0.0368
rs700027	A	0.0887
rs3795749	C	-0.0397
rs2995552	T	0.028
rs7513063	A	0.0545
rs72747084	C	0.1709
rs12403541	A	-0.0333
rs115895927	C	0.1668
rs144634752	T	0.1472
rs1766167	G	-0.0271

rs17730380	A	0.0262
rs78949315	T	0.1903
rs7512296	T	-0.1112
rs143533936	G	-0.1935
rs6671895	T	-0.0675
rs140596869	T	0.1459
rs17687296	A	0.0471
rs3128449	G	0.0262
rs113352828	T	-0.1388
rs76943157	A	-0.0715
rs4912099	G	-0.0245
rs600746	G	-0.0312
rs10927401	C	-0.0431
rs114100693	A	0.079
rs17299777	G	-0.1009
rs114295237	C	0.1522
rs76963914	A	0.1115
rs74978796	A	0.1785
rs79776698	T	0.0624
rs115230181	G	-0.1922
rs17109690	A	-0.1666
rs77040148	G	-0.1032
rs269101	T	-0.0251
rs71639910	A	-0.0753
rs72747397	T	0.106
rs4845960	A	-0.0253
rs41450047	T	0.0728
rs142192673	A	-0.133
rs61817687	G	0.0385
rs7518712	A	0.0259
rs112114309	A	-0.1434
rs12128186	G	0.1061
rs78044256	A	0.1556
rs10753869	T	0.0275
rs7517633	C	-0.0245
rs7529898	G	0.027
rs17048147	T	0.0303
rs3885191	A	0.0317
rs644959	T	0.032
rs10888896	G	0.0333
rs77881140	C	-0.0734
rs4971020	T	0.0278
rs71636366	T	-0.1113
rs114857251	T	0.095
rs2269237	G	-0.0403
rs114685394	T	0.2037
rs41268472	G	0.0897

rs34813136	T	0.0681
rs72742410	T	0.0686
rs55742398	G	0.1039
rs2806425	T	-0.0261
rs116823490	T	-0.1453
rs7519451	T	0.1166
rs17358800	G	0.0385
rs72704521	A	-0.0548
rs12129380	A	-0.1846
rs115944228	A	0.0693
rs10909987	G	-0.0315
rs61770722	T	-0.0631
rs3013559	G	0.0258
rs11810026	A	-0.0572
rs10492923	G	-0.056
rs77819033	T	-0.0443
rs7543337	C	0.0977
rs566361	A	-0.0496
rs61811580	A	0.0384
rs57667108	G	-0.0306
rs2500236	G	-0.0319
rs12038946	T	0.0755
rs12404063	G	0.0529
rs12121647	C	-0.0538
rs2296711	A	0.0272
rs115461357	C	0.1081
rs16835645	T	-0.054
rs6694848	G	0.0242
rs113096683	T	-0.0445
rs78808250	T	0.1398
rs1392745	G	-0.0693
rs9436132	C	-0.0266
rs12743211	T	-0.0253
rs631171	C	-0.0501
rs141808710	T	0.2417
rs56102775	A	0.09
rs12022192	A	0.0921
rs7537416	C	-0.0483
rs116280106	T	0.1974
rs74327965	A	0.1243
rs116401858	A	0.0996
rs6685044	C	0.0239
rs12758156	G	-0.0284
rs11590017	T	0.115
rs12567244	G	0.0355
rs41301092	C	-0.0979
rs141792999	T	0.1525

rs3138158	T	-0.0564
rs76266717	A	-0.1374
rs760919	A	-0.0344
rs56177125	A	0.0635
rs111228938	T	0.0993
rs4128473	C	0.037
rs12562874	A	0.0812
rs6604579	T	0.0409
rs11587473	G	-0.0475
rs11263934	G	0.0455
rs10890384	T	-0.0363
rs113115082	C	0.0411
rs77649874	G	-0.0785
rs114834322	A	0.1628
rs72641693	G	-0.0481
rs146811622	G	-0.1778
rs12023458	G	-0.0393
rs10157731	A	0.0334
rs61822419	G	-0.0492
rs10493679	A	0.056
rs17111203	G	0.0978
rs9332596	G	-0.026
rs116733183	A	0.1354
rs12564551	T	0.0301
rs10788767	T	0.0551
rs7552333	A	-0.1302
rs1006963	G	-0.0527
rs143091690	G	0.1217
rs1621294	C	-0.0269
rs9887913	C	0.1123
rs4354499	G	0.052
rs72758710	G	-0.0438
rs11586743	A	-0.0263
rs71646952	T	0.143
rs28726372	C	0.0322
rs6703052	T	0.1136
rs76432797	G	-0.1232
rs2642422	T	-0.0262
rs149880668	C	0.1286
rs11581519	C	0.1648
rs115145200	G	0.0956
rs114185676	A	-0.1282
rs72688288	G	-0.0716
rs115644757	G	0.1418
rs74426955	G	0.1224
rs113227645	T	-0.1686
rs790896	A	0.0329

rs72755202	G	0.0624
rs10494139	A	-0.0332
rs113153996	T	-0.1227
rs1245011	C	0.0247
rs10916007	A	0.0287
rs7541903	A	0.0254
rs12407575	T	0.1137
rs6674830	C	-0.0411
rs2126332	G	-0.028
rs114733923	G	0.0371
rs78142934	T	0.0965
rs79533168	A	-0.0825
rs12740807	T	0.0243
rs35559288	A	0.1091
rs3856264	T	0.0297
rs2665488	G	0.0252
rs56050412	C	0.1405
rs1877734	A	-0.0237
rs814886	G	-0.0638
rs76473498	G	-0.0753
rs111321612	C	-0.1539
rs11161471	C	-0.0258
rs115990999	C	0.1458
rs10800802	A	0.0338
rs112365750	A	-0.1461
rs35204761	A	0.0381
rs35076930	T	-0.1199
rs114660104	G	0.1126
rs142955616	T	0.125
rs12071635	C	0.0348
rs1993911	C	0.0259
rs12759641	A	-0.0318
rs12087930	A	-0.0373
rs148169982	G	-0.2085
rs6684412	C	0.03
rs3122720	T	-0.0347
rs707481	C	-0.0558
rs74501224	T	-0.1176
rs4660770	T	0.0253
rs72747358	A	0.1049
rs12036225	T	0.026
rs12143231	A	0.0277
rs75947972	C	0.0672
rs78428228	T	0.0811
rs150252231	T	-0.0962
rs729990	A	-0.0461
rs7553307	G	-0.041

rs2476182	C	0.1097
rs11580915	T	-0.0448
rs6703670	A	0.0754
rs10493082	C	0.0751
rs72919439	T	-0.0555
rs76198434	A	-0.1015
rs76855011	G	0.0761
rs12080565	T	-0.055
rs10732966	T	-0.0377
rs60111082	T	0.0401
rs6660946	G	-0.0287
rs139625781	A	-0.1315
rs17530163	T	0.0663
rs76237720	A	0.1366
rs9661059	C	0.0367
rs1855786	C	0.031
rs17258579	C	0.037
rs2305812	A	0.0913
rs6666086	T	0.0303
rs10921354	T	0.0785
rs78287186	G	0.0735
rs67912614	A	0.0379
rs7544395	A	0.0327
rs77446158	T	-0.0423
rs115046878	G	0.1525
rs7521105	A	0.1086
rs10914988	C	-0.0365
rs706011	T	-0.0748
rs11488001	T	0.0883
rs149555471	C	0.093
rs79536980	T	0.0462
rs150892223	T	-0.1175
rs12405640	G	-0.0682
rs9428022	A	-0.0255
rs116677839	G	0.1527
rs17114640	G	0.0553
rs828475	C	-0.0424
rs143468269	T	-0.2196
rs6661925	A	0.0264
rs17389081	G	-0.0906
rs115474159	A	-0.0899
rs671914	C	0.0244
rs75005855	A	-0.061
rs1036961	G	-0.0265
rs144246837	G	-0.1129
rs114510443	A	0.1091
rs2246472	T	-0.0733

rs4653636	G	-0.0285
rs140527012	A	0.0866
rs148545044	C	-0.1067
rs6690267	A	0.081
rs150900974	C	-0.1376
rs115917161	A	0.112
rs6673311	T	0.0378
rs2776857	T	-0.0691
rs10754855	T	0.0542
rs12070731	C	0.1445
rs9701126	C	-0.0393
rs943519	C	0.0631
rs144330597	T	-0.0774
rs34897048	T	-0.0329
rs12726728	T	0.0242
rs6668800	A	0.0335
rs11587744	C	0.0316
rs2993831	C	0.0257
rs869896	T	-0.0558
rs115263101	A	0.089
rs2296227	T	-0.0263
rs4326672	T	0.0365
rs34890869	A	-0.0694
rs34217665	A	-0.0598
rs10916627	C	0.0318
rs7526731	A	0.0237
rs75676853	C	-0.1241
rs116247097	G	-0.1699
rs61811250	T	-0.1409
rs79082144	A	-0.0681
rs77208086	A	-0.1335
rs291351	C	0.025
rs74079130	T	0.0716
rs12353981	A	0.0615
rs72648416	A	0.1447
rs12085501	C	-0.0387
rs114930372	A	-0.1342
rs17110916	A	0.05
rs10915025	A	-0.0245
rs61565555	C	0.1155
rs76670570	T	-0.0647
rs12033865	G	-0.0301
rs78211640	T	0.1241
rs10305748	T	-0.1221
rs4589116	C	0.0335
rs74769899	A	-0.0644
rs7417232	T	0.0252

rs80228612	T	0.1579
rs141673243	T	0.1569
rs115138788	A	0.1372
rs114340392	A	0.0939
rs78730572	A	0.1002
rs269340	T	0.0283
rs113307684	G	0.0991
rs71635578	C	0.0497
rs76215943	C	-0.1443
rs113231585	C	-0.1495
rs16862099	A	0.0848
rs3813219	C	-0.0321
rs17229354	T	-0.1378
rs79517478	T	0.0626
rs146364775	C	0.0479
rs6674415	G	0.0338
rs4920565	G	-0.038
rs3738008	A	-0.0473
rs11120344	G	0.0615
rs3923451	C	0.025
rs116261643	A	-0.1279
rs116831740	T	-0.2131
rs12760914	A	0.0773
rs11587290	T	0.0819
rs12042287	C	-0.031
rs348332	A	0.0344
rs79961898	G	-0.0632
rs849481	A	0.0248
rs2490424	C	0.0537
rs2143810	C	0.0237
rs1334125	T	-0.0247
rs61825201	C	0.1769
rs4658714	G	-0.0347
rs147699938	G	0.1061
rs12137034	A	-0.0261
rs78932934	T	0.0755
rs9425324	G	-0.0268
rs823140	A	-0.0555
rs12071761	A	-0.0381
rs55824232	C	0.1396
rs78539971	C	-0.2105
rs61770275	T	0.0893
rs1491646	T	-0.0239
rs114888965	A	0.103
rs35268016	T	0.0273
rs149266061	T	-0.0781
rs3010318	T	0.0337

rs41289388	G	-0.1001
rs12039035	A	-0.0314
rs11163743	G	-0.0439
rs151008748	C	-0.1269
rs10047115	A	-0.0887
rs61806193	G	-0.0424
rs857633	T	-0.0242
rs12089782	T	-0.0915
rs1059038	G	0.1326
rs72693304	A	0.1066
rs72703292	A	-0.1466
rs116602821	A	0.0417
rs12058564	A	0.0296
rs200567	A	0.0247
rs12130420	A	-0.0352
rs75906549	A	-0.0482
rs10429916	A	0.0375
rs7520257	C	0.0297
rs10802551	A	0.0257
rs2342272	T	-0.0249
rs61837556	T	-0.0737
rs72643281	A	-0.1023
rs7545004	G	0.05
rs72901622	G	0.0875
rs12754071	G	-0.1064
rs4658163	C	0.0268
rs494740	C	0.0256
rs11577201	A	0.0332
rs56340142	G	0.0409
rs6679318	C	0.0536
rs6663181	T	-0.03
rs2486316	T	0.0393
rs6687799	G	0.0274
rs76232146	A	-0.0807
rs77566028	C	-0.0884
rs74119479	T	0.1447
rs12735458	G	0.1605
rs35923717	T	0.026
rs4846346	C	-0.0294
rs2977608	A	-0.0394
rs61800719	G	0.1369
rs113203823	T	0.1957
rs16842847	G	0.0544
rs146744082	G	-0.1132
rs76448722	T	0.148
rs75485604	T	0.1152
rs1677603	G	0.0943

rs140229723	A	0.0755
rs6424237	T	-0.0304
rs77907715	T	0.0756
rs17184651	C	-0.0274
rs4926774	G	-0.0683
rs6696715	C	-0.0311
rs12079690	C	-0.0395
rs139326853	A	-0.1245
rs61737591	A	0.1451
rs4927191	C	-0.0528
rs2129577	C	0.0247
rs7540551	G	-0.0254
rs10920316	G	0.0611
rs11119529	A	-0.0234
rs12723846	A	0.0423
rs138707712	C	0.1591
rs56252451	A	-0.077
rs74433755	A	0.1266
rs10924239	A	-0.0513
rs75042787	G	0.0651
rs149083666	A	0.1088
rs638372	G	0.0422
rs1110218	C	0.0462
rs61819230	T	0.0473
rs649328	C	0.0303
rs114621734	T	0.0687
rs7413584	A	0.1262
rs144945296	A	-0.1654
rs11804412	A	-0.0459
rs4656647	A	0.0357
rs77236723	T	0.0624
rs4147220	T	0.073
rs2786106	T	-0.0324
rs115424752	T	0.1554
rs4653953	G	-0.1074
rs315034	G	-0.0412
rs1038148	G	0.0248
rs77599553	A	-0.098
rs115004666	C	0.1147
rs7534703	T	-0.0833
rs116276261	G	0.1127
rs12122479	T	-0.072
rs2815843	C	-0.0258
rs72680526	C	-0.0623
rs141797380	A	-0.1461
rs72936853	G	-0.0651
rs2311321	C	-0.054

rs149606987	T	-0.179
rs1936709	G	-0.0338
rs11587457	C	0.0309
rs7548060	C	-0.0284
rs61782495	A	-0.033
rs12095538	G	-0.0241
rs143707535	A	-0.1584
rs4653596	G	0.0312
rs2076465	T	-0.0321
rs11587727	C	0.0285
rs12045690	G	0.0255
rs12406805	A	0.0406
rs114117408	C	0.0692
rs639599	T	-0.0244
rs7524397	T	0.0248
rs6672322	T	0.0247
rs704853	T	-0.0395
rs77675151	T	-0.0538
rs114704918	G	-0.0604
rs17277288	C	0.1387
rs75779487	G	0.1351
rs6605004	G	-0.0334
rs12042842	G	0.026
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rs1361676	T	-0.0359
rs35749800	G	-0.0387
rs75804142	C	-0.0854
rs141947909	T	-0.1534
rs61776347	T	0.0248
rs141067037	C	0.1273
rs4656146	A	0.0247
rs1230679	A	-0.0483
rs7548323	A	0.0327
rs4393161	C	0.0267
rs61820387	A	-0.1417
rs12045726	T	-0.0331
rs10737901	G	-0.0259
rs1291052	A	0.048
rs197612	T	0.0479
rs625167	C	-0.0257
rs77285433	T	-0.1101
rs4614300	T	0.0372
rs71510742	A	0.0815
rs7551463	C	0.0289
rs3828058	A	0.0272
rs11577435	C	0.1395

rs10913486	G	-0.0257
rs10925745	T	-0.0246
rs1193159	T	-0.0417
rs667444	C	0.0258
rs2486014	C	0.039
rs72678817	A	-0.0944
rs61742849	A	-0.1098
rs4631645	A	0.0505
rs1234264	T	0.0803
rs61833555	T	-0.0401
rs10802555	C	-0.0414
rs10802677	G	-0.0367
rs75159520	A	-0.1637
rs16860525	C	0.0356
rs55818039	T	-0.0995
rs79608612	A	0.0731
rs16851659	G	-0.0235
rs11809000	C	0.0777
rs142570762	A	-0.1493
rs4846996	C	0.1175
rs10746510	T	0.0518
rs7417418	T	-0.0494
rs6666337	A	-0.049
rs74403973	C	0.1472
rs144879671	G	0.1105
rs1000452	C	-0.0278
rs55993474	T	0.0816
rs71652655	A	0.0895
rs55828205	A	0.0552
rs77499776	C	-0.0564
rs77427725	G	0.1287
rs146864617	A	-0.2186
rs12757141	T	0.048
rs76754594	A	-0.1332
rs9287256	C	-0.0244
rs4623666	G	0.0248
rs9425054	G	-0.0324
rs2221659	G	0.0459
rs12129479	C	0.0367
rs80133103	G	0.1872
rs28584674	C	0.049
rs559344	C	0.0379
rs141390900	T	-0.139
rs1566250	T	-0.0263
rs61785488	G	0.0412
rs2993034	A	-0.0423
rs57005086	G	0.0577

rs144801526	A	0.1489
rs113629806	T	0.1075
rs76727439	T	0.1075
rs143166259	C	0.099
rs59987487	A	0.0585
rs752130	C	-0.0263
rs148280595	A	-0.0799
rs35838799	A	-0.0908
rs114167277	G	-0.0343
rs2419374	T	-0.0308
rs7529167	T	0.0456
rs12564411	G	-0.0523
rs111344771	A	0.0838
rs34436704	A	0.0643
rs78729372	A	0.1118
rs115296365	T	0.1331
rs75274294	G	-0.0879
rs11208193	G	0.0371
rs17378539	C	0.0362
rs75973841	A	0.063
rs2661322	G	0.024
rs151205994	C	-0.1154
rs12403557	G	0.0314
rs17102247	C	-0.0661
rs299859	C	-0.0309
rs114877165	A	-0.0603
rs11585549	A	-0.0791
rs115440456	C	-0.0624
rs877722	T	0.04
rs2889408	T	-0.0332
rs116668546	A	-0.1469
rs12756659	G	0.0463
rs113843548	C	0.1101
rs138466093	A	0.1321
rs2487647	A	0.0258
rs114005488	A	-0.1069
rs115269444	A	0.0733
rs12563141	C	0.0574
rs380095	G	0.0659
rs7536351	A	0.0371
rs4609432	C	-0.0308
rs139348353	T	-0.1401
rs12125300	T	0.0242
rs6673454	A	0.0758
rs7532660	A	-0.0252
rs114859124	T	0.1083
rs58645363	T	0.0579

rs12117937	G	0.0235
rs115926019	C	0.2009
rs148042477	A	-0.0794
rs74908049	C	0.0425
rs12039350	G	0.0268
rs76694292	A	0.1174
rs4295913	G	-0.0302
rs61785082	A	-0.077
rs113394501	T	0.115
rs77421743	A	-0.1008
rs11585217	T	-0.0261
rs76812037	T	0.1174
rs3753206	G	-0.0366
rs78006982	T	-0.0572
rs12743643	A	-0.0348
rs11102946	A	-0.0275
rs74434569	C	0.0847
rs78087596	A	-0.0582
rs58651777	C	0.0314
rs11206801	A	0.0377
rs1875436	G	0.0244
rs17474256	G	-0.045
rs204262	A	-0.0271
rs140382126	A	-0.0784
rs75321251	A	0.0779
rs141218161	G	0.2012
rs10913090	G	0.0234
rs12141884	C	0.0271
rs552749	T	0.028
rs111779963	C	-0.0866
rs10779475	G	0.0253
rs140687561	C	0.1091
rs78831112	T	0.183
rs17527562	G	0.1185
rs72756819	C	0.0331
rs1324663	T	-0.063
rs9787004	C	0.0384
rs197427	C	0.0242
rs11578030	T	0.0635
rs79756905	T	0.157
rs10924277	G	0.0907
rs6664314	C	0.0294
rs12066036	A	-0.0717
rs11205087	C	0.0245
rs149905768	A	-0.05
rs148224929	G	-0.1135
rs114517646	A	-0.1591

rs73005335	T	0.0594
rs3766354	A	0.0423
rs11260939	G	0.0256
rs115958595	C	0.0815
rs139864138	A	0.1681
rs11162344	T	0.0286
rs66477359	C	0.0811
rs114277321	A	0.1038
rs17627111	G	0.0234
rs433546	A	-0.0452
rs112710870	T	-0.1396
rs2494474	G	0.21
rs12118240	G	0.0233
rs80049867	A	-0.1456
rs3117061	T	0.0426
rs116631913	A	0.0847
rs12034687	C	0.0361
rs10915944	G	0.1065
rs3129539	G	-0.0439
rs17432121	A	-0.0306
rs74069187	G	0.0562
rs669402	A	0.0253
rs606604	A	0.03
rs2297764	A	0.0524
rs17130006	G	-0.0278
rs17495607	C	0.0602
rs72632126	T	-0.0739
rs6668976	A	0.0388
rs142134884	T	-0.134
rs9332608	A	0.0689
rs12133146	A	0.1527
rs41306227	T	-0.0534
rs2256060	C	-0.0332
rs77406825	T	-0.0678
rs17490953	G	-0.0256
rs75654098	A	-0.1866
rs10494762	C	-0.0294
rs75609696	A	0.0599
rs3896118	C	-0.1144
rs12407424	G	-0.1602
rs111776850	T	-0.0912
rs10489583	C	-0.0232
rs11572818	C	0.068
rs4462110	G	0.0411
rs4450012	T	-0.0467
rs1767523	G	-0.0237
rs116761983	A	0.1147

rs2644604	A	-0.0466
rs114711590	G	-0.1807
rs74135300	G	-0.1096
rs17497051	T	-0.0767
rs76144453	T	-0.0841
rs12354316	A	-0.1547
rs12118587	A	0.0693
rs11588513	C	-0.0505
rs7516862	G	0.0376
rs116729050	A	0.1074
rs17361747	T	-0.0257
rs76633111	T	-0.1586
rs115481123	C	0.0997
rs12040993	A	-0.1601
rs2800221	T	0.0253
rs72668117	A	0.1536
rs35680413	T	0.0791
rs2181453	T	-0.0261
rs61831012	G	0.0557
rs140523879	G	0.148
rs113559963	T	0.1414
rs145528960	A	0.0594
rs3810993	G	0.0255
rs72653672	G	-0.1166
rs112479902	A	0.0618
rs12723774	G	-0.0357
rs77793038	A	0.0793
rs1007097	A	-0.0284
rs41305850	C	0.1617
rs6425207	G	0.029
rs61832628	G	-0.139
rs11807554	C	0.0254
rs10916254	G	-0.0456
rs72753753	A	-0.0708
rs80296059	T	-0.0822
rs2026448	T	-0.0272
rs78892170	A	-0.2091
rs111689685	A	0.0388
rs41277198	C	-0.0682
rs7545182	C	0.0296
rs7519544	G	0.0257
rs1886647	A	-0.0273
rs6339	T	-0.0649
rs4950925	T	-0.0239
rs12724703	C	-0.0666
rs1578383	T	-0.0512
rs12724751	T	-0.0241

rs56386473	A	-0.0355
rs2114213	A	0.0265
rs12129187	G	-0.077
rs148371276	T	-0.0939
rs6427848	G	-0.0243
rs1120120	C	0.0374
rs138242807	A	0.0991
rs9727168	A	-0.0663
rs11809462	T	-0.1062
rs12040151	T	0.026
rs72957000	A	-0.0742
rs45523333	T	-0.0844
rs148297540	G	-0.132
rs11555655	T	0.0758
rs7546180	T	0.0944
rs12410207	G	-0.0239
rs77824836	A	0.1285
rs76817004	G	-0.1237
rs4658331	C	-0.032
rs629834	A	0.1483
rs6673728	A	0.028
rs115488207	A	0.0813
rs78851326	A	-0.0868
rs1112300	T	-0.0245
rs139858738	T	-0.1385
rs138878872	A	0.1757
rs112108624	A	0.1261
rs12088062	T	-0.0447
rs34809534	A	0.0868
rs61767483	G	-0.2013
rs80066669	C	-0.1523
rs80047387	T	-0.1452
rs73039770	C	0.0881
rs114049126	A	-0.0869
rs80294996	A	0.1243
rs12084848	C	-0.1216
rs726558	G	-0.0264
rs10047088	T	0.0582
rs514230	A	-0.0233
rs6429127	G	0.174
rs4659976	A	-0.0258
rs10889020	A	-0.0255
rs80300963	A	0.1182
rs115965202	C	0.1233
rs80253968	C	-0.1165
rs78799355	T	-0.0478
rs35104010	G	-0.0379

rs7537542	A	0.0551
rs10863776	A	-0.0243
rs2477730	C	0.1831
rs12086013	A	0.0287
rs17300009	T	-0.0779
rs6703518	T	0.0232
rs74970102	G	-0.0806
rs191827	C	0.0244
rs12035349	G	0.039
rs6668126	T	-0.0335
rs116793391	G	-0.0553
rs11580672	C	-0.0328
rs146281617	A	-0.1123
rs72667801	A	-0.0916
rs9435207	T	0.0286
rs12410196	C	0.0279
rs4634948	T	-0.032
rs78224145	T	-0.0386
rs12117176	A	0.0755
rs11584807	T	0.0317
rs11162148	C	0.0315
rs79003147	C	-0.0719
rs12074980	C	-0.1489
rs149377309	G	-0.1688
rs11121618	A	0.0787
rs116245795	C	-0.1116
rs1546806	T	0.1469
rs12738128	C	0.0581
rs7544832	A	-0.0368
rs4149226	T	0.0245
rs74751670	A	0.0825
rs67081753	T	0.0343
rs78619906	T	-0.0462
rs2710888	T	-0.0439
rs72722401	C	0.1704
rs12083549	G	0.0862
rs7536785	C	0.0271
rs12724029	C	-0.0337
rs1144346	A	-0.0234
rs145617933	T	0.1695
rs78296008	C	0.0899
rs10799455	T	0.0274
rs78525294	G	0.1351
rs7553424	C	0.0291
rs75889822	A	0.1958
rs787500	T	0.0294
rs114860958	T	0.1596

rs1327449	G	-0.0291
rs79194111	T	0.0667
rs112397729	A	0.0677
rs113645840	A	0.1621
rs2026895	G	0.0303
rs114797857	A	-0.1348
rs12024567	T	0.0441
rs61782447	A	-0.0699
rs76890251	G	-0.1068
rs34898811	G	0.1391
rs72747123	T	0.1393
rs7521074	C	-0.0328
rs16830430	T	0.1217
rs631704	A	-0.0292
rs79600737	C	0.046
rs35744706	T	0.1136
rs699770	G	-0.0245
rs17515629	C	0.1132
rs1952315	T	0.0383
rs4475717	T	-0.037
rs12078703	C	0.1291
rs72723566	A	0.0577
rs142962760	A	-0.0996
rs17447183	A	0.0844
rs9435534	A	-0.1453
rs41270817	A	-0.1206
rs55951813	A	-0.0817
rs76302130	T	0.1651
rs12029531	T	-0.024
rs138734858	G	0.1365
rs17493453	T	0.0487
rs115820989	G	-0.0609
rs35807758	G	-0.0505
rs115707748	A	-0.1136
rs139541693	T	0.1188
rs9726412	T	-0.0341
rs1737388	A	0.1159
rs77273543	G	-0.1005
rs3849174	G	-0.0277
rs17523079	A	0.0985
rs9662290	C	-0.0316
rs116776590	C	-0.1743
rs7523792	A	0.0279
rs61798859	C	-0.0571
rs35578526	T	0.0781
rs17461252	A	-0.1133
rs115882141	A	-0.0849

rs1071171	G	0.0281
rs10753237	A	-0.0342
rs6673922	T	0.0575
rs150297287	A	0.1075
rs61829561	G	-0.0864
rs74461411	T	0.1237
rs12739268	C	-0.0368
rs11584933	A	-0.0535
rs1004772	T	-0.032
rs7511675	C	-0.031
rs884940	T	-0.0254
rs113478642	C	-0.1024
rs78470177	C	0.1843
rs34150900	A	-0.1323
rs114800513	T	0.1324
rs148503112	G	0.1244
rs10916436	G	-0.0279
rs80137753	A	-0.1466
rs77386332	A	0.0841
rs1578049	T	-0.0282
rs2841408	C	0.0243
rs4653437	G	-0.0247
rs1880418	T	-0.0236
rs17366894	G	-0.1335
rs11807775	G	-0.048
rs61772086	A	-0.0429
rs115155267	T	-0.0991
rs11210780	G	0.026
rs11587523	A	0.0651
rs75117939	A	0.173
rs619334	A	0.0839
rs12091356	C	0.0352
rs1194587	T	-0.0235
rs6604639	T	-0.0392
rs76768009	A	0.0593
rs6686482	C	0.0644
rs11206315	A	-0.0355
rs34970857	T	0.052
rs4915346	G	-0.0372
rs6688816	T	0.0443
rs146880018	C	0.1265
rs78192166	T	-0.0898
rs5001858	G	0.0597
rs113269159	G	0.1208
rs56383979	A	-0.1198
rs1934074	T	-0.0255
rs12408967	T	0.0914

rs56176872	A	-0.058
rs72755131	G	0.0749
rs139012785	T	0.1328
rs11210529	C	-0.0291
rs13374849	T	-0.1009
rs146278366	T	-0.1388
rs76257064	A	0.1067
rs3790725	T	0.0243
rs7511743	A	-0.1004
rs509161	G	-0.0507
rs72671260	C	0.0807
rs61769571	C	-0.0981
rs11804324	T	0.0289
rs71666794	T	-0.0479
rs72702998	G	0.0449
rs10920447	C	-0.0334
rs77493087	A	-0.0858
rs10916711	G	0.0277
rs16828576	T	-0.1527
rs12562100	G	0.0486
rs77011850	A	0.1083
rs11488272	C	0.037
rs139140696	T	0.1332
rs11585465	T	0.1015
rs141883790	G	-0.1916
rs1229391	T	-0.1235
rs6691910	A	0.0304
rs17487717	C	-0.029
rs116308950	A	0.0852
rs6676000	T	0.0275
rs147759805	C	0.1685
rs689013	T	-0.0274
rs10920080	C	0.0284
rs638005	C	-0.0538
rs7528008	T	-0.0335
rs3934748	T	0.1168
rs1004626	C	-0.0239
rs77524435	G	0.0904
rs59262563	A	-0.0769
rs11802275	T	-0.0359
rs73121444	T	0.0641
rs7517723	A	-0.0435
rs1937034	G	0.0251
rs58318880	T	0.1187
rs11577174	T	-0.1351
rs6674245	G	0.0279
rs2236799	T	-0.0321

rs240104	T	0.0279
rs7513425	T	0.1339
rs12135835	A	0.0549
rs9429894	C	0.0351
rs532495	A	0.0239
rs594360	T	0.03
rs78615410	T	-0.1195
rs61781213	T	-0.1084
rs12022030	A	0.0458
rs535714	T	0.0627
rs16838537	C	0.0453
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rs142177373	T	-0.0442
rs115482605	G	-0.1462
rs7365712	G	-0.0879
rs12754064	C	-0.0283
rs17887218	T	0.0512
rs7519191	C	0.0331
rs12022529	T	-0.0286
rs149102698	T	-0.1878
rs116672312	G	-0.1027
rs76646290	T	-0.1509
rs112936226	A	-0.0981
rs140520608	A	0.0789
rs2073017	T	0.032
rs17019258	T	0.0938
rs61823480	G	-0.0347
rs146048671	A	0.1402
rs116737013	T	0.0571
rs12125350	C	-0.0711
rs11578557	A	0.0927
rs61773639	T	-0.1443
rs61781981	A	-0.0524
rs148110397	T	-0.1579
rs61828389	A	0.0934
rs12040406	C	-0.0538
rs3766491	T	0.0751
rs2495272	A	-0.0347
rs75268928	T	-0.1554
rs11185121	G	-0.0264
rs7519328	A	0.0282
rs2926012	G	0.0361
rs28405710	A	0.0366
rs11805272	G	0.0374
rs75735499	C	0.0921
rs34954621	C	0.152
rs139547894	A	-0.1354

rs7524493	C	-0.1088
rs17460032	C	-0.0447
rs115458552	C	0.1389
rs75594643	C	0.1107
rs9658881	T	-0.0377
rs115789162	C	0.0823
rs4949550	T	0.0286
rs149048891	C	0.1549
rs72708629	G	-0.0932
rs78813168	T	-0.1305
rs77510655	C	0.0686
rs77721519	A	-0.101
rs619282	T	-0.043
rs111800065	A	0.0732
rs12118633	T	0.1024
rs59862786	C	-0.0602
rs320403	A	-0.0252
rs72760372	T	-0.1315
rs114764137	A	-0.0388
rs149872403	C	-0.1147
rs114651083	A	0.1858
rs75385494	G	0.0624
rs114767332	A	-0.0923
rs112320824	C	0.1445
rs16837415	G	0.0615
rs111229553	C	0.114
rs35267708	T	0.0942
rs6588552	T	0.1179
rs72705100	A	0.0376
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rs4970364	C	-0.0335
rs9438732	T	-0.1092
rs158760	T	0.0239
rs78991805	A	-0.1407
rs61803869	G	-0.0516
rs11810933	C	0.0382
rs114490070	A	0.0837
rs2367160	A	-0.0271
rs6704282	C	-0.0531
rs138287574	G	-0.1227
rs11584076	T	-0.1074
rs115328987	A	-0.0469
rs610719	T	-0.0315
rs55868004	C	0.0789
rs12405574	T	0.0236
rs74600394	A	-0.1033
rs12567481	A	-0.0518

rs79393389	C	0.0672
rs11121676	T	0.0308
rs11811702	G	-0.0258
rs12130909	C	-0.032
rs114129276	A	0.1434
rs72747897	T	0.1539
rs12734533	G	0.0598
rs10127637	G	0.0562
rs7529058	G	-0.0291
rs72636164	C	-0.1013
rs71641333	A	0.0728
rs34343838	A	0.0456
rs113860383	C	0.0807
rs6681347	C	-0.0258
rs472093	A	0.0307
rs9437136	T	-0.0324
rs11584581	A	-0.0302
rs164421	A	0.0403
rs12141826	C	-0.0335
rs115822521	A	-0.1118
rs72644442	T	0.0575
rs77786808	A	-0.1551
rs140086081	T	-0.1114
rs10919963	T	-0.0236
rs2038008	C	0.0285
rs74521700	C	-0.1595
rs116092581	A	-0.1757
rs12022530	C	0.0235
rs79879344	G	0.0997
rs80283959	C	-0.1025
rs388820	T	0.036
rs61782711	G	0.0897
rs12743572	T	0.1249
rs146150136	G	-0.1522
rs76685943	G	0.1417
rs73002713	A	-0.1331
rs78014729	A	0.1421
rs73081992	T	0.0414
rs11807360	T	-0.0558
rs7531404	C	0.0268
rs140465834	T	-0.1451
rs113679399	G	0.1049
rs6699916	A	0.0258
rs7517913	T	-0.03
rs10754185	A	-0.1434
rs114209595	C	-0.0998
rs7543472	C	0.0333

rs7546867	A	0.0418
rs2505718	C	0.0238
rs11102525	A	-0.0238
rs75593610	C	0.0965
rs112233035	G	-0.1745
rs7354951	G	-0.0366
rs72631714	T	0.0317
rs4100072	T	0.0283
rs56001365	T	0.1041
rs10495024	C	0.026
rs61826712	T	-0.1065
rs10449705	C	-0.1564
rs115924474	T	-0.1484
rs41264568	G	-0.0798
rs60777787	G	0.0659
rs1769316	A	-0.0232
rs74087039	A	-0.1022
rs56037862	T	0.0351
rs10494305	T	-0.0444
rs75030460	G	-0.1206
rs72707738	A	-0.1225
rs4656717	A	-0.1384
rs141467530	T	-0.1101
rs79374744	C	0.1064
rs149083727	T	-0.121
rs78442356	A	-0.1085
rs114425842	T	0.0827
rs1361312	A	-0.0342
rs12072527	G	-0.0295
rs1999186	G	-0.0483
rs6604064	C	0.0227
rs116478383	A	0.1391
rs114623860	T	0.1082
rs542405	A	0.0519
rs4657357	T	0.0288
rs6703000	A	0.0875
rs4146634	T	0.0231
rs491334	C	-0.0242
rs79722995	G	-0.0601
rs111867258	T	0.1097
rs114871994	T	0.1757
rs61801406	A	-0.08
rs148732491	T	-0.0657
rs116365606	T	-0.1409
rs112700903	G	0.1355
rs142066354	T	0.0823
rs12756211	G	0.0265

rs73072180	A	0.0496
rs80018811	C	-0.0519
rs931449	A	0.0352
rs12126476	T	0.0337
rs1524002	A	0.0359
rs12038533	A	0.0396
rs75070067	T	0.1269
rs10495381	T	0.1101
rs4927316	G	0.0304
rs12723684	C	-0.0425
rs12135733	C	0.0592
rs868585	C	-0.0262
rs12734726	T	-0.0443
rs12045153	T	-0.1003
rs4657650	A	0.0882
rs12734872	A	0.0357
rs35461947	T	0.0239
rs12031819	G	0.0689
rs72475090	T	-0.1068
rs7530465	A	0.0413
rs115270369	A	0.077
rs187922	A	0.0527
rs2491602	C	-0.0242
rs61770103	C	-0.1053
rs59396093	T	-0.049
rs12058218	A	0.1142
rs3845419	C	0.0294
rs2745486	G	-0.0272
rs855311	G	-0.0312
rs111667858	A	-0.1211
rs150754084	T	0.0671
rs71645447	T	-0.0434
rs144702192	A	-0.1468
rs16856987	A	0.0368
rs74966382	G	-0.0457
rs2226738	C	0.0388
rs61824906	G	0.0661
rs2636255	G	-0.0229
rs144071116	T	0.1502
rs3863849	G	-0.047
rs72683572	A	-0.0848
rs499345	A	0.0242
rs61825134	T	0.1562
rs10465704	T	0.1253
rs1027598	C	-0.0369
rs79518053	C	0.1512
rs7537472	T	0.0266

rs80141951	A	0.0468
rs72670306	C	0.0579
rs1341149	A	0.0261
rs12130690	C	0.0933
rs12739816	T	-0.1395
rs77545679	T	0.0763
rs1610410	C	-0.0277
rs1327611	C	0.0271
rs143355286	A	-0.1967
rs113237675	A	0.1001
rs112689575	A	-0.1315
rs72744696	T	0.0924
rs4846755	C	0.0438
rs72665501	C	0.0355
rs56376223	C	0.1293
rs72734018	C	-0.0986
rs143618505	C	0.1014
rs141992885	C	0.1008
rs115289688	T	0.1358
rs12730697	G	0.0244
rs76116808	A	-0.0697
rs17849501	T	0.0904
rs142276163	C	-0.038
rs17378041	G	0.078
rs112141719	T	-0.144
rs6660888	C	0.0409
rs11580121	G	0.031
rs6676404	G	-0.0292
rs1999527	A	-0.0249
rs4512698	A	-0.0363
rs61777376	A	-0.037
rs114098943	A	0.1043
rs688498	A	0.0268
rs149621902	A	-0.0952
rs12074960	T	0.1022
rs10735502	A	0.0324
rs16836703	G	-0.0344
rs1307985	G	0.0239
rs11121293	C	-0.0509
rs139714838	G	0.0809
rs41272467	A	-0.0914
rs1218598	G	0.0282
rs74158952	C	0.045
rs116497241	T	0.1823
rs61829070	A	0.0554
rs11585353	C	0.1251
rs2746472	T	0.1627

rs2151846	G	0.0239
rs2492631	A	-0.0379
rs3753559	T	-0.0249
rs143302590	C	-0.0943
rs11568054	A	0.0648
rs72633064	G	0.2166
rs13376554	A	0.0788
rs114413838	C	-0.2005
rs1229359	T	0.0361
rs74848658	C	-0.1319
rs12137966	C	0.1674
rs61802920	C	0.054
rs10923182	T	-0.0273
rs4265493	T	0.0246
rs12407936	C	-0.1002
rs10864528	G	0.0279
rs12145291	C	-0.0491
rs2984590	A	-0.0239
rs12758027	C	0.0237
rs139029704	G	-0.131
rs3122591	C	-0.0248
rs12122170	G	0.0526
rs114079829	T	-0.2154
rs7540109	C	0.0641
rs151111900	G	0.0316
rs11209388	A	-0.0228
rs34817060	C	0.0278
rs2654854	A	-0.0307
rs4970484	A	-0.0434
rs12403951	G	-0.0248
rs115153075	T	-0.0962
rs76281252	T	-0.0972
rs6659580	T	0.0231
rs143786694	G	0.093
rs11209665	T	-0.0237
rs17344586	A	0.0665
rs140907295	G	-0.165
rs6588399	G	-0.0388
rs17389226	C	0.0792
rs75087057	A	-0.0717
rs77520732	C	0.0874
rs79387949	C	0.1613
rs116714246	G	-0.1019
rs1182589	A	-0.0247
rs17659359	C	0.03
rs114126645	A	0.1498
rs12117676	A	0.074

rs1878074	G	-0.033
rs78061576	C	-0.173
rs116379434	T	0.0799
rs7554453	T	0.0373
rs74837934	C	-0.037
rs114963479	G	0.2022
rs926628	C	0.0281
rs35270729	A	-0.0335
rs148505257	C	0.108
rs116069066	A	0.0935
rs112866845	A	0.1063
rs28768459	C	-0.0405
rs142745042	C	0.1236
rs78744949	T	0.1241
rs3219492	T	-0.044
rs960722	T	-0.0249
rs12566049	A	-0.0225
rs113066240	T	0.1643
rs76501670	T	0.1105
rs12408193	A	0.0244
rs142872320	G	-0.1405
rs1539098	A	-0.0237
rs76512233	C	0.1305
rs2629810	G	-0.0294
rs114923254	G	-0.1824
rs1810467	G	-0.0222
rs2809287	C	-0.0458
rs9431706	A	0.0229
rs7553232	A	0.0678
rs113578258	C	0.0992
rs12744921	A	0.0275
rs77651116	G	0.0404
rs34877649	T	0.2114
rs114328185	A	-0.1327
rs10802580	A	0.0285
rs12068103	T	-0.0645
rs4951059	T	-0.088
rs79057007	A	-0.0736
rs259574	A	0.0223
rs11207234	C	0.0248
rs2813950	G	-0.0227
rs10802925	T	-0.0395
rs12240201	G	0.0835
rs77986900	T	0.034
rs4915941	G	0.0295
rs115630264	T	-0.1446
rs77306488	A	-0.0472

rs35058288	C	-0.1538
rs9663078	A	0.0256
rs872730	T	0.0333
rs150332254	A	-0.1034
rs116132935	G	0.149
rs6424981	A	0.1452
rs1287948	G	0.0472
rs10915314	C	0.0241
rs139286514	A	-0.112
rs111536323	G	0.0954
rs1415792	T	-0.0295
rs72693599	C	0.0816
rs7529294	C	0.0232
rs115554526	T	0.1074
rs72720762	A	0.0561
rs4304538	A	0.0317
rs10927765	C	0.0261
rs115560464	T	0.1888
rs1857968	A	0.0272
rs74419517	T	0.1141
rs4915046	A	0.0837
rs77199539	T	0.1031
rs1554669	G	-0.0456
rs140372175	C	0.1078
rs112672852	T	0.118
rs1933064	A	-0.0273
rs79213421	C	0.0867
rs76707624	T	0.0835
rs12565080	T	0.0689
rs78296988	A	-0.0319
rs75780493	C	0.0908
rs61800494	A	0.0878
rs114468433	A	0.195
rs12033929	T	-0.0338
rs112259894	A	-0.1064
rs138715504	C	-0.1073
rs61818850	T	-0.0962
rs2366257	G	0.0227
rs2455665	A	-0.1297
rs7522173	A	-0.1
rs116138661	C	-0.1605
rs114979698	C	-0.1221
rs2590697	T	0.1087
rs12036734	C	0.0331
rs56008308	C	0.0348
rs77286206	A	0.1131
rs149068751	T	0.0803

rs4926616	T	-0.0256
rs78019629	G	-0.0976
rs76780527	A	0.1145
rs78301510	G	0.0774
rs75801849	T	-0.1277
rs11122588	G	0.0336
rs10910380	T	0.0258
rs111664462	T	0.1096
rs61759293	A	-0.0501
rs11579412	G	-0.0386
rs112509681	T	-0.1118
rs16859250	T	0.0294
rs12755775	A	-0.0399
rs36185275	C	-0.0512
rs1359414	G	-0.0253
rs114673401	A	0.1734
rs75015634	C	0.0321
rs6662813	G	-0.0257
rs11209155	A	0.0247
rs147746462	T	-0.1132
rs142001774	A	0.0882
rs116435157	T	0.1011
rs115440384	T	0.0877
rs115761111	T	0.0718
rs74835610	G	0.1035
rs115648562	T	0.1126
rs115940546	A	0.1338
rs7546766	C	0.1691
rs12562383	T	0.0226
rs1311451	A	-0.0363
rs72720707	A	0.0507
rs17645018	G	-0.0673
rs10910660	C	0.0263
rs7529286	A	-0.0377
rs2807361	C	0.0229
rs12048411	C	-0.0279
rs35665433	G	0.056
rs34407103	A	0.0579
rs12075706	C	-0.0595
rs113564317	A	0.187
rs76729621	G	-0.0564
rs76874828	C	-0.1444
rs78980876	T	0.0347
rs115833398	C	-0.1138
rs114115736	A	-0.159
rs72637248	T	0.0254
rs150563707	C	0.1342

rs4846807	C	0.0223
rs756245	T	-0.0222
rs113332300	A	0.1423
rs11261048	C	0.1016
rs114425589	T	0.0961
rs114804787	C	0.1115
rs2134941	C	-0.0338
rs72751115	T	-0.0392
rs1361332	A	-0.0305
rs1158050	C	0.0304
rs112793256	T	0.0481
rs7527826	A	-0.0365
rs12075120	A	-0.0284
rs143383674	T	-0.1026
rs151334674	T	0.1637
rs74750613	A	0.0445
rs72747007	T	-0.1499
rs869254	C	0.1082
rs115979627	C	0.096
rs4073922	A	0.0722
rs11211020	T	-0.0239
rs426651	A	-0.0313
rs139640535	G	-0.0841
rs114887247	C	-0.0711
rs61803494	T	-0.0617
rs12734657	G	-0.0426
rs17641575	T	-0.0443
rs4660241	A	-0.034
rs60341734	G	-0.0764
rs114191443	A	0.1113
rs7364854	A	-0.1845
rs545475	T	0.0299
rs61826753	A	0.0307
rs116706671	C	-0.0798
rs115659189	G	-0.0924
rs12730652	C	0.0503
rs73008272	T	0.0983
rs2803461	A	-0.0247
rs12748527	T	0.1527
rs1106151	A	-0.0443
rs116105108	G	0.1188
rs61835398	A	0.0514
rs112095653	G	0.0658
rs16844403	C	0.1652
rs149312067	A	0.1145
rs11590252	G	0.0718
rs61760801	G	-0.0482

rs874349	T	-0.0268
rs113544791	A	0.139
rs12027987	C	-0.0389
rs148277892	C	0.0562
rs10925451	G	-0.0252
rs12044473	A	-0.0265
rs11207037	G	0.0263
rs113564013	A	-0.137
rs11803230	G	-0.109
rs11591136	G	-0.1062
rs744745	A	0.0226
rs114043262	A	0.0701
rs12130756	A	-0.0825
rs116446798	T	-0.1697
rs12730560	G	-0.0329
rs1113177	C	0.0997
rs11207229	C	0.0433
rs4460648	G	0.0801
rs17374258	T	0.0293
rs7539302	T	0.0254
rs59438946	C	0.0713
rs116401315	A	-0.1639
rs77355552	A	-0.0745
rs12045774	A	0.0872
rs147322135	A	0.1274
rs12087539	G	0.058
rs12136324	C	-0.0222
rs9287130	G	0.0325
rs12135777	T	-0.0344
rs1770212	A	0.0231
rs1126367	G	0.0231
rs115709148	T	0.094
rs7554192	A	-0.0299
rs2024613	C	0.0639
rs144872023	T	0.0977
rs7555469	T	0.0331
rs35340308	G	0.0969
rs6695321	G	0.0224
rs996864	G	-0.0414
rs17104423	G	0.0894
rs1999796	C	-0.0959
rs6428841	A	-0.0222
rs6702543	G	0.0258
rs76894643	A	-0.0785
rs112612015	T	-0.152
rs1928346	G	0.1275
rs140929075	T	0.1436

rs1704203	A	0.0365
rs12122171	C	-0.0908
rs146519801	G	-0.1415
rs4927071	T	0.0274
rs9803840	T	0.0637
rs1346864	T	0.0423
rs12075780	C	0.0408
rs10923574	C	0.0238
rs78833820	A	0.0692
rs3811015	C	0.038
rs75062229	C	-0.0796
rs9428536	T	0.0232
rs11102800	T	0.0228
rs856084	G	-0.027
rs116433736	T	-0.1061
rs115971106	T	0.0622
rs7533295	A	-0.0315
rs79273400	T	-0.1241
rs79440992	C	0.0773
rs144598943	G	0.1759
rs2304306	T	0.0754
rs13374652	A	-0.0471
rs17477445	T	0.1754
rs78452229	C	0.0734
rs2132421	T	-0.0287
rs11119076	A	0.069
rs72754524	C	0.0461
rs16823978	T	0.074
rs12125544	C	-0.0717
rs142353356	C	0.0564
rs1020708	A	-0.0219
rs76098848	T	0.1109
rs17106630	T	0.0471
rs4265484	G	0.0271
rs6687797	A	0.0332
rs80256433	G	-0.0652
rs115543599	A	0.0935
rs113706283	T	-0.0655
rs271747	A	-0.026
rs72669442	A	0.1034
rs7517824	C	-0.0258
rs72691578	T	0.0688
rs113462254	T	0.1626
rs150934840	A	0.0492
rs58905635	C	-0.047
rs115933125	A	-0.0837
rs149648316	C	-0.0484

rs4949715	T	0.0264
rs75500998	T	0.0353
rs56404247	T	0.0434
rs78731651	T	0.0844
rs10465819	T	0.0239
rs6675856	G	0.0884
rs11806580	T	-0.0778
rs12740451	T	-0.0333
rs859050	A	-0.0229
rs116809154	A	-0.1628
rs147470466	A	0.103
rs2065160	G	-0.0381
rs79409740	A	-0.0689
rs115517531	G	-0.103
rs12089708	A	0.051
rs76789597	A	0.102
rs12118914	T	0.0649
rs77446002	C	0.0997
rs139197234	G	0.17
rs114223278	A	-0.1093
rs875148	T	-0.0238
rs74914251	G	0.1545
rs12059757	G	0.0279
rs266825	G	0.0642
rs6692545	A	0.1049
rs71633523	A	0.1214
rs1280961	A	0.0366
rs11249024	C	0.0416
rs9428077	C	0.0421
rs72734303	A	0.0346
rs10863348	G	0.0347
rs4078485	A	0.04
rs2764688	A	0.029
rs75218957	G	0.079
rs76396453	G	0.0883
rs116532272	A	-0.1407
rs4656682	A	0.0304
rs150519885	C	0.1338
rs10793750	C	-0.0266
rs78128854	A	0.0878
rs12737672	T	0.1367
rs4649413	T	0.033
rs115978377	C	0.1277
rs145708248	G	0.129
rs10158584	G	-0.1185
rs583468	T	0.0235
rs12140854	C	0.0358

rs11487432	G	0.0385
rs77787851	G	-0.0887
rs61827414	C	-0.0978
rs3008881	A	-0.0296
rs79587190	C	-0.0415
rs12567872	T	0.0416
rs2000394	T	0.0375
rs2765035	C	-0.0698
rs10907311	T	0.0285
rs232806	T	0.0591
rs12406728	T	0.0426
rs72675902	T	0.0764
rs56008807	A	-0.0362
rs1321132	G	0.0227
rs4268348	G	-0.0255
rs35521511	A	0.0483
rs2576265	T	-0.0238
rs710133	T	0.0464
rs76860733	A	0.082
rs267854	C	0.0249
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rs12119428	A	-0.1594
rs17446795	G	0.0803
rs12136786	T	-0.0231
rs74059336	G	0.0408
rs148458870	A	-0.0843
rs143918413	T	-0.1326
rs2842861	T	0.1187
rs2268556	C	-0.0359
rs7528241	G	0.039
rs61834219	T	0.1192
rs12730226	T	0.0299
rs9437984	T	-0.0229
rs11588930	A	-0.0381
rs17427125	A	-0.0632
rs76390707	A	0.1184
rs140549724	G	0.1745
rs857118	T	-0.0224
rs17541376	C	0.0413
rs12119880	G	0.1043
rs79092388	T	-0.0999
rs1889548	A	-0.0246
rs669996	T	0.0305
rs72713469	A	-0.0465
rs10912917	T	0.0307
rs79388106	T	0.0915
rs115645346	T	0.1287

rs4660181	G	-0.0324
rs12033655	C	0.0245
rs4916034	T	0.0251
rs12076262	A	0.1018
rs139853323	T	0.0998
rs2789728	T	-0.1837
rs10910480	G	0.0366
rs79210514	G	-0.0888
rs527208	A	0.0411
rs61816632	A	0.0459
rs207127	G	-0.0354
rs143387608	T	-0.0964
rs12138377	C	0.0457
rs3181088	T	-0.0307
rs79780638	T	0.0845
rs2000101	T	-0.029
rs560611	C	-0.0307
rs76487324	A	-0.0386
rs28878211	A	-0.0973
rs4970806	C	0.0233
rs144510399	A	-0.166
rs4658605	A	0.0234
rs72718707	G	0.0514
rs2046842	A	-0.035
rs10495128	A	-0.0306
rs115244136	T	-0.0853
rs80058375	G	-0.0915
rs4656120	T	0.063
rs7544268	C	0.0273
rs56166784	C	0.0817
rs72632834	C	0.0474
rs113919697	G	0.0652
rs6682619	G	-0.024
rs597181	T	0.0237
rs75335011	T	0.0779
rs2807837	G	-0.0436
rs116780327	T	-0.1674
rs11588595	C	0.0705
rs41306187	A	-0.0603
rs4652579	G	0.0729
rs10864225	T	-0.0342
rs1695946	A	0.0256
rs4915988	G	0.0254
rs7514211	G	-0.0604
rs55939934	A	0.0394
rs11586615	C	-0.0659
rs78359763	A	-0.0804

rs74608475	C	0.1615
rs41269207	T	0.0754
rs34199675	G	-0.1081
rs145208059	A	0.0878
rs17571647	A	-0.0702
rs17323505	G	0.0278
rs111907259	A	-0.1599
rs684287	T	-0.0563
rs76127600	G	-0.0665
rs1461919	G	0.022
rs10495301	A	0.0246
rs10798959	T	0.0244
rs77425918	A	-0.1213
rs11589710	C	0.1024
rs12141063	A	0.048
rs115352944	T	0.0495
rs16844291	G	0.0319
rs7545500	A	-0.066
rs76740766	T	-0.0982
rs140314886	A	-0.0955
rs112336840	C	-0.0413
rs76147254	C	-0.0671
rs2803271	G	-0.0225
rs74112513	A	-0.1029
rs2265081	C	-0.092
rs61812704	T	-0.171
rs12748330	G	-0.0271
rs11811937	T	0.1211
rs7556454	T	0.0226
rs34581340	G	-0.1504
rs10925146	C	-0.0314
rs75028234	A	-0.1126
rs10917177	G	0.1302
rs7529406	C	0.0312
rs78799512	A	0.0459
rs115888432	A	-0.0535
rs12753442	G	-0.035
rs3766606	T	0.0303
rs1414474	G	0.026
rs4459149	T	0.0395
rs79768400	A	0.1436
rs17357201	A	0.0284
rs71659190	C	0.069
rs112044341	A	0.1429
rs1763457	T	-0.0418
rs71639162	A	-0.029
rs2451614	G	0.025

rs78932142	T	-0.1419
rs10800041	G	-0.0307
rs6669905	T	0.0226
rs115106269	C	-0.2528
rs72751177	T	-0.2236
rs113833289	C	0.1816
rs80173044	G	0.1002
rs72757706	T	0.1164
rs116707641	C	-0.0887
rs966321	G	0.0224
rs112036902	C	-0.163
rs9286954	G	0.0285
rs71638902	G	0.0327
rs1704758	T	-0.0265
rs77278027	T	0.0615
rs139636779	C	0.1681
rs2992739	A	-0.0271
rs2499526	T	0.0234
rs55976937	T	0.076
rs12119828	C	0.0864
rs1754528	T	0.029
rs77399584	G	-0.039
rs78270548	C	-0.0778
rs4908611	G	0.022
rs6662910	T	0.0549
rs12135527	A	-0.1104
rs116563715	A	0.1114
rs602226	G	0.0766
rs7513998	A	0.0274
rs349393	C	0.0236
rs6674802	C	0.058
rs41272507	G	0.0623
rs12023019	T	-0.0449
rs114902224	T	0.1292
rs209692	A	0.0242
rs72669514	T	-0.0702
rs139071998	A	0.0627
rs115490206	C	0.0939
rs114887703	G	-0.1386
rs115056380	A	0.0677
rs3896810	G	0.0245
rs10494568	G	0.0237
rs6659521	A	-0.0231
rs114857250	C	0.0632
rs72663567	T	0.0873
rs12123368	A	-0.0444
rs112091842	C	-0.1281

rs16841293	C	0.0431
rs115607533	T	0.1044
rs77083882	A	0.1575
rs10802516	T	-0.0245
rs2073110	G	0.0252
rs17128649	T	0.0933
rs61817491	T	0.0329
rs804134	G	0.0246
rs10925656	A	0.0839
rs17366686	C	0.0673
rs114797369	A	-0.155
rs2297183	C	-0.0263
rs1915275	G	-0.0299
rs12406196	C	0.0401
rs61778970	T	0.1153
rs78681939	G	0.0557
rs984872	C	0.0303
rs61818238	T	0.0444
rs41282518	A	0.1018
rs114470093	T	0.0907
rs320431	T	-0.0639
rs58719925	C	0.0304
rs72671563	T	0.0264
rs11208252	A	0.0305
rs2706194	T	0.1349
rs12126200	A	0.0836
rs927203	C	0.0234
rs113889915	T	0.0479
rs74126218	A	0.1191
rs270703	C	-0.0312
rs142015271	G	0.2065
rs45566732	T	-0.0786
rs78275388	T	0.1176
rs12134610	G	-0.0452
rs6669720	G	-0.0306
rs12129875	A	0.0421
rs61780622	G	-0.0646
rs12139965	G	0.1053
rs17598123	T	0.032
rs10915420	G	-0.038
rs75809912	T	0.0427
rs12135067	T	-0.0905
rs10489788	C	-0.025
rs732210	A	0.041
rs116568582	A	0.0994
rs12036392	C	0.0247
rs1544174	T	-0.0545

rs139245669	A	-0.1202
rs79508140	C	-0.2044
rs7538133	T	0.0486
rs12129251	C	-0.0429
rs115725122	A	-0.1791
rs16850697	G	-0.0771
rs75723690	C	0.1283
rs72742485	A	0.1445
rs12086322	A	-0.0886
rs115361948	T	-0.1286
rs35047221	G	-0.0391
rs143365325	C	0.1158
rs9729887	A	-0.0448
rs7554648	T	0.0438
rs10874276	T	0.0244
rs12097445	G	0.0666
rs12741523	T	-0.0592
rs11587363	C	-0.0534
rs11584416	G	0.0323
rs56260551	A	-0.0751
rs7524898	T	-0.0618
rs79891281	A	0.106
rs72686867	A	0.1385
rs150783882	T	0.1482
rs12116532	A	0.035
rs61828161	A	-0.0572
rs74143120	A	0.1127
rs1775833	A	-0.0246
rs71666204	A	0.0863
rs7552692	C	0.0643
rs3790515	T	0.0395
rs77275204	T	0.0821
rs59150958	T	-0.0299
rs4648854	A	0.0424
rs518717	C	0.0259
rs77602068	A	-0.0477
rs10791	T	-0.0432
rs77027094	T	-0.0878
rs116102697	T	-0.1144
rs12028075	T	0.0259
rs113137043	G	0.0903
rs142532713	C	0.0844
rs41309621	T	0.0804
rs17627448	C	0.1883
rs7547898	T	-0.0268
rs7541453	C	-0.0227
rs12125753	G	0.1334

rs72743674	G	0.0232
rs10907211	A	-0.0268
rs2485023	G	0.0247
rs309474	T	-0.0221
rs11590667	A	0.074
rs114199297	G	0.1235
rs1001847	A	0.032
rs17016501	T	0.0471
rs2800879	G	-0.0227
rs16834286	A	-0.0408
rs10754688	G	0.022
rs4949562	A	-0.0325
rs6700316	A	-0.0504
rs10912220	T	0.022
rs115024239	T	0.0679
rs12739067	A	0.0292
rs78065931	T	0.0813
rs61822967	A	-0.0254
rs2821054	G	0.0358
rs34916501	T	-0.052
rs140199211	G	0.0992
rs7517554	G	0.071
rs842192	A	-0.0304
rs142601277	A	-0.1219
rs7551164	G	-0.0394
rs1809328	T	-0.0602
rs17382631	A	0.031
rs12084257	G	-0.0219
rs1333717	G	-0.0271
rs112355921	G	0.0908
rs116185673	T	0.1021
rs12409237	T	-0.0722
rs369576	C	-0.0259
rs623400	A	-0.0244
rs3917863	A	-0.1248
rs80006548	G	-0.0584
rs72732232	A	0.1405
rs12749003	T	0.0508
rs12126794	G	0.0402
rs74682864	T	0.0941
rs16841924	C	0.0327
rs56693991	A	0.1158
rs669850	T	-0.0993
rs12045127	T	-0.029
rs114668813	C	0.0717
rs12733060	A	0.034
rs75465386	A	-0.0984

rs11121379	C	0.0442
rs2566761	C	0.0226
rs151229545	G	0.0537
rs814216	A	0.1177
rs12407356	A	0.1281
rs549944	T	0.0233
rs76851529	A	-0.0697
rs17416299	T	-0.047
rs143462621	C	0.11
rs6703261	C	-0.0292
rs648681	T	-0.022
rs76643357	A	0.0858
rs12022038	A	0.0302
rs72718930	G	0.136
rs9786932	A	-0.0222
rs58218115	A	0.0302
rs72648420	G	-0.0321
rs4839542	T	-0.028
rs5746014	C	-0.0403
rs140959869	A	-0.1132
rs17372091	C	0.1536
rs145161038	C	0.0841
rs112710779	C	0.0483
rs150420852	A	0.1264
rs894857	A	-0.0407
rs12405612	T	-0.0647
rs17130939	C	-0.0942
rs12028381	G	0.0228
rs10922351	T	-0.031
rs76275764	A	-0.0943
rs17110430	C	-0.0431
rs72678971	C	-0.0224
rs116191817	T	-0.2067
rs56083914	C	0.1289
rs7518979	G	0.04
rs144007360	T	-0.101
rs2148579	G	-0.0567
rs1474325	T	0.0827
rs11810250	T	-0.023
rs55998142	T	0.0426
rs58488945	T	-0.0682
rs1338770	T	-0.0227
rs113418708	T	-0.0546
rs72913001	T	-0.0424
rs78292107	C	-0.1187
rs12135574	T	0.1292
rs57046342	G	-0.0967

rs7546539	T	0.0453
rs72683874	C	0.054
rs141751659	G	0.1036
rs1537560	C	0.03
rs77391939	A	-0.0361
rs114171077	G	-0.1164
rs142943956	T	-0.1268
rs150229248	C	0.0989
rs2769264	G	-0.0293
rs17376524	G	-0.0429
rs11583174	G	-0.0493
rs9662700	A	-0.0224
rs6677228	G	-0.0233
rs10789018	T	-0.0231
rs17471891	G	-0.0594
rs17364300	T	-0.0525
rs1994606	A	0.0309
rs12132885	T	0.0399
rs868376	T	0.0249
rs12038826	C	-0.0442
rs7550761	T	0.0506
rs78386448	G	0.101
rs115954194	T	0.0929
rs78114766	C	0.0618
rs932927	A	0.0271
rs12127749	T	-0.0358
rs17116777	T	0.0638
rs12044336	A	0.0789
rs74757299	G	-0.0937
rs74443656	T	0.1022
rs114505919	A	-0.1709
rs76377343	G	0.1107
rs7514305	G	0.024
rs11588636	A	-0.0313
rs12145891	G	0.0773
rs17483469	A	-0.0918
rs113540940	T	0.1353
rs116381680	G	0.0666
rs56229522	A	0.0262
rs12023442	A	0.0278
rs1952251	T	0.0254
rs4290117	A	-0.0281
rs114272158	A	0.1256
rs35733093	G	0.024
rs4285701	A	0.0275
rs75071937	A	0.0323
rs41289432	G	0.1296

rs7511845	C	0.0595
rs114043479	G	-0.1232
rs2819370	T	0.0227
rs115016970	A	-0.0969
rs12743815	C	-0.0461
rs75894787	G	0.0279
rs10900502	G	-0.0247
rs11120319	G	-0.0405
rs11577259	G	-0.0278
rs55710143	G	0.0573
rs2297140	C	0.022
rs115590945	C	0.0819
rs114184667	C	-0.0553
rs6685497	A	0.0225
rs1202836	G	-0.0248
rs4133290	C	0.0239
rs4233391	T	0.0303
rs1213919	C	-0.0244
rs728611	G	0.026
rs12731453	T	0.1312
rs114003685	T	0.0996
rs12023135	C	-0.1226
rs4655030	T	0.0224
rs34262463	C	-0.0285
rs12122510	G	-0.0673
rs60789384	A	-0.0577
rs72732209	A	-0.1125
rs111899783	C	-0.092
rs74616535	A	-0.0828
rs2245988	T	-0.0785
rs1610399	A	-0.0221
rs6540987	A	-0.0311
rs67913534	C	-0.0409
rs6684650	C	-0.0676
rs61821763	A	0.0451
rs4415564	T	0.1065
rs16833716	G	-0.1227
rs817974	T	0.0347
rs6694863	A	-0.0877
rs76087661	T	-0.1001
rs116426872	T	0.1024
rs17740770	G	0.0948
rs77001779	G	0.0758
rs72866283	A	0.0734
rs1780531	T	-0.1413
rs1780049	G	-0.1671
rs137909120	G	-0.1821

rs114673335	T	-0.1346
rs6697145	T	-0.0219
rs11121282	C	-0.0536
rs113029877	G	-0.1389
rs78665342	A	-0.087
rs7524405	C	0.022
rs17025152	A	-0.1172
rs55912319	A	0.1191
rs72654956	T	-0.111
rs7528480	A	-0.0227
rs1561582	C	-0.0219
rs34929894	T	0.0749
rs11807226	T	0.0861
rs79787491	T	0.0673
rs76399673	G	0.0483
rs147566732	C	0.0986
rs2821376	G	-0.0384
rs113223164	G	0.0452
rs139194654	G	0.0975
rs7534008	T	-0.0232
rs150127103	T	0.0677
rs75157360	T	0.0913
rs6659876	G	-0.0233
rs145337159	C	0.0766
rs76839161	C	0.123
rs7529479	C	0.0475
rs111787496	A	-0.1101
rs7551256	T	0.066
rs4284277	T	0.0519
rs148451063	A	0.1638
rs114615982	C	0.0805
rs74815723	A	0.0609
rs10047236	A	-0.025
rs76217525	T	-0.1061
rs17186233	G	0.0327
rs9803973	C	-0.0311
rs28477803	C	-0.0259
rs61821541	A	-0.067
rs6697464	T	-0.0353
rs11585038	C	-0.0372
rs77204192	A	-0.1117
rs11578616	C	-0.0276
rs12756927	G	0.0467
rs75829029	G	0.1135
rs114194033	A	0.1115
rs305217	A	-0.0495
rs114853421	T	0.0742

rs79423790	G	-0.0659
rs147854946	C	0.1994
rs779040	G	-0.0226
rs6691063	C	-0.0285
rs74680409	T	0.1066
rs79101638	A	0.1104
rs116697543	A	0.1356
rs3789545	C	0.029
rs1924569	T	0.0319
rs111482293	A	-0.0961
rs34089781	A	-0.1157
rs12040029	T	0.0338
rs12086610	T	-0.0571
rs7518036	A	0.0487
rs28831777	A	0.0213
rs10921387	T	0.0227
rs75414430	C	0.0602
rs1107805	G	0.0238
rs818199	A	0.0225
rs1995662	C	-0.0372
rs12569254	A	-0.0326
rs61826737	T	0.1192
rs351599	T	-0.0445
rs11576612	G	0.0298
rs56088841	C	0.0608
rs12563114	T	-0.0877
rs76372303	A	0.0723
rs75933914	A	0.0823
rs77139104	T	-0.1469
rs1202585	C	-0.0225
rs72664558	T	0.0806
rs12403384	A	-0.0979
rs12067828	A	0.068
rs35413565	G	0.031
rs2807355	A	-0.0337
rs138213001	C	0.1209
rs11208151	A	0.0547
rs550091	T	0.0372
rs142594309	T	0.1496
rs4846616	A	-0.0329
rs146766110	G	0.1874
rs2806457	A	-0.0276
rs61831862	C	0.0339
rs59703516	C	0.1765
rs10443385	G	-0.0233
rs79587638	C	0.1088
rs12069882	G	-0.0282

rs66837526	G	0.0339
rs11260702	A	0.024
rs1436086	T	0.0474
rs149324089	T	-0.118
rs12144170	C	-0.0677
rs79158952	C	0.0426
rs1775416	A	-0.0213
rs144484527	G	-0.1257
rs2504786	C	-0.0252
rs11163492	C	0.0283
rs111897819	A	0.0643
rs75633775	T	-0.1194
rs10923835	T	-0.0533
rs138839202	T	0.1414
rs17122796	C	-0.0526
rs2263450	G	0.0892
rs11579428	G	0.0694
rs76570797	T	-0.1571
rs148712747	A	0.1384
rs58092429	A	0.0776
rs2803238	G	-0.0224
rs61786951	G	0.0224
rs74530709	T	0.1573
rs12032754	C	0.0426
rs2643907	A	-0.0422
rs28739007	A	-0.1224
rs72738451	T	0.1806
rs6424220	A	-0.0862
rs116095230	A	-0.0993
rs6685511	A	-0.032
rs35135921	G	-0.0309
rs2172586	T	0.0434
rs7522444	G	-0.0833
rs10465542	G	-0.0269
rs12759185	G	-0.0471
rs79808004	G	0.0564
rs1933116	T	0.0544
rs147422269	T	-0.1101
rs115301910	G	-0.0845
rs1937022	T	0.0682
rs61786221	G	-0.027
rs61797053	A	0.0608
rs12023543	G	-0.0395
rs7516960	G	0.0221
rs7521718	G	-0.0253
rs60599295	T	-0.0596
rs111905813	C	-0.101

rs72727017	A	-0.0823
rs12026958	C	0.0455
rs1040623	T	0.0357
rs78062654	T	0.1188
rs41285684	T	0.077
rs12402076	C	0.0481
rs4652245	G	0.0222
rs10922056	C	0.1711
rs10799062	A	0.0281
rs143396174	A	-0.1251
rs11497367	A	0.0592
rs12139055	G	-0.0369
rs7536670	G	-0.0237
rs1093730	G	0.0225
rs115103728	T	0.1231
rs75646621	G	0.1054
rs17130677	G	-0.0675
rs7511927	G	-0.0543
rs12403423	G	-0.0434
rs115283754	C	0.1015
rs115580699	A	0.0803
rs6698566	G	0.0214
rs114711020	G	0.1465
rs61820445	A	0.0212
rs68148988	T	0.0401
rs111740046	C	0.0927
rs111296093	G	-0.0673
rs61809296	A	-0.0692
rs72730720	G	0.1858
rs61777777	A	-0.1089
rs116155519	T	-0.1131
rs12404239	T	0.0472
rs28741370	T	-0.0593
rs7365031	C	-0.0319
rs61821644	T	0.1356
rs72763318	G	-0.0789
rs10799660	A	0.0282
rs79998886	A	-0.0908
rs10493437	A	0.0407
rs17506202	T	0.1182
rs148060323	T	0.1541
rs628458	G	-0.1212
rs114143207	T	0.1029
rs841853	A	-0.024
rs7519442	A	-0.032
rs2819365	T	-0.0235
rs116209351	C	-0.182

rs7534613	C	0.1219
rs72719779	A	0.0443
rs75207146	T	-0.1766
rs45525832	G	-0.0732
rs139388048	C	0.0899
rs149141747	T	0.0859
rs145548355	A	-0.095
rs571095	G	0.0523
rs76384561	G	0.1205
rs113272409	C	-0.0321
rs11240340	C	0.035
rs116675496	A	-0.1423
rs1058304	T	0.0248
rs116534967	G	0.1262
rs7537663	A	-0.0231
rs6695728	A	0.0344
rs140785163	T	-0.1256
rs1101455	G	-0.0506
rs4285653	C	-0.0442
rs11206937	A	-0.0264
rs78816687	A	-0.0787
rs80119522	T	0.1106
rs116660032	G	-0.1445
rs11578809	A	-0.0436
rs148147271	G	0.03
rs2803242	G	-0.0272
rs12064834	T	-0.0278
rs10890064	T	0.0297
rs6671188	T	0.0693
rs80291245	T	0.1032
rs508448	G	-0.0217
rs28914538	A	0.046
rs41268456	A	-0.1185
rs12121226	A	-0.032
rs3767693	G	-0.026
rs149017905	C	0.0685
rs2993250	T	-0.0629
rs947269	C	0.0254
rs34666110	G	-0.0957
rs72737710	G	0.121
rs7516252	C	0.033
rs645776	A	0.0236
rs17116806	A	0.0263
rs2644449	G	0.0321
rs7414229	C	0.1535
rs141352657	A	0.0545
rs115285858	T	-0.122

rs56145549	T	-0.0678
rs6659859	A	0.0838
rs141571232	A	-0.0873
rs12046045	A	-0.0687
rs12037741	A	0.0291
rs12046141	A	-0.0262
rs76634076	G	-0.0832
rs10800799	T	0.0344
rs2501841	A	-0.0314
rs12059547	C	0.022
rs56076632	C	-0.0855
rs2786022	G	-0.0404
rs60046748	T	-0.0696
rs72638828	T	-0.0762
rs2359596	T	-0.1262
rs74898028	T	-0.0638
rs12739500	C	-0.0246
rs116775713	A	-0.0833
rs79079054	T	0.08
rs2501358	C	-0.0339
rs145147106	G	-0.1659
rs72705895	T	0.0434
rs521009	T	0.0216
rs2184345	C	-0.0234
rs116043467	A	-0.1774
rs17124643	G	-0.0461
rs1893736	C	0.0246
rs1390509	G	-0.0609
rs4661086	A	0.0402
rs2810612	A	-0.0414
rs72649454	G	0.1934
rs61811736	C	-0.1107
rs76621989	G	-0.1291
rs12126810	G	0.046
rs12129461	T	0.0347
rs56106339	C	0.0856
rs114127217	A	0.1844
rs59691927	G	0.0434
rs4360581	T	-0.0644
rs114909737	A	-0.089
rs6680186	G	-0.0242
rs829000	A	0.0879
rs77370669	T	-0.0725
rs2491284	T	0.0379
rs4649322	T	-0.0403
rs150521862	G	0.1476
rs61767267	A	-0.0313

rs150540502	A	0.1453
rs9425631	T	0.0731
rs4654623	G	0.0646
rs7528920	C	-0.0256
rs77914233	C	0.1219
rs4436408	A	-0.0247
rs72663278	G	-0.0936
rs149264866	C	-0.0831
rs77476000	A	0.1083
rs78639635	G	-0.1435
rs12747219	G	-0.0294
rs387831	C	-0.0252
rs9659230	T	0.0459
rs696969	G	-0.0488
rs2764893	T	-0.0214
rs113224872	T	-0.1351
rs1229401	G	0.0447
rs147678629	G	-0.1377
rs12734494	A	0.0216
rs150462121	T	-0.0631
rs17509369	G	0.0277
rs148523506	A	0.0909
rs75462169	T	-0.115
rs6683191	G	-0.0793
rs78286557	A	0.0842
rs6429820	G	-0.0267
rs11203475	A	0.0763
rs145301517	C	-0.1041
rs1658748	A	-0.1544
rs6427065	A	0.0246
rs59902877	T	-0.0343
rs12034373	C	-0.1167
rs1406412	A	0.0245
rs72699549	G	-0.0544
rs140386550	T	0.1306
rs116543199	G	-0.1165
rs115587016	G	0.1372
rs10399945	A	0.0725
rs242056	G	-0.0227
rs6661062	T	0.052
rs113153450	A	0.1726
rs74628352	A	0.1364
rs12082071	C	0.0278
rs12138786	T	-0.0295
rs487171	A	-0.0303
rs11806773	C	0.0332
rs150702039	T	-0.1221

rs16840504	T	0.0504
rs36064908	A	-0.0248
rs115840169	A	-0.0672
rs142567332	T	0.1053
rs144749971	G	-0.1039
rs75705853	T	-0.0947
rs115278712	A	-0.1011
rs34015427	C	-0.0646
rs145716861	A	-0.1709
rs2000399	G	0.0245
rs115981709	G	0.0608
rs4477213	T	-0.0234
rs34879791	G	0.0361
rs10857999	T	-0.0252
rs6664831	C	-0.131
rs59069459	A	-0.0842
rs115109055	T	-0.1534
rs3748564	C	-0.0779
rs140015735	C	-0.085
rs10495189	T	-0.0434
rs17602478	G	0.0384
rs71641058	A	0.1372
rs144559459	T	-0.0294
rs11577291	G	-0.0228
rs706457	G	-0.0224
rs2147795	T	0.026
rs140946514	C	-0.1627
rs12142993	A	0.0873
rs2297838	A	0.0295
rs1148458	A	-0.0893
rs67536075	A	-0.0278
rs75996151	T	0.0612
rs75977753	T	0.0711
rs142040100	T	0.071
rs4971324	G	0.0301
rs17013679	C	0.0548
rs61778162	T	0.0309
rs56314729	T	-0.0692
rs11590454	C	-0.1443
rs72706321	G	-0.0376
rs7534272	C	-0.021
rs35707912	T	0.0359
rs58839584	G	0.0309
rs115892924	T	-0.0777
rs7543486	A	0.0216
rs60895205	C	0.0324
rs12755040	C	0.0263

rs78123050	G	-0.0958
rs116422856	G	-0.1186
rs72750989	T	-0.1047
rs113335696	T	-0.1209
rs116361873	A	0.0965
rs6704048	G	0.0365
rs12402423	C	0.0605
rs10920549	G	-0.0571
rs116771750	C	-0.1009
rs12143304	G	-0.0291
rs1459715	T	-0.1834
rs148888351	A	-0.1523
rs11580366	C	-0.1101
rs16848623	T	0.0448
rs12760277	C	-0.0213
rs6679063	C	0.0317
rs138288629	A	-0.1308
rs748405	A	0.0333
rs74561334	T	-0.0587
rs2644445	G	0.052
rs114762958	G	-0.13
rs6600434	C	-0.0253
rs145669799	G	0.085
rs77124873	A	-0.0786
rs10494251	T	0.0448
rs3766053	C	0.0217
rs11118734	C	0.0212
rs80191485	G	0.1265
rs12405434	C	-0.0285
rs28363204	G	-0.0682
rs80309829	T	0.0937
rs147757415	C	-0.1378
rs74538272	A	0.115
rs61811641	A	0.0626
rs150789257	A	-0.0786
rs116227486	T	-0.1225
rs2146201	T	-0.0223
rs12136037	A	0.0326
rs696666	T	-0.021
rs77072440	A	0.0967
rs145498240	G	-0.0945
rs10908431	C	0.0224
rs9661433	C	0.0866
rs75319920	A	-0.108
rs10799234	G	0.0209
rs147765103	T	0.1232
rs115048207	G	0.1258

rs140708969	G	0.0668
rs77321987	T	-0.0424
rs114573015	G	-0.0855
rs59243717	A	0.1517
rs1534053	T	0.0205
rs7552426	A	-0.0346
rs115299575	T	0.1578
rs12747481	C	-0.0228
rs55712124	G	-0.0213
rs4468199	G	-0.0364
rs112917817	A	-0.0768
rs68096351	G	0.0801
rs77216985	G	0.0718
rs148988406	C	-0.1481
rs12728521	T	-0.0309
rs35309209	C	-0.0478
rs35836191	T	-0.0624
rs12132705	A	-0.088
rs72649467	A	-0.0288
rs731862	C	0.0281
rs67849785	A	0.0476
rs74336390	G	-0.0657
rs80218635	T	0.0896
rs112794153	C	-0.1832
rs56125823	G	0.0263
rs74905578	C	0.0912
rs138257770	A	0.13
rs142215987	T	0.1223
rs78816612	T	0.0916
rs76711898	C	0.0947
rs74535317	A	-0.0722
rs151293889	A	-0.0772
rs2815857	C	0.0214
rs3738029	A	0.0223
rs115102939	C	-0.0834
rs10803448	G	0.0252
rs1409767	C	-0.0392
rs28704792	C	-0.0239
rs35366573	T	0.1301
rs2796813	C	0.0216
rs12048703	G	0.0528
rs4359024	G	-0.1126
rs11586824	G	-0.0349
rs12131610	A	0.0487
rs113556747	A	-0.1337
rs4915800	T	0.0291
rs289694	T	0.0892

rs116604714	C	-0.1451
rs142439658	T	0.1755
rs11206585	C	-0.0311
rs79471662	G	-0.1265
rs116805723	C	-0.0995
rs147217071	A	-0.104
rs3795757	T	-0.0237
rs80274891	T	-0.0675
rs11585507	C	-0.0651
rs10753370	A	0.0689
rs1883575	A	-0.0247
rs12752804	A	0.1153
rs142725809	C	-0.1051
rs11581194	C	-0.069
rs4600103	A	-0.0369
rs2818973	C	0.0296
rs116776794	G	0.058
rs10918315	T	-0.0349
rs149675414	C	-0.0686
rs333953	A	-0.1409
rs12119788	A	0.0397
rs12145733	T	0.0872
rs78587628	C	-0.1427
rs77960181	T	0.1188
rs116393000	G	0.1275
rs149635574	T	-0.1228
rs55707424	A	0.1183
rs12750369	G	0.023
rs12116616	A	0.0375
rs72678297	C	-0.0847
rs114555369	G	-0.0709
rs1288476	G	0.0257
rs61823707	A	-0.1106
rs12130294	G	-0.0331
rs4847565	A	0.0215
rs6680355	A	0.0655
rs17120263	C	0.0873
rs115433305	C	0.0579
rs12740348	C	-0.0227
rs146298873	A	-0.1709
rs1545933	C	-0.0287
rs114598863	G	0.1269
rs2029356	T	-0.0244
rs79910482	A	-0.1062
rs12025416	C	0.0338
rs143182217	G	0.1929
rs3191	G	0.0794

rs146245458	T	-0.1277
rs66673003	T	0.0357
rs74916854	A	0.0623
rs11590621	T	0.0988
rs41272511	C	-0.1008
rs12691507	G	0.0216
rs2673979	G	0.0366
rs4658649	A	0.0232
rs2491142	T	0.0226
rs35913405	A	-0.0372
rs7554191	C	-0.0254
rs11584036	A	0.0257
rs140335383	A	-0.0364
rs112996201	A	-0.069
rs79784766	T	-0.1518
rs782262	C	-0.0256
rs72678124	T	-0.1354
rs55706120	G	0.0257
rs4145764	A	-0.1287
rs17101925	T	-0.1427
rs75693851	T	0.1627
rs138436882	G	-0.0547
rs78283337	A	0.0652
rs6698963	G	-0.0213
rs669410	C	0.0301
rs114216738	T	-0.1104
rs78933896	T	-0.07
rs114367251	T	-0.1076
rs9427709	C	0.1207
rs559138	G	0.024
rs7522097	G	0.0337
rs6425863	T	-0.0222
rs139671484	C	-0.1728
rs140123438	A	0.0713
rs55741360	C	0.078
rs72925245	T	-0.0884
rs10874073	T	0.0724
rs7532624	A	0.033
rs61771723	G	-0.0924
rs12061052	T	0.1028
rs138769061	C	0.1115
rs72643142	T	-0.0344
rs12754930	G	0.0458
rs145740324	A	0.094
rs79659608	T	-0.1337
rs114921230	A	-0.0524
rs111258655	A	-0.0794

rs76785864	C	-0.1326
rs80068944	A	-0.0797
rs72686459	T	0.0614
rs35994602	A	0.0515
rs11583172	A	-0.0471
rs6663588	A	0.0485
rs78680986	C	-0.0761
rs75497644	T	0.1055
rs79659593	T	-0.1419
rs61825587	G	0.0894
rs11578009	C	-0.0265
rs78951511	C	0.0418
rs80195991	T	0.0662
rs114243257	T	0.0548
rs10399914	G	0.0288
rs79149949	G	-0.0797
rs527676	A	-0.0348
rs55766395	T	-0.0898
rs76741925	A	0.0295
rs141704337	A	0.1296
rs79171526	G	0.0529
rs77808099	T	0.0859
rs115190342	G	-0.1629
rs6697199	G	-0.0223
rs140372748	T	-0.0387
rs28695776	G	0.0492
rs146985100	T	-0.191
rs12086356	T	0.0234
rs145946585	T	0.164
rs35795620	T	-0.1049
rs115005547	T	0.1314
rs79431805	T	-0.0918
rs6675775	T	0.0235
rs1672917	A	-0.0223
rs7543509	G	-0.0398
rs4657486	G	0.0211
rs9659352	A	0.0297
rs114006491	C	0.1006
rs859670	A	0.0274
rs12038863	C	-0.0341
rs115206394	T	-0.0397
rs147688030	T	-0.111
rs12134806	G	0.0224
rs56871324	C	0.0956
rs2986745	G	0.0368
rs77089320	A	0.0904
rs116201940	C	-0.1197

rs7540795	A	-0.1362
rs56029120	A	0.1059
rs61801951	T	0.0765
rs144839329	C	-0.098
rs6692573	C	0.0473
rs61765520	T	0.0742
rs72749352	T	-0.1058
rs147293122	C	-0.0872
rs4001163	T	-0.0224
rs17414232	T	0.0435
rs10494257	C	-0.0276
rs143289391	G	-0.1643
rs146585362	A	-0.1471
rs10864657	A	-0.0394
rs4949322	T	-0.0357
rs144652544	A	-0.1136
rs17727243	C	-0.067
rs139341891	G	-0.147
rs1472319	C	-0.0305
rs78898350	T	-0.1068
rs34781954	T	-0.0371
rs74411429	T	0.1679
rs12021626	G	0.0233
rs74077403	T	-0.106
rs742483	G	-0.0295
rs113159818	T	0.1141
rs57182757	A	0.0292
rs4147114	C	0.0235
rs72952531	A	0.1234
rs76146115	G	-0.1106
rs74698831	A	-0.1126
rs9429673	A	-0.0385
rs116067486	T	-0.1232
rs12144381	A	0.0381
rs34756656	A	-0.1206
rs1157458	A	0.0227
rs2456822	T	0.0265
rs6587804	C	0.0211
rs12408238	A	-0.0418
rs77588799	A	-0.0632
rs634218	T	-0.0916
rs958494	T	-0.0227
rs2294934	A	0.04
rs12044523	C	-0.0332
rs75608493	G	-0.0356
rs28367943	G	-0.0806
rs144875070	G	-0.1559

rs116795260	G	0.1023
rs2817185	G	-0.0252
rs7524870	T	0.0299
rs114720052	T	0.0765
rs12566057	A	0.023
rs61801219	C	-0.0464
rs3748534	C	0.0435
rs148480593	T	0.0839
rs148585379	G	-0.159
rs115757265	G	0.1091
rs74390732	G	-0.1179
rs2781066	T	-0.029
rs1288339	T	-0.0336
rs146734351	C	-0.1069
rs11572739	A	0.1356
rs17479730	C	0.0842
rs116101065	G	0.1145
rs74919679	T	-0.0705
rs72745774	A	-0.0616
rs78529941	A	-0.0222
rs28728263	T	-0.0298
rs1320969	G	0.0271
rs75161690	T	-0.1087
rs116546216	A	0.0575
rs10489931	T	-0.0651
rs61789705	T	0.1622
rs114164209	T	0.1142
rs12091485	C	-0.0243
rs7365305	G	0.1147
rs151073654	C	-0.1857
rs1539581	G	0.0436
rs11584547	A	0.0359
rs61824308	G	-0.0729
rs12133081	T	0.0615
rs2924456	A	-0.0261
rs17026048	G	0.1828
rs282178	A	0.0349
rs139210967	G	-0.1593
rs3766871	A	-0.095
rs1743842	G	-0.0807
rs12130951	G	-0.0404
rs116764071	C	0.1012
rs145813721	T	-0.1447
rs4655606	T	-0.0212
rs6690136	T	-0.0347
rs1926262	G	0.0527
rs74545064	G	-0.1052

rs17445205	A	0.0483
rs12042767	A	0.0997
rs78087823	T	0.0484
rs1776178	A	-0.023
rs12142026	T	0.0981
rs12080411	A	-0.0361
rs75932388	A	-0.0863
rs10493766	G	0.0241
rs60659753	T	0.0782
rs41315701	A	-0.0283
rs6680840	C	-0.0297
rs114342223	G	-0.1044
rs114550772	A	-0.0916
rs112514855	A	-0.0642
rs12137389	T	-0.1299
rs148103167	C	0.0687
rs112648975	G	-0.0934
rs6694077	G	-0.0222
rs115121347	A	0.0944
rs112561474	C	0.0938
rs145890632	C	0.1284
rs12030607	A	-0.0522
rs6673400	A	-0.0266
rs7515592	C	-0.0279
rs116416309	C	0.0339
rs112516688	T	0.142
rs10864062	G	-0.0214
rs12755629	T	0.0324
rs12123603	T	-0.0341
rs137947295	T	-0.1211
rs17377714	T	-0.0245
rs1058978	C	0.0529
rs145838948	A	0.0636
rs191535	A	-0.0863
rs139676481	T	0.1188
rs7518834	A	-0.0234
rs76179257	A	0.0676
rs74964626	T	0.0994
rs78762164	C	-0.0857
rs72677566	A	0.0627
rs1319001	C	0.0297
rs138969391	A	-0.0747
rs6681647	T	-0.0241
rs148354985	G	0.1564
rs116394212	G	-0.1338
rs41271503	G	0.0691
rs13375475	A	0.1231

rs2175993	T	-0.0662
rs12133893	C	0.0225
rs3904791	T	-0.0317
rs4846856	A	0.0234
rs34244523	C	-0.024
rs115201237	T	0.068
rs72679932	G	-0.0353
rs10913946	C	-0.0243
rs17049035	A	0.0588
rs4658186	A	0.0214
rs77441986	A	-0.0589
rs12128450	T	0.0757
rs4658628	T	-0.0252
rs59798360	A	-0.0965
rs116612902	G	-0.0414
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rs7519925	T	0.0242
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rs11576528	G	-0.1034
rs1370149	A	0.0324
rs12035107	C	0.0646
rs115898837	C	-0.0701
rs7515999	G	-0.0448
rs3753014	C	-0.0427
rs2703993	G	-0.0226
rs72697567	T	-0.034
rs75061683	A	-0.0781
rs75689151	T	0.0558
rs4266869	C	0.0311
rs61769757	T	0.0289
rs11585117	A	-0.0423
rs1989307	C	-0.0224
rs9432168	C	0.0264
rs6693754	C	-0.0206
rs7528727	C	-0.0202
rs2483229	C	-0.0403
rs17030044	C	0.0428
rs3753232	T	-0.0288
rs2294191	T	-0.0249
rs1575176	G	-0.0565
rs7546898	T	-0.0239
rs59447555	A	0.0598
rs12119981	T	-0.0417
rs488540	G	0.0243
rs148720677	T	-0.0665
rs2798808	G	-0.0378
rs6685338	C	0.0451

rs149175760	T	-0.1256
rs61783754	A	0.158
rs1857214	T	0.0409
rs79271479	G	-0.0725
rs77515554	T	-0.1377
rs114306800	T	-0.0435
rs6663436	A	0.0365
rs79942186	A	0.0731
rs74785846	T	-0.116
rs61825506	A	-0.0481
rs11208492	A	-0.0379
rs1249816	T	0.0202
rs76369903	T	0.0407
rs12142756	C	-0.0442
rs17575309	T	0.084
rs79203749	G	0.0749
rs75176494	T	0.046
rs3856210	C	0.042
rs10925928	G	-0.0461
rs6660261	A	0.0436
rs112185052	G	0.0964
rs116392340	A	0.1363
rs7537232	T	-0.0237
rs115704940	T	-0.112
rs113983937	G	-0.1036
rs76289665	T	0.1224
rs10874195	T	0.0215
rs12145115	G	-0.0231
rs78172467	T	-0.0856
rs61818156	T	-0.0397
rs17402096	A	-0.0431
rs319977	G	0.0918
rs1288373	C	0.0556
rs6588056	G	-0.0951
rs116007040	C	0.1115
rs4971171	A	0.1318
rs61800456	T	0.0436
rs35643897	A	0.0317
rs34127726	A	0.0516
rs35922114	A	-0.0262
rs79669031	A	0.0925
rs12124525	T	-0.0451
rs71664165	A	0.0546
rs139188180	A	-0.1012
rs112532109	A	-0.0973
rs12133313	C	-0.109
rs77247064	C	-0.1494

rs17688413	C	0.0272
rs12733217	G	0.0673
rs115609708	G	0.1125
rs2818746	G	-0.0226
rs11205702	A	-0.0295
rs6701615	A	0.0567
rs10489525	A	0.0223
rs11804741	T	-0.0628
rs546605	C	0.1253
rs11578062	C	-0.0265
rs10911817	G	-0.0505
rs2476564	G	-0.0313
rs1010560	C	-0.0254
rs112837938	A	-0.0817
rs115474009	C	-0.0563
rs16839668	C	-0.0421
rs17008307	T	0.0644
rs1752025	C	-0.04
rs6672668	T	-0.0226
rs4970829	A	-0.065
rs3908957	G	-0.02
rs41264541	T	-0.1193
rs4987403	A	0.1058
rs12028247	A	-0.0249
rs270857	G	0.0356
rs59876019	T	-0.0649
rs1809823	T	-0.0219
rs113840196	A	-0.0824
rs141633787	T	0.1125
rs114146577	T	0.0928
rs59502179	T	0.1459
rs6665850	C	-0.0226
rs113508195	A	0.0971
rs75436543	T	0.2039
rs12041451	T	-0.0271
rs77467872	G	0.1112
rs1775417	A	-0.0474
rs10749691	G	-0.0315
rs17031645	C	-0.0404
rs114680042	A	0.1516
rs512458	T	-0.023
rs114547228	C	0.1366
rs114006305	G	0.0813
rs58300372	T	-0.0299
rs78584417	T	-0.0967
rs76355932	C	-0.1262
rs74356559	A	-0.055

rs16849286	C	0.0233
rs76773158	C	-0.078
rs59626786	T	-0.063
rs76465352	A	0.0519
rs12401573	C	0.0218
rs7554186	A	-0.0235
rs2808506	A	0.0392
rs4915852	T	-0.1207
rs61829999	T	-0.203
rs12117417	T	-0.0536
rs2992736	G	-0.0212
rs338935	G	0.0259
rs76149749	C	-0.1287
rs10911027	T	0.0311
rs4568808	T	0.0216
rs2692010	T	0.0918
rs1166861	A	0.0507
rs139025382	A	-0.0946
rs12049002	C	0.0348
rs2086210	C	0.0233
rs12740413	T	0.0306
rs1078110	C	0.0279
rs963030	C	-0.0248
rs4659439	G	-0.1175
rs17418454	A	-0.0427
rs72696218	G	0.1653
rs147715244	G	0.1611
rs1458762	C	0.0268
rs6702693	C	-0.031
rs77910017	G	-0.117
rs34845821	T	0.0233
rs7513864	T	-0.0219
rs754174	G	0.0524
rs76408018	T	-0.066
rs72725073	T	-0.0293
rs34179156	A	0.0294
rs2456899	C	0.0279
rs11119172	T	0.0396
rs11591171	C	-0.0518
rs72651443	A	0.08
rs115582694	T	0.1546
rs113444041	A	0.0387
rs138198361	C	-0.1645
rs147562396	G	0.1028
rs35908994	A	0.0586
rs116003781	G	0.0954
rs12063102	T	-0.1251

rs12026082	T	0.023
rs956709	C	0.0534
rs3768197	C	0.0981
rs1215504	A	0.0214
rs1744663	C	0.0211
rs79522482	C	0.068
rs72694751	C	-0.086
rs633846	C	0.0215
rs2273166	T	-0.0211
rs72719958	C	-0.0783
rs112337787	T	0.1035
rs73124687	A	0.064
rs2457055	A	0.0245
rs17258348	G	0.0308
rs12725746	A	-0.099
rs55646662	A	-0.1329
rs111233095	A	0.0936
rs74534527	T	0.0917
rs115341694	C	0.0516
rs612480	C	-0.0354
rs10903022	T	0.0217
rs7523684	T	0.0201
rs115267501	T	-0.0513
rs3001344	A	0.0411
rs17364328	A	0.0251
rs111519543	G	0.1342
rs306318	C	0.0204
rs17884259	A	-0.112
rs76553743	T	0.1164
rs71636940	C	0.0831
rs4654155	T	0.0254
rs112332825	T	0.1129
rs149460734	A	0.1458
rs497705	G	0.0235
rs12132233	T	0.0399
rs115999808	G	-0.1305
rs7516612	T	0.0298
rs147378920	G	0.1106
rs2336639	G	0.2003
rs111603283	C	-0.0431
rs2436985	G	0.0351
rs114721921	T	0.0923
rs73097472	T	0.0962
rs34513138	A	-0.0829
rs139435626	C	0.1743
rs4950055	G	-0.0798
rs77717813	A	-0.0778

rs2009185	T	0.0228
rs114644188	C	0.1152
rs114834159	T	0.0826
rs116185257	G	-0.1016
rs115093263	T	-0.0901
rs761429	A	-0.0204
rs72900172	T	-0.0987
rs7533902	T	-0.0272
rs4656748	T	0.0207
rs10754011	C	0.0235
rs77559973	T	0.1116
rs12064099	C	-0.0344
rs77303590	T	-0.1504
rs57497799	A	-0.046
rs1172199	C	-0.0227
rs6669812	C	-0.0218
rs11572381	T	-0.0306
rs1233833	A	0.0465
rs61762113	G	-0.0848
rs677769	T	-0.021
rs138142712	G	0.1822
rs12407530	C	-0.0222
rs10920493	T	0.1553
rs143209313	C	-0.0863
rs10926010	G	0.0287
rs113352799	A	0.109
rs144667432	G	0.0965
rs72668061	G	-0.0274
rs142750936	A	-0.0701
rs7521983	G	-0.0221
rs145944302	A	-0.1092
rs11805966	T	-0.0642
rs150701948	G	-0.0884
rs9426275	T	0.0243
rs114243062	A	-0.1258
rs78394305	T	0.0551
rs4259658	C	0.0605
rs72764013	C	0.0511
rs12117229	G	0.0233
rs148895247	A	0.1198
rs140027741	C	0.0717
rs6663477	G	0.1139
rs4601641	G	0.0206
rs7546646	A	0.0496
rs2004702	C	-0.0227
rs34246968	G	0.0987
rs17260126	T	0.0661

rs142276850	A	0.058
rs113704226	C	-0.0844
rs4092257	G	0.0212
rs3767139	T	-0.0256
rs78991787	T	-0.087
rs10789165	G	0.0228
rs7552011	T	-0.1293
rs236280	T	-0.0648
rs60397524	A	0.0386
rs34521329	A	-0.0484
rs143000345	A	0.1205
rs71642648	T	0.0527
rs41310120	G	0.0616
rs138408575	C	-0.0823
rs2746352	A	-0.0298
rs1850245	G	0.0209
rs4366346	C	0.0716
rs78407318	C	-0.0529
rs79502485	A	-0.1196
rs61185659	G	0.0473
rs75407637	C	-0.1755
rs12135659	G	0.0395
rs185667	A	0.0284
rs493970	A	-0.0213
rs10495243	C	0.0269
rs4396160	G	0.0312
rs41332551	T	0.065
rs2786484	C	0.0631
rs11576745	T	-0.0211
rs79015177	C	-0.0502
rs76805837	T	-0.1296
rs115346300	T	-0.1314
rs11263905	A	-0.077
rs150585294	G	0.149
rs17371282	T	-0.0891
rs138737536	T	-0.1095
rs34015031	C	-0.1073
rs4951535	T	0.0297
rs75395882	A	-0.0405
rs10909829	T	0.1384
rs34186657	A	0.032
rs6693176	T	-0.0258
rs149685951	C	0.2269
rs272525	T	0.0498
rs35505017	T	0.1173
rs6426374	A	0.0233
rs1295092	T	0.0216

rs3820594	T	0.0233
rs12090875	T	0.0252
rs16841037	A	0.0659
rs112119900	A	-0.0509
rs7528422	C	0.024
rs884277	G	-0.0213
rs17452121	G	-0.035
rs2391635	T	0.0218
rs2297546	G	-0.0269
rs111660448	T	0.1282
rs77109523	T	-0.0775
rs10926313	G	-0.0465
rs7547493	G	0.0274
rs842024	G	-0.0216
rs145896802	C	-0.1171
rs12089406	T	0.0324
rs3121763	G	-0.0312
rs11261247	G	0.0421
rs138986324	T	-0.0628
rs7554193	G	0.0293
rs3806355	C	0.1384
rs72779219	C	-0.1514
rs34750348	G	0.1286
rs17123542	C	0.0546
rs6537664	C	-0.0224
rs1800947	G	0.0527
rs16842662	G	0.0369
rs78187776	A	0.0954
rs115797248	T	-0.1946
rs77801326	A	0.0315
rs12064119	T	-0.0245
rs6677719	C	-0.0214
rs12116982	T	0.0227
rs2487668	A	-0.0282
rs1027897	A	-0.0295
rs6691859	G	-0.0217
rs4472729	A	-0.1261
rs138913389	C	-0.1331
rs28606391	T	0.1034
rs16853649	A	-0.06
rs77817229	C	-0.0757
rs72750240	A	-0.0353
rs483525	G	0.0231
rs2484245	A	-0.0251
rs35611585	G	0.0328
rs114693663	T	-0.0515
rs2076232	T	0.066

rs7516729	T	-0.029
rs61766975	G	0.1472
rs61771791	C	-0.0812
rs72755509	A	0.0256
rs11240311	T	-0.0245
rs113915109	T	0.1011
rs7514102	A	0.0201
rs12023196	C	0.0234
rs71635524	A	0.1058
rs2601650	C	-0.0209
rs115078087	T	-0.0844
rs4907106	A	0.024
rs114417808	T	0.1541
rs72714918	T	-0.0677
rs17438786	C	-0.107
rs6680819	G	-0.0336
rs6681251	T	-0.0211
rs13373993	T	-0.0258
rs12026018	C	0.034
rs77101383	C	-0.0398
rs10157600	T	-0.0202
rs148737350	A	0.1296
rs7514841	A	0.0242
rs12028620	G	-0.0437
rs61827156	A	-0.0449
rs4659797	G	0.051
rs4908494	A	0.0757
rs17543217	A	0.0344
rs56242833	C	-0.0695
rs12754089	T	-0.0283
rs74877768	C	-0.0739
rs6686995	A	0.0361
rs79155102	A	0.1474
rs74436986	T	0.1808
rs75500872	T	-0.0942
rs76396758	A	0.1783
rs114732936	A	0.1434
rs17729519	C	0.0485
rs116687082	T	-0.0607
rs3007681	T	0.0205
rs11119306	A	-0.0227
rs111491476	T	-0.0907
rs79811444	T	-0.0843
rs6696105	T	-0.0234
rs12139208	T	0.0207
rs9727869	G	0.0531
rs1021378	A	-0.0199

rs12403407	T	-0.0491
rs9803636	A	-0.0564
rs61818071	C	0.0819
rs74801802	T	0.1453
rs708767	C	0.0207
rs138040686	A	0.0723
rs61786473	A	0.1169
rs1759120	G	0.0355
rs3795492	T	0.0555
rs7537833	C	-0.0219
rs72683606	C	0.0308
rs17458522	G	-0.0359
rs1822702	T	-0.0831
rs144839186	A	-0.0645
rs141970057	T	-0.1337
rs1223766	C	0.0416
rs10737808	G	0.0221
rs1832533	T	0.0395
rs79908495	T	-0.0751
rs146931662	C	-0.1248
rs12042284	C	-0.0354
rs10917192	G	-0.0244
rs61777073	A	-0.1066
rs12122818	C	0.0618
rs55686019	C	-0.0438
rs116807456	G	-0.0709
rs12027261	A	0.0649
rs72709816	T	0.0896
rs56259076	T	-0.0948
rs12139291	C	0.1484
rs2884837	A	0.057
rs12125725	G	0.0338
rs16847812	A	-0.0283
rs11584330	A	-0.0239
rs7551615	A	-0.0288
rs1057301	C	0.0201
rs61831560	T	-0.0593
rs10926256	G	-0.0212
rs2493283	C	-0.0374
rs6424106	T	-0.0378
rs4660941	C	-0.0251
rs12568375	T	0.0565
rs11265416	G	-0.1273
rs61740826	A	0.1288
rs113910879	T	-0.0876
rs61811419	G	-0.0336
rs6668240	G	-0.0339

rs115755338	C	-0.0977
rs140656799	A	0.1136
rs10917031	G	-0.0307
rs6659400	A	0.0222
rs66715895	A	0.0243
rs56214939	C	-0.0648
rs1288490	T	0.0941
rs10874104	A	-0.1256
rs12758106	C	0.0383
rs115570583	A	-0.0786
rs146351710	G	0.088
rs74226128	C	-0.0305
rs12725239	T	-0.07
rs7515484	G	-0.0504
rs77869559	C	-0.0238
rs11588539	C	0.0283
rs913426	G	0.0204
rs9659595	C	-0.1533
rs6657188	C	-0.1451
rs61800631	T	-0.1
rs66778594	T	-0.0399
rs74487756	T	0.0255
rs259593	T	-0.0896
rs116609924	C	0.1571
rs72691491	C	-0.0319
rs146401699	T	0.0547
rs4658371	G	0.0301
rs142999283	A	-0.1323
rs2257749	G	-0.0246
rs6657499	C	-0.0482
rs74728441	G	-0.0745
rs7532686	C	-0.0217
rs2281164	G	0.0216
rs319988	T	0.0206
rs1454856	A	0.0448
rs71673444	T	-0.0891
rs35792769	T	-0.027
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rs4648883	T	-0.0207
rs9436797	A	0.0281
rs3866238	T	-0.0552
rs7529857	G	-0.0481
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rs17514537	C	-0.0833
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rs75125778	C	-0.167

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rs75367843	T	0.1062
rs138791347	T	-0.1713
rs11803234	T	0.0738
rs115668283	C	-0.0601
rs111554564	C	-0.1164
rs77921921	A	0.0797
rs12142526	T	-0.0325
rs4620530	T	0.0354
rs116444243	C	0.1883
rs11162487	C	0.0436
rs11165453	G	-0.0232
rs55733430	A	0.0809
rs145833654	T	-0.1232
rs2769272	G	-0.0691
rs1359289	G	0.0236
rs35577946	C	-0.0313
rs12126185	A	-0.0505
rs72721068	C	-0.1867
rs540610	C	-0.0767
rs77875838	A	0.082
rs78382310	T	0.0936
rs72704277	C	0.0689
rs560082	C	0.0202
rs1343987	T	-0.0278
rs1534948	T	-0.0269
rs75379256	T	0.0511
rs35512110	A	-0.0628
rs78066772	G	0.1052
rs6702300	A	-0.0269
rs629807	C	0.029
rs74400511	T	-0.0601
rs12407714	C	0.0338
rs61766381	T	-0.0301
rs12135468	A	-0.0376
rs607355	C	-0.0957
rs67696801	T	0.0597
rs115099008	T	-0.0611
rs144756435	A	0.1743
rs12071970	G	-0.0395
rs147774007	A	0.0866
rs78423469	A	0.1343
rs116515973	C	0.0851
rs7526719	T	0.1577
rs76069988	A	0.0437
rs72742537	T	-0.0506
rs7525450	C	-0.0328

rs141112816	G	-0.0869
rs4949315	A	0.0285
rs74900687	C	-0.1082
rs79537839	T	-0.0525
rs77545263	T	0.1144
rs12040773	A	0.1109
rs139415758	C	-0.1917
rs61804751	A	0.0482
rs72735232	G	0.0819
rs61781590	G	-0.1034
rs61821563	C	-0.0675
rs996936	G	0.0217
rs116127417	A	0.0955
rs12145831	A	0.0808
rs74124210	G	-0.0495
rs12566096	T	0.0241
rs9428844	T	0.0275
rs10799705	G	-0.0266
rs115332211	G	-0.1114
rs1216903	A	0.0256
rs77202239	A	-0.0657
rs77518985	G	0.0862
rs1125952	G	0.0203
rs11118658	T	0.0344
rs3860315	T	0.032
rs2456909	T	0.043
rs114574226	T	-0.1315
rs715643	T	-0.0658
rs115824358	A	-0.1754
rs1556500	T	0.1232
rs11121627	C	0.0264
rs61787824	C	0.0328
rs77915002	G	-0.0452
rs75757864	T	0.1457
rs115362521	T	-0.1051
rs77421779	A	-0.1557
rs56142141	A	0.116
rs41277624	A	-0.062
rs1039871	C	-0.0279
rs1490311	A	0.0272
rs140026782	A	-0.1055
rs9730431	A	0.0344
rs115104948	A	-0.1196
rs74973423	C	0.0451
rs139650989	G	-0.0768
rs138648675	G	0.1147
rs17533859	T	0.0539

rs145301188	A	-0.1334
rs144397599	A	0.0705
rs61788416	T	0.0317
rs78450863	T	-0.1066
rs12048515	G	0.0215
rs78873558	T	0.0835
rs1883576	C	0.0285
rs76592192	C	-0.0485
rs114514211	T	-0.1074
rs114530864	T	-0.106
rs584158	A	0.0304
rs883106	G	0.0695
rs75293189	A	0.1339
rs17013363	G	-0.0302
rs78358049	C	-0.086
rs4846194	A	0.0208
rs532075	T	-0.0223
rs137898851	A	0.0844
rs12747722	G	-0.1007
rs4648524	G	-0.0241
rs17107831	T	-0.0492
rs115790254	T	0.0554
rs4522021	C	-0.0299
rs71670822	C	0.0451
rs7540998	C	0.0207
rs77061391	C	0.0496
rs12031991	C	-0.0573
rs114909049	A	0.0649
rs12729855	C	0.0619
rs138026259	C	-0.0915
rs2228552	G	-0.0212
rs10875130	T	-0.0317
rs78278355	C	-0.11
rs75393128	G	0.0683
rs61814887	T	0.1232
rs9431945	G	0.0294
rs112300525	T	0.0291
rs10909822	C	-0.0841
rs78909375	T	0.0877
rs113934920	A	-0.0444
rs17600871	A	-0.1006
rs115290200	A	-0.0523
rs9430369	C	-0.0255
rs61765796	C	-0.021
rs74616455	T	-0.109
rs150809075	T	0.1191
rs2151567	A	0.0507

rs1217390	C	-0.0213
rs16844620	T	-0.0335
rs11806418	C	0.0364
rs12407607	G	-0.039
rs76948530	A	0.0756
rs4598489	T	-0.0362
rs144411880	T	-0.1011
rs138513508	A	-0.1248
rs10925436	C	0.0265
rs11118029	A	-0.0365
rs41270153	A	0.0639
rs2870447	T	-0.056
rs11588492	T	-0.0523
rs79338294	A	-0.0571
rs115783895	T	0.1516
rs859119	T	0.1146
rs7515000	T	0.0314
rs41265179	T	0.0568
rs3936939	G	0.0204
rs112309063	A	-0.0369
rs17421120	T	0.0347
rs7535953	A	-0.0196
rs4649424	C	0.0266
rs11590465	G	-0.0533
rs116244409	C	-0.0756
rs78848221	G	0.0291
rs6658411	G	0.0212
rs115968559	C	0.0699
rs12095445	A	-0.0263
rs72762889	G	0.0374
rs12404746	C	-0.1636
rs114321214	C	-0.1369
rs7548834	T	-0.0257
rs41289749	G	-0.0457
rs1038980	C	0.0221
rs12045298	T	0.0233
rs12128325	A	-0.0239
rs9435825	C	-0.0255
rs80293392	T	0.0802
rs116443093	C	0.1272
rs75593213	T	0.0859
rs7538066	G	-0.0296
rs1551332	G	0.1172
rs61818270	G	0.0404
rs72739408	A	0.1504
rs12139117	G	-0.0239
rs77619748	C	0.0823

rs146431287	A	0.0977
rs75482876	G	0.0721
rs12126965	C	0.0444
rs72629592	A	0.0442
rs55842950	C	-0.0234
rs141586394	G	-0.1064
rs61825139	A	-0.0296
rs2618719	A	-0.0612
rs56396724	A	0.073
rs11804707	G	-0.0456
rs11589038	G	-0.0323
rs142169857	A	0.1019
rs6691760	C	0.037
rs12405503	G	-0.0659
rs12119878	G	0.0215
rs115345471	T	0.0748
rs4143111	A	0.0431
rs2232982	T	-0.0832
rs61783714	A	-0.0595
rs16851999	A	0.0285
rs11590076	A	-0.022
rs12026577	G	0.1263
rs6700550	A	-0.0739
rs78032581	G	-0.1292
rs113003311	G	-0.042
rs6426039	G	-0.0215
rs113485362	A	-0.128
rs147598739	A	0.0912
rs6703183	C	-0.0217
rs6680892	C	0.112
rs77692133	T	0.0927
rs114978107	A	0.1498
rs115162787	C	0.0983
rs9628692	A	-0.0286
rs113042236	A	0.0602
rs71644124	C	-0.1162
rs74644581	T	0.0874
rs61825546	C	-0.1046
rs12139298	C	0.0209
rs4411129	C	0.0288
rs9333458	C	-0.1049
rs602009	G	-0.0654
rs12405218	A	-0.0962
rs10927028	G	0.0242
rs34547005	T	-0.1671
rs111618302	T	-0.0528
rs6681586	A	0.0295

rs12033578	C	0.0616
rs4660273	T	-0.0611
rs71652555	T	-0.0652
rs11207551	G	0.0514
rs77137720	A	-0.0879
rs9660420	T	-0.025
rs472940	C	-0.0214
rs640714	T	0.079
rs6680363	C	0.0273
rs145187746	A	-0.0688
rs76577375	C	0.1257
rs1151659	T	0.0289
rs606980	T	0.0319
rs141398519	A	0.1141
rs61784826	T	-0.0912
rs35172229	A	-0.0623
rs144698733	G	0.1744
rs61818933	T	0.0892
rs115791494	G	0.0871
rs74796905	T	0.0472
rs11163648	C	0.0203
rs4950341	A	0.0287
rs75528265	C	0.1401
rs148177109	T	-0.0869
rs115414536	T	0.0402
rs72711758	A	-0.0323
rs74660142	A	-0.1701
rs10911100	A	-0.0251
rs115253739	T	-0.0677
rs114014717	G	-0.0342
rs61773743	G	-0.0714
rs12120086	A	0.0578
rs75453572	A	0.0975
rs1027422	A	-0.0401
rs7515558	T	-0.0244
rs115023814	C	0.1347
rs17259450	C	0.0455
rs116422505	A	-0.1257
rs7354947	C	0.02
rs146501361	C	0.0684
rs7541874	A	-0.033
rs11119159	T	-0.0265
rs523125	G	0.0235
rs57719052	G	0.0757
rs115018569	A	0.0464
rs146177580	A	0.1123
rs6687015	T	0.0208

rs12098170	C	0.0332
rs77301916	G	0.0522
rs11207129	A	0.0216
rs66958136	G	-0.0216
rs1359180	G	0.0239
rs114021317	T	0.1437
rs17344593	C	-0.0648
rs1894654	C	-0.0213
rs2245743	A	-0.0203
rs9431654	A	0.0574
rs10927745	A	-0.024
rs114941157	T	0.1192
rs6673614	T	-0.0258
rs6664038	T	-0.0702
rs114428013	T	-0.0806
rs34568611	T	0.0412
rs59864109	A	0.068
rs112236778	T	0.1298
rs2500286	G	-0.0245
rs6676840	T	-0.0211
rs12410081	C	0.0349
rs75002530	T	-0.0721
rs2483246	G	0.0393
rs2817594	G	0.0762
rs114648887	A	-0.0599
rs6704130	T	-0.0353
rs60296374	A	-0.0481
rs75583932	G	0.0842
rs114811055	G	0.1026
rs10798419	C	0.0446
rs72750647	C	-0.0848
rs139861931	G	0.0946
rs12128770	G	0.0232
rs2494470	T	0.02
rs56396837	C	-0.1266
rs11586595	T	0.1318
rs7554580	A	-0.0286
rs76355164	A	0.137
rs7528786	G	0.0249
rs114308493	A	0.1266
rs71630621	A	0.1378
rs12121068	C	0.1207
rs11581627	A	0.0668
rs2281167	A	0.1387
rs72663193	A	-0.0917
rs7528517	G	-0.0889
rs145722541	G	-0.1816

rs2255866	G	-0.1068
rs12141775	G	-0.027
rs17377079	A	0.0342
rs56744813	C	-0.0545
rs76970780	T	-0.0966
rs116466831	A	0.1265
rs1857070	G	-0.0206
rs6428945	A	0.024
rs77962384	G	-0.105
rs114423152	C	0.0742
rs6604129	G	0.0245
rs6661974	G	-0.0372
rs2143808	A	-0.0303
rs148644936	G	-0.069
rs12026370	A	0.0322
rs75570642	T	0.0718
rs12085930	G	0.025
rs149231934	T	0.0723
rs112785647	A	-0.1617
rs1094361	A	-0.0938
rs60830083	C	0.0365
rs12080004	A	0.0485
rs7554273	G	-0.0839
rs76514451	G	-0.0371
rs112388174	C	-0.1271
rs28360422	C	0.1362
rs34563685	A	0.05
rs2799097	A	0.0303
rs60016752	A	0.1082
rs12405928	C	-0.0231
rs11576345	G	-0.0418
rs11165995	A	0.0208
rs1325957	C	-0.0426
rs926551	A	0.0262
rs115486753	C	0.062
rs11585947	T	0.0399
rs79114203	T	0.0768
rs6677648	T	0.0252
rs116218145	G	-0.1731
rs2039175	A	0.0246
rs61771984	G	0.0503
rs113672899	A	0.1162
rs72689714	A	0.067
rs1213767	C	-0.0271
rs2182604	A	0.0281
rs11589473	A	0.1348
rs9660931	C	0.063

rs1534962	A	0.0226
rs112192342	A	0.0514
rs271392	T	-0.027
rs147861184	G	-0.0843
rs2301488	T	0.0201
rs143967904	A	-0.0998
rs6695915	G	-0.0389
rs114483936	A	0.0989
rs3008206	T	-0.0315
rs4488081	T	0.0212
rs111436817	T	0.0886
rs12401540	A	-0.0226
rs115027058	A	0.1589
rs28562774	G	0.0299
rs61769176	C	-0.0548
rs11589373	G	-0.0277
rs1592072	T	0.0203
rs74483561	A	-0.0258
rs7524749	A	0.0269
rs7517008	G	0.1156
rs41310138	A	-0.0812
rs116631146	A	0.0609
rs11185283	G	-0.0219
rs10429882	C	-0.0423
rs80210845	C	-0.0671
rs10910081	A	0.0439
rs1203704	G	-0.0289
rs10799076	T	0.0617
rs12032616	G	0.023
rs10736428	C	0.0315
rs79184370	T	-0.1032
rs366912	C	0.1317
rs16854559	G	-0.0256
rs13374255	G	0.0807
rs74510493	C	0.0875
rs11583893	A	-0.0361
rs55660334	A	0.1184
rs4659911	A	-0.0299
rs12060780	G	-0.0209
rs12075109	C	0.033
rs12724735	C	-0.0838
rs79138682	G	0.1327
rs1341910	C	0.0438
rs148345404	C	0.1055
rs78807162	T	-0.0991
rs17105403	A	0.0293
rs61766954	C	0.0936

rs74587404	G	0.0783
rs72749732	A	0.1279
rs4908733	T	-0.0287
rs56809328	C	-0.0709
rs34475455	A	0.0759
rs17541875	A	-0.0663
rs10495392	C	-0.0303
rs138765843	C	-0.147
rs495937	G	-0.0375
rs1616083	C	-0.0199
rs60048327	T	0.0318
rs12039225	C	-0.0352
rs146565683	C	0.0958
rs77538350	C	0.1085
rs78876846	C	0.1424
rs145144709	A	0.0327
rs709794	A	-0.0194
rs61815115	G	-0.0446
rs72895329	A	-0.0281
rs139828520	G	-0.2256
rs143266317	C	0.0534
rs116255288	C	0.1771
rs12141090	G	0.021
rs72718500	G	-0.037
rs77972390	A	-0.0884
rs71636380	A	-0.108
rs12064907	G	-0.0334
rs10913929	T	0.0774
rs16855093	T	0.0483
rs923824	T	0.0238
rs12025938	G	-0.044
rs12404457	T	0.0217
rs28616647	A	0.0462
rs75977446	A	-0.0821
rs74143247	A	0.0437
rs12024106	C	0.1101
rs2996295	A	0.0197
rs34437895	A	0.0814
rs147882514	T	-0.1584
rs2982847	T	-0.0207
rs3789411	A	0.0207
rs757770	T	-0.0367
rs13313060	T	0.0657
rs369427	G	0.02
rs7530037	T	-0.0251
rs2808020	T	-0.0248
rs11808495	A	0.0273

rs75480123	C	-0.169
rs17665257	G	-0.0597
rs78132925	C	-0.1193
rs12117566	T	-0.0313
rs10915317	C	-0.0216
rs517993	A	-0.0199
rs1058276	A	0.0205
rs78516619	G	0.093
rs115174236	A	0.0991
rs16845078	C	0.0493
rs12059662	T	-0.0788
rs10863294	A	0.0505
rs4920532	G	-0.0381
rs79915389	G	0.1084
rs1795040	G	0.0197
rs482697	C	0.0263
rs138533256	A	-0.0465
rs72678824	C	-0.0612
rs78510461	A	-0.1576
rs61813265	A	-0.0732
rs10911496	C	-0.0264
rs12141421	G	0.0391
rs11165439	G	-0.0197
rs78577673	T	0.1253
rs11590819	A	0.0479
rs116632796	T	0.082
rs61818177	T	0.038
rs12077177	A	-0.0932
rs7540760	C	-0.0252
rs114247478	T	0.0488
rs6698308	G	-0.0354
rs34395095	T	0.0514
rs17663538	A	-0.0978
rs7526117	C	-0.0248
rs878201	A	-0.0225
rs10492995	C	-0.033
rs7535074	T	0.0259
rs34729766	G	0.0293
rs6587382	G	0.0246
rs115523211	A	-0.1052
rs72747335	G	-0.0551
rs35758554	T	-0.0946
rs712026	C	0.02
rs151710	A	0.0216
rs61815118	C	-0.0223
rs74085807	A	0.0312
rs3123711	C	0.0246

rs1332957	A	0.0647
rs147331394	A	-0.1389
rs6678044	A	0.0297
rs6672745	T	0.0307
rs1697621	C	0.0457
rs141802054	T	0.1315
rs2804694	A	0.0201
rs77503684	A	-0.1506
rs4912301	T	-0.0336
rs6704270	A	-0.0402
rs1812389	C	-0.0451
rs80081023	T	0.0729
rs114948074	T	-0.0414
rs113690547	G	-0.0469
rs145338054	T	-0.1257
rs11577388	C	0.0373
rs115653819	A	-0.1263
rs148868307	T	-0.11
rs703805	C	-0.0229
rs74686417	A	0.0716
rs2811208	T	-0.1083
rs79479105	T	-0.0566
rs61837881	C	0.0251
rs115438646	A	-0.0895
rs143476351	T	0.1047
rs146624379	G	0.1495
rs6425203	C	0.0224
rs138075061	A	0.1037
rs2776747	C	0.0258
rs6662915	C	-0.0201
rs72665659	C	-0.0345
rs17394875	T	-0.0787
rs12145396	A	-0.0232
rs17602889	A	0.0906
rs34494178	G	0.0985
rs148451576	G	0.1855
rs116676629	A	0.0659
rs2807863	G	-0.0197
rs76209575	T	-0.143
rs79785899	G	0.0722
rs76335573	T	-0.0745
rs78421006	G	-0.1362
rs4460649	G	0.0194
rs17427572	T	0.0394
rs6664405	T	-0.0447
rs55681828	T	0.0452
rs12035717	T	-0.0192

rs10737335	T	-0.0323
rs144659965	T	-0.1035
rs79414984	A	0.1081
rs6665962	A	0.0271
rs139038638	T	-0.0277
rs6700575	G	0.0267
rs1152832	T	-0.0214
rs12126746	C	0.1156
rs114939198	A	-0.074
rs1475736	C	-0.0424
rs148031783	A	0.0742
rs58064771	A	-0.0358
rs116832904	T	0.0984
rs71652413	C	-0.097
rs41289402	G	-0.0487
rs1340689	T	-0.0192
rs7541956	A	-0.0271
rs77153384	T	0.064
rs78506564	A	0.0768
rs78452867	A	0.028
rs61832410	C	-0.1025
rs1204875	T	0.0539
rs1361818	A	-0.1042
rs6690144	A	-0.0294
rs1321156	G	0.028
rs2799549	T	0.0197
rs141235262	A	0.1593
rs3766364	G	-0.0368
rs2076357	T	0.0216
rs12727038	C	-0.0287
rs12725541	A	0.0924
rs114077967	G	-0.0511
rs4845636	A	-0.0253
rs78411938	A	0.0943
rs12733702	A	0.0669
rs9661996	A	-0.0264
rs56163035	T	0.0385
rs704842	T	-0.0298
rs12029460	C	-0.0319
rs115777381	G	-0.0537
rs565916	A	0.0238
rs55807390	A	0.1306
rs139813743	A	-0.1027
rs116598043	A	0.1772
rs2249733	T	-0.0303
rs78583815	G	0.0598
rs6676972	T	0.0236

rs75836442	T	-0.0676
rs61775147	C	-0.1625
rs1062445	A	0.0224
rs12140724	C	0.0893
rs1186685	G	-0.0209
rs72744493	A	0.0823
rs80205519	A	-0.0495
rs115358214	A	0.054
rs138551795	G	-0.1905
rs116733293	G	0.0919
rs12033806	T	0.0235
rs141714452	G	0.1498
rs12133826	A	0.0796
rs74574624	A	0.0334
rs904064	A	0.0209
rs77718802	T	-0.0985
rs7527716	C	0.0205
rs61775127	G	0.0603
rs74322246	T	0.0974
rs140851668	A	0.0847
rs144288008	A	0.0934
rs12032041	T	0.0255
rs12137551	T	0.1447
rs7513957	G	-0.038
rs9730012	C	0.0242
rs77459805	T	0.0368
rs11119837	G	0.035
rs139577932	A	0.0345
rs4660121	G	0.0296
rs144204001	T	0.0255
rs116141616	A	-0.1395
rs4657017	C	-0.0203
rs12093904	C	0.0303
rs79258751	C	0.0765
rs4908837	A	0.0949
rs2293915	A	-0.0263
rs77101419	A	0.0961
rs142769687	A	0.131
rs75148473	C	0.0608
rs138361368	A	0.0956
rs116332846	A	0.0964
rs11572744	C	0.0682
rs4317829	C	-0.0224
rs10888917	C	0.0204
rs114461997	C	0.0779
rs7547721	A	-0.0578
rs78403358	C	0.131

rs140094357	C	-0.0561
rs74150348	C	-0.0497
rs75462845	C	-0.0792
rs79916150	T	-0.0568
rs1331056	C	-0.0221
rs72657226	T	-0.0427
rs12031690	T	-0.0225
rs113154528	C	-0.0881
rs116319961	G	0.146
rs111434655	C	-0.0837
rs2243198	G	0.1461
rs2746558	A	0.0238
rs12564969	A	-0.0481
rs6425143	G	-0.0233
rs141027609	G	0.0336
rs9324187	T	0.0201
rs72741789	C	0.0425
rs114155758	A	-0.0841
rs74476754	T	-0.0527
rs79949009	C	0.0611
rs2245116	G	0.0346
rs35200459	G	-0.022
rs875326	T	0.0261
rs116142120	A	0.1091
rs1252131	G	-0.0931
rs148796891	T	-0.0846
rs12041053	G	-0.1298
rs115578936	C	-0.0586
rs77886791	A	0.0502
rs72716971	A	-0.1504
rs9787289	A	-0.0294
rs17160059	G	-0.1103
rs144597972	T	0.0864
rs61758105	T	-0.0888
rs115313790	T	-0.1201
rs74067906	T	0.0748
rs17128732	C	-0.1119
rs75305802	C	-0.1402
rs61778188	A	0.0775
rs2984691	T	0.0408
rs41273521	G	-0.0923
rs112360961	A	-0.0941
rs116800975	A	-0.0555
rs657097	C	0.0359
rs35171095	G	0.0303
rs10927144	T	-0.0205
rs58713859	G	-0.0413

rs56277150	T	-0.0489
rs10910394	A	0.0373
rs12030995	T	-0.0461
rs115108347	C	0.0608
rs61786528	C	-0.074
rs151060947	A	0.0907
rs79056692	T	0.0638
rs10908367	C	0.0268
rs112440771	T	0.1636
rs12069629	A	0.055
rs2774281	T	0.0305
rs12121608	T	0.0274
rs115445222	A	-0.0812
rs12145555	C	-0.0191
rs144826988	A	-0.0852
rs7526959	C	0.0339
rs17615698	C	-0.0254
rs144654999	G	0.0971
rs145614126	G	-0.1155
rs114294944	T	0.1068
rs7531057	C	-0.0951
rs3768393	T	0.0741
rs57749080	T	-0.0341
rs75310321	T	-0.1263
rs114525110	G	0.1339
rs76390929	A	0.0994
rs41268769	C	-0.0707
rs71652521	T	-0.1219
rs2793675	G	0.024
rs7539113	C	0.027
rs75282098	A	0.0732
rs72654834	C	-0.1063
rs55821293	T	0.0396
rs75049182	G	0.1434
rs10918700	A	0.0294
rs77222254	C	0.0662
rs113588001	A	-0.1606
rs114313858	A	0.1937
rs58473580	A	0.1407
rs9727651	T	-0.0389
rs111998519	G	-0.033
rs72718728	C	0.1064
rs74652737	A	-0.0965
rs77779101	T	-0.0469
rs142623637	T	-0.0917
rs12123654	G	-0.0969
rs7544464	T	0.0274

rs34187779	G	-0.0239
rs12744444	A	0.0259
rs56363622	A	-0.027
rs10911687	G	-0.1098
rs56013973	C	0.1245
rs2503227	G	-0.0939
rs7544975	G	0.0271
rs114746071	G	-0.096
rs11587163	C	0.1121
rs12739671	A	-0.04
rs11582354	A	-0.0716
rs10915660	C	-0.02
rs113166744	G	0.0519
rs1750810	G	-0.0189
rs150859230	T	0.0866
rs60654223	G	0.027
rs79258950	G	0.0783
rs2818812	G	-0.0207
rs137946352	G	-0.1353
rs2992756	T	0.0187
rs7522095	T	-0.1026
rs61782737	A	0.0233
rs2070929	C	0.0214
rs61802252	T	-0.0999
rs12735211	A	-0.0552
rs72736376	T	0.0448
rs10495085	T	-0.0424
rs9729637	T	0.0389
rs12139365	T	-0.0905
rs138202342	T	0.1111
rs11209761	T	-0.0187
rs11583070	G	-0.0369
rs147370106	A	-0.128
rs111482076	G	0.0798
rs111634660	C	-0.0733
rs12045693	A	-0.0202
rs78666072	C	-0.0857
rs78685491	T	0.0765
rs11808963	T	-0.039
rs1180317	A	0.0221
rs5744367	T	-0.0327
rs115137072	A	0.0802
rs17353785	T	0.0861
rs601139	G	-0.024
rs1690786	G	0.0778
rs4653421	A	0.0268
rs3905206	T	-0.0208

rs77106390	C	0.1085
rs10918196	C	-0.0199
rs6660116	C	0.0193
rs78385509	T	-0.0483
rs74344091	A	0.0665
rs6701721	C	0.0234
rs12566144	G	0.0402
rs145987851	C	-0.1153
rs113665318	A	-0.0387
rs78727537	A	-0.0846
rs78452454	A	-0.03
rs11804210	C	-0.0538
rs7529429	C	-0.0477
rs2788096	T	-0.0375
rs7418357	A	0.021
rs11589934	G	-0.0211
rs11577907	T	-0.0242
rs144430042	C	-0.1154
rs79552656	A	0.132
rs139054054	C	0.1555
rs111228597	T	-0.0874
rs2275552	T	-0.0214
rs114028188	C	0.0963
rs1568812	A	-0.03
rs28652656	A	0.0393
rs164775	A	0.0201
rs115435856	G	0.1323
rs73097405	A	-0.0647
rs12411066	C	-0.0367
rs115008170	A	-0.1187
rs1997034	T	0.023
rs1538472	G	-0.0209
rs1591425	A	0.0218
rs12034064	C	-0.0307
rs11583958	A	0.0632
rs12142410	G	0.0254
rs7520090	A	0.0412
rs116032601	C	0.1679
rs11585386	T	-0.0426
rs4846032	C	0.0218
rs116788756	A	0.1592
rs34246004	T	0.061
rs11120955	G	-0.0205
rs7527843	G	0.0284
rs76716906	A	0.0522
rs9428802	G	0.0247
rs61765039	A	0.026

rs741994	A	0.0514
rs116077122	G	-0.095
rs78990407	G	-0.0631
rs34352050	T	0.0604
rs12143186	C	0.03
rs151123467	C	-0.0682
rs12723730	G	-0.0402
rs115833204	C	-0.0576
rs149251635	C	-0.0781
rs2275490	G	0.0241
rs343792	C	0.02
rs113510546	C	-0.1857
rs56394573	T	0.0551
rs77271825	T	-0.1434
rs150788125	T	0.1042
rs76556961	C	0.1003
rs72656078	T	-0.127
rs74353361	A	-0.0293
rs6428572	C	0.0439
rs75015832	G	-0.1322
rs148701056	T	0.0772
rs4659999	T	-0.0278
rs17319708	G	-0.026
rs74121213	A	0.08
rs12130136	A	-0.0224
rs78204531	T	0.0497
rs6429564	T	0.0242
rs11807161	T	-0.0266
rs74690510	T	0.063
rs147474835	T	0.053
rs2784164	C	0.0225
rs77631878	A	-0.1395
rs116401702	T	0.0709
rs115822551	A	0.0939
rs1442503	T	0.0195
rs111940686	T	0.0774
rs944925	T	-0.0228
rs17127877	C	-0.0345
rs3789398	G	0.0206
rs17124513	T	0.0322
rs2454228	T	0.022
rs79958746	A	-0.0469
rs72745867	A	0.0832
rs6703930	C	-0.0218
rs115648615	T	0.1493
rs74798953	G	-0.098
rs72769805	T	0.024

rs12034261	T	-0.0216
rs2185282	T	0.0295
rs12048158	T	0.0235
rs139104615	T	0.127
rs12758611	G	-0.0288
rs116375719	A	0.0959
rs11209849	G	0.0996
rs12130227	A	0.0857
rs72745639	A	0.102
rs78205142	T	-0.0923
rs115656545	A	-0.1164
rs139864331	A	0.1105
rs1156845	C	0.0277
rs944708	A	0.0268
rs2794500	T	0.02
rs6426897	A	0.0231
rs114445863	T	0.1111
rs16848158	C	0.0511
rs114102876	T	-0.1133
rs35157790	C	-0.0345
rs76599916	C	-0.043
rs2118101	G	0.052
rs12033923	C	0.0422
rs12735246	T	0.0513
rs12145607	T	0.0241
rs7527268	C	-0.0199
rs598193	A	-0.0283
rs713322	G	-0.0853
rs74137004	A	0.0782
rs74709547	A	0.0856
rs12079493	C	0.0482
rs1048773	T	-0.05
rs9442228	T	-0.028
rs2811850	C	0.0478
rs1483784	C	0.0251
rs74892130	A	0.1155
rs6685692	T	0.1222
rs143332381	C	-0.0963
rs115722628	T	-0.0973
rs696692	T	-0.0201
rs77134701	C	0.1191
rs45614438	T	0.1402
rs72938196	T	0.083
rs10873845	A	-0.0628
rs146750376	C	-0.0702
rs12145764	G	0.0715
rs59367185	A	0.0381

rs114728834	C	0.0633
rs476153	C	-0.0299
rs61768878	C	0.1245
rs72904848	A	0.0483
rs61805604	C	-0.0787
rs79024265	C	-0.0395
rs2064075	C	-0.024
rs11803770	T	0.0268
rs10913099	A	-0.0193
rs72744446	C	0.057
rs11805033	C	-0.0228
rs320027	T	-0.0277
rs351598	A	-0.0324
rs10903024	C	-0.0265
rs116034016	G	-0.15
rs12142973	C	-0.0731
rs116060042	T	0.0973
rs79108739	A	0.1481
rs12130073	A	0.0573
rs79571786	A	0.0998
rs75303190	C	-0.0897
rs138132320	A	-0.1337
rs11120695	T	-0.0196
rs6667736	G	-0.0212
rs77674375	C	-0.0821
rs78814315	T	-0.0547
rs581878	C	0.0218
rs625456	T	-0.031
rs12040674	G	0.0281
rs12139096	G	0.051
rs10158091	T	-0.0665
rs145243360	T	0.174
rs75862910	G	0.0889
rs112141534	C	-0.0224
rs75185976	C	0.1322
rs150433480	T	0.1162
rs138345018	T	0.0964
rs841670	A	0.0226
rs151028231	T	-0.1782
rs114952100	T	0.1073
rs150179636	G	0.0724
rs1245488	C	-0.0447
rs74353115	T	-0.1187
rs112662973	T	-0.1593
rs17456252	C	0.0198
rs12138026	C	-0.0358
rs41312662	G	-0.0785

rs75172480	G	0.0664
rs78511939	T	0.0497
rs112176562	T	-0.0989
rs115925348	C	-0.1097
rs72744305	C	-0.0484
rs75247924	T	0.0438
rs6698827	G	-0.0233
rs11806607	A	-0.0314
rs75686747	T	0.0472
rs859101	T	0.0198
rs11264575	A	0.1032
rs1229351	T	0.0249
rs79644588	A	0.1152
rs12139725	A	-0.0231
rs72683237	A	-0.1658
rs6695790	G	0.0201
rs337139	A	-0.0211
rs9286977	A	-0.0237
rs4650590	G	0.0203
rs77845029	A	0.0911
rs74760869	C	0.0435
rs1220394	A	-0.0248
rs4908329	C	-0.0199
rs114381381	A	-0.0647
rs1203657	T	0.0198
rs12239499	C	0.0287
rs60800969	C	-0.0263
rs117362208	T	-0.0613
rs11584720	A	0.0321
rs3789712	A	0.0194
rs6671964	G	-0.0226
rs61771949	T	-0.0426
rs67013011	C	-0.0501
rs111336761	T	-0.0647
rs115710272	G	-0.0792
rs108406	C	0.0246
rs6577383	T	-0.0207
rs16849085	A	-0.0335
rs55716851	G	-0.1384
rs11121628	A	0.0887
rs72884439	C	0.1099
rs780573	A	0.0441
rs74422919	A	-0.1082
rs80175630	T	0.1899
rs1495238	A	-0.1117
rs75336495	C	0.0992
rs12564010	A	-0.1026

rs7519888	G	-0.0776
rs10489911	T	-0.0356
rs17429262	T	0.039
rs72739668	G	0.0592
rs17045019	C	-0.062
rs77972946	T	-0.0261
rs139696708	A	0.0772
rs77440194	T	-0.0976
rs116763181	T	-0.0859
rs114968204	T	-0.0557
rs903540	T	0.0228
rs2495491	G	0.022
rs55679046	G	-0.0295
rs6588566	C	-0.0194
rs72698169	C	-0.0279
rs78465132	A	0.0816
rs74142915	T	0.1183
rs80322391	A	0.0903
rs10218500	T	0.1639
rs16861481	A	-0.0387
rs6600266	C	0.0319
rs76149919	C	-0.1108
rs1266381	G	0.0282
rs116190983	C	-0.122
rs696118	G	-0.168
rs4839434	T	-0.0236
rs145454327	G	0.1411
rs114703587	A	0.0835
rs11161833	G	0.0274
rs79920297	A	-0.0766
rs6668579	C	0.1314
rs56906051	A	-0.0867
rs11578211	A	0.0428
rs1833049	T	0.0536
rs35072903	A	0.0352
rs114158224	G	0.0659
rs116363232	T	-0.1179
rs10911540	T	-0.0191
rs4319292	C	0.0957
rs11806776	T	0.1231
rs72762094	A	-0.0368
rs4391636	C	0.0196
rs4846094	A	0.1055
rs139157913	A	0.0749
rs10782748	A	-0.0236
rs4147831	A	-0.0393
rs17846714	T	0.0561

rs114717392	T	-0.121
rs11802039	C	0.0292
rs35176668	A	0.0489
rs74998084	G	0.0628
rs12568997	A	-0.0359
rs115212907	T	0.0928
rs7540455	C	-0.026
rs4654249	G	0.0983
rs17369290	A	0.0291
rs7531345	T	-0.0225
rs1444033	C	0.0198
rs3941102	T	-0.0197
rs2788089	G	0.0463
rs12409044	T	0.0819
rs7534855	T	-0.0217
rs6678978	T	-0.0216
rs74657704	T	-0.0673
rs142029530	C	-0.1516
rs11577142	C	0.0208
rs17534202	G	-0.0198
rs487974	A	-0.0276
rs75339918	C	-0.0965
rs6673027	T	0.0279
rs73076596	T	-0.0812
rs77062243	A	0.0487
rs61819968	A	0.0396
rs75543606	G	-0.0655
rs2282319	T	0.0192
rs114345109	T	0.1146
rs10889865	T	-0.0198
rs1237370	T	0.0275
rs114741713	C	0.0531
rs12740377	G	-0.0967
rs1084483	C	-0.0272
rs77927560	T	0.075
rs17099902	C	0.0717
rs11121853	G	0.0235
rs1149050	G	0.0266
rs12121666	A	0.0247
rs2501338	T	0.0247
rs12075997	T	-0.0365
rs61815033	T	-0.0664
rs6662230	C	-0.0191
rs78862694	G	0.0906
rs76373424	A	-0.0859
rs140742144	T	-0.0437
rs822838	T	0.055

rs10907185	A	-0.0212
rs12730752	T	-0.0229
rs16842420	G	-0.0412
rs761964	T	0.0293
rs263469	T	-0.0297
rs145397710	A	0.1464
rs72726344	C	-0.0742
rs4400663	T	0.0332
rs1299682	C	0.0256
rs1750824	G	0.0226
rs1407122	T	0.0186
rs12726652	A	0.0251
rs2300566	G	-0.0653
rs78891890	A	0.0358
rs75034120	A	-0.0888
rs76683466	T	0.0824
rs114528479	G	0.0998
rs55998423	G	0.0311
rs12040632	C	-0.0502
rs77612379	T	-0.0721
rs4644448	C	0.0374
rs72704586	A	-0.1167
rs72733118	A	0.0869
rs78071622	C	-0.1031
rs41415450	A	0.0413
rs16848493	T	0.0426
rs6690233	C	-0.0548
rs12022311	C	0.0466
rs76641503	A	-0.0331
rs35981899	C	-0.0219
rs35247258	T	-0.0938
rs78503503	G	0.0675
rs115990210	A	-0.1006
rs72686270	A	0.0587
rs141890185	C	0.0966
rs28887329	C	0.0371
rs1033867	C	0.0232
rs116558532	A	-0.1647
rs12123823	A	-0.0674
rs74495156	C	-0.1206
rs76500697	T	0.0424
rs58849746	C	0.0871
rs12120335	C	0.1059
rs77114688	T	0.0874
rs114369699	A	0.0928
rs113863763	A	-0.1202
rs149518661	T	-0.1526

rs146384346	T	0.1102
rs4274083	G	-0.0191
rs80262232	G	-0.0717
rs111570829	A	0.1065
rs12117452	A	0.022
rs115829737	A	0.1053
rs115586911	A	0.0978
rs12044183	G	0.0231
rs10801493	C	0.0185
rs72852607	T	-0.0299
rs11590135	A	0.0992
rs114566776	G	0.1219
rs905595	G	0.0224
rs80242678	T	-0.0672
rs3862238	T	-0.0616
rs116462431	G	0.1217
rs150945197	T	0.111
rs12407394	A	-0.0304
rs613976	A	-0.0191
rs2060385	T	-0.0195
rs1497840	A	-0.0205
rs1778198	G	0.12
rs138863615	A	0.0744
rs7535757	A	-0.0185
rs146357000	T	0.1174
rs910328	C	0.0292
rs6684716	T	-0.1115
rs113484846	G	0.142
rs79944397	G	-0.0489
rs78475749	C	0.0613
rs7520737	C	-0.0209
rs71641080	T	-0.043
rs12129711	T	0.0359
rs3818572	C	-0.0251
rs817972	G	0.0419
rs76627391	A	-0.068
rs35241254	T	0.021
rs149486658	G	-0.1235
rs115645029	G	-0.1347
rs1986455	G	0.0344
rs59595054	T	-0.0232
rs12034981	A	0.0311
rs114675436	A	0.0347
rs79868274	G	0.0839
rs4291556	C	-0.0544
rs115631260	G	0.059
rs865387	G	-0.0632

rs56346837	T	-0.0323
rs147321743	T	0.0819
rs60970333	T	0.0826
rs143129814	T	0.0913
rs3176874	G	-0.0287
rs149706870	A	0.1475
rs4653778	T	-0.0215
rs4658820	G	0.0258
rs6677287	T	0.024
rs9661800	G	-0.0434
rs116462451	A	0.0881
rs3101217	A	0.0531
rs115245089	A	0.0977
rs150208264	C	-0.088
rs77712090	T	0.0701
rs11184723	G	-0.0308
rs77210472	C	0.0412
rs11582094	T	0.0286
rs112766034	A	-0.0303
rs28359565	A	0.12
rs3766176	C	0.0248
rs12028226	A	0.0783
rs17030589	G	0.0915
rs35947490	A	-0.1068
rs140609555	C	0.0754
rs6587571	T	-0.0227
rs111916854	C	0.153
rs34342132	A	-0.0435
rs11240339	A	-0.0199
rs12116562	T	-0.0308
rs12041649	T	-0.0561
rs6695269	T	-0.0504
rs143332265	C	-0.1078
rs45615332	T	0.0217
rs115895412	A	-0.141
rs1340772	C	-0.0231
rs11164946	T	0.0272
rs116057917	T	0.0896
rs76196955	A	-0.0709
rs17425700	C	0.0869
rs77965356	T	0.0575
rs1152987	A	-0.0328
rs76549849	T	-0.0861
rs74928819	A	-0.0935
rs142099588	A	0.0906
rs78706263	A	-0.0517
rs11582071	G	-0.0224

rs1213511	T	0.0186
rs111964182	A	-0.0969
rs4839415	C	0.0746
rs75524224	C	0.112
rs1266384	G	0.0264
rs78417594	A	0.0513
rs9787299	T	0.0228
rs61750909	C	-0.1178
rs116562982	T	0.0895
rs144803643	A	-0.0739
rs61822049	G	-0.068
rs112509446	A	0.082
rs145540899	A	-0.0665
rs432803	A	-0.0245
rs78848255	T	0.0579
rs11264870	T	0.0209
rs2843494	C	-0.0478
rs61760690	T	0.0199
rs141314967	T	0.13
rs145344221	C	-0.0423
rs482490	A	-0.0477
rs7536401	C	0.0376
rs141931113	A	-0.1238
rs6604094	G	0.0901
rs75782790	A	0.0907
rs76891334	G	0.0703
rs11578424	C	0.026
rs78215810	A	0.0343
rs67989253	C	-0.0587
rs79727468	T	-0.0518
rs142364095	A	-0.1384
rs766157	A	0.0971
rs74885306	A	0.1067
rs77917670	C	-0.0499
rs459852	G	0.0983
rs17449243	C	-0.0383
rs150417082	G	0.1716
rs114790946	T	0.119
rs28651462	A	-0.0343
rs61774029	T	-0.0407
rs151252687	A	0.0847
rs61804400	G	0.0708
rs57644767	C	-0.0308
rs6697877	G	-0.0232
rs147841368	A	-0.1225
rs1029195	G	-0.0268
rs148414955	T	-0.0899

rs1166331	G	-0.0241
rs74900924	A	-0.0768
rs12402220	A	-0.0365
rs41285708	C	0.0393
rs114958511	A	0.0596
rs7541034	A	-0.0283
rs144032627	T	0.0931
rs190665477	G	-0.0544
rs3011925	A	0.0486
rs118033571	C	0.0718
rs77620733	A	0.0472
rs150429349	C	-0.0689
rs144684443	T	-0.1152
rs11240507	C	-0.0222
rs10916718	C	-0.0192
rs143934143	T	0.0835
rs75119704	T	-0.056
rs116411664	G	0.0737
rs6661363	C	0.054
rs12031184	A	-0.0629
rs142416877	C	-0.16
rs115593106	G	0.1126
rs55950540	G	0.053
rs149206910	C	-0.1219
rs79886306	T	0.1175
rs71510759	A	0.0566
rs10754915	T	0.0636
rs17257252	A	-0.0219
rs78110118	G	0.103
rs55662322	T	-0.1055
rs147414185	T	0.1729
rs1925034	G	0.0216
rs111849547	G	0.0323
rs16856269	C	-0.035
rs140575492	A	-0.0681
rs72858521	T	0.0611
rs61773681	T	-0.0795
rs12741964	A	-0.0262
rs35586449	C	-0.0334
rs72720201	A	-0.0596
rs12137063	G	0.0453
rs78904869	C	0.0617
rs114898368	G	0.0626
rs4646999	A	-0.0224
rs4243808	G	-0.0233
rs4907992	G	0.0233
rs115020582	C	-0.1153

rs4568811	T	0.0185
rs61820889	C	0.0404
rs1875646	C	-0.0209
rs10925864	G	0.0467
rs145488083	G	-0.1111
rs59861046	A	-0.02
rs77847499	A	0.0706
rs16847970	G	-0.0909
rs61460475	C	0.0376
rs17648708	T	-0.0535
rs2232646	T	0.0203
rs74700387	T	-0.0847
rs77265073	G	0.0959
rs4543864	T	-0.019
rs12063926	C	-0.0937
rs139269023	A	0.0831
rs115946732	A	0.0482
rs4648823	A	-0.0306
rs114275915	A	-0.1076
rs10874925	T	0.0273
rs12752621	C	0.0198
rs76015112	G	-0.0326
rs56018428	T	0.1662
rs34847380	A	0.064
rs6659582	T	0.0511
rs147828851	A	0.0624
rs12407492	G	-0.0239
rs76451042	A	0.1483
rs7527958	A	-0.0309
rs61747558	T	-0.085
rs116010639	A	0.1057
rs72882074	G	-0.0269
rs116479212	T	0.1225
rs145374543	T	0.0975
rs115401865	T	-0.1216
rs4844825	G	0.0275
rs1340416	A	0.0227
rs150603686	C	-0.0678
rs111533877	C	0.0893
rs138061025	C	-0.1191
rs56122491	A	-0.0198
rs111837952	G	-0.0611
rs75957868	G	-0.1557
rs34191242	C	0.0313
rs143557438	A	-0.0953
rs272534	G	0.0436
rs10873964	T	-0.0187

rs76038730	G	0.036
rs1288503	C	-0.0197
rs55693740	A	-0.0547
rs111283329	A	0.0341
rs12136999	T	0.0273
rs111998934	T	-0.1081
rs1381525	A	0.0181
rs34073035	G	-0.0667
rs1146723	A	-0.0241
rs1476061	A	-0.027
rs77961901	C	-0.1333
rs2246583	C	0.0213
rs12410526	A	-0.0311
rs7528328	C	-0.0249
rs12082200	T	0.0248
rs1572703	G	-0.0196
rs41301977	C	-0.0681
rs72716333	A	0.0532
rs11584429	A	-0.0557
rs147683163	A	0.0559
rs6588254	T	0.028
rs75783875	G	-0.0729
rs75331080	G	0.088
rs531651	G	-0.0196
rs2993620	A	-0.0423
rs3008538	C	0.0194
rs68103143	T	0.042
rs116373628	A	-0.0887
rs113741905	A	0.0297
rs2279277	G	0.0403
rs116631899	C	-0.1368
rs6695188	C	-0.044
rs3027067	A	0.072
rs41265753	A	-0.071
rs4652230	G	0.0204
rs116806635	T	0.0407
rs116312665	A	-0.1332
rs12136365	C	0.0222
rs111332470	A	-0.0546
rs17344804	T	0.0511
rs2179505	A	0.0225
rs141797333	T	0.065
rs114387817	A	0.1425
rs137984441	A	0.0967
rs6664987	T	-0.0276
rs5746016	T	0.0432
rs115948492	A	0.0964

rs2282726	T	-0.0279
rs75217056	G	0.1575
rs12727833	A	0.0737
rs142022126	G	-0.0996
rs12122300	C	-0.0255
rs74606620	T	0.0576
rs77523282	C	-0.0617
rs1359309	G	0.0227
rs3738754	T	0.0243
rs74152706	G	-0.0428
rs78628465	A	-0.0578
rs150927354	A	0.1339
rs78328845	G	0.0483
rs2181418	C	-0.0428
rs79398624	C	-0.0766
rs78830348	A	-0.089
rs77849464	C	0.0884
rs78247875	C	0.0316
rs2185782	A	0.0619
rs115322160	A	0.0889
rs1755594	C	0.02
rs141889898	C	0.0807
rs16832058	G	-0.0466
rs147259032	C	-0.1686
rs12029417	G	-0.0363
rs11102757	T	-0.0209
rs116191230	T	0.1229
rs7547507	T	-0.0201
rs2682368	T	0.0209
rs4970639	G	-0.0209
rs72682578	G	-0.0798
rs116634410	A	0.0929
rs114775238	C	-0.0721
rs12047309	A	0.0398
rs2817169	A	0.0207
rs12759312	C	-0.027
rs41308403	T	0.0355
rs780252	T	0.0242
rs144400555	T	0.1134
rs1851250	G	0.0402
rs4085412	T	-0.0849
rs80154343	A	0.0655
rs7545200	A	-0.0218
rs12403521	T	0.0488
rs115859878	A	0.1059
rs77282599	T	0.0366
rs75013383	G	0.0725

rs11805716	C	0.019
rs72649499	G	-0.0593
rs4844432	T	0.0244
rs56260599	G	-0.0352
rs72659845	C	0.103
rs529412	G	0.021
rs1507286	G	-0.0189
rs10917780	G	0.02
rs3926107	A	0.019
rs11121467	A	0.0441
rs115006954	T	-0.0537
rs34360639	A	-0.0629
rs144256414	A	-0.0552
rs4654142	A	0.0269
rs1334334	A	0.025
rs4839432	A	0.0266
rs114821234	C	-0.0964
rs77918055	C	-0.1193
rs111932000	C	0.0616
rs73021053	C	-0.0756
rs79014179	A	0.055
rs12122502	A	0.0292
rs12738235	A	-0.0331
rs3806318	G	0.021
rs7552904	A	0.0311
rs4290047	A	-0.0381
rs309066	G	-0.0328
rs4660256	G	0.1649
rs73118013	T	-0.1116
rs75665278	T	-0.0526
rs116640575	C	0.0919
rs6675659	T	-0.0201
rs72641036	T	-0.1087
rs2026592	T	0.0639
rs72747442	T	-0.1028
rs6429214	G	0.0222
rs2994570	A	0.0325
rs6658221	T	0.0183
rs736202	T	0.0366
rs2490423	G	-0.0293
rs78125354	C	-0.092
rs4551638	C	0.0204
rs10494917	G	0.0293
rs114478555	C	0.0609
rs11264271	C	-0.0345
rs10754651	T	0.1062
rs80092658	G	0.0693

rs10789239	C	-0.0218
rs10489390	G	-0.0341
rs111413818	G	0.1706
rs113150953	T	-0.0595
rs67093630	G	-0.0475
rs877700	G	-0.0224
rs6670920	T	-0.028
rs150429950	G	-0.1072
rs149761171	C	0.1316
rs12118814	T	-0.0517
rs2092412	C	0.0485
rs77475843	G	-0.0993
rs2991348	G	-0.0214
rs12022146	A	-0.0799
rs501332	A	-0.02
rs113371026	C	-0.0451
rs61766729	A	0.0573
rs72921778	A	-0.0488
rs66579530	G	-0.0516
rs10919619	C	0.0244
rs12745887	T	0.0448
rs3128446	G	0.0219
rs149542747	T	0.1263
rs6666558	A	-0.104
rs75321047	A	-0.0452
rs116606537	A	0.0873
rs3924486	G	-0.0186
rs7513846	A	0.1148
rs72720847	T	0.0704
rs12074132	T	-0.0484
rs74356885	C	0.1399
rs140877842	G	-0.1127
rs116217458	T	-0.1241
rs12730998	A	-0.0449
rs4846712	T	0.0182
rs646535	T	-0.02
rs12127002	A	0.0287
rs1931073	T	-0.0263
rs74548460	G	-0.0432
rs114338291	T	-0.0952
rs71664164	G	-0.031
rs115455842	T	0.0831
rs61857492	C	0.0365
rs10493475	T	-0.0318
rs150703173	A	0.0864
rs7553934	A	0.0278
rs59627767	T	0.0552

rs74676995	G	0.1218
rs116084628	C	0.0989
rs6659798	C	0.0455
rs16839500	T	-0.0379
rs75909528	T	0.0617
rs12082589	A	0.0526
rs115207027	G	0.131
rs115349513	T	-0.1291
rs138445831	C	0.0431
rs12742658	T	-0.0201
rs2799671	T	-0.0977
rs1795033	G	-0.0423
rs4128865	G	-0.0199
rs10919022	A	-0.0195
rs114102236	C	0.101
rs4657093	C	-0.0264
rs2136122	A	-0.0349
rs78012748	G	0.0789
rs114650940	C	0.1248
rs6676767	G	-0.1139
rs12724674	A	-0.074
rs61815562	G	-0.0559
rs2236413	A	0.0298
rs17588024	T	0.0225
rs1737350	C	0.021
rs61764910	A	-0.0901
rs61784648	T	-0.0633
rs150628768	G	-0.1032
rs72748910	C	0.0393
rs3991929	C	-0.0263
rs144567113	T	-0.144
rs6670160	T	-0.0359
rs146003341	C	0.0756
rs2135756	C	0.018
rs78083643	C	0.1077
rs699232	T	-0.0209
rs11185026	C	0.0222
rs78292574	G	-0.0877
rs3000752	G	0.0234
rs3219080	T	0.0769
rs144535853	C	0.1367
rs72698561	A	0.074
rs6702384	A	0.0195
rs1534985	G	-0.0578
rs12045629	A	0.0816
rs1553444	C	-0.027
rs2644551	C	-0.0873

rs2130618	C	-0.0297
rs6669666	T	-0.0259
rs113467597	C	0.0989
rs11579160	A	-0.0411
rs2235936	A	-0.0292
rs144999424	A	0.0923
rs17120013	A	-0.0341
rs6582999	A	0.0254
rs114217379	T	-0.097
rs7517349	G	-0.0437
rs145307130	T	-0.1132
rs76907983	T	0.0414
rs114754123	T	-0.0425
rs1182964	T	0.019
rs7522626	A	0.0198
rs72739267	A	0.0261
rs114787228	A	-0.0699
rs71638008	C	-0.0679
rs3108156	G	0.0285
rs10494811	C	-0.0463
rs41274840	A	0.0712
rs115709053	T	0.0916
rs17396326	C	0.1053
rs116170545	A	0.0854
rs6660201	T	-0.0418
rs41279676	T	0.0789
rs11581375	C	0.0865
rs1890874	C	-0.049
rs72640038	A	0.0656
rs623784	G	-0.021
rs72674130	G	0.082
rs77010078	A	0.1438
rs112458951	G	-0.0363
rs1961519	A	0.1023
rs74969853	C	-0.0662
rs4652202	C	0.0208
rs12755314	A	-0.0212
rs56132207	T	0.0491
rs114966413	A	0.1188
rs113715735	A	0.0349
rs78876272	G	0.0367
rs61819276	C	0.0764
rs10864722	A	0.0189
rs75259039	C	0.0435
rs140679413	G	0.06
rs17640830	C	-0.0211
rs10911483	T	0.0375

rs57192369	C	0.1229
rs72751800	T	-0.0264
rs116339528	A	-0.1244
rs945322	C	0.0371
rs145780346	G	-0.0818
rs73085637	C	-0.0433
rs4620567	A	0.0414
rs10888607	G	0.0326
rs12096993	T	-0.0212
rs12563821	T	0.0736
rs923877	G	0.0264
rs112157581	C	-0.124
rs112488402	G	0.101
rs77734316	G	-0.0916
rs12409836	G	0.038
rs205483	C	0.0332
rs579035	A	0.019
rs10779721	G	0.0214
rs1181187	C	0.023
rs79116493	G	0.1079
rs12121907	T	-0.0252
rs150298425	C	-0.1214
rs73100799	C	0.1786
rs7414168	C	0.0576
rs61770867	G	0.0235
rs113748140	T	-0.0596
rs10907228	T	-0.0206
rs35603261	T	-0.0642
rs12071801	C	0.0406
rs12406363	C	0.0941
rs59345760	A	0.0652
rs4661444	A	-0.032
rs116001867	T	0.058
rs2180421	C	-0.0192
rs6577245	A	0.0179
rs77293822	G	0.0735
rs2483242	T	0.0236
rs10917219	T	0.0203
rs77747774	C	-0.0763
rs857143	C	0.0253
rs57050104	C	-0.0455
rs7555568	A	0.019
rs577685	A	0.0247
rs1979088	T	-0.0179
rs71651178	T	0.1231
rs6693490	A	-0.1147
rs7548697	A	0.0264

rs113518918	T	-0.0887
rs2313600	T	-0.0261
rs16854957	A	-0.0248
rs12561890	C	0.0342
rs10926541	G	0.0193
rs2639652	G	-0.0229
rs76737325	C	0.1007
rs72648512	A	0.1214
rs74970701	G	-0.0608
rs116681484	T	0.112
rs72651068	A	0.098
rs112866107	C	-0.0923
rs80205678	T	0.0231
rs141013975	T	0.0924
rs142820687	A	-0.0578
rs168040	A	-0.0881
rs4266877	A	-0.0229
rs66825218	T	0.0283
rs2312190	T	0.0571
rs1195692	G	0.0178
rs115908285	C	0.1477
rs57489095	T	-0.0371
rs143672071	T	-0.0771
rs72740170	T	0.0805
rs72768345	G	0.0243
rs61781229	A	0.0321
rs112239145	C	-0.0843
rs590156	G	0.0182
rs142179296	C	0.0966
rs74092738	T	0.0331
rs74740448	T	-0.1071
rs79668872	A	-0.1115
rs11264255	T	0.0213
rs17429774	T	-0.0266
rs41285910	C	-0.1075
rs2949659	C	0.0395
rs77139147	C	0.0313
rs114082880	T	-0.0909
rs6678885	C	-0.0443
rs61767869	A	-0.0793
rs511187	G	0.0215
rs6702585	G	-0.109
rs857861	C	0.0318
rs12037368	A	-0.0276
rs16826354	A	0.0892
rs2494183	G	-0.0179
rs17606074	G	-0.0508

rs72752893	T	0.1184
rs76179027	G	-0.068
rs139150109	G	0.0202
rs10926375	T	-0.018
rs12136062	A	0.0203
rs6675309	T	0.0253
rs111303174	A	0.0969
rs151124378	A	0.0948
rs61820459	T	-0.0331
rs6540527	A	-0.0193
rs79467427	A	0.0397
rs74551524	C	0.0337
rs61764941	C	0.0286
rs72652023	T	-0.0313
rs16858933	A	0.0524
rs12144132	T	-0.0251
rs142711479	C	-0.087
rs678476	A	-0.0196
rs333149	C	-0.0206
rs76372766	A	0.0661
rs6600439	T	-0.0295
rs12567716	C	-0.0305
rs12073135	C	0.0568
rs12038062	A	0.023
rs17025049	G	-0.0532
rs139721163	G	-0.1315
rs2491276	G	-0.0527
rs115066852	T	-0.1052
rs750228	T	0.0233
rs11810371	A	-0.079
rs66675624	C	-0.0354
rs115011797	C	-0.0762
rs858099	A	0.0197
rs77308859	G	0.1433
rs4950908	G	-0.0215
rs7522969	T	0.0354
rs2920585	A	0.0206
rs148769987	G	0.1082
rs10047101	A	0.0933
rs12042824	T	-0.0424
rs61800419	C	0.0266
rs3767348	A	-0.0303
rs12568628	A	0.0269
rs2404677	T	0.0244
rs151174597	T	-0.0914
rs79077526	C	-0.0809
rs1938228	T	-0.0385

rs78407183	A	0.0824
rs144318973	T	-0.084
rs10776740	A	0.0181
rs79992690	T	-0.0647
rs143759641	G	-0.1103
rs636747	A	0.0716
rs6661873	A	0.061
rs112488858	T	-0.0385
rs78259710	A	-0.0862
rs9726587	T	0.0243
rs112122231	G	0.0222
rs139312411	A	-0.0713
rs10907383	T	-0.0185
rs2843149	G	-0.0247
rs114553524	A	0.0583
rs61808532	T	-0.1196
rs114634118	A	0.1194
rs7515798	G	-0.0181
rs2486538	T	0.019
rs114548259	G	0.1005
rs2800060	C	-0.0264
rs1032185	C	0.0188
rs61820073	T	0.0465
rs78870904	A	-0.0601
rs72720297	G	0.0807
rs11102749	A	0.0341
rs138449089	G	0.1013
rs12138269	G	0.0672
rs512920	C	-0.0553
rs11585527	C	-0.0736
rs150056239	C	0.1473
rs7542383	T	-0.0184
rs11119158	T	-0.028
rs116699056	C	0.0538
rs61771181	A	0.0707
rs78224377	A	0.1474
rs12091871	G	0.08
rs3811476	A	-0.0629
rs6659333	C	-0.019
rs3851270	C	-0.0187
rs139610741	A	-0.108
rs112923246	T	0.1042
rs150023257	T	0.1283
rs1133856	T	0.0528
rs35534609	A	0.0636
rs74138512	T	-0.1067
rs351381	A	-0.0612

rs6425991	A	-0.0299
rs9659840	A	0.0198
rs116326800	T	0.0799
rs12117958	C	0.0209
rs77497600	T	-0.0314
rs2031401	C	0.0478
rs2168924	A	0.021
rs2186220	T	0.0201
rs78619109	C	0.0573
rs76525086	G	0.0776
rs75533331	C	-0.0302
rs3820108	A	0.0394
rs12038587	G	-0.0178
rs12118614	T	0.0443
rs1936069	A	-0.027
rs6660087	C	0.0222
rs78383096	A	0.1312
rs1475397	T	0.0198
rs1329453	T	0.0199
rs140372421	A	0.0943
rs10858033	A	0.0186
rs114894207	A	-0.0981
rs114989279	T	-0.0243
rs6605040	A	-0.079
rs149674052	T	0.0527
rs12080233	G	-0.0325
rs3844054	A	0.0198
rs17104522	T	-0.0299
rs7522157	T	0.0199
rs4568885	G	-0.0597
rs6698779	T	0.0193
rs3179690	A	-0.0258
rs77516059	A	-0.0862
rs12091301	A	0.0278
rs139924195	G	-0.0772
rs41514144	T	0.0378
rs78524462	C	-0.1127
rs58306714	T	-0.0178
rs149343174	A	-0.149
rs76383413	T	-0.073
rs7553968	C	-0.0366
rs116835779	T	-0.1097
rs17482903	T	-0.0387
rs10874387	C	-0.0194
rs11122564	A	-0.0292
rs7550276	C	-0.021
rs6669819	A	-0.0212

rs148108408	A	0.0579
rs75347120	T	0.0861
rs12145658	T	-0.0225
rs145557898	T	0.0838
rs116580760	T	0.0849
rs6657113	A	-0.0219
rs11579610	T	0.0713
rs116079587	T	0.1018
rs1431989	A	0.1227
rs17536944	G	-0.0283
rs115872989	A	0.0549
rs114176506	T	0.1048
rs143984829	G	-0.1379
rs6687321	A	0.0428
rs3815226	C	-0.0226
rs75417115	A	0.1132
rs13376078	C	0.0237
rs147976281	A	0.1318
rs624761	C	-0.0274
rs12130924	A	-0.0176
rs61814359	T	-0.0845
rs116416229	C	0.1056
rs1418151	T	-0.0485
rs111336628	G	-0.0599
rs79256816	A	-0.0802
rs983915	T	0.0254
rs78817283	T	-0.0491
rs2364545	G	-0.0185
rs9427274	A	0.0178
rs12120957	G	-0.0904
rs78639974	A	-0.0488
rs2246917	A	-0.02
rs116185158	T	-0.1032
rs16832727	T	0.096
rs12071822	C	-0.0278
rs72714293	G	-0.0843
rs71620823	C	-0.2052
rs79608714	C	-0.1071
rs7549242	C	0.0536
rs6695185	T	0.0184
rs113317869	T	-0.1137
rs11240735	A	0.0202
rs116745941	T	0.057
rs116010861	A	0.0901
rs113498093	C	-0.0886
rs1568375	T	0.0184
rs490765	A	-0.0343

rs34586336	G	-0.036
rs347298	A	-0.0183
rs148621093	G	-0.0938
rs17372995	T	0.0504
rs112876729	A	0.1048
rs562244	A	-0.0221
rs6673349	A	-0.033
rs6686761	A	-0.0225
rs3118048	G	0.018
rs6428174	T	0.0201
rs79668519	C	-0.0878
rs10864286	A	-0.019
rs36087647	G	-0.0423
rs12076404	T	0.031
rs12088541	T	-0.0498
rs116543750	A	0.07
rs77873789	G	0.1061
rs12032736	C	0.0225
rs116739951	C	0.0901
rs56181515	T	-0.0584
rs74151332	T	0.1148
rs541978	G	0.0256
rs544746	C	0.0195
rs7525922	C	0.1077
rs9727042	C	0.0252
rs28730388	A	-0.082
rs4656441	C	0.0421
rs35528888	G	0.0379
rs115053966	T	-0.0309
rs79312341	T	0.0854
rs115392857	A	0.0787
rs12117480	A	-0.0721
rs2101196	G	0.0195
rs12035908	C	0.0364
rs404716	A	0.0262
rs819028	G	-0.0412
rs11800992	A	-0.0298
rs138138154	T	0.1401
rs11119758	A	-0.0184
rs12028269	G	-0.0281
rs116207243	A	0.0939
rs77189102	G	-0.075
rs74788764	G	0.0855
rs72747039	C	0.0181
rs72763371	G	-0.118
rs113817060	A	-0.1477
rs74981444	A	-0.0651

rs115619013	C	0.1112
rs6702233	T	-0.0474
rs138483375	C	0.0806
rs74660295	C	0.0395
rs72699393	C	-0.0659
rs61820283	T	-0.0801
rs36004890	T	-0.0425
rs1285979	C	0.0234
rs77422284	A	-0.0459
rs114899201	C	-0.0808
rs35949358	C	0.0799
rs45587734	A	0.047
rs116623814	T	-0.0661
rs17491407	A	-0.0675
rs17457455	C	0.0216
rs56382483	A	0.0577
rs11571534	C	0.0682
rs7518804	G	-0.0203
rs1417398	T	0.0312
rs10430272	C	0.0217
rs109490	A	0.0204
rs1350156	G	0.0179
rs12747953	G	-0.0456
rs16859668	G	0.0383
rs115361295	G	-0.0928
rs75641291	T	-0.0855
rs6677355	G	-0.0193
rs150110711	T	0.0478
rs75287895	G	-0.0672
rs78508515	G	0.1272
rs149277456	C	0.1162
rs11583934	G	-0.0328
rs79072934	T	-0.0852
rs11572421	T	-0.0214
rs115639352	T	0.0665
rs4306110	G	0.0185
rs72715102	G	0.0583
rs116582509	T	0.0882
rs16837074	C	0.0831
rs5003799	T	0.0213
rs76247373	T	0.0818
rs2272272	A	-0.0611
rs67100325	G	0.0515
rs79748221	A	-0.0667
rs9660866	T	0.0664
rs6701368	C	-0.1272
rs150073927	C	-0.1636

rs78170630	C	-0.1109
rs2296384	T	0.0185
rs12562115	G	-0.0719
rs61784491	C	0.0234
rs141554723	G	0.1086
rs114197993	C	-0.0465
rs17381406	A	0.0208
rs140977378	A	0.0864
rs3753723	A	-0.0182
rs12041395	T	0.0582
rs7524683	T	0.038
rs55656025	T	-0.0238
rs1200131	A	-0.0196
rs74919207	T	0.059
rs12409563	G	0.0433
rs4110906	G	-0.0197
rs12745339	A	0.0214
rs114401404	C	0.1238
rs144147320	A	0.083
rs166612	C	-0.0824
rs2480692	T	0.0253
rs142909400	A	0.1721
rs116226676	A	0.1095
rs72677685	G	0.0712
rs142341481	T	-0.0493
rs117679244	G	-0.1285
rs78805001	T	-0.0715
rs116171175	A	-0.1051
rs3738505	T	0.0215
rs12409375	T	0.0561
rs150902752	A	-0.0937
rs11164839	G	-0.0274
rs4650675	A	-0.0184
rs113955603	C	-0.0617
rs140450534	C	0.086
rs12026291	T	-0.0399
rs72714713	T	-0.0291
rs2998183	A	0.041
rs10159052	A	0.0804
rs2789952	T	-0.0497
rs34651353	C	-0.0238
rs11185251	A	0.0539
rs4652106	A	0.0241
rs9332693	G	-0.065
rs2993026	T	0.1033
rs74548335	C	-0.1504
rs67769635	A	0.0276

rs58222615	A	0.048
rs10493765	A	0.0205
rs17431535	G	-0.0232
rs115736336	T	0.0807
rs756199	G	0.0213
rs2391383	G	-0.0417
rs12032360	C	-0.0199
rs12410344	C	-0.0201
rs7534690	C	0.022
rs113844579	A	-0.0262
rs77243303	T	0.0892
rs75437185	G	0.0493
rs115726423	C	-0.0916
rs925292	G	-0.0181
rs12725975	C	-0.0192
rs116837404	T	-0.095
rs6673693	T	-0.021
rs77648095	T	0.0334
rs61783150	T	-0.0734
rs61838398	G	0.0478
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rs11121157	A	-0.0225
rs12141588	T	0.0448
rs631503	C	0.0753
rs10783026	A	0.0289
rs7544118	T	0.0227
rs74874700	A	-0.073
rs3928803	T	0.0181
rs7546121	G	0.0267
rs12123554	C	-0.0292
rs80254921	T	0.1105
rs114531477	A	-0.0716
rs7535044	A	-0.1733
rs4654678	A	-0.0248
rs72650548	T	0.0753
rs603811	A	0.0231
rs61774726	A	0.0249
rs149493478	A	0.0731
rs17684029	C	0.0472
rs12117683	T	0.0191
rs75829082	C	-0.0598
rs142527616	T	0.0668
rs72678208	A	0.0345
rs72749760	C	0.0291
rs11579715	C	-0.0948
rs9438881	A	0.0237
rs74137307	C	-0.0506

rs116525694	A	0.1057
rs12133700	T	0.0215
rs2173346	C	0.0354
rs114100233	A	-0.0578
rs41313904	A	-0.0689
rs17770286	G	-0.0437
rs34635329	C	0.0456
rs66569828	G	-0.0348
rs142668818	A	0.0694
rs1509865	C	-0.0643
rs77414674	T	-0.064
rs1867555	C	0.0193
rs77988032	C	0.0226
rs75855265	C	0.0523
rs3753990	A	-0.0334
rs79125992	A	-0.0866
rs4659488	C	0.0212
rs12407297	T	-0.0361
rs3789445	G	-0.0203
rs116735026	A	0.0929
rs149780365	A	0.0611
rs1415181	C	-0.0192
rs72638547	T	0.0217
rs114843749	T	-0.1436
rs11577333	G	-0.0336
rs12120583	A	0.0675
rs76817674	C	-0.1116
rs77589332	T	-0.0368
rs6577136	C	-0.1082
rs74151808	T	0.0649
rs12759395	G	-0.0215
rs35495014	G	0.0206
rs2518497	A	-0.018
rs72651392	G	-0.1399
rs7512417	A	-0.0214
rs115175854	T	-0.1098
rs7533306	A	-0.0202
rs7548128	G	-0.1054
rs138322676	A	-0.1254
rs9426455	G	0.0893
rs11211005	A	-0.0249
rs61821998	A	0.1193
rs11260678	T	0.022
rs12140700	T	0.0318
rs79907268	C	0.0323
rs144502310	G	-0.1072
rs61288374	G	-0.0255

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rs1276313	A	-0.0191
rs1535921	A	-0.0186
rs61804200	T	-0.1231
rs12088212	A	-0.0292
rs4660584	T	0.0289
rs72691461	C	0.0389
rs74498624	A	0.0498
rs34098402	T	0.0717
rs80144373	C	0.0503
rs1125017	C	0.0178
rs145971519	C	-0.1336
rs12406674	A	-0.0278
rs80242952	T	-0.0718
rs142211926	T	0.0784
rs12734794	T	0.0421
rs2274663	A	-0.0339
rs967528	T	0.0501
rs138571700	G	0.057
rs57850168	T	-0.0628
rs984747	G	-0.027
rs3796502	A	-0.0224
rs146674398	T	0.1462
rs74853003	A	0.0774
rs56353887	T	-0.0298
rs10753692	C	0.0251
rs149344982	A	0.1646
rs12068940	C	0.0285
rs6685166	G	0.0802
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rs7519287	T	0.0829
rs139726000	G	0.0771
rs147814097	T	0.0498
rs319650	C	-0.0656
rs17131534	T	-0.0304
rs72700114	C	0.0391
rs2377365	A	0.0234
rs112838627	C	0.0465
rs498382	A	0.032
rs61760671	T	-0.0939
rs79546635	A	0.0936
rs57169955	C	0.0939
rs114072676	A	-0.0377
rs1198424	G	-0.0334
rs1408858	T	-0.0215
rs148808207	T	-0.0804
rs11119113	T	0.0174

rs143101044	C	-0.0753
rs6682475	G	0.0276
rs141801789	T	-0.0366
rs602620	T	-0.0197
rs114066760	T	0.0988
rs72702442	T	0.0498
rs78527411	G	0.0585
rs2582650	G	0.0214
rs10802406	G	0.0217
rs61771844	A	-0.0196
rs11586410	G	0.0367
rs112504009	G	-0.1156
rs2919486	C	0.0409
rs4990513	T	0.0432
rs1121394	T	0.0552
rs138465415	T	-0.0909
rs12564431	T	-0.0312
rs6694980	C	0.051
rs143693596	G	0.1049
rs74107128	A	0.0524
rs11590656	C	0.0562
rs17047983	G	0.0615
rs114184662	G	-0.0403
rs115800677	A	0.0443
rs205484	C	-0.0376
rs6662514	A	0.0254
rs12409560	T	0.0627
rs61773098	A	-0.0248
rs7534442	T	0.0185
rs1289873	T	-0.0181
rs75405716	A	0.0937
rs7551601	C	-0.02
rs8179370	A	-0.0292
rs115929754	G	-0.1395
rs115855653	A	0.0604
rs56170974	A	-0.0842
rs12754642	C	-0.0593
rs12726355	A	-0.0691
rs12138074	A	0.0185
rs3789494	G	0.0237
rs75284175	T	-0.057
rs75745570	T	-0.0617
rs79173173	G	-0.0522
rs116537473	A	0.0671
rs61797272	C	-0.0456
rs1891179	T	0.1494
rs2236814	T	-0.0273

rs2651407	T	0.0437
rs78200448	T	0.0634
rs80051878	C	-0.0847
rs11487867	T	-0.0243
rs76469727	G	-0.093
rs111352379	A	0.0484
rs4301679	T	-0.0238
rs6672742	G	-0.0228
rs77464065	C	0.0303
rs112369510	T	-0.0491
rs242054	A	-0.0335
rs2901175	C	-0.019
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rs1113069	A	0.0432
rs1239492	T	0.0418
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rs2244529	G	-0.019
rs114708003	A	-0.0713
rs4660144	T	0.0192
rs116752552	C	-0.1472
rs6679913	T	-0.0189
rs41269049	A	0.0672
rs141556238	A	0.1469
rs139755165	A	0.0516
rs12743193	G	-0.0289
rs116213761	G	-0.0668
rs143742584	C	-0.0514
rs144647615	C	-0.1106
rs4300178	C	0.0177
rs45626740	G	-0.0455
rs11117634	T	0.0213
rs28359713	C	-0.0555
rs2999013	A	0.0658
rs7515772	T	0.0555
rs61765088	T	0.0631
rs61296119	C	-0.0226
rs140828398	A	0.0499
rs7522074	G	0.023
rs116022364	G	0.0743
rs1249090	A	-0.018
rs115921060	G	0.0851
rs114482562	C	0.1134
rs17561788	T	-0.0313
rs502382	G	-0.0194
rs12092660	G	-0.0339
rs3118183	G	-0.0178
rs75964678	C	0.0723

rs116586618	T	0.1236
rs501525	C	-0.0184
rs12062137	T	0.0321
rs114138095	A	-0.055
rs72747099	T	0.1046
rs78773325	T	-0.0301
rs115584993	C	0.1223
rs3737589	G	-0.0178
rs2055479	C	0.0233
rs142150804	C	-0.0996
rs72767931	T	0.0576
rs116671785	A	0.0695
rs114890532	T	0.0761
rs150441619	T	0.0798
rs72713426	G	-0.0704
rs6703128	T	0.0324
rs79812993	T	-0.0286
rs76113087	T	-0.1767
rs17162209	A	-0.0188
rs1015082	T	-0.0431
rs544038	C	0.0986
rs138454974	G	-0.1729
rs518749	T	0.02
rs340881	A	-0.0239
rs3844252	A	-0.034
rs441374	A	0.0234
rs36065910	A	-0.0239
rs6703352	T	-0.0235
rs6426356	T	-0.0176
rs12120250	A	-0.0219
rs418213	G	0.0332
rs114855879	C	-0.1034
rs16834831	G	-0.0348
rs61764040	A	0.1036
rs143391587	T	-0.1119
rs11484703	T	-0.0644
rs1306158	C	-0.0208
rs78786925	C	0.0705
rs146723987	A	0.1003
rs41289234	G	0.0488
rs75720617	A	0.1037
rs56073564	A	0.0223
rs12745827	G	0.0254
rs78772049	A	0.1035
rs76891611	T	0.0879
rs12046720	C	0.0314
rs115763005	T	-0.0893

rs115433554	A	-0.1157
rs116406354	G	0.1197
rs16827377	G	-0.0269
rs61765365	C	-0.0223
rs141778869	T	0.1215
rs12738424	C	0.04
rs78986800	C	-0.1055
rs2488773	C	-0.0211
rs78078630	A	0.077
rs11811146	A	-0.0466
rs7556264	A	0.0787
rs143254780	T	-0.116
rs148492635	A	0.0939
rs61829246	C	-0.058
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rs60408196	A	0.0227
rs147101588	A	-0.1167
rs6664418	G	0.0634
rs13376694	T	0.0512
rs12144051	T	-0.0623
rs115245037	G	-0.099
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rs679304	C	0.0265
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rs12071614	A	0.1073
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rs310177	T	0.026
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rs855852	T	-0.0351
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rs7521083	T	-0.0232
rs80180612	C	-0.0679
rs115691431	G	-0.0497
rs116459721	A	-0.0547
rs115909701	A	0.0496
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rs34911851	G	-0.1104
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rs114721678	A	0.1254
rs34452021	A	0.0218
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rs6665585	G	-0.0344
rs114831989	A	-0.1455
rs11163367	T	-0.0308
rs75519758	T	0.0699
rs2024815	T	0.0187
rs61855665	T	0.1243
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rs72722821	A	0.0839
rs79434380	T	0.0731
rs114892178	G	0.0708
rs344935	G	-0.0189
rs149679443	T	-0.077
rs59061093	A	0.1777
rs12739143	G	0.12
rs6661783	A	-0.0294
rs76490244	C	-0.0506
rs114525994	A	-0.1059
rs1341304	C	0.021
rs76904385	A	-0.0474
rs144831406	T	-0.131
rs12401902	T	-0.0861
rs116496215	T	-0.0675
rs4658039	A	-0.0173
rs10920360	T	-0.0303
rs74057160	G	-0.0219
rs10789188	A	-0.0185
rs12561944	G	-0.0333
rs345252	C	0.0213
rs4657868	T	0.021
rs78982654	A	0.0568
rs736665	C	0.0193
rs61731118	G	0.0862
rs116640816	T	-0.0357
rs9659229	G	-0.0286
rs112446756	A	0.0348
rs139825237	T	0.0608

rs11590483	T	0.0895
rs10800069	A	-0.0186
rs4357560	T	-0.0735
rs79164620	A	0.0494
rs138705988	T	0.1141
rs35049739	T	-0.1069
rs1688581	T	-0.0265
rs7528162	C	-0.0779
rs4518905	T	-0.0261
rs11209042	C	-0.0239
rs3738303	A	0.0231
rs1416044	G	-0.023
rs10801449	C	-0.0181
rs56381870	T	0.0229
rs17820909	G	0.0343
rs28434445	T	-0.0392
rs71635405	T	-0.0374
rs4658437	G	0.0189
rs140094847	T	0.0842
rs78664422	A	-0.0254
rs74427709	A	-0.0716
rs12035457	C	0.0236
rs79115527	C	-0.0525
rs75910078	A	0.04
rs61767480	C	-0.0357
rs144273814	T	0.0649
rs112369231	C	0.0234
rs2815464	T	0.0367
rs79045701	G	-0.1336
rs16861236	C	0.0243
rs7545965	G	0.0316
rs72728029	A	-0.0176
rs17686761	C	0.0692
rs61805847	C	0.071
rs66520205	A	0.0421
rs12738690	C	-0.0846
rs845252	C	0.019
rs12124894	T	0.0276
rs72666996	A	-0.0937
rs7556513	A	0.0263
rs146158664	T	0.0431
rs114785386	A	-0.0517
rs148214217	C	-0.1203
rs142571648	C	0.1228
rs150751448	T	-0.0485
rs1853965	C	0.0246
rs112522538	T	0.0536

rs151074370	C	-0.0679
rs113793586	G	0.0939
rs6656981	T	0.027
rs78382361	A	-0.0757
rs4317763	A	-0.1533
rs61778186	T	0.0736
rs7519017	G	0.1176
rs10158765	A	0.0202
rs12748591	A	-0.0844
rs1610320	A	0.0231
rs1429700	T	-0.0247
rs11585348	G	-0.0272
rs7544606	C	-0.0246
rs11590808	A	-0.045
rs146309610	T	0.0671
rs116516520	G	0.0872
rs143746327	T	0.0571
rs17453009	G	0.067
rs3125825	A	0.0264
rs75143729	G	-0.073
rs12729581	A	0.0229
rs1377731	A	-0.0173
rs55676222	T	0.046
rs10779571	A	0.0293
rs555481	G	0.0394
rs2227295	A	-0.0202
rs6675415	A	-0.0185
rs12120605	T	-0.0336
rs1773766	A	-0.0683
rs602122	C	-0.0183
rs75714434	A	-0.0745
rs116151692	A	0.1087
rs75778210	C	-0.0872
rs79228805	C	0.0396
rs12033263	A	-0.0239
rs116798874	G	-0.0652
rs61812700	T	-0.061
rs115613717	C	-0.1055
rs142103193	A	-0.0891
rs552096	T	0.0197
rs139113250	C	-0.0286
rs11240698	A	0.0267
rs72727927	G	-0.0663
rs12403919	C	0.0272
rs80298631	T	-0.0572
rs4233115	G	-0.0171
rs117761602	C	-0.0866

rs145755879	A	0.0535
rs4258224	A	0.0209
rs151267833	T	-0.1185
rs7531541	A	0.0278
rs41285435	A	-0.0794
rs77554527	T	-0.1021
rs6700693	C	0.0232
rs77739029	G	-0.1447
rs77490065	A	0.0663
rs80101064	G	0.0653
rs6586361	T	0.0173
rs56378103	T	-0.0177
rs71644026	C	0.0764
rs17129890	G	0.0329
rs56267558	T	-0.0334
rs74677427	T	-0.0256
rs77904349	A	-0.0396
rs113187303	A	0.1197
rs115014891	A	-0.0785
rs67854820	C	0.0242
rs6662538	A	-0.0676
rs12141568	C	-0.0189
rs142472564	T	0.1056
rs12065665	T	0.0171
rs2791465	G	0.0211
rs142350029	A	-0.1062
rs12117408	C	0.0558
rs35391619	G	-0.0416
rs783052	A	-0.0177
rs10797460	A	-0.0678
rs11208307	A	0.0228
rs1687108	G	0.0181
rs2807556	T	-0.0274
rs78249366	C	0.0908
rs61803761	A	0.0448
rs2269244	A	-0.018
rs2797293	G	-0.0465
rs4845604	A	-0.0248
rs12759827	G	0.0217
rs115489968	A	-0.1101
rs11584590	C	0.1067
rs72681712	G	0.1196
rs12090010	T	0.0566
rs6689252	A	0.0267
rs7523589	G	0.0197
rs115515624	T	-0.095
rs9662936	C	-0.0199

rs4652633	C	-0.0176
rs114181664	A	0.1135
rs139770488	G	0.0783
rs4472742	C	0.0201
rs148408850	A	-0.0502
rs72654118	A	0.0279
rs78032349	G	0.1296
rs12038000	G	-0.0181
rs56158070	G	0.0352
rs10482833	A	0.0402
rs12130415	G	0.0757
rs76084373	A	-0.0678
rs7540930	G	0.0174
rs12752825	G	-0.025
rs2776778	G	-0.0384
rs17526199	C	0.0778
rs72689449	G	-0.0762
rs3917739	C	-0.0199
rs12025616	G	-0.0211
rs78390928	T	0.0994
rs141429903	A	0.1072
rs7513309	C	0.0207
rs2232648	T	0.0184
rs834964	G	-0.0189
rs78478538	T	-0.0581
rs72739200	G	-0.0347
rs9651106	C	-0.0255
rs325886	A	-0.0253
rs992023	C	-0.0457
rs11117713	G	-0.0275
rs2891705	T	-0.0658
rs2075560	T	0.0772
rs11209101	A	-0.0189
rs9793308	G	-0.0642
rs16850817	C	-0.0734
rs34782355	G	-0.0988
rs57012788	T	0.0181
rs72735645	G	-0.0716
rs12132097	G	-0.0289
rs61818593	T	-0.0682
rs4233199	C	-0.0174
rs114737056	A	0.0273
rs16843723	G	-0.0365
rs7512220	A	-0.0195
rs6671900	T	0.0294
rs2798111	C	-0.0189
rs1145919	T	0.019

rs12078780	T	-0.0242
rs77361783	T	0.0514
rs36015503	G	-0.0263
rs56968328	G	-0.0268
rs7531902	A	-0.0186
rs61807495	T	-0.0604
rs34406824	C	0.0449
rs6683746	T	-0.0369
rs75793979	C	-0.1041
rs34701053	C	-0.0539
rs6690154	C	0.0336
rs61766354	A	-0.0351
rs7541151	T	-0.0721
rs79624892	C	0.0617
rs114941413	C	0.0633
rs61807319	T	0.0985
rs4646883	C	-0.0524
rs75455040	A	0.1289
rs4253898	A	-0.0759
rs113437894	A	0.0602
rs77037453	G	0.0633
rs74907325	T	0.0302
rs55835762	A	-0.0184
rs6701196	G	0.0206
rs12044279	T	0.075
rs78712938	A	0.0889
rs4915768	C	0.0182
rs4651465	A	-0.0215
rs2799685	C	-0.0178
rs10920460	C	0.0189
rs79434990	G	-0.1058
rs34967753	A	-0.0348
rs2211324	C	0.0189
rs78859255	A	0.0567
rs114761090	A	-0.0874
rs115525176	C	-0.1076
rs1855894	G	-0.0282
rs4233248	C	-0.0235
rs1723000	C	-0.0271
rs10754016	G	-0.0215
rs61828749	C	-0.0876
rs68032203	G	-0.0437
rs11207095	T	-0.0182
rs72707307	T	0.0651
rs57671051	A	0.0851
rs584025	T	0.0391
rs9439718	A	0.0488

rs72704962	C	0.0252
rs12126035	C	0.0243
rs114978139	G	0.0646
rs114257119	T	0.1125
rs17127327	C	0.0338
rs138734850	T	-0.1048
rs74153145	A	0.0435
rs1419104	A	-0.0293
rs2280474	A	0.026
rs138630681	G	0.1393
rs3008545	A	-0.0314
rs72745527	T	0.046
rs16856400	C	-0.0376
rs12131209	C	0.0731
rs6687095	T	0.0311
rs78420914	C	-0.0625
rs72729736	A	0.049
rs149181789	C	0.0602
rs12749066	C	-0.0808
rs3820277	G	-0.0174
rs12085044	G	0.0285
rs974856	A	-0.0181
rs17013650	C	0.0834
rs10927937	A	-0.0228
rs6676941	A	0.02
rs11118452	T	-0.0189
rs140562220	T	-0.1023
rs112263051	A	-0.064
rs112242951	T	0.0767
rs17479667	T	-0.0917
rs61765937	A	-0.0583
rs75470247	A	-0.0931
rs12129123	T	0.0476
rs115137567	G	-0.0719
rs6699542	A	-0.0256
rs17576615	G	0.0403
rs17853180	G	-0.0649
rs147143078	G	-0.1369
rs114325919	C	0.1768
rs4915085	T	0.017
rs11542154	A	-0.0678
rs12035653	C	-0.02
rs269693	T	0.0296
rs859478	A	0.0206
rs11122355	T	-0.0259
rs35304562	T	0.0706
rs79304392	A	0.1409

rs61822046	T	-0.0553
rs7537508	T	-0.0206
rs6426774	C	-0.0204
rs10914189	T	-0.0204
rs73033406	G	-0.0734
rs56183786	T	-0.0242
rs10799926	T	0.0168
rs6694239	C	0.0367
rs3767427	C	-0.0216
rs16853835	G	0.0409
rs4149947	G	0.0904
rs74346187	A	-0.1041
rs114911624	T	-0.0795
rs114013905	G	0.1111
rs4844422	A	-0.0559
rs3008600	T	0.0554
rs74950234	T	0.0373
rs56011948	A	-0.023
rs828052	T	0.0174
rs77289684	T	0.131
rs6687221	A	-0.0209
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rs34597031	A	-0.0922
rs12045323	T	-0.0234
rs76193350	A	-0.0801
rs9661504	A	0.0174
rs9804104	C	-0.0196
rs113060992	C	-0.0779
rs2989946	G	0.019
rs2506971	A	0.0298
rs56154424	A	0.0238
rs2566766	G	-0.0429
rs142945969	T	-0.1308
rs115453905	A	0.0905
rs76488675	G	-0.0808
rs114537345	T	-0.0688
rs56260931	C	0.0182
rs12135141	A	-0.018
rs77191080	A	0.0296
rs6656271	G	0.0308
rs6687401	A	-0.0255
rs144032901	T	-0.0978
rs79419456	A	0.0938
rs12026895	T	0.0585
rs35200825	C	-0.1025
rs4342800	G	-0.0434
rs72662069	C	-0.0573

rs77892666	T	0.0651
rs16832053	A	0.0524
rs78679596	T	0.0642
rs12135013	G	-0.0247
rs139464971	C	0.1169
rs78850395	A	0.1111
rs61819995	A	0.0826
rs147486554	A	-0.037
rs6537673	A	-0.0195
rs74414495	T	-0.0549
rs12042712	T	0.0228
rs12087212	A	0.0268
rs79144732	T	-0.0703
rs76263057	G	-0.0339
rs1325274	T	-0.0265
rs11809743	A	0.0238
rs4846350	G	-0.0168
rs77896756	A	-0.0688
rs78032946	C	-0.0686
rs79162295	G	0.0468
rs11240404	A	0.0388
rs17012649	G	-0.111
rs6680117	T	0.0248
rs72751792	G	0.0437
rs1578640	A	-0.0294
rs4372299	T	0.0202
rs1889926	G	-0.0195
rs12406397	G	0.0676
rs114469783	G	0.0722
rs12023708	A	0.038
rs12726611	T	0.0392
rs17131313	A	-0.0278
rs17032907	T	0.0247
rs113972838	A	-0.0899
rs34506456	A	0.042
rs2904122	C	0.0167
rs74445067	C	0.095
rs177915	C	0.0193
rs144466110	C	-0.0744
rs1509699	A	0.0278
rs77155143	A	0.0325
rs12063665	G	-0.1044
rs12563707	G	0.0191
rs17396285	T	0.0848
rs3010374	T	-0.018
rs34881484	A	-0.0273
rs112130630	A	-0.0923

rs72665775	G	0.1466
rs493227	G	-0.0188
rs12401816	C	0.0227
rs16857041	T	-0.039
rs75572442	T	-0.0861
rs12128790	C	0.0383
rs6674705	C	-0.0465
rs12090714	A	-0.0411
rs72642303	G	-0.0437
rs1426179	T	-0.0195
rs230607	C	-0.0203
rs146057445	T	0.1601
rs141092331	C	0.0808
rs72767406	A	-0.0525
rs74422925	T	-0.0597
rs870171	T	0.0196
rs114656584	T	0.0689
rs17626398	C	0.0428
rs10925181	G	0.0358
rs10803249	T	-0.019
rs2490385	T	0.0181
rs72656592	A	0.1246
rs17092167	A	-0.1186
rs116070955	A	-0.0644
rs116725158	T	0.064
rs41264133	G	-0.0594
rs115883386	T	-0.0642
rs11207957	T	0.0203
rs3748533	C	-0.0246
rs138970563	T	-0.0689
rs114197650	A	0.0753
rs1266436	G	-0.0499
rs11119142	G	-0.0668
rs1961787	G	-0.0175
rs6666130	T	-0.0579
rs115624313	A	-0.1289
rs61780346	A	-0.1338
rs115008859	A	-0.0687
rs7520683	C	0.0217
rs143790330	T	-0.097
rs1923946	G	0.0217
rs7546483	G	-0.0183
rs141770917	G	-0.0627
rs6681346	A	-0.1007
rs3766497	T	-0.0405
rs57928348	C	0.0381
rs141458461	C	-0.1282

rs141651337	A	-0.0777
rs7540655	T	-0.0318
rs56220608	C	0.0834
rs12753465	T	-0.0205
rs12146053	A	0.0418
rs72720787	C	0.0624
rs10920259	T	0.0166
rs115246987	T	-0.0863
rs150490813	A	-0.0827
rs77909080	A	0.0792
rs61819581	C	0.0909
rs10754494	A	-0.0244
rs7354900	G	-0.0329
rs17403444	A	0.0582
rs10800589	A	-0.0182
rs34665232	C	0.039
rs3007722	C	-0.0228
rs145335104	A	0.0924
rs78433503	G	0.0361
rs74508171	A	0.0575
rs116187530	T	-0.0845
rs10796978	C	0.0209
rs114423553	T	0.0711
rs111681429	T	-0.0352
rs79751956	C	0.0985
rs78377116	T	-0.091
rs12081752	T	0.0497
rs79769841	G	0.0579
rs6687326	A	-0.0964
rs11810932	T	0.0178
rs2842704	G	-0.0249
rs139802649	A	-0.1016
rs794240	G	0.0252
rs10493214	A	0.0214
rs3197233	T	0.0288
rs3828129	G	0.0197
rs114489742	G	0.1108
rs6576771	T	0.0519
rs12138359	T	0.0368
rs114580425	T	-0.0682
rs11579020	T	0.0347
rs80056181	A	0.0855
rs78929567	A	0.1004
rs9427061	C	0.0244
rs74877853	A	0.0395
rs56362902	A	-0.0812
rs16830671	T	-0.0368

rs699537	A	0.0856
rs114002121	A	-0.0833
rs76551780	C	0.0228
rs77188784	C	-0.0605
rs79975321	A	-0.1338
rs3753263	A	-0.0176
rs56336130	A	0.0662
rs2782549	G	-0.0202
rs147511825	G	-0.077
rs114221421	A	-0.1636
rs2847341	A	0.0192
rs56053787	C	0.0234
rs79370709	T	-0.0417
rs113869187	G	0.0762
rs150461998	T	0.1055
rs115759667	A	0.0841
rs61802001	T	0.0761
rs78709578	A	0.043
rs12070915	C	0.0524
rs111859922	A	-0.0554
rs76264713	A	0.028
rs36180074	A	0.095
rs2012686	C	-0.019
rs7549900	T	-0.0173
rs61827406	T	0.0598
rs61836670	G	-0.1294
rs10864293	G	-0.0263
rs115466474	A	-0.0932
rs114568507	T	-0.1075
rs11240599	A	-0.0257
rs12402850	C	0.0401
rs150596150	C	-0.1257
rs7527695	T	-0.0296
rs10737540	T	-0.0304
rs16845308	T	-0.0195
rs11119493	G	0.029
rs115188743	C	-0.1125
rs147482671	A	0.1062
rs145622947	A	-0.0984
rs17605344	C	0.0812
rs114928223	T	0.0563
rs17301006	A	0.0565
rs111899841	T	-0.2024
rs12022618	G	0.0526
rs75387019	C	-0.0673
rs10857911	A	-0.0232
rs1200082	G	-0.0226

rs76320648	T	0.0594
rs35198742	C	-0.0549
rs2799557	T	0.0566
rs17163290	G	-0.1035
rs116455265	A	-0.1159
rs272537	T	0.0216
rs116677466	T	0.0932
rs17028042	G	-0.0446
rs56281124	T	-0.0707
rs76163850	G	-0.0431
rs114771621	C	0.1009
rs34186915	A	0.0176
rs12087645	T	0.0388
rs76460815	T	-0.0984
rs6697303	T	-0.0173
rs78613699	T	0.0418
rs1411775	A	-0.0255
rs12734239	A	-0.0173
rs76680432	T	0.0398
rs12126684	A	-0.0209
rs12720667	A	0.0202
rs11585904	C	0.0252
rs11586557	T	0.0461
rs7547430	C	-0.0172
rs149253918	G	0.0856
rs138939756	T	-0.06
rs80264257	T	-0.099
rs1417102	A	-0.019
rs12733226	A	0.0486
rs1316805	G	-0.0214
rs2149040	A	-0.0395
rs11578894	C	0.0816
rs113303550	A	0.072
rs78048452	A	-0.1245
rs55892625	T	-0.0761
rs112973563	G	0.1079
rs832164	T	-0.0211
rs55795840	G	0.0332
rs12136853	T	0.0262
rs79502730	T	-0.0659
rs72679406	A	0.0619
rs145340226	A	0.0523
rs7512994	C	-0.0252
rs72692854	T	-0.028
rs856146	C	-0.0188
rs111779058	T	0.1285
rs12123488	T	-0.0965

rs116594341	A	-0.0703
rs141296897	C	-0.0882
rs34590307	T	-0.0346
rs9442467	T	-0.0438
rs116721219	G	-0.0926
rs61754125	A	0.1495
rs72706360	T	0.0917
rs2281355	A	0.0513
rs148081940	T	-0.1009
rs77280407	T	0.0951
rs2495088	C	0.0725
rs115906406	T	-0.0588
rs72950069	T	-0.0451
rs11586465	T	-0.0305
rs142860569	T	0.0415
rs142044529	A	0.095
rs7513528	A	-0.0339
rs1133398	G	0.0178
rs112114305	A	0.0525
rs1395713	G	-0.0232
rs12127439	A	0.0184
rs116645841	C	0.1138
rs72658541	T	0.0318
rs144876164	T	-0.0728
rs115225298	G	-0.0705
rs149505708	C	-0.0989
rs78322729	T	-0.0241
rs12122586	T	-0.0815
rs270851	G	0.0231
rs41264137	T	-0.0933
rs12021653	A	-0.0889
rs11162161	T	-0.0211
rs76922702	T	-0.0662
rs140690731	A	0.1263
rs147526998	T	0.1117
rs138452894	T	-0.1207
rs10916034	C	0.0182
rs12748241	A	-0.0307
rs111953828	T	0.0511
rs11208996	A	-0.0714
rs12121123	T	-0.0961
rs7512479	C	-0.0586
rs79638111	G	0.1153
rs72711827	A	0.0864
rs11801025	G	0.0251
rs80092239	G	-0.0664
rs12568591	G	0.0349

rs36041545	G	-0.0606
rs2025002	G	-0.0225
rs532042	T	-0.0282
rs143941771	T	-0.0957
rs79479969	T	0.0944
rs10900550	T	-0.0189
rs12143545	G	0.0625
rs12033297	T	0.0299
rs761076	T	0.0172
rs147114718	A	-0.0588
rs115509265	A	-0.1052
rs10863715	C	-0.0195
rs10863651	A	-0.0165
rs2802950	A	0.0173
rs116826061	A	0.0497
rs17542070	G	0.0735
rs12142021	G	-0.0662
rs77335236	G	0.0636
rs147051000	C	0.1167
rs1016819	G	-0.0191
rs2760510	A	0.0198
rs10925403	T	0.0584
rs34579555	A	0.082
rs58264851	C	-0.0225
rs2576268	G	-0.0237
rs77662416	A	0.0952
rs139134807	A	0.0223
rs13376006	C	-0.0373
rs34650980	G	0.0275
rs72742398	T	0.0915
rs819633	T	-0.0541
rs1294330	G	-0.0163
rs76297923	A	-0.0436
rs77339270	T	-0.0694
rs78125920	T	-0.0328
rs56126189	G	-0.093
rs61810738	T	-0.1349
rs6683407	C	-0.0245
rs4839179	T	0.0507
rs6673837	A	-0.0237
rs114658321	A	0.0306
rs34696266	T	0.0505
rs17416088	T	-0.0238
rs2805446	T	0.0211
rs116446316	T	0.1112
rs12139634	C	0.0206
rs1252145	A	-0.0221

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rs773580	G	-0.1025
rs12734652	T	0.0204
rs12123190	A	-0.0825
rs6693446	T	-0.0284
rs149413568	T	0.1003
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rs6704355	A	-0.0419
rs79747087	G	0.0369
rs1472563	T	0.0168
rs111980810	G	-0.0996
rs1440487	A	-0.0199
rs145605082	T	0.08
rs11578401	C	-0.1058
rs72735253	T	0.0256
rs41303311	A	-0.0807
rs582666	G	0.0261
rs12048081	C	-0.0235
rs6667397	A	0.0188
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rs6673178	A	0.0194
rs114576151	A	-0.0756
rs17117850	C	0.0927
rs3122547	G	0.0231
rs12140760	A	-0.0167
rs72748642	A	-0.0238
rs72761211	G	0.1187
rs12128783	T	0.0754
rs1231819	T	-0.0531
rs10873824	A	-0.0192
rs9435445	A	-0.0753
rs4839115	A	0.017
rs511918	G	-0.0175
rs74547610	T	-0.0695
rs112269378	T	-0.0416
rs12563014	A	0.0565
rs6687647	G	0.0244
rs56089133	C	-0.0313
rs151065194	T	-0.0883
rs77909294	A	-0.0548
rs115646183	T	-0.0748
rs997191	G	-0.0259
rs12089348	T	0.023
rs7518401	A	-0.0192
rs75027444	G	0.11
rs530565	C	0.0656

rs112442170	T	-0.0586
rs1392096	A	0.022
rs79538232	A	-0.136
rs77042536	A	0.0516
rs35006651	T	0.1327
rs694660	C	0.0188
rs749750	C	0.0188
rs76463708	A	-0.055
rs116750416	T	-0.112
rs17162993	T	0.042
rs12726813	A	-0.037
rs72672685	A	-0.0361
rs113443285	A	-0.0397
rs958996	G	0.0459
rs11587945	C	0.0215
rs55864112	A	0.0414
rs2089796	C	0.0181
rs6426395	A	0.0269
rs35639613	A	-0.0346
rs12090282	C	-0.0203
rs7519591	G	-0.0324
rs115279672	C	-0.089
rs143257028	C	-0.1103
rs115432060	A	-0.063
rs77302871	A	0.1095
rs12741971	A	0.0867
rs17403661	T	-0.1447
rs113449567	T	-0.0298
rs10920909	A	-0.0213
rs34600721	G	-0.019
rs12074086	T	0.0214
rs12737341	T	0.113
rs1048007	G	-0.0173
rs17675964	A	0.0301
rs12125240	G	0.029
rs148086553	A	0.0723
rs113716074	A	0.0795
rs61821339	T	-0.0198
rs2737685	C	-0.0257
rs2819012	A	0.1097
rs73135916	G	0.0203
rs75676035	C	-0.0923
rs116125014	A	-0.0869
rs6667233	G	0.0226
rs115524974	G	0.0615
rs636706	T	0.0727
rs75403711	T	-0.0701

rs114371923	C	0.0657
rs3820329	A	-0.0339
rs72641985	T	-0.0419
rs72942400	A	-0.0226
rs12756255	T	0.0752
rs6537711	T	0.063
rs10800904	C	0.0169
rs79319121	A	0.0809
rs115673012	C	0.1128
rs4652486	A	0.0398
rs12758297	T	-0.0483
rs75160593	A	0.0445
rs61831260	G	0.0219
rs72738024	C	-0.0551
rs117086422	T	0.0317
rs17453664	A	-0.0221
rs17469946	C	0.0646
rs112126817	T	-0.0672
rs548382	A	0.0293
rs3010877	T	0.0233
rs111753518	G	-0.0792
rs1278286	T	-0.0464
rs75625821	T	-0.0638
rs12083518	G	-0.0177
rs141628151	C	-0.1423
rs72671359	T	-0.0633
rs10927175	T	0.0185
rs1281007	A	0.0448
rs2096192	C	-0.0357
rs77133864	G	-0.0475
rs7534884	A	-0.0228
rs114189512	T	0.1147
rs11576509	T	0.0813
rs75614215	G	-0.1059
rs10800496	C	-0.0163
rs144865396	C	0.0401
rs1251569	T	0.029
rs116948887	A	0.1009
rs2654863	C	0.0246
rs146467886	C	0.1093
rs41277154	A	-0.0384
rs34896470	C	0.0555
rs5744321	T	-0.0401
rs2464458	T	0.0713
rs1502361	A	-0.047
rs71638804	A	-0.0903
rs77731861	A	-0.0805

rs17571116	A	-0.0518
rs79720359	G	0.0658
rs12131622	C	-0.0753
rs6679093	A	0.0525
rs1962771	A	0.0202
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rs76117971	C	0.1181
rs34670710	A	-0.0297
rs145702246	T	-0.0697
rs230632	T	0.0169
rs578816	C	-0.0294
rs60897542	T	-0.0183
rs2780746	G	0.0184
rs897601	A	0.0287
rs10465684	A	-0.0167
rs146374773	A	0.0546
rs4595319	C	0.0163
rs351621	T	-0.0175
rs855314	G	-0.0243
rs78416005	C	-0.1057
rs12145491	A	-0.0169
rs504988	A	-0.0172
rs148015871	T	-0.0589
rs140469720	T	-0.0983
rs115132002	A	0.0833
rs3014564	C	0.085
rs4908464	C	0.024
rs4839240	C	0.0182
rs77785986	A	0.1012
rs335539	T	0.0163
rs139784145	T	-0.1323
rs913858	T	0.0228
rs79727816	G	0.0534
rs115793643	A	0.0946
rs79823009	G	0.0978
rs10926515	C	-0.0176
rs650169	T	0.0648
rs7553708	T	-0.0204
rs4073324	C	0.018
rs11207205	T	-0.0635
rs148405995	T	0.0788
rs6681714	C	-0.0223
rs61835577	G	-0.0279
rs55775299	A	0.1263
rs2276401	C	0.0251
rs149475289	A	-0.1457
rs35650616	G	-0.0874

rs149870074	A	0.083
rs71668681	G	-0.0596
rs114699405	T	0.1221
rs12133505	T	0.0231
rs78959810	A	-0.0742
rs7515690	T	-0.0242
rs61833528	A	-0.0576
rs227166	T	0.0175
rs1151781	A	0.0299
rs587874	T	-0.027
rs13302990	C	0.1115
rs80013027	A	-0.0448
rs72669184	G	-0.0547
rs11800782	A	-0.0415
rs550733	C	-0.0195
rs1628364	C	0.0163
rs1125969	A	-0.0205
rs5030772	G	-0.0241
rs4844629	G	-0.0603
rs28540714	T	0.0673
rs1630259	T	-0.0193
rs57799846	A	0.017
rs12751940	A	0.0526
rs78197863	A	0.0774
rs75641997	G	-0.0404
rs148650414	G	-0.0801
rs61797359	C	0.0324
rs16840259	G	0.0283
rs12144969	C	0.0291
rs149914664	T	0.1202
rs17516616	G	-0.08
rs41314019	C	-0.0415
rs7521883	G	-0.0285
rs72720695	C	0.0821
rs114378731	C	-0.0471
rs10430444	T	0.0413
rs140420618	G	-0.081
rs1966176	A	-0.0187
rs60579652	G	0.0569
rs79045700	A	0.0722
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rs4951633	T	0.0272
rs114011113	C	0.0373
rs113136881	G	0.0953
rs12723224	A	-0.0375
rs7546740	A	-0.0286
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rs77411382	A	-0.0796
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rs141063647	T	0.051
rs74874110	A	-0.0586
rs11207848	T	0.0183
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rs61798865	A	0.089
rs1568009	T	-0.0773
rs56255103	A	-0.0759
rs6600275	C	-0.0185
rs111990	A	-0.0171
rs701212	G	-0.0294
rs787501	T	0.0335
rs12731297	C	-0.0178
rs12117509	A	0.1028
rs6702956	G	0.0242
rs6682184	G	-0.0172
rs72716786	G	0.0778
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rs140332506	T	0.0658
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rs10927571	G	0.0243
rs13376117	T	0.0899
rs12022974	A	0.0165
rs644690	T	0.0189
rs1285672	T	-0.0177
rs350169	A	-0.0347
rs138690196	T	0.0919
rs61779483	G	-0.0671
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rs145453686	G	-0.0904
rs11580918	T	-0.071
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rs116062274	G	-0.1115
rs12141537	T	-0.0486
rs7537675	G	0.0161
rs7542624	G	-0.0217
rs145869910	C	-0.0483
rs141775713	G	-0.1435
rs7520743	C	-0.0197
rs72736518	C	-0.148
rs61770617	C	0.0605
rs75607745	C	-0.0752
rs139078373	T	-0.0535
rs57572926	A	-0.0362

rs75641209	T	0.055
rs1813697	C	0.0349
rs71659355	G	-0.0763
rs76908489	T	0.0355
rs12060186	T	0.0491
rs12125660	A	0.037
rs148943421	C	0.0566
rs6656361	A	-0.0368
rs114113183	A	-0.1398
rs111391080	A	0.0853
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rs1294248	T	0.0351
rs34754258	T	0.076
rs35588936	T	0.0322
rs72675711	T	0.0292
rs11184173	T	-0.0261
rs7516662	A	-0.0588
rs10753556	A	-0.0257
rs11805731	C	0.0666
rs12404222	A	-0.0248
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rs3986572	A	-0.0294
rs6426915	G	-0.0227
rs6657749	T	0.0276
rs2799426	C	0.0401
rs812490	C	0.0167
rs149924720	G	-0.0621
rs112959040	T	0.0824
rs151229393	A	-0.1634
rs147381469	C	0.0761
rs116641250	C	-0.0869
rs146814892	A	-0.0714
rs17379552	C	0.0612
rs4650979	C	0.0424
rs115027336	G	0.0474
rs72702797	A	0.0417
rs147553833	C	-0.0792
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rs780222	G	0.017
rs12726264	C	-0.0584
rs11118763	A	-0.0164
rs61768448	T	-0.056
rs520899	G	0.0735
rs1008044	T	0.0173
rs3991201	G	0.0479
rs688630	G	0.0161
rs12023508	A	-0.0296

rs6666749	A	-0.0369
rs7521278	C	-0.0311
rs80159087	C	-0.0563
rs12731608	A	0.0499
rs10789062	T	-0.0208
rs12406766	C	0.0858
rs72752632	T	-0.071
rs141579172	C	0.0571
rs2840594	C	0.0195
rs2284764	C	0.0621
rs12145632	C	-0.0249
rs2501866	C	0.0182
rs10881541	C	-0.0189
rs1218568	C	0.0162
rs146898375	G	0.0729
rs683259	G	-0.0182
rs12025700	T	0.0684
rs268959	G	0.0233
rs1332837	C	0.0394
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rs79692157	G	-0.0673
rs345318	C	-0.0261
rs115984622	A	-0.0991
rs112617645	G	-0.1047
rs11804365	T	0.0425
rs113632346	T	0.124
rs115568119	T	-0.0485
rs7354905	G	-0.0568
rs10754174	G	-0.0351
rs2998675	C	-0.0313
rs61776833	A	0.0484
rs1572970	G	0.0175
rs4658065	C	-0.0553
rs72741243	C	0.0693
rs2221056	C	0.052
rs1831386	C	-0.0523
rs167049	G	0.0188
rs17033823	C	0.0251
rs35359275	G	-0.0816
rs34619319	G	-0.0628
rs704335	G	-0.0269
rs7546054	G	0.02
rs12073953	A	-0.0577
rs79541564	T	0.0905
rs115917714	T	-0.1315
rs1124571	C	0.0217
rs77216079	A	-0.0277

rs115329703	T	0.0822
rs72667240	G	0.0284
rs116136153	G	0.0976
rs6594013	A	0.019
rs12717799	T	-0.0566
rs2818751	A	-0.0497
rs77821625	A	0.0918
rs78752457	C	0.0596
rs17370290	G	-0.0195
rs76353074	G	-0.0468
rs11207604	A	0.0185
rs2365739	A	0.0886
rs79722654	A	-0.0625
rs138191341	C	0.0607
rs75429460	A	0.0675
rs35737021	T	0.0317
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rs138397779	G	0.1036
rs12131952	C	-0.0582
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rs115820281	A	0.0873
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rs140307384	A	-0.1761
rs12032240	T	-0.0247
rs11800555	A	-0.1287
rs3753967	T	-0.0169
rs6695976	T	0.0305
rs634378	G	-0.0207
rs74545127	A	0.0845
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rs61820453	C	-0.0283
rs4649391	T	-0.0164
rs4660045	A	0.0246
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rs75743096	A	0.1064
rs12408872	G	-0.0186
rs72695624	T	-0.0562
rs75215783	C	-0.1229
rs1001450	C	-0.0219
rs6692022	C	-0.0164
rs142997609	T	0.0999
rs35133994	G	-0.0697
rs12048709	A	-0.0437
rs11584646	A	0.0206
rs78251402	T	-0.0393
rs75850462	T	0.0845

rs11576314	T	0.0242
rs116429809	T	-0.1047
rs10918865	A	-0.0796
rs12126932	T	0.0324
rs78947686	A	0.0627
rs116536189	A	-0.1105
rs305450	T	-0.018
rs114297274	A	-0.0844
rs34932255	T	-0.0668
rs138091205	A	-0.0674
rs116458495	T	0.0708
rs116174942	T	-0.0641
rs2783566	T	-0.0208
rs116266331	A	-0.0815
rs80150232	C	0.0891
rs72692641	C	-0.0798
rs139676619	C	0.0994
rs6690313	C	-0.1552
rs12023771	G	0.0814
rs141544704	G	0.0664
rs11580794	G	-0.0319
rs61800555	A	-0.0204
rs1570703	A	0.0207
rs1826869	A	0.0257
rs112472475	T	0.0759
rs12048938	A	0.0161
rs112643646	A	-0.0318
rs10493237	T	0.0464
rs149089731	G	-0.1376
rs6686530	G	-0.1053
rs56017663	T	0.0325
rs2494152	T	-0.0773
rs116527246	A	0.0807
rs147250922	T	-0.0849
rs12742498	A	0.0186
rs12724708	T	-0.0185
rs12744888	C	-0.041
rs12752623	T	0.0407
rs10747505	G	-0.0159
rs140688760	C	0.0892
rs515817	G	0.0308
rs421581	C	-0.0676
rs72755429	C	-0.1039
rs76957020	C	0.0727
rs35727106	A	-0.0415
rs6683363	T	0.0342
rs10863394	C	0.0225

rs6587475	C	-0.0326
rs139378764	A	0.1145
rs11210570	A	0.0185
rs77949454	A	0.1237
rs61596375	A	0.1038
rs41268143	C	-0.064
rs75776714	A	0.0467
rs2050631	G	-0.0209
rs6429165	A	-0.0203
rs144819745	G	-0.0381
rs116158959	G	0.1187
rs12403637	A	0.0625
rs116462983	A	0.0771
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rs146621382	A	-0.1256
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rs114937771	A	0.1496
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rs1537673	G	0.1151
rs142559665	T	0.0831
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rs35923204	T	0.0292
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rs72733498	G	-0.1174
rs115484426	G	0.077
rs6666753	G	-0.0341
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rs114722632	C	-0.0941
rs112129321	A	0.0726
rs12711523	C	0.0204
rs139682738	C	0.1111
rs12130305	C	-0.0175
rs5012557	T	0.0218
rs61775685	A	-0.025
rs116364108	A	0.0572
rs72755087	A	-0.0562
rs74365716	T	-0.0566
rs665404	T	-0.0182
rs72760712	A	-0.0287
rs2229346	T	-0.0517

rs138876697	G	-0.0704
rs28709840	T	-0.0628
rs1933127	G	0.038
rs34318293	C	-0.0372
rs12139592	A	0.017
rs515994	C	-0.0164
rs472291	C	-0.0198
rs17646887	A	-0.0417
rs7521960	A	-0.0318
rs78608505	A	0.0692
rs12026954	A	0.029
rs60861070	G	0.0296
rs157229	C	0.0296
rs11211039	C	0.0384
rs6424537	C	0.0178
rs954131	G	0.053
rs10912252	G	0.0168
rs2992975	A	-0.0228
rs4622084	C	-0.016
rs10493552	A	0.0199
rs139873722	A	0.1596
rs143161050	C	-0.0827
rs115581212	A	0.0754
rs61783659	A	-0.0545
rs79673968	A	-0.0621
rs6683544	C	-0.0245
rs1377185	T	0.0225
rs4846093	T	0.0402
rs4659580	G	-0.0164
rs71644143	T	0.0501
rs12567607	A	-0.029
rs17009413	A	-0.0752
rs6678087	C	0.0189
rs12138588	C	-0.0243
rs112967824	G	0.0624
rs78243131	T	-0.0805
rs10924250	G	0.0173
rs116216587	T	-0.0812
rs115340619	T	0.044
rs72940624	G	0.053
rs116612205	T	0.0517
rs76603889	A	-0.0426
rs36119740	T	0.0355
rs114305510	T	-0.1293
rs12567303	C	0.0417
rs79714321	T	0.055
rs113168578	G	-0.1521

rs150043657	A	-0.0595
rs60363194	C	-0.0214
rs12754595	T	0.0235
rs115284561	T	0.0935
rs61820606	G	0.0182
rs10864107	C	0.0193
rs10924443	C	-0.0829
rs11120921	T	0.0257
rs151201326	A	-0.0934
rs149036558	C	-0.1453
rs74747874	T	-0.083
rs10494786	C	0.0214
rs78041605	T	0.0905
rs72679370	T	0.0361
rs1573103	A	-0.0183
rs114490061	G	-0.117
rs150660317	A	0.0773
rs115951937	A	-0.1136
rs151236079	T	0.1022
rs115514468	G	0.0602
rs112053784	A	-0.0845
rs12410115	C	0.1262
rs12025264	C	0.0685
rs143604776	C	-0.0683
rs111870041	A	-0.074
rs112805060	C	-0.116
rs114192931	C	0.0635
rs67270594	T	0.0439
rs12723393	G	0.0239
rs115182063	T	-0.0641
rs61776521	G	0.0168
rs11586097	T	0.0646
rs2622839	C	0.0687
rs10494419	G	0.0354
rs12404709	A	-0.105
rs148090961	A	-0.0888
rs113953590	G	-0.07
rs1253920	T	-0.0167
rs12033311	T	-0.0666
rs76811775	A	0.0391
rs11588594	G	0.0289
rs56322649	G	-0.0654
rs114733917	C	0.0587
rs41265763	A	-0.0247
rs10800027	G	0.028
rs4651259	A	0.0166
rs114093725	A	0.0816

rs67671429	A	0.0666
rs78949413	C	-0.0454
rs6682983	A	0.0198
rs141803204	A	0.0838
rs9287171	G	-0.0201
rs115557950	T	0.0729
rs147105313	C	-0.0554
rs11206631	T	0.0177
rs583567	G	0.0296
rs77975395	G	0.0422
rs12735075	T	0.107
rs10888859	A	-0.0274
rs78203705	A	0.1082
rs150736640	T	0.1214
rs35239268	C	-0.0343
rs7340049	C	-0.031
rs10927415	T	-0.0205
rs75459718	A	-0.0293
rs75695038	G	0.0678
rs74532357	T	0.0529
rs7548404	T	0.0813
rs10753189	G	-0.0171
rs57407828	A	-0.0568
rs116514749	G	0.0883
rs72924725	G	0.0864
rs114853178	A	0.0768
rs75207638	G	0.0896
rs476078	T	0.0175
rs35380803	A	0.0358
rs2984921	A	0.0185
rs12141204	T	0.0243
rs17462950	T	-0.0305
rs913380	A	0.023
rs10493768	A	0.0166
rs4390174	G	0.0194
rs12036851	A	-0.0267
rs7523426	A	0.06
rs143879176	G	0.1356
rs41287896	T	-0.0545
rs149905240	C	-0.0553
rs418045	T	-0.0402
rs6704426	C	-0.0167
rs76229965	C	0.0401
rs116596241	T	-0.1165
rs80117212	T	0.0222
rs78143558	A	0.0472
rs3124812	C	0.0791

rs2170336	A	0.0234
rs72680142	A	-0.087
rs602721	C	-0.0229
rs11578811	T	0.0405
rs12133324	T	0.017
rs149092661	G	0.0761
rs71642135	T	-0.0398
rs11801921	A	0.032
rs76783193	C	0.0657
rs149429937	A	-0.0843
rs17383726	A	0.0603
rs41296702	G	-0.0894
rs2281951	T	-0.0212
rs16840459	T	0.0223
rs12745526	A	-0.0992
rs61814539	A	-0.058
rs78312504	A	0.0717
rs10802807	A	0.0205
rs230176	T	0.0789
rs12132423	C	0.1118
rs149181078	T	-0.1104
rs12117337	T	-0.1154
rs11585170	C	-0.0316
rs11122463	A	0.0177
rs7537892	G	0.0196
rs74902178	C	0.0856
rs115007802	T	0.0904
rs72753840	G	-0.09
rs75978000	T	0.0435
rs2817887	G	-0.0188
rs4912284	A	-0.0304
rs75814662	G	-0.0779
rs114809765	A	0.1208
rs2419051	T	0.0463
rs11162463	A	-0.0223
rs9332684	C	-0.0711
rs11119624	T	0.0163
rs779969	G	-0.0243
rs74487713	T	0.0771
rs76169194	C	0.034
rs71645099	A	0.0884
rs12568609	A	0.0193
rs2997397	A	0.041
rs585715	T	-0.0417
rs74137036	C	0.0332
rs113070614	G	-0.0963
rs12083329	G	0.0174

rs6429459	T	-0.0401
rs145075169	T	0.0994
rs55905275	A	-0.1189
rs1999522	T	-0.0825
rs6667659	G	0.0171
rs61831336	G	-0.0843
rs6426942	G	0.0391
rs79838635	G	-0.0328
rs821721	T	0.0176
rs113834473	C	-0.0919
rs12116715	T	0.0535
rs72758874	T	-0.0196
rs61627902	A	-0.0321
rs77604501	T	0.0634
rs3754282	A	-0.0257
rs115491031	A	0.1087
rs17609832	G	0.084
rs145618164	A	0.085
rs279784	T	-0.0209
rs113179718	A	-0.1061
rs113436563	G	0.0838
rs2843023	C	0.024
rs10918840	C	-0.018
rs41270961	A	-0.0467
rs11118526	C	-0.0217
rs12758566	T	0.0831
rs41296181	A	-0.08
rs111846770	A	-0.0547
rs6702708	C	-0.0315
rs2153209	C	0.0469
rs138980002	C	0.0829
rs78000528	T	0.1492
rs145119108	G	-0.0775
rs115923905	C	0.1071
rs17429732	C	-0.0301
rs12738683	T	0.1321
rs12740114	A	0.0394
rs145731215	G	0.0476
rs72722840	G	-0.0547
rs78075213	G	0.1358
rs12405989	A	-0.0211
rs77955855	A	0.0569
rs76789773	G	-0.0575
rs36062353	C	-0.0488
rs867541	A	-0.0234
rs55921142	T	0.0221
rs7554292	C	0.0188

rs12401946	C	0.0548
rs4083594	A	-0.0503
rs6699125	G	-0.0269
rs1041903	G	-0.0159
rs114513597	A	0.0793
rs11264629	T	0.028
rs2293914	A	-0.0326
rs138293109	T	-0.034
rs115399262	T	-0.0664
rs12045081	C	-0.0597
rs12406770	T	0.0349
rs12026049	C	-0.019
rs438226	C	0.0187
rs11206093	C	0.0198
rs77606061	A	0.0619
rs72662077	A	0.0329
rs34179374	T	-0.0528
rs4511072	T	-0.0541
rs1005430	G	-0.0282
rs17419887	T	-0.0453
rs11585866	A	0.0272
rs11163363	G	-0.0399
rs10800361	C	-0.0158
rs72743290	T	0.0436
rs1807765	T	0.0206
rs704784	C	-0.0171
rs76545972	G	-0.0378
rs3737801	G	-0.0371
rs79938519	C	-0.0803
rs1281400	C	0.0158
rs78544649	A	-0.1595
rs141208413	A	-0.0442
rs56145051	A	-0.0528
rs72722290	G	-0.0327
rs72705320	G	0.1034
rs142653990	C	-0.0748
rs12024644	A	-0.0533
rs2494875	T	-0.0656
rs1778194	G	0.0168
rs146602127	T	-0.0826
rs72764634	T	-0.0471
rs2483272	T	-0.0156
rs583993	C	-0.0196
rs79510932	A	0.071
rs115081814	T	0.0769
rs115190140	G	0.0415
rs113315424	C	-0.0762

rs2977309	G	-0.0312
rs75458566	C	-0.0765
rs116426689	C	0.0857
rs10908421	T	-0.0184
rs16831388	G	0.0212
rs1800894	T	-0.0459
rs56118223	A	0.0558
rs72653571	T	-0.0444
rs72690339	A	-0.0672
rs12144584	A	-0.0235
rs113360889	T	0.1186
rs305439	G	0.1367
rs147721231	T	-0.0698
rs146911246	A	0.0593
rs150014952	C	-0.0345
rs11581365	T	-0.0178
rs11204519	A	0.0192
rs147086118	A	-0.0479
rs144694424	T	-0.0642
rs112409607	A	0.0274
rs1560854	T	-0.0343
rs954145	G	0.0165
rs79372732	T	-0.1085
rs77204299	A	0.1672
rs61832422	G	-0.0289
rs55767926	C	0.0297
rs74103642	G	-0.037
rs2269340	C	0.031
rs78297962	A	-0.0282
rs3737775	C	-0.0173
rs114278956	T	0.1029
rs11208737	A	0.0753
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rs79666851	A	-0.1638
rs4384209	A	-0.0193
rs11184749	C	-0.0229
rs141794346	T	0.0359
rs80042656	T	0.0766
rs2181699	T	-0.017
rs80049208	T	0.0645
rs80115265	A	-0.1307
rs142370431	C	-0.081
rs76642104	T	-0.0375
rs61772078	A	-0.0288
rs727146	T	-0.0213
rs10922599	T	-0.018
rs147555573	A	0.1059

rs61806253	A	0.0688
rs9660066	C	-0.0177
rs17349327	T	0.0621
rs10493888	C	-0.0204
rs60601257	T	0.0235
rs116821865	A	0.0846
rs9424466	C	0.019
rs4258227	T	-0.0901
rs1203148	G	-0.0224
rs230275	C	-0.022
rs564691	G	-0.0175
rs17447254	C	-0.0378
rs143074967	G	-0.1092
rs4970781	C	0.0205
rs12024897	G	-0.0162
rs483581	A	-0.0254
rs12034664	C	-0.025
rs7533665	T	0.018
rs1180964	A	-0.0219
rs78599427	A	-0.1527
rs6672329	C	-0.0871
rs74467012	G	0.1206
rs75238248	G	0.0442
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rs563978	C	0.0182
rs77947184	T	0.0209
rs112885097	G	-0.064
rs628894	C	0.0859
rs115106543	T	0.0724
rs35540647	C	-0.0511
rs12046293	C	0.0255
rs150463431	A	-0.0697
rs78974779	C	-0.0305
rs114642111	T	-0.089
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rs4585986	T	0.0356
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rs17102234	T	-0.0734
rs61800495	T	-0.0199
rs61829929	A	0.0339
rs2780623	A	-0.0235
rs2103843	A	-0.0167
rs11263901	A	0.0316
rs17374740	C	-0.0698
rs72685053	T	0.0968
rs144920577	G	-0.0644
rs78841916	T	-0.0558

rs2495443	C	0.0213
rs10518566	G	0.0262
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rs17380875	G	-0.0216
rs114291761	C	-0.0663
rs215794	C	-0.0189
rs116174973	C	0.0602
rs76868233	A	-0.0369
rs72663617	C	-0.0434
rs114490184	C	-0.0515
rs113901921	G	0.0829
rs141977389	G	-0.0795
rs115448989	A	0.0625
rs4658701	A	0.0348
rs114153944	C	0.1244
rs148118904	C	0.0314
rs59439337	A	0.0248
rs3014716	C	0.0195
rs146089630	T	-0.1165
rs68077262	A	-0.0496
rs77287353	G	-0.0229
rs112958864	A	0.0776
rs11165877	A	-0.0171
rs116026144	T	-0.0914
rs61805740	A	0.0443
rs111655686	A	0.0523
rs860671	C	0.0892
rs9659032	T	0.024
rs75537824	A	0.0732
rs116540250	T	-0.0902
rs7519071	A	-0.0277
rs116567825	T	0.1031
rs140933147	G	0.0481
rs6661827	T	-0.0164
rs113030568	C	0.1348
rs12139478	T	-0.0726
rs140184639	T	0.104
rs140736122	A	0.0703
rs111379399	G	0.0422
rs12030888	T	0.024
rs4655315	A	-0.0234
rs138057118	T	-0.1229
rs74103109	C	0.068
rs61811251	A	0.0888
rs114256320	C	-0.0834
rs1340757	G	0.0191
rs7530206	G	0.0153

rs2501907	G	-0.0231
rs148454078	A	0.0796
rs10494197	T	0.0674
rs1780589	G	-0.0158
rs12129427	C	-0.019
rs34115388	T	0.0236
rs72665339	A	0.0218
rs75220762	T	0.0598
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rs16837190	A	-0.0344
rs61837910	G	0.0346
rs79089987	A	-0.0443
rs72720567	A	-0.0892
rs1885869	T	-0.0539
rs115737570	A	0.0813
rs118074722	G	-0.1489
rs74357102	C	0.0756
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rs61801981	T	0.0391
rs12034595	A	-0.0491
rs111479558	T	0.0459
rs115621681	A	-0.0978
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rs17368807	A	-0.0593
rs34148350	A	-0.0362
rs1898899	G	-0.0444
rs138694863	C	-0.0419
rs9440302	G	0.0156
rs80301732	A	0.0531
rs76619529	T	-0.0695
rs72669630	A	0.0584
rs9442568	T	-0.0819
rs2777819	T	-0.0172
rs17494100	C	0.0282
rs9012	T	-0.0174
rs77944585	C	-0.0465
rs3917740	A	0.0208
rs4916227	T	-0.0176
rs591779	A	0.0724
rs2689188	T	0.0228
rs6678663	G	-0.0768
rs79055281	G	-0.0696
rs113880620	G	-0.0932
rs112574188	T	0.0582
rs76564481	A	0.0568
rs299885	C	-0.0557

rs12074571	T	0.0324
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rs114102265	T	-0.0873
rs709781	G	0.0249
rs6428465	T	0.0552
rs149147748	A	-0.0781
rs12145590	T	0.0164
rs78257557	G	0.0572
rs114254129	T	0.1339
rs1857067	A	0.0195
rs2495052	A	0.0229
rs9438898	G	0.0178
rs12087924	A	0.0152
rs28624077	T	-0.1174
rs7416240	A	-0.0225
rs4950869	G	-0.0813
rs11584892	T	0.1343
rs2221513	G	-0.0219
rs72680029	G	-0.0381
rs143606474	C	-0.0864
rs145340493	A	-0.0812
rs112123396	A	-0.0834
rs76078802	T	-0.0521
rs16841495	C	-0.047
rs7544147	C	-0.0324
rs12746045	T	-0.0232
rs12117158	T	0.0595
rs7527281	A	0.0206
rs72708220	A	0.076
rs12137641	G	-0.0336
rs77013051	A	0.0615
rs12405527	A	0.0484
rs72657253	A	0.0296
rs79097692	C	-0.0403
rs627205	T	0.0251
rs76520844	A	-0.0431
rs74445827	T	-0.0501
rs11539794	T	-0.0318
rs114901383	A	0.1038
rs6600283	G	0.1134
rs57522009	A	0.1156
rs78452340	C	-0.0449
rs9435715	A	0.0308
rs2772286	C	0.0252
rs1856429	T	0.0555
rs2644427	C	-0.0184
rs11581124	A	-0.0679

rs112521404	A	0.0961
rs535464	A	-0.0191
rs111378850	T	-0.0703
rs112739089	G	0.0754
rs76851192	C	0.1109
rs115400630	C	0.0866
rs68128336	G	-0.0353
rs76866779	T	-0.0573
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rs115309021	T	-0.1316
rs10735522	A	-0.0286
rs718223	G	0.0223
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rs56013092	T	0.0245
rs116327143	A	0.0366
rs139656107	T	-0.1269
rs10890322	T	0.0423
rs7417514	C	-0.0169
rs71654463	C	0.0667
rs1262460	G	-0.0197
rs7412716	G	-0.054
rs149311007	G	-0.093
rs142292664	T	-0.1422
rs12131523	T	0.0298
rs28620204	T	-0.0322
rs11122585	T	0.0301
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rs61778891	A	0.0243
rs114583798	A	0.1021
rs79644349	T	-0.0926
rs149780363	C	-0.0773
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rs112476129	A	-0.0773
rs78227912	A	0.1003
rs11211085	A	0.022
rs13374908	A	0.0183
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rs57859589	A	-0.0331
rs114765344	A	0.0906
rs78805221	T	0.0524
rs77249372	T	0.1085
rs3905242	C	0.0177
rs143671446	A	0.1055
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rs2486544	A	-0.0357
rs12057544	T	0.0338
rs7542575	C	0.021
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rs149770901	T	-0.0972
rs142012823	T	0.1333
rs2049374	T	-0.0161
rs36089872	T	0.0819
rs12028512	T	0.0588
rs11808748	T	0.0245
rs6700245	C	-0.0225
rs77117253	T	0.0609
rs72655825	T	0.0838
rs115557213	A	0.0563
rs2500124	T	0.0569
rs141480431	G	-0.1027
rs10495394	G	0.0192
rs115221504	G	-0.0689
rs682568	G	-0.0191
rs77798531	A	0.0684
rs57731889	T	-0.0392
rs12406423	C	-0.0339
rs4920196	A	0.0459
rs11584516	A	0.0707
rs2419686	A	0.1015
rs146415525	A	0.1156
rs2379147	A	-0.0299
rs74060024	C	0.0614
rs17129842	G	0.0662
rs4950820	A	0.0641
rs35131135	C	0.0176
rs12094945	G	-0.0174
rs149125354	A	0.0888
rs857833	A	-0.0185
rs141877812	C	-0.0879
rs116756988	C	-0.0787
rs12044721	C	0.0568
rs78509280	C	0.0968

rs142919902	T	0.0936
rs4844730	C	0.0256
rs116229131	C	-0.097
rs4654589	T	0.0613
rs6600331	A	-0.0244
rs9425454	A	0.0985
rs1317950	G	-0.017
rs4660198	G	-0.0317
rs76159588	C	-0.0795
rs789987	T	-0.055
rs149060239	A	-0.0858
rs6682004	T	-0.0344
rs7550075	G	-0.0202
rs116203263	A	-0.0858
rs147143327	C	-0.1302
rs1775403	G	-0.0169
rs112507592	A	-0.0713
rs79815707	G	0.0301
rs72976575	G	-0.0295
rs16830722	A	-0.0548
rs80062140	G	0.0583
rs3762302	C	-0.0564
rs114379464	C	-0.0628
rs113909471	T	0.0766
rs148974843	G	0.0464
rs12756599	T	0.0381
rs141727213	T	-0.0596
rs6700898	C	0.0545
rs12129038	T	-0.0259
rs6670042	G	-0.0272
rs6672167	A	-0.0226
rs7516864	A	0.0917
rs11585755	T	-0.0818
rs112254643	A	-0.0221
rs112911943	T	-0.0294
rs803314	T	0.0281
rs115022189	T	0.0992
rs143408971	G	-0.0345
rs74226456	A	0.0862
rs114027441	T	0.0613
rs72909349	A	0.1062
rs115233556	C	-0.0795
rs150613020	A	-0.0966
rs79424330	A	0.0872
rs1149143	T	0.025
rs78770848	G	-0.0781
rs76535746	C	-0.103

rs11102043	T	-0.0206
rs75238544	A	-0.0763
rs116650174	A	-0.075
rs11207770	G	0.0662
rs2483060	T	-0.0192
rs115562318	A	-0.0888
rs115076274	A	0.0569
rs114054677	C	0.098
rs16839923	A	0.0436
rs60610707	G	-0.0975
rs12068040	C	-0.0292
rs140812298	C	-0.091
rs72653570	T	0.0489
rs11210840	G	-0.0163
rs139887902	G	-0.0997
rs12144799	T	-0.0231
rs316041	C	-0.0183
rs74654691	C	-0.0709
rs116228017	A	-0.1074
rs6657370	G	0.0177
rs76025221	T	-0.084
rs12118224	G	-0.0189
rs76455346	C	0.0903
rs57557070	C	-0.0727
rs143046899	A	0.0905
rs74227539	T	-0.0579
rs12405504	G	-0.0462
rs12090091	A	0.0441
rs112869322	T	0.055
rs761191	C	-0.0156
rs78904702	C	-0.0257
rs35153588	C	0.0422
rs6677930	A	-0.0152
rs6688960	G	0.0891
rs4915686	T	-0.0181
rs116285028	T	0.1319
rs4291550	C	0.0378
rs77184573	C	0.0813
rs34780349	T	0.0179
rs1954655	A	-0.0154
rs2813866	A	-0.0163
rs12043211	T	0.0186
rs4661591	G	0.083
rs34757318	C	0.0693
rs4633275	C	0.0801
rs2365716	G	-0.0246
rs2791149	C	0.0355

rs149846278	A	0.0873
rs12741740	A	0.0163
rs10800197	C	0.0185
rs111924481	G	0.0677
rs2486946	C	-0.0214
rs16853565	C	0.0233
rs61766491	G	0.048
rs878149	A	0.0363
rs78323113	C	0.0724
rs12406508	G	0.0258
rs72553940	C	-0.1179
rs12135820	A	0.0485
rs16845661	T	0.0364
rs12146097	T	0.026
rs17485987	C	0.0992
rs150876215	A	-0.1045
rs115977729	C	-0.082
rs144622813	T	-0.0699
rs17011636	C	0.0263
rs116060508	T	0.0418
rs6658879	C	0.0691
rs7539303	C	-0.0289
rs75079782	A	-0.0834
rs57796953	C	0.023
rs2499007	A	-0.0561
rs2348100	C	-0.0156
rs2665495	T	-0.0303
rs2661339	T	-0.0363
rs6664341	C	-0.0193
rs764784	A	-0.0288
rs138758802	T	-0.074
rs79233553	A	-0.0582
rs74412575	T	-0.0794
rs141941623	G	0.0513
rs146197586	A	-0.0974
rs78154349	G	-0.1041
rs12410429	C	0.0163
rs58991938	T	0.0322
rs36105915	T	0.0523
rs139249031	T	0.0884
rs115870276	A	0.1053
rs12140095	T	0.0779
rs116806515	C	0.0991
rs72993043	T	0.0739
rs593398	C	-0.0445
rs115733833	C	0.0614
rs115524967	A	0.0904

rs61766990	T	0.0422
rs12732029	A	0.0262
rs16848431	T	0.02
rs115601228	A	-0.1001
rs79017607	C	0.0892
rs12402825	C	0.0315
rs77679825	G	0.0784
rs6700210	G	-0.0211
rs1002485	C	0.0157
rs499506	A	-0.0204
rs12134357	C	-0.0174
rs10917180	C	0.0477
rs116332132	G	-0.0614
rs68022491	G	-0.0396
rs77931656	A	-0.1001
rs35612490	T	0.0505
rs4916416	C	0.0163
rs115340693	A	-0.0658
rs116241822	G	-0.0872
rs395145	C	0.0162
rs6684654	A	0.0919
rs11165236	A	0.0192
rs141625499	T	0.0758
rs61819466	T	-0.0658
rs116782275	G	-0.088
rs10754845	C	-0.0171
rs61830186	A	0.0757
rs12751525	G	-0.0153
rs2640045	T	-0.0206
rs145599169	G	0.0828
rs1892540	A	0.0199
rs141795354	G	-0.1592
rs77338647	A	-0.031
rs12068094	C	-0.1242
rs57750866	A	0.0862
rs79533696	T	-0.051
rs17540663	C	0.0383
rs12735445	G	-0.0175
rs61824466	A	-0.0379
rs12082678	A	0.039
rs144099387	C	-0.0605
rs140974316	C	0.0896
rs74954327	C	-0.0628
rs146186906	A	-0.0644
rs72749335	T	0.0582
rs829410	G	-0.0522
rs111332383	A	-0.1201

rs17380775	A	0.0687
rs80312623	A	0.0721
rs58324836	G	-0.0963
rs2566754	G	-0.0154
rs4147828	G	0.0198
rs1925429	C	0.0159
rs77293842	T	0.0277
rs4565750	G	0.0194
rs150776326	T	-0.0837
rs12744552	C	-0.023
rs116621932	T	0.0797
rs115841294	T	0.0443
rs16864157	T	-0.015
rs228644	A	0.0153
rs6684158	G	0.0169
rs146720012	C	0.088
rs3767339	A	-0.0159
rs34777555	C	0.1155
rs61831339	T	0.0168
rs58675256	T	-0.0675
rs2145419	C	0.0203
rs72708352	T	0.0393
rs74458710	T	0.0673
rs2821320	T	0.0171
rs12138511	G	0.0585
rs74972820	T	0.043
rs35373323	A	-0.0476
rs41265166	C	-0.044
rs12119587	A	0.0624
rs4654337	T	-0.0198
rs10754240	T	0.0153
rs76979993	A	-0.0535
rs72657943	G	0.032
rs114468060	A	0.0576
rs115072175	T	0.0437
rs2462926	C	-0.0284
rs6422125	T	0.0391
rs12031423	T	-0.0182
rs150548184	T	0.14
rs75471648	T	-0.0763
rs12567200	G	-0.0256
rs16852778	T	-0.0218
rs79421271	G	-0.0419
rs41277640	T	-0.1064
rs12127009	A	0.0221
rs60788429	T	-0.0236
rs11585798	A	-0.0371

rs116239241	T	0.0677
rs72752838	A	-0.0482
rs12120766	G	-0.0498
rs115048192	T	-0.0638
rs7546296	T	0.0156
rs74443351	A	0.0886
rs267745	C	-0.0159
rs4846362	A	0.03
rs79432908	T	0.0358
rs113574832	T	-0.0711
rs17491176	A	-0.0225
rs12060150	G	-0.0187
rs2813694	C	-0.0265
rs223192	C	0.0221
rs11211073	T	0.0186
rs75214981	C	0.0714
rs9730423	T	0.025
rs4246525	C	0.0169
rs10494422	C	0.0271
rs115913254	T	0.0501
rs12091593	C	0.0239
rs2803307	A	0.0237
rs12034577	A	-0.0184
rs116836116	A	0.1282
rs6661774	G	0.0252
rs2132485	G	0.0159
rs12566571	T	0.0244
rs12048517	G	-0.0491
rs139362388	C	0.0762
rs4951354	G	0.0199
rs10864735	T	-0.0171
rs72693130	A	0.0378
rs61820500	A	-0.0375
rs12141017	A	0.0524
rs61760819	G	-0.0191
rs782655	A	-0.1119
rs17020572	T	0.0856
rs7546733	G	0.0371
rs9787098	A	0.0185
rs773568	A	0.0168
rs10779404	C	0.0201
rs114120672	G	0.1075
rs116166162	G	-0.1144
rs7531089	C	-0.0159
rs144716886	A	0.0842
rs9662345	C	-0.019
rs10458411	C	0.0218

rs12126638	C	-0.0188
rs115730473	C	-0.1586
rs57414802	G	0.0681
rs115558877	G	-0.1745
rs6682749	A	-0.0158
rs75679674	T	-0.0499
rs6679724	A	0.0222
rs1517756	C	-0.0503
rs75272860	A	-0.0813
rs1408138	T	0.0271
rs139310104	G	-0.1312
rs7546255	C	-0.028
rs7548522	T	0.039
rs80131221	C	0.0368
rs10429941	C	0.0176
rs79066874	G	-0.0423
rs12726656	A	-0.0369
rs10921094	G	0.0219
rs74103693	T	-0.065
rs3738226	T	-0.0165
rs73044273	G	-0.0325
rs17577296	C	0.0397
rs74741649	A	0.0838
rs112593694	C	0.0937
rs113288136	G	-0.0498
rs12565489	G	-0.0663
rs141541045	T	0.1245
rs12047249	G	-0.0234
rs75721924	T	0.05
rs11465212	A	-0.064
rs12407294	C	0.0173
rs2288990	G	0.0253
rs139835511	A	0.1053
rs79783208	C	-0.0729
rs2764916	C	-0.0259
rs1245036	C	-0.0258
rs73062478	G	0.048
rs114989025	T	-0.0672
rs77903336	T	0.0402
rs10782545	T	0.0193
rs75656152	A	-0.0626
rs12408483	A	0.0755
rs72684147	C	-0.0468
rs11102172	A	-0.0158
rs149015008	T	0.096
rs61825848	G	-0.0471
rs7533579	G	-0.0217

rs113490379	G	0.0666
rs11810323	T	-0.0688
rs75521358	T	0.0787
rs59927172	C	0.0224
rs765344	C	-0.0179
rs80017627	C	-0.0908
rs4233038	C	0.0174
rs2284447	T	-0.0371
rs10798206	G	0.0152
rs11578819	G	-0.0157
rs80269166	C	0.056
rs12133265	A	-0.0399
rs112258042	A	0.1444
rs505585	C	0.0192
rs696950	C	-0.0214
rs116200414	C	-0.116
rs845249	G	-0.0354
rs78010002	T	-0.0797
rs11803512	T	0.0407
rs56202307	G	0.0247
rs12141308	G	-0.0525
rs12044370	T	0.0199
rs12127595	A	0.027
rs2334007	T	0.0246
rs151069054	T	-0.091
rs56353055	G	0.0295
rs72703822	G	-0.0249
rs6700387	A	-0.0269
rs150031287	G	0.0835
rs10911997	C	0.0251
rs78372405	G	-0.0402
rs77517931	C	-0.1082
rs1032622	C	0.0214
rs850598	G	-0.0222
rs912771	A	-0.0893
rs4654344	C	-0.0168
rs114970726	G	0.1383
rs7539318	C	-0.0189
rs10492941	A	-0.0269
rs72694349	T	-0.0348
rs5744387	T	-0.018
rs114133233	T	0.0577
rs78266728	C	0.0923
rs354577	C	0.0598
rs12081070	A	0.0154
rs61782770	G	0.0368
rs12404339	G	-0.0171

rs114040979	C	-0.0533
rs12029987	A	-0.036
rs4951304	C	-0.0158
rs143847385	A	-0.0655
rs617352	G	-0.0248
rs7542908	A	-0.0344
rs17013505	C	0.0584
rs114841368	C	-0.043
rs78092370	G	0.0404
rs79657041	G	-0.0708
rs4140599	C	-0.018
rs12075454	T	-0.0454
rs2817160	A	-0.0337
rs114839960	G	0.0943
rs72757982	T	-0.0893
rs9435502	A	0.0192
rs4284259	A	-0.0187
rs12125927	A	-0.0307
rs10874584	G	0.1007
rs72701115	C	-0.0712
rs113024100	T	0.037
rs114803524	G	0.0549
rs6656693	A	-0.0194
rs78230742	C	0.1064
rs6660541	A	-0.0151
rs78136127	A	-0.075
rs235900	T	0.0203
rs16851653	A	0.0238
rs115567131	T	-0.0978
rs72701768	C	0.0379
rs142872794	C	-0.092
rs3790506	A	0.0163
rs7535067	A	-0.024
rs145149515	G	-0.1258
rs6540469	T	0.0158
rs12407872	A	-0.0471
rs114595309	A	0.0706
rs78561794	C	0.0437
rs10924242	A	0.0208
rs1287638	C	0.0163
rs2235657	T	0.0163
rs35375306	G	-0.0191
rs2821008	G	-0.0276
rs12749098	T	-0.0168
rs78534769	A	0.109
rs1766862	C	0.0157
rs17749164	C	-0.0166

rs71636981	A	-0.0451
rs72739261	G	-0.0936
rs116144052	T	0.1025
rs72711942	G	0.0338
rs71628182	T	0.0819
rs139327323	A	0.1258
rs144847084	G	-0.0666
rs7539154	G	0.0152
rs6686192	C	-0.0155
rs149420428	G	-0.0557
rs6696124	G	-0.0205
rs59836162	G	0.0337
rs76461308	G	0.0676
rs11119151	G	0.0214
rs144645398	C	0.0669
rs78497600	T	-0.0347
rs41265043	T	-0.0638
rs114081439	T	-0.0685
rs149429732	T	-0.0686
rs4075770	C	-0.0195
rs143022055	G	0.0518
rs61814666	G	0.039
rs55969443	A	0.0507
rs12039019	C	0.018
rs55899417	A	0.0395
rs114086144	A	-0.0482
rs61784991	A	0.0442
rs11587570	A	-0.063
rs61827145	T	0.0585
rs76994094	T	-0.1004
rs72695737	C	-0.0214
rs61751618	A	0.0808
rs4264045	T	0.0296
rs140465460	A	-0.1028
rs6421774	C	-0.0179
rs10798814	A	-0.0213
rs114675732	C	0.0762
rs75713973	A	-0.0634
rs7535528	A	0.016
rs2764417	T	-0.0163
rs3767818	A	0.0391
rs319469	C	0.0153
rs10917734	G	0.0196
rs10912414	C	-0.0182
rs1040071	A	0.0416
rs77227444	T	-0.0623
rs142541602	C	-0.0386

rs2642424	T	-0.0198
rs7529467	T	0.0505
rs10911135	C	0.0213
rs10924626	C	-0.1075
rs145407295	T	-0.0616
rs116035891	A	0.0282
rs141582054	A	0.0906
rs3737788	C	0.0281
rs4636	A	-0.0152
rs12404082	A	-0.1064
rs145550811	T	-0.0857
rs114450555	A	-0.0374
rs55966412	G	0.0499
rs78441269	T	0.0813
rs77555104	G	-0.0701
rs147421968	A	0.0844
rs148046521	T	-0.0804
rs4908186	A	0.0161
rs506203	C	-0.0319
rs12751868	G	0.0316
rs16839082	C	0.0683
rs61765772	T	-0.0222
rs11209710	C	0.0158
rs34122915	C	-0.0178
rs60417255	T	0.052
rs72718226	G	-0.0559
rs61820280	G	-0.0542
rs115303481	C	0.0681
rs16851396	G	0.0339
rs112670465	G	0.0272
rs10779709	G	-0.0183
rs61787116	T	0.1032
rs111412492	A	0.0878
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rs7520762	T	-0.0588
rs12563995	A	0.0534
rs12119793	G	-0.0184
rs7524016	A	0.0471
rs12073092	A	0.0158
rs6672392	G	0.0575
rs141725222	A	0.0638
rs147672681	G	0.0711
rs74967992	A	0.0368
rs76447136	A	0.0724
rs12143879	T	0.0583
rs2819018	C	-0.0187
rs114892127	C	0.0629

rs35162334	G	-0.0856
rs12726792	A	-0.016
rs7416504	C	0.0153
rs61767170	A	0.0786
rs5745497	G	-0.1115
rs4402131	C	0.0407
rs662755	A	0.0182
rs932523	C	-0.0191
rs36028110	T	0.0515
rs116815646	T	0.0908
rs78779556	A	0.0291
rs114686747	G	-0.0738
rs34513293	C	0.0618
rs1022553	A	0.0461
rs112546370	T	0.0512
rs55706919	A	0.0198
rs78757699	T	-0.0767
rs142848033	C	0.0979
rs150253154	A	0.0925
rs74527697	G	0.0729
rs74563610	C	0.057
rs9424471	T	-0.0386
rs75186165	C	0.0576
rs4550088	C	-0.0173
rs12026072	A	-0.0391
rs116553886	A	-0.0835
rs10918295	G	-0.0209
rs148417960	C	-0.0523
rs12131593	T	0.0229
rs6427992	G	0.0151
rs80156143	A	0.036
rs116425548	G	-0.0671
rs138023510	A	-0.1098
rs10789303	T	-0.0189
rs115396324	A	-0.0861
rs114900352	G	0.0892
rs2746495	A	-0.1025
rs72709975	C	-0.1276
rs630904	A	-0.0216
rs4908593	A	0.0158
rs11203246	T	0.0252
rs139367419	T	-0.0869
rs149952981	A	0.0481
rs80336408	T	0.0244
rs73111933	G	-0.0435
rs77889653	G	-0.0423
rs5009401	A	-0.0149

rs72659446	T	-0.0668
rs67209740	C	-0.0416
rs4915495	G	-0.0203
rs12741831	A	0.1132
rs4908493	C	0.0195
rs150123494	A	-0.1617
rs641805	T	-0.0149
rs698275	G	0.027
rs12122693	T	0.0209
rs147493809	T	-0.0482
rs116245103	A	-0.0459
rs11162633	T	0.0186
rs77854862	A	0.0507
rs138263195	C	0.0633
rs79345993	G	-0.1243
rs138321677	T	-0.1075
rs12089885	C	0.0238
rs75302311	T	0.032
rs12042664	T	0.076
rs141511341	T	0.0841
rs72725489	C	0.0869
rs634828	A	0.0152
rs78578141	T	-0.1133
rs9660372	C	0.0186
rs72716040	G	-0.0416
rs76280784	A	-0.0655
rs75562159	A	-0.0931
rs74935805	A	-0.0563
rs11799687	T	-0.0602
rs6588488	C	0.0209
rs116123503	G	-0.1064
rs4651380	T	-0.1012
rs13374832	A	0.0227
rs113369305	T	-0.1224
rs12116497	T	0.0151
rs146813894	A	-0.0532
rs2992032	T	0.1102
rs58759025	C	-0.0831
rs4915724	T	-0.0541
rs74980615	G	0.0253
rs34658635	C	-0.0509
rs71654213	T	0.0159
rs72737543	C	0.0292
rs12064625	T	-0.0173
rs10922050	T	-0.0178
rs56183947	G	0.0736
rs72727446	A	0.0473

rs140415830	T	0.0584
rs17643861	A	0.0149
rs139346781	C	-0.0723
rs28546096	A	0.0248
rs115289661	T	0.071
rs2811608	C	0.019
rs114628928	G	-0.048
rs6428113	G	-0.0148
rs72646001	C	-0.0479
rs67874885	A	-0.0334
rs17221756	G	0.07
rs75924941	A	0.0458
rs56118188	G	-0.0501
rs115003999	C	-0.117
rs61813572	A	-0.0193
rs10803154	T	-0.0175
rs12116433	T	0.0694
rs2207028	C	-0.0374
rs114899232	T	-0.0949
rs78414263	T	0.0823
rs3917695	A	0.0894
rs114605216	C	0.0414
rs150512411	C	0.0951
rs114621346	A	0.0674
rs145760339	C	0.0752
rs1483197	C	0.0272
rs2429625	T	-0.0277
rs12125028	A	-0.0194
rs72731241	A	-0.0338
rs72753780	G	-0.0209
rs114335025	T	-0.0425
rs147432670	G	0.0546
rs113014636	A	-0.0536
rs4578256	A	0.0228
rs74594097	T	-0.0274
rs11208400	C	0.1035
rs11577681	C	-0.0198
rs56178715	C	0.0395
rs78456148	A	-0.0348
rs74758891	G	-0.0506
rs12083048	A	0.0818
rs74468888	T	-0.0548
rs7547666	T	-0.0163
rs74688418	A	0.0299
rs3855976	A	0.1005
rs116114858	T	0.1033
rs17587619	G	0.0813

rs143107733	C	-0.1122
rs613836	C	0.0369
rs79229877	C	0.0572
rs77469034	A	-0.0482
rs11185444	A	-0.0399
rs4631763	A	-0.031
rs114028708	G	0.08
rs7552825	T	0.0178
rs1745384	T	0.0173
rs2817139	A	0.0208
rs12121018	A	0.0268
rs72864351	C	0.0307
rs78652364	A	0.0672
rs36123104	C	0.0281
rs75788809	C	0.0519
rs35428538	A	-0.0343
rs1107685	G	-0.0183
rs115632294	G	0.0898
rs77098383	G	-0.0263
rs72654114	G	0.0397
rs59811057	C	-0.0165
rs11209549	C	0.0201
rs34391119	A	-0.0538
rs61818287	A	0.0313
rs28369914	T	-0.0263
rs148438722	A	-0.0979
rs1418283	G	0.0163
rs141268288	T	0.0742
rs140509334	A	-0.091
rs1509173	G	-0.0197
rs113877196	G	-0.0612
rs74884724	T	-0.1023
rs12037545	T	0.0151
rs2151566	A	0.0182
rs11208273	T	0.0188
rs4915067	T	0.0207
rs223183	G	-0.0156
rs34975537	A	0.0293
rs6664007	G	-0.0269
rs2026604	A	0.0164
rs12041859	C	0.0192
rs115647720	C	0.0886
rs142613066	T	0.0707
rs2501799	A	-0.1589
rs112746841	G	0.0441
rs12122674	T	-0.0477
rs3131326	C	-0.0153

rs55652927	T	0.0499
rs12069743	A	-0.0451
rs111773331	G	0.0529
rs72758208	T	0.0395
rs72661482	G	-0.0493
rs613854	A	0.0236
rs71635176	T	0.0174
rs61255339	C	0.0232
rs114049885	T	0.0814
rs115965909	C	-0.0554
rs2796431	C	-0.0215
rs145666315	C	0.0931
rs114512207	T	0.0663
rs59476089	C	0.0276
rs2811218	A	-0.0189
rs115350169	T	-0.0652
rs77593501	G	0.0476
rs4656873	C	0.0254
rs10915437	G	-0.0158
rs77797159	A	-0.1065
rs143567913	A	0.0949
rs11162963	C	0.0158
rs115511493	C	-0.0563
rs78834501	C	0.0987
rs12758792	T	0.0193
rs11568025	C	-0.0473
rs1001451	G	-0.0289
rs9804150	G	0.0173
rs117180039	G	-0.1135
rs55909245	A	0.0367
rs10779772	G	0.0178
rs12022874	T	-0.0175
rs115605566	A	0.0945
rs57393000	T	0.0376
rs79019045	C	0.109
rs11590058	T	0.0393
rs2618679	G	0.0193
rs36020348	T	-0.0265
rs12077532	G	-0.0208
rs55794494	T	0.0447
rs61777100	A	-0.0201
rs6696260	C	-0.0164
rs79832845	T	0.0308
rs16848865	A	0.0185
rs75491244	G	0.0445
rs209618	G	-0.0153
rs114996892	T	-0.0662

rs6686288	G	0.0165
rs4376697	T	0.0326
rs61778963	A	0.0718
rs670318	T	0.0513
rs12128285	G	0.0817
rs137982506	T	0.0563
rs75701038	C	0.0825
rs77258168	T	0.1331
rs72732426	G	0.0499
rs77830010	T	0.0559
rs116757305	T	0.0901
rs2281165	C	0.0535
rs115342503	A	0.0684
rs2065585	A	-0.015
rs4504927	G	0.0449
rs11577194	T	-0.0154
rs6604643	G	0.0154
rs41299852	C	-0.0709
rs6687487	A	0.0268
rs594631	T	0.0185
rs3767511	C	-0.0177
rs4659713	G	0.0205
rs2794606	G	-0.0164
rs113817032	A	0.0799
rs1056426	C	0.0422
rs639963	C	-0.0256
rs732168	A	-0.0184
rs11263922	C	0.0238
rs11206783	A	0.0502
rs146481179	T	0.0387
rs76678788	G	0.0234
rs12032929	C	-0.0197
rs12562285	A	0.0368
rs112974377	A	0.0592
rs11806845	T	0.0517
rs1280998	G	0.0202
rs55680611	C	0.0457
rs72724331	A	-0.0845
rs34320811	A	-0.0179
rs7517630	C	-0.0209
rs116604235	T	0.102
rs76890648	G	0.0975
rs111632554	C	-0.0846
rs113734234	T	0.0457
rs116388519	A	-0.0584
rs113194489	A	0.0592
rs116096722	A	-0.0776

rs17442177	A	0.0211
rs6428670	T	0.0202
rs72727763	A	0.0712
rs77951540	T	-0.1181
rs61828476	C	0.0179
rs11810574	G	-0.0314
rs10888916	T	0.0148
rs2271657	C	-0.0188
rs11810035	T	0.0397
rs12126945	T	0.0503
rs78858434	G	-0.0738
rs114423198	T	0.0896
rs72699082	A	-0.1345
rs16853843	T	0.0315
rs60828658	G	-0.0325
rs2231602	A	-0.1447
rs4661157	A	0.0846
rs2759345	T	0.0152
rs11576577	T	-0.0528
rs139350729	A	0.0404
rs7541465	T	-0.0199
rs115257678	T	0.0828
rs140032488	T	0.0449
rs4147822	A	0.0146
rs3850626	T	0.0195
rs76715026	T	-0.0548
rs76563474	G	0.0635
rs17805885	A	-0.0178
rs114104906	T	0.0842
rs902038	A	0.0182
rs17045832	T	0.0715
rs10797517	C	0.0382
rs72949404	C	0.1029
rs112428360	A	0.0929
rs58269262	A	0.0377
rs61823192	T	-0.1049
rs4027086	C	0.0792
rs113027503	T	0.0662
rs74829424	T	-0.0379
rs953559	C	0.0256
rs142349238	A	0.0762
rs543445	A	-0.023
rs945878	C	-0.0146
rs4926968	A	0.0272
rs75532789	T	-0.0256
rs138592732	T	0.0401
rs116799835	T	-0.0952

rs113136288	T	-0.0488
rs75247039	T	-0.0847
rs6695232	G	0.0148
rs146962891	C	-0.104
rs72732514	A	0.055
rs35716316	C	-0.0171
rs7549212	C	0.0267
rs2892671	T	0.0186
rs78535247	A	-0.0331
rs61803116	A	-0.1121
rs2865210	A	-0.018
rs72676142	G	0.0462
rs12141960	A	-0.0757
rs72945945	G	0.0548
rs116543016	T	-0.1025
rs2485579	A	-0.029
rs12750493	A	0.0221
rs10458421	T	0.1046
rs74154617	G	-0.0307
rs75325675	T	0.0645
rs7535761	A	-0.0176
rs113848213	A	0.1025
rs149358156	T	-0.0623
rs701608	G	-0.0155
rs17416416	C	-0.0677
rs1780362	G	0.0326
rs17629839	T	-0.0263
rs78228745	T	0.0296
rs151067776	G	0.0522
rs12025892	T	-0.0487
rs10799183	C	-0.015
rs535415	T	-0.0201
rs6682811	T	-0.042
rs112543484	G	-0.0982
rs75873223	G	-0.0912
rs146955465	T	0.0448
rs12756328	G	0.0532
rs115721876	A	0.0606
rs61772167	T	0.0719
rs146624176	T	-0.0613
rs143359046	G	-0.1257
rs6695241	G	-0.0148
rs115365666	G	0.0652
rs4659769	C	0.0162
rs11185100	G	-0.0212
rs12728345	A	0.0405
rs74748843	T	0.0916

rs17387330	A	0.0155
rs9437001	A	0.0201
rs2995813	G	-0.025
rs12033446	G	-0.0256
rs12122623	A	0.0264
rs12092793	T	-0.083
rs12731638	T	-0.0607
rs79672958	A	0.0438
rs10927187	C	-0.1073
rs75330410	A	0.0326
rs12404496	C	-0.0169
rs12752575	C	0.0151
rs61832162	A	-0.038
rs115095750	A	-0.0643
rs146178037	G	0.0414
rs4845843	A	0.0206
rs143803812	A	0.0812
rs4653207	A	0.0149
rs76923822	C	0.0656
rs10754434	A	0.0166
rs56209138	A	-0.0194
rs78017377	T	-0.0499
rs6540739	G	-0.0144
rs4150005	G	-0.02
rs977325	T	0.0958
rs12562739	A	0.0923
rs2807546	A	0.0182
rs72671567	G	-0.1298
rs116547213	G	-0.0585
rs115990677	T	-0.0501
rs6686615	A	0.0147
rs12045355	A	0.0344
rs72744520	C	0.0717
rs115258215	G	0.0878
rs4925661	A	0.0188
rs841686	A	-0.0148
rs12040461	A	-0.0236
rs138641859	T	0.131
rs7540853	T	-0.0157
rs3128441	C	0.0243
rs4390217	G	0.0168
rs112526376	A	-0.0773
rs79490472	T	0.0514
rs3922650	A	0.0145
rs75065567	A	-0.0638
rs10796884	A	-0.0159
rs149448699	T	-0.0568

rs16829396	T	-0.0265
rs11121152	C	0.0166
rs7515062	A	0.0482
rs76525015	C	0.0729
rs147817975	A	-0.0999
rs77463781	C	-0.0724
rs1900735	A	-0.016
rs16839662	G	-0.0741
rs3006024	A	-0.0222
rs114525519	T	0.0682
rs12030256	C	0.0228
rs72707744	A	0.0273
rs12756904	C	-0.0239
rs116437674	T	-0.0893
rs6541014	T	0.0172
rs116475498	T	0.0327
rs10493807	A	0.0434
rs354623	A	0.015
rs55951001	T	0.0435
rs472908	G	-0.0144
rs72695311	A	0.0262
rs2269250	T	-0.0175
rs115189087	A	0.0861
rs16838636	A	-0.0698
rs114742337	A	0.0661
rs12047184	T	0.0194
rs144823364	G	-0.102
rs79383964	C	0.1007
rs818517	A	-0.0173
rs55909365	C	0.0211
rs1046542	G	0.0205
rs111704584	A	-0.0778
rs6696074	C	-0.0155
rs780257	C	0.08
rs115716234	T	0.0733
rs535099	A	0.085
rs12078435	A	-0.0505
rs41265847	T	0.044
rs115604259	T	0.0597
rs7536825	C	-0.0173
rs76942916	T	0.1013
rs12121117	C	-0.0303
rs16853625	T	-0.0333
rs12145454	C	-0.12
rs78923644	C	-0.0473
rs7415750	G	0.0338
rs12758776	T	0.0191

rs75213051	T	-0.0354
rs12122803	G	-0.0688
rs12066034	T	0.0429
rs113818148	A	0.0284
rs147536482	A	0.0679
rs509112	G	0.0328
rs34474108	T	-0.0776
rs115477733	C	0.0971
rs6703811	G	0.0163
rs74081030	G	0.0423
rs11572809	G	0.0481
rs61788841	G	-0.0627
rs146807823	G	-0.0675
rs12027747	T	-0.0242
rs4847272	G	0.0902
rs35381460	G	0.0233
rs2494067	T	-0.0148
rs61801328	A	0.0207
rs10799528	G	-0.016
rs79625502	T	-0.0967
rs6588101	T	0.0164
rs61773544	A	0.0443
rs4839553	T	0.0762
rs7530127	C	-0.0161
rs751	A	0.0196
rs979015	G	0.0142
rs55667714	A	0.0229
rs6702225	C	0.0549
rs947107	C	-0.0375
rs12098076	A	0.0504
rs770718	T	-0.017
rs11120923	C	0.0184
rs6682256	T	-0.0161
rs115777446	T	0.0602
rs10737332	A	-0.0186
rs72980803	T	0.0985
rs116338092	A	0.0923
rs72712712	T	-0.0542
rs78574812	G	-0.0945
rs1129332	T	-0.0165
rs79857662	C	0.0503
rs17427732	G	-0.0198
rs72700639	C	-0.0251
rs77619225	T	0.0757
rs1202824	T	0.015
rs80045785	T	-0.0298
rs1837940	C	-0.0182

rs140177778	A	-0.0923
rs6670470	A	-0.0325
rs1730728	A	0.0158
rs12729235	T	0.0168
rs4908313	C	-0.0143
rs10864074	A	0.0204
rs41309643	G	0.0649
rs540782	C	0.0142
rs35609485	T	0.0285
rs60790945	T	0.0906
rs35608606	T	0.015
rs77926587	T	-0.0977
rs79841513	C	-0.0183
rs2485655	C	-0.0165
rs12406377	A	-0.0693
rs6685370	A	0.0321
rs75945417	A	-0.0913
rs34677828	C	0.0663
rs116681683	T	0.0666
rs115291886	A	-0.1253
rs114349410	A	0.0454
rs115398764	T	-0.0554
rs79435028	C	-0.1126
rs11122385	T	-0.0448
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rs195175	G	-0.0185
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rs111464272	G	-0.0394
rs115058239	G	0.0676
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rs6681186	T	-0.0154
rs942971	A	0.0144
rs114373841	A	-0.1138
rs10875202	C	-0.0204
rs79707625	A	0.0546
rs16861196	C	0.0187
rs61818163	A	0.0231
rs6692303	A	-0.0144
rs55642653	A	-0.0262
rs34935290	T	-0.0175
rs116638700	C	0.1224
rs11578174	T	-0.0509
rs17188409	C	0.0574
rs10917461	A	-0.0171
rs77319549	A	-0.1035
rs11590275	C	0.0171

rs144734498	C	-0.0965
rs1931059	T	0.02
rs10754471	T	-0.0143
rs72661507	C	-0.0573
rs58966590	G	-0.0281
rs2764858	T	0.0261
rs71638361	A	0.077
rs78199000	A	-0.0237
rs12041948	C	-0.037
rs34824504	A	0.0596
rs3125814	A	0.0156
rs12038778	T	-0.0161
rs75023697	G	-0.0222
rs76964673	T	0.0737
rs12078123	T	0.0169
rs72734602	G	0.0747
rs75146690	T	0.0724
rs1210	T	0.0629
rs5746063	T	-0.062
rs72718310	A	0.0628
rs114806557	T	0.0432
rs2343490	G	0.0162
rs116379175	G	0.0611
rs3120045	G	-0.0165
rs2797235	T	0.0194
rs77630856	A	0.0358
rs78125450	C	0.0414
rs4658753	T	0.0325
rs55770067	C	-0.0742
rs3768215	T	-0.022
rs2132999	A	-0.0151
rs144461010	A	-0.0794
rs116576652	A	0.078
rs6682655	C	-0.0147
rs7521935	G	-0.0184
rs17045328	G	0.0511
rs9434478	C	-0.0263
rs72694637	C	-0.0226
rs10920191	A	0.0526
rs6691420	T	-0.0158
rs34192006	C	-0.0201
rs114398927	C	0.0965
rs146779616	T	-0.08
rs80277149	A	-0.0506
rs114468901	T	-0.0852
rs7365902	T	-0.042
rs11581527	T	-0.1266

rs79595270	A	-0.0726
rs143206145	C	0.0839
rs1342785	A	0.0419
rs112793779	T	0.1177
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rs688214	C	-0.03
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rs17629536	T	-0.0196
rs72724655	G	0.0356
rs61766107	A	0.0396
rs16843777	G	0.0901
rs148056887	G	0.08
rs78540682	A	0.0739
rs17417507	T	0.0345
rs10928020	G	-0.0563
rs12117655	G	-0.0172
rs146704871	C	0.0705
rs146109993	A	0.0769
rs7419187	T	0.0183
rs4846474	T	0.0196
rs142917884	A	0.0739
rs1617837	A	-0.0141
rs78346081	G	0.0706
rs489442	G	-0.0181
rs57309012	G	0.026
rs34034744	G	0.0255
rs16830485	C	0.0742
rs55765837	C	0.0657
rs752626	T	-0.0171
rs116809818	A	-0.0771
rs861152	T	0.0169
rs61825385	C	0.0627
rs3795263	A	0.017
rs7546735	C	0.0175
rs260970	G	0.0194
rs1962502	A	0.0629
rs77675285	G	0.0245
rs145721026	T	0.0658
rs670738	A	0.0201
rs72651115	A	0.0748
rs142358687	A	0.0254
rs141749416	A	0.0601
rs1933544	A	-0.0186

rs78879760	A	-0.0773
rs41264825	T	0.0658
rs4652340	A	0.0288
rs6695827	A	0.0523
rs6659813	A	-0.0166
rs6669152	T	-0.054
rs2748081	C	0.0152
rs17879938	T	-0.071
rs115169247	T	-0.0479
rs7533876	A	-0.0395
rs6682751	C	-0.0148
rs75958567	C	0.0888
rs6672351	C	0.0144
rs12734446	A	0.1178
rs6682994	T	0.0373
rs12043526	T	0.018
rs115207794	C	0.0449
rs34912197	A	-0.0261
rs4915948	T	-0.1036
rs35897072	T	0.0604
rs144295508	C	0.0822
rs35096239	A	-0.0372
rs79505458	A	0.0482
rs12037424	C	-0.0165
rs80132111	A	0.0561
rs77234267	T	0.0979
rs61766404	G	0.0478
rs61799805	A	-0.0205
rs12749012	A	-0.0412
rs74918834	A	-0.0223
rs4652869	G	0.0151
rs115218708	A	0.0663
rs141712476	T	-0.1217
rs11580776	A	0.0394
rs115339415	A	0.0746
rs61814762	T	0.0241
rs11102634	A	0.0701
rs115343763	T	-0.1013
rs79792719	G	0.05
rs78523210	T	0.119
rs56836278	A	0.0339
rs6422258	T	0.0248
rs11163062	C	0.0305
rs11264452	T	0.0185
rs10864705	T	-0.0189
rs12142481	A	-0.0183
rs115120148	A	0.052

rs75342056	G	0.0964
rs662723	A	-0.0143
rs79546537	T	0.068
rs11120310	C	0.0184
rs4660190	C	-0.0156
rs1797052	T	0.0297
rs1176070	T	0.0237
rs76297118	A	-0.0317
rs76699248	C	0.0819
rs481290	T	-0.0259
rs151044838	G	-0.1223
rs10789448	A	0.028
rs41309187	A	0.0548
rs1430738	C	0.0153
rs11576723	T	0.0228
rs7532698	T	-0.0205
rs114512992	C	0.0542
rs112701077	T	0.0591
rs116072938	C	0.0714
rs146011743	T	0.1027
rs61770064	C	0.0942
rs141517482	T	-0.0958
rs272819	A	-0.0619
rs79218073	G	0.0447
rs6692944	G	0.0147
rs34019520	C	0.0146
rs7550687	A	-0.0735
rs112890210	T	-0.0583
rs12749994	C	-0.0796
rs384396	G	-0.019
rs140024044	C	-0.0724
rs6692542	A	0.0159
rs7549273	A	-0.0237
rs72667780	A	0.0812
rs72657190	A	0.0567
rs4582772	T	0.0278
rs12739089	C	0.0158
rs3886183	T	-0.0517
rs113411368	A	-0.0858
rs177601	G	-0.0274
rs11163488	A	-0.0162
rs139735748	G	-0.064
rs142123176	T	0.0769
rs11208967	T	-0.0199
rs12131511	T	0.0502
rs72724665	A	0.0732
rs72691640	G	0.1074

rs75137290	C	0.0398
rs504910	G	-0.0236
rs2473353	A	-0.0259
rs484677	T	-0.0151
rs79600844	A	-0.0606
rs9651118	C	-0.0177
rs2473356	T	-0.0262
rs148541431	T	0.0726
rs904025	C	0.0451
rs138738714	T	0.0778
rs112393335	A	0.0595
rs12569241	A	0.0581
rs7536012	A	0.0641
rs297788	T	-0.016
rs78473436	G	-0.0436
rs499688	C	-0.0184
rs6587855	T	-0.0422
rs7511997	T	-0.019
rs4259727	A	0.0158
rs9430018	T	0.0147
rs12024353	A	0.0162
rs79457287	G	0.055
rs71639066	T	0.0708
rs12748863	A	0.0167
rs77790438	G	-0.0333
rs6428789	A	0.0141
rs114413447	A	-0.0678
rs1856635	T	0.0224
rs2999876	G	0.0509
rs12022554	G	-0.0535
rs75577157	T	-0.0631
rs80129005	G	0.0552
rs61827869	G	0.0211
rs12747304	A	-0.0815
rs4641349	T	-0.016
rs1288499	A	0.0834
rs111235779	C	-0.0772
rs112249410	T	-0.0671
rs7544812	C	0.0273
rs78788098	T	-0.047
rs72763447	A	0.0645
rs16824948	T	0.0333
rs72737833	G	0.0763
rs138286710	G	0.0656
rs60780169	T	-0.036
rs12073716	A	-0.0299
rs72692197	T	-0.0622

rs72723906	A	-0.1073
rs17371998	T	-0.0215
rs78524924	A	-0.0541
rs1771539	G	0.017
rs212290	A	0.0158
rs56926353	C	-0.0237
rs139008239	A	-0.116
rs12756435	A	0.0356
rs12749896	A	0.0155
rs146554633	G	-0.0586
rs60332560	A	-0.051
rs75231615	A	0.0851
rs10753495	G	0.0149
rs115176171	G	0.0466
rs1844534	C	0.0162
rs617293	A	0.0174
rs12132927	C	0.0285
rs12117075	C	0.0138
rs7548551	A	-0.0601
rs10158359	C	0.0158
rs12733819	T	-0.0209
rs1322783	A	-0.0195
rs12025458	T	0.0296
rs35949508	C	0.0415
rs115179093	C	0.0896
rs12123211	G	0.0151
rs12729814	T	-0.0326
rs149069066	C	-0.0517
rs115864301	T	0.0734
rs17187394	A	-0.0414
rs7533561	A	0.0251
rs115954663	T	0.0262
rs11578708	T	-0.0206
rs10751433	A	-0.0155
rs77943606	G	0.07
rs2773174	A	-0.0416
rs4916354	T	0.0175
rs6600355	A	0.0706
rs7519940	G	-0.0214
rs56923458	A	-0.05
rs11808484	G	0.0196
rs2816926	C	0.0653
rs55774748	G	0.0383
rs11586183	T	0.0576
rs1674174	G	-0.0158
rs337601	A	0.0311
rs17454870	A	0.0206

rs3816956	T	0.0146
rs12068872	T	-0.0606
rs12030976	G	-0.0198
rs111669960	A	0.0272
rs11588387	T	0.0363
rs80119793	T	0.0394
rs71630218	A	0.0648
rs114783274	A	0.0811
rs61777717	T	-0.0248
rs7553303	G	0.0147
rs140464344	G	0.0563
rs3729998	T	-0.1112
rs11118371	T	0.0155
rs722371	A	0.0143
rs1537802	G	0.0151
rs60563481	C	0.0478
rs57294471	C	0.024
rs2780923	A	-0.0215
rs35301263	A	-0.1024
rs77259391	G	0.0499
rs161821	C	-0.0557
rs150663218	T	0.1294
rs2587535	C	0.0155
rs114819452	G	0.0763
rs10917221	C	0.0318
rs149292743	T	0.1011
rs77615512	A	-0.0438
rs2983714	C	0.0251
rs10873986	C	0.0508
rs3900770	C	-0.0329
rs148154148	T	0.101
rs2479685	A	-0.0196
rs79522806	T	-0.0599
rs10800646	G	-0.0141
rs6673401	G	-0.0412
rs61820925	T	0.0465
rs1776216	T	-0.0449
rs12136528	A	0.0553
rs116130272	A	-0.0808
rs267855	G	-0.0142
rs76468397	C	-0.0487
rs75114228	C	0.0429
rs6691012	C	-0.0214
rs9426672	G	0.024
rs75367055	G	-0.0949
rs12023491	A	0.0334
rs12061855	C	-0.0667

rs75510616	T	0.0722
rs61830283	G	0.0501
rs75739968	T	-0.0772
rs3767574	T	0.0166
rs72735860	C	-0.052
rs10910647	G	0.062
rs77584558	C	-0.0329
rs57545574	T	-0.0566
rs115384920	A	0.0521
rs9427403	C	-0.0334
rs1017982	A	0.0179
rs10782881	T	-0.0167
rs12059389	T	-0.039
rs77932843	G	0.0909
rs17130941	C	0.0566
rs347010	C	-0.0151
rs6587728	T	0.0371
rs10916407	A	0.0171
rs115008385	A	-0.0546
rs35890901	T	-0.0174
rs114871024	A	-0.0486
rs12079484	A	-0.016
rs77317847	A	0.0464
rs12726573	C	-0.0935
rs35564183	A	0.0494
rs71642145	C	-0.0299
rs115872164	G	0.0764
rs12728890	T	0.0286
rs12760928	G	-0.0772
rs7554342	G	0.0249
rs11120254	T	0.0253
rs115286301	G	0.0622
rs12746865	T	-0.0196
rs78906002	A	-0.0428
rs77886501	G	0.0545
rs114755819	C	-0.0695
rs6593584	G	0.0139
rs11207699	G	0.0602
rs114177884	T	0.0701
rs75738633	T	0.0967
rs2389165	G	0.0225
rs59477497	T	-0.0802
rs78683475	C	-0.0694
rs17433459	C	0.073
rs143053084	C	-0.0509
rs61770437	A	-0.0635
rs6680670	T	0.0182

rs66460461	C	-0.0328
rs72727918	A	0.0344
rs7525302	T	-0.0144
rs75021091	T	0.1141
rs115615989	G	-0.0958
rs140120241	A	0.1092
rs113548653	T	-0.0645
rs142607181	C	-0.0931
rs79709077	G	0.0707
rs74866645	C	-0.0533
rs143168995	T	0.0488
rs61810288	G	0.0519
rs12739326	T	-0.0342
rs10916796	T	-0.0176
rs17131759	C	-0.0613
rs115478018	A	0.1021
rs112461615	C	-0.0829
rs77174891	G	0.0413
rs56910119	A	-0.0141
rs78362606	T	-0.0592
rs11805703	C	-0.0204
rs113663273	G	0.0275
rs284199	A	-0.0143
rs79058138	C	0.1042
rs61835065	C	-0.0159
rs77170111	C	-0.0731
rs9430006	G	0.0236
rs12029632	T	-0.0161
rs549596	C	0.014
rs7513120	A	-0.0143
rs17403625	A	-0.0158
rs4561043	C	0.0176
rs547274	G	-0.0146
rs72724413	A	0.0302
rs71620830	A	0.0275
rs35797794	A	-0.0782
rs12118165	G	0.0557
rs12740129	T	-0.0784
rs17029299	T	-0.0676
rs116279524	G	0.0963
rs41315262	T	-0.0305
rs333666	A	0.0152
rs2796215	T	-0.0231
rs72754328	C	-0.0433
rs116635555	A	-0.0861
rs72768054	C	-0.0542
rs72651550	T	-0.0588

rs72652157	A	0.0707
rs9436297	C	0.021
rs666597	G	0.0139
rs10737749	A	0.057
rs78491951	C	-0.0867
rs548471	C	0.0625
rs61813461	C	0.0339
rs79142765	C	0.0261
rs12088171	T	0.0153
rs10915421	C	-0.0181
rs72665617	C	-0.037
rs12076106	C	0.0503
rs77106738	T	0.0228
rs72741610	C	0.046
rs78806723	A	-0.0841
rs1316481	T	0.0332
rs77721210	C	-0.0881
rs34720629	T	0.0386
rs6540686	T	0.0144
rs2029837	A	-0.0231
rs76510931	T	0.0439
rs12081255	A	0.0369
rs10925783	T	-0.0215
rs75747252	T	0.0868
rs61782910	A	-0.0356
rs11583878	C	0.0385
rs72729231	C	-0.0277
rs150986907	C	0.1006
rs7540255	C	0.0276
rs61772807	T	0.0207
rs4495745	A	-0.0249
rs9429423	T	-0.0143
rs11465205	T	0.0669
rs74700681	T	0.0468
rs561191	A	0.0268
rs12026694	C	0.0629
rs4915501	C	0.0158
rs7546233	A	0.0474
rs12079373	C	0.0189
rs10920283	G	-0.0279
rs9427477	T	0.0198
rs11576449	A	-0.1074
rs76270624	C	-0.0233
rs78893977	T	0.1807
rs114388517	C	-0.0451
rs16830039	G	-0.0376
rs114178464	A	0.0502

rs11587501	T	-0.0446
rs6603884	G	0.0351
rs34455008	A	0.1048
rs76901615	A	-0.0357
rs77573893	T	-0.0502
rs76178975	T	0.0561
rs144973933	T	0.0692
rs147216627	A	-0.0763
rs72711982	C	0.0193
rs2383622	C	-0.0159
rs12744772	T	-0.0488
rs831752	A	0.0236
rs616593	C	-0.0173
rs12117129	G	0.0278
rs4287614	G	-0.0175
rs12042754	T	-0.0287
rs11801905	A	0.0176
rs74147727	T	-0.0497
rs7533907	C	-0.0286
rs114330705	C	0.0455
rs150888090	T	0.0223
rs77747531	C	0.0657
rs77804535	A	-0.0848
rs34897026	G	-0.0479
rs3945008	A	0.0298
rs6692370	A	0.0138
rs144139999	A	0.0521
rs12058100	T	0.0587
rs141456574	C	0.0717
rs34959231	T	-0.0376
rs1391489	T	0.0192
rs1935559	A	0.0145
rs72919244	C	0.0545
rs12136331	C	0.1092
rs115482142	C	0.1152
rs77602367	T	0.0457
rs2820187	G	-0.0153
rs859467	A	-0.0938
rs4454504	T	-0.0528
rs77492457	G	-0.0672
rs12755340	C	-0.0884
rs145802692	C	0.1034
rs1253607	A	0.04
rs114936337	T	-0.0653
rs72714553	T	-0.0934
rs1782392	A	-0.0358
rs61254910	C	-0.0942

rs6676257	T	-0.0284
rs2636270	A	-0.0219
rs6679425	C	-0.0327
rs78819698	C	0.0181
rs72680163	G	0.0441
rs141139662	T	-0.0485
rs12127086	A	0.1024
rs2816043	A	0.0163
rs114697041	T	-0.0579
rs78901522	C	0.0653
rs72645984	G	0.0821
rs145457479	A	0.1007
rs1144251	C	-0.0351
rs77099847	A	-0.0791
rs4611001	G	-0.0545
rs12744105	G	-0.0158
rs869668	G	-0.0434
rs115234884	T	-0.0765
rs2039936	C	0.0403
rs11585558	A	-0.0736
rs56066017	C	0.0191
rs72685046	A	-0.0794
rs12073837	T	-0.0159
rs80299706	A	-0.0379
rs78183640	G	-0.064
rs1146312	G	0.0486
rs116201986	T	0.0648
rs72679398	C	0.0201
rs116286541	G	0.0474
rs17021229	G	-0.0181
rs75351123	T	-0.0388
rs114144199	C	-0.0656
rs72760593	C	0.0807
rs75912348	A	0.0783
rs78204256	A	0.0798
rs143805917	C	-0.0711
rs79426015	A	-0.0199
rs115547585	A	0.0738
rs115016696	T	0.0416
rs17188499	G	-0.0512
rs10923883	T	0.0541
rs141379461	G	0.0922
rs56132422	A	0.0289
rs60422367	A	-0.0256
rs80315105	C	0.087
rs28592649	G	0.0493
rs12129973	T	0.0614

rs72768378	C	-0.0834
rs7540595	C	-0.0185
rs144947067	G	-0.0894
rs72676132	C	0.0277
rs113025752	C	-0.0525
rs56177040	A	-0.0258
rs6675117	A	0.0808
rs113624334	A	0.0581
rs72761152	G	0.0385
rs140189591	A	-0.0893
rs138769023	C	-0.0621
rs116556794	T	0.0493
rs2235176	C	0.0161
rs6687683	T	-0.0181
rs12746276	T	-0.0415
rs760914	G	-0.0161
rs11588844	T	0.0242
rs11582899	G	-0.0545
rs61782651	C	-0.1253
rs12735634	G	-0.0191
rs7519457	G	0.0245
rs2131905	T	0.0337
rs12074935	C	-0.0451
rs115960459	C	0.0781
rs6540756	T	-0.0447
rs10874982	G	0.0738
rs438228	C	0.0285
rs1971858	A	0.0139
rs4659986	C	0.0151
rs113924313	A	-0.0175
rs116259466	G	0.0483
rs299872	C	-0.0167
rs1481396	G	0.0195
rs114534388	C	0.1351
rs75992199	T	-0.0305
rs113083717	T	0.0771
rs2842723	A	0.0162
rs17014586	C	0.0294
rs6700557	T	0.0161
rs1926303	C	0.0217
rs74928003	A	0.0794
rs4073054	C	0.0139
rs2430158	A	0.0338
rs17628460	G	0.0525
rs6704073	T	-0.0765
rs74867007	C	-0.0313
rs17131389	G	-0.0577

rs139877807	A	0.0809
rs143766704	C	-0.0547
rs140174679	T	-0.0735
rs111891077	C	0.1056
rs2501808	A	-0.0449
rs6686484	G	-0.0222
rs11162086	T	-0.0157
rs114253848	T	0.0604
rs7413466	G	0.0219
rs12126772	C	0.0182
rs113556489	T	0.037
rs727149	A	-0.0145
rs72673960	C	-0.0558
rs6669672	T	-0.0467
rs72674680	G	-0.0516
rs7525349	G	0.0201
rs10900500	C	0.0216
rs115751804	A	0.0954
rs111290972	A	-0.0465
rs3768541	A	0.02
rs6698327	A	0.0316
rs151087204	T	0.0713
rs6683970	A	-0.0183
rs7522957	T	0.0212
rs55734541	T	0.021
rs10910399	T	-0.0175
rs115210607	A	0.0626
rs2270002	A	0.0449
rs76338702	C	0.1109
rs12724212	G	0.0158
rs36075193	C	-0.0405
rs4393118	G	0.0164
rs41294772	C	0.0227
rs77677350	G	0.0938
rs3935295	A	-0.0241
rs144084866	A	0.0997
rs10754390	C	0.0142
rs12724312	C	-0.0697
rs111567759	C	-0.0263
rs11261290	A	0.0161
rs72636907	T	-0.0271
rs4421636	T	0.014
rs12564173	T	-0.0146
rs4659161	T	0.0636
rs4951497	C	-0.0147
rs115304750	G	0.0491
rs12562167	A	-0.0374

rs6701234	G	0.0297
rs76953890	A	0.1069
rs17038177	G	-0.0777
rs7546762	T	-0.0566
rs6678237	G	0.0273
rs7549710	T	-0.0285
rs12136136	T	0.0631
rs522441	G	-0.0163
rs9436208	C	-0.0338
rs17026017	A	0.0438
rs80149606	T	-0.0756
rs10889765	C	0.0191
rs111914535	G	-0.0205
rs115550791	A	-0.0795
rs4081175	A	0.0227
rs115514202	T	0.0567
rs567480	C	-0.0161
rs76431122	T	-0.0713
rs4468146	C	-0.057
rs12130142	A	-0.0225
rs35110921	A	-0.0362
rs144883991	C	-0.1395
rs9436516	G	0.0311
rs41300333	C	-0.0731
rs146677344	A	0.1059
rs78053927	G	0.0259
rs1077842	G	0.0145
rs17116974	C	-0.0671
rs72714298	T	-0.0754
rs75963668	T	-0.047
rs2478544	G	-0.0178
rs1059218	T	-0.0157
rs61785460	C	0.1013
rs1281581	T	0.0178
rs114711577	G	-0.0888
rs75107720	T	-0.0616
rs41280764	T	-0.0909
rs113695619	A	-0.0743
rs12032393	G	0.0195
rs12079103	T	0.0177
rs1340414	A	-0.0139
rs12030859	T	0.0438
rs1555390	A	0.0363
rs115116237	G	0.0851
rs12082725	A	-0.0224
rs71668613	T	-0.0545
rs4656896	T	0.0735

rs12121555	G	0.0449
rs77509875	T	0.0665
rs41463446	T	0.0231
rs113000563	A	-0.1103
rs142352316	C	0.0444
rs56153247	G	-0.0237
rs143560178	A	0.1155
rs12064134	C	-0.0342
rs12131950	T	0.0401
rs10889154	G	0.0196
rs4650003	A	-0.0142
rs80122300	A	-0.0286
rs2797213	G	-0.0426
rs10910073	A	-0.0254
rs2927966	G	0.0197
rs1334127	C	-0.0195
rs12119724	T	-0.0152
rs4656608	A	-0.0188
rs12409660	C	-0.0166
rs60355351	G	0.0375
rs41301983	A	0.0334
rs80178399	A	0.0851
rs113734202	T	-0.043
rs61197512	G	-0.0658
rs12140390	T	-0.017
rs78142091	A	0.0683
rs115228148	T	-0.0609
rs484649	T	0.072
rs138874361	C	0.122
rs36077494	T	-0.0212
rs115948697	G	0.0887
rs956543	A	0.0155
rs10922604	C	-0.0209
rs11587105	A	-0.0255
rs6684480	G	-0.0241
rs115347259	A	-0.08
rs150522174	T	0.0905
rs17130097	T	-0.0695
rs143016850	C	0.0983
rs72759021	C	-0.093
rs34652457	T	0.0423
rs10495141	C	0.0921
rs12725208	G	-0.0221
rs12127545	C	-0.016
rs16851665	T	0.0285
rs56331467	T	0.0486
rs35372116	G	-0.0369

rs77782844	C	0.1078
rs111952563	A	0.0299
rs75192897	G	0.0545
rs17552600	T	-0.0177
rs3766399	T	-0.0143
rs2235703	T	-0.0342
rs77884097	T	0.0746
rs12125305	C	-0.0434
rs114912071	A	-0.1113
rs80328415	C	-0.0259
rs76645299	A	-0.1024
rs114472848	T	0.0811
rs1055055	T	0.0151
rs115145470	A	0.0421
rs76614688	T	0.0636
rs4320778	A	0.0183
rs1652291	C	0.0192
rs1389781	A	-0.0394
rs4653749	G	-0.0136
rs770701	G	-0.0198
rs114273974	T	0.0687
rs4604656	A	-0.0244
rs77962274	T	-0.0507
rs113222548	T	0.0349
rs2818870	T	-0.0195
rs150207602	G	0.0564
rs112208574	C	0.1006
rs6675756	A	0.0205
rs116760359	A	-0.0732
rs147490122	A	-0.0512
rs12131838	A	0.0539
rs4846837	T	-0.0207
rs10802905	A	-0.0157
rs2453198	T	-0.0185
rs2493305	A	0.033
rs6427060	T	-0.0461
rs10926023	C	-0.0304
rs61838683	A	-0.0284
rs149776446	C	-0.0363
rs114383491	T	-0.0784
rs148697385	T	0.067
rs142953452	C	-0.1095
rs115760117	A	-0.0457
rs145702155	C	0.0568
rs66723524	A	-0.0503
rs11587070	G	-0.0835
rs1826977	G	-0.0176

rs35586368	C	-0.0147
rs12141792	A	-0.0925
rs72701667	T	0.07
rs1780360	G	0.0375
rs114626239	C	-0.0492
rs4926641	C	0.0139
rs164041	C	0.0202
rs141115135	T	0.0678
rs12143043	A	-0.1121
rs115150759	C	-0.1137
rs114530634	T	0.0537
rs232811	C	0.0192
rs11207862	A	0.0291
rs73119105	G	0.0296
rs56174820	A	-0.0184
rs4388738	A	0.067
rs7364713	C	-0.022
rs12738277	A	0.0155
rs11585329	T	-0.0204
rs116030158	G	-0.0522
rs3754206	A	0.0158
rs59816523	T	-0.0267
rs11584037	A	0.0137
rs2177065	A	-0.0581
rs12742294	T	0.0173
rs567125	C	0.0307
rs78286346	C	0.0442
rs61799715	C	-0.0982
rs115048665	T	0.0501
rs1294265	G	0.0555
rs1404062	C	-0.0391
rs4912058	G	-0.0207
rs12744042	T	0.015
rs77501009	T	-0.1252
rs2989472	C	-0.0162
rs75362862	T	-0.0319
rs11803470	A	-0.0233
rs12461	A	0.0135
rs35397237	A	0.0209
rs79486633	C	-0.0319
rs61776628	G	0.0341
rs115299562	C	0.0615
rs141225529	G	0.0667
rs9429731	A	-0.0392
rs77928475	G	-0.0492
rs61811629	G	-0.0158
rs17441010	G	0.0362

rs55882531	G	0.0394
rs114435079	T	0.0453
rs35721361	G	-0.0159
rs11209030	A	-0.016
rs58997578	A	-0.0677
rs76405888	A	-0.0242
rs11572587	A	0.0378
rs12736995	C	-0.0359
rs6541075	A	0.0183
rs2457066	C	-0.0469
rs72732436	C	-0.0618
rs139298199	G	-0.0708
rs10495329	C	-0.0175
rs114622977	T	-0.0738
rs12031889	C	0.0337
rs12129408	C	-0.0151
rs6656229	G	-0.0164
rs646380	T	-0.0532
rs951366	C	0.0137
rs150114269	C	0.0975
rs4660243	T	0.0783
rs1358714	G	-0.0139
rs12735662	A	0.0202
rs2298255	A	0.0166
rs72758849	T	0.0485
rs79270989	C	0.0296
rs2202152	G	0.0201
rs12120438	T	0.0674
rs148631275	C	-0.0525
rs78363641	C	-0.0551
rs75462786	A	0.0597
rs6686169	G	-0.0598
rs12025571	C	-0.0205
rs111383629	G	-0.1364
rs72658911	T	-0.0158
rs41296145	C	-0.0454
rs116088229	T	-0.0652
rs77342107	T	-0.0288
rs12092728	A	0.0302
rs77622481	T	0.0484
rs11165191	C	0.0147
rs12036008	C	-0.077
rs161441	G	0.0326
rs5744338	T	0.0428
rs115707962	T	0.0956
rs1938335	A	-0.0142
rs72771947	A	0.0202

rs58286202	G	-0.014
rs72938007	C	0.0579
rs358694	C	0.0231
rs11578517	A	0.0565
rs3903999	C	-0.0248
rs12733358	T	0.0713
rs10874393	T	0.0184
rs76488166	A	-0.0845
rs141544731	T	0.0972
rs72674873	T	-0.0261
rs76485554	T	-0.034
rs145999120	T	0.1034
rs12123817	A	-0.0413
rs6660895	C	-0.0158
rs72724329	C	0.0823
rs12116750	T	-0.0671
rs16827472	G	-0.019
rs145470488	A	-0.0273
rs78121350	T	-0.0476
rs116323536	C	-0.0418
rs61825456	G	-0.0361
rs138806741	C	-0.0997
rs6681341	C	0.0151
rs2977272	T	0.0152
rs294227	A	-0.0634
rs4653278	T	-0.023
rs1156085	G	-0.0564
rs16834530	T	0.037
rs79701486	T	0.1134
rs11802507	G	-0.0275
rs4659781	C	0.0244
rs7528021	A	-0.0383
rs61790677	T	0.0633
rs10910481	C	0.0197
rs138128635	C	0.0401
rs77757970	T	-0.0607
rs319660	T	0.0218
rs4658147	G	-0.016
rs17372251	C	0.0407
rs11577248	C	-0.0142
rs1416811	T	0.0451
rs28488998	C	0.0222
rs721052	C	0.0792
rs74683788	G	-0.044
rs72760050	A	0.0947
rs914941	G	0.0755
rs41266401	A	0.0496

rs12406845	A	-0.0154
rs1245487	A	0.0192
rs77578111	A	0.0633
rs79900365	A	0.0871
rs164410	T	0.0159
rs12028579	A	0.0201
rs11585366	T	0.0231
rs35367501	T	0.0208
rs112048428	T	0.0392
rs67896405	G	-0.0561
rs11122515	T	-0.026
rs12142278	G	0.0261
rs12022678	G	-0.0351
rs139922345	G	0.0377
rs1436087	T	0.0198
rs79939183	A	0.0549
rs71515132	C	0.0887
rs56268560	T	0.0299
rs138745265	T	-0.0419
rs11590563	C	-0.0167
rs815738	C	0.0792
rs12059522	G	-0.0176
rs4653385	A	-0.0482
rs79276415	A	-0.103
rs12129199	G	0.0183
rs34457681	T	-0.0485
rs147699837	A	0.0684
rs150848427	A	-0.0703
rs11120230	A	0.0425
rs79556532	C	0.0286
rs1999714	T	-0.0142
rs143975622	T	0.0552
rs147310878	G	0.0496
rs35523167	A	0.0295
rs2800683	G	0.0287
rs61769163	T	-0.033
rs79058625	T	0.0631
rs112939272	C	0.0729
rs7545105	A	0.0185
rs6672972	G	0.0146
rs17163777	T	0.0472
rs78294649	C	0.0536
rs6662789	A	0.0324
rs149263573	T	-0.1055
rs528138	T	-0.0998
rs113628489	C	0.0204
rs61769082	A	-0.0307

rs17130632	G	0.0598
rs77455553	C	0.0252
rs12753811	C	0.0457
rs923412	A	0.0269
rs10737331	A	-0.0152
rs72727055	C	-0.0324
rs2230324	T	-0.0491
rs113686118	G	-0.027
rs75309041	T	0.0376
rs10492992	T	0.0295
rs113450850	G	-0.0438
rs115185731	G	-0.0867
rs147227020	A	0.0632
rs12738367	A	0.015
rs114746724	A	0.0281
rs138764262	T	0.0545
rs61776388	T	0.0285
rs115215527	A	-0.0794
rs56284241	A	0.0813
rs10753347	C	0.0233
rs77944343	G	0.0616
rs142822309	G	-0.1148
rs12561914	T	-0.017
rs4255423	G	-0.0143
rs12403251	T	-0.0467
rs80076657	T	-0.101
rs115456139	A	0.0637
rs75241354	T	-0.0445
rs112227298	G	0.0834
rs56158075	C	-0.0238
rs2185501	A	-0.0268
rs55756832	A	0.0606
rs7514694	A	0.0142
rs117454226	A	0.0897
rs12029435	T	-0.023
rs3820201	G	0.014
rs668824	G	0.0945
rs1330229	G	-0.0782
rs76273607	C	-0.0454
rs12031629	T	-0.0157
rs12409542	G	-0.0838
rs115672876	G	-0.0404
rs77306313	T	-0.046
rs79310779	T	0.0491
rs6685485	T	-0.0136
rs74622465	A	-0.0571
rs7521693	G	0.0141

rs61321900	C	0.0248
rs2788121	G	0.0279
rs75321555	T	0.0507
rs115459520	A	-0.063
rs112354865	C	0.0803
rs2179503	A	-0.0346
rs12088685	A	-0.0577
rs114102605	A	0.061
rs4268356	C	-0.0281
rs12034856	G	0.0137
rs3026897	T	-0.0691
rs146616763	C	-0.0604
rs9439068	A	-0.0137
rs139209915	G	-0.1039
rs6675174	G	-0.072
rs111804694	T	0.0531
rs7519429	C	-0.0141
rs147902167	C	0.1149
rs35399029	T	-0.0215
rs72694692	C	0.0611
rs10494245	T	0.0167
rs10157440	G	-0.0775
rs115276931	G	0.052
rs10923217	G	-0.0151
rs75419131	C	-0.0778
rs10803341	C	0.0185
rs140170023	A	0.0632
rs6697036	A	0.0141
rs17187310	A	0.0427
rs12130892	G	-0.0255
rs1107550	G	0.0234
rs72752250	A	-0.0506
rs115592326	C	0.0578
rs72641442	T	0.0512
rs1208992	A	-0.0645
rs12046015	A	-0.0263
rs17378282	C	0.0424
rs61820724	C	0.0551
rs7519473	C	0.029
rs116001907	A	0.0541
rs77295669	A	-0.0668
rs11485531	C	0.0331
rs6661988	C	-0.0155
rs3820304	G	-0.0143
rs12137498	T	-0.0212
rs12403187	T	-0.1266
rs12410087	C	-0.0262

rs10918342	G	0.0143
rs75042003	A	0.0784
rs72661510	G	-0.0219
rs6667985	C	0.0207
rs4489608	G	0.0186
rs16858733	C	-0.0247
rs58651344	C	0.019
rs2982310	T	0.0442
rs60469848	T	0.021
rs798071	G	0.0158
rs115757195	C	0.0552
rs111876503	G	0.1116
rs35479086	G	0.0433
rs548038	G	-0.0406
rs7548666	C	-0.0216
rs41431546	C	0.0189
rs6699579	C	-0.0395
rs77281025	T	-0.0924
rs947406	C	0.0145
rs116613999	G	0.0542
rs74936620	A	0.0307
rs142472136	C	-0.0909
rs75510815	A	-0.0594
rs4081356	T	-0.0138
rs1781780	T	-0.0185
rs1426787	G	-0.0153
rs1111248	A	0.02
rs116614403	T	-0.0585
rs72747173	T	-0.0224
rs4604741	C	-0.0448
rs6704077	T	-0.0147
rs10926199	G	0.0617
rs706434	C	-0.0133
rs115635676	T	0.0702
rs17646773	G	0.0218
rs6671391	T	0.0199
rs55752973	T	-0.0444
rs144748714	G	-0.0607
rs61835176	A	-0.0332
rs12062502	G	0.0168
rs606823	C	-0.0145
rs147112588	T	0.1054
rs140566229	T	-0.023
rs987074	C	-0.0152
rs10927795	T	-0.0134
rs34855306	G	0.0174
rs10493064	A	-0.0265

rs4658365	A	0.0155
rs12722902	G	-0.0147
rs144569115	A	-0.0848
rs1074265	T	-0.0377
rs1385120	A	0.0328
rs5020976	T	-0.0223
rs11580136	A	-0.0442
rs77576921	A	-0.0571
rs56387805	A	0.0636
rs12092212	A	-0.0301
rs12025798	A	0.0146
rs17119333	G	0.0377
rs6666273	A	-0.0147
rs894848	A	0.0236
rs58876387	A	-0.0893
rs41369246	T	0.0441
rs4379633	G	-0.0232
rs116101844	A	0.0697
rs3120835	T	0.014
rs680024	C	0.0144
rs78101827	T	0.0722
rs77501996	G	-0.0466
rs883201	C	-0.0167
rs4233405	G	-0.0168
rs150143934	T	0.0595
rs112542256	A	-0.0805
rs1218578	A	0.014
rs75628010	G	0.0348
rs17580122	T	0.0328
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rs116147001	A	0.0608
rs113135024	T	-0.0964
rs139287238	A	0.1179
rs116503257	C	-0.0403
rs4584437	G	0.0133
rs2494523	T	0.0144
rs11590329	A	0.0384
rs11590545	A	0.0758
rs1047840	A	-0.014
rs7524857	T	-0.0185
rs61768576	T	0.0296
rs78365332	T	-0.0477
rs11589267	T	-0.0155
rs142863264	A	0.0951
rs79018135	G	0.0354
rs4661230	A	-0.0248
rs142115060	T	0.0545

rs114554434	T	0.0586
rs76425534	G	-0.053
rs629071	C	-0.0139
rs35761940	C	0.0206
rs72862657	T	-0.0609
rs146779090	C	-0.0783
rs11812055	A	0.0398
rs12135338	A	-0.0375
rs12404699	T	-0.0299
rs56079238	C	0.0338
rs138467738	A	0.0709
rs9651107	T	-0.0342
rs7553648	C	0.0136
rs74958477	T	0.0713
rs114823437	C	0.0554
rs77857229	C	-0.047
rs12569265	C	-0.0259
rs10919330	C	-0.0651
rs12082727	T	0.0145
rs115770990	C	0.0985
rs146545816	A	0.0663
rs151031440	T	0.0644
rs77226613	T	0.0669
rs72732738	T	0.0849
rs226081	C	-0.0143
rs75679358	T	-0.0384
rs7538565	G	0.0335
rs61856396	A	0.0969
rs12566637	T	0.0244
rs7527437	A	0.0582
rs76500281	C	-0.0358
rs71673415	T	0.0499
rs35958798	C	0.0207
rs17108270	A	0.0164
rs115973967	G	-0.0741
rs4658301	A	0.0249
rs77667226	G	-0.0354
rs72703687	T	0.0257
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rs6540871	C	-0.0182
rs150386203	T	-0.0225
rs72699443	C	-0.088
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rs11240719	C	-0.0171
rs61824660	C	0.0135
rs2145790	A	-0.051
rs209710	A	0.0157

rs2184016	T	0.0428
rs146453953	A	0.0629
rs72638614	A	0.0346
rs12135022	T	-0.0637
rs7367132	G	0.0198
rs76162469	C	-0.0361
rs10489341	T	0.0464
rs1655281	T	-0.0137
rs79680393	C	0.0843
rs114878469	G	-0.0604
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rs611105	C	-0.0163
rs114002338	T	-0.0835
rs74946308	T	-0.1084
rs147902194	A	-0.0883
rs138847861	T	0.0842
rs149842962	T	0.0717
rs3795393	C	-0.0271
rs76850981	T	-0.0775
rs141517167	T	0.0671
rs112251330	A	0.084
rs80187479	A	-0.0614
rs3101216	T	-0.0155
rs76164182	C	0.0827
rs144485091	C	0.0204
rs79758581	A	0.0513
rs71644735	A	-0.0529
rs10489142	G	-0.015
rs112965315	G	-0.0364
rs115519787	A	0.0758
rs78299232	T	0.071
rs115590943	T	-0.1284
rs114827644	T	-0.0288
rs113032380	A	0.0323
rs113934221	T	0.0269
rs34866970	G	-0.0215
rs11580249	T	0.0201
rs114244315	C	-0.0536
rs1003741	T	0.015
rs2795480	A	0.0175
rs11811637	C	0.046
rs12130546	T	0.0759
rs12023160	G	0.0456
rs77398773	G	-0.0324
rs142872139	C	-0.0875
rs148046906	T	0.0402
rs74698898	C	-0.0314

rs74522516	A	-0.0249
rs77270226	C	0.0322
rs115959445	A	0.1221
rs114446400	G	0.0467
rs80045751	A	0.0403
rs11207734	A	-0.0168
rs77506146	A	-0.0601
rs12023328	A	-0.0262
rs72752807	A	0.0603
rs113323494	C	-0.0285
rs2819339	T	-0.0167
rs28366462	T	0.0265
rs190770	T	-0.0138
rs74665711	G	0.0323
rs79500154	A	0.0568
rs11210356	G	0.0213
rs2224810	C	0.0167
rs546583	C	0.0134
rs6670442	A	-0.0512
rs78012939	G	0.0546
rs116509906	A	-0.0443
rs74664546	G	-0.0176
rs77945567	T	0.0604
rs72675993	G	0.0526
rs952812	A	-0.0253
rs16860221	C	-0.0264
rs3862045	C	-0.0183
rs1705295	T	-0.0284
rs72639058	T	0.0253
rs1391802	C	0.0326
rs59374747	T	0.0398
rs75699461	A	0.0359
rs537478	C	0.0135
rs330728	T	-0.0132
rs59769528	T	0.0831
rs6694570	A	0.0193
rs80336923	G	0.0487
rs41269672	C	-0.0569
rs72759229	T	-0.0249
rs7524444	A	-0.0135
rs116490929	T	0.053
rs72718072	G	-0.0274
rs114530065	A	0.0534
rs4626914	G	0.0167
rs10802210	C	-0.0178
rs72651875	A	0.026
rs146704243	C	0.049

rs462649	C	0.0317
rs114787850	C	0.0388
rs141161580	T	0.0547
rs115076617	A	0.0652
rs80341926	C	-0.1033
rs99382	G	0.0131
rs77921522	G	-0.0888
rs74475701	T	0.1245
rs7536719	A	0.0321
rs900891	C	0.0251
rs1773457	T	-0.0148
rs6658152	T	-0.0172
rs115555395	C	0.0852
rs61813301	G	-0.0197
rs78269593	C	-0.0786
rs72775765	C	-0.0878
rs6428907	G	0.0147
rs34476859	A	0.0207
rs140610607	T	0.0793
rs11210533	A	0.0136
rs3856080	T	0.0283
rs10914769	G	-0.0148
rs114639073	A	0.077
rs6662919	G	0.0156
rs11264431	C	-0.0137
rs11266740	G	0.0176
rs141588538	A	0.079
rs115181845	T	-0.039
rs3917865	C	-0.0748
rs3010039	A	0.0163
rs137869943	T	-0.0655
rs11587760	A	-0.0225
rs72640608	G	0.0177
rs116129852	T	0.0566
rs111690686	C	0.0517
rs79047429	C	0.0758
rs76337193	G	0.0343
rs149931499	C	0.0814
rs116317369	C	0.0506
rs3766023	C	-0.0275
rs12739679	G	0.014
rs10754548	A	-0.0362
rs2421847	G	-0.033
rs75890392	T	-0.06
rs116119347	T	0.0438
rs2494641	T	-0.0179
rs3765339	T	0.0162

rs7545266	C	0.0141
rs11582017	A	0.0354
rs10779598	A	-0.0133
rs57037382	C	-0.0505
rs12748953	C	0.0628
rs72654517	C	-0.0539
rs72657713	C	0.078
rs115865849	T	-0.0996
rs9660478	A	0.0704
rs946577	G	-0.0132
rs75584439	G	-0.0577
rs10915323	A	0.0433
rs4908565	A	-0.0624
rs2311972	C	0.0355
rs645558	T	-0.0172
rs144653436	A	-0.0779
rs12046916	C	-0.0152
rs56235501	C	-0.0775
rs12029165	A	0.0554
rs10925720	T	0.0215
rs35264681	A	-0.0774
rs10900379	G	-0.0221
rs60108808	G	-0.0379
rs2473263	A	0.0127
rs7537444	G	0.0178
rs144365971	A	0.0718
rs115985268	A	-0.0997
rs1932761	C	-0.0177
rs2635038	T	0.0139
rs115209487	G	0.0573
rs74587156	G	0.0718
rs112976702	A	-0.0485
rs507288	G	0.0136
rs112584306	A	-0.0447
rs12401347	G	0.0238
rs150683278	C	-0.0664
rs150888292	A	0.0568
rs6688746	T	-0.0398
rs16851444	G	0.0232
rs147354517	A	-0.0428
rs61831335	C	-0.0239
rs61743136	C	0.0824
rs6600373	C	-0.0256
rs2405593	C	0.0689
rs11211579	G	-0.0153
rs2864123	A	-0.0422
rs487563	G	0.0598

rs11162044	T	0.0206
rs115027839	G	0.0528
rs150927933	T	0.0543
rs77854138	A	-0.0613
rs12034054	C	-0.0137
rs4912037	A	-0.0192
rs41281352	C	-0.0621
rs115398529	C	-0.06
rs141105429	C	-0.065
rs12133737	A	0.0387
rs116198613	T	-0.0419
rs116409805	T	0.0474
rs71670901	T	0.0935
rs6587735	A	-0.0131
rs10863859	T	0.013
rs4926619	C	0.0136
rs2207792	G	0.0136
rs3176879	G	-0.0397
rs4998493	C	0.0146
rs7524105	T	-0.0209
rs9662298	A	0.0519
rs11579304	A	0.0323
rs79642361	A	-0.029
rs36041141	G	0.0535
rs470310	T	0.0218
rs2800757	G	0.016
rs78617262	C	-0.0691
rs10737373	C	-0.0139
rs7519086	C	-0.02
rs17623369	T	0.0255
rs114776144	T	-0.0926
rs60359103	C	-0.0375
rs12565883	C	-0.0153
rs17130158	C	0.0473
rs2819742	A	0.0131
rs74974210	C	-0.0566
rs4073667	A	0.0134
rs74980771	C	0.0455
rs145986434	T	0.0813
rs79365581	C	0.0823
rs12735420	G	0.0399
rs115418243	G	0.0557
rs72646129	T	0.0712
rs515511	T	0.0265
rs73018969	G	0.0353
rs12724659	T	0.0865
rs78852232	A	0.0362

rs6694017	C	-0.0175
rs72661080	T	-0.0534
rs165286	A	-0.0193
rs56217471	G	0.0815
rs76707687	G	0.0474
rs6429678	G	0.0169
rs140706260	G	0.0593
rs10736844	C	0.02
rs61764963	A	-0.0507
rs311475	T	-0.0138
rs72683082	T	-0.0219
rs116350475	C	-0.0553
rs77568758	T	0.0374
rs142137537	T	0.0277
rs116618855	T	0.0578
rs927213	A	-0.0208
rs77646398	C	-0.0493
rs4915221	G	0.0127
rs2842754	C	0.015
rs141134940	T	0.0528
rs2806876	C	-0.0138
rs72658397	T	-0.0463
rs1342862	C	0.0332
rs75481609	C	-0.0374
rs145616941	C	0.0758
rs115242692	G	0.0445
rs144247265	C	0.0705
rs1977737	A	0.0478
rs7514474	T	-0.0734
rs77818303	T	-0.0338
rs144267792	C	0.099
rs7523070	C	-0.0139
rs61787095	G	0.0677
rs1961733	A	-0.0743
rs61848979	C	0.0432
rs61823470	C	0.0454
rs77415908	A	-0.0903
rs6425399	T	0.0128
rs150353638	T	-0.0865
rs145512184	T	0.0549
rs74377329	G	0.0421
rs17685275	A	0.0611
rs72761137	T	0.0194
rs1265883	C	0.0278
rs147591756	C	0.082
rs6604997	T	0.0249
rs11589612	C	0.0129

rs1381170	G	-0.0157
rs11583033	G	0.0213
rs2072919	G	0.0972
rs10803428	G	-0.0157
rs141472572	A	0.0736
rs116643345	T	0.0575
rs10800507	G	0.0129
rs7545423	G	-0.0285
rs12067293	A	-0.0156
rs111346037	T	-0.0275
rs57034017	G	-0.0174
rs71644738	C	0.0206
rs7516664	G	-0.017
rs34686496	G	0.019
rs13294	A	-0.0129
rs815759	A	-0.0288
rs789651	C	-0.0385
rs72648412	T	0.051
rs61818169	A	-0.0441
rs12125295	A	-0.027
rs12121482	A	-0.0393
rs72637878	T	0.1146
rs7527595	T	0.0191
rs72702267	A	-0.0259
rs113682159	G	0.0929
rs12566472	T	0.0569
rs1452628	T	0.0135
rs4654912	A	-0.0204
rs79434746	G	0.0639
rs1254213	A	-0.0428
rs6676215	T	-0.0932
rs142536635	T	0.1311
rs41308339	G	-0.0493
rs78111816	A	0.0475
rs61823959	A	-0.038
rs8179444	G	0.0212
rs11579653	A	0.0667
rs2273779	T	-0.0136
rs61780371	T	-0.0452
rs141624019	A	-0.1011
rs61807807	A	0.081
rs72759252	A	-0.0882
rs61857794	T	0.0193
rs72717038	G	0.0369
rs17031111	T	0.0288
rs12744460	T	-0.0172
rs112818818	C	-0.0244

rs913724	C	-0.0141
rs2023631	G	-0.0134
rs17187009	G	0.0411
rs114339418	A	0.0316
rs707207	G	-0.0401
rs148411580	G	0.0533
rs72751544	G	-0.023
rs17032912	C	0.0334
rs12024207	T	-0.0209
rs113727493	T	-0.054
rs6537715	T	-0.0469
rs114829303	T	0.0541
rs77365637	A	-0.052
rs704849	C	-0.0181
rs139479617	A	-0.0891
rs56331815	T	0.0363
rs138549125	T	-0.1084
rs114605572	C	0.0339
rs7513341	G	-0.0177
rs2153304	G	-0.0131
rs80276042	A	-0.0584
rs12128095	G	-0.0449
rs7522573	G	-0.0291
rs12141364	C	0.0385
rs116712644	A	-0.0329
rs2072929	C	-0.0153
rs79246644	T	0.0589
rs115277438	T	-0.0494
rs34210073	G	0.0177
rs77979353	C	0.032
rs74705099	A	-0.0533
rs10753344	C	-0.0181
rs58141689	G	-0.0221
rs16858845	A	0.0431
rs74465185	A	0.0491
rs77911157	A	0.0451
rs77876775	T	0.0642
rs117252047	C	0.0365
rs12408850	T	0.0175
rs17424885	A	0.0187
rs1280984	C	0.0157
rs79323415	C	0.0731
rs59839028	G	0.0836
rs6687736	T	-0.0218
rs77426366	G	0.0692
rs17675018	A	-0.0538
rs114276562	A	-0.0744

rs78045525	A	-0.058
rs12121802	C	0.0596
rs3820690	C	-0.0297
rs113801949	A	-0.0419
rs72630531	A	-0.0605
rs12062451	C	-0.0613
rs909935	C	-0.0145
rs146767219	T	0.0235
rs7414539	T	0.0226
rs74748492	C	-0.0356
rs2803264	G	-0.0197
rs11162848	T	0.0165
rs59688746	A	0.0297
rs12023821	G	-0.0402
rs72671429	T	-0.0914
rs2185212	A	0.0146
rs10918333	A	0.0144
rs80179502	A	-0.0398
rs6702894	G	-0.0155
rs72664612	C	-0.0256
rs3795842	C	0.0139
rs74091605	A	0.0622
rs6586365	G	0.0161
rs147249038	A	-0.027
rs74106088	A	0.0313
rs79770737	A	0.0594
rs116639022	T	-0.0764
rs12562210	T	-0.0148
rs56101609	C	0.0177
rs115973973	A	0.0614
rs10873878	G	-0.0193
rs12732056	T	0.0178
rs7544710	G	-0.0353
rs75697875	G	0.0582
rs150337031	T	-0.0814
rs16826302	A	0.0185
rs2647282	A	0.016
rs145404293	G	0.0593
rs1416883	A	0.0138
rs3820265	G	0.0228
rs371782	A	-0.0259
rs57384594	A	0.1132
rs138026635	T	-0.0715
rs10875357	C	-0.0169
rs61784921	G	0.0802
rs141283108	T	-0.0655
rs2821391	G	-0.0143

rs10047178	C	0.0331
rs112901681	A	-0.0619
rs111918390	C	0.0479
rs12402179	T	-0.0308
rs61819310	G	0.0298
rs1192580	C	-0.0135
rs12062981	A	-0.0772
rs115981448	C	-0.0877
rs74455468	A	-0.0876
rs73117620	C	0.0413
rs56822709	G	0.0406
rs12122427	A	-0.044
rs2799672	G	0.0295
rs138406635	A	-0.0887
rs75773618	T	0.0898
rs12075439	A	0.0376
rs6701583	G	-0.0144
rs115270699	A	-0.0505
rs12732334	C	-0.018
rs138843338	A	0.0939
rs72756449	T	0.0625
rs2878409	G	0.0336
rs113652876	A	0.0388
rs72755605	G	0.0762
rs11207774	G	0.0152
rs77473524	T	-0.0449
rs138700061	A	-0.1009
rs7539603	G	-0.0565
rs114537356	A	0.0884
rs151182652	A	0.1036
rs142443237	G	0.09
rs4428953	A	0.0175
rs72711380	C	0.045
rs115227354	G	-0.0652
rs4288578	T	0.021
rs34189398	C	-0.0161
rs1459764	C	0.0201
rs115107994	A	0.0355
rs76385115	T	0.0716
rs6660834	A	0.0209
rs78402505	G	-0.0735
rs9308410	T	0.018
rs114234991	T	-0.0531
rs625127	T	-0.0421
rs139577070	A	0.0551
rs72886692	A	0.0185
rs115548223	G	0.0728

rs113173026	T	0.0253
rs1555025	T	-0.0137
rs11580324	C	0.0232
rs3898644	T	0.0707
rs4285682	A	-0.0132
rs77360551	A	0.0569
rs10910551	T	-0.0175
rs17112592	G	0.0225
rs148819660	T	0.0788
rs2369532	A	-0.017
rs12566468	T	0.0915
rs57647632	C	-0.014
rs75510977	T	0.0335
rs61766988	A	-0.036
rs79944482	A	-0.045
rs79805488	T	0.0304
rs11569840	G	0.1074
rs34554534	G	0.026
rs114197810	T	0.0544
rs79784462	A	0.0457
rs79945534	T	0.0547
rs77006921	A	-0.0274
rs116300103	T	-0.0472
rs144228077	G	0.0343
rs114284617	A	-0.0733
rs115875359	T	-0.0639
rs10920207	A	-0.0378
rs603836	T	0.0149
rs2576260	G	0.0132
rs116043569	A	0.0584
rs6666494	T	-0.0144
rs12034424	A	0.0135
rs9425303	A	0.0158
rs2796135	C	-0.0175
rs539308	A	0.042
rs2635028	G	0.02
rs147410718	A	-0.0347
rs111374838	C	0.0519
rs114750761	A	-0.0366
rs76447954	G	0.0253
rs116389218	A	0.1012
rs12745738	T	0.0216
rs1299726	C	-0.0153
rs61783250	C	-0.0668
rs148387282	A	0.0769
rs12404741	C	0.0524
rs115244343	T	-0.0375

rs115527315	G	-0.0998
rs148148717	T	-0.0717
rs10863659	T	0.0223
rs856090	T	0.0197
rs16824967	C	-0.0395
rs72629680	G	0.0715
rs1857144	C	0.0159
rs74684994	A	0.0952
rs74320604	C	-0.0382
rs6664492	T	0.0175
rs146075105	G	-0.0467
rs139226224	T	-0.0528
rs1294044	A	0.0173
rs115116431	G	-0.0673
rs4146496	C	0.0129
rs150131635	A	0.0478
rs1926879	T	-0.0129
rs1287637	A	0.0227
rs6604914	A	-0.0552
rs11582616	C	0.022
rs12045344	G	-0.041
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rs4649396	A	-0.0303
rs58564605	A	0.0153
rs12138108	A	0.0601
rs76744373	T	0.0746
rs11120130	A	-0.0469
rs75069476	T	-0.0557
rs143620501	A	-0.0749
rs910676	A	-0.013
rs3814018	T	0.0133
rs141641704	T	0.0638
rs12738201	C	0.0157
rs3104464	A	-0.0153
rs113274990	A	0.0638
rs115059985	A	0.0489
rs56011044	T	0.024
rs147779674	A	0.0261
rs146022246	T	0.0631
rs859079	T	-0.0606
rs114114968	A	0.0551
rs12030710	A	-0.0263
rs71672736	T	-0.0733
rs10800081	A	-0.0323
rs145719422	G	-0.0506
rs61801283	G	-0.0391
rs6677198	G	-0.0172

rs144146867	C	-0.1085
rs145997649	T	0.0335
rs12135982	T	-0.0213
rs79013677	C	-0.0267
rs12217104	A	0.0547
rs7555905	C	-0.0129
rs112827618	A	0.0519
rs116628972	A	-0.0725
rs78458351	T	-0.0858
rs60998976	T	-0.0167
rs116024799	T	-0.078
rs80263368	A	0.0611
rs115485927	C	0.063
rs12732247	C	0.0401
rs61766454	A	0.0176
rs72747611	A	-0.0798
rs10493162	G	0.0702
rs3121989	C	-0.0139
rs6670957	T	0.0285
rs12144563	G	0.0169
rs72721775	C	0.0311
rs12133910	C	0.0195
rs17110221	C	0.0237
rs114957558	C	0.0786
rs10926334	C	0.0343
rs56049658	G	-0.0441
rs2807348	A	-0.0148
rs115030544	G	0.0764
rs61768876	A	-0.0207
rs61806915	T	0.0804
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rs76969758	A	0.0919
rs1475694	A	-0.0166
rs2843018	A	-0.0166
rs79027022	T	0.0722
rs10910502	A	-0.0132
rs12120947	C	0.0232
rs77668549	G	0.0316
rs6662274	A	-0.0148
rs1847382	G	-0.0124
rs148714124	C	0.073
rs138351673	T	0.0616
rs74833572	C	0.1017
rs2001454	A	-0.0201
rs114935434	T	-0.0502
rs4915048	G	0.0431
rs79906727	C	0.0207

rs72697797	A	0.0357
rs145759918	T	0.0625
rs1875449	A	0.0203
rs17416550	A	0.0495
rs4638158	T	-0.0132
rs12139327	A	-0.0507
rs79402045	C	-0.1275
rs12756353	G	0.0325
rs67994022	A	-0.0186
rs77637803	A	-0.0501
rs1324716	T	-0.0136
rs12060818	G	-0.0382
rs140170258	T	-0.0644
rs115458454	T	-0.0707
rs72755815	T	0.0759
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rs141979134	G	0.0871
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rs76921255	A	-0.0443
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rs7418883	A	-0.0269
rs79668487	C	0.0292
rs150788366	C	-0.0558
rs3905158	C	0.04
rs111397720	T	0.059
rs111952347	T	0.0379
rs76732756	A	0.0645
rs10803002	C	-0.0185
rs79239274	C	0.025
rs12066799	A	0.0125
rs72666976	G	-0.0298
rs61766091	A	-0.0503
rs72724459	T	-0.0494
rs1412652	G	-0.0174
rs61837300	C	0.0329
rs913392	T	-0.0173
rs74602076	T	-0.0398
rs12239132	G	-0.0173
rs116191619	A	-0.0332
rs74402898	T	0.0296
rs17559127	A	-0.0598
rs12139093	A	0.0127
rs36026049	T	-0.0526
rs113506320	T	0.0654
rs112127176	C	0.0841
rs9326011	A	0.0149
rs2782792	T	0.0225

rs77430047	A	0.0564
rs173207	G	0.0137
rs141218523	A	0.0712
rs10927613	T	0.0135
rs12744530	A	0.049
rs6697032	A	0.016
rs72698610	T	-0.0655
rs16858953	G	-0.0679
rs1200610	G	-0.0169
rs7413155	A	0.0168
rs7536331	G	-0.0131
rs10915960	T	-0.0155
rs870752	T	0.0215
rs6588219	T	0.0129
rs72676389	C	-0.0456
rs61434101	C	0.056
rs17447274	G	0.0262
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rs989310	G	-0.0206
rs644592	T	-0.0187
rs35176344	G	0.0123
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rs10910052	T	-0.0253
rs12745589	T	-0.0349
rs76401668	A	0.0949
rs116316949	T	0.051
rs116331590	A	-0.0881
rs11590137	A	0.0657
rs6668498	A	0.0128
rs17506335	T	-0.0265
rs11117858	G	-0.0163
rs12060786	C	0.0202
rs2893416	C	-0.0275
rs17124345	T	-0.0167
rs77561997	C	-0.0182
rs12756279	C	0.0599
rs4656539	G	0.0227
rs9988443	A	0.0129
rs7526160	A	0.0198
rs75821489	A	0.0424
rs114766970	G	-0.0733
rs34196058	T	-0.0848
rs12024136	C	-0.0285
rs149450211	G	0.044
rs41292256	A	0.0401
rs112472418	A	0.1025
rs4079531	G	0.0127

rs12131275	A	0.014
rs34093838	A	0.0283
rs80135590	T	0.0483
rs151222547	A	0.0915
rs1872477	A	0.0717
rs150274298	T	-0.0393
rs74615644	C	0.0624
rs114416960	T	0.0712
rs12146078	T	-0.0172
rs6675584	A	-0.0124
rs75296423	G	-0.0576
rs116566410	A	0.0703
rs72763467	T	0.0689
rs147381693	T	0.1095
rs17421734	A	0.0213
rs12094880	T	0.0188
rs12145826	A	-0.0272
rs114564514	A	0.0871
rs1755304	G	-0.0529
rs706449	A	0.0162
rs4647018	C	-0.0798
rs60513083	C	0.1195
rs114931935	A	-0.0392
rs6678897	T	-0.0836
rs11204644	A	0.0235
rs61777716	A	-0.0338
rs853017	C	-0.0152
rs145166052	A	0.0771
rs140964443	T	-0.0434
rs115436486	T	-0.0306
rs12069483	A	0.024
rs9430047	T	0.0495
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rs7548148	T	0.013
rs149345807	C	-0.0791
rs115992086	T	0.0633
rs78289536	G	-0.0641
rs139746203	T	0.0546
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rs642307	C	-0.0123
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rs151247940	T	-0.0916
rs71628264	A	-0.0243
rs7550049	G	0.0128
rs142037963	G	0.0509
rs148258693	T	0.0716

rs141491890	C	-0.0587
rs12126161	G	0.0748
rs12034626	A	-0.0219
rs519370	C	0.0158
rs2363874	A	-0.029
rs880037	A	-0.0376
rs79584705	A	0.0686
rs79689786	C	0.0443
rs78002479	A	0.0504
rs76100656	G	0.0771
rs111886619	A	0.0489
rs3790715	G	0.0189
rs41306193	C	0.0261
rs12138977	C	0.0132
rs149100	G	0.0228
rs234105	T	0.0313
rs75426550	T	-0.0646
rs1341447	G	0.0127
rs114106347	T	0.0648
rs11580428	A	0.021
rs76494814	A	-0.0491
rs10889801	A	-0.0202
rs1552560	C	0.0153
rs6694171	A	0.0884
rs78980123	A	0.0611
rs291590	G	-0.0751
rs114503904	A	0.0714
rs79659484	G	-0.0503
rs61765555	T	0.0151
rs146394863	T	-0.0761
rs12118941	A	0.0177
rs61743290	A	0.0317
rs11800344	G	-0.0306
rs76692899	T	-0.0289
rs61005382	T	-0.0504
rs12184324	T	-0.0302
rs113304176	A	-0.0377
rs55731534	G	0.018
rs292006	G	-0.0254
rs138307608	T	-0.0621
rs2769689	T	0.0142
rs7518369	G	0.0426
rs17341127	G	0.093
rs72745400	C	0.0799
rs6674879	T	0.0173
rs668224	G	-0.0146
rs12568998	A	-0.0267

rs139786592	A	-0.0389
rs2945123	A	0.0169
rs12083701	A	0.0157
rs1417969	A	0.0139
rs78748604	T	0.0581
rs11585537	G	0.0187
rs6600256	C	0.0566
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rs10888979	T	-0.0276
rs79504179	G	-0.0511
rs74889172	T	-0.0534
rs2506991	A	-0.0135
rs3766332	T	-0.0271
rs149616594	T	0.1009
rs1281604	A	-0.0203
rs149809796	A	-0.053
rs79677464	A	-0.0925
rs982900	T	0.0287
rs6425892	A	0.0132
rs4660552	A	-0.0203
rs147100718	C	0.1062
rs12127685	A	0.0203
rs113352710	C	-0.0524
rs268779	G	0.0156
rs77936709	G	0.0638
rs1629928	G	0.0148
rs77005890	T	0.0224
rs56313125	T	0.0535
rs79499349	T	0.0978
rs1831704	A	-0.0145
rs12406882	T	0.0201
rs115113183	A	0.0485
rs76714282	C	0.0473
rs75321354	G	-0.0696
rs72657758	T	0.0858
rs7529360	T	-0.014
rs11102015	T	0.0229
rs3913881	C	-0.0886
rs28927681	G	0.0252
rs17091962	C	0.03
rs79207650	A	-0.0349
rs12036386	A	0.0168
rs79030973	C	-0.0283
rs41272727	C	-0.088
rs4661673	C	-0.0198
rs115518893	A	0.069
rs114348127	C	0.1189

rs2935927	A	0.0129
rs114868658	C	-0.0882
rs35968688	C	0.0482
rs61816662	A	-0.021
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rs147516474	A	-0.0549
rs841565	C	0.0204
rs41286866	G	0.0395
rs116184496	T	-0.0282
rs6428571	T	0.0163
rs150543247	T	-0.034
rs859370	T	0.017
rs55816489	T	-0.0706
rs11208065	A	-0.0149
rs6537665	T	0.0129
rs115376640	T	0.0497
rs12756373	C	0.0303
rs2789730	A	-0.015
rs56172822	G	0.0725
rs2177113	C	-0.0239
rs34491653	A	0.0268
rs114566438	T	-0.0535
rs1165493	A	-0.0175
rs76035591	T	0.0431
rs115993428	C	-0.0576
rs55995606	A	-0.0183
rs10802528	T	-0.0125
rs71645895	A	-0.0731
rs72748132	A	0.0351
rs1202610	A	0.0134
rs61771919	C	0.0738
rs139194917	A	0.0932
rs76227362	A	-0.0533
rs150451149	T	0.0447
rs75300178	T	0.0566
rs1441190	G	-0.0361
rs78306518	A	0.0668
rs6676644	C	-0.0208
rs12404679	T	-0.019
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rs284197	A	-0.0168
rs111962736	G	-0.0612
rs12028328	C	0.0826
rs61809139	T	0.0346
rs57427880	T	0.0508
rs7541747	C	-0.0157
rs75056884	T	-0.033

rs4651104	T	-0.0509
rs3767736	C	0.0237
rs72761235	G	-0.027
rs34256649	C	0.098
rs10492933	A	0.0281
rs6425738	T	-0.0121
rs10918761	T	-0.0238
rs17591849	C	0.0354
rs34343736	A	0.0216
rs1849939	A	-0.0262
rs60525879	C	0.0185
rs41292645	T	0.0847
rs1933072	A	0.0135
rs6682360	G	0.0698
rs12402320	T	0.0149
rs55818771	T	-0.026
rs12747565	T	-0.0164
rs4654861	T	0.0235
rs1323278	A	-0.0174
rs12145678	A	0.0233
rs11590626	A	0.0302
rs55746260	A	-0.0135
rs67428837	A	-0.0322
rs4397661	A	-0.0175
rs12404434	C	-0.0412
rs67939704	C	0.0145
rs141632501	G	0.0845
rs35922787	A	0.0953
rs16839142	T	0.0279
rs28523801	C	0.022
rs12562695	C	-0.0341
rs553882	G	-0.0176
rs143564815	G	0.0686
rs75392909	T	-0.0781
rs2275560	A	0.0154
rs2311047	G	-0.0378
rs1887053	A	-0.0759
rs6702924	A	-0.0137
rs10911620	C	-0.0165
rs112566114	T	0.0662
rs78823214	G	-0.0958
rs3766614	A	-0.0126
rs35526053	G	-0.1034
rs148593418	C	-0.0652
rs2236601	T	0.0311
rs12058422	T	-0.0155
rs55981420	G	-0.0164

rs12123486	G	0.0149
rs137914520	T	-0.1108
rs670431	T	0.0348
rs12036147	T	-0.0304
rs2135601	C	-0.0144
rs6703004	G	-0.0131
rs4656787	C	0.0219
rs12088020	C	0.0617
rs7416861	C	0.0468
rs55907663	A	0.0849
rs12127370	G	-0.0289
rs3845609	C	0.0241
rs115164254	C	-0.04
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rs75880300	A	0.0363
rs141234874	T	0.0804
rs11585184	T	-0.0227
rs1539634	C	0.0243
rs3103777	A	-0.0333
rs34101846	C	-0.0254
rs12136537	A	-0.0169
rs16851839	G	0.0855
rs145109266	G	0.1167
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rs2748975	C	0.019
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rs2764878	T	-0.0158
rs114779685	T	-0.0438
rs56785411	A	0.016
rs75186794	A	-0.0786
rs77949920	G	0.0416
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rs11120596	T	0.0281
rs619729	C	0.0129
rs12563568	T	0.0157
rs35437590	C	0.0155
rs818960	A	-0.0375
rs543948	T	0.0587
rs35953644	T	-0.0189
rs986874	G	0.0125
rs139648314	G	-0.0507
rs11801181	T	-0.0446
rs75791969	T	0.0852

rs72733168	T	0.0608
rs79554253	C	-0.0471
rs592726	C	0.0127
rs114397232	C	-0.0736
rs78127936	T	0.0526
rs114675388	T	0.0702
rs61360507	G	0.0549
rs681013	T	0.0166
rs114139462	T	0.0353
rs114960952	T	0.0805
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rs12567565	A	-0.0648
rs76657494	A	-0.0632
rs6662794	A	0.0358
rs144337053	T	0.0724
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rs12119126	A	0.024
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rs75875099	G	-0.0494
rs55999465	G	-0.024
rs79197232	C	0.0849
rs56410134	G	-0.0756
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rs745526	T	-0.02
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rs2076466	G	-0.0147
rs1202812	T	-0.0135
rs2647392	A	-0.0131
rs17578870	A	-0.0184
rs6685943	A	-0.0149
rs6684090	T	-0.0317
rs114757723	G	-0.0844
rs9308447	T	-0.015
rs78551960	A	0.0465
rs10798294	G	0.024
rs116257428	G	0.0437
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rs6429539	A	0.0438
rs114075730	A	-0.0522
rs6704011	C	-0.0211
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rs72715681	C	0.0169
rs140321122	C	0.0527
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rs12138491	G	-0.0185
rs2089502	T	-0.0488
rs9970917	T	0.0379
rs116222036	A	0.0495
rs114399895	A	-0.0578
rs115293227	T	0.0737
rs17100624	T	-0.0211
rs10918703	A	0.0259
rs457397	G	-0.0325
rs76815725	T	0.0803
rs235485	G	-0.0136
rs17483835	A	-0.0253
rs115535335	C	0.0585
rs10864048	G	-0.0131
rs145363677	G	0.081
rs9433437	A	-0.0587
rs1033974	G	-0.0155
rs78706749	G	0.0378
rs6698436	G	-0.012
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rs11203297	A	-0.0177
rs56086749	T	0.0467
rs9428894	A	-0.016
rs35825966	T	0.0251
rs12724413	G	0.0926
rs672453	A	-0.0219
rs12091838	T	0.018
rs4526656	A	0.0602
rs1419290	C	0.0232
rs2737635	G	0.0343
rs9660182	A	-0.0174
rs61770531	C	-0.0345
rs114524105	T	-0.0305
rs56130347	C	0.0241
rs72981843	C	-0.0223
rs75432001	T	-0.0932
rs55770461	C	-0.0298
rs7520823	C	0.0126
rs144680281	A	-0.0551
rs75663797	T	-0.091
rs6685233	G	-0.0198
rs2491132	T	-0.0174
rs116232733	T	0.0377
rs699265	G	-0.0193

rs269131	G	0.0119
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rs1126700	G	0.0253
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rs78254884	T	-0.0786
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rs777067	G	-0.0758
rs12030727	C	0.0177
rs10737203	A	0.0147
rs6666330	G	0.0172
rs77840560	A	-0.049
rs11584485	A	-0.0161
rs149613791	A	-0.0879
rs79329147	G	0.0148
rs10436974	A	-0.018
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rs7528847	T	-0.0233
rs984913	T	-0.0432
rs6701589	A	0.0289
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rs115072105	T	0.0383
rs12136403	T	0.0335
rs78124358	T	0.0713
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rs116232091	A	-0.0782
rs12184330	T	0.0219
rs144645991	T	-0.0608
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rs111841573	A	-0.1052

rs114795409	A	-0.0567
rs143757916	T	0.053
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rs138656560	A	-0.0928
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rs143553868	A	-0.0712
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rs60159997	G	0.0487
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rs140799861	C	0.0668
rs12724873	T	-0.0569
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rs72703787	A	-0.0287
rs1318827	A	-0.0204
rs1928719	T	0.0174
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rs77721552	T	-0.0407
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rs72752868	A	-0.0163
rs4920544	A	-0.0195
rs79534627	A	0.0599
rs6664577	A	0.0279
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rs72686800	A	0.0393
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rs12405103	C	0.0339
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rs148527214	G	0.0534
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rs834993	T	0.0131
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rs13447531	T	-0.0362
rs10923142	T	-0.0192
rs789648	C	-0.0151
rs75739164	G	0.0831
rs2121953	C	-0.0315
rs112833176	C	-0.0741
rs76827034	T	-0.0437
rs61827096	C	0.0574
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rs79944122	G	0.0946
rs75213339	T	-0.0558
rs56197340	T	-0.0211
rs1260836	A	-0.0144
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rs116146827	A	0.0944
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rs448357	A	0.0123
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rs112275297	A	0.0413
rs6697826	C	-0.0179
rs12752801	T	0.0182
rs17345768	G	0.0508
rs79016051	C	-0.0244
rs17507282	A	0.0243
rs75839717	A	0.0471
rs58351438	C	-0.1081
rs72734626	A	-0.03
rs12090159	A	0.0142
rs73067363	A	-0.0218
rs114615663	G	-0.0637
rs144052318	A	0.11
rs74554154	T	-0.0757
rs75164063	A	0.0703
rs12097997	G	0.0126
rs61824830	T	0.1038
rs4920600	A	0.0132
rs73088247	G	-0.0466
rs6695297	C	-0.0153
rs114985367	T	0.0421
rs12049266	G	0.0172
rs12744979	T	0.0682
rs12026331	A	0.032
rs6424550	T	-0.0131
rs79483504	A	-0.1063
rs147487225	C	0.1293
rs1349866	A	-0.0217
rs74912511	G	0.0884
rs6428558	C	-0.0149
rs6428595	G	-0.0155
rs4987332	T	-0.0513
rs114617974	G	-0.0643
rs77925514	T	-0.0694
rs79953278	T	0.0327
rs80130874	C	0.0433
rs78915394	T	0.0416
rs72711793	T	-0.033
rs61846665	A	0.0263
rs12076482	A	-0.0441
rs3819842	T	0.0154
rs61776543	C	0.045
rs72676333	C	-0.0598
rs17111811	T	-0.0299

rs1327710	T	-0.0158
rs149961385	T	0.054
rs116258744	G	0.0414
rs2134837	T	0.0175
rs10776724	C	-0.0117
rs12064734	A	0.0774
rs17229396	T	0.0391
rs4845532	A	-0.0127
rs12756720	C	0.0145
rs1076624	T	-0.0157
rs924084	A	-0.0166
rs149969870	A	-0.0801
rs863006	G	-0.0122
rs79685733	C	0.105
rs3003228	G	-0.042
rs79777328	T	-0.0381
rs79881117	G	-0.022
rs6690438	T	-0.0143
rs2815265	A	0.0216
rs34573848	A	-0.0212
rs3903874	G	0.0434
rs76855778	G	-0.0623
rs17025286	A	-0.0249
rs11588095	G	0.0365
rs35856977	G	-0.0287
rs150819000	T	0.0578
rs4845145	A	0.0189
rs2854455	C	0.014
rs71509032	T	-0.0412
rs74115334	G	0.0953
rs12145542	G	-0.0731
rs114040007	C	0.0826
rs12045570	A	0.0124
rs141025430	G	-0.0547
rs11207651	G	0.0121
rs12061504	C	0.0623
rs72770309	C	-0.0679
rs2071494	C	0.0342
rs137966606	C	-0.0717
rs117083672	A	-0.0418
rs80136977	A	0.0373
rs76708001	T	0.0558
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rs78030874	C	0.0491
rs144222752	T	-0.0618
rs72685824	T	-0.032
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rs12733747	C	-0.0188
rs140639826	A	-0.0798
rs17423764	A	0.0173
rs142744318	C	-0.0906
rs6684738	C	0.0192
rs1242758	G	0.0167
rs114451071	T	0.0301
rs12727135	G	0.0142
rs11587044	T	-0.0526
rs2495494	C	-0.0447
rs6680231	C	0.0334
rs2816022	T	0.0242
rs2002847	G	0.0136
rs657308	A	-0.0148
rs7530308	T	0.0195
rs56275269	A	-0.0481
rs114709712	G	0.0397
rs6704373	G	-0.0131
rs7549725	C	0.0465
rs72631050	A	-0.0315
rs34355819	T	-0.0129
rs142257213	A	0.054
rs57458129	A	0.0421
rs56381569	G	-0.0171
rs114242718	T	0.0705
rs6429665	G	-0.0125
rs75287840	A	-0.0508
rs215760	C	0.0171
rs6427349	C	0.0151
rs61848609	A	-0.0243
rs76597961	A	-0.1129
rs138761415	A	0.092
rs55882046	T	-0.0221
rs115681289	C	0.0298
rs12138919	T	0.0519
rs80002687	A	-0.037
rs10903046	C	0.0133
rs17368402	A	0.019
rs149446638	A	-0.0666
rs1417366	T	0.0323
rs1268524	C	0.0141
rs36042660	T	-0.0767
rs138284250	C	0.0933
rs12119517	G	0.0164
rs6656902	C	0.022
rs74609104	T	-0.082

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rs115083479	A	0.0553
rs61797368	C	0.0226
rs4659583	T	0.0126
rs79625712	A	0.0596
rs112112837	A	0.0403
rs886738	T	0.0151
rs61816972	A	-0.0235
rs1262295	A	0.025
rs150639603	G	0.0267
rs115407872	C	-0.063
rs7529912	C	-0.0165
rs1980908	A	0.0222
rs75982300	G	0.0264
rs72721133	C	0.0399
rs114328632	T	-0.0455
rs2236604	A	0.0179
rs3008979	G	0.0213
rs41290148	G	-0.034
rs145802019	G	-0.0482
rs11801161	T	0.0335
rs117190487	T	-0.0741
rs115642218	T	0.064
rs4920440	A	0.0122
rs1228828	T	-0.0143
rs3918008	A	0.0445
rs78483599	C	-0.0237
rs12126578	C	-0.0132
rs140044125	T	0.0943
rs79042637	A	-0.0661
rs79864939	A	-0.0542
rs138958022	C	-0.1104
rs77009174	A	0.0154
rs75932087	G	0.0645
rs12097374	G	0.0404
rs142079698	A	0.0585
rs148381308	G	-0.0414
rs114021246	C	-0.1106
rs2500342	A	0.0144
rs146806747	T	-0.0683
rs12745358	A	-0.0142
rs147038706	T	-0.0615
rs115627932	C	-0.0472
rs17012155	T	0.0255
rs77741621	T	0.0506
rs1619081	C	-0.0245
rs115059569	A	0.0602

rs111837618	T	0.0626
rs17483462	A	0.0244
rs9427727	T	-0.0125
rs6693220	T	-0.0308
rs12032216	C	-0.0232
rs114898159	C	-0.0515
rs115813856	C	0.0826
rs138087096	T	-0.0468
rs2643897	T	-0.0187
rs3866642	T	-0.013
rs77841908	T	0.0533
rs139826170	T	0.0586
rs113955919	T	0.0627
rs79613313	T	-0.0615
rs2152096	G	-0.0164
rs12138459	A	0.0129
rs1288347	A	0.012
rs11584681	C	0.0221
rs77934262	A	-0.0278
rs4659193	G	-0.0201
rs76544063	C	0.0347
rs12142699	A	0.0151
rs6692281	A	-0.0319
rs111918627	C	0.1099
rs17366292	A	-0.0338
rs116371640	A	0.0532
rs7519887	T	-0.0152
rs116469189	A	0.0534
rs76516194	G	0.0704
rs1146539	A	0.0194
rs17663177	G	0.0227
rs61828366	A	0.0462
rs1233789	C	-0.0126
rs112746922	T	-0.044
rs17407776	G	-0.0349
rs143489963	C	-0.0234
rs72709630	G	-0.0316
rs144578669	T	-0.0537
rs77190890	T	-0.038
rs6699367	A	0.0239
rs77255787	A	0.0573
rs36043030	T	-0.0367
rs78489670	G	0.0456
rs77078116	T	-0.0566
rs6664021	A	-0.0134
rs2871869	A	-0.0143
rs12089762	T	0.0213

rs148404672	T	0.075
rs11587579	A	0.0612
rs16849156	C	-0.091
rs115614792	G	0.0376
rs58033434	C	-0.0879
rs1832952	T	-0.0438
rs77743406	A	-0.0774
rs149134128	G	-0.0831
rs111376301	T	0.0191
rs116307511	G	0.0581
rs10873890	G	-0.0138
rs12404288	T	0.0368
rs116774799	A	-0.0425
rs4655533	A	-0.0652
rs821403	T	-0.0187
rs72670315	A	0.052
rs7550019	A	-0.0122
rs55962532	G	-0.0128
rs1004420	T	0.0167
rs140603320	A	0.0535
rs79726813	A	0.0302
rs80194698	A	0.0657
rs671485	C	-0.0173
rs77393839	C	0.0347
rs407918	A	0.0131
rs6697222	T	0.0475
rs6666255	A	0.0279
rs61788197	A	0.0135
rs1406859	A	-0.0114
rs10482819	A	-0.0386
rs17425903	C	0.0262
rs554445	G	-0.0152
rs113924375	C	0.0366
rs72681629	C	0.0342
rs78869074	G	-0.0396
rs12129639	G	-0.0617
rs79986660	A	-0.0535
rs12120031	C	-0.0184
rs139702993	A	0.0461
rs1556922	T	0.0172
rs77432395	T	-0.0758
rs3138156	C	-0.0241
rs114751860	T	-0.0918
rs61798047	C	-0.0117
rs11165974	T	-0.0275
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rs41310367	T	-0.0413

rs77687933	T	0.0503
rs116278013	C	-0.0448
rs7535429	T	-0.0737
rs913390	C	0.0372
rs116672467	C	0.0392
rs114229971	T	-0.0803
rs7537605	A	0.0127
rs75104261	C	-0.0158
rs3906403	C	0.0165
rs77941263	T	0.0867
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rs80164815	A	-0.0497
rs149436017	A	-0.0826
rs12118997	C	0.0291
rs4927181	A	-0.0164
rs76768738	A	0.0161
rs61763721	T	-0.0213
rs2646813	A	-0.0126
rs149753436	T	0.037
rs12127316	A	0.1052
rs72678119	C	0.032
rs7532958	C	0.0145
rs113951378	T	-0.0422
rs10518665	A	0.0359
rs76022336	C	-0.0335
rs72690243	C	0.0563
rs561334	C	-0.0143
rs138190002	C	-0.0398
rs12127799	A	-0.0125
rs913993	T	0.0163
rs4554761	A	-0.0126
rs76848891	G	-0.0439
rs354584	T	-0.0298
rs11582488	A	0.0527
rs78294074	T	-0.0723
rs72768402	T	-0.0419
rs79608543	G	-0.0575
rs61662468	C	-0.0677
rs76934913	A	0.0224
rs2798335	A	0.0121
rs142373032	G	-0.0637
rs6674109	C	0.0586
rs114623184	A	0.0491
rs1536897	G	-0.02
rs59057707	T	0.0502
rs75943066	G	-0.0244
rs114208632	C	0.0351

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rs17426576	T	-0.0263
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rs3748752	A	-0.0123
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rs1281340	G	0.0117
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rs7536479	A	0.0211
rs61799667	C	0.0767
rs7528586	A	0.0544
rs114049819	T	0.0717
rs12410914	G	0.0155
rs10926230	C	0.0227
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rs17097193	C	-0.045
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rs12121887	T	-0.0128
rs10888949	A	0.0166
rs6540614	C	-0.016
rs12031056	T	-0.0169
rs3768045	T	-0.055
rs72761845	T	-0.1037
rs11161438	G	0.0249
rs1546161	A	-0.0153
rs79106388	G	0.0429
rs115230336	T	0.0474
rs12074078	T	-0.0336

rs72675173	T	-0.0643
rs72716360	G	-0.0249
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rs96501	C	0.0155
rs115741871	C	0.0449
rs143149394	A	-0.04
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rs74434223	G	0.0579
rs141306582	G	0.0428
rs11809762	G	0.0183
rs12755958	T	0.0181
rs72764632	T	-0.0246
rs12072315	G	-0.0117
rs6663292	A	0.0118
rs61828128	T	0.0549
rs61763346	G	0.0384
rs10890225	C	0.0128
rs2582067	G	0.0242
rs80275384	A	-0.0728
rs7516986	C	0.0833
rs150630360	G	0.1065
rs10798402	G	0.0176
rs10747362	C	-0.0401
rs115971149	T	0.0758
rs7549894	T	-0.0467
rs112663365	A	0.0317
rs113752743	T	-0.1316
rs61799489	A	-0.0431
rs4847396	G	-0.045
rs116105185	C	-0.0327
rs699221	T	0.028
rs78079451	T	-0.0142
rs145423750	T	0.0538
rs11210982	A	-0.0122
rs12408853	T	-0.0557
rs147109226	C	0.0729
rs72712347	A	0.0408
rs1436779	G	0.0248
rs17010009	T	0.0449
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rs61781838	C	-0.0608
rs17402942	C	0.0191
rs10489945	T	0.0275
rs6425438	C	0.0151
rs149651391	T	0.0616
rs75916386	A	-0.0337

rs2985849	A	-0.0151
rs3791092	G	-0.019
rs6693660	G	-0.0121
rs1288919	A	0.0133
rs12096975	A	-0.0619
rs12138240	A	0.059
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rs78828075	A	-0.0458
rs35764813	A	0.045
rs146875287	T	0.0605
rs114307971	A	0.0798
rs61821630	C	-0.059
rs146437101	A	0.0293
rs12409165	G	0.0211
rs9329417	C	-0.0123
rs115561880	G	0.091
rs1214608	T	-0.0115
rs6686515	G	-0.0196
rs111304886	A	0.0455
rs12731373	G	-0.0114
rs12137337	A	0.0556
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rs12093097	T	0.0225
rs3753340	A	0.0575
rs11210992	T	0.0144
rs3136706	T	-0.0134
rs61826691	T	0.0508
rs114408769	T	0.0511
rs11247599	T	0.0117
rs76486004	T	-0.0331
rs142468208	A	0.0585
rs12239526	A	0.024
rs2274941	G	-0.0125
rs72744055	C	0.0927
rs9651260	C	-0.0251
rs6669278	T	-0.0171
rs12562733	G	-0.0155
rs79723051	A	0.0641
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rs75466781	G	-0.0454
rs1577139	T	0.0113
rs76806606	T	-0.0405
rs114709165	A	0.0476
rs116147147	A	0.0627
rs79265084	G	-0.0435
rs2997336	G	-0.012
rs2986554	C	-0.0135

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rs11582938	G	0.0132
rs76700654	T	0.0322
rs4915725	C	0.0203
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rs111850598	G	-0.0494
rs143584985	C	-0.0524
rs7542399	C	0.0113
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rs12743075	T	-0.0411
rs1413584	T	-0.0356
rs28505213	A	0.0202
rs1571983	G	0.0122
rs1553456	A	0.0143
rs7415289	C	-0.0141
rs1769847	T	0.0129
rs6669253	A	0.016
rs13375636	A	0.0625
rs61765105	T	-0.0487
rs2499851	C	0.0123
rs546481	A	0.024
rs4559484	T	0.0139
rs114860759	A	0.065
rs74459805	G	-0.126
rs77722267	T	-0.0523
rs116072155	A	0.0869
rs114675425	C	0.0682
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rs116071213	G	0.0352
rs113736242	C	0.0329
rs141694244	A	-0.0597
rs11572405	C	0.0449
rs147301885	C	0.0731
rs218422	T	0.0135
rs148402734	T	-0.0705
rs835345	G	-0.0118
rs12747689	T	-0.0905
rs142451395	T	0.095
rs12750026	G	-0.0215
rs56408286	T	0.0243
rs67607949	G	-0.0211
rs72746210	G	0.0521
rs72765078	C	-0.0676
rs2387415	G	0.0229

rs61825717	G	0.1006
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rs1663171	A	-0.0124
rs151287243	C	-0.0548
rs11583867	A	0.0124
rs11584308	G	-0.0197
rs79020296	T	-0.0454
rs17652870	G	0.0217
rs7542241	T	0.0625
rs144917782	T	0.0437
rs12083086	T	0.0468
rs955115	A	0.0193
rs10923040	C	0.0117
rs4915462	C	-0.02
rs1316637	G	0.0145
rs2799676	T	-0.0121
rs4915715	C	0.0164
rs114901635	C	0.0512
rs72700445	T	-0.0297
rs17534341	A	-0.0183
rs7552980	C	-0.0297
rs7520160	T	-0.015
rs2781080	C	-0.0184
rs115492669	T	0.0785
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rs115001841	A	0.0419
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rs115803871	T	-0.0609
rs115677866	A	-0.0535
rs114132950	G	0.0598
rs61821466	C	-0.0665
rs68052659	A	0.0115
rs1770010	C	0.0163
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rs113204626	C	0.0587
rs139387352	A	-0.0618
rs111364974	T	-0.0851
rs76102976	A	0.0166
rs7549904	G	0.0146
rs116297556	T	-0.0514
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rs4303046	C	-0.0118
rs599565	G	-0.012

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rs112676096	G	0.0703
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rs72667621	G	-0.0512
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rs118094992	C	0.0255
rs35439138	T	0.0492
rs115426632	C	0.0613
rs78806897	T	-0.0605
rs145019086	T	0.0466
rs114540418	A	-0.0892
rs4951380	A	-0.0527
rs10429940	C	-0.0355
rs146463668	C	-0.1028
rs4656474	T	-0.0296
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rs35751717	T	-0.0235
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rs6675014	T	0.0701
rs1579514	T	-0.0244
rs112604044	T	0.0341
rs7532974	A	-0.0118
rs61829403	T	-0.0154
rs116012130	A	0.0364
rs2457067	G	-0.0185
rs9435005	C	-0.0332
rs3941534	C	0.0198
rs76215597	T	0.0633
rs149026539	T	0.0334
rs115864893	T	-0.0437
rs139349378	C	0.048
rs4622086	G	0.0335
rs112964130	G	0.0444
rs75219100	C	0.0687
rs111240674	A	-0.0658
rs10779838	A	0.0367
rs10914204	C	-0.0147
rs78708666	T	0.0407
rs116763322	T	-0.086
rs76289500	A	-0.0533
rs2038118	G	0.0166
rs11121332	C	-0.012
rs115911980	C	0.0545
rs78682437	T	-0.0181

rs76326780	A	-0.0539
rs853010	T	0.0134
rs77182926	T	0.0484
rs34048040	T	-0.0499
rs74568378	A	-0.0475
rs701209	A	-0.0141
rs12059715	C	-0.0447
rs12040971	T	0.0139
rs6600269	A	0.0164
rs10493715	T	0.0526
rs366214	C	0.0131
rs144781241	A	-0.0732
rs607007	G	-0.0115
rs10803031	C	-0.012
rs77384844	A	0.0174
rs991191	C	-0.012
rs28360395	G	0.0358
rs10920324	T	-0.0123
rs11117898	G	-0.0584
rs4528124	T	-0.0121
rs12745755	C	-0.0603
rs115310997	T	-0.0443
rs72752243	T	-0.0444
rs113608503	T	0.0124
rs3738746	A	0.012
rs79763481	G	0.0979
rs6537859	G	0.0212
rs7544107	C	0.0558
rs139546222	C	0.0405
rs140311650	T	0.0605
rs143630849	C	-0.0469
rs73115633	G	0.0581
rs309065	C	-0.0122
rs59161060	T	-0.0126
rs2689130	T	-0.0124
rs7528549	T	-0.0159
rs35909386	T	0.0286
rs149736899	G	0.0674
rs12144762	G	-0.0295
rs11806248	A	-0.0165
rs12123492	A	0.0139
rs17604243	T	0.0495
rs12737405	C	0.0404
rs4659083	A	-0.0173
rs71642898	C	0.0332
rs1715780	C	0.014
rs142546586	T	0.074

rs72763502	T	-0.0192
rs76533014	C	-0.0414
rs16831518	C	0.0164
rs115615035	A	0.0615
rs1123879	A	0.027
rs76940784	A	0.0235
rs149585205	A	-0.0342
rs6686007	C	0.012
rs4656754	A	-0.0486
rs6687591	T	0.0303
rs114437616	T	0.0149
rs74779882	T	-0.0535
rs76511966	T	-0.0441
rs116483235	T	-0.0632
rs79662043	A	-0.0386
rs139606725	C	-0.1151
rs72678422	T	0.0604
rs140216090	T	-0.0523
rs1016378	G	-0.0266
rs114200864	A	-0.0651
rs17345754	C	-0.0159
rs75523559	T	0.0692
rs146764072	G	0.042
rs72677404	T	0.0478
rs205485	T	0.0226
rs2902199	T	0.0124
rs16859441	A	-0.0513
rs4128841	T	0.0114
rs149687465	A	-0.0539
rs79010292	C	0.0257
rs78734103	G	-0.0451
rs821422	A	0.0194
rs857703	A	0.0113
rs17527889	G	-0.064
rs149992240	C	0.0558
rs17626669	A	-0.0623
rs142972392	T	0.0825
rs77260368	A	-0.0672
rs4845053	C	0.0392
rs10799459	G	-0.0162
rs79309487	A	-0.0509
rs3006864	G	0.0578
rs56040584	G	-0.0186
rs55931709	A	0.035
rs3001349	C	-0.0127
rs951919	G	0.0517
rs17126889	C	0.0207

rs17381113	A	0.0255
rs72853528	T	0.014
rs141762616	A	0.0315
rs145862713	G	0.0741
rs77250285	A	-0.0404
rs4661470	T	0.0154
rs74950823	T	0.0373
rs6698760	A	0.0116
rs55983724	G	0.0294
rs6696976	G	-0.0122
rs11807372	C	0.018
rs798066	G	0.0114
rs116120919	T	0.046
rs61602600	C	0.0279
rs2236851	T	-0.0201
rs6671919	A	0.0239
rs75226603	C	0.065
rs16849413	T	-0.0342
rs10157691	G	0.012
rs16850310	A	-0.0658
rs12121710	C	-0.0329
rs142720533	A	-0.043
rs72716132	G	0.0377
rs114218159	A	0.0403
rs7822	T	-0.0141
rs149309891	G	0.0623
rs114517250	C	0.0773
rs139076435	G	-0.0606
rs12737042	T	-0.0237
rs140075266	A	-0.0779
rs139686286	T	0.0886
rs2772122	C	-0.0141
rs74619055	A	0.0532
rs12238999	A	0.0306
rs527327	A	0.0517
rs2136685	A	0.0208
rs679836	G	-0.0335
rs6537784	T	-0.0216
rs11805919	T	-0.016
rs10797350	T	0.0286
rs139383293	G	-0.0375
rs115053070	A	-0.0632
rs77477863	C	0.0354
rs12239339	G	0.0767
rs76308796	T	-0.043
rs61737289	A	0.0307
rs3001283	T	0.028

rs11572496	G	-0.0209
rs12726598	T	-0.0225
rs10927624	A	0.0149
rs79305706	A	-0.0647
rs17018773	T	0.0129
rs6664618	T	0.0114
rs11579260	G	0.0465
rs115869038	T	-0.0503
rs2794354	T	-0.0265
rs79853887	G	0.066
rs112549775	G	-0.0478
rs664623	A	0.04
rs71628161	T	0.0462
rs9661734	A	-0.0258
rs144993607	C	-0.0533
rs72676587	G	0.0456
rs56003965	A	0.0575
rs146869815	G	-0.0305
rs116375168	G	0.0382
rs2492493	G	0.0323
rs10863981	A	0.0157
rs144530198	T	-0.0526
rs148298575	C	0.0695
rs146621714	G	-0.0513
rs61809482	C	-0.0174
rs34484539	T	0.0385
rs75250942	A	-0.0353
rs72745398	A	-0.0565
rs1764697	C	-0.0232
rs141759582	A	0.1078
rs76713253	C	0.0497
rs2982465	T	-0.0128
rs11579040	T	0.0277
rs11206471	A	0.0581
rs12085547	A	-0.0131
rs6424748	C	-0.0413
rs72769473	C	-0.0295
rs1535919	C	-0.0149
rs12083561	C	-0.083
rs10801440	C	0.034
rs791542	A	-0.0611
rs79539742	G	-0.053
rs4607882	G	0.0123
rs7533662	A	0.0114
rs12123860	A	-0.0116
rs12119476	G	-0.0153
rs944085	C	-0.0688

rs139027743	A	0.0574
rs113050070	T	-0.0829
rs56270137	A	0.0804
rs55740189	T	-0.0349
rs61818340	T	0.054
rs62541951	G	-0.0658
rs149872924	A	-0.0592
rs144165442	T	-0.057
rs35507313	T	0.0343
rs35315513	A	0.0272
rs73065401	G	-0.084
rs77757284	A	-0.099
rs10482796	C	-0.0136
rs79254264	T	0.0482
rs74731712	C	0.0237
rs1772635	C	0.0128
rs61773227	G	0.0316
rs11578785	G	0.0424
rs75980023	T	-0.03
rs11240240	C	0.0309
rs12738927	C	-0.0662
rs2501776	C	0.0135
rs116079353	G	-0.053
rs1383397	T	-0.0552
rs34422364	A	0.0429
rs76425404	A	0.0704
rs115136021	A	-0.0571
rs1811695	C	0.0221
rs61772308	A	-0.0513
rs12122188	A	-0.0269
rs144464734	T	0.0694
rs11582590	A	-0.0211
rs111546041	A	0.0214
rs716222	C	-0.011
rs75247983	T	0.0644
rs147802074	T	0.0434
rs114407573	A	0.0521
rs1892259	T	0.0129
rs12079180	C	-0.0174
rs12137505	G	0.0125
rs2213735	T	-0.0222
rs4656737	T	0.017
rs12564791	T	-0.0187
rs12134185	C	-0.0147
rs34630424	A	-0.0347
rs80348030	G	0.02
rs1776045	T	0.0233

rs7534092	A	0.0398
rs12080989	T	-0.0157
rs76213402	C	0.0599
rs77419199	A	0.0483
rs116330534	A	-0.0598
rs142871247	C	0.0527
rs2132392	C	0.0181
rs115268873	T	0.1019
rs3001069	C	-0.0159
rs150131945	T	0.0315
rs74320375	G	-0.0765
rs147963986	T	-0.0557
rs17422551	T	-0.0242
rs697693	A	-0.0147
rs61788981	C	0.061
rs140021977	A	-0.0988
rs80028889	G	0.0413
rs872129	G	0.019
rs114125931	C	0.0303
rs61836886	C	-0.0224
rs17259359	C	0.1011
rs12141644	T	0.0259
rs55931093	A	-0.0362
rs72753585	G	0.0433
rs10801638	T	0.0113
rs71644606	A	-0.0439
rs12758184	G	0.0124
rs35645368	A	0.0283
rs1338574	A	0.052
rs423125	C	-0.0261
rs41307650	T	0.0722
rs35300422	G	0.0208
rs61803308	T	0.0331
rs1295972	G	0.032
rs6692418	C	-0.0122
rs141009981	T	0.0495
rs3814341	G	0.017
rs112392511	C	0.0612
rs75559594	C	0.0518
rs144965917	A	-0.0406
rs116009361	C	-0.0854
rs4494160	T	0.0129
rs6425986	A	0.0326
rs55786092	G	-0.0116
rs12123186	T	0.017
rs78080497	G	-0.0346
rs148832003	G	0.0499

rs11165186	C	-0.0161
rs114674915	G	0.0721
rs4011943	C	0.0144
rs145299164	A	-0.0563
rs75671091	A	0.0448
rs77632059	A	0.0237
rs17412543	T	0.0187
rs112345326	A	-0.077
rs55686211	G	0.0331
rs114939803	C	-0.0379
rs114254341	C	-0.0376
rs10919120	G	0.0145
rs926581	T	0.0113
rs6678932	A	-0.0135
rs138422991	A	-0.0698
rs73052301	G	0.0781
rs67596352	A	0.0225
rs41263973	A	0.0515
rs114326965	G	0.0595
rs12406448	C	0.0652
rs1328828	A	-0.0178
rs858568	A	0.0165
rs912773	A	0.0112
rs147275129	A	-0.073
rs6675905	A	-0.0126
rs10920106	T	-0.0169
rs7536162	C	-0.0149
rs12139827	A	-0.0517
rs12074422	C	0.0452
rs79999655	A	-0.0391
rs61826080	C	0.0857
rs79896940	C	0.0654
rs77464110	A	-0.0339
rs115898261	A	-0.0876
rs945951	C	0.0233
rs72720301	C	-0.0656
rs12143620	A	0.0304
rs167662	T	-0.0369
rs4658785	G	0.015
rs4912147	T	0.0188
rs67450509	G	-0.0129
rs11800148	T	-0.0677
rs75553093	T	0.0256
rs11240661	C	0.0144
rs61765575	G	-0.0367
rs76921361	G	0.0602
rs10922339	G	-0.0111

rs61823478	A	-0.0191
rs12094804	G	-0.0348
rs114484970	C	0.0677
rs35145699	T	0.0292
rs6684005	T	-0.0192
rs2411778	A	-0.0748
rs61774167	G	-0.0259
rs76846298	G	0.0503
rs3027016	G	0.0153
rs148912569	T	0.065
rs859106	G	-0.0175
rs7550315	C	-0.0367
rs6429243	C	0.012
rs79548558	A	0.0408
rs4920180	A	0.0197
rs10802430	T	-0.0466
rs143953201	T	0.0337
rs1937139	C	-0.0437
rs75631561	A	0.056
rs6666748	G	-0.0227
rs6687629	A	0.0108
rs72659938	A	0.0734
rs622212	A	-0.0246
rs79158230	T	0.0973
rs76396851	G	0.0166
rs12129802	G	-0.0708
rs974584	G	0.0189
rs12406473	G	0.0147
rs114409429	T	-0.0726
rs113819087	T	0.0149
rs10918271	T	-0.0122
rs61776064	G	0.0371
rs10857824	A	0.0124
rs12128613	A	-0.0283
rs61814809	T	-0.0132
rs116139728	T	0.075
rs12409583	G	-0.0418
rs143316922	T	-0.0579
rs77492815	T	-0.0331
rs41453448	A	0.0211
rs72716236	G	-0.0754
rs1481148	C	0.0468
rs12752868	T	-0.0211
rs115171857	T	0.0318
rs115660612	A	-0.0308
rs7533146	C	0.0135
rs116224866	C	0.0577

rs6662088	A	0.0186
rs9426466	A	0.0198
rs76956202	A	0.0351
rs1448392	C	-0.0193
rs77867567	A	0.0367
rs115899229	G	-0.0424
rs1187802	A	0.0232
rs12082553	C	-0.0356
rs60623103	C	-0.0172
rs114765928	A	-0.0599
rs10494472	G	-0.0135
rs113907995	C	0.0586
rs72638823	A	0.0359
rs17120901	G	-0.0174
rs72681885	G	0.045
rs2149038	T	0.0114
rs11264633	C	0.027
rs150846737	A	0.1052
rs146313379	A	-0.0686
rs116102681	C	0.0638
rs2066405	A	0.0119
rs77043134	A	-0.0914
rs2222748	C	-0.014
rs78804608	A	-0.0583
rs35115189	C	0.0194
rs10159279	A	-0.0128
rs115593700	G	-0.069
rs1202578	T	0.0114
rs3818883	T	0.0373
rs75927768	T	0.062
rs1507288	T	0.0315
rs61785179	A	0.02
rs6685009	A	-0.0993
rs114562407	G	0.0646
rs2796432	T	0.0247
rs142479092	A	0.0441
rs797265	C	-0.014
rs112303425	A	-0.0628
rs73068228	G	0.0361
rs56376502	T	0.0539
rs112583952	G	-0.0921
rs116434634	A	0.0504
rs10902671	C	0.0248
rs56197205	G	-0.0299
rs12120495	T	0.0815
rs7537800	G	0.0417
rs4653745	C	-0.0114

rs116524141	G	0.0618
rs150453095	T	0.0618
rs753389	G	-0.0149
rs954785	G	-0.0142
rs145665100	G	0.0394
rs72659137	G	0.0649
rs12043872	T	-0.0317
rs112318463	A	-0.0787
rs115392052	G	0.0513
rs12034457	G	0.0402
rs72688938	G	0.0485
rs835662	C	0.0138
rs115540904	A	0.0685
rs112918746	T	0.0587
rs115951766	G	0.0471
rs77060188	T	-0.0319
rs4025956	T	-0.0125
rs61814772	A	0.0302
rs17681327	G	0.0418
rs10910890	C	-0.0194
rs685550	G	-0.0141
rs12024141	A	0.0226
rs41436349	G	-0.0127
rs12119503	C	0.0228
rs3818508	T	0.0201
rs150555777	T	-0.0539
rs72675071	T	0.0351
rs333949	C	-0.0133
rs61789115	A	-0.0305
rs111616349	A	0.0602
rs564043	C	0.0354
rs579995	G	-0.0191
rs149957719	G	-0.0421
rs114892569	G	-0.0759
rs116538608	G	0.0641
rs811485	A	-0.0564
rs12239946	C	-0.0199
rs12038300	A	-0.0198
rs78152260	G	-0.0278
rs116819020	T	-0.0858
rs12082204	A	0.013
rs6024	C	-0.022
rs77698002	T	0.0458
rs1811517	A	-0.0148
rs61819222	T	-0.0243
rs72735212	A	0.0154
rs2811937	G	-0.0119

rs320473	T	0.0116
rs12127642	G	-0.0469
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rs10495355	T	0.0147
rs17464829	T	0.04
rs114541088	G	0.0504
rs114104995	A	-0.0866
rs146956430	T	-0.09
rs76244802	G	-0.0726
rs1887816	T	-0.0114
rs11111366	A	-0.0108
rs10799058	A	0.0111
rs72678988	T	0.0667
rs111672099	A	-0.062
rs61834659	T	0.0163
rs10909831	T	0.0125
rs34569656	G	-0.0368
rs7512903	A	-0.0401
rs78519632	T	0.0601
rs73132422	T	-0.0276
rs338230	G	0.0105
rs76323858	A	-0.0277
rs3753558	G	-0.0162
rs12144416	C	-0.014
rs79057783	C	-0.0389
rs11800276	T	0.0263
rs307340	A	0.023
rs874613	A	0.016
rs10928015	G	0.0128
rs11576793	C	0.049
rs72664403	C	-0.0435
rs147767541	C	0.0527
rs78990331	A	-0.0593
rs11162715	C	0.0465
rs77953932	A	-0.0856
rs1776179	T	-0.0137
rs112674132	T	0.0485
rs55700160	T	-0.0631
rs61828285	A	0.0289
rs56117572	C	-0.0247
rs6701371	C	0.0106
rs76245232	C	0.0818
rs2209957	G	0.0136
rs140813840	A	0.0597
rs1808973	C	-0.0108
rs112034844	T	-0.0247
rs11162476	G	0.012

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rs4297354	G	0.0119
rs2802990	G	-0.0674
rs114451930	T	-0.0363
rs36049190	G	0.023
rs114969636	T	-0.0715
rs12127775	T	0.0477
rs75745024	T	-0.0708
rs12044583	T	0.0214
rs28649433	G	-0.0243
rs16852432	G	-0.055
rs78825349	C	-0.0394
rs2072659	G	-0.0228
rs12410485	C	0.0209
rs76724913	T	-0.0225
rs79697822	T	0.0394
rs146088956	G	0.0345
rs1925419	G	-0.0199
rs72672552	C	-0.0677
rs112478702	A	-0.0555
rs12563036	A	0.0266
rs77798075	A	-0.0774
rs113746622	A	-0.0267
rs35909914	A	-0.0311
rs12404797	T	0.0528
rs1538370	G	0.0147
rs140648031	G	-0.0733
rs79116364	G	0.0361
rs111248205	A	-0.0438
rs116594761	A	0.0327
rs4517378	A	0.0108
rs4648490	C	-0.0127
rs45512194	C	0.0246
rs4920514	A	-0.0285
rs523864	G	0.0146
rs115638831	T	-0.0643
rs115239068	A	0.0429
rs6664461	T	0.0111
rs7520329	A	0.0115
rs28540065	T	-0.0549
rs41327447	G	-0.0723
rs10442692	T	-0.0739
rs12751556	T	0.0496
rs16824603	G	-0.0274
rs10442674	A	0.0125
rs12027104	T	0.0264
rs41266011	T	0.0746

rs77945679	T	-0.0548
rs12119733	C	0.0423
rs77953182	A	0.0873
rs41268476	C	0.0319
rs144798766	A	-0.0283
rs35871579	A	-0.0183
rs12726358	T	0.0157
rs111962633	A	0.0341
rs34964610	A	0.0364
rs146924383	G	0.0846
rs2481669	A	0.0115
rs55724535	T	-0.0391
rs114868486	A	0.0526
rs147482072	A	-0.0679
rs114459202	T	0.0349
rs4648873	G	0.0124
rs75361747	T	0.0582
rs115315429	T	0.0482
rs116829517	G	0.0561
rs77409183	C	-0.0327
rs12118700	A	-0.0219
rs76563384	G	-0.0535
rs79681455	G	0.0867
rs58103028	T	-0.0359
rs147567103	T	0.0693
rs72705411	A	-0.0243
rs74049161	T	-0.0378
rs2235255	A	0.0178
rs306301	T	0.0203
rs116474332	A	-0.0543
rs3753190	G	-0.015
rs6702844	A	0.012
rs80240240	T	-0.0185
rs12132539	A	-0.016
rs115983000	G	-0.0655
rs1466520	A	0.0199
rs111959219	T	0.0412
rs11207703	C	0.0152
rs61778165	C	-0.0592
rs76390325	A	0.0798
rs1542703	G	0.0115
rs79357907	G	-0.0129
rs115610777	T	-0.0551
rs6587999	A	0.0113
rs75087110	G	0.0121
rs28757216	G	-0.0312
rs35343892	T	0.0315

rs4526588	G	-0.0114
rs6667041	C	0.0319
rs1542728	G	-0.0114
rs512589	A	0.0193
rs34014645	A	-0.0153
rs2391154	C	-0.0118
rs55840925	A	-0.0225
rs1570812	T	0.0601
rs34571850	T	-0.0246
rs11211537	G	0.0119
rs76044462	T	0.0443
rs14137	G	0.0111
rs80309618	T	-0.0454
rs76834158	T	0.0291
rs111729818	T	-0.0438
rs112901772	T	-0.0506
rs76902466	A	0.048
rs113993287	A	0.083
rs76102002	C	0.067
rs112733249	A	-0.0504
rs1176168	G	-0.0175
rs10927547	A	0.0122
rs1165485	A	0.0111
rs863002	T	0.0112
rs7516483	G	-0.0107
rs17534481	T	0.016
rs12048284	C	-0.0289
rs1007248	G	0.0118
rs12144183	T	-0.0116
rs74071914	A	-0.0699
rs4484960	T	-0.016
rs138609264	G	0.0197
rs7518015	G	-0.0188
rs9661447	C	0.0231
rs12069569	C	-0.0234
rs1411773	A	-0.0108
rs10914660	G	-0.0179
rs144889622	T	0.0368
rs41292993	C	0.0725
rs139784897	A	-0.0527
rs460489	C	-0.0164
rs10914466	T	-0.0148
rs7520666	T	0.0449
rs12119250	A	0.0224
rs141065056	C	0.0468
rs4657670	T	-0.013
rs55856911	G	-0.0156

rs1979171	C	-0.0114
rs4654523	T	-0.017
rs17187037	C	-0.0382
rs145752531	A	-0.0459
rs60999980	A	0.0198
rs72708833	A	-0.0279
rs823157	T	0.0172
rs149842241	C	0.0547
rs2340777	G	0.0136
rs4663105	C	0.1837
rs12617835	C	0.1264
rs10929006	A	0.1113
rs10929007	A	-0.1112
rs6743470	T	-0.1129
rs12052600	G	0.0869
rs10933431	G	-0.1025
rs858952	C	0.0834
rs6715234	G	0.2027
rs55636820	A	0.1359
rs13000695	A	0.1003
rs77434175	T	0.5253
rs55996099	A	-0.0814
rs10208858	A	-0.0638
rs12714315	G	0.0745
rs61208496	T	0.0916
rs6760748	C	0.0759
rs111729906	T	-0.1355
rs73942838	G	-0.118
rs34273705	G	0.2562
rs111779203	T	-0.2999
rs80279103	C	0.1369
rs1969256	A	-0.0629
rs6744142	G	0.0627
rs35349669	T	0.0663
rs222482	T	0.0627
rs4971708	T	0.0859
rs6719458	T	0.1196
rs78485485	C	0.1962
rs79472591	C	-0.2782
rs6722642	T	-0.0758
rs55993148	G	0.0893
rs17485056	G	0.0624
rs13404304	A	0.0661
rs13415138	T	-0.0673
rs72803319	G	0.2421
rs75141812	T	-0.07
rs11124077	C	-0.0597

rs73940343	G	0.1191
rs62183820	A	0.1658
rs10200743	C	0.0694
rs112077221	C	0.0916
rs2587660	C	0.066
rs145037602	G	-0.225
rs77808188	T	-0.3589
rs6720306	C	-0.0741
rs75764781	C	0.339
rs112333439	A	-0.5079
rs115545415	A	0.2336
rs493875	G	0.1203
rs1400944	A	-0.175
rs7607348	A	-0.0903
rs1866235	T	-0.0705
rs150124034	G	-0.2586
rs1705129	T	0.0822
rs12475176	A	-0.1894
rs76568407	T	0.2851
rs722268	C	0.0891
rs4954801	G	0.0926
rs7573439	C	0.194
rs4077467	A	0.12
rs11695516	A	0.07
rs10929639	C	-0.0694
rs72829766	T	0.1662
rs12992087	T	0.0833
rs72804374	A	0.1433
rs732076	A	0.0623
rs1126260	G	-0.0555
rs12469086	T	-0.0622
rs840580	C	-0.0566
rs7595930	A	-0.0562
rs141810856	G	0.354
rs12988570	T	0.0618
rs61180415	T	0.0894
rs13008763	T	0.0602
rs6726234	A	-0.2402
rs114947464	A	-0.1675
rs13017008	T	-0.0806
rs4671992	T	-0.0549
rs3770013	G	0.0721
rs111949393	C	-0.2437
rs12987039	A	0.0608
rs72838205	A	0.2602
rs4674638	A	-0.074
rs76900548	C	0.279

rs197277	T	-0.0598
rs3796078	T	0.0572
rs75620859	T	-0.0956
rs41457248	C	0.0811
rs13011184	G	0.2263
rs1250269	A	0.1835
rs116686133	A	0.2694
rs113517069	G	0.2801
rs11676185	T	0.056
rs6710142	A	-0.0622
rs113769663	T	-0.2771
rs12712299	G	0.0779
rs56126070	A	0.0698
rs4640402	C	-0.054
rs2419778	A	-0.0521
rs4664792	G	0.0544
rs72796734	T	-0.1279
rs34451302	T	-0.1181
rs1041938	T	0.1184
rs7591030	A	0.1682
rs67696936	T	0.0813
rs1153740	T	-0.0606
rs76507972	T	-0.0937
rs76222305	T	0.2161
rs3893927	C	0.0595
rs4444500	C	0.0551
rs11676043	T	0.0546
rs142640084	C	-0.2667
rs16858111	C	0.2795
rs12990047	G	0.0748
rs28638111	T	0.0818
rs6720535	G	0.088
rs6430068	A	0.0818
rs144170143	T	0.2103
rs77981966	T	-0.1043
rs11679901	T	0.2583
rs1919420	A	-0.0707
rs79092501	G	0.2741
rs71414747	T	0.1659
rs1922366	T	-0.0862
rs115918791	T	0.2202
rs1912185	T	0.0865
rs11683433	G	-0.215
rs12996871	G	0.0677
rs6542368	A	-0.0512
rs12622654	A	0.1189
rs2279015	A	0.0541

rs111445006	G	-0.0827
rs11686862	C	0.0725
rs73977671	A	0.1474
rs7577270	C	0.0695
rs1374724	G	0.1542
rs76377200	A	0.2306
rs60514756	C	0.1942
rs6434506	G	-0.0625
rs13383613	C	-0.0538
rs12464563	C	-0.0528
rs72954616	A	0.2457
rs7578892	C	-0.0518
rs74953884	T	-0.2436
rs114981209	G	0.1982
rs78787893	C	0.2254
rs7557618	T	-0.2294
rs395943	A	-0.0749
rs79144889	A	0.2768
rs111723110	T	-0.2331
rs2396006	T	0.1026
rs72841761	C	0.1457
rs138560302	A	-0.3001
rs72804469	T	-0.11
rs9288396	T	0.0616
rs6731095	G	0.0769
rs62127825	A	-0.055
rs16867366	C	0.2156
rs785245	A	-0.0885
rs2287521	A	0.1097
rs818159	G	-0.0639
rs907165	A	-0.0522
rs144230231	A	0.2674
rs6746368	T	-0.0531
rs111322052	G	-0.1418
rs699549	T	0.0656
rs7602285	G	0.0592
rs698844	G	0.058
rs7588230	C	0.0513
rs3210400	A	-0.0498
rs7600128	G	-0.1019
rs74883678	A	0.0709
rs415974	T	-0.1169
rs17653501	C	0.1426
rs112975202	C	0.2
rs12994639	G	-0.059
rs114737372	T	0.2769
rs56012184	C	0.1559

rs10171162	G	-0.0832
rs1985388	A	-0.0517
rs74878690	T	0.2158
rs2008597	A	0.3781
rs72823364	T	-0.1073
rs78715436	C	-0.357
rs116705505	G	0.2702
rs16865927	G	0.2504
rs6437200	G	0.0654
rs11694399	C	-0.067
rs10931831	T	0.0519
rs6738922	T	0.1218
rs7565215	C	0.1353
rs36143107	A	0.0753
rs116577770	A	-0.1437
rs76562260	T	-0.3039
rs17255781	C	-0.0917
rs4435421	T	0.0544
rs6546163	G	0.2504
rs6708346	A	-0.2082
rs6542573	T	0.0523
rs140059119	C	0.2513
rs61748243	T	0.2765
rs6759673	C	0.0808
rs116344507	A	-0.2666
rs75982380	C	-0.1657
rs148964011	A	0.2308
rs76026092	C	-0.1624
rs13031812	A	0.0516
rs145415357	G	-0.44
rs1251203	T	-0.1163
rs10445975	T	-0.0625
rs147609855	T	0.2003
rs151264015	C	0.1019
rs17530524	A	-0.2589
rs2044243	C	-0.0488
rs800961	G	0.1095
rs144665708	A	0.1441
rs3806537	A	-0.119
rs2193909	C	-0.074
rs62130610	C	0.1232
rs113777099	C	0.0874
rs35766238	A	0.155
rs35622580	A	0.0777
rs2117363	T	0.0719
rs151313142	T	-0.1745
rs80286877	T	0.2754

rs7578051	C	0.1808
rs78286207	C	-0.1223
rs17453235	C	0.0751
rs116587088	A	0.1567
rs58991966	G	-0.0662
rs78382024	A	-0.2299
rs1721782	T	0.0499
rs80022528	A	-0.1546
rs79195550	T	0.2512
rs1833350	T	-0.0591
rs2016394	A	-0.0492
rs4666834	A	-0.4518
rs34774407	T	-0.1286
rs12233173	A	0.0626
rs80350423	T	-0.102
rs71440693	A	0.1132
rs10931663	T	0.0631
rs62105523	T	0.353
rs4669297	T	0.207
rs115922134	G	-0.3157
rs114698458	G	0.101
rs62183773	T	0.0519
rs4854353	C	0.091
rs56284069	T	0.3738
rs55797133	T	0.4462
rs13032771	A	0.0524
rs72997884	T	0.1219
rs13020113	T	0.0602
rs12620362	C	0.0884
rs2670721	T	0.0697
rs11686726	G	0.1533
rs79453057	T	0.2426
rs12474602	A	0.1544
rs150824899	C	0.1519
rs115138585	T	0.2476
rs114921768	T	-0.3152
rs75186734	T	0.1811
rs13421854	G	-0.0957
rs74659343	G	-0.2037
rs17504635	T	0.0842
rs3952793	A	0.1053
rs72955491	G	-0.2459
rs72613753	G	0.1667
rs11126974	C	0.0545
rs80034716	T	0.2041
rs11689555	T	0.0909
rs112413942	C	0.3295

rs11677105	C	0.0475
rs12477275	T	-0.0573
rs9677441	C	-0.0705
rs116419041	T	0.3263
rs2727889	T	-0.06
rs919933	G	0.0638
rs79835683	T	0.1317
rs148101102	G	0.0835
rs77807748	A	0.1996
rs28657808	A	0.0898
rs6731165	T	-0.0493
rs11695978	T	0.0962
rs353129	C	-0.0522
rs144902780	C	0.3296
rs115567698	C	-0.1447
rs13394752	T	0.0772
rs150126153	T	0.2034
rs13386519	G	0.0908
rs34505188	A	-0.0896
rs140606214	C	-0.0806
rs113112754	C	0.2084
rs144343667	T	-0.0997
rs12476779	G	-0.0513
rs10189431	A	0.0802
rs4673382	A	-0.0498
rs35242609	A	-0.2276
rs112001467	T	0.0899
rs72879621	T	-0.1086
rs56836833	T	0.1839
rs62153500	T	0.0743
rs56353829	A	-0.0986
rs7596454	C	0.1983
rs142004230	C	0.1597
rs10202670	G	-0.073
rs4675701	C	0.0497
rs77078272	T	0.0702
rs2276575	C	0.0645
rs56390581	T	-0.1544
rs62153960	A	-0.1025
rs1513829	C	-0.0467
rs112312485	T	0.1406
rs115147035	T	0.3353
rs113311956	T	0.2184
rs75353785	T	0.0852
rs72876891	A	0.2187
rs72998586	A	-0.0462
rs66493939	C	-0.1276

rs111917100	T	0.1537
rs2310750	T	-0.0981
rs561264	G	0.0522
rs6728120	T	0.0491
rs3795958	G	-0.0596
rs74646958	A	-0.199
rs111729053	C	0.1786
rs6746364	T	-0.0508
rs28823392	G	-0.0502
rs6712315	T	0.0713
rs76841908	G	0.0756
rs72956628	G	-0.2475
rs12988399	T	0.0631
rs13021392	T	-0.0821
rs62193105	G	0.2277
rs12613780	G	-0.0966
rs78840502	C	0.2694
rs73096936	C	0.1644
rs6745843	T	0.0529
rs73007693	T	0.1944
rs78717848	T	0.1012
rs7589678	C	0.1556
rs10172082	T	0.0539
rs114020538	A	0.2557
rs62132991	G	-0.1501
rs7566627	T	0.0534
rs116377942	G	-0.3038
rs77376485	T	0.3823
rs56219224	G	0.2445
rs4668156	A	-0.0649
rs35307726	T	-0.0565
rs11897199	C	0.1408
rs1835161	C	0.2361
rs146161535	T	-0.2436
rs147089209	C	0.2797
rs4850614	G	0.0668
rs4667368	A	0.3063
rs76290635	C	0.1016
rs4513317	T	-0.0513
rs77775761	G	0.0962
rs113965812	A	-0.1529
rs79314712	G	-0.1245
rs2697806	C	0.0592
rs4972362	A	-0.056
rs17224360	C	-0.2674
rs114633179	T	0.1379
rs580448	G	0.0637

rs2084182	C	0.0475
rs116096146	T	0.3574
rs7593070	G	0.0495
rs6708738	A	0.0574
rs350764	T	-0.0475
rs2339975	G	-0.0464
rs28913020	G	0.0477
rs17267465	G	0.3
rs7608734	A	-0.0628
rs12464952	T	-0.055
rs77396974	A	-0.1318
rs10167496	T	-0.0556
rs149485490	T	-0.3295
rs6542889	T	-0.0469
rs116190837	T	0.1652
rs34165507	T	0.2118
rs115036255	C	-0.2936
rs11689437	G	0.0962
rs111675405	C	0.0734
rs72862208	C	0.1197
rs13017044	A	0.0556
rs79990317	C	-0.2417
rs56250958	G	-0.0844
rs73975771	A	0.1658
rs4500996	T	-0.0701
rs13004776	A	-0.069
rs15994	G	0.052
rs145058491	T	0.238
rs6732000	A	0.0469
rs17271442	C	0.2069
rs1528028	C	0.2315
rs76614509	A	0.2325
rs2887171	C	0.0565
rs340348	T	0.052
rs75718724	G	-0.2345
rs7568849	C	0.051
rs75041170	C	-0.0983
rs4973095	A	0.0629
rs6713633	C	0.0465
rs72772302	G	0.1728
rs4142761	T	0.075
rs150293354	G	-0.3194
rs78311736	C	-0.2741
rs28583740	C	0.055
rs12474530	A	0.0789
rs6430468	A	0.0459
rs867535	T	0.05

rs62152138	G	0.1148
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rs7576786	C	-0.0559
rs4583415	T	-0.0534
rs6435647	G	0.1948
rs35298928	C	0.1732
rs78898772	G	0.0813
rs12615806	T	0.0505
rs12618337	C	-0.0865
rs72799192	T	-0.0926
rs144483781	G	0.2892
rs13001547	C	0.0499
rs72861366	T	0.2466
rs10192722	T	-0.0511
rs149057293	C	-0.4176
rs116657655	C	-0.392
rs148486889	A	-0.2347
rs116082003	A	0.2394
rs41291177	G	-0.0661
rs1375341	T	0.0495
rs4907254	G	0.049
rs13401230	C	0.0923
rs113325442	T	0.2865
rs114911383	A	0.1543
rs76225308	A	-0.1024
rs720541	T	-0.0542
rs111378714	C	-0.0747
rs9287914	A	0.0538
rs1517487	C	-0.0456
rs115531956	C	0.2777
rs7355659	T	0.0498
rs72836550	A	-0.3068
rs77737892	A	0.2048
rs13389312	T	0.0882
rs77659592	G	0.0864
rs10184726	T	0.0996
rs6745114	C	0.0731
rs4241293	G	0.052
rs16845255	C	-0.1611
rs6643	C	-0.108
rs71415174	T	0.173
rs149004900	T	0.1503
rs10200528	A	0.0581
rs3806493	T	0.1548
rs144699438	T	-0.255
rs815807	G	0.0663
rs10194091	C	0.0619

rs79467488	G	0.0947
rs13004048	T	0.0691
rs6738800	A	-0.0747
rs55878132	G	-0.084
rs141476650	G	0.2394
rs3769044	G	0.0662
rs6708041	A	0.0499
rs11901548	A	0.317
rs113700137	C	0.0534
rs59701449	G	-0.096
rs113620481	A	-0.151
rs2302925	G	-0.0463
rs6414160	T	0.11
rs13427680	A	-0.0491
rs1530046	T	0.1415
rs75187430	A	-0.1048
rs747590	A	0.221
rs62150290	A	0.2539
rs13409209	A	-0.2419
rs76911842	G	0.2809
rs60952640	A	-0.2318
rs139471712	G	0.0611
rs1466935	C	0.1447
rs2160384	C	0.0457
rs1434146	A	0.0452
rs6754629	C	0.046
rs13402643	T	0.0504
rs62154115	A	-0.0474
rs62124871	T	0.1178
rs658602	A	-0.0437
rs13028801	A	0.134
rs7562869	G	0.0468
rs4672587	G	-0.0499
rs12328656	C	-0.0709
rs72892108	G	0.0956
rs111766340	T	0.2349
rs11693150	C	0.0444
rs3976244	C	0.0715
rs75454372	T	0.1
rs4349325	G	0.044
rs4359651	G	0.0516
rs41272659	A	-0.1756
rs72883838	T	0.0994
rs150583545	A	0.1449
rs6436525	A	-0.0586
rs6734104	A	0.1368
rs36100105	C	0.1434

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rs7579484	T	-0.0689
rs114003574	C	0.2396
rs11675535	A	-0.0795
rs13017953	T	0.0852
rs10932037	T	0.0767
rs12471215	A	0.093
rs145060496	G	0.1896
rs55779490	A	0.1983
rs4341950	C	0.065
rs55679014	G	-0.1611
rs116758986	G	0.1503
rs7593836	A	0.129
rs12713162	C	-0.0485
rs62175496	T	0.2504
rs17636359	C	-0.0661
rs7586812	G	0.057
rs56337508	T	0.0662
rs4503982	C	0.0472
rs115789906	G	0.2435
rs1397399	G	0.0731
rs12473883	T	0.0528
rs2693870	A	-0.0467
rs74863114	T	-0.2173
rs147699753	G	0.1174
rs74183412	G	0.1628
rs143165055	T	0.1214
rs72900975	A	0.0643
rs7598172	G	0.0444
rs72917826	A	0.1512
rs72973871	C	0.0892
rs4992637	G	0.0559
rs11897635	T	-0.1704
rs3923303	A	-0.076
rs10779947	A	0.0573
rs1986260	G	-0.1988
rs6714111	T	-0.0577
rs900369	A	0.0428
rs79296158	G	0.1147
rs1516920	G	0.0469
rs11684252	T	0.1842
rs34080071	T	0.0651
rs79257260	T	-0.1084
rs3754862	A	0.1837
rs7574514	G	0.0679
rs7584589	C	0.0695
rs11096709	G	-0.0869

rs12475850	T	-0.0431
rs4852074	G	-0.0557
rs4233618	T	0.0489
rs13426484	C	0.0485
rs146973928	A	0.1447
rs116299010	G	-0.1762
rs4854417	A	-0.0571
rs17439558	C	0.0648
rs12623181	G	0.044
rs12691817	G	-0.0573
rs676210	A	-0.0521
rs17505250	G	-0.0632
rs6756200	T	-0.046
rs10170322	C	-0.0619
rs74502059	G	0.1582
rs139439368	G	0.3183
rs75345231	T	0.2652
rs72853872	A	-0.1218
rs145463035	T	0.1996
rs116679348	C	-0.2923
rs6430847	A	0.0467
rs7346	A	-0.0574
rs10202005	T	0.1507
rs149757420	C	0.2751
rs10185030	A	-0.1663
rs116402250	C	-0.152
rs28382916	T	0.2788
rs4556941	G	-0.0786
rs116042562	G	0.2547
rs12477687	T	-0.0442
rs72880119	T	-0.079
rs74513263	C	0.2521
rs137982701	A	-0.2913
rs115113051	T	0.2888
rs13405698	C	0.0862
rs2011347	T	0.0446
rs62181239	A	0.3717
rs721250	C	-0.044
rs4663517	G	0.0474
rs56761675	G	0.0945
rs6719595	T	0.1023
rs7606446	A	-0.0562
rs4433965	G	-0.0533
rs705719	T	0.0829
rs115559499	T	0.1849
rs6431344	G	0.0711
rs72972259	C	0.0695

rs13402129	G	0.0863
rs146667026	C	-0.1141
rs10206445	T	0.0535
rs74330892	G	0.0908
rs113599644	A	-0.3148
rs62165193	T	0.0832
rs72985950	G	-0.1579
rs72901211	C	-0.0614
rs13382562	C	0.0741
rs6723495	T	0.0672
rs56822620	C	0.0715
rs140518065	G	0.3261
rs79503443	T	0.1434
rs13027920	G	-0.0656
rs71419571	T	0.0811
rs74477734	A	-0.1282
rs7425056	T	-0.0451
rs3919758	C	0.0499
rs10930303	G	-0.0582
rs10197384	G	0.1607
rs62157404	T	0.1297
rs2042492	A	0.049
rs67246458	A	-0.0583
rs1456520	C	0.1179
rs34884977	T	0.0761
rs1545230	A	0.2062
rs116330672	G	0.174
rs68136760	A	-0.0568
rs72945414	A	-0.0841
rs2373859	C	0.0461
rs7604239	G	0.0485
rs112832827	T	-0.2354
rs62148814	T	0.0666
rs67753410	T	0.1556
rs7557877	A	-0.0806
rs2371271	C	0.0452
rs116368066	C	-0.1857
rs58284297	G	0.0509
rs78847868	T	-0.0981
rs62136520	G	0.1495
rs111680616	A	0.186
rs73180648	G	0.1922
rs148684416	G	0.2126
rs519025	T	0.1302
rs75547264	T	0.1648
rs114222105	C	-0.1734
rs10445742	G	0.0448

rs7569000	C	-0.0566
rs4302168	T	0.2238
rs12998622	C	0.1506
rs112054958	C	0.0982
rs141151482	C	0.2388
rs11899350	A	-0.0542
rs7590204	A	-0.0448
rs7585571	G	-0.0421
rs1921808	A	-0.0814
rs73943180	A	0.2202
rs6738076	G	-0.0729
rs13019236	A	0.0548
rs930019	T	0.0459
rs56087245	G	0.1528
rs12464789	T	0.185
rs4666290	G	-0.1982
rs10185213	C	0.0499
rs10490049	G	0.1045
rs16840882	C	-0.1618
rs1213956	C	-0.0478
rs116130384	A	-0.2191
rs7584487	C	0.0423
rs72775213	G	0.0974
rs62135453	T	-0.0537
rs9679752	G	-0.0591
rs55989952	C	0.0468
rs12998088	T	0.0813
rs9646707	T	0.0686
rs17047480	C	-0.1799
rs71428140	C	0.1382
rs72879603	G	0.0982
rs11123269	A	0.0467
rs10496629	T	0.045
rs11679483	G	0.0556
rs268134	A	0.0482
rs147054593	C	-0.0536
rs16844079	C	-0.1069
rs112017087	A	0.0674
rs6543337	G	0.0549
rs150548543	T	0.1939
rs140768105	G	-0.2607
rs62189445	A	-0.0575
rs16842863	C	-0.0454
rs7576465	C	-0.1843
rs16834749	C	-0.3103
rs11679410	G	-0.047
rs77723031	C	-0.2555

rs115660178	T	0.0939
rs1562275	T	-0.0569
rs10211320	C	0.1278
rs114440250	A	0.2602
rs561525	C	-0.1551
rs138353274	C	0.1723
rs12471741	A	0.0475
rs62187831	A	0.1893
rs28507253	A	0.2103
rs17279532	T	-0.0532
rs7607618	C	0.0699
rs13397921	A	0.1449
rs62167763	G	0.1734
rs76172264	C	-0.1266
rs12478405	T	0.0477
rs12999658	A	0.1482
rs76241635	G	-0.1888
rs72786976	T	-0.1838
rs79988351	A	-0.1051
rs12464787	A	-0.0461
rs10205399	T	-0.0452
rs4952307	T	0.0462
rs28507739	G	0.3239
rs78118051	G	0.1747
rs78709244	A	-0.1647
rs72956283	A	0.0627
rs34442850	A	0.2302
rs7575752	T	0.0544
rs2079538	T	-0.0446
rs1001296	C	-0.0903
rs2543593	C	-0.0472
rs72896779	G	-0.084
rs2171795	A	-0.0428
rs55690448	T	0.1741
rs2971920	C	0.0446
rs2293079	T	-0.0637
rs7586437	C	-0.0486
rs114218165	C	-0.2333
rs13390631	A	-0.0997
rs113315982	T	-0.1885
rs13418466	T	-0.1374
rs10498148	A	0.2165
rs151141421	G	-0.3065
rs34903494	T	-0.0673
rs16837889	A	0.175
rs7584034	G	-0.0526
rs72957171	T	-0.1431

rs17048789	A	0.1138
rs79266538	C	0.1815
rs3789117	C	-0.0672
rs142078597	A	0.1392
rs11674490	A	-0.0764
rs115485820	A	0.147
rs1201451	T	-0.0478
rs72789113	A	-0.0462
rs7578356	C	0.1074
rs13018109	G	-0.0474
rs74598255	T	-0.0796
rs2113838	C	0.3158
rs9646808	C	-0.0604
rs2074834	A	-0.0451
rs79270856	A	0.1794
rs2091788	A	-0.0521
rs12474613	T	0.0471
rs2278884	T	0.0498
rs116038530	A	0.224
rs144404312	G	0.1485
rs13012186	T	0.059
rs13019978	C	-0.0508
rs141636047	A	0.3141
rs17509413	C	-0.0469
rs115802436	A	0.1103
rs10179912	C	-0.0579
rs78226938	A	0.1081
rs1430203	G	0.0434
rs112538822	C	0.1979
rs72793548	A	0.0619
rs4407186	C	-0.0614
rs11901716	A	0.0568
rs42836	A	0.0583
rs6707658	C	-0.0474
rs17398392	T	0.0838
rs17119859	T	0.1091
rs114375510	C	0.1007
rs77259433	C	-0.1467
rs113406649	C	-0.1069
rs75015369	T	0.4255
rs76585807	A	0.2783
rs6545832	T	0.0425
rs78530932	A	-0.2775
rs1979082	C	-0.0773
rs4300842	C	0.043
rs72828338	T	0.1687
rs76355564	T	-0.1448

rs6746142	A	0.0441
rs111954920	C	0.2133
rs72876449	T	-0.1071
rs7571891	T	0.1194
rs62181301	A	0.2452
rs114196169	A	-0.154
rs60529541	G	-0.1566
rs34796043	T	-0.0512
rs1025333	A	-0.1338
rs10195618	G	0.0714
rs10198461	C	0.0922
rs111532237	G	0.2157
rs56092011	C	0.2126
rs1396972	G	-0.0752
rs10179185	A	0.178
rs149817006	C	0.242
rs12471645	T	0.0712
rs55704707	A	0.0528
rs13420950	G	0.0583
rs6754686	G	-0.077
rs6709217	C	-0.3737
rs62116279	T	-0.0582
rs7559848	T	0.0468
rs72999530	A	0.0824
rs2058724	G	0.0444
rs7349333	T	-0.1688
rs116201957	C	-0.2108
rs28689194	C	-0.0496
rs7582595	G	0.0427
rs73194588	C	0.139
rs17315381	T	0.1404
rs12328437	T	-0.0756
rs1012078	G	-0.0765
rs13020247	A	-0.0432
rs139838282	G	0.2804
rs115937674	C	-0.342
rs9808547	C	-0.0455
rs79516834	G	0.2801
rs1878566	G	-0.0624
rs996684	G	-0.0467
rs6713340	C	-0.0646
rs143225607	A	0.2761
rs35207704	G	-0.0611
rs10192753	C	0.0982
rs116369872	G	-0.1452
rs6707935	G	-0.0427
rs75114790	G	-0.1616

rs58754091	G	0.0533
rs115530211	C	0.2968
rs10185721	T	-0.1698
rs75732384	G	-0.0965
rs144489350	A	-0.1756
rs75390308	A	-0.1082
rs78948883	T	0.1049
rs147265146	C	-0.25
rs114462241	A	-0.2345
rs6730126	A	0.2543
rs10201681	T	-0.0528
rs72872409	T	-0.0484
rs10176388	A	-0.2117
rs1529402	G	-0.0713
rs78632873	A	-0.2383
rs10170242	G	-0.0451
rs7579151	G	-0.0445
rs72771537	T	0.195
rs145392638	A	0.157
rs4853822	A	0.092
rs7562239	A	0.1275
rs114835036	T	0.1283
rs10175794	A	-0.056
rs10189857	G	0.0428
rs11677428	A	-0.0651
rs76283237	G	-0.2763
rs72885631	G	-0.0579
rs62177246	C	0.0656
rs145284115	T	0.103
rs113511512	T	0.1403
rs880505	G	0.0516
rs115549202	T	0.2347
rs77175200	G	0.2217
rs79121254	G	-0.1386
rs4952867	C	0.11
rs114206023	G	0.1662
rs13033349	A	-0.2472
rs13022762	C	0.2266
rs72769568	T	0.0783
rs144365140	T	-0.0498
rs62189273	A	-0.1681
rs897097	A	-0.044
rs6419610	A	-0.0421
rs17182117	A	0.167
rs12616150	A	0.0462
rs79094099	A	0.1412
rs114252098	G	0.1639

rs77296070	T	0.0969
rs1878973	G	0.0681
rs78232564	A	0.2106
rs75701028	C	-0.233
rs79421283	C	0.1465
rs4614940	C	0.0625
rs35883154	T	0.1654
rs72853127	T	-0.1751
rs778354	G	0.0491
rs13033616	A	0.0498
rs73968924	T	0.1518
rs4673933	G	-0.1326
rs35310085	C	0.0711
rs62127249	A	-0.1153
rs17257172	C	0.2413
rs114751994	C	0.2449
rs12465373	T	-0.049
rs142081036	C	-0.2206
rs1579599	G	-0.0432
rs72847709	C	-0.1048
rs74585562	T	0.1189
rs3109947	A	0.051
rs62170035	A	-0.239
rs1863671	C	0.0547
rs111492766	C	0.1255
rs4143116	A	-0.0504
rs6734302	G	0.0424
rs2741035	G	-0.0493
rs12617166	G	0.0509
rs12465574	G	0.1828
rs78462826	G	-0.11
rs1473101	G	0.0413
rs652923	C	0.0425
rs13390246	T	0.092
rs2674502	G	-0.0432
rs1072975	T	0.1664
rs17425473	C	-0.0463
rs62185189	C	0.0878
rs3213749	T	0.0937
rs74636295	G	0.1113
rs113990992	A	0.3744
rs113172947	G	-0.2204
rs75184749	T	0.1314
rs75322814	C	0.1131
rs115360631	A	0.1752
rs541921	C	0.1723
rs1430170	C	-0.0467

rs7603265	T	-0.0514
rs73914178	T	0.1099
rs2595221	T	-0.0578
rs77335316	C	0.0751
rs17723364	T	-0.1281
rs2626385	A	0.0484
rs72830492	A	-0.1339
rs6544952	T	0.0522
rs6726484	T	0.1347
rs7562072	T	-0.0637
rs12694255	T	0.0416
rs12476344	A	-0.0818
rs75166367	A	-0.1114
rs62186792	T	-0.3094
rs116398833	A	0.1689
rs1678155	A	0.0724
rs11887288	C	-0.0945
rs59316967	T	0.0416
rs139647410	A	0.2899
rs7564107	A	-0.0501
rs75035796	T	-0.2423
rs4953202	C	-0.0423
rs10174499	G	-0.1482
rs79655626	C	-0.0664
rs6730083	G	0.0664
rs6749843	C	-0.0444
rs79701540	G	-0.1579
rs11676307	G	0.2021
rs1453407	A	-0.0726
rs6431582	C	-0.0564
rs1995172	C	0.0417
rs17812739	A	0.1792
rs12994108	T	0.1733
rs72924768	G	0.2097
rs13029337	T	-0.0421
rs74965813	G	0.2398
rs3134646	G	0.0433
rs115628062	A	-0.1667
rs116660806	C	0.2134
rs1453162	A	-0.0522
rs17428634	G	0.1269
rs12104987	C	-0.0615
rs75147057	T	0.1076
rs7576377	A	0.1413
rs6750210	C	0.0541
rs9677835	G	0.0574
rs140171789	T	0.1636

rs6727328	T	0.0433
rs77207484	A	0.091
rs833775	G	-0.1644
rs6737430	A	0.0394
rs11554549	A	0.0968
rs55751114	A	0.0772
rs72785889	G	0.1961
rs10933426	T	-0.0452
rs13422798	C	-0.0933
rs36044396	C	0.2729
rs7588582	G	0.0433
rs13025486	G	-0.1184
rs3770336	G	-0.0415
rs111291912	A	0.2495
rs17471268	A	-0.17
rs6732140	A	0.1296
rs112844396	A	0.1289
rs146442573	T	-0.194
rs141470761	A	-0.1657
rs1426711	C	-0.0458
rs79261505	T	0.1171
rs77721642	G	-0.2013
rs75613258	A	-0.264
rs115561702	A	-0.1564
rs1318523	C	0.0558
rs145085075	G	-0.1069
rs72813103	T	0.1098
rs113625721	G	-0.145
rs6576989	C	0.0728
rs10172461	C	0.0423
rs16855489	T	-0.0519
rs139382469	G	-0.2961
rs79931442	A	0.1554
rs34569325	T	-0.0641
rs145899809	T	-0.2719
rs17009506	G	0.0908
rs1901836	T	0.1416
rs77503460	A	-0.1017
rs1448829	C	0.0423
rs116386037	A	-0.2131
rs71414861	A	0.09
rs56368231	A	0.0792
rs116836909	C	-0.243
rs72617176	A	0.0907
rs34870009	C	0.2511
rs10182077	T	0.2432
rs10169891	A	-0.0398

rs112550224	A	0.3006
rs78875968	G	0.2693
rs2011896	G	0.0572
rs12472922	G	-0.0937
rs80135602	T	0.1965
rs143315623	T	-0.3006
rs11126785	C	0.0415
rs12612324	A	-0.0674
rs76033073	C	0.0713
rs13421997	A	0.0481
rs62150782	T	0.1051
rs74684089	T	0.0604
rs150328518	T	0.198
rs149306552	T	-0.3337
rs114113867	G	0.1805
rs76300941	G	0.1579
rs149408336	T	0.1457
rs115846581	A	-0.0875
rs75761779	G	0.1593
rs2305485	C	-0.054
rs115801322	A	-0.1748
rs7608304	T	-0.0577
rs7585754	G	0.3556
rs7608940	G	0.0603
rs4952098	G	-0.0569
rs139571885	G	-0.1823
rs13015046	A	0.0739
rs1647769	G	-0.0988
rs71420970	C	0.1268
rs62124021	A	0.1562
rs12619755	A	0.0527
rs10451638	C	-0.0599
rs138818016	T	-0.2132
rs113288858	T	-0.088
rs62139573	T	0.1707
rs17011828	C	0.1764
rs10167810	C	-0.0426
rs150212157	A	-0.0721
rs72848643	G	0.1985
rs146230851	G	0.1153
rs114139318	T	-0.2606
rs6434842	T	0.0908
rs810148	A	0.0589
rs76910834	A	0.2045
rs7608611	G	-0.0401
rs10201022	C	0.1425
rs6546896	T	0.0432

rs114808334	C	0.2015
rs3754669	T	0.0586
rs117485139	G	0.1916
rs13404352	T	0.2855
rs62184962	C	0.063
rs79315867	A	-0.2899
rs115406455	G	0.2544
rs114054940	G	0.1303
rs10166358	A	0.0616
rs115317416	G	-0.1489
rs74390086	C	0.1079
rs115511239	T	0.1534
rs7558381	T	-0.0423
rs140248604	T	0.228
rs17031287	T	0.0662
rs7581802	C	-0.0478
rs17428209	A	0.1686
rs7582778	A	0.0631
rs41309096	A	-0.0517
rs144830609	T	-0.3087
rs62131721	T	-0.0564
rs6744754	C	-0.0448
rs116393758	C	0.1034
rs6760406	T	-0.0488
rs75307648	G	-0.2482
rs139146617	G	0.3336
rs312047	A	0.1277
rs151233325	A	-0.113
rs3889200	C	-0.0393
rs10171979	C	0.044
rs17042362	G	0.0516
rs114674388	C	0.4707
rs55863731	A	0.0787
rs900436	T	-0.0726
rs7568613	C	0.0586
rs11679676	T	0.0546
rs924209	T	-0.0616
rs6755777	T	0.0421
rs111335054	C	0.2301
rs1498807	T	0.0516
rs74781316	G	-0.179
rs62172408	T	-0.0702
rs144632411	G	0.2313
rs72813866	A	0.0867
rs16866877	G	0.0633
rs6712163	C	-0.04
rs920249	A	0.0645

rs1667034	C	0.0564
rs4674214	T	0.0875
rs115426074	A	-0.1774
rs147030877	A	0.1748
rs778366	A	0.1154
rs73017057	A	0.055
rs77810740	T	-0.0861
rs55921336	C	0.2468
rs11894682	G	0.1532
rs71413428	A	0.1499
rs62133200	A	0.0539
rs11675932	G	0.2417
rs72940476	G	0.0637
rs10490422	T	0.1651
rs71412001	T	0.1295
rs72922934	A	0.0881
rs115972949	T	0.1479
rs12477354	T	-0.0403
rs12475734	G	-0.1521
rs13002706	A	-0.051
rs1358696	G	-0.0716
rs62167943	T	-0.0488
rs115242081	G	-0.2144
rs61746487	G	0.1028
rs73164226	T	-0.1187
rs1374126	T	0.0813
rs7591518	C	-0.0434
rs28576623	C	-0.2283
rs10210630	T	0.0486
rs114145365	G	0.2223
rs115111187	T	0.1337
rs35124821	G	-0.1293
rs144444624	A	-0.1728
rs11889798	T	0.0831
rs56186131	A	-0.0386
rs7588717	G	0.0729
rs147491334	T	0.1174
rs7593289	T	-0.0442
rs1358283	G	0.053
rs73989605	A	-0.1366
rs114909269	G	-0.2244
rs4851794	C	0.0438
rs57344108	A	0.0496
rs35548551	T	0.0684
rs28363004	G	0.1636
rs112505882	A	0.0847
rs13019171	T	0.0985

rs72815287	A	0.0618
rs56251904	A	-0.2786
rs142301257	T	0.1745
rs113602890	T	0.295
rs17008658	A	0.1309
rs13422275	T	-0.0437
rs13031049	A	0.0404
rs6435735	C	-0.0404
rs3769411	G	-0.0408
rs77558957	G	0.0623
rs143173314	T	0.244
rs72974350	A	-0.1097
rs4852090	A	-0.0488
rs7569837	C	-0.0476
rs11680705	A	0.1488
rs79082192	C	-0.3013
rs79527490	T	-0.0627
rs55797113	T	0.0597
rs114228699	T	0.2063
rs2674225	C	-0.0502
rs75225657	C	-0.2429
rs76547514	G	0.2148
rs1343822	T	0.042
rs116378534	C	0.2092
rs7599724	G	0.0509
rs72777248	G	0.2344
rs2130117	T	-0.0559
rs72828257	T	0.1225
rs13009806	A	-0.0464
rs11124221	A	0.1213
rs3789727	A	0.0495
rs138139274	T	-0.2308
rs17619943	G	0.0833
rs3769883	T	-0.0545
rs10184985	C	0.0403
rs75779721	C	-0.1419
rs2551914	A	-0.0515
rs7559813	T	-0.0453
rs67128474	G	-0.062
rs79008625	T	-0.1277
rs16830825	A	0.1494
rs1914656	T	-0.0669
rs77917627	A	0.1958
rs80288557	G	0.2457
rs12472895	C	0.1013
rs57016298	G	0.2424
rs1861268	A	-0.109

rs4605416	T	0.0604
rs116790355	T	0.2223
rs1530558	C	0.0686
rs114773244	A	0.1933
rs41280609	T	-0.1354
rs72802808	G	0.1372
rs72989555	A	-0.048
rs140500963	C	0.242
rs2953163	T	0.0899
rs28712487	G	0.0655
rs114523260	A	-0.1296
rs2111077	G	0.0585
rs4629179	G	-0.042
rs11690791	C	-0.0395
rs77111364	A	-0.2759
rs115376840	C	-0.1845
rs10210490	C	0.0956
rs62178664	T	0.0795
rs113154588	C	0.1367
rs745109	A	-0.0821
rs4853119	C	0.046
rs147764287	C	-0.119
rs113660456	C	0.15
rs7562901	G	0.0513
rs142672852	G	-0.1293
rs3100724	G	0.0393
rs7594377	C	-0.0599
rs115236939	A	0.1246
rs11688000	G	-0.0405
rs144769245	G	0.2138
rs72994110	T	0.1414
rs73230484	C	-0.1902
rs148619574	A	-0.1524
rs76417110	T	-0.2446
rs17753758	C	-0.0941
rs1346747	A	-0.0484
rs12052840	C	0.1873
rs2713247	A	-0.1266
rs2241680	T	-0.0813
rs115341221	T	-0.2418
rs12995017	T	0.0605
rs142762371	T	-0.1617
rs17199494	T	0.1475
rs11695604	C	-0.1076
rs28449400	A	0.2162
rs1085204	G	-0.0644
rs76345052	G	-0.0985

rs35086610	T	0.0636
rs147934358	G	0.2327
rs17563966	T	-0.0423
rs111640871	T	0.2124
rs17418633	C	0.0877
rs35610308	G	-0.0488
rs984903	A	-0.0558
rs79856406	G	0.0853
rs72821549	C	-0.0691
rs62166602	G	0.064
rs139981827	T	-0.2114
rs1433203	C	0.052
rs4401164	A	-0.0781
rs116478736	G	0.1708
rs3845732	T	-0.0509
rs1595742	T	0.0691
rs142712798	A	-0.1655
rs17015156	A	-0.0581
rs10865404	T	-0.0418
rs11466209	C	-0.4211
rs2193921	C	0.0583
rs11885271	T	-0.0389
rs142182199	T	-0.0734
rs1526902	A	-0.0797
rs677746	A	0.0649
rs75689244	T	-0.1263
rs111945524	T	0.1343
rs10490014	G	0.0535
rs76164379	T	-0.0687
rs10180522	C	-0.0417
rs6731425	G	0.0455
rs3791476	T	0.073
rs62193226	G	0.0762
rs72879560	T	0.1675
rs7576601	A	0.1697
rs114704749	G	0.1135
rs1968295	T	-0.0512
rs72917083	G	0.1038
rs733810	G	0.0926
rs72900713	C	-0.0443
rs7565667	C	0.0427
rs10200317	T	0.0445
rs143690036	C	-0.1814
rs6743478	G	-0.1052
rs114699226	G	0.2447
rs138425548	T	-0.1592
rs4849696	T	-0.0622

rs113822397	G	0.2697
rs113509703	T	0.1752
rs7596513	C	-0.0392
rs72783477	G	-0.0556
rs3771047	G	0.0685
rs143627674	A	-0.2783
rs55770142	A	0.1386
rs11883557	G	0.0445
rs116263038	A	-0.1775
rs77721472	G	0.0934
rs34009797	T	-0.2934
rs7569163	G	0.0414
rs34638626	G	-0.0846
rs7559899	T	-0.174
rs12052377	T	0.2542
rs79408952	T	-0.1534
rs77617793	C	-0.1267
rs11687309	C	0.0449
rs1530537	G	-0.0387
rs10211083	C	0.0434
rs7423356	G	0.0865
rs11685252	A	-0.0683
rs188856	T	0.0432
rs74942677	G	0.0467
rs13002771	G	0.0451
rs12694055	T	-0.0472
rs116321783	C	0.2458
rs10189159	C	0.0387
rs79846007	A	0.1921
rs17036137	G	-0.0783
rs10166990	A	0.1053
rs13015861	A	-0.113
rs58133589	T	0.1972
rs77569809	T	0.2059
rs17807135	C	0.0664
rs6735305	T	-0.0468
rs78623817	G	0.2315
rs4850432	A	-0.0518
rs144118728	T	0.1647
rs6750525	C	0.0501
rs11899758	A	0.163
rs12475974	G	0.045
rs61742338	A	0.1382
rs11897280	C	-0.069
rs114750858	C	0.3545
rs11124306	G	-0.0398
rs77842551	C	-0.1368

rs71423678	C	-0.0962
rs13401901	G	0.0379
rs62178008	T	-0.1611
rs13022963	T	0.2383
rs11684436	G	-0.0932
rs115670465	C	0.1346
rs2365310	C	0.0546
rs11899846	C	0.0525
rs115089923	A	0.1759
rs7572685	T	0.072
rs116330637	T	0.1932
rs56253077	C	-0.0374
rs77331883	C	-0.2324
rs115597560	T	-0.1399
rs149975435	G	-0.1666
rs112631126	A	0.2103
rs1518284	A	0.0405
rs72775645	A	0.1205
rs975330	C	0.1508
rs13019414	C	0.0381
rs6754090	G	0.0868
rs79960757	A	-0.1162
rs6544694	A	0.1205
rs6744829	C	-0.0603
rs112250266	T	-0.1361
rs2407007	T	0.1019
rs77048485	T	-0.1185
rs7599180	A	0.0383
rs2276635	C	-0.0673
rs60002412	A	0.0795
rs79890910	T	-0.1132
rs72890654	A	-0.0921
rs114417823	C	0.1219
rs2677468	A	0.0384
rs116601444	A	0.1834
rs10496356	G	-0.0694
rs4669941	T	-0.0588
rs872277	T	0.1069
rs207825	G	-0.0432
rs4283428	C	-0.0515
rs7567326	G	0.0404
rs76483652	T	0.0822
rs79519922	T	0.1511
rs115848945	T	0.1808
rs112716584	A	0.2089
rs310784	T	-0.1445
rs6750710	C	0.1918

rs35764799	C	0.155
rs72767364	A	0.0924
rs17036089	T	0.1498
rs10167291	A	-0.1057
rs17420138	T	0.0853
rs62178913	G	0.1353
rs2878043	T	0.0371
rs356991	T	-0.0422
rs114384560	T	-0.1214
rs62131214	A	-0.1689
rs2056716	A	0.0455
rs10929076	G	-0.04
rs78213050	C	0.1587
rs55775331	T	-0.1818
rs6715771	C	-0.0523
rs74511722	A	-0.1328
rs72899454	A	0.0747
rs12692411	G	0.0397
rs6732227	C	0.1108
rs62185371	A	-0.1315
rs4673101	G	-0.0398
rs72808082	T	0.2093
rs35589443	C	0.3319
rs3955308	T	0.1041
rs11695196	A	0.0983
rs116750727	C	0.303
rs1859707	A	-0.0378
rs116531303	C	-0.1201
rs13028883	G	-0.0372
rs137942246	G	0.2027
rs149536028	T	0.1023
rs62142615	C	0.1226
rs115222096	A	0.1977
rs1972313	G	-0.0386
rs7573787	T	0.039
rs11902648	T	0.0378
rs79769012	G	-0.1501
rs6542346	A	-0.0392
rs114054520	A	0.1912
rs77212015	T	0.2877
rs6715941	C	0.0637
rs13414166	T	0.0406
rs78253098	A	0.0728
rs12694773	C	0.0449
rs72941847	C	0.0753
rs4270393	A	0.0855
rs114612855	C	-0.3003

rs13015200	C	0.0663
rs75284693	T	0.1941
rs115290120	A	0.1849
rs143871337	G	0.233
rs116820932	C	0.1117
rs72820069	T	-0.1235
rs13015088	A	0.0954
rs10168838	T	-0.1503
rs115434757	T	0.1502
rs67114804	G	-0.0691
rs1837188	C	-0.043
rs147187373	G	-0.2541
rs12151448	A	0.0416
rs115295484	A	-0.0731
rs3769450	G	-0.0386
rs115564204	G	0.1224
rs4832471	C	-0.0439
rs41270225	G	0.1129
rs113874964	T	-0.0583
rs60607850	C	-0.0728
rs6712203	T	-0.0401
rs16867120	A	0.0954
rs72969231	C	0.0598
rs352873	A	0.0617
rs75323655	A	0.4115
rs62107413	C	0.1463
rs6432366	G	0.0388
rs150692729	C	-0.2215
rs79037643	T	-0.0593
rs1902049	A	0.0448
rs2160187	A	0.0966
rs10195662	T	-0.0453
rs317304	T	-0.0856
rs35537724	A	0.0404
rs12712263	A	0.0425
rs12997025	T	0.0431
rs72958692	A	-0.1377
rs4676278	A	-0.0386
rs10185201	A	-0.0479
rs16860683	A	-0.1698
rs1728147	A	0.0461
rs11687036	A	-0.0366
rs72999539	T	-0.0486
rs145324063	A	0.1879
rs78398516	C	-0.0777
rs142981046	T	-0.2674
rs2359961	A	0.0388

rs11686250	G	-0.0407
rs78983129	T	0.1354
rs1124649	A	-0.0395
rs72871104	G	0.0976
rs6728759	A	0.0413
rs78998918	T	-0.1145
rs4303668	G	-0.0621
rs2711288	A	-0.0373
rs62178223	A	-0.0829
rs114984909	T	-0.233
rs138159891	G	-0.1542
rs6714741	C	0.0398
rs78469867	C	0.1981
rs10187486	C	-0.0423
rs197089	G	0.1947
rs7559210	G	0.1205
rs115772949	G	-0.1235
rs10497052	A	-0.0563
rs3849361	C	-0.1537
rs58183473	C	-0.0766
rs7565716	G	-0.0368
rs79055742	A	-0.0528
rs75986646	T	-0.1015
rs6730025	G	0.0409
rs13431263	G	-0.0589
rs7582977	C	0.0703
rs74473662	G	0.1866
rs142152048	C	-0.1362
rs703323	A	-0.0627
rs622593	A	-0.0857
rs35183691	A	0.1108
rs67890423	G	0.1351
rs142428532	T	-0.2129
rs16844058	G	0.1766
rs16858543	A	-0.0471
rs11124067	G	-0.0483
rs73013902	T	-0.2487
rs7564084	A	0.0932
rs7576817	C	-0.0455
rs71541914	A	-0.2456
rs4538213	A	-0.0497
rs12470531	G	-0.1578
rs138068770	G	-0.1764
rs17712682	A	0.0392
rs113535547	A	-0.0659
rs2083246	A	0.0439
rs76197763	G	0.1089

rs34590157	A	0.1336
rs10048706	G	0.0383
rs72808507	T	-0.105
rs146235201	C	0.1522
rs113007212	T	0.0702
rs145259153	T	-0.2163
rs112732388	G	-0.1373
rs79188536	T	0.0809
rs67337720	T	0.1085
rs2218027	T	0.0408
rs75667392	C	-0.1228
rs12617536	T	-0.0375
rs3980420	C	0.0805
rs148197886	A	0.2562
rs138405014	A	-0.2345
rs1478643	A	-0.1381
rs9753098	C	-0.052
rs60661952	C	-0.1426
rs10204749	G	0.0528
rs11675486	C	0.0516
rs116775843	C	0.2191
rs13421030	T	-0.0447
rs896498	A	0.0784
rs112411073	C	0.2762
rs6751399	T	0.1736
rs62163295	T	0.086
rs10182692	T	-0.0997
rs77774701	C	0.1347
rs10206394	A	-0.2295
rs59730423	G	-0.1372
rs11122946	T	0.2238
rs7558696	T	0.0557
rs727477	G	0.0407
rs76088173	T	0.0898
rs1993102	C	0.0757
rs13423805	T	-0.0456
rs11684126	C	0.2039
rs16847056	C	0.1709
rs115391763	T	0.1794
rs78025623	C	0.1975
rs112890651	T	0.2637
rs74269109	A	0.1431
rs4666478	G	-0.2132
rs4438439	A	0.0369
rs4952110	C	0.0382
rs62189676	T	0.2056
rs78153994	C	-0.1626

rs62162010	C	0.124
rs7425810	G	-0.0394
rs57871280	T	0.0488
rs115340198	G	-0.254
rs75097001	T	0.2308
rs56214637	A	-0.0727
rs79747818	T	-0.1789
rs56274225	T	0.1837
rs138374561	A	0.111
rs76498954	C	-0.2303
rs114525017	A	0.1515
rs114444970	G	0.2128
rs11681014	A	0.0387
rs116419863	T	0.1472
rs72851822	G	-0.1719
rs35945199	T	0.2433
rs4952492	C	0.0559
rs1486188	A	0.0543
rs61733547	A	0.1039
rs112901563	C	0.2139
rs60180892	C	0.2121
rs7600462	T	0.0788
rs78263208	A	0.1669
rs10427302	A	0.0762
rs56369521	T	-0.0385
rs112588445	G	-0.0388
rs112188040	T	0.2254
rs17630293	G	-0.0879
rs2166475	C	0.0429
rs6734058	G	0.0411
rs3940585	T	0.1817
rs3791659	G	0.1091
rs146984411	G	-0.1307
rs116757529	A	0.1051
rs2194795	G	-0.0377
rs80197951	C	-0.2504
rs62196189	C	0.1307
rs142472324	T	0.1636
rs13388143	C	0.2659
rs74338595	C	-0.0404
rs6735189	A	0.1396
rs9752126	T	-0.0493
rs11890344	A	0.0648
rs17010698	T	0.0595
rs116362362	C	0.1449
rs12463904	T	0.102
rs72814366	G	0.1835

rs17495366	C	-0.0418
rs1368048	C	0.0424
rs72917769	T	0.1178
rs144507376	C	-0.1265
rs10191680	A	-0.0474
rs17035565	G	-0.0699
rs55997245	G	0.1378
rs150009019	A	0.2744
rs45560933	T	-0.1678
rs79253368	C	-0.0943
rs10865099	T	0.0383
rs7580749	A	-0.0376
rs72920373	A	0.1095
rs6751077	C	0.0369
rs315920	T	-0.0475
rs138276906	C	0.2507
rs78203360	C	-0.1092
rs12999923	A	0.0366
rs17028957	A	-0.0769
rs59968229	T	-0.0599
rs1424977	G	-0.0546
rs300768	T	0.0546
rs77569859	C	-0.0913
rs35784054	A	-0.1202
rs1976127	A	0.0397
rs4670256	A	-0.0573
rs72840133	C	0.2203
rs55736270	T	0.1623
rs145463604	A	-0.2287
rs877739	C	-0.1685
rs7578712	A	0.0394
rs116297596	G	-0.2829
rs62120043	T	0.0665
rs72976586	G	0.127
rs4667575	C	0.0379
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rs72944931	G	0.1974
rs7578390	G	0.0382
rs142968225	C	0.2113
rs16860922	C	0.2676
rs11680994	G	-0.0475
rs3755227	C	-0.0574
rs10196138	G	0.0441
rs10209921	G	0.0642
rs6745864	T	0.0529
rs7578467	T	-0.0418
rs35794292	G	0.0693

rs116769299	T	-0.1067
rs12464873	C	0.0632
rs62176345	C	-0.0476
rs17320082	A	0.162
rs16854662	A	0.074
rs11888178	G	0.1528
rs143008397	C	0.1655
rs3106078	G	-0.0389
rs2005507	T	0.0396
rs59528203	A	0.1107
rs6753575	G	0.168
rs10930522	A	0.0857
rs4668061	A	0.0846
rs11673837	G	0.0367
rs1961360	G	0.0475
rs1871230	T	-0.0366
rs78183773	T	-0.2738
rs9710693	T	-0.043
rs60208270	T	0.1717
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rs77195785	C	0.1136
rs56307673	G	-0.2282
rs80314069	C	-0.1881
rs59873377	A	0.2588
rs35840262	T	0.0426
rs77447960	C	-0.1134
rs1275986	C	0.0372
rs600020	G	0.0376
rs1005213	G	0.0407
rs4663110	T	0.0384
rs80210826	C	0.1229
rs6754240	A	0.0426
rs78955270	C	-0.246
rs17862831	A	-0.0673
rs1906037	A	0.0602
rs10165324	A	-0.0637
rs73921185	G	-0.0875
rs114454786	A	-0.181
rs115231975	G	-0.1616
rs16864968	G	0.1296
rs2610698	C	-0.3243
rs77951679	C	-0.2678
rs2176185	T	-0.0526
rs112534266	A	-0.2355
rs114192589	A	-0.1849
rs58149954	T	0.0864

rs1543082	A	-0.047
rs6737595	A	0.1137
rs61756871	C	0.0991
rs11690809	T	0.0707
rs62151594	A	0.0794
rs10182789	G	-0.0708
rs11123411	A	-0.0367
rs6753472	T	-0.0544
rs17033164	A	0.0976
rs1882162	T	-0.1089
rs11466249	T	0.105
rs56220105	C	0.0549
rs6758725	C	0.0476
rs116207709	C	0.1516
rs62148831	C	0.1845
rs79041516	T	0.248
rs149235906	T	0.2062
rs10201021	T	-0.1913
rs13397603	T	-0.0923
rs16855305	T	-0.0364
rs78460580	G	-0.122
rs1013940	G	0.0668
rs114714303	A	0.1655
rs2371967	C	0.1951
rs146156614	G	0.2697
rs2216925	C	0.0379
rs7581350	T	-0.1962
rs72914638	C	-0.1488
rs17033398	C	0.0524
rs114057403	T	0.1394
rs17016951	T	-0.1403
rs830958	G	-0.0635
rs11681679	C	-0.0382
rs138239740	T	0.2402
rs10929808	G	0.0546
rs12616956	A	0.0583
rs605588	G	0.0456
rs4952441	G	0.044
rs113376667	A	0.158
rs61152410	A	0.0484
rs12713850	G	-0.0384
rs114595862	C	0.1351
rs74598386	A	0.1162
rs2437892	C	0.0391
rs6743888	C	-0.0387
rs76808502	C	0.1654
rs74611748	G	0.1915

rs138795397	A	0.1569
rs7606354	G	0.0423
rs117260282	T	-0.1834
rs7424822	G	-0.0656
rs75926279	C	-0.0922
rs11688394	A	0.0711
rs2075117	G	-0.0521
rs6715260	G	0.0443
rs62131079	T	0.1308
rs111633532	A	0.1578
rs114540452	G	-0.1248
rs895506	G	-0.0388
rs1503232	A	-0.0405
rs11674855	T	-0.0651
rs74343567	A	-0.2484
rs6754001	G	0.053
rs79840079	C	-0.1084
rs139899816	C	-0.1613
rs1940266	C	-0.0423
rs7578545	G	0.037
rs11677901	A	0.0942
rs77334397	A	0.1917
rs2697996	G	-0.0375
rs75536586	A	0.1142
rs34895457	T	0.1174
rs79882146	A	-0.1858
rs2053901	T	-0.0396
rs6543374	G	-0.0372
rs149439436	A	0.2133
rs1002353	C	0.0471
rs10929834	C	0.0487
rs79517470	A	0.0782
rs114100829	C	0.066
rs10210665	C	0.0993
rs61764797	C	-0.1683
rs76612184	G	0.2631
rs35870159	C	0.0484
rs148418000	T	0.1516
rs77091857	A	0.3046
rs150477745	G	0.1832
rs114075818	A	-0.1322
rs4643526	A	0.0466
rs115950722	A	-0.148
rs1406576	T	-0.0377
rs114690225	C	-0.084
rs41305590	G	0.2221
rs3096735	G	-0.0378

rs74317667	G	-0.1236
rs79649083	A	-0.1248
rs115745193	C	0.1774
rs144704610	C	-0.3234
rs114537394	T	-0.1306
rs114134737	G	0.1613
rs7567991	C	-0.0368
rs13401312	C	-0.0746
rs72961106	G	0.0806
rs1829267	A	-0.1193
rs10432499	G	0.0462
rs10930427	A	0.0402
rs13389482	T	0.1169
rs77013318	G	0.1341
rs10432447	C	0.0478
rs142084763	T	-0.0886
rs79555884	G	-0.144
rs1035583	G	0.0373
rs76810663	A	-0.2839
rs55828414	T	-0.1413
rs12474879	G	-0.0454
rs74898419	C	0.1231
rs13023729	A	0.0904
rs10176710	A	0.057
rs2049026	A	0.0399
rs78761467	A	-0.137
rs7588701	C	0.0481
rs35163601	C	0.0837
rs4353640	A	0.0523
rs140067958	C	0.1324
rs74610151	G	-0.1016
rs72993088	C	-0.0373
rs111799220	C	0.1022
rs7578870	C	0.0899
rs4675495	G	0.0371
rs11692858	T	-0.1011
rs993588	G	0.0555
rs2380709	T	0.0665
rs10205301	C	0.1184
rs72790953	C	0.2804
rs139799009	C	0.1215
rs80051420	A	0.2584
rs145584015	A	0.275
rs731003	A	0.2891
rs62165731	T	0.1287
rs35927779	T	0.1914
rs16823156	A	0.2609

rs11891119	A	0.2063
rs114497851	A	-0.1275
rs34487239	A	0.1244
rs59552259	C	-0.1699
rs77121599	G	0.2355
rs116221011	T	0.1412
rs13401462	C	-0.0364
rs11123953	C	0.1144
rs72617002	C	0.1228
rs28417756	C	0.1249
rs115000653	T	-0.1436
rs149442214	G	-0.2909
rs10929714	T	0.0376
rs6748341	G	0.0386
rs340727	T	0.0543
rs1869795	T	0.1213
rs11679150	G	0.0445
rs7560149	A	-0.036
rs34715806	A	-0.0843
rs72830025	A	0.0375
rs75842337	C	-0.0793
rs828701	C	0.0362
rs6436689	T	0.0481
rs144370600	C	0.2052
rs74850033	C	-0.0698
rs1447496	C	-0.0537
rs114295720	T	-0.1587
rs115814806	C	0.2
rs139069444	G	0.0978
rs71411525	G	0.0569
rs13382244	G	0.0613
rs13409029	A	0.0972
rs67417731	A	-0.0696
rs145483551	C	0.1205
rs1343845	T	0.0361
rs11681714	G	0.0484
rs11691585	G	0.0487
rs56393552	T	0.2681
rs13432072	T	0.1332
rs4973535	T	-0.0622
rs4674994	G	0.0395
rs75932133	C	0.0402
rs3099942	C	-0.0404
rs62153392	A	0.0627
rs149471676	T	-0.2191
rs1400726	T	-0.1911
rs6719028	T	0.0436

rs56145937	G	-0.0421
rs150851376	A	-0.2143
rs10169928	A	0.042
rs75935339	T	-0.0704
rs9308876	T	-0.0764
rs60948292	C	-0.0488
rs116775359	A	-0.1693
rs55679053	G	0.0685
rs56317378	T	0.0388
rs7579447	G	0.0359
rs115543782	T	-0.1128
rs17261510	C	0.0582
rs116069749	A	-0.1552
rs12995009	C	0.037
rs4853778	T	-0.0481
rs10167468	A	0.0555
rs17392162	A	0.1949
rs1515185	T	-0.0499
rs79800468	T	0.0863
rs7596948	T	0.0362
rs28697220	A	0.045
rs55720215	T	0.147
rs140650919	C	0.3027
rs10200033	A	0.0451
rs62150760	T	-0.144
rs115035212	T	-0.1878
rs111616123	T	-0.2082
rs116044731	T	-0.0967
rs10208771	A	-0.0447
rs798421	C	0.0617
rs114392216	C	0.1191
rs11691653	T	0.0992
rs10182524	G	-0.0525
rs4149422	C	0.0375
rs76617263	T	0.2454
rs10179379	C	0.0404
rs17675656	C	0.0571
rs113260293	G	-0.1317
rs12999807	A	0.07
rs75206917	A	-0.1263
rs79702183	C	0.121
rs116096687	T	-0.1122
rs72900576	C	-0.0905
rs113855049	C	-0.1096
rs75498574	T	-0.0814
rs17739099	T	0.0434
rs76252708	A	-0.0725

rs11677791	A	0.0361
rs116686417	A	-0.1312
rs71439172	A	-0.0558
rs11125130	G	-0.0738
rs6739040	G	0.0673
rs113323354	C	0.1121
rs144505709	A	-0.0987
rs56011431	C	0.1715
rs78198082	C	0.2386
rs76043754	G	0.1153
rs62191515	A	0.2367
rs12469277	G	-0.0418
rs13003174	A	0.0412
rs10179855	C	-0.0606
rs10208141	T	0.038
rs55842451	T	0.0401
rs2165061	A	-0.0351
rs57306640	A	0.1938
rs13024457	A	0.0683
rs75322863	T	0.1301
rs61743531	T	0.1069
rs140617324	T	0.1298
rs74570312	C	-0.2138
rs16866991	G	0.0591
rs1921246	C	0.0507
rs115026059	G	-0.0888
rs116677169	A	0.1606
rs7556997	G	-0.0415
rs115583825	T	-0.065
rs16844253	G	-0.1606
rs142152301	T	-0.1849
rs80033509	T	0.1197
rs140021111	C	-0.201
rs62156545	C	-0.1501
rs62155139	G	0.0473
rs6741942	T	0.0371
rs3791996	C	0.0445
rs13431590	G	-0.0445
rs115118962	C	0.2145
rs111934361	G	-0.1791
rs13028633	C	-0.0542
rs10184594	C	-0.0382
rs12615585	A	0.0732
rs6759076	A	0.0369
rs1348863	T	-0.0377
rs143687132	T	-0.2289
rs11886956	G	0.0679

rs57165465	T	0.0623
rs78135595	A	-0.2882
rs34355843	A	0.0576
rs10177210	T	-0.0439
rs78276908	C	-0.0679
rs57240446	A	0.0379
rs79874767	A	0.2723
rs13010136	G	0.0823
rs1963424	A	0.0728
rs12470226	G	0.1525
rs12993260	T	0.0359
rs4485568	A	0.0464
rs10496504	G	0.0385
rs13403353	T	-0.0783
rs752123	T	0.1254
rs6725657	A	0.0365
rs3821174	C	-0.2354
rs10865045	A	0.0364
rs11680183	C	0.0369
rs56097129	C	-0.0478
rs13410702	C	0.1409
rs12617346	G	0.1729
rs16836913	C	0.1778
rs13000558	T	0.0932
rs2028674	A	-0.0541
rs114529675	T	-0.1506
rs77025187	A	-0.1625
rs116457856	A	-0.168
rs1320335	A	-0.0359
rs141396546	C	0.1993
rs12053563	G	-0.0462
rs6735071	C	-0.0601
rs12613322	C	0.0447
rs10189395	G	-0.0368
rs73222121	T	-0.0478
rs116545800	A	0.1944
rs150892246	T	0.2071
rs144941777	T	-0.1572
rs72867972	A	0.0419
rs1367876	G	-0.0427
rs74503226	T	-0.1946
rs1317808	G	-0.0379
rs115138061	T	0.2646
rs56290513	T	-0.0615
rs1447555	A	-0.0431
rs6753577	G	0.0416
rs146672754	A	-0.0735

rs1470590	T	0.0362
rs334129	A	0.0894
rs62193416	C	0.1267
rs147496996	C	-0.189
rs56200841	T	-0.2095
rs148268516	G	0.0912
rs10929289	T	0.1197
rs144624733	A	-0.2637
rs4341949	T	-0.0412
rs12622488	T	-0.0508
rs6728741	C	0.0357
rs7586960	A	-0.0558
rs6433448	C	0.0352
rs62188631	A	-0.1566
rs13004636	T	0.1922
rs6744029	A	0.0432
rs79632946	A	0.0849
rs111727538	A	-0.1784
rs141075556	G	0.1794
rs142188745	T	0.1329
rs11124043	A	-0.0387
rs16837192	A	0.0527
rs6714844	G	-0.2703
rs147783428	C	0.1997
rs151040967	C	0.1684
rs78170603	C	-0.1577
rs3103289	A	0.0748
rs73921309	A	0.0493
rs77609099	A	-0.1619
rs13427623	T	0.0367
rs2953153	G	-0.0389
rs12623384	T	0.173
rs72799937	C	-0.0455
rs115110689	A	0.1212
rs16841580	T	0.0591
rs10184104	C	0.0402
rs117932442	T	0.146
rs36055100	T	0.0344
rs56102567	T	0.1081
rs11683344	C	-0.0398
rs13012637	A	-0.0458
rs1530934	T	0.0495
rs3792065	T	0.2804
rs11676688	G	-0.1146
rs10176914	G	0.0372
rs80064280	G	0.1886
rs1443711	G	0.0391

rs73941158	C	0.2036
rs116052691	G	0.1572
rs11885032	C	-0.0783
rs116255105	T	0.1639
rs2364236	T	-0.08
rs111459369	T	0.2467
rs7559663	C	0.0793
rs57905270	T	0.057
rs72852574	T	0.0991
rs2334801	C	-0.1213
rs11675363	A	-0.0517
rs12613221	T	-0.2512
rs1862098	T	-0.039
rs2138985	C	0.0372
rs72966663	A	-0.1221
rs7609465	T	0.0422
rs13001925	G	0.0533
rs1907423	G	0.0433
rs62180957	C	0.0949
rs28595695	A	-0.0511
rs73021848	T	-0.0502
rs114921228	T	0.1209
rs11884504	A	0.1052
rs77783663	A	0.1402
rs116292849	C	-0.2545
rs111409244	C	0.0927
rs17268847	C	0.0498
rs76457823	G	0.2797
rs78733047	T	-0.2628
rs62122117	C	-0.0556
rs76152237	G	0.1459
rs140272071	A	-0.1595
rs7556885	A	0.038
rs114532880	T	0.1836
rs56783582	A	0.0615
rs76639298	C	-0.2523
rs11904182	A	-0.0961
rs10184205	C	0.0366
rs12694029	A	0.0364
rs62195015	T	-0.0502
rs80177718	G	0.317
rs115234285	A	0.1221
rs72896204	A	-0.198
rs75667857	T	0.2138
rs55700308	A	0.1301
rs11898870	G	0.0849
rs74908415	G	-0.2079

rs1377444	A	-0.0457
rs62157051	C	-0.0719
rs62166594	G	-0.1941
rs74464113	A	-0.2043
rs79568916	A	-0.0615
rs114819910	T	-0.0891
rs12470990	C	0.0477
rs10184074	C	-0.0432
rs2305174	A	-0.0508
rs12712887	G	0.0374
rs16863775	T	0.0453
rs4089742	C	-0.0965
rs140879453	C	0.2244
rs713385	A	0.0463
rs11689803	A	0.0407
rs72935863	T	-0.1214
rs298294	A	0.0405
rs72832526	A	0.2742
rs79262929	T	-0.2003
rs76908707	T	0.1036
rs74404582	G	-0.1265
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rs12714011	A	-0.0457
rs2222224	G	0.0712
rs2609939	C	0.0352
rs77245180	T	-0.1258
rs111502844	A	0.1198
rs114440310	G	0.198
rs1345916	C	0.0677
rs150701292	T	0.1348
rs4381801	C	0.0384
rs56156306	T	-0.2479
rs3731895	T	0.1653
rs61660254	T	-0.0452
rs3867336	C	-0.045
rs72773099	A	0.1475
rs116284270	T	0.1187
rs115035197	G	0.1571
rs6728183	C	0.0464
rs112166244	C	-0.1365
rs2166505	T	0.0394
rs113787127	C	0.0518
rs140743618	C	0.155
rs114623706	T	0.1756
rs116550295	T	-0.3019
rs17503541	T	0.0656
rs13021001	G	0.0532

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rs12620790	T	-0.0444
rs10207374	C	-0.167
rs13411786	A	0.0886
rs55922892	C	0.1619
rs7591219	C	-0.2396
rs10445818	G	-0.0486
rs6725040	T	0.1868
rs62136786	T	0.0344
rs10865085	A	-0.0536
rs72801877	A	0.1193
rs80241810	C	-0.2467
rs989176	T	-0.035
rs1370692	T	-0.0788
rs11126024	A	0.043
rs13390632	C	-0.0349
rs10184214	C	0.0407
rs6707918	A	-0.0949
rs13411151	T	0.2092
rs36122237	A	-0.0599
rs7557477	C	-0.0443
rs139742748	C	0.2346
rs142329507	A	0.1508
rs72870422	G	0.0764
rs12617054	A	0.0665
rs7596391	A	-0.1392
rs4663268	A	-0.037
rs115754252	C	-0.1591
rs2359318	G	0.0423
rs7370700	T	-0.0419
rs67473340	A	-0.0637
rs2272109	A	0.0975
rs750783	G	-0.0341
rs13006423	T	-0.0362
rs77602596	C	0.1198
rs1371020	T	-0.0379
rs72934385	T	-0.0874
rs115288207	T	-0.134
rs140068078	T	0.177
rs57503539	A	-0.0436
rs6758189	G	0.0462
rs72907642	T	0.2194
rs147718908	G	0.2819
rs12052304	G	-0.0462
rs140908358	C	0.218
rs114010635	T	-0.2055
rs12465819	C	0.0344

rs10497941	A	-0.0408
rs6748631	C	-0.0586
rs13006877	C	-0.0355
rs58642128	G	-0.0757
rs72856145	C	-0.054
rs10451562	A	-0.0346
rs219214	G	0.2095
rs1010279	A	0.0716
rs6709309	T	-0.1968
rs809482	G	0.0404
rs878539	G	-0.0362
rs11684742	C	0.0344
rs2166088	C	0.0545
rs146829947	C	-0.1023
rs11678550	A	0.046
rs2567601	G	0.0519
rs13414055	C	0.215
rs76498942	T	-0.1133
rs3792121	C	0.0445
rs2042089	C	0.0355
rs13004435	A	-0.0618
rs6542644	T	0.035
rs11884437	A	-0.1665
rs113548635	A	-0.0752
rs116457097	A	0.1383
rs114369437	G	0.3102
rs4497843	A	-0.0814
rs17432681	A	0.048
rs10177986	C	-0.0617
rs74992086	C	-0.0834
rs115420636	T	0.2508
rs78251516	A	0.1199
rs10170011	A	0.1135
rs7607908	A	0.0483
rs1367165	C	-0.0469
rs10175539	G	0.0367
rs72826200	T	-0.145
rs114991178	A	-0.2613
rs13008133	G	0.0932
rs61739291	C	0.1701
rs75841477	C	0.0683
rs11679282	T	0.0397
rs80261926	T	-0.2343
rs75843407	T	0.0899
rs6747567	C	-0.0456
rs2292650	G	0.0494
rs73935982	C	0.0966

rs147904468	A	-0.2746
rs10184643	G	-0.0723
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rs6740082	C	-0.0734
rs13012615	A	-0.0386
rs10169002	G	0.0342
rs62135100	A	0.0627
rs11681576	A	-0.0338
rs114508399	T	-0.2439
rs77228795	C	0.1836
rs971821	A	0.1014
rs139265466	T	-0.2401
rs72818239	G	0.2622
rs16859921	C	-0.0549
rs6718243	G	0.1469
rs11681637	G	-0.1122
rs113331531	T	0.192
rs13388733	T	0.0425
rs79782936	G	-0.064
rs138940193	A	-0.1907
rs6755552	G	-0.0387
rs7600157	T	0.0589
rs71425956	C	0.1632
rs36067752	G	0.1232
rs148835629	G	0.183
rs17705978	G	0.0717
rs79615211	G	0.3125
rs73975658	T	0.0804
rs6547848	C	-0.0894
rs35208898	T	-0.2043
rs16983064	T	-0.1217
rs12710751	T	-0.0354
rs77425000	A	-0.1402
rs72613870	C	-0.0769
rs78123638	A	0.2288
rs13002600	C	0.0453
rs72788537	C	0.1269
rs1828474	T	-0.0697
rs149783744	G	0.2519
rs60887428	C	-0.1155
rs13390760	C	0.222
rs146669699	T	0.255
rs2005791	C	0.0518
rs55833068	C	-0.0407
rs6708562	A	0.0711
rs141483103	T	0.2122

rs147442711	T	0.319
rs10177723	G	0.0393
rs4953681	A	0.0345
rs78542645	G	-0.0924
rs7568807	G	-0.0368
rs142911649	A	-0.0905
rs13016810	C	0.0613
rs1430083	T	0.0797
rs61046720	A	0.0515
rs6748470	G	0.0366
rs17794168	G	0.1523
rs4854311	A	0.1612
rs78229678	G	0.1129
rs78196400	C	0.1359
rs11884584	C	0.0455
rs12692585	G	0.0409
rs1485076	A	-0.0363
rs75000702	G	-0.0693
rs6718516	G	0.0369
rs6436390	A	-0.038
rs17700553	C	0.0664
rs138155270	G	-0.4128
rs67773315	A	0.1008
rs13389882	G	-0.0341
rs116617099	C	-0.2167
rs78916581	G	0.1826
rs77920735	T	0.2249
rs114575458	C	0.1186
rs76972021	T	-0.0873
rs12692031	A	-0.0344
rs72771794	C	0.0582
rs2592579	T	0.0529
rs75331188	T	0.1342
rs4352232	G	0.0361
rs73063880	T	0.0754
rs116112767	T	-0.1922
rs79074603	A	-0.097
rs7589542	A	-0.0342
rs71413165	A	0.1231
rs12474921	T	0.1386
rs72940418	T	0.256
rs76102347	G	-0.0883
rs6745031	A	0.036
rs843690	C	-0.073
rs11887190	T	-0.0498
rs115943707	A	-0.1999
rs6750752	C	0.0433

rs11887282	C	0.0401
rs78371816	T	0.1078
rs297122	T	0.0767
rs7609497	T	-0.0671
rs114491331	G	0.2735
rs62156643	A	0.1625
rs114298039	A	0.1747
rs1705131	A	-0.0335
rs114407648	T	0.1118
rs11690284	T	-0.0351
rs115158014	A	0.0981
rs7601262	C	-0.0367
rs115965468	G	0.135
rs17389100	G	-0.0585
rs11896440	C	0.0766
rs75612290	A	0.1804
rs5547	G	0.1545
rs79062410	A	-0.257
rs115477629	C	-0.0362
rs759456	G	0.0358
rs79550435	C	0.1928
rs6718282	A	-0.0814
rs11901629	A	0.0861
rs700940	C	-0.0352
rs35509529	G	0.0861
rs6748465	T	0.073
rs112327851	C	0.1192
rs149667020	G	0.261
rs75797365	A	-0.2249
rs13429451	A	0.1316
rs6727351	C	0.0684
rs116692963	C	0.2213
rs7592363	T	-0.0574
rs4662260	A	-0.0443
rs138328973	G	0.1405
rs12614365	A	0.2024
rs6744174	C	-0.0386
rs72836107	T	0.1231
rs12463670	T	0.0493
rs116651432	C	-0.2065
rs56284247	C	-0.039
rs148470447	T	-0.2288
rs1514682	T	-0.0409
rs12994932	G	-0.0345
rs116420297	T	0.1654
rs17325656	C	0.1362
rs77248865	G	-0.3474

rs138888189	A	0.2279
rs145759133	G	-0.3235
rs4851349	A	-0.0571
rs218217	G	-0.0559
rs75808972	G	-0.2668
rs151130090	A	0.1111
rs1424919	T	-0.0918
rs12471567	T	-0.0347
rs6707843	T	0.062
rs12478509	C	0.0515
rs13004784	G	0.0474
rs140001576	T	0.2658
rs4488642	G	-0.0381
rs1835804	G	0.0341
rs35085748	C	0.3624
rs12623281	C	-0.0472
rs4558539	T	0.1681
rs748014	T	0.0617
rs114188570	G	-0.2311
rs7592593	T	-0.0614
rs74711038	G	-0.2066
rs114514101	T	0.1616
rs36118164	T	0.0395
rs34351215	A	-0.1327
rs16828857	A	-0.061
rs115974370	C	-0.0697
rs10170714	A	0.0522
rs10779931	G	-0.036
rs140968288	C	-0.1736
rs116753168	T	0.1336
rs112575691	T	0.2319
rs16827735	T	0.0637
rs34888661	G	-0.0769
rs55695415	T	-0.0514
rs17198353	G	0.166
rs6755845	C	0.052
rs17554529	G	-0.1076
rs2178740	G	0.0383
rs1471641	C	-0.0469
rs115791493	A	0.1036
rs62105573	G	-0.0416
rs75252677	A	-0.1146
rs16841114	C	0.0619
rs143164414	C	-0.2272
rs72806602	T	0.0902
rs11124602	T	0.0369
rs1521753	C	-0.0359

rs62140822	G	0.0933
rs114099224	A	-0.1336
rs4952918	T	-0.0577
rs78518576	T	-0.0958
rs56084025	C	-0.099
rs148885277	G	0.1933
rs16864141	C	0.2384
rs10180866	C	0.0361
rs114102568	A	-0.1215
rs7595796	A	0.0659
rs34558350	A	0.0689
rs72823122	G	-0.0384
rs2029043	T	-0.149
rs11691205	A	0.1878
rs12620511	A	0.0514
rs2568224	C	0.0351
rs6731322	T	0.0548
rs55683694	C	0.0588
rs116219058	A	-0.1159
rs2860779	A	0.0346
rs1397482	G	-0.0349
rs67615483	T	0.1111
rs17400505	G	0.0348
rs79316184	T	0.2415
rs34210468	G	-0.1062
rs272114	T	0.0878
rs116492934	C	0.1857
rs13034472	G	-0.0363
rs11898823	T	0.0912
rs17761169	A	-0.0338
rs982214	G	0.0358
rs115808795	C	-0.2097
rs56734517	C	0.0619
rs138383852	C	-0.1094
rs77134521	T	-0.0651
rs11127165	T	0.0336
rs74686050	A	-0.2051
rs6729983	G	0.0733
rs2099732	A	0.037
rs62180920	A	-0.0393
rs72777025	T	0.0801
rs11125625	C	0.0368
rs75973085	A	-0.111
rs72827483	T	0.2221
rs116134683	A	-0.2343
rs12990638	A	-0.0422
rs115332860	C	0.2187

rs77684026	A	0.1664
rs1560872	A	0.0745
rs17742537	C	0.1114
rs76773051	A	-0.2526
rs10194172	C	0.0569
rs149509277	T	0.1981
rs115364330	G	0.134
rs72485525	T	0.108
rs2024455	T	0.052
rs871530	A	0.0373
rs12476410	T	-0.0413
rs76003961	A	0.0854
rs11692979	G	0.0484
rs10171967	C	-0.042
rs2098279	C	0.0433
rs2371409	C	0.1924
rs6547000	T	0.0485
rs34334212	C	0.0731
rs75588529	C	0.2189
rs13414599	A	0.056
rs78227970	C	-0.0967
rs12465524	A	-0.1845
rs10203476	A	0.0526
rs34683823	T	0.0826
rs114752694	T	-0.1263
rs586253	G	0.1218
rs2139200	C	0.0354
rs11888898	C	0.0571
rs41368446	G	-0.0828
rs56296788	C	0.1565
rs149366503	G	-0.2094
rs13011042	G	-0.0363
rs3749054	T	0.2556
rs2037161	C	-0.0436
rs6541743	A	0.0407
rs6738560	G	0.0371
rs7600564	A	0.0715
rs79053861	T	0.2104
rs111242163	G	-0.1193
rs3764917	C	-0.0609
rs17533070	A	-0.1068
rs4595964	T	-0.0642
rs6431993	A	0.0333
rs72991317	A	0.064
rs4669674	G	-0.0644
rs3843861	T	0.0491
rs34641834	T	-0.083

rs11687183	G	0.0519
rs12998516	A	-0.0443
rs72838749	T	-0.1289
rs1025544	T	-0.0357
rs34376380	A	0.1727
rs4534992	A	0.0357
rs6761582	C	-0.0787
rs72887646	T	0.0762
rs11692215	T	-0.0405
rs58429799	G	-0.211
rs75169789	T	0.1287
rs10497518	G	0.0861
rs77829012	T	0.087
rs35762680	C	-0.1092
rs16856130	C	0.0377
rs77203928	T	0.0736
rs147109071	A	0.2887
rs75122855	A	0.1569
rs114368393	T	0.1651
rs111522891	G	-0.1091
rs13427443	T	-0.0544
rs4519553	C	-0.0776
rs34828730	A	-0.1213
rs12621602	C	0.0585
rs73082431	C	-0.0583
rs145792627	G	-0.2321
rs1554902	A	-0.0371
rs1454320	T	0.0557
rs28684585	T	0.0831
rs10184501	A	0.0711
rs115099029	A	-0.2
rs13033268	C	-0.1514
rs76914416	T	-0.1908
rs114024816	A	0.131
rs2272528	C	0.0646
rs13398110	T	0.0799
rs72799044	A	0.1365
rs7423708	G	-0.0357
rs13432997	A	-0.0521
rs12995380	T	0.0436
rs115850844	T	0.1236
rs16866575	G	-0.0598
rs12619069	T	0.0527
rs72813766	T	-0.1916
rs2970988	G	0.054
rs115587953	T	-0.1582
rs113221477	T	0.0706

rs75040266	A	0.1203
rs115463434	A	0.1502
rs60246501	T	0.1404
rs2371573	G	0.0331
rs150758300	T	-0.1411
rs75322540	C	-0.1188
rs72806141	G	0.185
rs2056209	G	0.0352
rs115927606	A	-0.1996
rs918292	T	0.0495
rs12617019	C	0.0446
rs12712612	T	0.0639
rs77507477	A	0.12
rs116163699	G	-0.0697
rs13001453	T	-0.1821
rs17783977	A	-0.2288
rs6710715	A	-0.0404
rs142333882	A	0.143
rs4670786	C	0.0524
rs2685712	G	-0.0969
rs7599326	A	-0.0374
rs11679716	T	0.0383
rs2372681	G	0.0498
rs11563208	T	-0.0379
rs12468688	A	0.0558
rs10198480	G	0.0549
rs6751552	G	0.0404
rs113614214	G	-0.0711
rs35542306	A	-0.0647
rs2705775	T	-0.0457
rs2421820	T	0.0356
rs79533427	C	0.087
rs6737347	A	0.0421
rs62148373	A	0.1411
rs16830412	G	-0.0842
rs75519659	T	0.1298
rs3792074	C	0.0389
rs6718825	G	0.0955
rs1561296	T	0.0338
rs73016461	C	-0.1071
rs62176980	G	0.235
rs17025611	C	0.149
rs72617143	A	0.1667
rs4894196	C	0.0364
rs78669070	T	-0.1599
rs72979746	T	0.1813
rs10439314	T	0.0947

rs116337306	G	0.2376
rs140104536	G	0.1756
rs8179521	A	-0.0719
rs17783638	C	-0.0689
rs34050218	C	-0.0878
rs17043136	T	0.1022
rs11902050	A	-0.0618
rs36120431	T	0.0569
rs2118673	T	-0.0512
rs12618928	T	0.0337
rs72772215	T	-0.1215
rs79859940	A	-0.0537
rs4671986	G	0.0521
rs56191000	T	0.1097
rs58710201	A	-0.1044
rs80317127	G	-0.123
rs13031106	G	-0.0913
rs114394148	G	0.2122
rs114799444	T	0.1852
rs1476328	A	-0.0527
rs149053867	G	-0.1923
rs72866046	A	0.0569
rs7604116	A	-0.0562
rs6753208	A	0.0493
rs12993852	A	-0.0506
rs80244487	T	-0.0544
rs76943985	C	0.1156
rs115650712	G	-0.2149
rs114684155	C	-0.1307
rs6737854	A	-0.0374
rs115073275	T	-0.1649
rs112858342	A	0.1994
rs62124270	T	-0.0768
rs2020203	A	0.0421
rs80294774	C	0.1375
rs75049520	C	0.1469
rs77861537	T	0.0738
rs143578876	A	0.0932
rs17532603	A	-0.0333
rs144811082	T	-0.1399
rs139301855	T	0.0804
rs77090925	A	-0.0514
rs2309651	C	-0.0524
rs77506056	T	-0.0883
rs56056319	A	-0.0618
rs10210065	A	-0.0352
rs142562157	C	-0.1052

rs72862254	G	0.1296
rs56026054	G	0.0562
rs13394352	T	0.0449
rs116420012	T	0.1404
rs77402353	C	-0.0736
rs72988447	T	0.0575
rs76432967	G	-0.138
rs17404836	T	-0.0338
rs10930627	G	-0.0331
rs982928	C	-0.0492
rs78854156	A	0.1624
rs115607671	C	0.1471
rs115811834	G	0.216
rs16863206	A	-0.0852
rs6706539	G	-0.049
rs356652	G	-0.0584
rs1867857	C	0.0732
rs10168288	T	0.0509
rs151192710	A	0.1904
rs77528201	G	-0.1109
rs141861155	A	0.1723
rs6761941	T	-0.2484
rs16865292	C	0.0957
rs7591627	T	0.097
rs62175776	C	-0.1653
rs72881895	G	0.0912
rs111746180	G	0.1493
rs72876024	T	-0.1287
rs114734735	A	-0.2243
rs112798965	T	-0.1746
rs77197977	C	-0.105
rs147555768	C	-0.1777
rs796275	C	0.1018
rs12614977	A	-0.0645
rs76945823	C	0.0383
rs113378684	T	-0.1836
rs10200535	T	0.0493
rs11125070	T	-0.0389
rs6724753	T	0.0345
rs113203861	T	-0.0663
rs16823003	A	0.0975
rs72889733	A	0.213
rs7419832	T	0.0575
rs146333093	A	0.2078
rs4371338	A	0.0332
rs78009369	G	0.1741
rs77334461	G	0.0922

rs149419791	A	0.1658
rs1669538	T	0.1336
rs74482614	G	0.0776
rs76952690	T	-0.1185
rs2080399	T	-0.0338
rs17185987	T	0.1335
rs72951770	C	-0.0797
rs11680350	G	0.0392
rs115785384	C	0.2584
rs56040128	C	-0.0532
rs78213796	G	0.2121
rs34043785	T	0.0477
rs6728227	G	-0.0324
rs761111108	A	-0.1986
rs55668942	C	0.055
rs114064782	T	-0.1995
rs116732687	C	-0.2377
rs116373304	G	0.3273
rs12713753	G	0.0339
rs13427705	C	0.063
rs871688	A	-0.0373
rs58738000	G	0.0615
rs111363322	A	0.1671
rs77738981	T	-0.0721
rs4952479	A	0.0329
rs77737294	C	0.1548
rs72973070	A	0.251
rs116603603	C	0.1552
rs78062761	A	-0.1536
rs78571808	G	0.2545
rs116739842	T	-0.1156
rs35632511	C	0.0801
rs146003514	T	-0.2316
rs78853258	C	-0.1726
rs12478424	T	-0.1309
rs10210489	T	0.033
rs765788	G	0.1061
rs79577315	T	-0.0513
rs75777360	A	0.0806
rs17469240	C	-0.0807
rs76285585	T	0.1111
rs150895953	C	-0.1663
rs1826411	C	0.1553
rs114255299	G	0.1394
rs1401063	A	0.0361
rs16861216	A	0.1049
rs75127636	G	0.1506

rs4635466	G	0.0505
rs10198718	A	-0.037
rs62109395	T	0.1806
rs895761	A	0.0386
rs1454234	C	-0.034
rs113208637	T	-0.0623
rs138115320	A	-0.1648
rs13005452	C	0.049
rs72989291	G	-0.1494
rs11676736	A	0.0512
rs4669862	T	-0.0607
rs116616126	G	0.2331
rs4953204	T	0.0627
rs10933613	A	0.0505
rs143808352	G	0.0977
rs62184656	A	0.213
rs17496827	A	0.0344
rs734693	C	0.038
rs2059340	T	-0.098
rs115619158	A	0.1362
rs140052025	G	-0.2302
rs2193075	T	-0.035
rs34591511	A	0.1024
rs4854348	A	0.0419
rs11685603	T	0.0741
rs34556076	G	-0.0532
rs4560084	T	-0.0706
rs12151421	G	-0.0332
rs2975752	T	-0.0395
rs2944254	T	-0.0403
rs937387	C	0.0519
rs13018621	T	0.1557
rs78636564	C	-0.0651
rs13029145	T	-0.0718
rs58533146	T	0.0917
rs58520674	C	0.0678
rs145827072	A	-0.1856
rs342105	C	-0.0358
rs79733148	C	0.1797
rs11674826	A	-0.0851
rs12478736	C	-0.0513
rs12466968	T	-0.1198
rs79200749	G	-0.0652
rs114808243	A	-0.1312
rs62188065	T	0.2321
rs4972506	A	0.0397
rs117629891	G	-0.1493

rs72791158	G	0.0987
rs4583473	T	-0.0387
rs77049643	G	-0.1077
rs112349273	C	-0.0446
rs114653250	G	0.1651
rs11675694	G	-0.1208
rs2204903	G	0.0335
rs77093505	A	0.1261
rs143518517	A	-0.1243
rs55809209	C	0.1722
rs146744492	G	0.1327
rs62154068	A	0.0826
rs10187705	C	-0.0356
rs62121466	A	0.1207
rs72810434	C	0.1451
rs13030445	A	0.053
rs142677852	T	0.1123
rs11689258	T	-0.1452
rs62154889	T	-0.1631
rs4851073	T	-0.0523
rs34330745	T	0.2313
rs58511420	C	-0.0526
rs78774671	G	-0.1967
rs887844	G	0.0437
rs72880441	T	-0.0752
rs13015254	T	-0.0322
rs17647806	T	0.0792
rs820985	C	-0.0359
rs67008211	C	-0.0732
rs112464067	T	0.1678
rs7589562	C	0.0392
rs114071479	C	0.1529
rs145866533	A	0.189
rs17539109	G	-0.0376
rs77529890	G	0.1286
rs2863960	A	-0.036
rs114511494	T	0.2188
rs115134924	C	-0.1095
rs17037195	C	-0.0633
rs11895413	C	-0.0393
rs34527161	A	0.0988
rs7576450	A	-0.2198
rs72832997	A	0.111
rs77895161	A	0.1398
rs1606963	C	-0.1169
rs11688851	A	-0.0322
rs116375331	C	0.2023

rs2167568	G	0.0334
rs77444672	T	0.0493
rs13407501	T	-0.1207
rs150357509	C	0.1312
rs12695019	A	-0.0419
rs77095247	T	0.0612
rs114836922	C	0.077
rs72835846	T	0.1364
rs78928041	T	0.1552
rs78122413	G	-0.1137
rs16838864	T	0.076
rs112418978	A	-0.0481
rs12467887	T	-0.0369
rs17387431	T	-0.0823
rs62191164	C	0.0788
rs17745230	T	-0.0462
rs72874058	G	-0.1677
rs7590733	T	0.0555
rs2577264	A	-0.0328
rs72773268	A	0.2309
rs114010776	T	-0.1157
rs4420713	C	0.0354
rs41279754	T	0.1321
rs146836463	G	0.1422
rs57283582	C	-0.1026
rs115126995	T	-0.1925
rs6741594	T	-0.0607
rs2305152	C	0.0342
rs1511192	C	0.0534
rs79594066	C	0.1487
rs16830840	A	0.0646
rs16866740	T	0.051
rs145156209	G	-0.2127
rs116422516	G	0.3136
rs7582472	C	0.0408
rs138625013	A	-0.2173
rs10166721	T	-0.0868
rs62182407	T	-0.1574
rs6730964	G	0.1353
rs6753019	G	0.0476
rs12994634	G	-0.0355
rs67254543	T	-0.0407
rs12477945	A	0.0994
rs77630721	G	0.1078
rs60006979	C	0.0705
rs719596	C	0.0772
rs10496566	T	-0.0333

rs2163025	T	-0.0349
rs147233723	A	0.1431
rs2193805	C	0.0323
rs28625455	T	0.0407
rs17431708	A	0.2594
rs76683099	A	0.1742
rs116631620	T	-0.1246
rs2303597	T	0.0381
rs12474359	T	-0.0466
rs115195099	C	0.265
rs139368290	G	-0.2069
rs75874885	G	0.0874
rs1122869	A	0.0339
rs74506368	A	-0.0687
rs7577895	C	0.0786
rs11693340	C	0.0669
rs55780490	C	-0.3225
rs4953344	C	0.0471
rs56194420	T	0.0432
rs143499126	T	0.1402
rs1835432	C	0.0346
rs1867856	T	-0.0339
rs2582998	T	-0.0559
rs7585360	T	0.1655
rs6546277	A	-0.0506
rs3931851	T	-0.1448
rs6435221	G	0.0605
rs5010732	A	0.0396
rs10197049	C	-0.0618
rs73045343	A	0.0439
rs112001448	C	0.0793
rs6430802	T	0.0367
rs3112147	G	0.1186
rs79036155	G	0.1237
rs150759843	T	0.261
rs79289917	T	-0.1068
rs34226559	C	0.2114
rs824518	T	-0.0378
rs115222640	T	-0.2501
rs4675693	A	0.0413
rs16863649	T	-0.0486
rs7560953	A	0.034
rs11691856	T	-0.0517
rs16849846	C	0.041
rs72810052	A	0.2037
rs6706577	A	-0.0319
rs75022801	A	0.116

rs34701755	T	-0.0474
rs11680333	C	-0.0343
rs13424593	G	0.0485
rs62132336	A	-0.0655
rs116080292	T	-0.2362
rs16865299	A	0.0334
rs78214833	A	0.066
rs4972391	A	-0.0425
rs12714404	T	0.0359
rs113112296	A	0.0629
rs13021573	G	0.0597
rs35265092	A	0.0355
rs10177236	A	-0.252
rs7572959	G	-0.124
rs61703970	G	-0.0612
rs112077565	A	-0.1222
rs4952800	A	-0.0369
rs10210193	C	-0.0363
rs12711856	C	-0.0334
rs111420737	A	0.0437
rs72793147	T	0.0587
rs11904093	C	-0.0371
rs72775091	G	0.1353
rs7567391	G	-0.0555
rs6709978	C	-0.0354
rs13413674	A	0.0428
rs147673267	C	0.155
rs116420011	A	0.1129
rs13015246	A	0.0327
rs58000571	A	0.0492
rs12470262	C	0.0473
rs3820780	T	0.0565
rs4848992	A	-0.0431
rs6714764	C	0.0493
rs79636654	A	0.1629
rs114667864	G	0.1971
rs1505758	A	0.0329
rs113814087	A	0.0723
rs10496659	C	0.1247
rs115818183	T	0.2209
rs35386792	G	-0.0959
rs77159514	G	-0.1244
rs114831627	T	0.0956
rs150793705	C	0.1408
rs76300915	T	-0.1131
rs4491715	G	0.2473
rs66849943	C	-0.033

rs1518739	C	0.0464
rs10928331	C	0.0419
rs77223344	C	0.134
rs113362201	T	-0.1852
rs116519842	C	-0.1211
rs146484336	A	-0.14
rs11694294	T	0.0331
rs13384114	A	0.1923
rs141928084	A	0.1513
rs141743682	T	0.2247
rs2654557	T	-0.0391
rs75281353	T	0.1393
rs12712290	C	-0.0362
rs13424211	C	0.0451
rs13030844	T	0.0329
rs73934204	A	0.0827
rs151206625	T	0.1779
rs143041568	A	-0.1916
rs2579394	G	-0.0395
rs74525778	T	-0.2113
rs79068361	A	-0.0786
rs12469968	G	-0.0327
rs116040461	A	0.138
rs71424901	A	0.0555
rs13410209	C	-0.0624
rs6545465	T	-0.0404
rs55810333	T	0.1125
rs2697789	A	-0.062
rs58567728	A	-0.0415
rs114692895	C	0.1029
rs1345354	C	-0.0455
rs6751810	C	-0.0568
rs142518430	A	-0.1824
rs13019984	T	0.0331
rs116628265	A	-0.0513
rs12994131	G	0.0394
rs113090095	C	-0.2951
rs76093583	T	0.0658
rs13028997	G	0.0318
rs4668254	G	-0.0913
rs2084746	G	0.0539
rs151088233	C	0.1837
rs12694656	G	0.0975
rs3739064	G	-0.039
rs73025875	G	0.1566
rs1451831	T	0.2821
rs116806864	A	0.116

rs2916522	C	-0.0345
rs1994254	T	-0.0866
rs150088671	A	0.2797
rs10178070	C	0.0467
rs13425586	A	0.1241
rs1862886	T	0.0321
rs75263328	C	-0.0828
rs2278740	T	-0.0505
rs141326394	G	-0.1286
rs7559185	G	-0.0424
rs11683582	A	-0.1784
rs4386288	A	-0.0451
rs2709468	C	-0.0812
rs62148376	C	0.054
rs114291296	T	0.1435
rs36042961	A	0.0527
rs4972939	T	0.0354
rs11692757	A	-0.0402
rs75844590	A	0.2205
rs3755192	T	-0.1425
rs4672416	T	0.0814
rs4260212	A	-0.1107
rs72922893	T	0.1825
rs17869087	A	-0.1193
rs76572748	A	0.1378
rs143253551	C	0.0329
rs115059870	C	-0.2035
rs4450624	T	-0.0689
rs10490247	C	0.0323
rs62167123	A	-0.1738
rs115678465	A	0.0932
rs112625182	G	-0.1835
rs79815126	A	0.0595
rs6739948	A	0.1245
rs57785053	T	-0.0403
rs78732603	T	0.0575
rs72913654	T	-0.1902
rs6722353	A	-0.0388
rs7572088	C	0.0361
rs6755332	A	0.0464
rs34400200	G	0.0806
rs6435166	T	0.0369
rs151104168	T	0.0923
rs113856711	A	0.2325
rs10184337	A	-0.1526
rs72831039	T	-0.1638
rs76349487	C	0.1686

rs11125991	G	0.0323
rs72778227	A	-0.0518
rs36043647	C	0.1101
rs76018285	G	0.1015
rs79235506	C	0.1601
rs72915205	C	0.1274
rs116539609	A	0.12
rs73985808	A	0.0998
rs17017611	G	0.0434
rs10193022	G	0.032
rs1453205	C	0.0322
rs35172078	T	-0.1343
rs116281177	C	0.2645
rs75563574	A	-0.1313
rs4670382	C	-0.0437
rs11677956	T	0.0649
rs17432754	T	0.0341
rs76937430	G	0.1134
rs74565349	C	-0.1599
rs12612635	T	0.0351
rs116102549	C	0.2402
rs62164558	A	-0.099
rs17862794	G	0.0396
rs10177221	C	-0.0509
rs7572873	A	0.039
rs10930185	C	-0.0334
rs17176535	G	-0.1368
rs116560958	A	0.21
rs75747642	T	-0.1288
rs76109429	G	-0.1087
rs145077544	C	-0.2089
rs113105398	A	0.1538
rs77104817	C	0.1922
rs10165384	G	-0.1487
rs74497072	T	0.1068
rs150123742	C	-0.0413
rs77093276	G	0.152
rs56046520	A	-0.0382
rs17676048	T	-0.1672
rs10184118	C	-0.0693
rs10173790	A	-0.0364
rs68124119	G	0.0474
rs114302919	T	0.1611
rs116326420	C	-0.1321
rs112191637	T	-0.1223
rs72837949	T	0.1932
rs3116517	A	-0.0688

rs113219669	T	0.06
rs34699488	C	0.0835
rs72815898	G	0.0743
rs2117932	C	0.0407
rs116660829	G	-0.2304
rs6761048	A	0.034
rs13417386	T	0.0977
rs141523077	A	0.0684
rs11684259	T	-0.0371
rs11902312	A	0.0326
rs62190868	C	-0.2255
rs111715355	C	-0.2018
rs116219786	T	0.1174
rs11125665	T	0.0323
rs12693169	G	0.0351
rs3856411	A	-0.1206
rs141757296	T	-0.1962
rs848562	G	0.0774
rs112733978	G	0.1726
rs17025157	A	-0.049
rs150013310	C	-0.1803
rs1476195	C	-0.0333
rs13023975	C	0.0451
rs114037276	G	0.145
rs55809808	C	0.121
rs17585993	A	0.1254
rs113339430	T	-0.0778
rs436990	A	0.0352
rs76700026	T	-0.0732
rs35147280	G	-0.0711
rs1261234	G	0.0509
rs2971874	G	0.037
rs114824294	G	-0.1181
rs1098155	A	0.0349
rs75356126	A	-0.0969
rs114330571	A	-0.1028
rs4396745	A	-0.0562
rs149128224	G	-0.2735
rs148218194	C	0.1687
rs115496195	T	-0.2223
rs2580855	C	0.0765
rs78369858	C	0.1312
rs17271504	C	0.1545
rs13397475	G	-0.1449
rs78798345	C	-0.1426
rs13014102	C	-0.0547
rs6435673	C	0.0376

rs77646727	G	-0.1063
rs2540061	G	0.0314
rs6720307	C	0.096
rs72940460	C	-0.1746
rs145059730	A	0.1512
rs4954375	T	-0.0576
rs115765073	A	-0.0817
rs77870186	T	0.1215
rs73003332	G	-0.0769
rs2178519	T	-0.0329
rs143514156	A	0.1278
rs1438145	T	-0.0373
rs76640858	G	0.1091
rs76029548	T	0.1031
rs10165160	G	0.035
rs62188969	C	0.1086
rs698601	A	-0.0777
rs73125875	A	0.0399
rs76475175	A	-0.0751
rs76639410	T	-0.1643
rs13426809	A	-0.0576
rs661500	A	-0.0438
rs2860875	T	0.0409
rs56095559	C	-0.0406
rs72826738	G	0.0689
rs35091831	G	0.1482
rs62172805	A	0.0676
rs56371976	G	-0.0882
rs3738907	G	-0.0893
rs4848370	T	-0.0357
rs13427961	A	0.0337
rs76405473	T	-0.1228
rs114498712	G	-0.1591
rs112729234	A	0.0602
rs78113513	A	-0.0823
rs55992496	A	0.052
rs13313741	T	0.0459
rs72832352	T	-0.1765
rs35167836	T	0.1198
rs72783281	A	0.057
rs62179632	C	-0.1233
rs78093519	T	0.0926
rs7584650	G	-0.0337
rs34118383	T	-0.0383
rs72809285	G	0.083
rs1836731	G	-0.0336
rs140609298	A	0.181

rs1467275	A	0.0707
rs12995082	C	0.0375
rs75703046	C	0.1799
rs78597444	A	0.1317
rs76836762	G	-0.0823
rs861770	C	0.0926
rs76397621	G	-0.0867
rs148744186	T	0.1761
rs10497537	T	0.069
rs139295615	C	-0.1572
rs80293728	C	-0.1206
rs72958119	A	0.1719
rs77504944	A	-0.1481
rs77332993	T	0.211
rs17757520	A	0.1331
rs13006543	C	0.078
rs113096648	G	0.0822
rs72888055	A	0.21
rs2176263	G	0.0318
rs13395150	C	0.0543
rs55969678	A	0.062
rs144262298	C	-0.1906
rs11124081	A	-0.0339
rs146394439	A	0.1311
rs115746860	T	-0.1925
rs148436209	T	-0.111
rs12994122	C	-0.0635
rs115176763	C	0.18
rs17863623	G	-0.0951
rs12621351	A	-0.2629
rs11890942	T	-0.0466
rs1641478	A	0.0801
rs72878276	G	0.2048
rs115344435	T	0.1795
rs2860383	G	0.0395
rs114988503	A	0.2175
rs11688637	G	0.0333
rs114263638	G	0.1021
rs17563935	C	-0.0425
rs6720565	A	0.0368
rs147925682	T	-0.1504
rs308020	T	0.0321
rs115534276	T	0.1083
rs10179767	T	-0.0848
rs62201162	G	0.1963
rs12617620	A	0.039
rs79095123	T	0.1591

rs62189527	T	0.1123
rs17864686	A	-0.04
rs6731663	T	0.0342
rs115220505	T	0.1215
rs11892072	T	0.0521
rs10930482	A	-0.0337
rs62165759	G	0.046
rs77199945	A	0.1078
rs146065688	C	0.1757
rs13010063	A	0.073
rs2848120	C	-0.0571
rs113407538	G	0.176
rs11685457	A	-0.1853
rs78799748	T	0.1672
rs1524080	T	0.0322
rs74942702	A	0.0433
rs149436759	T	0.2408
rs6746505	A	-0.042
rs77529550	C	0.1316
rs114007252	G	-0.1343
rs78162624	T	0.202
rs399327	A	-0.0533
rs80012003	T	0.0974
rs4541241	A	-0.1123
rs11894865	T	-0.141
rs1996590	T	-0.0541
rs1460669	G	0.0321
rs79890038	C	0.1709
rs1380696	T	-0.302
rs12467059	A	0.0411
rs6750041	T	-0.0711
rs115993808	A	-0.2565
rs6717794	G	0.0391
rs13410472	A	0.0558
rs58081231	T	0.1247
rs115243061	T	-0.0945
rs62195041	C	0.0498
rs79303419	C	-0.0999
rs10194245	A	-0.0516
rs2062964	A	-0.0339
rs3923755	C	-0.0361
rs77736461	T	-0.0344
rs4854182	T	0.0634
rs11897526	T	-0.1094
rs116164358	G	0.2731
rs111433075	G	-0.11
rs12622085	G	-0.0402

rs6750650	A	-0.0475
rs35012832	A	0.0463
rs75921449	C	0.0776
rs145495632	T	0.2382
rs151153025	A	0.2603
rs16858622	A	0.0376
rs149632984	G	-0.0984
rs62146214	T	0.0577
rs71418781	A	0.072
rs6719427	G	0.0309
rs10165615	G	0.0312
rs147306472	C	0.2633
rs17482096	C	0.1969
rs4670736	C	0.0342
rs73955737	A	0.1055
rs17199221	A	0.0774
rs823245	C	-0.1466
rs74259065	C	-0.0658
rs72811724	A	-0.0943
rs13382412	T	0.1014
rs55793821	C	0.2492
rs145529681	G	0.0995
rs78613160	A	0.0655
rs16861701	A	0.0721
rs72822219	C	0.0679
rs10211382	T	-0.0717
rs60621447	A	0.1176
rs4355091	G	0.1334
rs1908971	A	0.0351
rs10198153	C	-0.0347
rs74708230	G	-0.1279
rs115362550	T	-0.1704
rs4953088	A	0.0364
rs72801047	G	0.044
rs2709437	C	0.0334
rs115299366	A	-0.1331
rs13410514	G	-0.0421
rs12467328	T	-0.1416
rs62175999	G	-0.0466
rs147928235	A	0.202
rs3113506	A	-0.0481
rs1509099	C	0.0416
rs2702068	A	0.0476
rs62130261	G	0.147
rs7580869	A	0.0481
rs6746662	C	-0.0549
rs116675889	G	0.1047

rs4474852	A	-0.062
rs72806468	G	-0.128
rs141377771	A	-0.1159
rs139765462	A	0.228
rs6746537	T	0.0316
rs893400	G	0.0315
rs7422799	A	-0.1878
rs143194510	G	0.1532
rs12469987	G	-0.049
rs12714409	T	-0.0519
rs76949688	C	0.2075
rs13386423	A	0.0783
rs2053365	A	0.1265
rs34929342	T	-0.0437
rs6756828	T	0.0372
rs114014715	A	0.0487
rs144066102	A	0.1705
rs162330	C	0.0309
rs2139311	A	0.0322
rs10187235	A	0.032
rs16851928	G	-0.2197
rs4520974	G	-0.041
rs116673937	A	-0.1206
rs12617667	G	0.0853
rs4386305	G	0.0606
rs2580329	T	-0.0597
rs76387374	C	0.2053
rs143114242	G	-0.2459
rs114329117	T	-0.1109
rs72861074	G	0.1605
rs116411438	G	0.1563
rs6754954	A	0.1006
rs77601801	G	0.1754
rs141085349	T	0.2209
rs143227416	G	0.1874
rs80051453	T	-0.1067
rs115566654	G	0.1441
rs74646943	G	0.1854
rs78497371	G	0.1518
rs75758489	C	-0.0689
rs13005516	C	0.0333
rs55827398	C	0.1939
rs79048985	T	0.0919
rs6718129	A	0.0339
rs11686697	A	0.1211
rs142093991	T	-0.0986
rs3791327	G	0.0506

rs149826889	C	-0.1223
rs72789119	T	-0.0985
rs116362644	T	0.1173
rs9989774	T	-0.155
rs767538	A	-0.0743
rs116315854	C	0.1432
rs10186572	C	0.0381
rs76466844	C	0.1744
rs548794	C	-0.0343
rs6723548	C	0.0355
rs1863813	C	-0.2635
rs75947593	T	-0.1103
rs114164202	G	0.1181
rs1117020	T	0.1634
rs62142026	A	-0.0535
rs1368897	T	-0.0349
rs116362479	C	-0.1628
rs873625	G	-0.033
rs10209034	C	0.0394
rs2448981	A	-0.0326
rs145335733	G	0.2389
rs1371826	T	0.0524
rs6541725	A	-0.0321
rs7608511	A	0.0308
rs6730316	C	-0.0334
rs116471510	C	-0.1634
rs1863803	T	-0.0335
rs149221462	T	0.116
rs965721	A	0.0381
rs995565	C	0.0444
rs74561615	A	0.0646
rs78954638	A	0.1948
rs543944	T	0.0321
rs139544135	T	0.2006
rs111938177	T	0.2976
rs6721990	T	0.0315
rs78680570	T	0.121
rs7606151	C	0.0343
rs1622980	C	0.0442
rs11684751	C	0.0318
rs139918676	G	-0.1155
rs17789111	G	0.0903
rs2292871	G	0.0329
rs2655455	A	0.0338
rs57696969	G	0.1667
rs2161020	G	0.0452
rs143005966	G	0.1457

rs139417058	A	0.1351
rs140673361	C	-0.0936
rs6734343	T	-0.0746
rs2972139	A	0.0381
rs1947309	T	0.0368
rs62191855	C	-0.0368
rs111749976	G	0.073
rs17468723	C	-0.2039
rs115763818	T	-0.1311
rs4663289	T	0.04
rs1290975	T	0.084
rs605008	C	-0.0377
rs77421561	C	0.184
rs6432104	A	-0.0478
rs11694862	G	-0.2513
rs13032788	A	-0.0587
rs4346446	T	0.0409
rs111830266	C	0.1786
rs150657962	A	0.1407
rs62194827	G	-0.0414
rs149140415	A	-0.1878
rs62136185	A	0.0596
rs115006485	T	-0.2677
rs147957045	T	-0.0701
rs877635	A	0.031
rs7564089	A	-0.034
rs7349418	C	-0.0317
rs77673675	T	-0.0762
rs13019217	T	-0.1003
rs79477224	G	0.1745
rs1437401	G	0.0379
rs4954485	G	0.0335
rs74468017	A	0.1477
rs79847257	T	-0.0695
rs72878862	C	0.1511
rs1120927	T	-0.0353
rs74843596	A	-0.091
rs10177615	A	-0.0387
rs7568376	G	0.107
rs10172221	C	0.0438
rs6719287	A	0.2604
rs72993680	G	0.1721
rs3769851	A	0.0479
rs151304312	G	-0.18
rs116783256	T	0.0696
rs35190664	T	0.0717
rs12463477	T	-0.0315

rs11096667	T	-0.0446
rs115093260	A	0.1788
rs75185226	G	0.0927
rs62178606	C	0.058
rs785313	A	0.1045
rs114783033	C	-0.1248
rs72783861	A	-0.0381
rs77856583	G	0.0636
rs147970557	G	0.2282
rs114957532	G	-0.0404
rs4637173	G	-0.0418
rs1430713	T	-0.0365
rs13007894	C	0.0929
rs143227262	C	0.125
rs1880746	A	0.0558
rs1821178	T	0.0554
rs35758221	A	0.0348
rs229335	T	0.0316
rs10490016	C	0.0751
rs2278778	G	-0.0347
rs113296452	T	-0.1856
rs7580181	T	-0.0425
rs13396189	G	0.1811
rs305163	A	-0.0348
rs72838890	C	0.2258
rs144978264	A	0.2165
rs11677737	C	0.1525
rs4954347	A	-0.0325
rs17039278	A	0.0706
rs4848758	G	-0.0449
rs11693676	G	0.0371
rs10932673	T	-0.0522
rs17013652	G	0.1426
rs80060933	T	-0.0954
rs113767806	T	0.1212
rs71424874	C	-0.157
rs6709419	T	-0.0398
rs34025957	C	0.1425
rs4671113	A	0.0682
rs34195041	A	0.039
rs34051935	G	-0.0444
rs112043850	G	-0.2895
rs11675757	T	0.0387
rs55826337	T	0.1637
rs76336171	T	0.0728
rs6741445	G	-0.0357
rs10164896	C	0.2516

rs4667702	C	0.0479
rs76594908	T	-0.1025
rs4669091	T	0.0562
rs2190386	G	-0.037
rs6750194	T	0.0906
rs62197661	T	-0.0701
rs114192440	A	0.1636
rs76803230	G	-0.1126
rs1596274	C	0.0466
rs9309731	A	0.0644
rs117213441	A	0.1421
rs62176382	C	0.1134
rs115460256	G	0.2613
rs77946397	T	0.1032
rs10865511	C	0.0343
rs74612796	A	0.1204
rs1009221	G	-0.0311
rs17577904	A	0.2473
rs6721866	T	-0.1117
rs56042265	G	0.0617
rs939817	T	-0.0342
rs7608333	A	-0.0343
rs2041666	T	0.043
rs143919387	T	-0.0352
rs114045501	T	-0.1296
rs74768681	T	0.1512
rs11675256	G	0.0589
rs12463897	T	0.0682
rs56881368	A	-0.037
rs146301561	G	0.1435
rs1445656	A	0.0534
rs10202682	C	-0.037
rs10183143	C	-0.0761
rs77015125	A	-0.1541
rs17443878	G	0.0554
rs17390927	A	-0.0369
rs114212270	C	-0.078
rs7577695	T	0.0344
rs77047697	T	0.0896
rs1250076	G	0.0334
rs116421027	A	0.0771
rs115728862	T	0.1066
rs144935066	T	-0.2614
rs6706043	G	-0.0326
rs79644533	A	0.0653
rs4330124	T	0.1032
rs847150	A	0.0422

rs147396890	T	0.1858
rs72843723	T	0.1411
rs75664785	C	-0.2444
rs2666996	T	0.036
rs113141792	C	-0.1976
rs62139521	A	-0.0444
rs3768864	T	0.0384
rs116515439	C	0.0693
rs12464651	G	0.038
rs77114471	A	0.118
rs925790	T	0.0965
rs116595834	A	0.2522
rs142251057	T	0.1887
rs17466455	A	-0.2541
rs1734440	T	0.0348
rs115180767	A	0.1544
rs115682423	C	0.1247
rs6749721	T	-0.0618
rs114631583	A	0.1203
rs114868618	G	-0.167
rs2704361	G	0.0311
rs732734	T	0.05
rs77875309	T	-0.0974
rs78218397	A	-0.3119
rs146350898	T	-0.0859
rs34369500	T	0.0585
rs72838509	C	0.0813
rs6709633	C	0.0498
rs72787143	A	0.0484
rs2242079	G	0.068
rs4676275	T	0.0449
rs12466155	C	-0.0327
rs55975430	C	0.1092
rs145197146	C	-0.1007
rs2058952	G	0.0484
rs72853313	T	-0.069
rs72841604	G	0.1316
rs13398226	T	0.0351
rs145639259	A	-0.2483
rs143283302	G	0.0858
rs116320474	T	0.1435
rs151215234	A	-0.2409
rs13009406	A	-0.0311
rs148465423	A	0.0342
rs283822	G	0.0332
rs12624159	T	0.1327
rs642472	C	0.0322

rs12694932	C	-0.0523
rs12617588	G	0.0557
rs6747038	T	-0.1104
rs62135612	C	0.137
rs116343952	T	-0.0823
rs11895321	G	-0.0435
rs62158587	A	-0.0941
rs13425819	A	-0.1959
rs1435847	T	0.0316
rs150064991	T	0.2108
rs11901070	C	0.0404
rs79394460	C	0.0827
rs10496399	C	-0.0374
rs45551438	C	-0.1822
rs147657701	C	0.1214
rs111551884	G	-0.1749
rs76568065	T	-0.1444
rs78780122	A	0.1105
rs6727480	G	0.0369
rs60471431	T	0.1608
rs140255045	T	-0.1575
rs115509052	C	0.1311
rs114248375	T	-0.1676
rs13396705	T	0.0399
rs140373851	G	0.2026
rs6710339	C	-0.0342
rs114729885	G	0.096
rs75768577	C	-0.144
rs116985851	A	0.0992
rs72844537	G	0.1598
rs1368087	G	0.0332
rs143486401	C	-0.1659
rs12617206	G	-0.106
rs56801221	C	0.1853
rs6739620	T	-0.0422
rs115829485	A	-0.1176
rs56119811	T	0.0435
rs78417668	C	-0.0666
rs146856352	G	-0.1179
rs1913428	A	0.0379
rs10196185	G	0.0333
rs73974137	T	0.0513
rs146485080	G	0.2172
rs78859824	A	0.2105
rs114323931	C	-0.1599
rs72831808	C	-0.1147
rs10176037	G	-0.0308

rs114705158	T	0.1769
rs72816329	C	0.0452
rs1478645	G	0.0391
rs1975554	T	0.0391
rs1729888	T	-0.0505
rs116655365	C	0.1451
rs13000757	T	-0.0311
rs10928169	G	-0.0315
rs72963855	G	0.1641
rs4591389	G	-0.0431
rs4429412	A	0.0744
rs7572753	C	-0.0348
rs28483093	G	0.0519
rs4952901	T	0.0308
rs114875666	T	0.0816
rs62188077	T	0.0532
rs77605217	G	0.0902
rs7562462	T	-0.0313
rs13421222	A	-0.0421
rs17364234	A	-0.0696
rs78564420	A	-0.0841
rs79279261	C	0.0738
rs138041649	A	-0.1076
rs34186074	C	0.0319
rs36089022	C	-0.058
rs113735819	C	-0.1027
rs35584480	A	0.1455
rs281469	C	-0.0418
rs17041196	C	-0.069
rs2528588	A	-0.0372
rs35151979	G	-0.0559
rs13407074	T	-0.0437
rs4630742	T	0.0314
rs6731439	A	0.076
rs142177921	G	-0.1521
rs79900522	C	0.1442
rs6705480	C	0.0589
rs72802167	A	0.093
rs35555322	T	0.1412
rs114885431	T	0.1756
rs77928678	G	0.24
rs58540116	T	-0.0948
rs72862397	C	-0.0441
rs145282699	A	0.211
rs11693929	T	0.044
rs62176909	T	-0.0581
rs72810176	A	0.2024

rs4854507	T	0.0331
rs79514776	G	0.1016
rs115973548	T	-0.0932
rs146968465	T	0.2149
rs80193301	G	0.1322
rs9967803	G	0.0518
rs116154690	A	0.1252
rs373857	A	0.0311
rs6739873	G	0.0496
rs56040758	C	0.0401
rs74662398	A	0.0943
rs4971744	T	0.0336
rs78368718	C	-0.1763
rs11684993	T	0.0316
rs55784685	G	-0.0925
rs733501	C	0.1591
rs72840619	T	-0.2063
rs357736	C	0.0474
rs113075902	T	0.1259
rs55886356	G	-0.184
rs10182928	A	0.0336
rs138699480	C	0.0948
rs17247006	A	0.0478
rs113096863	C	-0.233
rs115117372	G	0.1429
rs111514227	A	-0.0985
rs2966383	A	0.0566
rs11888820	G	0.0382
rs7593100	T	0.0579
rs1146038	A	-0.0557
rs10201978	C	0.0516
rs10184391	C	0.0752
rs112056971	T	-0.1633
rs4241282	T	0.0485
rs79716367	A	-0.1425
rs28387159	T	0.0567
rs11685813	G	-0.0332
rs10192995	T	-0.0438
rs16840302	C	-0.0569
rs79369060	T	0.2914
rs114044328	C	0.1802
rs140059347	T	-0.1264
rs2765934	A	-0.0668
rs35863506	A	0.0489
rs6746026	C	-0.0406
rs7568580	T	-0.052
rs6759409	T	0.0816

rs1820924	T	-0.0405
rs72858284	A	-0.1395
rs76652761	C	-0.0479
rs76876403	G	0.11
rs4672007	C	0.0567
rs4594412	T	0.0375
rs115732783	A	0.1233
rs149646413	G	-0.1517
rs79864165	G	0.1474
rs77391586	A	0.0746
rs4953620	C	0.035
rs77932832	A	0.207
rs7579531	T	-0.0928
rs7609362	C	0.0404
rs6746771	G	0.0515
rs78263562	A	0.1778
rs149266292	A	-0.1289
rs71411843	C	0.0611
rs12466995	G	0.0349
rs62153600	T	0.1001
rs77293341	C	0.118
rs72773013	T	0.0695
rs114355204	C	0.1093
rs1519802	A	0.0421
rs429340	A	-0.0341
rs2034259	C	-0.0442
rs967725	A	0.1031
rs1024688	G	0.0537
rs114797027	C	-0.1189
rs4332915	A	0.0397
rs2652450	G	0.0311
rs6711659	A	-0.1003
rs114252768	C	0.1534
rs74417427	A	0.103
rs17536092	C	0.1868
rs114230884	A	0.1942
rs13019159	A	0.1228
rs4673802	G	-0.0338
rs147544339	G	0.1241
rs311998	T	-0.0501
rs145324131	G	-0.2532
rs78544823	C	-0.0846
rs13427499	C	0.0402
rs114746803	C	0.2794
rs142926639	C	-0.1406
rs62148679	T	0.2088
rs76877923	G	0.0667

rs115344996	T	0.205
rs114409718	G	-0.1509
rs1990703	A	-0.0972
rs116840679	C	0.2068
rs4539784	C	-0.0326
rs79098878	T	-0.1885
rs113457375	A	0.1457
rs12714397	A	0.0531
rs3789085	G	0.0302
rs6743107	T	0.0339
rs114752964	T	-0.1672
rs13019502	C	0.1625
rs76964577	C	0.1136
rs2044959	T	0.0375
rs62183700	C	0.0335
rs145760237	C	-0.0902
rs74350038	G	0.0911
rs16829231	C	-0.039
rs80029047	A	0.0833
rs55814236	T	-0.0802
rs115049412	T	-0.0752
rs16839552	A	0.1508
rs147460545	A	0.1642
rs6545450	C	0.0361
rs60261016	A	0.1011
rs17397220	A	-0.0804
rs12616495	G	0.0344
rs11696044	A	0.0584
rs16853723	C	-0.0453
rs111663132	A	0.1733
rs145169831	A	-0.2017
rs62178643	T	0.0836
rs12994923	G	0.0575
rs77917748	A	0.129
rs13024256	G	0.0352
rs6541990	C	0.033
rs114956296	A	0.1369
rs148620871	T	0.1587
rs77686960	C	0.0726
rs6732624	G	-0.0475
rs74755467	G	0.0916
rs7740	T	0.0647
rs6718366	A	0.142
rs77159903	C	0.1526
rs1159593	C	-0.0347
rs13009600	A	-0.0312
rs115880776	T	0.165

rs7609289	C	-0.0958
rs12476100	T	0.0326
rs113317209	T	-0.1051
rs75982532	A	0.1365
rs1878280	G	-0.0301
rs2303428	C	-0.053
rs10164555	G	0.0315
rs78881066	T	0.0951
rs72792598	A	-0.1022
rs7592956	T	-0.0401
rs73954985	T	0.1395
rs10179662	T	-0.0325
rs111432326	T	0.0805
rs4459724	A	0.0517
rs141797136	G	0.1819
rs72837842	A	-0.0476
rs141857239	A	-0.1393
rs115312698	C	-0.077
rs7585751	T	-0.0596
rs17044985	G	0.048
rs12999908	C	-0.0576
rs12994520	T	0.0753
rs2167433	G	-0.0335
rs75751262	A	0.0567
rs138793796	T	0.172
rs1550380	T	0.0478
rs72985795	G	0.1168
rs77363583	G	0.0444
rs1030295	T	-0.0322
rs114620309	C	0.1132
rs6761891	C	0.0377
rs139265447	T	0.1347
rs1542271	G	0.0294
rs76822172	G	-0.115
rs116573894	T	0.1129
rs71407540	A	-0.0754
rs114483067	T	0.1593
rs72879536	C	-0.0435
rs116707100	C	-0.0916
rs13415790	C	-0.043
rs13432204	A	0.0391
rs71422591	G	0.0565
rs116691208	A	-0.146
rs77112071	A	-0.0659
rs77449817	T	-0.046
rs16866559	G	0.1201
rs2056642	C	-0.0313

rs2577261	T	0.0978
rs4848490	T	-0.0374
rs4953885	T	0.1602
rs2009741	A	0.1266
rs17031432	G	-0.047
rs4453701	C	-0.0459
rs6429855	T	0.036
rs306188	T	-0.0341
rs114763203	T	-0.079
rs16860965	G	-0.0473
rs34629660	G	0.1295
rs116196860	G	0.0994
rs76045288	A	0.0685
rs17036890	T	0.066
rs11674098	T	0.1076
rs77234474	C	0.196
rs146722146	T	0.0992
rs78485872	T	-0.1174
rs12693022	G	-0.0523
rs72875851	T	0.1223
rs2541004	T	0.03
rs72905384	C	-0.1326
rs1430195	G	0.0337
rs12994442	C	0.032
rs80223913	G	-0.0971
rs10169255	T	0.0466
rs371825	G	-0.0632
rs114041668	C	0.1089
rs138598377	G	0.1467
rs76224264	C	-0.0653
rs2954802	T	-0.0753
rs10193788	A	-0.0762
rs1437908	C	0.072
rs76128162	G	0.1069
rs56194624	A	-0.0954
rs112954812	G	0.1056
rs140823096	C	0.0629
rs7601811	G	-0.0546
rs1714950	C	-0.0371
rs114854005	T	-0.0859
rs62106294	A	0.1037
rs77901164	A	-0.0748
rs1430214	A	-0.0523
rs143359612	A	-0.1427
rs145158510	T	0.0961
rs139279144	C	0.2123
rs10187793	C	-0.1113

rs7588601	T	0.0393
rs1808718	T	0.0453
rs1869088	T	-0.0493
rs35444703	A	0.0296
rs9941545	C	0.1132
rs796283	T	-0.0303
rs62162701	T	-0.0441
rs60484335	C	-0.0349
rs2194725	C	0.1217
rs10183121	A	0.0298
rs144257616	G	-0.3257
rs11686658	T	-0.0376
rs142305054	G	0.2415
rs56411018	C	0.1045
rs4927574	G	0.1557
rs1400891	A	0.0339
rs57647685	G	0.0457
rs76564933	A	0.1178
rs115426627	A	-0.2306
rs148152058	A	0.2312
rs139570728	A	0.2089
rs2193218	A	0.0356
rs6734321	T	0.0331
rs11895305	C	0.0455
rs13419195	T	-0.0494
rs73006300	A	-0.0732
rs2218495	T	0.0449
rs16982725	T	-0.0924
rs35064954	T	-0.164
rs550619	G	0.0506
rs2553634	A	-0.0307
rs72983571	T	0.1591
rs116500860	A	-0.1129
rs13390788	G	-0.0477
rs56069757	A	0.0365
rs3992945	A	0.0948
rs1601506	G	0.0406
rs55851898	G	0.0499
rs6709363	G	-0.0645
rs79669124	A	0.2347
rs148408558	A	-0.1603
rs950920	T	0.0822
rs138851573	C	0.1305
rs116156044	T	0.2696
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rs114721669	A	-0.1471
rs111444533	G	-0.1841

rs73008605	T	0.089
rs75675489	C	-0.2049
rs4355112	A	-0.0626
rs434276	A	-0.0303
rs139634475	C	0.1255
rs7420144	G	-0.0337
rs10803744	G	0.0446
rs12470677	T	0.0805
rs7578482	C	0.0384
rs80224102	A	-0.052
rs55694679	T	0.09
rs703297	T	0.0304
rs76846090	A	-0.1707
rs142839583	C	0.1455
rs62173715	G	-0.1909
rs112268502	A	0.1758
rs59483741	C	-0.0405
rs115191045	A	0.1332
rs1947571	A	-0.0293
rs62195309	A	0.0751
rs6736604	A	0.0416
rs6722220	C	0.0307
rs150780055	T	0.1165
rs78746803	T	0.2214
rs6731582	T	-0.0297
rs72781953	A	-0.0745
rs72985720	G	-0.17
rs77671873	G	-0.1197
rs1597418	A	0.0315
rs116357370	G	-0.1458
rs1729087	C	-0.0518
rs10460291	A	0.0705
rs147260256	G	0.113
rs62133665	A	0.1314
rs55925656	C	0.0569
rs2018434	C	-0.1253
rs139204957	A	0.2337
rs79953241	C	0.3566
rs56008709	C	-0.1257
rs934241	A	0.0431
rs144939129	T	0.0919
rs78705243	A	0.1431
rs78572502	A	-0.122
rs78849092	T	0.0756
rs62176487	T	0.0499
rs71417433	A	0.1145
rs7605769	C	0.0299

rs116696338	A	-0.1581
rs79424275	G	-0.1734
rs4848692	G	0.0293
rs75192573	G	-0.0841
rs79821144	T	0.085
rs10174165	T	0.0594
rs6543760	C	0.0331
rs114142302	A	-0.137
rs76609466	T	-0.2007
rs116136826	T	-0.1069
rs1022121	C	-0.0591
rs6734226	G	-0.0306
rs79058899	G	0.1
rs113229104	G	-0.164
rs13417230	A	0.041
rs7420474	T	0.1026
rs75965153	G	0.2246
rs4442955	G	0.0346
rs12987929	G	-0.0807
rs10933379	C	0.0307
rs58527121	C	-0.0836
rs115969757	C	0.0984
rs275414	G	-0.0342
rs145471583	G	0.2298
rs4353696	C	-0.0669
rs7603408	C	-0.0603
rs56215822	T	-0.1133
rs80335304	T	0.2139
rs10179702	G	-0.0509
rs77736861	G	0.0402
rs13408772	T	-0.0322
rs139141063	C	0.1469
rs6548077	T	-0.0587
rs79103577	T	0.1587
rs6721141	G	0.0366
rs7608315	C	-0.0299
rs72824567	G	0.0651
rs139649350	T	0.1532
rs1439804	T	0.0402
rs78035344	G	0.1925
rs7570678	C	0.0519
rs1435578	T	-0.03
rs75878478	T	-0.1027
rs10498001	T	-0.0451
rs111666258	C	-0.1315
rs28758503	A	0.0438
rs62187973	C	0.0568

rs6706030	G	-0.0306
rs78256138	A	0.2497
rs4674231	A	-0.188
rs6430796	G	-0.0313
rs149616149	A	0.163
rs754330	A	-0.1047
rs2381575	C	0.0347
rs79038462	A	0.1021
rs1151800	G	-0.0365
rs11887797	G	0.06
rs1250062	G	-0.0557
rs79333284	G	0.1483
rs996740	T	0.1212
rs74660700	T	0.1637
rs13419959	C	-0.0357
rs115770602	T	-0.112
rs78555083	A	-0.1272
rs72834462	G	-0.0645
rs2052626	G	-0.0456
rs62126416	T	-0.0871
rs145162712	T	0.1305
rs7599466	A	0.0302
rs11675026	C	0.0385
rs16863312	T	0.0909
rs78623688	C	0.1649
rs7568939	T	0.2242
rs2043876	A	0.0604
rs72920507	G	-0.0793
rs4330060	A	0.0312
rs114717333	G	0.149
rs114881906	C	0.2632
rs13421437	T	-0.0848
rs949674	A	-0.1704
rs114170957	T	0.1579
rs855047	T	0.0339
rs11903043	A	0.0761
rs61261636	G	0.0299
rs116657049	T	-0.131
rs138381224	C	-0.2161
rs17445680	T	0.0465
rs115853211	T	-0.1386
rs36193600	A	-0.0352
rs698779	G	-0.0567
rs1465820	G	0.0316
rs79665267	C	0.1766
rs778188	G	0.0428
rs118004979	T	-0.1578

rs142901511	C	-0.1451
rs6756937	T	0.041
rs57577926	T	0.0703
rs10933329	C	-0.0307
rs114233918	A	0.2281
rs72798919	G	0.0772
rs77304930	A	0.0607
rs55770141	C	-0.0758
rs13382285	G	-0.0338
rs116438652	A	-0.1198
rs150612228	C	-0.1007
rs10176121	C	0.0301
rs114462772	A	0.1499
rs150796625	A	0.1966
rs13384101	A	-0.0482
rs75601536	G	0.2487
rs72941844	C	-0.0882
rs13033389	T	0.0497
rs72877304	T	0.2808
rs149436423	T	0.146
rs4024576	C	-0.0308
rs13005428	G	-0.0871
rs35407683	A	0.1075
rs4450661	G	0.0315
rs142171507	T	0.1553
rs143964780	T	0.2089
rs35290835	T	0.0897
rs17014803	T	-0.0538
rs7601054	T	-0.0457
rs34467783	C	-0.0744
rs72963262	C	-0.1218
rs111358020	A	0.1076
rs7590896	C	-0.0307
rs7567269	A	-0.0663
rs72805598	A	0.1694
rs62161541	T	-0.1108
rs55833866	G	0.1653
rs80287741	G	0.0493
rs6437301	C	0.0567
rs4851075	T	-0.0311
rs6726699	A	-0.0592
rs4852887	A	0.2117
rs56343802	T	-0.0331
rs10188533	C	0.0306
rs113461569	C	0.16
rs6716872	A	0.0341
rs10207573	C	0.0566

rs115111670	T	0.1354
rs141237068	A	0.1348
rs61628485	C	0.0562
rs79469928	C	-0.149
rs6742549	A	0.0296
rs6708787	G	0.0833
rs2192568	C	0.109
rs72992575	G	0.0973
rs13033168	A	0.0538
rs112444624	C	-0.1091
rs79313284	A	-0.112
rs115178827	A	-0.1189
rs137957682	C	0.1043
rs4670571	C	-0.0502
rs72895351	G	0.0899
rs4670047	T	0.0377
rs62120004	G	0.1276
rs34412180	C	-0.0403
rs76464725	C	-0.2625
rs11124762	G	0.0305
rs7600002	A	-0.031
rs17744573	G	-0.0706
rs13020404	C	-0.0446
rs74381984	A	0.192
rs143440184	C	0.2846
rs114743196	T	0.143
rs4971588	C	0.0301
rs60048610	A	0.0517
rs114045461	A	-0.0991
rs4303682	T	-0.0762
rs146445345	C	-0.1594
rs13022783	T	-0.1387
rs74505060	G	-0.0629
rs10175765	G	-0.03
rs116168933	A	-0.1208
rs146936425	C	0.188
rs35432564	A	0.1244
rs76351148	A	0.0766
rs34185798	A	0.1918
rs116726148	G	-0.1023
rs76790403	T	0.1495
rs1978346	G	0.0309
rs72796940	G	0.0628
rs7421353	T	-0.03
rs146063074	C	0.1099
rs62175494	C	0.0644
rs7600998	G	0.0547

rs4668632	A	-0.0395
rs114198076	T	0.1332
rs6733533	A	-0.0318
rs12104609	T	-0.2158
rs12464184	A	-0.0572
rs151160320	G	-0.1995
rs116290954	G	-0.1595
rs74375764	A	0.0865
rs78612521	T	-0.1631
rs79684655	C	-0.1794
rs7584267	G	0.039
rs1404773	A	-0.0625
rs6712413	G	-0.0291
rs150519328	C	0.1022
rs784554	T	-0.0541
rs112586403	T	0.1565
rs72793701	A	-0.0925
rs138678216	G	-0.0394
rs1427695	A	-0.0879
rs62140510	A	0.1325
rs13002138	G	0.0541
rs113780495	A	-0.1222
rs28730854	T	0.1078
rs144958291	T	-0.1573
rs58025064	G	0.0659
rs114992737	G	0.1506
rs17188518	C	-0.0402
rs6433145	G	0.1974
rs12614900	C	0.2013
rs11898648	A	0.0321
rs4332965	A	0.0344
rs144588296	A	0.14
rs75663443	A	-0.2128
rs75991765	T	-0.1139
rs111731674	C	0.1118
rs116494708	C	0.1567
rs72980095	T	0.1041
rs73964022	A	0.0398
rs6716290	G	0.0357
rs13383793	C	0.0489
rs1484483	C	0.0469
rs1406665	C	-0.0353
rs2192719	G	0.1574
rs4848941	A	-0.041
rs4405778	C	-0.043
rs11681215	G	-0.1027
rs111447601	T	0.1287

rs76020680	T	-0.0595
rs591606	G	0.0443
rs78571755	G	0.1193
rs6726947	G	0.0391
rs113486169	T	0.1952
rs77655283	G	0.0587
rs115146761	G	-0.1553
rs112968872	G	0.1006
rs3980660	T	0.0311
rs2356963	C	0.1087
rs56349594	G	0.1254
rs76716846	A	-0.1247
rs77709788	T	-0.1327
rs62201158	G	-0.0737
rs11902457	C	0.1406
rs732170	G	-0.0796
rs1559644	T	0.0311
rs16828712	T	0.0424
rs7596575	G	0.0535
rs111976017	T	-0.1082
rs1036294	C	0.0336
rs10932935	C	0.0345
rs4671716	C	0.0668
rs2161981	C	0.2149
rs4952740	T	0.0289
rs144834600	G	-0.1496
rs1199033	T	0.0313
rs143344891	G	-0.1711
rs147939542	G	0.158
rs140416918	C	0.1472
rs12619209	C	0.1079
rs116760026	G	0.1565
rs72924581	C	0.1416
rs2356350	G	0.0295
rs13417802	G	-0.0343
rs150199180	A	-0.1466
rs7368874	T	-0.1519
rs10197959	A	-0.0303
rs76859228	C	-0.0397
rs17835248	A	-0.1595
rs16830706	T	0.1907
rs58717749	T	0.0322
rs75377488	C	0.1826
rs62178755	A	0.0367
rs4438434	A	0.1394
rs1179713	G	0.0339
rs1155886	A	0.1015

rs1440075	G	-0.0344
rs11676879	G	0.0677
rs62279335	T	-0.0821
rs73000657	C	-0.0815
rs16863226	G	0.0391
rs62170669	A	0.0447
rs141747508	T	0.1213
rs144614914	T	0.1034
rs34732772	T	0.0795
rs76697759	A	-0.1356
rs147287512	A	-0.1982
rs72783126	C	0.0433
rs72916033	C	-0.0595
rs114597327	G	0.1191
rs116868306	G	0.099
rs4851524	T	0.1851
rs1362256	T	-0.0299
rs76925832	T	0.2617
rs262498	A	0.034
rs6435548	T	0.0332
rs115545257	G	-0.1132
rs6749840	A	-0.1116
rs1866568	T	-0.1356
rs28635091	C	0.031
rs3897999	G	0.081
rs76472139	A	0.1816
rs59655971	A	-0.0456
rs75739412	T	0.0634
rs78750321	A	-0.1458
rs1672095	G	-0.0532
rs13012647	C	-0.0977
rs138926754	C	-0.187
rs13415017	C	-0.0389
rs10187595	T	0.217
rs12988938	G	0.0428
rs6731916	T	0.0336
rs116123210	T	0.1275
rs4487117	C	-0.0452
rs11127439	C	0.0471
rs58011443	T	0.0907
rs7572289	A	0.0429
rs148238549	A	0.1316
rs6433221	G	-0.0432
rs11678658	G	0.032
rs116048425	T	0.1609
rs17869088	G	-0.074
rs76837624	T	-0.1174

rs13391772	A	0.047
rs142498165	A	-0.2062
rs12988127	T	0.0404
rs66638761	A	0.041
rs6710236	G	0.0322
rs12470484	A	-0.0326
rs71421685	T	0.1018
rs114729494	G	0.1013
rs147102115	A	0.1058
rs1553032	C	0.0324
rs78004032	C	-0.1746
rs11897825	G	-0.0407
rs114891547	C	-0.198
rs6431004	C	0.0409
rs78387517	C	0.0437
rs35785175	C	-0.251
rs4852371	G	-0.0314
rs61265305	T	0.0635
rs58927410	A	-0.0652
rs35972532	A	0.0743
rs78473941	T	-0.1598
rs144957047	G	-0.2162
rs2090035	A	0.029
rs10204443	T	-0.103
rs55720389	G	0.1981
rs116783643	C	0.2384
rs1517645	C	0.0408
rs10514649	A	-0.0506
rs10198209	T	0.1238
rs78246538	G	0.0534
rs75814252	G	-0.1849
rs823543	T	-0.029
rs72617008	A	0.0364
rs72826026	T	-0.1308
rs112176960	T	0.1316
rs112949160	T	0.1833
rs75428935	T	-0.0663
rs73992621	A	0.0602
rs62131028	T	-0.1796
rs114124763	G	-0.0751
rs6750400	C	0.0339
rs810854	G	-0.0344
rs114413253	C	-0.1855
rs6704919	A	0.055
rs76681498	T	-0.0477
rs138570410	A	-0.3129
rs4672391	A	-0.038

rs563763	T	-0.038
rs13384679	A	-0.0343
rs2247030	T	-0.0368
rs79518018	T	-0.1352
rs60900435	T	-0.0318
rs73955839	G	0.0926
rs146120572	C	-0.1212
rs143341504	A	0.1136
rs1864806	A	-0.0508
rs76562458	A	0.1041
rs114300376	T	0.1214
rs10185414	C	0.1359
rs17538082	C	-0.0336
rs35759356	A	0.1468
rs74588987	T	-0.1897
rs10460331	T	-0.2106
rs10190396	A	-0.029
rs13013882	G	-0.0381
rs144135071	T	0.1043
rs77828008	C	-0.1286
rs114952970	T	-0.1452
rs12612050	A	-0.0286
rs13027617	C	0.0471
rs10208323	T	-0.1464
rs80093030	G	0.1269
rs12617218	A	0.0328
rs12986742	C	0.0292
rs1349515	G	0.03
rs35131486	A	-0.0365
rs76847828	G	0.0888
rs72621677	A	0.1704
rs114098256	T	0.1856
rs62153265	C	-0.0339
rs72807157	C	-0.0773
rs75155963	G	-0.2352
rs12998674	T	0.0937
rs6757800	G	0.0551
rs77549334	G	-0.0942
rs115466729	C	0.1281
rs62164103	C	0.0941
rs34626524	C	-0.1737
rs113614968	T	0.1086
rs6735427	T	0.0423
rs10188887	T	-0.0424
rs16858811	C	0.0804
rs6713533	C	0.0377
rs55841309	G	0.0474

rs4669458	C	-0.0348
rs146190379	T	0.2342
rs7593535	C	0.0365
rs74778108	G	0.185
rs113214666	C	-0.1139
rs13403269	G	0.1188
rs73019330	G	0.1376
rs113553580	T	0.1791
rs137858828	T	0.1606
rs12615565	A	0.0307
rs76114360	T	-0.2413
rs2412047	T	-0.0365
rs150699	A	-0.082
rs72983211	T	-0.1662
rs77191956	T	0.0461
rs1659704	T	-0.0486
rs831002	T	0.0374
rs1528219	C	-0.0388
rs78384255	G	0.1071
rs17478779	C	0.1301
rs11682064	C	-0.0376
rs869162	G	-0.0735
rs77671962	A	-0.2325
rs13417860	A	-0.0843
rs35811890	T	-0.172
rs147809461	G	-0.0847
rs142619521	T	-0.097
rs1394793	T	0.0319
rs617222	G	0.035
rs115561420	C	0.1956
rs113560393	T	0.1038
rs13033112	C	-0.178
rs62178290	T	0.0787
rs6737235	T	0.3028
rs75548305	C	0.0791
rs78836221	T	0.0739
rs75558284	T	-0.0536
rs75576950	T	-0.0542
rs17041596	C	-0.1114
rs150576224	T	-0.1639
rs727412	T	0.033
rs10930354	A	0.044
rs4080622	A	-0.1023
rs116556698	C	0.1863
rs114451627	C	-0.0833
rs17835319	A	0.0502
rs74961705	T	0.0801

rs7605105	T	0.0523
rs17640676	T	-0.0319
rs35677782	A	0.1015
rs3849328	A	-0.0473
rs10168524	C	0.0833
rs352892	A	0.0293
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rs75084759	C	0.1244
rs333213	G	0.0312
rs115550173	A	0.178
rs76999641	C	-0.0744
rs6717866	A	-0.0389
rs2159728	T	-0.0598
rs112093980	A	0.1151
rs74728835	A	-0.1468
rs12105764	A	-0.0387
rs1372256	T	0.0359
rs4664332	G	0.0319
rs138900118	A	0.1686
rs4672617	G	-0.0348
rs74899875	T	0.0852
rs3770545	C	-0.0392
rs61634079	A	0.065
rs79510662	A	-0.2095
rs36073549	A	-0.117
rs841452	C	-0.0578
rs140946803	A	-0.1101
rs73023570	A	0.0445
rs115163465	G	0.1622
rs74558093	G	-0.0864
rs4851953	G	-0.0665
rs72797391	A	-0.0689
rs12621960	T	0.0379
rs78173854	G	0.112
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rs138657410	G	0.1583
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rs148131090	A	-0.1339
rs76543431	G	0.0398
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rs10170496	T	0.046
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rs77459445	T	0.0484

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rs138957964	G	0.2339
rs113226732	A	-0.1104
rs72816180	G	-0.1234
rs36065273	T	0.0864
rs72884055	T	0.1155
rs3771832	A	0.0285
rs115567723	T	-0.1455
rs4078026	C	-0.0611
rs35104020	A	-0.0308
rs114725815	A	0.0949
rs1019293	A	0.0924
rs7584105	C	-0.0324
rs34168317	T	-0.097
rs7608411	A	0.0526
rs144467472	A	-0.1728
rs145667268	C	0.1906
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rs4233633	C	-0.0423
rs78348143	A	-0.1522
rs6741552	A	0.053
rs79484021	A	0.058
rs13424351	G	0.0324
rs268077	A	0.0289
rs1564935	C	-0.03
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rs6749598	T	0.0347
rs79423523	C	-0.1187
rs11903824	G	-0.0333
rs75732982	A	-0.1504
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rs11887744	T	0.0548
rs6719442	A	-0.0325
rs7572357	T	-0.0947
rs142986248	A	-0.104
rs6746255	A	-0.0303
rs74447281	A	0.1082
rs7570821	T	-0.0663
rs10929021	T	-0.0348
rs62173044	C	0.0339
rs78366677	A	-0.1012
rs77196557	A	0.1343
rs116573706	T	-0.1149
rs59425012	G	-0.0402
rs3771099	G	-0.0293
rs77527063	T	0.236

rs79708797	A	-0.1178
rs11695545	C	0.0538
rs77947590	C	0.0839
rs114306362	C	0.1652
rs75230902	T	0.0544
rs17829022	G	-0.0291
rs78484696	G	0.1573
rs72824093	C	-0.1737
rs73184868	C	0.0882
rs6745936	G	0.0438
rs114361423	C	0.1569
rs10208992	G	-0.05
rs74833228	C	0.1237
rs76903795	A	0.2099
rs79918115	G	0.1155
rs7589322	A	-0.0483
rs79898112	T	0.09
rs6758513	C	0.1406
rs77418820	A	0.0735
rs13003401	G	0.0408
rs72625284	A	0.0537
rs3754899	C	-0.0291
rs35716625	A	-0.0937
rs34116096	A	0.0358
rs7578086	A	0.0597
rs7575071	C	0.0309
rs12477128	A	-0.037
rs145321633	C	-0.151
rs75693491	A	-0.1871
rs80299373	T	0.0693
rs72549460	G	-0.1207
rs10166800	G	-0.0414
rs76710549	T	-0.0322
rs114652940	C	0.1723
rs78863322	G	0.1384
rs13421785	G	0.0364
rs149819966	T	-0.1552
rs12620067	C	0.0408
rs11125112	T	-0.0823
rs7563120	A	0.0911
rs74339509	G	0.082
rs80077633	C	0.2411
rs149786140	C	0.0795
rs74595239	T	-0.1199
rs10182781	T	-0.0329
rs114523980	C	0.1377
rs74789260	A	-0.1389

rs148558595	G	0.2265
rs116348414	G	-0.1242
rs115824720	C	0.1693
rs1565853	C	0.0295
rs4462764	G	0.0326
rs115090963	G	0.1894
rs2587658	A	0.0421
rs2177484	G	-0.0306
rs35942723	C	0.1238
rs1447197	T	0.1147
rs1734411	T	0.0317
rs13393559	C	0.0348
rs77506587	T	0.0812
rs75911234	G	-0.0963
rs921533	A	0.0311
rs75808943	G	0.0853
rs34158890	A	-0.0948
rs76740047	T	-0.1307
rs59425790	C	0.2131
rs114618992	A	-0.1464
rs71413184	G	0.1051
rs80332292	T	0.1252
rs3770560	A	0.0442
rs34648452	G	-0.0366
rs77037167	A	0.1539
rs1486957	G	0.0297
rs75891557	A	-0.1635
rs55960424	C	-0.1318
rs1147117	T	0.0315
rs6728245	T	-0.0348
rs77062971	T	-0.1864
rs17027306	C	-0.1612
rs115261631	C	-0.1468
rs4440020	G	-0.0435
rs35742507	G	-0.0404
rs12470997	G	0.0324
rs74629925	C	0.1549
rs115144885	A	0.1367
rs11897595	T	0.0361
rs16838219	C	-0.0345
rs112290343	G	-0.1532
rs34419969	A	0.0325
rs2114750	G	-0.0533
rs10170575	T	-0.0478
rs76708051	G	0.1376
rs79869035	A	-0.1814
rs78125971	C	0.1015

rs145358400	T	-0.2277
rs7583792	C	0.0284
rs115126367	A	-0.115
rs115039172	T	0.1938
rs1219690	T	-0.0636
rs4853066	A	0.0357
rs17232021	A	0.0317
rs116357373	G	0.096
rs34704586	G	0.0374
rs76260295	A	-0.1524
rs1400733	G	0.0314
rs10176282	G	0.0293
rs4662370	T	0.031
rs35256947	C	0.0328
rs140509085	C	0.2501
rs62106600	C	-0.0429
rs2338545	G	0.0367
rs9679173	T	0.0478
rs12465531	C	0.0306
rs144820102	C	-0.1419
rs2009834	A	-0.0472
rs115845300	T	0.1217
rs13032406	G	0.0514
rs13016567	A	0.0354
rs4663085	G	-0.045
rs79694723	T	-0.0813
rs138336475	G	-0.1811
rs17377128	T	0.0418
rs79527782	A	0.1523
rs13005432	A	-0.1545
rs4850452	T	-0.0354
rs4575712	C	-0.0477
rs72846803	T	0.0594
rs62184818	T	0.1491
rs11893829	A	-0.1006
rs72835697	C	0.0423
rs17576630	A	0.117
rs35704069	C	0.0591
rs6746107	G	0.0382
rs11694919	T	0.0295
rs6734883	T	0.093
rs116602555	C	0.1256
rs6740686	T	0.0351
rs907109	T	-0.0377
rs16839849	T	0.128
rs12990396	G	0.0848
rs55881154	T	0.0335

rs4852514	C	0.0715
rs2884142	T	-0.0391
rs4665122	C	0.037
rs72796509	T	0.1041
rs72835599	A	0.1287
rs78222562	T	0.2284
rs76169138	T	0.0948
rs2278739	G	0.056
rs62182625	C	0.0327
rs6752576	G	0.0429
rs113203338	G	-0.1402
rs2110937	T	-0.0331
rs11695991	C	0.0958
rs6717303	C	-0.0421
rs7579295	G	0.0676
rs79796331	A	0.0753
rs79781626	C	-0.0675
rs137937826	C	-0.1676
rs116472230	G	0.1062
rs1898986	C	0.0281
rs145384639	A	-0.1806
rs4491719	C	-0.152
rs13397476	T	-0.0397
rs4662867	A	0.075
rs74393709	G	-0.0693
rs114839650	A	0.1594
rs12991423	G	0.0524
rs895519	C	-0.043
rs115148588	G	0.1835
rs13397689	C	-0.0419
rs146118130	T	-0.0921
rs55819851	A	-0.0409
rs147736972	G	0.2265
rs111816095	C	-0.1088
rs11684803	A	-0.0388
rs12464436	A	0.066
rs17863775	G	0.1551
rs79664978	A	0.036
rs72893458	C	0.0546
rs13008894	C	0.0497
rs113945820	A	-0.0934
rs2950606	T	0.029
rs335127	C	0.0542
rs13389243	T	0.154
rs7595584	G	-0.133
rs11676002	A	0.0791
rs17197765	G	0.1035

rs58015847	T	0.0456
rs751371	C	-0.0383
rs4074201	G	-0.031
rs7556983	A	0.0506
rs12052809	T	0.0443
rs10198073	T	-0.0309
rs34779620	C	0.057
rs4496301	C	0.0287
rs115959059	T	0.132
rs34730642	T	-0.1912
rs12986972	A	0.0846
rs13392366	C	0.0494
rs74715197	T	0.1245
rs114734412	C	0.2551
rs72972863	G	0.1434
rs511773	T	0.0381
rs3731725	C	-0.0356
rs1109447	C	-0.0295
rs9973809	G	0.0419
rs1524082	A	0.0309
rs13015314	G	0.0323
rs79414898	C	0.1522
rs2001863	T	0.0362
rs1476945	T	-0.0284
rs12465622	A	-0.1025
rs934227	G	0.0369
rs114114265	A	-0.0621
rs10184123	C	-0.0308
rs13410508	T	0.0664
rs112982561	A	-0.1141
rs6719711	G	0.0368
rs7562738	G	-0.0281
rs149693750	A	0.0925
rs3115237	G	-0.0281
rs144262164	T	0.0935
rs74409004	A	0.1254
rs75053133	T	0.2248
rs58816641	C	-0.0486
rs13410259	C	0.0278
rs143172859	A	0.1352
rs2082875	A	-0.0291
rs76104073	G	0.1198
rs77659393	G	-0.1131
rs59274072	T	0.0979
rs79070892	G	0.2302
rs148965572	G	0.1353
rs146700156	C	0.2419

rs115794490	C	0.0932
rs115307528	G	0.2089
rs78837123	G	-0.273
rs74505224	A	0.161
rs13013975	G	-0.0347
rs1434219	T	0.0326
rs78468298	T	-0.0471
rs75709763	T	0.1496
rs147185153	T	-0.0538
rs9941550	T	0.0378
rs3112997	G	0.0328
rs4589746	A	0.0485
rs76939959	T	-0.1105
rs12986453	G	-0.0307
rs112394245	A	0.0419
rs13413284	C	-0.1465
rs12470203	C	0.1782
rs12615243	G	0.0936
rs4148202	G	-0.0288
rs1404774	A	0.0587
rs4853849	T	-0.0482
rs13034682	C	-0.0931
rs13412907	T	0.0776
rs144134651	T	0.1552
rs786246	G	0.0766
rs10183688	C	-0.0461
rs10932181	T	-0.0458
rs114803602	C	0.2245
rs80343082	A	-0.1179
rs57716909	A	0.0854
rs113880824	C	-0.232
rs72899882	C	0.1033
rs78742107	A	-0.0948
rs4613315	T	-0.1033
rs6714576	C	0.1833
rs10201581	G	0.1443
rs601325	C	-0.0465
rs280690	A	-0.072
rs75054803	G	0.0816
rs16828274	G	-0.0638
rs10207387	A	0.028
rs115424579	T	0.0978
rs138004999	A	-0.1083
rs34779565	A	0.0287
rs76252344	A	-0.1721
rs113071838	T	0.0971
rs75328250	C	-0.0777

rs72829969	G	-0.1743
rs10184376	T	-0.0581
rs143855279	T	-0.0778
rs2342756	T	0.0438
rs10208883	A	-0.0327
rs145713236	A	0.2162
rs73948831	C	-0.0489
rs10200467	T	-0.0343
rs6728595	A	-0.0908
rs876647	T	-0.0403
rs3111034	A	0.221
rs13003390	G	-0.0282
rs115700203	C	-0.1122
rs79745765	A	0.1313
rs80224159	C	0.1498
rs3762613	C	0.0295
rs13017275	C	0.0499
rs115207385	T	0.1952
rs138391076	G	0.1282
rs323648	A	0.0474
rs78186493	A	0.0925
rs62159010	T	0.1956
rs79217565	C	0.1458
rs16832601	T	0.094
rs4952447	C	0.0292
rs4667601	A	0.0397
rs77203965	C	0.0915
rs1559964	G	0.0414
rs59392224	C	-0.0544
rs72861730	T	-0.0501
rs143249514	G	-0.1066
rs9917168	G	0.0294
rs2117737	A	0.03
rs115348070	A	0.0968
rs13033499	T	0.1285
rs11886531	C	0.1183
rs113744423	C	-0.071
rs1476321	T	0.0384
rs10497583	A	0.0389
rs4851991	A	0.0989
rs79284922	T	-0.1923
rs2765936	T	0.0666
rs62191729	A	-0.077
rs76812735	T	-0.1042
rs75399658	C	-0.0825
rs144914039	G	0.113
rs10173732	A	-0.0535

rs114460790	A	0.1111
rs75569294	T	-0.1067
rs10490297	T	0.0488
rs10176230	G	-0.07
rs1234415	T	-0.0398
rs206366	A	0.0991
rs10164434	C	0.1406
rs79734214	A	-0.1101
rs116128731	A	0.1668
rs149996355	T	0.2397
rs13426621	A	-0.062
rs7593048	A	0.034
rs55916478	C	0.0818
rs11676357	G	0.0278
rs13031158	G	0.0641
rs72869853	G	-0.2523
rs9752022	C	0.0497
rs56135231	T	-0.0402
rs2597321	A	-0.0308
rs116011045	C	-0.096
rs148975491	G	-0.0541
rs10153880	G	-0.0317
rs1519772	T	0.0363
rs79040408	T	-0.2515
rs72888962	C	0.0456
rs144466032	T	-0.0398
rs138190341	G	0.1122
rs13030960	A	-0.0289
rs115271034	A	-0.1506
rs59185208	T	0.1145
rs140645333	G	-0.0569
rs1160039	G	0.0744
rs6729666	A	0.035
rs148958049	T	-0.2063
rs141461216	A	-0.1914
rs115343392	T	0.2033
rs72998201	T	-0.1847
rs115355014	C	0.0887
rs80173746	G	-0.0634
rs72823869	G	-0.1547
rs61617605	T	0.0648
rs11898699	G	-0.032
rs2542557	A	0.1455
rs62175769	C	0.0858
rs149233846	A	0.0321
rs114806053	C	0.1329
rs1814457	A	-0.0558

rs112969780	G	0.077
rs10490069	C	0.1008
rs62172524	A	0.0282
rs114516952	T	-0.1564
rs17269279	G	-0.0867
rs11899634	A	0.0668
rs35044342	T	0.0306
rs57178144	C	-0.0543
rs6720285	A	-0.0298
rs113352505	G	0.1858
rs72850271	T	-0.1746
rs2355344	T	0.0563
rs114207391	G	-0.0958
rs10190427	A	0.0382
rs35273766	G	0.0708
rs72882144	C	0.0503
rs7556886	T	-0.0361
rs6731238	T	0.0303
rs13036218	A	0.0276
rs10930261	A	0.0874
rs80089451	T	0.0997
rs12476743	G	0.0885
rs147489018	C	-0.1585
rs114500571	T	0.1848
rs219074	T	-0.0371
rs7574241	A	-0.0285
rs10204220	T	-0.0307
rs4665190	G	0.0319
rs71426798	T	0.1915
rs6749903	G	-0.0275
rs141853622	A	0.1046
rs72795313	A	0.06
rs2862590	G	-0.0284
rs2288192	T	-0.0354
rs7605373	T	-0.0597
rs145291673	A	0.1338
rs59948559	T	-0.0639
rs34394073	C	0.0335
rs114588038	C	0.084
rs78362750	T	0.0796
rs11124204	T	0.0457
rs6436960	C	0.0538
rs2176178	G	0.0276
rs10200219	A	0.0457
rs11126184	C	0.0297
rs6736352	G	-0.0384
rs78683264	C	-0.0453

rs818011	A	0.0289
rs4602260	C	0.0514
rs72855230	G	-0.1183
rs78977721	A	0.0962
rs79042203	A	0.069
rs144219456	T	0.0628
rs11539983	C	0.1099
rs114947643	A	0.0853
rs62168271	A	0.1155
rs2528626	A	-0.0277
rs11675401	T	-0.1443
rs77756874	A	-0.1022
rs13029494	A	-0.0617
rs145255386	C	-0.1423
rs115296466	T	-0.087
rs10929648	A	-0.0349
rs2053562	T	-0.0333
rs143665340	G	0.0728
rs115171141	C	0.1581
rs13409229	C	-0.0339
rs114551604	A	-0.0552
rs62137565	A	-0.0365
rs72617057	C	0.1071
rs62184542	T	0.0875
rs143751517	G	-0.07
rs111455833	C	0.0563
rs72914627	T	-0.0476
rs930140	C	-0.0283
rs149732399	G	0.1697
rs10211611	C	0.0471
rs76842987	G	-0.0998
rs116447066	C	0.1186
rs72889755	T	-0.0925
rs75827079	C	0.0573
rs12623165	C	-0.0446
rs35832625	G	0.0655
rs1421607	G	-0.0315
rs72777060	G	0.0373
rs78357872	G	-0.1527
rs62155018	A	0.046
rs12465204	T	0.0287
rs11893243	A	0.0303
rs2579611	A	0.144
rs75236282	A	-0.1207
rs113385432	T	0.1453
rs114594222	T	0.1068
rs72980032	C	0.1302

rs148019540	T	-0.1067
rs73006498	A	-0.0989
rs28524736	A	0.1091
rs11887008	T	0.0353
rs13036096	G	0.0293
rs4606879	A	0.0278
rs4241136	G	-0.0517
rs6758805	A	-0.0552
rs79180677	T	-0.0579
rs9808149	T	0.1198
rs149878660	G	-0.1309
rs77831079	T	0.1573
rs7566976	C	0.0313
rs6744412	T	0.095
rs77897259	T	0.092
rs13024007	G	-0.0579
rs145637152	C	-0.2286
rs2345887	C	0.0351
rs6725722	A	-0.1031
rs111814212	T	0.1132
rs16833406	T	0.055
rs9653236	T	-0.0519
rs142388670	G	-0.1163
rs62133870	G	0.1381
rs111761163	T	0.0658
rs11127161	C	-0.057
rs115573509	C	0.1237
rs7605048	C	-0.0316
rs4668527	T	-0.0278
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rs7601503	T	-0.0339
rs16863956	C	0.1282
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rs114358189	C	-0.1668
rs1364666	A	-0.0284
rs75261146	A	-0.1509
rs139833947	C	0.0925
rs2363581	A	0.0318
rs72835369	C	0.1166
rs62145365	C	-0.1419
rs62165685	A	-0.2101
rs16841465	A	-0.2236
rs11685839	G	0.1873
rs11888408	T	-0.0421
rs13013435	C	0.0275
rs74723760	C	0.184
rs115914307	C	-0.085

rs62203007	T	-0.1255
rs142949618	T	0.1152
rs142136351	T	0.0971
rs2193460	A	-0.0297
rs12997564	G	-0.0548
rs11903208	A	-0.0613
rs3814042	T	0.0378
rs113841295	C	0.121
rs11694985	C	0.0643
rs76919813	A	-0.1063
rs112029069	A	-0.1152
rs113982268	T	0.1596
rs114681337	C	-0.161
rs13414612	C	0.0311
rs13011957	T	0.084
rs115755339	C	-0.1579
rs72610717	C	-0.059
rs2372715	A	-0.0316
rs250928	G	-0.0277
rs6734305	T	0.0287
rs12613185	A	-0.0339
rs486310	A	0.0513
rs62127218	T	-0.1236
rs13014738	T	-0.0333
rs115208866	G	0.142
rs80152995	A	0.0688
rs6733438	T	-0.0874
rs6711272	G	-0.0395
rs13018231	A	-0.1817
rs75193084	T	0.1577
rs1059313	T	0.1287
rs7599296	A	-0.0432
rs10498067	G	-0.0282
rs6726887	G	-0.0707
rs142009056	T	0.2074
rs145968361	T	-0.2683
rs9646964	A	0.037
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rs114098377	T	0.1749
rs62129120	A	0.0614
rs12614147	C	0.0397
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rs116459249	T	0.2313
rs13023082	G	0.0334
rs12473334	T	0.0289
rs818155	G	-0.0274
rs9287480	G	0.0913

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rs72890074	T	-0.059
rs72889903	T	0.0623
rs13405419	C	0.0292
rs78216128	A	0.0764
rs139755986	G	-0.1916
rs446086	A	-0.0343
rs72787964	T	-0.0507
rs145063037	A	-0.1489
rs10164524	G	0.0294
rs2355807	T	-0.0286
rs111615741	G	0.1667
rs35751771	A	-0.1413
rs77883415	G	0.129
rs6744981	A	0.1715
rs114247763	A	0.1551
rs7606125	C	0.08
rs12469481	G	0.033
rs6748934	T	0.0771
rs1015378	A	-0.0403
rs36084110	T	0.1084
rs62159008	T	-0.1035
rs77256758	A	0.1033
rs114892431	T	0.1816
rs72938827	A	-0.1928
rs76662860	G	-0.1467
rs78967661	T	0.1452
rs1304007	C	-0.0688
rs111337576	G	-0.0741
rs77275462	T	-0.1023
rs72975223	A	-0.0291
rs7595538	G	0.1338
rs2048774	G	-0.0318
rs11124656	G	0.0385
rs74181221	T	0.1397
rs10929085	A	-0.0403
rs55896260	A	0.0859
rs13421680	G	0.0317
rs78960801	A	-0.0847
rs59045478	T	-0.0869
rs139612503	T	0.1132
rs78165294	A	0.1813
rs115936535	A	-0.2047
rs6715640	C	0.1849
rs3936232	C	-0.0305
rs111534389	A	0.135
rs849268	G	-0.195

rs62194728	A	0.0888
rs726506	C	-0.0313
rs72872282	T	0.2358
rs113734836	A	-0.1615
rs2247282	C	0.0401
rs72804987	C	0.0765
rs62183161	T	-0.032
rs76333264	T	-0.0763
rs28454304	A	-0.0331
rs283897	C	0.0295
rs75377405	A	0.1476
rs76201162	A	0.0609
rs141566415	G	0.0892
rs4676377	C	0.0437
rs75796629	C	0.1996
rs11886925	G	-0.0758
rs72814715	A	-0.1257
rs72978081	G	-0.0896
rs76439322	G	0.063
rs77650045	A	0.0535
rs72831593	G	0.1401
rs7599256	G	-0.0317
rs114570576	A	0.1812
rs138195440	T	0.0892
rs7355314	G	0.088
rs11693900	A	-0.0352
rs113695676	C	0.1232
rs115753229	G	0.0949
rs2023409	T	-0.0284
rs71420370	G	-0.1812
rs17222613	T	0.0535
rs4971538	G	0.0443
rs79467785	G	0.1058
rs116767841	T	-0.0947
rs115244396	C	0.1669
rs78113658	A	0.1132
rs28623294	C	0.0348
rs264664	G	0.0305
rs12233176	A	0.0995
rs9287693	T	-0.0304
rs4462818	G	0.0339
rs12694697	T	0.0284
rs58120926	A	-0.07
rs4552208	C	-0.0301
rs115120319	T	0.1088
rs1111281	C	-0.03
rs78862952	C	-0.077

rs2974255	A	0.0332
rs2738280	T	0.0889
rs13430099	A	0.0775
rs7423015	T	-0.0612
rs115715426	C	-0.1665
rs77332934	T	0.1217
rs150002635	G	0.0866
rs75495651	G	0.1185
rs11125778	A	-0.0284
rs4319920	T	0.0516
rs2263240	G	0.1551
rs1349792	T	0.0506
rs10189632	C	0.079
rs74610990	G	0.1796
rs76998736	A	0.1159
rs116056142	T	0.142
rs77130186	G	0.073
rs115384308	C	0.1453
rs751150	C	-0.0321
rs74839937	C	0.0477
rs10208223	C	0.0287
rs76546985	G	-0.0922
rs6742924	C	-0.0567
rs11892705	T	0.0713
rs115938642	T	-0.0838
rs533617	C	-0.0805
rs148810092	T	-0.1555
rs10490745	T	-0.0478
rs1509377	C	0.0284
rs13032924	A	-0.0506
rs72934089	T	0.0354
rs61070383	A	0.1222
rs3769074	G	0.0999
rs11695782	A	-0.034
rs1157516	A	0.0482
rs12477149	G	-0.0457
rs143210169	G	-0.2512
rs12713000	G	0.0411
rs6751378	C	-0.0308
rs1107234	G	-0.0577
rs72986569	T	0.0996
rs73920169	A	0.0715
rs115434637	G	0.1751
rs114346955	G	0.0994
rs10199437	G	-0.0613
rs58803641	G	0.0553
rs1930	T	0.028

rs71541915	G	-0.0728
rs11124597	C	0.0339
rs62131460	T	0.1635
rs2347605	A	0.0403
rs140915399	T	0.1746
rs4331462	G	0.0462
rs6755935	C	0.0688
rs114059272	C	0.1253
rs17568979	G	0.0507
rs9678476	G	0.1163
rs72817797	A	0.1166
rs10201699	G	-0.0456
rs35706639	G	-0.0458
rs112091936	G	0.0764
rs6756053	G	-0.0283
rs3845679	C	0.0569
rs7604412	T	0.0321
rs79748197	G	0.147
rs17863688	G	0.0319
rs16825626	C	0.0564
rs7601729	A	-0.0314
rs6747372	T	-0.0942
rs13034966	C	0.0377
rs140717798	C	-0.2362
rs4953227	T	0.0289
rs72963411	A	-0.0417
rs7573071	T	0.0448
rs7592750	T	-0.0455
rs80293263	C	-0.0855
rs34615756	T	-0.0477
rs140719154	T	-0.121
rs62179793	G	-0.0364
rs1464023	A	-0.0295
rs34570617	C	-0.1293
rs3732075	A	-0.0314
rs675792	A	0.1012
rs115259510	A	-0.0878
rs10194877	G	-0.0457
rs114904351	C	0.1716
rs148699787	A	0.1381
rs707082	T	-0.047
rs3754842	T	-0.0345
rs4849176	T	-0.027
rs138844305	T	0.1299
rs13384662	A	0.0749
rs114945171	G	0.2183
rs79841596	T	-0.1291

rs150794247	T	0.1718
rs139029494	A	0.1262
rs36011695	C	-0.0725
rs754664	T	0.0285
rs13401521	G	0.0315
rs12998401	G	0.0564
rs74653785	G	0.0557
rs13400988	T	-0.0471
rs76169189	A	0.1718
rs62116593	A	0.094
rs72829603	T	0.0749
rs2171326	C	0.0359
rs6723229	A	-0.0318
rs139656963	A	0.1714
rs78567867	A	0.1148
rs1678156	G	0.0273
rs72859883	T	0.062
rs340755	G	-0.04
rs112542772	A	-0.0811
rs55748932	G	0.1133
rs149251515	T	-0.149
rs77211051	A	0.0963
rs116079449	C	0.1965
rs73071355	G	0.034
rs115309987	T	-0.1823
rs10180540	A	-0.0564
rs4671301	G	-0.0342
rs76675988	G	-0.1386
rs115119940	T	0.1742
rs11123858	G	0.0513
rs139170694	T	0.154
rs61589050	T	-0.0509
rs13017823	A	0.1045
rs75982342	T	-0.1719
rs62147109	C	0.1247
rs2044456	G	-0.0294
rs72933352	T	0.1531
rs7562693	C	0.0356
rs114170270	A	0.0711
rs113278513	C	0.1084
rs72941907	C	-0.0716
rs112149919	T	0.1683
rs28419261	G	-0.0415
rs142325720	T	-0.178
rs115593938	G	-0.1253
rs13017302	T	0.0409
rs114676760	C	0.1521

rs1868382	A	-0.0344
rs150074775	C	0.229
rs113835459	A	0.1234
rs13430302	C	-0.0469
rs3791336	C	0.0302
rs62197504	C	0.18
rs144959869	C	0.1995
rs139205342	A	0.1213
rs79183934	T	0.0994
rs7559015	T	0.0517
rs6754709	C	0.0325
rs72834718	A	-0.1162
rs12713246	G	-0.0399
rs58843956	T	-0.0629
rs147366673	A	-0.1804
rs12151475	C	0.0284
rs34563416	A	0.0319
rs138457478	C	0.2572
rs72991937	G	0.0358
rs115208840	A	-0.1716
rs140821073	A	0.1106
rs141070815	A	0.0599
rs13397505	C	0.0308
rs11123159	C	0.051
rs141227567	A	0.0741
rs73177236	T	0.1337
rs13424874	A	-0.027
rs76384728	T	-0.1481
rs72965055	A	0.1054
rs1997458	C	-0.0364
rs115473779	C	0.2262
rs78757232	G	0.067
rs75434519	C	-0.2145
rs193603	C	0.0603
rs7568133	A	0.0325
rs76042283	A	0.1364
rs62137492	A	-0.0437
rs79756779	C	-0.1401
rs1441091	G	0.0458
rs76344611	C	-0.0506
rs11126710	T	-0.0542
rs72866502	A	0.111
rs71439144	T	-0.0932
rs141553624	G	0.2209
rs150728791	T	0.1948
rs115609736	A	-0.0968
rs149437477	C	0.0936

rs72840868	G	-0.0421
rs12611733	T	0.0351
rs115721779	T	-0.1944
rs4407260	T	0.0706
rs77675280	T	-0.223
rs116232553	T	-0.1718
rs4674838	C	0.17
rs115150465	T	0.1122
rs74404783	C	-0.1796
rs7599272	T	-0.0619
rs11682402	C	0.0569
rs74590219	G	0.1458
rs1000159	A	0.0313
rs10180390	G	-0.0336
rs62188978	T	-0.1192
rs934312	C	0.0335
rs141784867	T	-0.1257
rs2679861	C	-0.0294
rs7573720	T	-0.0316
rs116629722	T	0.2414
rs116404810	G	-0.143
rs17677434	A	-0.0525
rs7568140	C	0.0325
rs143612935	A	0.1674
rs113519601	G	0.0599
rs76952883	C	-0.1673
rs145058511	T	0.1414
rs35531487	G	-0.0519
rs116735440	G	-0.1011
rs17194017	G	0.0592
rs17036909	A	0.1877
rs115054729	T	0.1896
rs79208193	T	0.0677
rs4340507	T	0.044
rs4556923	T	0.0417
rs11683430	T	-0.0317
rs76470191	C	0.1801
rs111664974	A	0.038
rs149630102	T	-0.0827
rs139375746	A	-0.1153
rs1446439	T	-0.0421
rs145491985	T	-0.1898
rs77328283	C	-0.0922
rs2536215	T	-0.0281
rs6757948	T	-0.032
rs11679204	A	0.1855
rs12470270	T	0.0314

rs10175784	G	0.0473
rs4575698	T	-0.0421
rs62105868	A	0.0501
rs146930498	T	0.175
rs10490316	C	-0.0307
rs1863332	G	0.0506
rs115903444	A	0.1122
rs74490354	G	-0.0512
rs77954084	T	0.1421
rs1563494	C	0.1419
rs149799050	A	0.1121
rs115837610	G	0.0963
rs17530177	G	0.1181
rs13007621	A	-0.0427
rs1541864	C	0.034
rs13033779	T	0.0679
rs72971798	G	0.0863
rs114496633	T	-0.2519
rs150879050	T	0.1404
rs6726413	T	0.1592
rs16838151	G	-0.0701
rs6719822	T	-0.0415
rs6431307	A	0.1806
rs2099305	T	-0.035
rs4849052	T	-0.0665
rs13412102	T	-0.0282
rs78843514	G	0.0658
rs1914779	T	0.0607
rs7601137	C	0.0411
rs10207242	G	-0.0323
rs71419072	G	0.1402
rs9677265	G	0.0282
rs2176569	G	-0.032
rs6433403	G	0.0296
rs115044618	C	-0.0607
rs72812231	T	-0.1161
rs76459177	A	0.0572
rs12711936	G	0.031
rs76630323	A	-0.105
rs138818969	A	-0.1121
rs79610954	T	-0.1366
rs1658238	A	0.0294
rs115343199	T	0.0815
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rs13419955	A	-0.0354
rs9712143	C	0.0327
rs10496561	T	-0.0554

rs12989978	A	-0.0348
rs7557399	A	0.1867
rs10206730	C	0.1874
rs76334742	C	0.0951
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rs114015331	T	0.191
rs74850962	C	-0.112
rs78857843	C	0.1091
rs115798622	A	0.1041
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rs6739912	T	0.0401
rs7578095	C	-0.047
rs116177469	T	-0.1244
rs75873717	T	-0.0568
rs141561244	C	-0.1036
rs72822987	C	0.0629
rs34279514	C	-0.0296
rs73995854	C	-0.0657
rs72769288	C	0.0627
rs2378312	G	0.0273
rs35568023	T	-0.027
rs840873	C	0.0828
rs115854464	A	0.1101
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rs12052585	C	-0.0397
rs10198533	A	0.0286
rs80010258	C	0.0864
rs78111655	C	-0.1499
rs72784176	G	0.0662
rs6752823	C	-0.0492
rs114095260	T	0.1679
rs72869691	A	0.0918
rs4953711	C	0.0294
rs4356610	A	-0.0821
rs6747288	A	-0.0304
rs62181023	G	0.0544
rs79830305	A	0.0856
rs76264930	C	0.1826
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rs114356618	C	0.1838
rs113600679	T	0.0746
rs35406633	A	-0.0367
rs75851588	A	0.0681
rs74775676	G	-0.0472
rs139226678	G	-0.1176
rs4851820	C	-0.0269
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rs115770474	G	-0.1403
rs142949257	A	-0.1298
rs11674660	T	-0.0412
rs1016338	C	0.0354
rs3770957	A	-0.0358
rs35709696	T	0.1153
rs12466974	C	0.0322
rs72812393	T	-0.1437
rs11683509	G	-0.0521
rs977171	T	0.0439
rs116704728	T	-0.0984
rs62194946	T	-0.0318
rs1653771	G	-0.0275
rs147296766	C	0.1438
rs2301296	A	-0.1519
rs116207716	A	0.1216
rs56003443	A	-0.0337
rs116066210	A	0.1706
rs6758325	G	-0.0456
rs114774112	C	-0.1475
rs74870974	A	0.0695
rs12474482	G	0.068
rs150772414	A	-0.0986
rs3755326	A	0.0502
rs12611869	T	-0.03
rs142310390	A	0.0981
rs115836471	A	0.0984
rs76139069	G	-0.1012
rs76539498	G	-0.1118
rs1377760	G	-0.0541
rs79998767	A	0.1331
rs7563482	G	0.0313
rs59059406	C	0.0527
rs76958186	A	0.117
rs3731795	G	0.1276
rs7355381	G	-0.1248
rs72865128	C	0.1601
rs4455118	C	0.0388
rs28434191	T	0.0526
rs7579373	G	0.0357
rs114743292	G	-0.1323
rs114085047	C	0.1331
rs62182406	A	0.032
rs145926181	T	-0.1828
rs1567951	C	-0.0313
rs140678134	A	-0.1109
rs10432345	T	0.0292

rs4665656	T	-0.0273
rs77060677	A	0.1157
rs73157873	C	0.1113
rs12475379	G	0.1555
rs12105873	A	0.0473
rs7575107	G	0.0403
rs77627276	G	0.0559
rs1864271	C	-0.0349
rs72796530	T	-0.0528
rs2724860	A	0.0266
rs115589257	T	-0.1808
rs6729208	A	0.0639
rs12475288	C	-0.0422
rs72929769	G	-0.1475
rs111577671	A	0.0405
rs10175749	G	0.0321
rs16839389	G	-0.1336
rs112458694	A	0.1505
rs116347759	T	-0.1422
rs75294799	T	0.1793
rs62160379	G	-0.1228
rs138524651	T	-0.2298
rs2048982	T	-0.0289
rs79945452	G	0.1812
rs115695800	C	-0.2484
rs308919	C	0.1325
rs13396779	T	-0.1445
rs12691832	C	-0.0275
rs10490031	T	-0.0334
rs17651078	C	-0.0394
rs4148791	T	0.0286
rs141869119	A	-0.1513
rs2090862	T	0.0267
rs12464514	G	-0.1944
rs144049425	T	0.1516
rs262292	C	0.0282
rs1318479	A	0.0287
rs13427124	C	0.0504
rs115330488	C	-0.131
rs12691694	G	0.0315
rs10184557	T	0.1318
rs10168790	C	0.0276
rs72787721	T	0.0344
rs17017356	G	0.055
rs1371110	G	-0.0267
rs10202335	T	0.0384
rs12621317	A	-0.0376

rs7579684	G	0.0458
rs114391777	T	-0.1877
rs11891752	C	0.1002
rs16824598	T	0.1099
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rs62150670	A	0.0808
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rs4327214	G	-0.0292
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rs2345516	A	0.0623
rs1124076	G	0.0303
rs1364578	T	0.169
rs55981605	C	0.0325
rs16848941	C	0.0402
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rs116475210	C	0.1229
rs4674441	C	-0.0298
rs72806335	T	0.0484
rs145381302	A	-0.1321
rs56154062	T	-0.1123
rs1503241	T	0.0276
rs116142506	T	0.1734
rs7422605	C	0.0518
rs79997166	C	0.077
rs1448120	A	0.0418
rs80046096	A	-0.1563
rs72831402	A	-0.126
rs10181451	T	-0.0609
rs168604	C	0.0398
rs114429048	G	0.1036
rs6705008	A	0.0294
rs12185655	G	0.028
rs6546637	T	-0.0275
rs76012939	A	0.0619
rs73044269	T	-0.0563
rs4668884	C	0.1148
rs78327163	A	0.1657
rs113175322	C	0.157
rs6742278	G	0.0527
rs34900587	T	-0.0435
rs114527775	T	-0.0842
rs77507940	A	0.0524
rs35435253	T	0.0461
rs12466531	A	0.0352
rs75495375	A	0.1074
rs80156065	C	0.09
rs144516452	C	-0.0871

rs17270387	C	-0.2002
rs10178990	C	0.0388
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rs6546073	G	0.0284
rs77557717	G	-0.0911
rs7561207	A	-0.0832
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rs78035622	T	-0.0875
rs897065	A	0.0367
rs2121272	C	0.0264
rs1394145	C	0.034
rs148500367	A	0.1822
rs6707566	A	0.0275
rs1840328	A	0.0261
rs62148939	G	0.0742
rs17400589	A	0.079
rs1519104	G	-0.0283
rs116402031	A	0.1647
rs56018609	G	0.0796
rs2381907	A	-0.0761
rs138409775	G	-0.1271
rs10168700	C	-0.0338
rs11681509	A	-0.0379
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rs112724917	A	0.0719
rs80221856	T	-0.0527
rs12475560	T	-0.0283
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rs116755303	A	-0.1346
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rs138033122	C	-0.1376
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rs272137	T	-0.0292
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rs146634767	T	0.1606
rs2600791	T	-0.0424
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rs55760610	G	-0.0839
rs116274859	G	0.1309
rs77467299	C	0.0874
rs79148874	T	0.1588
rs4972659	A	0.0323
rs8179610	T	0.027
rs71421080	A	-0.1166
rs1551256	T	0.0266
rs10930621	G	-0.0323
rs62196144	C	-0.1436
rs1020430	A	0.0463
rs13383853	A	0.0293
rs11890551	G	0.0321
rs16859137	C	-0.0456
rs78816665	C	0.0692
rs78513395	T	0.1165
rs10184596	G	0.1081
rs13431299	G	0.0763
rs111482823	A	0.0838
rs56128223	C	-0.0921
rs139182782	C	0.3141
rs111254306	A	-0.1515
rs35048252	T	0.0301
rs35497618	T	-0.1114
rs72796867	C	0.0899
rs13401439	G	0.1538
rs78276228	G	-0.138
rs56260752	A	-0.0597
rs75813557	T	-0.0644
rs62177324	A	-0.0895
rs5005622	T	-0.1013
rs1560877	G	-0.041
rs115709567	C	0.0764
rs13431293	C	-0.0414
rs6720296	A	-0.0276
rs6749807	A	0.0411

rs12612470	T	-0.0594
rs11124368	C	0.0292
rs1518655	A	-0.0486
rs76758027	A	-0.1949
rs71417252	C	-0.119
rs763867	T	0.0312
rs858653	T	0.1248
rs2280142	A	-0.0278
rs7569066	T	0.0377
rs12989255	T	-0.0349
rs115519082	T	-0.0835
rs35915131	G	-0.0364
rs72826602	C	-0.1195
rs115698687	A	0.1013
rs146606392	T	0.1131
rs62119332	A	0.1162
rs987071	C	-0.0322
rs77014201	T	0.0658
rs143938003	C	0.1475
rs141945375	C	0.1027
rs113380140	A	0.1931
rs13421607	T	0.0289
rs10194179	G	-0.0629
rs13399115	C	0.071
rs75524242	T	0.056
rs77921083	G	-0.0876
rs72935964	C	-0.0344
rs62152061	T	0.0609
rs114053497	A	0.1015
rs10496904	A	-0.0713
rs62135471	C	-0.0681
rs72878362	T	0.0475
rs10184062	G	0.031
rs78569611	T	-0.0854
rs2880095	T	0.0395
rs11679046	T	-0.0266
rs76413923	A	0.0612
rs7572721	T	-0.0296
rs6543526	A	-0.0715
rs79907084	A	0.1627
rs2708933	C	-0.0289
rs4669271	A	0.0773
rs142404090	C	0.1306
rs10164567	T	0.059
rs6713554	G	-0.0267
rs13020081	A	-0.0371
rs72882854	A	0.0441

rs75482642	T	-0.1043
rs76706117	C	-0.1133
rs1476986	G	-0.0303
rs7573090	G	0.1087
rs35598970	G	-0.0759
rs2174353	A	-0.0304
rs141524548	T	-0.0685
rs74524274	T	0.1642
rs11902680	A	-0.031
rs137940622	A	0.1391
rs17447933	G	-0.0385
rs76746434	T	0.1064
rs79625940	T	-0.0695
rs9917190	T	-0.0301
rs60831985	C	-0.0751
rs115084619	A	-0.0945
rs4355166	T	0.0643
rs77120290	T	-0.0857
rs17026350	T	0.0455
rs76329157	G	-0.1388
rs143576847	C	0.1056
rs166464	T	-0.0285
rs12613561	C	-0.1069
rs72991049	C	-0.1116
rs74498685	C	-0.0535
rs11125786	C	-0.0277
rs147977761	G	-0.1707
rs114958915	C	-0.131
rs17388373	G	0.0311
rs6722820	A	0.1218
rs10932737	G	-0.0281
rs7560771	T	-0.0279
rs2043193	A	-0.0285
rs1464002	A	-0.0355
rs9306901	C	0.0278
rs3811544	A	-0.159
rs12621939	C	0.0283
rs114364251	A	-0.1842
rs72843117	G	0.1064
rs16864922	C	0.0689
rs143394287	A	-0.1378
rs1562020	T	0.0439
rs980525	T	0.0327
rs77836756	G	-0.0713
rs12468324	A	0.0375
rs10930045	G	-0.1525
rs4832593	G	-0.0344

rs79803114	A	-0.2
rs7599408	C	-0.0515
rs112470880	G	0.0434
rs144820346	A	0.086
rs72831162	T	-0.1247
rs10460409	T	-0.1957
rs75737416	G	0.0898
rs4894023	T	0.0981
rs1901437	A	-0.0328
rs6761397	T	0.0454
rs112930248	G	0.066
rs6742939	G	0.0708
rs1448969	A	0.1191
rs10183613	A	0.0348
rs74629952	A	0.0652
rs77292499	T	0.1431
rs75445316	T	-0.1218
rs78472103	A	0.0396
rs13023233	C	-0.0278
rs113253577	A	-0.0624
rs17588199	T	-0.0673
rs16988099	G	0.1151
rs116513329	C	0.1309
rs7606369	A	-0.0272
rs114543323	A	0.0985
rs13018075	T	-0.0377
rs79234962	T	0.0951
rs75266247	T	0.0954
rs62175772	C	0.134
rs4674112	A	-0.0361
rs58968710	A	-0.112
rs147347781	G	-0.1493
rs114723832	T	-0.1076
rs111277591	C	-0.1449
rs76225597	C	0.1731
rs115940048	A	0.2053
rs11691111	G	-0.0303
rs17033132	G	-0.0495
rs10520158	T	0.1414
rs80112647	A	-0.1377
rs79162575	A	0.0807
rs114956128	A	-0.1288
rs75631277	C	-0.1086
rs6718441	A	-0.0554
rs9646781	T	-0.058
rs116196961	A	-0.0496
rs59045998	T	0.0481

rs76092755	T	-0.158
rs12621079	C	0.0352
rs75961839	C	-0.0705
rs71417217	C	-0.0458
rs35158137	C	0.1239
rs6547591	A	0.0263
rs13015390	T	-0.067
rs148536659	A	0.1284
rs35130554	A	-0.0757
rs114675574	A	-0.2194
rs13383477	C	0.0284
rs112557992	T	0.1062
rs60000556	A	0.0504
rs116357019	G	-0.0767
rs149465607	T	0.1087
rs1534611	C	0.0278
rs72774117	G	-0.0534
rs10169256	G	0.0435
rs111337675	T	0.0908
rs75825259	A	-0.1785
rs7592831	T	-0.0298
rs60590175	G	0.0672
rs7579648	T	0.0414
rs3772010	C	0.0454
rs144942331	T	0.144
rs56278882	C	0.091
rs6728063	C	0.1005
rs6432854	A	0.0373
rs16863421	T	0.0949
rs78294645	T	-0.0817
rs1374252	G	0.027
rs79791052	T	0.0604
rs116827840	C	0.0955
rs3109131	T	0.0786
rs114921223	T	0.2284
rs2568465	T	0.0293
rs13408738	T	0.0347
rs139764150	G	-0.2381
rs7607574	G	-0.0277
rs11674181	T	-0.0323
rs12611689	T	-0.0665
rs12478448	T	0.0526
rs78221269	G	0.0766
rs115433106	C	-0.1154
rs35942888	C	-0.1877
rs16864304	T	-0.0656
rs55691530	A	-0.0307

rs6730703	C	-0.055
rs62117005	A	0.0763
rs1344913	A	-0.1456
rs113567959	A	0.1559
rs74666227	T	0.0887
rs115094730	A	0.0906
rs72930467	A	0.119
rs139984752	A	-0.1755
rs13030015	A	0.0334
rs999888	G	-0.027
rs343936	C	-0.0359
rs147225533	T	0.1285
rs10206822	A	0.0291
rs62179979	T	-0.1711
rs61515305	G	-0.0763
rs116161839	C	-0.1037
rs11674716	A	-0.081
rs72987280	T	0.0589
rs7560055	C	0.2147
rs4666392	T	0.0428
rs7583071	C	-0.108
rs281494	C	-0.026
rs145011693	C	-0.1707
rs12620079	G	0.1121
rs2901066	C	0.0452
rs113821499	T	0.0551
rs1044710	A	0.0443
rs17339625	A	0.0446
rs148868792	T	-0.1182
rs734541	A	-0.0306
rs76567140	T	-0.0644
rs79111771	T	0.1149
rs79236308	G	-0.1338
rs13026299	C	-0.0509
rs116204316	T	0.2224
rs151032991	T	-0.0929
rs149427550	T	0.123
rs78711824	A	0.083
rs76490699	A	-0.054
rs11124191	A	-0.0297
rs72789429	A	0.1345
rs2373191	C	0.0306
rs72620855	C	-0.0817
rs145976248	A	-0.0977
rs10208418	A	-0.0539
rs35710916	C	0.0436
rs137946923	C	0.1303

rs78803761	T	-0.0776
rs11122819	G	0.0335
rs1519308	G	-0.0477
rs72828433	A	0.0824
rs7597330	G	0.1242
rs116092280	C	-0.0846
rs849532	A	-0.0545
rs62114679	T	-0.1042
rs34540479	G	0.0294
rs11682946	A	0.0502
rs41309094	T	-0.11
rs77352129	G	-0.0808
rs6713596	T	0.0772
rs10932328	C	0.0308
rs72830519	T	-0.1416
rs16830021	A	-0.098
rs67922751	G	0.0346
rs7570761	T	0.1869
rs6704719	T	0.1728
rs6753886	A	-0.0263
rs6735613	T	0.0267
rs34721824	A	-0.073
rs12476712	T	-0.0414
rs112831396	T	-0.169
rs13017192	G	0.0391
rs6717128	G	0.0322
rs13007300	A	0.0849
rs79734773	G	-0.0649
rs11895210	T	-0.0262
rs12617134	T	-0.1267
rs34743088	T	0.0963
rs13401909	C	0.0889
rs114938027	A	-0.1426
rs17006817	A	0.05
rs4972493	G	0.0285
rs140327786	T	-0.1772
rs62170084	A	-0.1473
rs77307792	A	-0.1162
rs10515940	A	-0.0366
rs72828694	A	0.0497
rs59367072	G	0.1138
rs6709199	A	0.0713
rs62124481	T	0.1082
rs1257179	T	0.051
rs35481605	C	0.1235
rs72953391	C	-0.1109
rs12613873	T	0.0739

rs62128483	T	0.0329
rs55836999	T	0.0394
rs72625274	G	0.0477
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rs146212455	G	-0.081
rs114947920	A	0.0511
rs55686299	G	0.0394
rs2570476	C	0.0266
rs116540696	T	0.1189
rs76338368	A	0.0351
rs114970452	A	0.144
rs6726468	T	0.0613
rs4669360	A	0.0281
rs78654239	T	0.0884
rs62173264	T	-0.0521
rs13023015	C	-0.0279
rs2551896	C	0.1558
rs56393750	C	0.0336
rs115067939	T	0.1375
rs4852244	A	-0.0338
rs77487847	G	-0.1146
rs35522481	C	0.0378
rs114154239	T	-0.0648
rs17835456	G	0.1193
rs139415604	T	-0.0822
rs75621383	C	0.0546
rs116449111	G	0.0958
rs112608234	C	-0.205
rs74398408	A	-0.0473
rs1667315	G	0.0261
rs80300968	A	0.1008
rs77361423	A	-0.1431
rs764011	T	0.0352
rs2680921	C	-0.0437
rs13392301	A	0.031
rs138491076	A	0.0814
rs77483364	T	-0.1177
rs76005083	G	0.04
rs145173507	A	-0.1224
rs12464912	C	0.0356
rs11688221	A	-0.0328
rs11679298	A	-0.0695
rs78463361	T	0.0988
rs75820995	G	0.0964
rs10202222	A	0.031
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rs75401925	A	0.1307

rs74887827	G	-0.0734
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rs62157777	A	-0.1179
rs62152141	T	0.0289
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rs113782373	G	0.1602
rs6712179	T	-0.1256
rs80000081	T	-0.1211
rs72801743	T	0.1067
rs374640	C	0.0338
rs114835699	T	0.1939
rs7597307	C	-0.0443
rs72808493	A	-0.0827
rs10929507	C	0.0303
rs76655680	G	-0.1838
rs75129331	C	-0.0962
rs34735497	A	0.1453
rs17786990	A	-0.0964
rs342079	A	-0.0858
rs76118941	T	-0.1278
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rs76636608	G	0.1562
rs798378	T	0.0336
rs10931651	A	-0.0332
rs11685615	T	0.037
rs2010704	A	0.0287
rs6544504	C	0.0406
rs826009	C	0.0313
rs4952175	G	-0.0319
rs59666082	T	-0.0269
rs2577850	C	-0.0281
rs138163071	T	-0.163
rs7425172	C	0.0541
rs141148365	G	0.1163
rs114025615	A	0.154
rs6736639	G	0.0275
rs62168274	A	-0.0821
rs12986656	G	-0.0324
rs113300136	C	-0.1774
rs16826737	A	0.1122
rs7607878	T	0.1159
rs1899018	A	0.032
rs17023526	C	0.0287
rs11673851	C	-0.044
rs7594890	A	-0.0303
rs144383176	C	0.1103

rs17425321	G	0.0521
rs11884872	C	0.0365
rs2196697	T	0.0975
rs212377	T	0.0327
rs75056559	A	0.0827
rs1402720	G	-0.039
rs76295688	G	-0.0761
rs77484009	C	-0.1214
rs10192541	G	-0.033
rs76176553	C	0.1887
rs140981129	A	0.1624
rs12621248	A	0.0298
rs11901125	T	-0.045
rs10203166	T	0.098
rs4667570	C	0.029
rs76072482	C	0.1555
rs4107579	C	-0.0457
rs4129947	A	-0.0689
rs80127108	T	0.0889
rs13010217	T	0.0331
rs3755527	G	-0.0275
rs13388868	G	0.0279
rs77936131	G	-0.1959
rs28479544	A	-0.0273
rs17013551	C	0.033
rs1524553	T	0.0738
rs12615002	T	-0.0363
rs13401606	C	-0.0367
rs7558150	T	-0.0563
rs57761982	T	0.2275
rs6758758	A	-0.0414
rs17240222	C	-0.065
rs150889512	A	-0.1609
rs10930476	C	0.0258
rs2466157	G	-0.0313
rs35323943	C	-0.0863
rs10185490	A	0.0258
rs116240242	C	-0.1154
rs79616469	A	-0.1508
rs77267681	T	-0.1525
rs72985033	G	0.0893
rs13023588	A	-0.0394
rs62169069	A	0.0844
rs55681572	A	0.0429
rs77469505	T	0.0998
rs114781131	A	-0.0914
rs17862746	G	0.1693

rs142346733	A	0.179
rs2588498	T	0.0351
rs62144749	T	-0.0665
rs6708742	C	0.0476
rs1453842	A	-0.0335
rs10495673	G	-0.0269
rs144964625	C	-0.1928
rs13034749	G	0.0317
rs75505824	G	0.0522
rs11902436	A	-0.073
rs72777612	C	-0.0614
rs144595012	T	0.0917
rs11679911	A	-0.0282
rs58491675	G	-0.04
rs113124687	A	-0.1919
rs80148950	G	-0.1098
rs78908124	C	-0.0759
rs138157808	T	0.1581
rs79936301	C	-0.1724
rs10929285	T	0.034
rs13422460	G	-0.0266
rs114899291	C	0.1208
rs12611717	A	0.0294
rs3923229	C	0.0296
rs11688097	A	-0.2223
rs6711456	C	0.0375
rs17334044	T	-0.0729
rs77802918	T	0.0383
rs4535036	C	0.0349
rs10932140	C	0.0281
rs139212756	A	0.1954
rs114475771	T	-0.0892
rs146824684	A	-0.1054
rs11677722	A	0.0317
rs2741023	A	0.026
rs13432799	G	-0.0457
rs151168935	A	0.1108
rs75133691	A	0.1297
rs113216332	A	-0.0725
rs13013872	A	-0.03
rs34514028	G	-0.0312
rs76924924	A	0.0831
rs78176700	T	0.1092
rs145643268	A	0.0898
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rs1474396	A	0.0265
rs1176789	A	0.1442
rs10929160	T	-0.0262
rs11690976	T	0.0387
rs17014748	A	0.0396
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rs2881165	C	0.0367
rs296046	A	-0.0337
rs76997098	C	0.0768
rs6716989	T	-0.0262
rs10497652	T	-0.0401
rs115636836	C	-0.1672
rs56330236	G	0.1328
rs77965445	A	0.0718
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rs28464850	A	-0.0945
rs115286255	G	0.1338
rs72836176	C	0.1271
rs116363583	G	-0.0756
rs1517793	T	-0.0432
rs11686178	C	0.0745
rs4665955	A	0.0269
rs114468456	C	0.0896
rs115376326	T	0.0911
rs1964466	T	-0.0633
rs77127892	T	-0.0766
rs12990097	C	0.0275
rs67840335	G	-0.0386
rs13006906	T	0.0865
rs4850537	C	0.2132
rs72784566	C	-0.0331
rs4267532	A	-0.098
rs72926244	A	0.0544
rs35612887	C	0.0398

rs12473173	A	0.0509
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rs10194171	T	-0.1891
rs7580764	C	0.0321
rs116173719	A	0.107
rs72822600	A	0.1902
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rs7559216	A	-0.0262
rs77471068	T	-0.1519
rs144221244	A	0.1119
rs72865932	T	-0.0427
rs114482477	A	0.1233
rs1470053	T	0.0348
rs11674141	T	0.0264
rs76390245	T	0.0423
rs11890333	T	0.1059
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rs6738297	A	-0.0285
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rs149470999	A	0.0785
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rs7584315	T	0.0525
rs62117979	T	0.049
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rs78361257	T	0.1432
rs61479933	T	0.1482
rs112002581	A	-0.1047
rs6734498	A	0.0606
rs72973159	A	0.0826
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rs6758019	G	-0.0398
rs12622622	T	0.0696
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rs149685773	T	0.0393
rs999939	C	-0.0391
rs11888255	A	0.073
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rs35878118	C	-0.0641
rs13426706	C	0.0389
rs61419985	C	-0.1775
rs10196155	G	-0.0285
rs115407041	A	0.0935
rs79217476	C	0.0638

rs3755285	C	-0.0288
rs75015257	T	0.2014
rs16837641	A	-0.0277
rs11694318	C	0.03
rs72947598	G	0.0571
rs60906755	T	0.0556
rs1275993	A	0.0405
rs143907457	C	0.2034
rs1438158	C	0.2122
rs116764385	C	0.085
rs2341849	T	0.0396
rs62185196	C	0.1134
rs13029188	C	0.0303
rs78829820	A	0.0493
rs10190930	G	0.0716
rs137893682	A	0.1518
rs622274	T	0.0317
rs17336946	T	0.1369
rs12993069	A	-0.0862
rs62187824	A	0.0338
rs62115929	G	0.1557
rs62139473	C	0.1779
rs79416200	A	0.0971
rs35371811	C	-0.0954
rs13014333	C	-0.1456
rs10931542	G	0.0587
rs112956467	T	-0.0478
rs2123514	G	0.0325
rs75686610	T	-0.1534
rs2191595	A	-0.0254
rs75219990	C	0.2047
rs1430261	G	-0.0443
rs11676719	A	0.0412
rs73908745	T	-0.0519
rs2090163	C	-0.029
rs59825965	T	-0.1478
rs6543855	A	-0.0411
rs2122126	C	-0.0312
rs62158500	T	-0.0526
rs10172207	G	0.0796
rs112605456	A	-0.0429
rs6719956	T	-0.1538
rs7420143	G	-0.0371
rs6714173	A	-0.0313
rs4470324	G	-0.0313
rs141289009	A	0.123
rs2881064	C	-0.0391

rs13032979	C	0.0469
rs113132439	A	-0.0672
rs13423716	T	0.1365
rs12622977	G	-0.0259
rs7592623	C	0.0335
rs6433931	C	0.0258
rs62176864	C	-0.1372
rs35468920	T	0.1351
rs77179208	T	-0.193
rs2042476	A	0.0424
rs76556205	C	0.1116
rs62179314	C	-0.0327
rs11126083	C	0.0563
rs1002016	A	0.037
rs12622722	G	0.026
rs35387219	G	0.0402
rs62157031	A	-0.0333
rs16829786	G	-0.0539
rs11694175	T	0.0267
rs113487189	A	-0.065
rs2697336	G	-0.0283
rs114954655	T	-0.1055
rs62130807	T	0.0864
rs117646530	T	-0.0484
rs138977995	A	0.1371
rs71417320	C	0.0693
rs72837540	G	-0.1012
rs4638741	T	-0.0266
rs6721691	C	0.0427
rs77903214	C	-0.1282
rs115375784	T	0.1314
rs116348530	G	-0.1423
rs13431427	A	0.0329
rs12473939	T	-0.0359
rs6749492	C	-0.0381
rs142399637	A	-0.1083
rs150689604	T	0.2211
rs12476340	T	0.0308
rs4665865	C	-0.0485
rs11689235	C	-0.1082
rs115894633	T	-0.1468
rs116034983	C	0.1074
rs17306869	A	0.1298
rs113210994	C	0.1293
rs116362573	G	0.094
rs150510425	A	-0.1551
rs7581227	A	0.0367

rs114667261	C	0.1002
rs6710203	C	0.1504
rs141331815	T	0.169
rs75145182	A	0.035
rs150807985	A	-0.052
rs2371441	A	0.071
rs73916568	A	-0.0964
rs73926175	G	0.1057
rs77128525	T	0.1129
rs112690137	G	-0.0834
rs4380175	G	-0.0312
rs72794334	T	-0.0974
rs145398538	T	-0.1353
rs10432425	T	-0.0297
rs76225725	T	0.2492
rs140898460	T	0.1044
rs72769625	G	0.1014
rs12105972	C	0.0433
rs139656829	G	0.1026
rs56067158	C	-0.0807
rs113663297	T	0.083
rs75174597	A	0.0559
rs725806	G	0.0292
rs10174126	T	0.0284
rs10929485	T	-0.0251
rs10172084	A	0.1359
rs4832402	A	-0.0348
rs113348003	A	-0.0495
rs111381744	A	0.1104
rs17338700	T	-0.0372
rs56017189	C	0.1556
rs147550827	A	-0.1281
rs148271038	A	0.119
rs62183592	T	0.0768
rs146570292	C	0.1228
rs140512671	A	0.1159
rs114859154	C	0.1338
rs114654007	A	0.0937
rs1372254	G	0.1108
rs1882638	C	0.0446
rs140380858	G	0.1003
rs138337475	T	0.1458
rs78229753	T	-0.0722
rs56028422	G	-0.2127
rs13001654	T	0.0439
rs72964640	G	0.2011
rs16824211	G	-0.0487

rs115643426	C	0.0697
rs114389152	T	0.1179
rs78817214	A	-0.1089
rs79785546	T	0.1282
rs78083195	G	0.0635
rs1866153	T	-0.0517
rs35459600	T	0.0596
rs138762487	T	0.1479
rs59023728	G	-0.0811
rs66590348	C	-0.0712
rs140795300	C	-0.1909
rs12615526	G	0.0335
rs4852433	A	-0.0285
rs114047142	T	0.157
rs62173684	T	0.0866
rs10497056	A	-0.1566
rs60864032	C	-0.1508
rs3096869	T	-0.043
rs138329786	C	0.0758
rs4675826	G	0.1089
rs13399085	A	-0.0396
rs79275685	A	0.1334
rs62144527	G	0.1775
rs1549761	C	-0.03
rs62149681	G	-0.1348
rs115998826	A	-0.1978
rs236843	C	-0.0262
rs148492530	G	-0.1215
rs61752234	C	-0.1171
rs11548393	T	0.0278
rs16864788	A	0.0481
rs62103938	T	-0.0277
rs61383769	A	-0.175
rs13425630	G	0.0294
rs77982803	A	0.0725
rs149337696	T	0.102
rs114643732	A	0.0863
rs11679833	A	0.0551
rs76215319	A	0.1113
rs72904814	C	-0.1157
rs34105579	C	0.0632
rs139887827	A	0.0889
rs115417046	T	0.1077
rs12713729	T	-0.026
rs80309587	A	-0.2152
rs77048730	C	0.0717
rs62148957	C	-0.1709

rs74865323	C	0.0874
rs74169403	G	0.1443
rs4402757	C	0.0497
rs4266057	C	0.0267
rs13027636	G	0.0944
rs144214643	G	-0.0995
rs7574150	G	0.0332
rs115981557	T	0.1339
rs2407072	T	-0.043
rs6719409	C	-0.06
rs72886086	G	-0.0832
rs114497674	T	0.0851
rs114980141	A	0.0956
rs41331849	T	0.0499
rs114707968	G	0.1359
rs500432	G	-0.0253
rs74337404	T	0.1337
rs77531254	A	-0.0815
rs72960492	G	-0.0487
rs2972132	A	-0.0262
rs137997545	C	0.166
rs72866461	G	0.1736
rs4953028	A	-0.0267
rs13384513	A	0.0343
rs114260059	A	-0.142
rs77615523	T	0.0742
rs17397533	G	0.0305
rs74860296	C	0.0793
rs4851551	A	-0.0496
rs74981420	C	0.105
rs116743625	A	0.1428
rs6759940	T	0.0283
rs9752615	A	0.0742
rs34457673	C	-0.1173
rs147923627	G	-0.1354
rs10185649	T	0.0961
rs2116398	G	-0.0489
rs72774091	A	-0.0905
rs6752849	G	0.1043
rs938733	C	-0.026
rs1920978	A	0.0257
rs56337824	A	-0.1007
rs76832333	G	0.1572
rs41286594	T	-0.1121
rs73007522	C	-0.0649
rs74449980	G	0.0414
rs72983327	A	0.0444

rs149897418	T	0.1613
rs2305150	C	-0.026
rs4622658	A	-0.0282
rs115759381	T	0.1052
rs73022314	A	-0.0411
rs11684050	A	0.0265
rs10929770	G	-0.03
rs7605753	A	0.0249
rs12615463	A	-0.0478
rs143991396	G	-0.2057
rs12105903	T	-0.0349
rs74853297	T	0.0766
rs13012902	T	0.0638
rs11676234	C	0.0436
rs17034666	A	0.0663
rs2216851	A	-0.0264
rs62623452	T	0.1574
rs6711842	A	-0.0402
rs114514079	G	0.1289
rs111976243	T	0.0826
rs2723204	C	0.0491
rs1352043	T	-0.0394
rs11486515	T	-0.1123
rs3731640	A	0.0444
rs6712896	A	0.0267
rs1834789	G	-0.0416
rs1399691	T	0.0414
rs56004826	G	0.1333
rs16822986	C	-0.0374
rs35664993	T	-0.0277
rs6724149	A	0.0753
rs11901520	T	0.0338
rs143991444	T	-0.1548
rs11887857	G	-0.0375
rs2117274	T	-0.0266
rs72818730	A	-0.1192
rs62159099	C	0.0904
rs62168211	C	0.032
rs1058261	T	-0.0267
rs2716619	C	-0.0267
rs149520386	T	0.1975
rs79934459	T	-0.1019
rs114954125	G	-0.0942
rs80121990	A	0.0697
rs1036525	G	-0.0411
rs140076940	G	-0.2362
rs76391590	A	-0.1255

rs10804366	T	0.0265
rs147702818	T	-0.1076
rs144768913	G	0.0897
rs35961282	T	-0.0604
rs4674537	T	0.0259
rs79550635	T	0.0764
rs2630726	G	-0.0339
rs72811637	A	0.1322
rs79382414	A	-0.1151
rs59588536	C	0.0806
rs75503111	T	-0.098
rs2176060	A	0.1161
rs10206716	C	-0.0319
rs12614604	G	0.029
rs148028867	C	0.1135
rs115836140	G	0.1624
rs17811019	C	0.1233
rs2463637	G	0.0311
rs4852063	A	-0.0347
rs148105550	A	-0.0899
rs78693586	G	0.1352
rs869213	G	-0.0547
rs150526935	A	0.0907
rs116767053	G	-0.2325
rs58436644	C	-0.0871
rs74564262	T	0.0818
rs115974890	T	0.2018
rs115452246	A	0.1238
rs295120	T	0.0436
rs13024194	C	-0.0334
rs74842664	G	0.0707
rs146231992	T	-0.1341
rs7575231	G	-0.0265
rs115419401	G	0.1156
rs6711708	A	0.0479
rs76595551	G	-0.2117
rs1559948	G	0.0536
rs72822171	T	0.1124
rs1434098	A	-0.0367
rs13382969	G	0.0566
rs17328734	G	-0.025
rs62189761	A	-0.0778
rs115511390	G	0.1846
rs115084984	A	0.1515
rs12712785	T	-0.0315
rs146231926	T	0.1506
rs2118484	C	0.0326

rs12987887	T	0.0248
rs62145400	T	-0.1834
rs3099951	T	0.1044
rs111344957	T	0.145
rs1434109	G	-0.0296
rs55729358	C	0.0288
rs1518068	T	-0.0325
rs114524163	G	0.1723
rs214043	T	-0.0353
rs11677679	T	0.0898
rs58625231	C	0.0399
rs12990522	A	0.0881
rs10451583	A	-0.0262
rs9341133	C	0.2237
rs11681353	G	-0.0278
rs75908074	T	-0.054
rs11902021	T	-0.0275
rs13026015	G	-0.1879
rs3754699	G	-0.0367
rs10172530	G	-0.057
rs2342546	C	0.0307
rs75000263	T	-0.0865
rs116718164	C	0.0861
rs6723579	T	0.0256
rs114452593	A	0.0754
rs17601183	T	0.1165
rs13422446	T	0.084
rs1402477	G	0.0259
rs77882267	T	0.1453
rs58406898	G	0.0258
rs6546673	T	0.0439
rs6758001	C	-0.0776
rs1002826	C	0.0261
rs1014173	A	0.0696
rs2592120	T	-0.0271
rs2088225	T	-0.0409
rs16864562	A	-0.1091
rs970896	A	-0.0278
rs17021968	C	0.0682
rs147739993	C	0.1204
rs2358443	T	0.0262
rs281525	C	0.0261
rs57918209	A	0.0278
rs76713355	G	-0.0857
rs144624577	C	0.1435
rs10174120	C	0.0506
rs72831319	T	0.0933

rs115891290	A	0.1171
rs229314	C	-0.0324
rs147014818	A	0.0468
rs62119777	A	0.046
rs36068173	T	0.1737
rs75362017	A	-0.0307
rs144070072	C	-0.0762
rs4672798	T	-0.0281
rs1812218	A	-0.0446
rs77023051	G	0.1662
rs2630739	T	0.0255
rs11127192	G	0.0276
rs143967660	A	0.1646
rs72831122	A	-0.0637
rs4528784	G	0.026
rs56800383	G	-0.0894
rs4853597	A	0.1028
rs77216900	C	-0.0595
rs4519571	A	-0.0256
rs114464549	C	0.0438
rs10864871	A	-0.0276
rs10169752	A	-0.0262
rs260641	T	-0.0593
rs113015046	C	-0.2053
rs932176	A	0.0422
rs6431934	A	0.081
rs3771863	T	-0.0345
rs113684955	G	0.129
rs10188733	T	-0.0346
rs140115312	T	0.0823
rs1542022	C	0.0334
rs34199256	A	0.0999
rs76234767	T	-0.0935
rs267993	T	-0.0275
rs34547318	C	0.0843
rs77797566	T	0.0964
rs116767299	T	0.1422
rs113542308	T	-0.038
rs10199537	T	0.0266
rs28716827	A	0.0648
rs477229	G	0.0255
rs115356436	G	0.1156
rs13398038	T	-0.0503
rs115536310	A	-0.1656
rs114471389	A	0.1945
rs78304365	G	0.0878
rs62154324	C	0.1592

rs141677123	C	0.1652
rs76715926	C	-0.1142
rs78038820	C	0.0395
rs62140714	G	0.108
rs76004592	A	0.0688
rs114935942	A	0.1196
rs13029754	G	-0.0391
rs1451197	G	-0.0244
rs1812211	T	0.0332
rs1347889	T	-0.0439
rs144163183	A	0.0287
rs139956359	A	0.1677
rs11673972	G	0.1143
rs112278700	C	-0.1551
rs17324389	T	0.037
rs4567878	A	0.0396
rs11683668	C	0.026
rs75266946	C	0.0902
rs62184481	T	0.029
rs6746775	G	-0.0267
rs62187816	C	-0.1242
rs2712033	G	-0.0307
rs77092459	G	0.0601
rs62149402	A	-0.0876
rs62150115	C	0.1115
rs55753337	G	-0.0453
rs74987949	G	0.0722
rs11693284	T	-0.0877
rs34582399	G	-0.0532
rs74560042	C	0.081
rs1217436	G	-0.0283
rs80007503	T	0.068
rs16855199	A	-0.1598
rs17428283	T	-0.0982
rs6719507	A	0.0244
rs116734638	G	-0.1675
rs116265454	A	0.1798
rs116052376	A	-0.2058
rs2046795	A	-0.0268
rs72874305	T	-0.0788
rs76256303	C	0.0755
rs114275882	C	0.0928
rs139452761	A	0.1585
rs17738968	G	-0.1122
rs10864891	C	0.0378
rs4644972	T	-0.0266
rs12463519	A	-0.0437

rs115852305	T	0.1825
rs7566737	A	-0.0735
rs72900359	G	-0.121
rs2584195	T	0.0569
rs77186612	T	0.0583
rs17045690	G	0.0787
rs61654086	T	-0.17
rs115681727	C	0.1227
rs1010456	A	-0.0312
rs11682719	G	-0.0723
rs111802447	A	0.0947
rs115769742	G	0.1295
rs147552857	A	-0.092
rs115252619	A	-0.2752
rs4669176	A	0.0309
rs6734895	C	0.0379
rs13425566	C	-0.0281
rs34829620	A	-0.052
rs17523693	C	0.0514
rs61013045	A	-0.0365
rs115106147	G	-0.12
rs142113949	C	-0.0842
rs16835520	G	-0.0883
rs9287848	T	0.0272
rs72942684	A	-0.0536
rs111382435	C	-0.0785
rs6545445	G	0.0304
rs17392197	G	-0.0707
rs150349821	A	-0.1094
rs6435979	C	-0.0297
rs1869098	T	-0.1061
rs305165	C	0.0592
rs3770817	A	-0.1351
rs77823106	C	0.1405
rs6715969	C	0.0375
rs115766449	A	0.133
rs1355607	A	0.112
rs113263454	C	0.1214
rs9287915	G	0.0312
rs1406262	C	0.0296
rs74551156	G	0.0801
rs11679697	G	-0.0263
rs55721077	G	0.0404
rs78211247	A	0.1128
rs249113	A	-0.0375
rs115167550	G	0.1391
rs2625051	T	0.0412

rs778185	C	-0.0254
rs116566770	G	0.0912
rs78011041	G	0.0686
rs1403654	A	0.0387
rs148095607	G	0.0838
rs1550861	T	0.0274
rs2344660	T	0.097
rs114476148	C	0.0782
rs115084550	T	-0.1276
rs76904623	A	-0.0732
rs1554611	G	0.0935
rs1991387	G	-0.0247
rs56403843	T	0.0399
rs75577399	C	-0.0582
rs3732331	C	-0.0352
rs61179776	T	0.0647
rs141689120	T	-0.1382
rs59200720	G	-0.0673
rs115241009	T	0.1029
rs6746555	C	-0.0259
rs7588909	A	0.0367
rs75949659	A	0.0592
rs62178231	C	-0.0697
rs11674432	A	-0.0371
rs76400169	C	0.0534
rs4953409	A	-0.0268
rs56196061	A	0.0392
rs74612943	A	-0.0325
rs77887250	T	0.1302
rs16838686	T	0.0969
rs713396	G	0.035
rs1971193	G	-0.0482
rs6711507	C	0.0311
rs17777903	C	-0.1014
rs41285977	T	-0.055
rs115549846	T	0.0936
rs115829084	C	0.1066
rs1159964	C	0.0257
rs6719855	A	-0.0379
rs62186113	C	0.1699
rs13034503	A	0.1434
rs143098296	A	0.0682
rs71416732	A	-0.0439
rs116725280	C	0.1116
rs11683312	A	0.0246
rs139249831	A	-0.129
rs62182083	A	0.0407

rs9808308	G	-0.0249
rs4441495	A	0.0252
rs147380992	T	-0.1564
rs149966778	A	-0.1469
rs6548160	A	0.035
rs55884773	G	0.0358
rs4832427	T	0.0836
rs17044074	G	0.0577
rs55915927	A	-0.1336
rs150619540	G	-0.1064
rs114087606	A	0.0839
rs4577309	A	0.0247
rs34723916	T	0.1413
rs1868844	A	-0.0255
rs13403828	T	0.0315
rs115642588	G	0.1861
rs720844	A	0.0321
rs2219224	G	0.0244
rs112932070	T	-0.0947
rs115086420	A	-0.1885
rs74620937	T	0.1225
rs114550204	A	0.0647
rs114513206	T	0.0931
rs115021340	A	-0.1175
rs72830567	C	0.1137
rs1026290	A	0.0246
rs1472929	A	0.0459
rs4352253	T	-0.028
rs12614131	C	0.0596
rs17180890	C	0.029
rs17629007	C	-0.0818
rs62194793	G	0.038
rs62189313	A	-0.0637
rs9636390	T	-0.0363
rs10173784	C	0.0539
rs144718573	A	0.0787
rs79385266	A	-0.1642
rs35612417	A	0.0929
rs74402763	A	-0.151
rs6434686	T	0.0462
rs3770607	T	-0.1016
rs10166234	G	-0.0274
rs149925013	G	-0.1298
rs10198408	C	0.0451
rs113144578	T	0.1384
rs114759265	C	-0.0993
rs115907696	T	-0.0853

rs112413063	C	-0.0577
rs114842254	G	0.1416
rs4666558	A	-0.0295
rs140227948	A	0.0987
rs71432657	G	0.1351
rs4145833	G	-0.0295
rs112464017	C	-0.0434
rs16859405	A	0.0757
rs2113399	C	-0.0703
rs848511	C	0.0263
rs13017437	A	0.0742
rs12478886	T	0.0741
rs35795625	A	-0.0288
rs62107891	T	-0.0367
rs72884054	G	-0.1068
rs13422733	T	0.0388
rs452204	A	0.0251
rs142433324	C	-0.1458
rs147154333	A	-0.2626
rs10206089	A	-0.0296
rs73950840	C	0.0464
rs115902509	A	0.1186
rs4383300	C	0.0381
rs13426482	G	-0.048
rs12988934	T	0.0688
rs13416126	C	0.056
rs10184968	T	0.0753
rs7591169	G	-0.0497
rs72803081	T	0.0378
rs143335233	T	0.1353
rs73026043	C	0.1012
rs115502644	T	-0.0637
rs142364427	A	-0.1182
rs116008029	G	0.1554
rs7591287	G	-0.0243
rs77146202	C	-0.1159
rs13026718	T	-0.027
rs4669416	T	-0.0321
rs72621540	C	0.0519
rs150160102	T	-0.109
rs114782495	A	0.1048
rs1561014	G	0.0269
rs906816	C	0.0944
rs1595448	A	-0.1291
rs1583110	T	-0.0697
rs150622507	A	-0.0845
rs74939155	C	0.0903

rs72985264	G	0.0377
rs114793746	G	0.1476
rs72947019	C	-0.0987
rs77066628	C	0.0716
rs6735873	C	-0.0638
rs13400876	A	-0.0613
rs114831224	G	-0.0679
rs976555	A	-0.0249
rs10183894	C	0.0262
rs3755155	T	-0.0286
rs116303587	A	0.0842
rs1167450	T	-0.0254
rs11886502	C	0.0253
rs34162299	A	0.071
rs138101526	A	0.1843
rs62183786	G	-0.1342
rs13001834	C	-0.0334
rs10190663	G	-0.0251
rs142571427	C	0.1412
rs35687660	C	-0.085
rs6740202	A	-0.031
rs72788345	T	-0.0581
rs77337726	C	0.0431
rs114562719	A	-0.0846
rs16856345	T	0.0317
rs111960941	G	0.0686
rs114810987	C	0.0869
rs115586831	C	-0.0974
rs55953425	T	-0.091
rs62122039	T	-0.059
rs62130544	T	-0.1071
rs78471818	C	0.0601
rs13031336	T	-0.0554
rs11901813	T	0.0355
rs72837907	A	0.0676
rs140529332	T	0.1259
rs150229424	A	-0.1927
rs143637959	C	-0.1229
rs114813252	T	0.0947
rs72883953	T	0.0928
rs139831897	G	-0.1608
rs10197467	A	-0.0246
rs116796390	A	-0.2326
rs10497585	C	-0.0277
rs116540083	G	0.122
rs79721654	A	0.0692
rs114733828	T	0.1201

rs141287300	C	-0.1418
rs74262063	T	0.0349
rs72941591	A	-0.0713
rs2043546	T	0.1555
rs75422306	A	-0.0852
rs7604720	A	0.0292
rs60693991	A	-0.0383
rs12473469	G	0.0334
rs116446784	A	0.1769
rs143343315	T	0.1278
rs4396694	T	0.0311
rs9752577	T	-0.0295
rs114811598	T	0.1225
rs79596314	G	0.043
rs77066739	A	0.0984
rs784555	G	0.0337
rs56354394	A	-0.0388
rs6730787	T	0.0433
rs11890167	C	-0.0451
rs2702060	G	-0.1142
rs908571	G	0.0275
rs76910203	A	0.08
rs144258837	G	0.114
rs1519981	T	-0.0272
rs6716617	A	-0.0358
rs142772049	T	0.1357
rs877832	T	-0.0289
rs4662738	A	0.0515
rs56161088	A	-0.2272
rs73143446	T	0.0901
rs74655783	T	0.0507
rs72832013	A	0.097
rs2411923	T	0.041
rs13412404	A	-0.0411
rs17464387	T	0.1383
rs112270032	G	0.1259
rs79563068	G	-0.1883
rs2078507	C	-0.0366
rs4973372	G	0.0278
rs76637275	G	-0.1334
rs71442324	A	-0.0599
rs74973881	T	0.1592
rs72842930	C	-0.0999
rs1550836	G	0.0384
rs28700142	G	0.0616
rs116768218	C	0.1199
rs57306830	A	-0.036

rs3771157	A	-0.083
rs74409621	C	-0.0451
rs76886327	C	0.1758
rs12712922	T	-0.0925
rs10427213	A	0.1158
rs72986812	T	-0.1884
rs113396042	G	0.082
rs74533897	G	0.118
rs17463266	T	0.0476
rs75021121	A	-0.112
rs56394355	A	-0.0786
rs74585014	T	-0.099
rs72817243	A	-0.1345
rs13025118	A	0.0331
rs75565610	T	-0.208
rs139056609	C	0.0601
rs1880210	T	-0.073
rs4365418	T	0.097
rs77528072	T	0.0422
rs13023991	C	0.0276
rs116204358	C	-0.1535
rs3115744	C	-0.0434
rs7561081	G	-0.0298
rs75611426	G	-0.1082
rs2646255	C	-0.0271
rs150305200	A	0.0922
rs935403	C	-0.0278
rs72804480	G	0.0509
rs11125377	T	-0.0275
rs78074325	C	-0.1273
rs143710448	G	-0.1004
rs116715250	G	0.0801
rs12619819	A	0.0364
rs58311735	C	0.0652
rs68006534	T	-0.0312
rs112222161	T	-0.0995
rs10489998	C	0.0492
rs12479292	T	-0.0251
rs150338592	T	-0.1901
rs6723201	C	-0.0423
rs79893166	A	-0.0574
rs1447524	A	-0.0506
rs9308990	G	-0.0356
rs116185880	C	-0.139
rs150955377	T	-0.1282
rs75717864	G	-0.142
rs2086643	A	-0.0435

rs6716014	T	0.0351
rs60866940	G	0.0293
rs35466766	T	0.0682
rs143026942	T	-0.1144
rs149205836	T	0.0852
rs1037054	G	-0.0406
rs11681310	T	0.0613
rs16856890	T	-0.0254
rs1961966	T	0.0335
rs6724521	G	0.0332
rs62187506	G	-0.0409
rs75734666	T	0.1444
rs10176470	G	0.0602
rs17687727	A	0.0346
rs34713734	A	-0.0381
rs73005340	T	0.041
rs771174	C	-0.0598
rs12988456	G	-0.0303
rs62133335	G	-0.0652
rs9459	T	0.0859
rs116813976	A	-0.0866
rs1421614	T	0.0287
rs62133575	G	0.1198
rs77856692	T	-0.0912
rs140633103	C	-0.1075
rs113923232	G	-0.0987
rs6720396	T	0.0337
rs1582413	T	0.0278
rs4632277	C	0.0405
rs4665072	T	-0.0299
rs74602155	T	-0.0473
rs62186613	G	0.0418
rs66943530	C	0.0367
rs4674575	T	-0.0253
rs591700	C	0.1656
rs17033785	T	0.0588
rs76242225	T	0.0782
rs1447224	A	0.0241
rs1205400	A	-0.0461
rs78476550	A	-0.0714
rs72843198	T	-0.0635
rs116045044	G	-0.145
rs79065997	C	0.1486
rs72841471	C	0.0767
rs78048373	A	-0.0614
rs145390535	T	-0.1352
rs1487036	A	-0.043

rs116583721	G	-0.1469
rs34897061	C	-0.0555
rs11903139	T	0.1268
rs2630754	G	-0.0315
rs72775385	C	0.1383
rs146575157	G	-0.1434
rs116748637	C	0.1084
rs140743574	A	0.1571
rs113759432	A	-0.0927
rs11680715	C	-0.0338
rs2675895	A	0.0291
rs79344062	A	-0.0584
rs116202885	G	-0.1352
rs145785560	G	-0.1374
rs17814767	C	-0.0782
rs17191752	G	-0.0255
rs78727829	G	0.1327
rs1848607	G	0.0298
rs872241	G	0.0245
rs140688077	C	0.0752
rs1032833	C	0.0451
rs77264883	T	-0.1485
rs13011946	T	-0.0639
rs75111677	A	-0.129
rs585156	C	0.0265
rs2881321	A	-0.0252
rs116439883	T	0.0513
rs13408434	G	0.0369
rs112857432	G	-0.1581
rs113013023	T	-0.1536
rs34996358	T	0.0269
rs115043642	A	0.072
rs62139973	G	0.0534
rs11689970	G	-0.0396
rs10208924	C	-0.19
rs12105527	C	-0.1089
rs13028147	T	-0.1228
rs2342758	G	0.0244
rs2229629	A	0.1213
rs11900501	T	0.0445
rs2311305	G	-0.0279
rs77541682	G	-0.1682
rs6752957	C	-0.0353
rs140468350	T	0.1576
rs1476896	G	0.0264
rs116241067	G	0.1018
rs62104935	C	0.0246

rs72784348	T	-0.0374
rs149727539	A	-0.1093
rs76847779	A	0.1208
rs4241117	C	-0.0247
rs74839818	T	-0.1014
rs147595449	A	0.1092
rs72919314	A	0.0448
rs77486247	A	-0.0621
rs79891251	A	-0.0809
rs7597693	T	-0.0376
rs1882448	T	0.0434
rs72868903	C	-0.0798
rs12185620	G	-0.1168
rs1821851	T	0.0247
rs17378615	T	0.0757
rs79303787	C	0.0742
rs72819957	A	0.0797
rs6746308	G	0.0271
rs2287632	C	-0.0429
rs12469320	T	-0.0296
rs7601299	A	0.0315
rs57374461	C	0.0415
rs147201770	T	0.156
rs12713200	A	0.0737
rs78389382	G	-0.0433
rs17596919	A	-0.0501
rs77975315	T	-0.0461
rs62169905	C	0.0886
rs116692731	C	0.2656
rs77373313	C	0.0944
rs1543900	A	-0.0249
rs1098916	G	0.031
rs13395993	T	0.0264
rs78070942	T	0.1548
rs16866224	A	0.0356
rs11894481	G	-0.0398
rs6544999	G	0.1175
rs143468394	C	-0.1059
rs62149649	C	-0.118
rs116302973	T	0.1775
rs6746691	C	-0.0291
rs112503103	G	0.0794
rs12476917	A	0.0497
rs77492508	T	-0.1654
rs1429411	G	-0.0246
rs80197077	A	-0.1414
rs62134093	C	-0.0241

rs62164543	T	0.0643
rs17401272	G	-0.0495
rs138661419	G	-0.1995
rs140757509	T	0.1114
rs11692800	A	-0.0577
rs76732432	A	0.0324
rs78351736	T	0.1182
rs141557259	T	-0.1452
rs2918738	G	0.1462
rs13034345	C	0.1789
rs146035845	T	-0.1386
rs10187040	C	0.0378
rs142144398	G	0.1354
rs74845404	C	-0.1384
rs34429569	C	-0.0394
rs11123788	A	-0.0258
rs62152919	A	-0.0408
rs116006207	C	-0.1127
rs12614527	G	0.0271
rs17864759	T	0.0525
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rs17729272	T	0.0645
rs75712735	G	-0.1165
rs34030157	T	0.0564
rs4283390	G	-0.0717
rs13391640	T	-0.032
rs16861856	C	0.1359
rs74534482	G	0.0901
rs141376456	A	0.1736
rs231814	G	0.0749
rs2270669	C	0.0288
rs72781224	T	0.1691
rs114359846	A	-0.1533
rs12052610	G	-0.037
rs114012175	T	-0.0992
rs116440885	A	0.1425
rs16840781	T	0.0352
rs74580656	T	0.0325
rs111537365	G	0.1154
rs60060369	T	0.0948
rs114739585	G	0.1214
rs17346093	C	0.1521
rs74851621	C	0.1843
rs72849577	G	0.1888
rs78862202	T	-0.1124
rs10204910	A	0.0357
rs146744645	T	0.0433

rs2121603	C	0.0342
rs2043192	G	-0.0268
rs7586280	A	0.0352
rs146800143	C	-0.1405
rs116332535	T	0.18
rs4471866	T	0.0486
rs146489205	G	0.0722
rs145741754	T	-0.0434
rs10203596	T	-0.0246
rs75998917	T	-0.185
rs79625246	G	0.2474
rs116651932	A	0.0867
rs17609914	G	0.035
rs75531141	G	-0.0997
rs72798673	A	0.0601
rs2310127	G	-0.0264
rs4849682	T	0.0364
rs6747861	C	0.0722
rs1658999	G	-0.0334
rs10208562	A	0.0275
rs4671376	T	-0.0372
rs78867645	T	0.1178
rs115632481	A	-0.137
rs4618088	A	0.0236
rs79976614	G	-0.081
rs78225340	A	-0.0497
rs114112085	C	0.0591
rs73021369	C	-0.0775
rs11675772	A	-0.0307
rs148557380	T	-0.0632
rs79186871	C	0.0856
rs79239171	T	0.1309
rs76958697	T	0.0937
rs74423094	A	-0.1048
rs72870114	G	0.036
rs114882731	C	0.1517
rs77437276	C	-0.125
rs79714046	G	-0.0703
rs72838127	A	-0.0952
rs6751157	A	-0.0383
rs76450144	T	0.098
rs80034781	G	0.0759
rs10490109	G	-0.0248
rs2229957	A	0.0538
rs3736341	C	0.1019
rs114555592	T	0.0975
rs150051446	T	-0.1823

rs58012439	T	0.0384
rs13432304	T	-0.0357
rs72971695	G	0.0468
rs13028921	C	-0.0308
rs138703264	T	0.1327
rs1840117	C	0.0435
rs13024079	T	0.1015
rs75720375	C	-0.128
rs75360780	A	-0.0523
rs75360562	G	0.0799
rs17868348	C	-0.126
rs143074818	C	0.1038
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rs7564117	G	0.072
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rs72876680	T	-0.1159
rs1914675	C	0.0393
rs11683405	C	0.0288
rs77602566	C	-0.1253
rs1907781	C	-0.024
rs4662686	C	-0.0338
rs114217138	T	-0.1068
rs148016638	T	0.1588
rs58549655	C	0.0366
rs567897	G	-0.0249
rs55680571	C	-0.1649
rs116618086	A	0.2237
rs115764034	T	-0.1732
rs114609132	G	-0.116
rs77128061	G	0.0622
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rs75112382	C	0.09
rs79447049	C	0.1021
rs72798451	T	-0.1274
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rs2160783	G	0.0256
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rs74775893	G	-0.1055
rs280755	T	0.0236
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rs58465803	A	0.0291
rs7587171	G	-0.0247
rs72963831	C	0.1873
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rs13417081	A	-0.0333
rs9306878	G	0.0379
rs1131351	G	-0.027
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rs56295032	C	0.1257
rs13013898	T	0.0332
rs72918994	A	0.0826
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rs219147	C	-0.0263
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rs146600012	G	-0.1529
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rs1047889	C	-0.0286
rs34449727	T	0.0266
rs17575198	T	-0.0316
rs72923573	A	0.0645
rs10932123	T	0.0256
rs115226509	T	0.104
rs11884445	A	-0.0693
rs13431976	T	0.0448
rs11674270	A	0.0766
rs6717087	A	0.0292
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rs114382978	G	0.1402
rs10153698	A	-0.0599
rs78606181	A	-0.1033
rs3729565	G	0.0247
rs145537608	G	0.1523
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rs34242711	A	0.0487
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rs6742393	A	0.041
rs6740623	G	-0.0442
rs7607346	G	0.0446
rs139281807	A	-0.1314
rs10193131	T	0.0298
rs10933014	A	0.0249
rs117332229	G	-0.1536
rs968756	T	0.0363
rs4325703	T	0.0395

rs13386247	G	-0.0279
rs3889716	T	-0.0396
rs232570	T	0.0249
rs2902577	T	0.0273
rs72842447	A	0.0554
rs36091636	T	-0.1569
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rs3731714	T	-0.0262
rs4430922	T	0.0244
rs16984748	A	0.0619
rs6717002	C	0.0247
rs74999639	A	-0.0701
rs72763535	A	0.0316
rs76121979	G	-0.0886
rs6739504	A	0.1024
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rs113486875	G	0.0672
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rs2060194	A	-0.0366
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rs34924458	G	0.0509
rs139658144	A	-0.1276
rs114823685	T	-0.1503
rs2710638	A	-0.0327
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rs115367827	T	-0.1005
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rs149973466	G	-0.1168
rs146637646	C	0.1271
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rs2544371	G	-0.0235
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rs888426	C	0.0284
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rs9679543	T	-0.0294
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rs16858783	T	-0.0686

rs114607054	T	0.0969
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rs604159	C	-0.0246
rs62177713	A	-0.0825
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rs10804070	T	-0.0286
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rs12617270	A	0.0418
rs138977618	T	-0.122
rs73149126	A	0.1075
rs12474671	C	-0.0245
rs12478685	T	0.0338
rs72940468	T	-0.1027
rs62191161	A	0.061
rs17499335	T	0.1338
rs17025283	C	0.1499
rs4296429	T	0.0279
rs705066	A	-0.0259
rs7570293	C	-0.0238
rs76923064	C	-0.1073
rs12623975	C	0.0485
rs6757717	C	-0.0249
rs144351673	C	0.1194
rs114110541	A	-0.1482
rs114671056	C	0.133
rs55871716	A	0.065
rs149709681	G	0.1304
rs143445645	C	0.1057
rs10932738	T	-0.0305
rs61734806	C	-0.1161
rs76445583	C	-0.073
rs606089	C	-0.0344
rs843671	G	0.0246
rs1429368	C	0.0253
rs2396663	C	-0.0334
rs11675607	A	0.0393
rs13385571	C	0.0414
rs73943282	T	0.055
rs56164523	A	-0.0511
rs148304943	A	0.214
rs34466929	A	-0.0774
rs6726093	C	-0.0295
rs80009615	T	-0.1448
rs72775044	A	-0.0854
rs80165747	A	-0.0733
rs72787178	T	0.1006
rs11694697	T	0.0388

rs67002817	A	0.0272
rs115452935	A	0.2538
rs74901184	A	0.1086
rs6709527	A	0.0323
rs13015978	T	0.0654
rs114722476	T	-0.1238
rs112667120	A	-0.0585
rs1446548	C	0.0374
rs148463457	T	-0.1516
rs114908767	A	-0.1134
rs76278437	A	0.1612
rs115649123	G	-0.0903
rs80227929	C	0.0682
rs4972551	T	-0.0306
rs116048162	T	0.0697
rs6723682	T	-0.042
rs72780272	T	0.046
rs4953180	G	-0.0244
rs75496407	T	-0.1215
rs34189737	G	0.0531
rs1573989	T	0.0431
rs78254452	G	-0.2262
rs4671709	C	0.0272
rs3024791	T	0.0401
rs4560123	G	-0.0399
rs61592606	C	0.0754
rs17599328	G	-0.0392
rs77381037	A	-0.04
rs143168397	T	-0.1443
rs115086514	T	-0.0879
rs76966017	T	0.0775
rs146340105	G	-0.1405
rs6436661	C	-0.0555
rs73008276	T	0.0905
rs72542787	A	0.1054
rs78089526	A	0.142
rs144051692	T	0.1063
rs4467205	T	0.0555
rs74377131	A	0.1538
rs60881025	C	0.0243
rs142267276	G	0.1265
rs11688878	G	0.0281
rs115839239	T	-0.0441
rs10210050	A	-0.0237
rs11902342	G	0.0259
rs55849091	G	-0.0398
rs62163264	A	-0.0631

rs150500054	C	-0.1125
rs113474038	G	-0.1858
rs75096966	T	-0.1325
rs147084229	A	0.1591
rs4668659	T	0.0404
rs141516862	A	-0.2137
rs72840781	G	0.0808
rs73006987	G	-0.0409
rs140739205	A	-0.1861
rs34610594	A	-0.063
rs76786057	C	0.1136
rs62162853	T	-0.047
rs6758958	T	-0.0253
rs140405890	A	0.1341
rs849266	A	-0.057
rs6708454	C	-0.0277
rs12991755	C	0.0298
rs9653477	C	-0.0253
rs79329452	G	-0.0765
rs62151826	T	0.1503
rs79496535	T	0.1012
rs11679897	A	0.043
rs147513955	G	-0.0943
rs72900905	G	0.1725
rs79083667	T	-0.1612
rs7580611	C	0.0349
rs11674223	T	0.025
rs138967169	G	0.0698
rs10191710	A	-0.0315
rs17576726	A	0.1008
rs114982800	A	-0.0885
rs10153782	T	0.1317
rs13023674	C	0.0267
rs10048745	A	-0.0292
rs4461268	C	-0.1105
rs13014223	T	0.0398
rs142549381	A	0.0913
rs4849730	A	-0.0253
rs115513310	A	0.095
rs72961173	A	0.0299
rs12475189	T	-0.1908
rs17653058	T	-0.0318
rs6705567	C	0.0245
rs17584369	C	0.0924
rs116596490	C	-0.0943
rs16830277	T	0.0486
rs138753236	G	0.0975

rs35728391	G	-0.1041
rs115253974	G	0.1144
rs1439964	A	0.0311
rs10179954	G	0.0253
rs35880035	T	0.0426
rs111923008	A	-0.031
rs41509447	C	-0.0407
rs116448034	A	-0.0975
rs12328587	A	-0.0647
rs11899039	A	-0.0449
rs140143853	A	0.142
rs144813229	G	0.1701
rs7595688	T	-0.0268
rs79219122	T	-0.1239
rs75401518	A	-0.0645
rs2438172	T	-0.0405
rs36112528	A	0.1441
rs139313400	A	0.0334
rs7596830	A	0.0282
rs2889869	T	-0.1663
rs13428951	T	-0.0296
rs75299797	G	0.0845
rs113108715	G	0.0443
rs10185364	C	0.0378
rs16849473	C	-0.1824
rs6752233	A	0.0644
rs114817548	A	0.1274
rs79186350	C	-0.1262
rs78361200	A	0.0555
rs13403956	A	0.0365
rs511792	T	-0.0518
rs7599723	T	0.1009
rs7562182	T	-0.0434
rs938326	C	0.0241
rs75167970	T	0.0489
rs114694834	A	-0.1848
rs62157546	A	0.0741
rs7584645	C	-0.0336
rs17031779	C	-0.0914
rs79321128	A	0.1866
rs34310978	T	0.0628
rs114818876	T	0.0691
rs1579872	G	-0.047
rs57492979	T	-0.1099
rs76930264	G	-0.0574
rs115608804	A	-0.1099
rs140245912	G	-0.1741

rs2571460	T	-0.0244
rs4953161	T	-0.0249
rs72627458	G	-0.1116
rs17197688	C	0.049
rs785209	T	0.0344
rs17772131	C	0.0724
rs55642596	T	0.1193
rs3770857	G	-0.0263
rs10932050	T	-0.0239
rs4972443	C	-0.0381
rs56362104	T	-0.0812
rs78850110	A	-0.0761
rs55882109	C	0.0705
rs140031904	G	-0.1469
rs892447	G	-0.0254
rs111705308	A	0.1218
rs435852	A	0.0251
rs12620816	C	-0.0784
rs12617190	G	-0.1159
rs10171938	A	0.0299
rs115734869	T	0.1331
rs12617093	T	0.0297
rs116502639	A	0.0571
rs7558863	C	0.0297
rs116387149	G	0.1999
rs10164631	G	-0.0312
rs45556843	G	-0.0674
rs146479514	A	0.0677
rs10497614	G	-0.0653
rs7607242	T	-0.0285
rs13021550	T	0.0918
rs78959765	A	-0.142
rs76143177	T	0.0693
rs80324398	A	0.195
rs72881035	C	-0.1051
rs115040473	T	-0.1111
rs74838781	G	0.0264
rs16833322	T	0.0533
rs13409256	G	0.0298
rs114056577	A	0.1021
rs116041256	T	-0.1189
rs1438872	C	-0.0521
rs147882661	C	-0.1709
rs35850242	A	0.0384
rs8911	G	-0.0281
rs1560588	C	-0.1074
rs3731801	G	-0.0259

rs17862823	G	0.1164
rs114362251	A	-0.0965
rs76552416	A	-0.1362
rs6754159	A	-0.0464
rs78114196	T	0.1043
rs6542588	G	-0.0489
rs67264085	C	-0.0341
rs3769794	G	0.0304
rs115499558	G	-0.1007
rs140060213	T	-0.1388
rs151117086	T	0.197
rs17678182	A	-0.0789
rs2231896	A	0.1053
rs114094341	G	0.1421
rs77775770	C	0.0599
rs4973479	T	0.0615
rs73131797	G	-0.0503
rs2861051	T	-0.0799
rs149253915	T	-0.1759
rs148313239	C	-0.1334
rs2573215	G	0.0364
rs306142	G	-0.0422
rs79046562	C	-0.1868
rs12616287	T	0.1142
rs35180231	A	0.0886
rs72996400	A	0.1067
rs75956714	C	0.0947
rs146492148	A	-0.1354
rs74733001	T	0.2173
rs6739740	T	0.0246
rs71429274	A	-0.0952
rs62127528	G	0.0274
rs6710295	G	0.0247
rs116191748	C	0.0507
rs80319994	G	0.1675
rs1550322	A	0.0341
rs8176627	C	0.0515
rs72857003	A	0.0511
rs74964391	G	0.0665
rs1796447	G	-0.0698
rs67734159	T	0.1073
rs114880698	C	-0.0613
rs78977478	G	-0.1186
rs77957237	T	0.1021
rs66726478	A	0.0322
rs11683451	C	0.0352
rs34497831	T	0.1455

rs11886653	A	-0.0254
rs72777199	G	-0.026
rs1076459	A	0.0333
rs1878584	A	0.0315
rs76615208	T	-0.1114
rs76915994	A	-0.1007
rs72984691	T	-0.0665
rs150129385	C	0.2149
rs12623932	C	-0.0256
rs78706379	C	0.0559
rs145402411	T	0.1891
rs36181338	G	0.0271
rs62112212	T	-0.0666
rs114684886	A	-0.0663
rs11683205	G	-0.0407
rs1801184	C	0.0265
rs140847806	G	-0.0924
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rs1019972	T	-0.0599
rs6705974	G	0.0282
rs146705805	C	0.1553
rs16838854	A	-0.0259
rs16863159	G	0.0486
rs7568769	T	-0.0418
rs141951094	A	0.1274
rs4563167	G	-0.0353
rs143495115	T	-0.1581
rs10172644	G	-0.0799
rs145607070	C	0.1386
rs6755576	G	0.0301
rs114449980	C	0.1271
rs11680644	C	0.0244
rs80118223	G	-0.0883
rs10930293	C	0.037
rs6748358	C	0.0232
rs3791581	G	0.0351
rs11125054	T	0.0235
rs72804062	C	0.0897
rs117631712	C	0.1166
rs67628658	G	0.0352
rs7562028	G	-0.0532
rs72838242	A	0.0707
rs78305390	A	0.1226
rs72789619	G	0.067
rs62148934	A	-0.0953
rs13430744	T	0.0245
rs4667749	A	0.0556

rs6730831	T	0.0615
rs1949297	G	-0.0242
rs1035122	G	-0.0274
rs2380671	G	0.0268
rs112558248	T	0.0525
rs4462823	A	-0.0584
rs76863546	T	0.1419
rs354210	A	-0.1245
rs150465452	G	-0.1242
rs55939412	T	0.0495
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rs11891024	T	0.0267
rs148459559	C	0.1229
rs35476833	A	-0.0242
rs7608658	G	-0.0266
rs12620653	T	-0.0382
rs6729975	G	0.0249
rs6729108	T	-0.0365
rs16864022	G	0.0628
rs6752837	A	-0.0259
rs1961080	T	-0.0264
rs80060332	G	-0.1574
rs12479127	G	-0.0235
rs62169103	A	-0.136
rs79203683	A	0.1141
rs62174268	T	-0.1838
rs78818336	G	-0.1274
rs57455455	G	-0.0439
rs143222562	T	-0.0343
rs115479892	T	-0.1116
rs13019744	T	-0.0434
rs12619418	C	-0.0877
rs12996185	C	0.1773
rs10210612	T	0.0239
rs4414631	G	0.0739
rs140180927	T	0.1051
rs7558951	G	0.0519
rs114774514	A	0.1659
rs11677810	A	0.0298
rs72838311	T	0.0418
rs72842454	C	0.095
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rs78231049	A	0.1244
rs312027	C	-0.038
rs10210091	C	-0.0443
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rs72842623	T	-0.169
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rs79401981	T	-0.0301
rs72981305	G	-0.1055
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rs143718379	T	-0.1301
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rs12475643	T	-0.0645
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rs16861605	A	0.0391
rs7561527	C	-0.0291
rs6546339	C	-0.0331
rs80306247	A	0.036
rs12989057	A	-0.0346
rs10496179	T	0.0367
rs13386398	T	0.0738
rs116494168	T	-0.0905
rs144282232	G	-0.1215
rs72910521	G	0.1167
rs6548154	T	-0.026
rs79200887	G	0.1005
rs6545338	T	-0.0525
rs115691382	C	0.1487
rs144746598	A	-0.1469
rs79545486	T	0.1326
rs80240257	A	0.0613
rs7596135	T	-0.0261
rs4241160	T	-0.0342
rs77210125	A	0.1172
rs77268291	T	-0.1807
rs72905066	T	0.0572
rs148331067	A	-0.129
rs16848668	A	0.027
rs16824131	G	0.0475
rs151160166	G	0.14
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rs138834866	A	-0.1867
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rs16850016	G	-0.0494
rs140829024	A	-0.1218
rs11680328	T	0.0347
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rs6711875	C	0.0283
rs34238109	G	-0.0407
rs62193601	C	0.0943
rs80087574	C	-0.1199
rs139352485	A	0.1108
rs75661010	G	-0.0701
rs75349010	T	0.1143
rs12053503	G	0.0343
rs77770634	C	-0.1876
rs4233897	C	0.0347
rs139700457	T	0.0935
rs62177670	T	-0.0284
rs140804902	C	0.0429
rs4972793	A	-0.024
rs13399951	T	-0.0457
rs17393065	A	0.0277
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rs74182885	A	-0.0282
rs71413692	C	0.0932
rs6718262	T	-0.0298
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rs138233508	T	0.072
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rs141175641	T	0.17
rs12475663	A	-0.0239
rs881952	C	0.0246
rs56380109	T	-0.063
rs10210797	T	0.1167
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rs62140398	T	0.0347
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rs13024217	T	0.0511
rs4442966	G	-0.0261
rs6722586	C	-0.0235
rs4850932	G	-0.0388
rs12619710	C	0.028

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rs2160333	T	0.0292
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rs74655208	A	-0.2327
rs78690924	G	-0.0862
rs16844887	G	0.1678
rs146929875	T	0.1505
rs114787504	T	-0.111
rs80130556	G	-0.0803
rs13416658	T	0.1021
rs10460358	G	-0.0233
rs10930565	G	-0.0309
rs4853611	A	-0.024
rs61055709	A	0.0251
rs6748359	C	-0.0238
rs72777300	T	0.0757
rs143166447	C	-0.0768
rs7577500	T	0.0265
rs13411648	G	0.0692
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rs6705961	T	0.0241
rs333234	C	-0.0262
rs13401678	T	0.0298
rs75455672	A	0.1156
rs16863630	T	0.0474
rs1728143	A	-0.0544
rs115306445	A	0.0966
rs6705111	A	-0.062
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rs13425658	T	0.0262
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rs111886250	T	-0.111
rs6736298	G	-0.049
rs151185342	A	-0.1298
rs1494072	A	0.0285
rs55729852	G	0.129
rs112917582	A	0.0968
rs143045827	A	0.0699
rs12615003	C	0.0309
rs56236017	A	0.0943
rs114878057	C	0.1494
rs2539861	C	0.0427

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rs6431932	G	0.0587
rs77921873	A	-0.0905
rs36028403	A	-0.1127
rs78058603	G	-0.1073
rs4674108	A	-0.0284
rs13034681	C	0.0345
rs13405641	A	-0.0309
rs115878088	A	0.1051
rs4145831	C	0.0335
rs10190802	A	-0.1137
rs17244080	G	0.0512
rs76596993	G	-0.065
rs2119488	A	-0.0409
rs62154921	T	0.0506
rs114172653	C	-0.0733
rs79143829	A	0.1617
rs111989261	C	0.1606
rs7601768	A	0.0255
rs58155073	C	0.0954
rs10498048	C	0.0693
rs2971837	C	0.0323
rs2556101	A	0.0587
rs116496970	T	-0.0731
rs787182	T	-0.024
rs16863873	T	-0.0382
rs6716468	G	0.1435
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rs11125027	T	0.0261
rs113736031	A	-0.1326
rs10205036	C	0.0339
rs16838934	A	0.0433
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rs17575302	A	0.0369
rs148343035	C	0.1144
rs60585869	A	-0.1124
rs10169719	T	-0.0657
rs56405671	T	0.026
rs3791524	T	-0.0354
rs115660256	A	-0.1866
rs114033319	G	0.1239
rs76055190	T	0.142
rs879665	A	-0.0328
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rs2114811	C	-0.0341
rs149724409	G	-0.0603
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rs16843382	G	-0.0452
rs74983045	G	0.0802
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rs112674017	A	-0.0845
rs113135111	C	0.057
rs17036075	G	0.0989
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rs77905082	C	0.1614
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rs3816191	T	-0.0233
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rs114743094	G	-0.0845
rs918345	C	0.0293
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rs7562476	A	0.0317
rs10196406	A	0.0379
rs117182865	C	-0.1668
rs115036383	A	-0.1749
rs74725755	G	0.1463
rs149512256	G	-0.1054
rs6729448	G	-0.0412
rs79766217	A	0.1775
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rs78225547	A	-0.1135
rs1459162	T	-0.0234
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rs113396325	A	-0.0499
rs57195340	A	0.1692
rs6750314	G	-0.0565
rs328636	A	0.0377
rs72814192	C	-0.0424
rs35041815	T	0.0386
rs36120543	C	-0.1739
rs77760823	G	0.0824
rs13412855	G	0.057
rs35680433	G	0.2102

rs2028137	T	-0.0327
rs2564046	A	-0.0324
rs1453084	A	-0.0353
rs116333240	C	-0.0943
rs3791997	A	-0.0231
rs141231918	C	-0.0893
rs115282281	C	0.1394
rs145728549	G	0.0851
rs12470009	C	0.0906
rs62179990	A	-0.0547
rs4669569	C	-0.0297
rs143872434	T	-0.1115
rs77879044	C	0.1159
rs6542736	A	0.0237
rs76544975	T	-0.0971
rs150785831	A	-0.0825
rs16861736	T	0.1087
rs75845517	C	0.0257
rs79500119	G	0.0771
rs77043830	A	-0.0403
rs17014308	A	0.0251
rs150706051	C	-0.1025
rs146016505	A	0.1076
rs55853619	C	0.0264
rs3769273	C	-0.0272
rs74264799	A	-0.0369
rs74720634	T	0.1097
rs62186782	A	-0.0911
rs3935483	T	-0.0239
rs17013200	C	0.0341
rs10193950	G	-0.0238
rs115137957	T	0.1027
rs72954511	C	-0.1057
rs7568725	T	-0.0303
rs58932504	A	0.0308
rs10929962	C	0.0338
rs4640333	G	0.0246
rs139920327	T	0.0684
rs115345187	T	-0.1301
rs116146320	T	-0.1178
rs7576413	T	-0.0417
rs73045729	C	0.0494
rs7594181	T	0.0274
rs151262927	A	0.1681
rs150170238	C	0.1038
rs4629176	T	0.0261
rs116650168	A	0.0579

rs16829858	G	0.0647
rs979052	T	0.0494
rs806592	A	-0.0307
rs2216125	A	0.0452
rs11126738	G	0.0256
rs6432674	T	-0.0227
rs4972394	C	0.0491
rs280643	G	-0.1396
rs79170872	T	0.0478
rs74354753	C	-0.0786
rs116750435	C	0.1352
rs4954148	C	-0.0315
rs116818056	T	0.1516
rs13409347	G	0.0231
rs13431698	C	-0.095
rs4848645	G	0.0317
rs76316987	C	-0.0433
rs62112219	T	-0.0347
rs75679231	C	0.1331
rs1869686	A	-0.0297
rs115009322	G	0.1349
rs12692704	G	-0.0578
rs71419096	C	-0.1433
rs79577277	A	0.0866
rs828919	A	0.0609
rs6756903	C	0.0232
rs73111445	T	-0.0613
rs62132706	A	-0.055
rs116630057	T	0.0708
rs2961956	T	0.0235
rs10498102	A	-0.0225
rs13004889	T	0.0274
rs11125163	C	-0.0239
rs55682778	C	0.0618
rs142452305	C	0.0656
rs140092424	G	0.1465
rs55668382	T	0.0253
rs334044	T	0.0243
rs72963614	G	0.0615
rs73005547	T	0.0963
rs62109015	T	-0.0282
rs12713124	A	-0.0226
rs626501	A	0.0304
rs10498059	C	0.0991
rs138797054	A	-0.1429
rs149230509	G	-0.139
rs62176728	T	0.0349

rs75883798	C	0.09
rs141955552	A	-0.1527
rs137963630	A	-0.1266
rs17526687	T	0.0886
rs75077901	T	0.052
rs55890343	T	0.0469
rs17862703	C	0.0749
rs117902111	G	0.0704
rs17025128	T	0.0727
rs13034102	A	0.1208
rs11892190	G	0.0316
rs55805871	A	-0.1743
rs72812030	C	0.2088
rs34923683	A	-0.1051
rs74536684	A	-0.0943
rs6755604	G	-0.0611
rs17449032	C	-0.0888
rs6760920	T	-0.03
rs36065188	T	-0.0315
rs851411	A	-0.0266
rs72826883	A	0.0917
rs72944765	G	0.097
rs12467854	G	0.0277
rs1495925	A	0.0246
rs75588438	T	-0.0952
rs4383346	G	-0.0321
rs3845821	C	0.0532
rs112552398	A	0.0897
rs2255378	A	0.0825
rs4674556	T	-0.0259
rs1427407	T	-0.0319
rs7599323	T	-0.0303
rs150515970	G	0.116
rs72617027	C	0.0717
rs72852711	A	-0.0354
rs16866834	G	0.04
rs74679066	A	-0.1817
rs72970608	T	0.1013
rs75758114	C	-0.1522
rs7600992	T	-0.0238
rs57037842	T	-0.0243
rs7575284	T	-0.0255
rs13405938	A	0.0786
rs72933728	T	0.1706
rs2579980	A	0.0405
rs7574418	T	0.0918
rs77738767	T	0.0332

rs116590871	G	-0.0849
rs114283841	A	-0.1119
rs140247653	C	-0.1595
rs698251	G	-0.1067
rs112474766	C	0.1386
rs12463741	G	0.0332
rs138316413	G	-0.1393
rs1016288	G	0.0866
rs76267457	A	0.0964
rs115373009	A	0.1391
rs80153284	A	0.1337
rs62115717	A	-0.059
rs6713116	T	0.0471
rs10187644	T	-0.0239
rs79669128	T	-0.0787
rs77426442	A	0.0719
rs17211162	C	-0.037
rs76820615	G	0.1448
rs72940951	G	-0.0895
rs113951544	T	-0.1091
rs116575376	A	-0.1122
rs35875128	A	0.0376
rs303045	G	-0.0451
rs73107452	G	-0.0283
rs2002685	A	-0.0309
rs74789872	A	-0.1674
rs10202408	A	0.0315
rs114662165	G	0.0777
rs17043744	C	-0.0892
rs7419903	C	-0.0267
rs2707537	C	0.0232
rs2919058	A	-0.0277
rs12694256	C	0.0346
rs114863531	G	0.1614
rs114151942	A	0.1209
rs78411421	G	-0.1062
rs6742829	G	-0.0718
rs62172126	A	-0.0592
rs143937792	A	-0.1631
rs115184850	A	0.0782
rs74327180	A	-0.151
rs78110705	T	0.0846
rs76975412	T	-0.1329
rs10193073	C	-0.0491
rs10928925	C	0.0258
rs150523289	A	-0.1067
rs13390613	G	0.0278

rs138229691	C	0.1562
rs79050539	A	-0.1485
rs73092640	A	0.1462
rs4665543	A	0.0277
rs62128425	A	0.0446
rs79230362	A	0.0715
rs62192052	T	0.1172
rs10167668	G	0.0413
rs10490094	G	0.0417
rs116511118	T	-0.2021
rs78070774	G	-0.0855
rs16822786	C	0.0945
rs11126312	A	0.0353
rs34321632	A	-0.1538
rs41326844	C	0.1254
rs13424780	C	0.0383
rs114434229	A	-0.1078
rs34005975	T	-0.1373
rs116490791	C	-0.1422
rs141290974	C	0.1062
rs12466101	A	0.0277
rs895804	T	-0.0328
rs2411925	C	0.0377
rs146432363	A	-0.0493
rs17321271	G	0.0722
rs148031063	A	-0.067
rs10804193	G	0.0245
rs12692531	A	-0.0232
rs11687763	A	-0.0318
rs4854479	C	0.0339
rs2119507	T	-0.0347
rs7564432	T	0.0302
rs71413676	A	-0.1023
rs80060693	C	-0.0504
rs34274023	A	0.0332
rs7565942	G	0.101
rs6717102	C	0.045
rs2396718	C	0.0447
rs12478806	A	0.0711
rs10185930	G	0.0269
rs17862801	C	-0.0276
rs116426656	G	-0.0949
rs10176300	A	0.0623
rs115081617	C	-0.1022
rs76768922	G	-0.1835
rs13421086	A	0.0424
rs115162189	G	-0.1518

rs74001301	A	0.0819
rs111521135	G	0.1284
rs13391781	G	0.0703
rs34150606	A	0.0277
rs1462524	A	-0.0502
rs12464454	A	0.0256
rs11466297	G	-0.0444
rs80098689	T	0.1226
rs77219619	T	0.063
rs2589058	T	0.0386
rs60724372	A	0.0453
rs112483073	C	0.1089
rs111607693	T	0.1179
rs76116224	T	-0.0468
rs45579331	G	0.163
rs57041989	C	0.0294
rs147781239	G	0.0951
rs10183196	A	0.0317
rs1434978	C	0.0283
rs77476283	A	0.0762
rs148188642	A	-0.1274
rs72796256	T	0.0581
rs12373638	T	-0.0233
rs11687839	G	0.026
rs116635504	A	0.1014
rs34703500	C	-0.0384
rs74940968	A	-0.0763
rs141941143	G	0.176
rs1877871	G	0.0273
rs11694155	T	0.0366
rs111505623	T	0.0318
rs11692121	G	0.0349
rs11675762	C	0.0319
rs2058904	G	-0.0262
rs6760922	A	0.0248
rs16843320	G	0.0281
rs115512949	G	0.1533
rs75752977	A	0.0855
rs11889278	G	0.0427
rs77575195	C	-0.0244
rs3171985	A	-0.0621
rs141609887	G	0.132
rs139161130	G	0.1278
rs62180897	G	0.0802
rs114122614	G	0.0732
rs13418347	C	0.0794
rs3311	A	-0.0616

rs11685236	T	-0.0553
rs6719779	C	-0.0246
rs76587541	T	-0.0822
rs4349367	G	0.1488
rs11695190	T	-0.0319
rs72960342	A	0.071
rs72969371	T	0.1423
rs144320781	T	0.1146
rs72778436	C	-0.0918
rs141781625	G	0.1282
rs6758709	C	-0.0594
rs28658028	G	-0.038
rs73992720	A	-0.1146
rs12467977	C	0.0696
rs6747176	A	0.1079
rs13432974	G	-0.0923
rs1357435	A	0.057
rs36008703	T	0.0908
rs1975382	G	-0.0369
rs12479030	C	-0.0225
rs16824240	C	-0.0529
rs11677647	T	0.0229
rs7574120	T	-0.0308
rs1996511	T	-0.0291
rs115922586	G	-0.1108
rs219547	G	-0.0385
rs62149740	A	-0.0722
rs6432831	A	-0.0237
rs35491011	G	-0.0225
rs55807941	G	0.0957
rs138138986	A	0.1033
rs12469092	G	0.0232
rs76260025	G	-0.0594
rs10519519	A	-0.0331
rs76457206	A	-0.0737
rs79691964	A	-0.0353
rs11125845	T	-0.035
rs6721986	A	0.0802
rs6713044	T	-0.117
rs1226900	C	-0.0322
rs16865645	T	0.0319
rs138394898	A	0.1244
rs62199036	A	0.0329
rs11692732	G	-0.1028
rs114834499	A	0.0931
rs146047620	G	0.1302
rs7576864	T	0.0238

rs80068792	A	0.0899
rs59450988	T	-0.0732
rs11123318	G	-0.0335
rs10165543	A	0.0797
rs62174867	T	-0.0341
rs73042128	T	0.0546
rs56884177	T	0.026
rs10174050	C	-0.0354
rs78424901	C	0.1104
rs13027682	T	0.0251
rs115772765	C	-0.1425
rs144397116	A	0.1371
rs78340965	A	-0.0705
rs7575244	T	0.0236
rs11678489	C	-0.0313
rs113343298	A	-0.072
rs35674887	A	-0.0477
rs1505727	C	-0.0469
rs115257668	G	-0.0897
rs691066	C	-0.0305
rs4675851	G	0.1413
rs62130613	C	-0.1725
rs111859325	C	0.1033
rs6706275	T	0.0259
rs3888023	C	0.035
rs71435446	T	0.1553
rs149783071	A	0.0534
rs139738466	A	-0.0831
rs142010238	T	-0.0472
rs11571290	A	0.0753
rs17599910	C	-0.0678
rs139120802	T	-0.1149
rs12713247	C	-0.0293
rs57982650	C	-0.0517
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rs12714116	A	-0.0255
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rs7575767	C	-0.0228
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rs7604307	C	-0.0328
rs68081993	A	0.0277
rs12994142	T	-0.0794
rs2889603	A	-0.0352
rs10928761	T	0.0229

rs13003114	C	0.0247
rs138286070	C	-0.1653
rs73958638	G	0.0461
rs79264884	T	0.1436
rs11695633	T	0.1082
rs72814783	A	-0.0589
rs67777852	G	-0.0236
rs75048997	A	0.0854
rs6746096	G	0.0909
rs62123760	A	-0.0233
rs2699187	A	-0.022
rs111809385	A	0.1078
rs115674477	G	-0.1321
rs4581881	G	0.0249
rs143099052	T	0.1154
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rs17530371	T	-0.0454
rs62176351	A	-0.0632
rs10202997	A	0.1037
rs921605	C	-0.0243
rs35849680	A	0.0776
rs3105489	T	-0.0421
rs12477399	T	-0.1106
rs6758890	T	-0.0759
rs6738940	A	-0.0298
rs140985243	T	-0.0877
rs149568009	G	-0.1228
rs61619378	A	0.0311
rs3761712	A	0.023
rs11127340	C	-0.0303
rs11685487	T	-0.0568
rs138503904	G	0.0894
rs115397098	G	-0.1994
rs2239596	C	0.0244
rs6749594	T	-0.0555
rs42794	G	-0.0247
rs2003337	T	-0.0504
rs76759803	A	-0.0978
rs825709	T	-0.0238
rs77672086	C	-0.0668
rs16830467	A	-0.0926
rs76188912	T	-0.0523
rs58644770	G	-0.0225
rs114712853	A	0.0744
rs78536225	A	0.052
rs13403875	A	0.0439
rs12620608	T	-0.0273

rs3732341	A	-0.0242
rs140231851	C	0.1842
rs10209091	A	0.0565
rs3132031	C	-0.0408
rs62193679	T	0.0738
rs2675123	A	0.0276
rs75511952	T	-0.1012
rs4848909	A	0.0246
rs112584955	T	0.0466
rs79463214	C	-0.0832
rs13395496	C	0.0409
rs10175391	T	0.0245
rs111862769	T	-0.1404
rs76209008	T	-0.0804
rs149491538	A	-0.0718
rs45473292	A	0.108
rs4542840	C	0.0245
rs143696461	C	0.1243
rs7562894	A	0.0366
rs16839080	C	0.0949
rs1221528	A	-0.0524
rs111491230	C	-0.1091
rs10175340	G	0.0256
rs55897987	A	0.0648
rs17412126	G	-0.0614
rs935673	G	-0.0239
rs71416710	T	0.0704
rs602622	C	-0.0385
rs112402825	A	-0.0801
rs112918104	T	0.0502
rs75743445	A	0.0956
rs62196722	A	-0.1134
rs13010009	G	0.0332
rs76394241	C	0.0469
rs78098999	T	0.0688
rs116241232	C	-0.1381
rs114476347	C	0.085
rs150285041	A	0.0284
rs10208256	G	-0.149
rs1721263	A	0.0285
rs12693960	G	-0.0235
rs13387070	A	0.0551
rs75963244	A	-0.0811
rs13006240	T	0.0278
rs114480465	G	0.0925
rs76309724	A	0.0659
rs68060408	T	-0.0652

rs2317018	T	0.0228
rs148306512	T	0.0472
rs111731167	A	0.1013
rs6545718	C	0.0224
rs115542699	G	0.0993
rs28651164	T	0.0345
rs1371548	A	0.027
rs116369887	T	-0.1769
rs149710760	A	-0.1718
rs72799074	T	0.0587
rs7593512	G	0.0324
rs10168193	A	-0.0272
rs35434412	T	0.0311
rs4670993	T	0.0308
rs115136161	A	0.216
rs4521021	C	0.034
rs74562911	G	-0.0376
rs74765439	T	0.1148
rs2602388	C	0.1287
rs114342890	T	0.0583
rs4627631	C	-0.0263
rs148648415	C	-0.106
rs114491382	G	-0.1127
rs114630113	G	-0.1181
rs2380793	T	0.0347
rs10196343	G	0.0363
rs79937508	C	-0.0958
rs2178649	G	-0.0341
rs147977599	C	0.0765
rs58157008	T	0.0399
rs1448971	C	-0.043
rs4671816	T	-0.1234
rs75420377	A	0.0417
rs7592007	G	0.1113
rs12233107	T	0.0229
rs76038920	A	-0.0962
rs111701692	G	0.1114
rs4146045	A	-0.0496
rs13382463	A	0.0968
rs76022760	G	-0.1023
rs2229267	G	-0.0288
rs1521654	T	0.0393
rs4377332	C	0.023
rs115510684	A	0.1369
rs72793762	G	-0.0838
rs77495340	G	0.0532
rs11695048	T	0.0244

rs141090407	C	0.1473
rs11686487	G	0.0288
rs113389172	G	-0.0449
rs4567998	A	-0.025
rs35705591	A	-0.1667
rs79060470	C	-0.1399
rs34454465	A	0.1059
rs113277456	C	0.1242
rs45622435	T	0.0963
rs74586563	A	0.0449
rs10200963	T	-0.0471
rs79838602	A	-0.047
rs10496142	C	-0.0353
rs1495924	G	-0.0277
rs3845787	A	0.0245
rs79732586	C	-0.1114
rs11891141	T	0.0225
rs77573229	G	-0.0781
rs10205815	C	0.028
rs115965349	C	-0.1171
rs76653729	C	0.0304
rs140034878	T	-0.1536
rs12465498	T	0.024
rs34295653	C	0.1045
rs76820011	A	0.1123
rs117768367	T	0.0902
rs12475510	A	-0.0395
rs115710773	A	0.0545
rs7558378	C	0.0241
rs139186535	C	0.0773
rs146927599	T	0.1083
rs11690204	G	-0.0263
rs41523751	T	0.0764
rs78760355	C	0.1239
rs1594526	C	0.0237
rs13402018	A	0.128
rs72789091	C	-0.1353
rs55876157	T	-0.0642
rs13416221	C	-0.1208
rs62179609	A	0.0276
rs142260602	C	-0.1593
rs145943687	T	0.0964
rs114631227	T	0.1945
rs116284769	G	-0.2023
rs76264326	G	0.1148
rs2110875	A	0.0229
rs3796115	C	0.0735

rs2556376	C	-0.0309
rs75143008	C	-0.064
rs77909168	G	-0.1425
rs112486205	A	0.0682
rs4666369	A	-0.0282
rs10199008	T	0.0278
rs77918110	A	0.0985
rs11692398	C	-0.0433
rs12986792	G	0.0286
rs6745237	T	-0.0312
rs78636227	C	0.1102
rs113445950	T	-0.1187
rs113999516	G	-0.064
rs78536716	C	-0.1272
rs114092277	C	-0.0523
rs17586912	C	0.0408
rs76837121	G	0.1252
rs72785892	T	-0.073
rs75809819	T	-0.0521
rs35134372	T	0.1617
rs114516902	A	-0.133
rs34306396	A	0.0291
rs2969341	C	-0.0344
rs1609871	G	-0.0278
rs78884017	T	-0.0428
rs10185675	G	-0.0888
rs34733670	A	-0.0575
rs6734270	G	-0.0266
rs142489828	T	0.1741
rs76378576	C	0.1142
rs144402809	A	0.1782
rs76286743	T	-0.0262
rs35097402	A	0.043
rs4429487	G	-0.0269
rs7574592	T	0.0243
rs1829226	G	-0.0262
rs35341582	G	0.0756
rs76455880	C	-0.0657
rs72776607	A	-0.0482
rs62173981	G	-0.0316
rs144068276	C	0.1634
rs4894010	A	0.0734
rs147756836	T	-0.1034
rs56121122	T	0.0379
rs7605367	C	0.0269
rs116211145	C	0.089
rs58079571	T	-0.0515

rs6730476	A	0.0295
rs72857200	G	0.1531
rs80277234	A	0.1026
rs77597484	A	0.1703
rs2049060	A	0.0226
rs6720438	A	-0.0271
rs113183336	A	0.1247
rs2679891	T	0.0448
rs6730911	G	-0.0236
rs114594765	A	0.1612
rs16867179	T	0.038
rs72836401	T	-0.0552
rs2863020	G	-0.0258
rs72865037	T	0.0349
rs111244756	T	-0.126
rs115348282	A	0.151
rs11127182	G	-0.0265
rs2008535	A	-0.0274
rs72797274	C	-0.0658
rs2160092	A	-0.0223
rs114812438	T	0.1063
rs143331518	A	-0.1522
rs6719504	T	0.0494
rs1438901	C	0.0517
rs1401743	G	-0.022
rs10170160	C	-0.0292
rs11096624	C	-0.0261
rs11123856	G	0.0234
rs72969941	C	-0.1356
rs12623425	T	0.046
rs6722161	G	0.0776
rs114911264	G	-0.1108
rs79954602	T	0.0936
rs115397433	A	0.09
rs483932	T	0.1783
rs10497616	T	-0.0287
rs6758272	C	0.0404
rs2110639	A	-0.0256
rs11902458	C	-0.0242
rs17044971	T	-0.0401
rs144809228	A	0.1192
rs114033894	G	-0.1238
rs77115620	A	0.0847
rs13430964	A	-0.0448
rs1715826	G	-0.0217
rs17439452	T	0.0223
rs62131819	A	-0.0237

rs12474354	A	-0.0259
rs13404170	A	-0.0236
rs12693093	C	0.023
rs62168097	G	0.0319
rs55668938	T	-0.1156
rs76720471	T	-0.1509
rs2288356	C	0.0227
rs75086379	A	0.1315
rs7557483	G	-0.0321
rs146398275	A	-0.1456
rs76040960	T	0.1057
rs13390934	A	0.023
rs6531137	A	-0.0259
rs6739981	G	-0.0326
rs77334374	A	0.1208
rs79327184	T	-0.1622
rs72826114	C	0.0396
rs80104025	A	0.1077
rs1533964	T	-0.025
rs6719521	C	0.0238
rs75922635	A	0.1599
rs11898334	T	-0.024
rs115706734	G	-0.0793
rs77421087	T	-0.1595
rs112040137	T	-0.0596
rs10496984	A	0.1066
rs56178109	T	-0.0455
rs1483566	A	0.108
rs11889528	A	-0.053
rs116051031	A	0.0901
rs12469273	G	0.0284
rs146039931	A	0.1495
rs824939	G	-0.0323
rs13313750	C	-0.0241
rs13410516	G	-0.1288
rs12469577	A	-0.0296
rs13012171	G	0.0311
rs150230841	G	-0.142
rs35404608	A	0.0377
rs62167793	C	-0.078
rs16867427	G	0.1139
rs148966033	C	0.1015
rs896988	A	0.0221
rs139826876	T	0.101
rs144436018	A	-0.0331
rs77377333	A	0.1809
rs62129923	A	0.0338

rs147680059	A	-0.1587
rs112075523	A	-0.1501
rs74959981	A	-0.0371
rs17515225	T	-0.0224
rs16846465	C	0.0506
rs6437363	T	0.0298
rs11693953	T	0.0514
rs143446353	C	-0.1382
rs35971357	A	0.0616
rs12463789	C	-0.0251
rs10176318	A	-0.1044
rs6756581	C	-0.0251
rs12052252	T	0.0332
rs112275848	G	-0.0408
rs62167396	A	-0.0723
rs6757026	T	0.046
rs12105001	A	0.0475
rs78089797	A	0.0467
rs75850227	T	0.0811
rs74849582	T	-0.0609
rs903756	G	0.0269
rs143658977	T	0.0838
rs79466292	C	-0.1282
rs75543844	A	-0.1598
rs4072407	A	0.0288
rs92303	T	0.0333
rs142560902	C	0.055
rs112601589	C	-0.1491
rs112458837	A	0.1385
rs60325421	T	0.0321
rs115171553	T	0.1076
rs144078270	C	0.1863
rs62146340	C	0.0437
rs144280520	A	0.0867
rs115424510	G	-0.0968
rs116263522	C	0.0785
rs3024921	T	-0.1057
rs10210219	T	0.0391
rs116571993	A	0.1148
rs78962129	T	-0.1311
rs17033387	T	-0.0587
rs112627904	C	0.1734
rs2218306	C	0.0245
rs62171234	T	-0.0369
rs76751024	G	-0.0523
rs34551046	C	-0.0339
rs1814826	G	0.03

rs115240906	C	0.1296
rs1368202	T	0.0585
rs143601671	G	0.1125
rs13027902	A	-0.1677
rs6728695	A	0.0481
rs72815308	G	-0.1097
rs73121385	C	0.0801
rs4668516	C	0.0265
rs55740273	T	-0.0638
rs6722101	A	0.0231
rs7590460	A	-0.0445
rs7557431	G	0.0332
rs9710744	A	-0.0292
rs112147394	A	0.05
rs61085921	T	-0.0234
rs1460216	A	-0.0395
rs6722662	C	-0.0394
rs17262136	A	-0.0948
rs145966524	T	0.0643
rs79246357	A	0.1663
rs75379044	T	-0.1031
rs115749105	T	-0.1651
rs62181736	C	0.0263
rs138124326	T	0.1306
rs75350585	G	-0.1403
rs77983764	T	0.1122
rs10203950	G	0.0233
rs3670	C	0.0788
rs1456598	A	-0.04
rs78338182	T	0.0682
rs116356813	C	-0.1157
rs77055211	T	-0.1173
rs707105	T	0.0219
rs115819426	A	-0.1138
rs35751842	G	-0.1607
rs142778894	T	-0.2101
rs144521304	A	-0.1155
rs78235891	C	-0.0352
rs4493277	T	0.0247
rs13007737	A	-0.0652
rs116555297	T	-0.0463
rs11896089	A	-0.04
rs150630394	T	0.1562
rs113182506	A	-0.1523
rs35855182	T	-0.0585
rs60491550	C	-0.0356
rs72992728	A	0.1208

rs111760575	C	-0.0863
rs11687715	G	0.0261
rs17267998	G	0.1007
rs78761016	A	-0.1171
rs77504762	T	-0.1501
rs34548898	G	0.0241
rs13397060	T	-0.035
rs786271	G	0.0229
rs7575757	C	0.0283
rs76237886	A	-0.0914
rs6735382	C	-0.0226
rs147319035	G	-0.1085
rs1159582	C	-0.0228
rs12993953	A	0.0573
rs1372934	G	0.074
rs7562748	G	0.0263
rs6731670	C	-0.0259
rs905965	A	0.0251
rs142423383	G	-0.0371
rs72841887	C	0.0791
rs74760651	T	-0.047
rs10153655	C	-0.0611
rs13024549	T	-0.0306
rs73104100	A	0.0248
rs115092121	C	-0.1494
rs78052409	C	-0.0964
rs6542388	C	-0.1078
rs66794250	A	0.0326
rs3771963	A	-0.0687
rs7593751	T	0.023
rs114767946	A	-0.1689
rs13397696	A	-0.0989
rs77715330	C	-0.0428
rs4973475	C	0.0243
rs1607657	T	0.0539
rs4662987	C	0.0536
rs113863947	G	-0.0818
rs2138194	G	-0.0278
rs62198889	A	-0.0872
rs76802683	A	0.106
rs114432550	C	-0.0851
rs4674599	A	0.0216
rs2024484	A	-0.0564
rs114996394	G	0.1057
rs75452341	C	0.1513
rs62144522	T	0.028
rs16828078	G	0.1323

rs2358485	T	0.0305
rs138228871	T	0.1505
rs112760880	A	0.0747
rs115327596	C	0.0839
rs139589755	A	-0.1052
rs11126471	A	-0.0226
rs2396327	A	0.0224
rs17024021	G	0.087
rs141479796	G	0.133
rs73996240	T	0.075
rs6725953	T	0.0242
rs11682365	A	-0.0284
rs113753169	T	0.0551
rs79583301	A	-0.0447
rs72807067	A	-0.0315
rs35047785	G	0.1125
rs2355053	T	0.077
rs79384831	C	0.0497
rs6546068	A	0.043
rs72832101	A	0.0437
rs116786648	C	0.0779
rs138850720	C	0.1056
rs62187021	G	0.102
rs34210417	G	0.1856
rs4299382	C	-0.025
rs112190002	T	0.0479
rs111539854	C	-0.1019
rs114267378	C	0.0666
rs74830532	G	-0.0811
rs6743025	A	-0.0276
rs79388923	G	-0.1092
rs55981830	A	-0.0991
rs6435639	G	-0.023
rs115811757	C	-0.1519
rs114441305	C	0.0881
rs77540486	T	-0.1154
rs9677271	C	0.0309
rs7587151	T	-0.0392
rs10188439	G	-0.0275
rs62140507	G	0.0286
rs116275410	T	-0.1334
rs11126695	C	-0.0272
rs72921068	T	0.1346
rs62157396	G	-0.0793
rs4973400	G	-0.0258
rs72771124	G	0.0812
rs6733372	C	0.0225

rs74708644	G	0.0597
rs12694470	C	0.0513
rs10180986	A	-0.049
rs34039606	A	-0.0273
rs938869	T	0.0227
rs12185584	G	-0.0222
rs116643358	C	0.119
rs116749104	T	0.1312
rs34954316	G	0.0911
rs2233375	T	-0.0361
rs12476895	A	-0.0251
rs192634	G	0.0239
rs4851627	C	-0.0226
rs75619505	T	0.0961
rs66930684	A	-0.0283
rs115757844	G	-0.1431
rs113076479	A	0.1039
rs891501	G	-0.05
rs112727897	C	0.1037
rs115811802	A	-0.1305
rs10186133	G	-0.0228
rs2007857	G	0.0265
rs12694491	C	0.0266
rs11681493	G	-0.0393
rs6543734	A	-0.0329
rs7355232	C	0.027
rs143774878	A	0.109
rs72828510	T	-0.169
rs1437433	A	-0.0231
rs13412199	T	-0.0324
rs9789547	T	-0.0223
rs13392710	G	0.0426
rs111268911	A	0.1237
rs72992896	T	-0.0316
rs13384395	G	0.1139
rs17023961	G	0.1043
rs78793106	A	0.0847
rs17689809	T	-0.0302
rs12617720	T	0.0331
rs7588022	C	-0.0231
rs13417895	G	-0.0387
rs17762734	C	-0.0252
rs112771813	A	-0.1749
rs4854548	C	0.0231
rs112089416	T	-0.0448
rs79590139	A	0.0611
rs16865301	T	-0.0354

rs77483185	T	0.0633
rs7608692	A	-0.0276
rs11681965	C	0.0559
rs2567195	G	0.023
rs13425400	C	-0.0661
rs6720823	T	0.0549
rs850882	C	-0.0222
rs140144213	T	-0.1477
rs13022785	C	-0.0264
rs115508753	C	0.1237
rs11675151	G	0.0314
rs142270101	A	0.0961
rs62128481	T	0.1046
rs116337162	A	0.1267
rs1159139	G	0.0356
rs114966811	C	-0.0487
rs16863437	G	0.0428
rs846653	T	0.0297
rs12465669	A	0.0361
rs12477688	G	-0.035
rs72865375	A	0.1213
rs4399766	T	-0.0292
rs62152251	C	0.0635
rs3898882	A	0.0227
rs113861989	A	0.092
rs2422459	T	-0.0288
rs72884870	G	0.1238
rs2732928	G	0.05
rs6721330	C	-0.022
rs112897181	A	0.0648
rs36098281	C	-0.03
rs11680623	G	-0.0297
rs72846338	A	0.0951
rs73200768	C	-0.0753
rs12104896	T	-0.0333
rs12997750	T	0.0284
rs114883151	T	-0.0792
rs2540428	C	0.0338
rs79213411	T	-0.0615
rs10929290	C	0.0243
rs13389838	A	0.035
rs77825803	T	-0.095
rs34118374	T	0.0368
rs7607482	A	-0.0422
rs11694834	T	-0.0254
rs3791474	T	0.0281
rs78730844	G	-0.0668

rs116340739	C	0.0835
rs72989415	C	0.0404
rs6432237	T	-0.0516
rs147404514	A	0.1331
rs142890689	A	-0.1302
rs9973394	G	-0.0287
rs62138795	T	-0.0599
rs34115245	C	0.0311
rs80098667	A	0.0661
rs2161977	T	0.0319
rs10174559	A	0.0305
rs13015037	G	-0.0242
rs56163146	C	0.06
rs2110488	T	0.1861
rs148180456	A	0.1505
rs115254818	C	0.0594
rs12618564	C	-0.0249
rs115352749	T	-0.08
rs11684748	T	0.0448
rs34484247	C	0.0585
rs12987614	C	0.025
rs75193523	G	0.0796
rs114082096	A	0.139
rs74550043	T	0.0506
rs6745705	A	0.0274
rs147147640	T	0.0576
rs10206568	G	0.0243
rs77877914	A	-0.0778
rs11126295	C	-0.0355
rs2907904	C	-0.0546
rs4973455	G	-0.1022
rs1017461	T	-0.0518
rs77627266	T	0.1084
rs145874168	G	0.166
rs116568054	A	0.1302
rs9989761	G	-0.0265
rs12987460	T	-0.0234
rs114206626	G	-0.1082
rs114556021	T	0.1314
rs138091776	T	-0.0857
rs112302296	T	-0.1493
rs4972232	C	-0.0259
rs72981451	A	0.0629
rs116041355	T	-0.2417
rs10204190	A	-0.0223
rs78124934	A	0.1206
rs113451578	T	-0.0584

rs116071652	C	0.1288
rs62106225	C	0.0344
rs11693786	G	-0.1135
rs10208474	A	-0.0301
rs145903188	C	0.0886
rs116449647	C	0.0785
rs72918519	G	-0.0465
rs114292551	T	0.0876
rs72828839	T	0.0291
rs1994245	C	-0.024
rs111531455	C	-0.05
rs116245096	A	-0.1172
rs13393465	C	-0.0376
rs35409636	T	-0.1151
rs113008010	A	-0.0863
rs13403116	T	0.0715
rs114602223	C	0.1006
rs78679019	T	-0.1026
rs113537676	A	0.1549
rs147987331	A	-0.1968
rs76419373	A	-0.065
rs75333885	A	0.0466
rs116104605	T	-0.1376
rs74941609	C	-0.1015
rs13021608	C	0.0297
rs4973352	T	0.1036
rs115137225	G	-0.0642
rs116761907	G	-0.0649
rs62194209	T	-0.0579
rs62181006	T	-0.0448
rs62193947	A	0.0426
rs12621192	T	-0.0231
rs74521447	A	0.0657
rs116525386	A	0.0638
rs13396866	C	-0.1339
rs17267730	A	-0.1033
rs76975941	T	-0.0859
rs116738066	A	0.145
rs114544193	T	0.0612
rs59239560	T	0.0677
rs336508	C	-0.0433
rs6733811	T	0.0286
rs146438452	G	0.1216
rs55855371	A	-0.1125
rs4849909	A	0.0273
rs2014199	C	0.0231
rs12693881	G	0.0219

rs17050100	G	-0.0572
rs142223221	T	0.0951
rs17356755	G	-0.0434
rs11890704	C	-0.043
rs149641338	A	-0.1374
rs147678811	G	-0.0783
rs72802826	G	0.0638
rs12616389	A	-0.0246
rs77203685	A	-0.108
rs77773290	T	-0.0538
rs115272722	T	0.0862
rs7566408	G	0.0236
rs1554067	A	-0.0248
rs144946736	A	-0.1005
rs115026036	C	0.1111
rs72852239	G	0.0465
rs146225382	G	-0.0627
rs1715143	T	0.1008
rs7592254	A	0.047
rs77078489	G	0.102
rs72790273	T	0.0935
rs4571018	T	0.0266
rs17014194	G	-0.0566
rs76272623	A	0.0715
rs60965411	A	0.0366
rs71413860	G	-0.0643
rs17386813	C	0.0225
rs3115361	C	0.0313
rs62183665	A	-0.0236
rs12473952	T	-0.0242
rs75618272	T	0.0959
rs11891607	G	-0.1036
rs148594907	G	-0.1095
rs959734	G	-0.0266
rs10202376	C	0.0328
rs115076920	C	0.0754
rs16836399	C	0.0961
rs13010494	G	-0.0696
rs35753624	T	-0.092
rs78780615	A	0.0765
rs116808077	T	0.1673
rs66566840	G	0.0603
rs115537973	C	0.1366
rs6711815	C	-0.0342
rs12989670	G	0.0304
rs6436611	T	-0.0298
rs17487695	A	-0.0505

rs4952043	A	0.0234
rs16830446	T	-0.0471
rs77579497	G	-0.0989
rs13425200	G	0.0433
rs10209708	A	-0.0422
rs6728582	G	0.0442
rs72995911	G	0.0453
rs3755160	T	0.0237
rs75705067	G	0.1247
rs6732223	T	-0.0222
rs75515717	A	-0.1209
rs10176989	A	0.0472
rs7586878	T	-0.0617
rs116282374	T	0.0826
rs72767355	A	-0.0735
rs75338526	A	0.0419
rs62151054	T	-0.1583
rs1232802	C	0.0278
rs1464021	A	0.0648
rs36153168	A	-0.111
rs16823287	A	0.0473
rs79844775	C	-0.0915
rs60030539	T	-0.0423
rs7587470	T	-0.0299
rs75426781	T	0.1231
rs6742772	G	0.0288
rs6707113	G	0.0256
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rs115701464	T	0.1157
rs76283588	G	-0.0674
rs114254378	T	0.1051
rs4458241	C	-0.0217
rs147446180	T	0.0599
rs116266836	G	-0.0598
rs10176613	T	-0.064
rs114015867	T	0.186
rs4848187	A	0.129
rs7594921	A	0.022
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rs34339850	T	-0.0319
rs144031259	A	0.123
rs61240006	G	-0.1039
rs12624277	G	-0.0215
rs146025294	A	-0.2112
rs2386499	T	-0.0416
rs72779781	T	0.0491
rs12710694	C	-0.0231

rs78133788	A	0.041
rs79730594	T	0.0449
rs10865203	T	0.0222
rs151226195	A	-0.1391
rs75578634	G	-0.1503
rs113840062	G	0.0367
rs78145219	C	0.0304
rs11686033	T	-0.0254
rs16864190	T	0.1164
rs77668471	A	-0.1026
rs77255099	T	-0.0303
rs1191972	G	-0.0216
rs76473692	G	0.1572
rs11678990	A	-0.1022
rs75115837	T	-0.0827
rs7581217	T	0.0252
rs6716255	T	-0.0232
rs78121195	C	0.0569
rs77934268	C	0.0545
rs55715994	C	-0.0915
rs72946355	A	-0.0463
rs56124251	T	0.0255
rs114030247	A	0.1124
rs139442060	G	0.0768
rs4831984	A	-0.0279
rs10454125	A	-0.0815
rs114551760	C	-0.1116
rs3754895	G	-0.0347
rs72856131	T	-0.0962
rs7596116	C	-0.0228
rs10221776	C	0.0253
rs452005	G	-0.0423
rs11673789	G	0.0959
rs16852104	A	0.0351
rs77629314	G	0.0647
rs116132039	T	-0.0967
rs58934961	T	0.0566
rs11126225	T	-0.0221
rs62193435	T	-0.0429
rs114808769	G	-0.101
rs75072792	T	-0.029
rs11896479	C	0.025
rs10495790	T	0.0423
rs11677712	C	0.0247
rs882502	T	-0.0226
rs11681200	T	0.023
rs79646138	T	0.1501

rs13031418	C	-0.0212
rs11125653	A	-0.0337
rs72813330	C	0.0306
rs6759901	C	-0.0226
rs112485711	A	-0.0679
rs6724905	G	0.1135
rs4525721	G	-0.0238
rs76408431	A	0.0643
rs648112	G	-0.0764
rs13025724	T	-0.0223
rs146189240	T	0.1353
rs111661445	G	-0.0892
rs930365	C	0.0282
rs11681534	G	0.0621
rs57069714	A	0.1007
rs115600173	T	0.1791
rs12620178	G	0.029
rs141498344	C	0.0939
rs1394129	C	0.0857
rs116757139	A	0.1057
rs1522857	A	0.0259
rs825272	A	-0.0423
rs151037530	C	0.1055
rs73914243	T	0.0326
rs12999768	T	-0.0238
rs75628003	A	0.0937
rs150886680	T	-0.107
rs1468816	C	0.0276
rs72811059	G	0.0921
rs17435105	A	-0.034
rs34706577	A	0.0367
rs114303520	T	0.0976
rs2369088	C	0.0244
rs79907224	T	0.0325
rs146825997	C	0.1318
rs13403813	T	0.0548
rs113542870	A	-0.0966
rs13012179	A	-0.0277
rs72824830	G	0.0732
rs2203895	G	-0.0227
rs79676909	T	-0.0691
rs894201	G	0.0261
rs115431288	G	0.0714
rs73956526	C	0.0896
rs1430356	A	-0.0235
rs77538926	T	-0.1299
rs12469365	A	-0.0212

rs10928104	T	-0.0276
rs143302207	A	0.1428
rs2009699	G	0.0224
rs3181100	G	-0.0217
rs16856821	G	0.1121
rs17048451	C	-0.0751
rs56020886	T	0.0407
rs13425066	A	0.0422
rs17367794	T	0.0967
rs35459643	T	0.0289
rs10169953	G	-0.0236
rs4852727	A	-0.0217
rs7595007	G	-0.0233
rs72858408	A	0.1395
rs66489909	G	-0.0293
rs145032111	A	0.0995
rs78116692	C	0.0681
rs114565349	C	0.1195
rs13384913	T	0.0325
rs2140778	C	0.0385
rs6729167	A	0.1129
rs114184828	T	-0.1381
rs72819861	T	0.0639
rs80273058	G	0.0684
rs73220327	A	0.0657
rs115469071	A	0.1972
rs1250203	G	0.0345
rs6436295	A	-0.0219
rs36043001	A	0.1505
rs111472038	T	0.0575
rs6714206	A	-0.0309
rs75072119	C	0.0732
rs77450972	G	-0.0323
rs4669561	C	-0.0256
rs62126679	A	-0.1131
rs62171293	C	0.0943
rs115468664	T	-0.1196
rs62104411	A	-0.1155
rs74554978	A	-0.0708
rs72860773	A	0.1163
rs112583623	A	-0.086
rs116821194	C	0.0892
rs2880426	T	-0.03
rs1214118	A	0.0685
rs150729386	A	0.0844
rs13392817	T	-0.0499
rs79664419	C	-0.0795

rs72832845	A	0.0598
rs114495161	T	0.166
rs74501061	G	0.0306
rs80240143	C	-0.0625
rs74688098	A	0.0505
rs6710702	T	-0.0241
rs150834112	C	-0.0922
rs394528	T	-0.0743
rs72955395	C	0.097
rs3791303	G	0.0352
rs12615626	A	0.0547
rs4503959	G	0.0257
rs57475118	T	0.0286
rs2113807	A	0.0245
rs78475488	T	-0.0504
rs75423430	G	-0.0483
rs4669319	G	0.0404
rs17692899	T	-0.0268
rs74864951	G	-0.0681
rs72845103	T	0.0933
rs115657018	C	0.103
rs115465851	A	0.1338
rs12617863	T	-0.0232
rs62151017	G	0.0356
rs72992668	A	0.0533
rs76519894	G	0.0931
rs41333947	C	-0.1067
rs34071867	G	-0.054
rs113950544	T	-0.0655
rs62158785	C	0.0598
rs6727037	A	0.0288
rs79572522	T	-0.0259
rs74668446	A	0.0882
rs77669244	C	-0.0507
rs34058965	T	0.0438
rs7605487	A	0.022
rs11127438	C	0.0228
rs2305258	T	-0.0343
rs62139634	A	-0.0309
rs62151723	A	0.1202
rs4432509	C	0.0235
rs11900409	G	0.0223
rs12712929	T	0.0334
rs13394012	C	0.1419
rs74705889	T	-0.0362
rs11893164	A	0.0845
rs1552589	A	-0.0226

rs77380142	G	0.0864
rs4672102	C	0.1043
rs12619496	G	-0.0291
rs56103924	A	-0.1183
rs112841839	G	0.0946
rs144148815	A	0.0869
rs13412612	G	0.0306
rs1516094	T	-0.043
rs149745161	C	-0.0851
rs142017699	C	0.1025
rs6733501	C	0.0489
rs148708717	A	0.0914
rs79235541	T	-0.1291
rs11885414	T	-0.064
rs111293120	A	0.0815
rs17513791	C	-0.1018
rs2221337	T	0.0234
rs12998928	T	-0.1117
rs79883004	G	0.0875
rs11889273	A	-0.0302
rs77990273	A	0.0828
rs115260138	G	-0.031
rs76318329	T	0.0874
rs114329447	G	0.1313
rs144912099	A	0.1418
rs13017871	T	-0.0214
rs7599506	C	-0.0215
rs4663423	T	0.0396
rs149687542	T	0.1078
rs76554193	C	-0.0635
rs74387927	G	0.0437
rs147252363	C	0.0841
rs4001103	A	-0.0411
rs116406065	C	-0.072
rs66851850	A	0.0463
rs1581040	A	0.0299
rs34344855	A	0.0244
rs1589192	C	-0.0234
rs78735357	A	0.0518
rs11123843	A	0.022
rs74939991	A	-0.1151
rs113435754	T	-0.0689
rs67996343	A	-0.1304
rs73079673	A	-0.1152
rs75276198	T	-0.0998
rs13410982	G	0.0326
rs79349911	T	0.0692

rs73980979	C	0.1485
rs72936552	T	0.0873
rs6720107	T	0.0238
rs35437504	G	-0.0762
rs17025737	T	-0.0559
rs6735846	G	-0.043
rs1437799	C	-0.0234
rs148021134	A	-0.1303
rs115612850	T	0.1154
rs62114564	T	0.0254
rs75511317	C	0.144
rs16984355	C	-0.1272
rs10520405	G	0.0399
rs77118439	C	0.0487
rs79808400	A	0.0455
rs111566789	C	-0.0225
rs28902194	A	0.092
rs12470871	T	0.0307
rs116441370	C	0.1203
rs34705324	T	0.0256
rs140079311	T	0.0567
rs144701790	C	0.1741
rs80229140	T	0.1082
rs76380314	A	-0.1178
rs77108300	C	0.1121
rs116463262	T	-0.0567
rs13409592	C	0.0299
rs55666577	T	0.1119
rs4832137	G	-0.0236
rs4972261	G	-0.0228
rs35801397	T	0.0296
rs3738952	T	-0.037
rs10495516	A	-0.0223
rs13397493	T	0.0317
rs72805952	C	-0.0699
rs79563212	T	-0.0855
rs61260277	A	-0.0232
rs116555541	T	-0.0954
rs60037796	A	-0.0804
rs146085058	C	0.149
rs76777644	T	0.1805
rs74825899	C	-0.1018
rs17040168	G	-0.0475
rs116345087	G	0.0673
rs76705436	G	0.1293
rs12621407	T	0.0528
rs2252736	T	-0.0223

rs3789082	A	0.0295
rs10177101	G	0.0244
rs34055141	A	0.0723
rs116311611	C	-0.0972
rs138529893	A	0.1011
rs17344426	T	0.0342
rs4848974	A	-0.1256
rs145081090	G	-0.1705
rs13014860	A	0.0236
rs143272127	C	-0.1004
rs10496133	T	-0.0483
rs77690178	T	0.075
rs115783409	A	-0.1033
rs74793558	A	0.0892
rs341598	T	-0.058
rs62113357	T	0.0376
rs114135308	A	0.1256
rs17752211	T	0.0762
rs78305888	T	0.0412
rs6706093	G	-0.0219
rs6757272	G	0.0226
rs56336934	G	-0.0474
rs4633867	T	0.0298
rs72993122	A	-0.027
rs11894982	A	0.0235
rs115277819	T	0.053
rs149423833	T	0.0751
rs114475692	G	-0.0705
rs115336635	A	-0.1256
rs10445738	T	0.0257
rs10174511	T	0.0214
rs149904027	C	0.0905
rs2551211	C	0.032
rs1581370	T	-0.0219
rs34932338	T	0.1358
rs113393266	C	-0.0545
rs114553296	A	-0.0739
rs75861461	A	0.1262
rs77440817	T	0.1035
rs11889562	G	-0.0449
rs12474390	G	-0.0595
rs74562445	A	0.0865
rs114667441	A	-0.0936
rs79931554	A	0.065
rs13414758	T	-0.0243
rs62193734	G	0.0328
rs1277459	A	-0.0272

rs205614	G	0.0291
rs62165192	G	-0.0385
rs73948896	A	0.1901
rs144774724	A	0.15
rs2244655	C	-0.0667
rs77026779	C	0.0754
rs4850355	G	0.047
rs3768745	G	-0.0468
rs58844971	T	0.0292
rs1817147	C	0.0325
rs79447264	C	0.0455
rs13013080	A	0.0494
rs6735279	T	-0.0825
rs769965	C	-0.0758
rs4302206	A	0.0224
rs114292261	A	-0.1685
rs17037193	C	-0.0278
rs1921236	A	-0.0249
rs1471649	A	-0.0213
rs77832981	T	0.0574
rs4278919	A	0.0745
rs147676239	C	-0.0916
rs4643530	T	0.0224
rs4953634	C	0.0471
rs116700919	A	0.0861
rs4665406	T	0.0223
rs113817729	A	0.0505
rs72804692	T	-0.0653
rs6546898	A	-0.0448
rs77149029	A	0.0939
rs6761777	A	-0.0224
rs71435466	G	0.0428
rs111546182	A	-0.1038
rs13032602	G	-0.0323
rs147433043	T	-0.1637
rs6720918	A	-0.0209
rs71430643	T	-0.0669
rs74748096	C	-0.1726
rs1375220	G	-0.0238
rs6545067	G	0.0607
rs12621847	T	-0.025
rs116738036	A	0.0558
rs11889881	T	0.1122
rs149313659	C	0.0797
rs114392893	C	0.1174
rs113838364	C	0.1224
rs7604265	G	-0.0495

rs11678086	T	0.1458
rs13012485	T	0.0995
rs72864133	C	-0.0596
rs115829460	A	-0.119
rs283483	A	-0.085
rs17616433	C	-0.0868
rs10198567	C	0.0743
rs11899600	G	-0.0498
rs144128751	T	-0.0994
rs35400498	T	0.0242
rs78421578	G	-0.1116
rs73048467	G	-0.1212
rs10932956	G	-0.0232
rs115187598	C	0.1215
rs77606282	C	-0.0999
rs114644934	A	0.171
rs72808455	T	-0.056
rs13432282	T	0.0339
rs78451253	T	0.0761
rs146546507	C	-0.0836
rs7601397	G	0.0503
rs17035715	C	0.0364
rs956986	A	0.0228
rs115659708	T	0.0728
rs6756843	T	0.0209
rs115229018	C	0.0538
rs115203841	A	0.0468
rs116730979	G	0.0818
rs78166900	G	-0.0685
rs2034526	A	-0.0309
rs6544340	T	-0.0215
rs116826171	T	-0.0615
rs141708688	G	-0.1089
rs1455609	C	0.0255
rs77240277	G	-0.0501
rs79618953	C	0.1135
rs6729986	G	-0.0372
rs17010554	A	0.1491
rs150089781	T	-0.1383
rs72834274	C	0.1452
rs147375897	A	0.1459
rs72813137	A	-0.084
rs7572636	T	0.0407
rs1370661	C	0.0223
rs76302586	G	-0.0324
rs71437702	G	0.144
rs72775166	T	-0.1386

rs75558256	T	0.1322
rs6737773	G	-0.0608
rs17421736	A	-0.088
rs73111292	C	0.0633
rs6731129	C	-0.0268
rs10496125	A	0.047
rs7600319	G	-0.1039
rs35739581	C	0.0686
rs10490302	T	0.0231
rs149248826	A	-0.1013
rs1972956	C	0.0249
rs78344253	C	-0.0526
rs79529699	A	0.0563
rs58456579	G	0.0304
rs17864498	T	0.152
rs10178516	A	-0.0212
rs10178686	G	-0.0302
rs111430664	A	-0.148
rs10170712	T	0.0418
rs6710055	G	0.0233
rs74488572	A	-0.0598
rs114582851	A	0.0645
rs141360250	A	-0.1392
rs116351528	G	0.1162
rs146519813	G	-0.1269
rs62172657	G	-0.0714
rs75415533	G	0.0703
rs112421598	G	-0.1345
rs12711798	T	-0.0274
rs16837613	C	0.1189
rs10933266	C	0.12
rs116160757	T	0.102
rs7598986	A	0.0213
rs6720701	G	-0.03
rs403085	A	0.0512
rs61743118	G	-0.0899
rs72825612	T	0.0652
rs62174288	A	-0.0939
rs76522735	G	0.0765
rs1190413	A	-0.0253
rs138650555	G	0.134
rs10210744	G	-0.0233
rs13387210	A	0.057
rs115423819	T	0.1272
rs6731641	A	-0.0215
rs115015285	T	0.1117
rs111319970	T	0.0935

rs12468914	T	-0.0222
rs1565064	G	0.0271
rs149285648	C	-0.0663
rs140686026	A	-0.1098
rs12476932	C	-0.0382
rs6739901	C	0.0211
rs4665625	G	0.0266
rs77748335	G	-0.1344
rs73928842	C	0.0945
rs11900604	G	0.0929
rs114632698	G	-0.0982
rs6735023	G	0.0285
rs77301527	A	-0.0739
rs13420757	A	-0.1232
rs116076752	C	0.0902
rs77209289	C	0.0422
rs10200626	A	0.0492
rs57376529	T	0.0883
rs78338686	A	-0.0384
rs6710867	C	0.048
rs76901367	T	0.0917
rs10164655	G	-0.0212
rs55658158	G	0.1061
rs4292125	T	0.0484
rs13384290	T	-0.04
rs56319647	T	0.0351
rs11678235	A	-0.041
rs114014321	G	0.0603
rs76407366	G	0.0968
rs71426535	G	0.1418
rs72833716	C	-0.0361
rs114888402	T	0.1156
rs147116541	T	0.088
rs16842052	T	0.1108
rs13406522	T	0.0327
rs74346691	C	-0.031
rs4594500	G	0.0287
rs17191185	G	0.0655
rs1374276	C	0.0244
rs10205707	C	0.115
rs145093560	T	0.1372
rs79724327	A	-0.1559
rs10181998	T	-0.0225
rs7577700	G	-0.0499
rs35596414	T	-0.0475
rs13402798	C	-0.0694
rs17868380	T	0.0935

rs149503508	A	0.1693
rs11675266	T	0.0258
rs1881182	A	-0.0231
rs28425740	C	0.0413
rs12621139	A	-0.0301
rs16832019	A	-0.0364
rs75294216	A	0.1298
rs72896367	T	-0.0693
rs116799343	C	0.1578
rs1594142	A	0.0256
rs116720681	C	0.1036
rs77145902	T	-0.1572
rs115834294	G	0.1157
rs6748679	G	-0.0211
rs59078170	C	0.0624
rs3951105	G	0.0276
rs74348947	G	-0.0541
rs78552982	G	0.0361
rs146138090	T	-0.1517
rs76860205	C	-0.0797
rs61479424	T	-0.0375
rs12991253	G	-0.0541
rs76404466	G	0.0947
rs2592779	C	-0.0271
rs13026918	A	0.0218
rs77854803	C	0.0937
rs79040187	G	0.0485
rs17037389	A	0.0495
rs45511992	G	0.1158
rs12991856	A	0.0208
rs61029386	T	0.0426
rs72812398	G	-0.1546
rs145115817	C	0.2141
rs150813670	A	0.1361
rs144763946	C	-0.1591
rs17434723	T	0.064
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rs12713721	C	0.0279
rs16825286	T	0.0323
rs4953130	T	-0.0263
rs6761329	T	0.026
rs72914649	A	0.1069
rs111420539	C	0.1513
rs34717472	C	0.0332
rs77909902	T	0.0339

rs2193407	A	-0.0389
rs72862771	A	-0.0577
rs12988243	C	0.0224
rs79498700	T	-0.0738
rs1862986	T	-0.036
rs138449027	G	-0.1032
rs35089301	T	-0.0375
rs115823533	A	-0.1601
rs41280619	A	0.1109
rs3111391	G	-0.1343
rs114411849	T	0.084
rs62171217	G	0.0537
rs11677584	T	0.0272
rs17357652	C	0.0235
rs75100004	C	0.0985
rs71439213	C	0.0495
rs76086743	C	0.1414
rs17336511	G	-0.0259
rs76994241	C	0.1247
rs116140871	C	-0.0429
rs115826319	G	-0.15
rs11891782	A	0.0257
rs12692762	A	0.0297
rs116712758	C	0.096
rs1005932	G	0.0224
rs72904488	T	-0.0372
rs116023276	A	0.1016
rs11125512	G	-0.0221
rs76120224	T	0.0702
rs73035634	C	-0.0425
rs7579063	C	-0.0303
rs58793539	G	-0.0459
rs10190878	G	0.0228
rs77855501	T	0.0733
rs11900990	G	-0.0637
rs140958592	A	0.162
rs76823747	A	-0.0581
rs115810049	C	0.0913
rs12987092	G	0.0308
rs7559920	T	-0.0247
rs34693334	G	-0.0671
rs34509078	G	0.1022
rs10496299	C	0.0236
rs57649890	C	0.1228
rs11096690	T	0.0294
rs1529408	G	0.0609
rs13432274	T	0.1004

rs4531872	A	-0.0523
rs140960895	C	-0.1481
rs11889121	T	-0.0223
rs115419104	G	0.1293
rs58331126	A	-0.0928
rs62191690	T	-0.1524
rs7575969	G	0.0684
rs390514	C	0.0231
rs146183197	C	0.0625
rs17644183	G	0.0211
rs6748302	T	-0.0457
rs71427870	C	-0.1432
rs116133333	G	-0.0515
rs72938044	C	-0.1112
rs7595190	A	-0.0351
rs6749418	C	0.0272
rs75791147	C	0.05
rs144114919	C	-0.1127
rs4671740	A	0.0227
rs16823732	A	0.0455
rs78605952	A	-0.0716
rs9752771	A	-0.0293
rs13406269	A	-0.0243
rs116700426	G	-0.0639
rs1155983	T	-0.0215
rs2030248	C	-0.0221
rs6546119	T	0.0236
rs9308860	G	0.0248
rs116075241	A	0.1277
rs80193236	T	-0.0722
rs6727303	C	-0.0461
rs1878526	A	-0.0254
rs13397471	T	0.0481
rs1562708	C	0.0341
rs115825989	A	0.1582
rs843748	A	-0.0206
rs6708563	T	0.0228
rs60483917	T	-0.0319
rs142488129	A	0.0919
rs17863844	T	-0.0926
rs62133300	T	-0.0828
rs113530244	T	-0.0417
rs77926070	A	0.0785
rs79172861	A	0.0623
rs12694109	T	-0.0993
rs77478555	G	0.2
rs75333824	C	0.1172

rs72822515	T	-0.0455
rs57373914	A	0.0465
rs6710279	C	0.0229
rs2222153	A	0.0376
rs7426116	G	0.0305
rs10172688	T	0.0686
rs7579823	T	-0.1315
rs41288799	C	0.0526
rs141577009	A	-0.1222
rs72851691	T	-0.1364
rs75957308	G	-0.1082
rs876801	T	0.0206
rs141020703	A	-0.0983
rs17007005	C	-0.0649
rs4670745	C	0.0231
rs141659853	C	-0.1154
rs17811284	G	0.1968
rs16864468	T	0.0545
rs2217471	T	-0.0234
rs10191326	C	0.0249
rs148641284	G	0.1001
rs57529474	C	0.0397
rs62192074	G	0.1523
rs972229	G	0.0251
rs75250772	C	0.0776
rs45563532	C	0.1784
rs112915216	T	0.1369
rs115139752	A	-0.1424
rs144978940	T	-0.0978
rs62187181	G	0.0266
rs112886482	C	0.0512
rs1823122	A	-0.0242
rs114430593	A	0.1053
rs34092649	T	0.1049
rs116277319	T	-0.1071
rs34706082	A	0.0415
rs16866883	C	-0.1308
rs4973469	T	0.0367
rs147524950	G	-0.1088
rs6744712	G	0.0214
rs2420165	T	-0.0365
rs115934460	A	0.1038
rs59980912	T	-0.0289
rs138485073	C	0.1297
rs13412079	C	0.0532
rs79653603	T	-0.1066
rs72957882	T	0.128

rs6719934	T	-0.0248
rs62172322	T	0.0924
rs11686899	G	0.0228
rs116253872	A	0.1426
rs79024572	T	0.0523
rs2033351	C	-0.0225
rs76074685	T	-0.0893
rs4482477	C	-0.0349
rs6755367	T	-0.0429
rs141512504	A	-0.1499
rs149895919	A	0.0845
rs13415528	C	0.0335
rs150827114	C	0.0499
rs79501627	A	0.1356
rs16827098	A	0.0796
rs17384775	T	0.1042
rs231749	G	-0.0467
rs77088148	T	-0.109
rs145844682	A	-0.1185
rs141952209	A	-0.1035
rs4671857	C	0.0626
rs1721262	G	0.0216
rs12693570	A	-0.0378
rs78505295	T	-0.0987
rs77303438	A	0.1131
rs1560620	A	0.0334
rs6706221	T	-0.0273
rs151288703	A	-0.0534
rs114212503	C	-0.0782
rs13407431	T	0.0317
rs77807906	T	0.0814
rs2695414	C	-0.0403
rs77590808	A	-0.1122
rs13390015	C	0.0358
rs10176947	C	-0.05
rs79516954	A	-0.0893
rs2630728	A	0.0348
rs56201616	T	-0.0299
rs6730778	T	0.0385
rs34641033	A	-0.0337
rs116121306	T	0.1578
rs7609389	G	0.0708
rs11563256	G	-0.038
rs142919952	A	-0.1924
rs72801638	C	0.0895
rs78753033	A	0.0452
rs2857390	T	0.0634

rs2288170	T	0.0369
rs115291645	G	0.0448
rs143174243	A	-0.079
rs74704786	T	0.1197
rs142713596	T	0.052
rs115231009	G	0.14
rs115318849	T	0.104
rs7593608	G	-0.1131
rs116567155	C	-0.1052
rs62103907	G	-0.0352
rs75853925	C	-0.0666
rs114706231	T	-0.0907
rs12479404	T	-0.0342
rs75721367	G	0.1327
rs7586754	C	-0.0886
rs112146977	C	0.1182
rs60235642	G	0.0646
rs2579656	A	-0.0224
rs145634973	C	-0.0718
rs12466724	C	-0.0301
rs62167287	T	0.0473
rs76747322	T	-0.0808
rs62128419	A	0.0539
rs72787549	G	-0.0418
rs17764044	G	-0.059
rs79873076	T	0.0975
rs78980081	C	0.1154
rs142403305	G	-0.1319
rs77378499	C	0.044
rs17796019	T	-0.0628
rs12469149	G	0.0377
rs73985540	T	-0.0561
rs111256505	A	0.0535
rs35855322	C	0.0528
rs72856717	G	0.0814
rs78708581	C	-0.1181
rs7424784	T	0.0393
rs116353665	A	-0.0928
rs77639683	G	0.0433
rs73002180	C	0.0574
rs76037969	C	-0.0977
rs6716939	C	-0.0477
rs79262574	A	0.0643
rs116565935	C	0.1112
rs1157372	G	-0.0288
rs16832404	C	0.0417
rs6708345	C	0.021

rs17441946	G	0.0556
rs4672498	G	-0.0226
rs2114431	T	0.0661
rs10178782	A	-0.0213
rs75674890	T	-0.0706
rs62171493	T	-0.0477
rs113739335	C	-0.0871
rs1446881	A	-0.0214
rs56185433	T	-0.1707
rs12694184	A	-0.1217
rs114031463	T	-0.0982
rs115524370	C	-0.0453
rs6748001	A	-0.0304
rs877508	A	0.0304
rs113615269	T	0.168
rs112396729	G	0.15
rs79703331	G	0.1573
rs141193440	T	-0.0941
rs28513973	G	0.0227
rs112467943	T	-0.1132
rs10497240	T	0.0359
rs10191449	C	0.0264
rs10166842	A	0.0231
rs114225782	A	-0.0539
rs7591064	C	0.0269
rs4671616	A	-0.1336
rs139703103	G	-0.103
rs67678493	G	0.0245
rs80076906	C	-0.1005
rs150619545	A	0.0909
rs7598551	C	-0.0701
rs12478861	A	-0.0323
rs114516378	A	-0.1784
rs72810089	C	0.0709
rs76182509	A	0.0876
rs542413	G	0.0216
rs150934117	A	-0.1117
rs114261124	T	0.1334
rs11682196	A	-0.0274
rs6708292	A	-0.0604
rs11883480	T	0.0337
rs11887149	G	-0.0219
rs13026316	G	-0.0411
rs817092	T	0.0395
rs76800570	C	-0.0962
rs148476652	C	0.1028
rs112210712	A	0.1477

rs72775864	A	-0.0407
rs6544718	T	0.0261
rs72800736	T	-0.0808
rs7422221	G	-0.0241
rs12477235	T	0.025
rs6732028	G	-0.0226
rs72888959	A	0.1141
rs113598357	A	0.055
rs79092915	A	0.0604
rs62172781	C	0.0781
rs78471964	A	0.0466
rs13024685	G	-0.0494
rs114048278	A	0.0788
rs10929320	T	-0.0226
rs6705659	T	0.142
rs76400051	C	-0.0392
rs55866385	G	-0.0308
rs6710015	C	-0.0229
rs115467250	A	-0.1351
rs4346320	A	-0.0756
rs2166528	T	0.0281
rs75015877	C	0.1174
rs6735205	C	0.023
rs16827400	A	0.025
rs10169749	C	0.0643
rs4850013	T	0.0477
rs79930226	A	0.1609
rs11124395	T	0.065
rs147673630	G	-0.12
rs3732126	C	-0.0357
rs62277906	G	0.1912
rs114070348	G	-0.0901
rs144544673	A	0.0902
rs62193014	A	-0.0473
rs142585344	A	-0.1036
rs2916490	A	0.0222
rs78169473	A	0.0531
rs114683322	G	0.0507
rs143455486	T	-0.1644
rs13011030	A	-0.0237
rs10929692	T	-0.0213
rs10495765	G	0.1179
rs1550249	G	-0.0343
rs116174578	A	0.1307
rs78137712	G	-0.1239
rs73913648	C	0.0692
rs1881713	T	0.0298

rs2720095	C	-0.0247
rs141643602	A	0.0995
rs1198853	T	0.0352
rs75922210	A	0.1254
rs11899010	G	-0.0754
rs148117679	A	0.1051
rs112375759	T	0.0681
rs140515674	T	0.095
rs11681641	G	0.0719
rs114078957	T	0.0787
rs78237708	T	-0.1244
rs17459745	T	0.0463
rs6544145	C	-0.0312
rs17033691	C	-0.0514
rs79962411	T	-0.0664
rs114006333	T	-0.1335
rs150743672	G	-0.0912
rs832325	T	0.0684
rs115408665	T	0.1091
rs62177707	T	-0.0499
rs10803975	G	-0.1282
rs116118836	A	0.1724
rs142232646	A	-0.1081
rs12463631	T	0.0525
rs6715551	C	0.0223
rs16824981	G	-0.0431
rs1524145	T	-0.0346
rs3771514	A	-0.0245
rs664373	A	-0.0263
rs17329506	T	0.0374
rs11692771	A	0.1046
rs13408761	G	0.0341
rs112468702	T	0.0794
rs141024520	G	0.1099
rs79981041	C	0.0633
rs148973700	T	-0.1473
rs10202342	T	0.0238
rs62126502	T	0.0701
rs79594098	A	0.1166
rs79708734	C	0.148
rs4952816	C	0.0498
rs116247157	G	0.0573
rs10496107	A	-0.0202
rs6716627	G	0.0528
rs1518628	C	-0.0406
rs2445234	A	0.0356
rs78786680	A	-0.0951

rs11682444	T	0.0309
rs143056340	T	-0.0815
rs6719666	G	-0.0281
rs75556288	C	0.0496
rs140078725	T	-0.0577
rs62106660	G	-0.0244
rs74879831	T	-0.1019
rs148388712	G	-0.1097
rs141592633	C	0.0308
rs75981534	G	-0.0627
rs60016948	T	0.0296
rs35209986	T	0.1736
rs147530480	T	-0.114
rs7560451	G	0.035
rs74327938	A	-0.1291
rs112820306	A	-0.0515
rs116208823	A	0.1023
rs4027356	T	-0.0619
rs287303	A	0.0803
rs75285437	A	-0.1255
rs79595058	T	-0.0786
rs117049701	T	-0.0694
rs11676422	C	0.0345
rs35604956	G	-0.0288
rs58188788	A	-0.0243
rs880565	A	-0.0213
rs145294406	T	-0.1142
rs4068868	T	-0.0218
rs1446596	T	-0.0208
rs737453	C	-0.023
rs145375937	A	-0.1385
rs2034731	A	0.0207
rs72807782	A	-0.0351
rs116380106	A	-0.1281
rs72833718	T	-0.0621
rs76113061	C	0.0709
rs12692694	T	0.0236
rs17524446	C	0.1058
rs75970058	C	0.1178
rs6761323	T	-0.0354
rs7604275	G	0.0516
rs34098459	C	-0.0582
rs33957851	C	0.0287
rs71415110	T	-0.0831
rs719645	C	-0.025
rs67764531	T	-0.0245
rs56665235	A	0.094

rs150619150	G	0.0951
rs72860168	T	0.0439
rs114460246	A	0.0912
rs116854723	G	0.1088
rs113693433	A	-0.0291
rs115213259	G	-0.1055
rs115912854	A	0.0598
rs17266006	A	-0.0311
rs6759697	T	-0.0242
rs72978172	G	-0.0736
rs7599555	T	0.0289
rs2083418	T	0.0243
rs150322237	C	-0.1141
rs2543659	C	0.0269
rs62126492	T	-0.059
rs6750539	T	-0.0222
rs28394891	G	0.0271
rs4672305	C	-0.0275
rs76814801	T	-0.0794
rs139850365	T	-0.1139
rs113829840	G	0.0781
rs114325391	T	0.0844
rs62121505	T	0.096
rs79746082	G	-0.0777
rs140193110	G	-0.1308
rs112521908	G	-0.0576
rs2190648	A	0.0269
rs138094456	T	0.0879
rs114668113	A	0.2252
rs6710332	A	0.0624
rs148837573	G	-0.1327
rs17868163	A	-0.0741
rs7560516	G	0.0871
rs7574483	G	0.0374
rs1046139	C	-0.0225
rs79372848	C	-0.0632
rs10207081	T	-0.0276
rs75821453	C	0.0922
rs11694379	G	-0.05
rs113718717	G	0.1294
rs145729308	T	0.1088
rs62127500	C	-0.0292
rs113706590	G	0.0323
rs78040619	A	-0.0547
rs62188193	A	0.141
rs13031940	T	0.0541
rs10198843	C	-0.1389

rs78310677	G	0.0669
rs75952598	A	-0.1039
rs6431876	A	-0.0428
rs114938028	C	0.1221
rs4358176	T	0.0203
rs75948686	C	-0.0891
rs6736857	C	0.0247
rs150261359	A	0.0232
rs12616045	C	0.0784
rs146262745	G	0.1057
rs4853038	C	-0.0222
rs146845351	T	-0.1211
rs149084184	T	0.1369
rs17537366	A	-0.0643
rs941009	C	0.0243
rs76708690	T	-0.0456
rs7578132	T	0.0213
rs145820163	C	-0.1964
rs10209571	T	-0.0889
rs115545121	C	-0.1323
rs114970061	T	0.1144
rs204832	A	-0.0267
rs10930471	C	-0.0282
rs10497187	G	0.0306
rs10804129	C	0.0208
rs78985020	A	-0.0992
rs7587932	A	-0.0274
rs114198555	A	0.1041
rs72951565	A	0.0732
rs138864222	T	-0.0754
rs114714028	C	-0.1434
rs11674493	C	0.0497
rs11684723	T	-0.027
rs6761067	T	0.0708
rs112104313	A	0.106
rs6740617	G	-0.043
rs1402440	T	0.0218
rs10203656	A	-0.0319
rs143836606	C	-0.1152
rs146475871	A	-0.1717
rs115660836	T	-0.1007
rs111464224	A	0.0893
rs76404906	G	0.0882
rs150484216	G	0.1171
rs140866896	C	0.1035
rs10206851	T	0.0225
rs143508381	G	-0.0434

rs79866666	G	0.1005
rs115684625	G	-0.1074
rs16866253	T	-0.0444
rs2972052	G	-0.0223
rs114309639	T	-0.2268
rs3821107	C	-0.0246
rs929925	T	0.0227
rs77127481	C	-0.0364
rs144837206	A	0.1071
rs11903416	C	-0.0227
rs58719298	T	-0.1155
rs35394967	T	-0.0267
rs57676750	G	0.078
rs28828676	T	0.0238
rs114062893	T	0.0718
rs74369863	T	0.0544
rs142506960	A	-0.1225
rs36151450	A	0.0257
rs78218998	T	0.0646
rs79086805	A	0.1081
rs115449389	C	-0.0554
rs74486594	A	0.0602
rs72964008	T	-0.0621
rs144424979	T	-0.0864
rs10497361	A	-0.0378
rs72914595	C	0.1006
rs72784012	G	-0.0954
rs2361177	T	-0.0308
rs78324111	G	0.0953
rs2215598	T	-0.0446
rs35914057	A	-0.1118
rs75872399	G	-0.061
rs7573219	A	-0.039
rs113560213	C	-0.0762
rs11690871	G	0.0825
rs114030162	G	0.0884
rs7592281	T	-0.085
rs35202394	G	-0.0456
rs1379026	A	-0.1039
rs4331524	T	-0.0203
rs115512534	T	0.2034
rs115770789	T	0.0504
rs2697288	T	-0.023
rs114731265	A	-0.0957
rs141166993	T	0.1519
rs11689662	A	0.0499
rs1026629	C	-0.0444

rs73091785	C	-0.0281
rs56401073	A	0.132
rs79333016	G	-0.1126
rs11690334	C	0.0265
rs79856802	G	-0.0986
rs2115591	T	-0.0213
rs1530145	A	0.0203
rs62145369	G	-0.0286
rs7599457	T	-0.0473
rs1898562	C	-0.0319
rs80208078	A	0.0797
rs114632529	T	-0.079
rs13392604	C	0.0231
rs757978	T	-0.0356
rs10181341	A	0.0375
rs16841477	T	0.029
rs114421136	T	0.0608
rs111986486	A	-0.1491
rs113936336	T	-0.1083
rs7425641	T	-0.0349
rs12469147	A	-0.0956
rs7567530	A	0.032
rs1609150	C	0.0348
rs115072423	G	-0.091
rs10174877	G	-0.0236
rs11552767	A	-0.0352
rs16857280	A	-0.0366
rs17665998	A	-0.0226
rs34313680	G	-0.0495
rs4371360	C	0.0908
rs193599	T	0.0359
rs13383197	A	0.094
rs17494521	C	-0.0296
rs10173409	C	-0.0649
rs10192465	G	-0.0363
rs6742366	C	0.1497
rs4533442	C	-0.0227
rs56409308	A	0.0917
rs748188	C	-0.0467
rs2879454	C	0.0199
rs115885935	T	0.0751
rs76801329	T	-0.1548
rs111649530	T	-0.0683
rs7605328	G	-0.0802
rs142035128	C	0.1219
rs71404175	A	-0.0718
rs12617761	T	-0.0411

rs62133925	G	-0.0295
rs2861060	T	0.0545
rs6716762	G	0.0291
rs13431934	A	-0.0321
rs142727486	A	0.1613
rs114254392	C	0.0589
rs4852842	C	0.0239
rs4848347	C	-0.0268
rs504611	A	-0.0323
rs1363048	T	0.0223
rs17044204	C	-0.0363
rs2717009	T	-0.0474
rs2086175	T	-0.029
rs2219691	T	0.0217
rs6732230	T	0.0797
rs116795015	T	0.0915
rs11682097	G	-0.0804
rs78366066	G	-0.0685
rs16865577	A	0.0261
rs13392218	C	-0.1064
rs114239306	A	0.0575
rs7369408	A	-0.0344
rs71420083	A	-0.1111
rs13405491	C	-0.0289
rs71426273	C	0.1064
rs76988023	G	0.0799
rs7609000	A	-0.0348
rs7595952	G	-0.02
rs150263643	T	0.1028
rs11677145	G	0.0205
rs3947633	G	0.0255
rs2197602	T	0.031
rs17030342	A	-0.0342
rs13423237	G	0.0221
rs111813608	G	0.1139
rs10188552	A	-0.0219
rs112334733	T	-0.1933
rs11465677	A	-0.1108
rs60534777	C	0.0276
rs73004491	A	-0.0999
rs72802899	C	-0.1042
rs78261234	C	-0.1163
rs6715061	A	-0.0212
rs4848183	T	0.0959
rs78891243	C	0.0695
rs116386038	A	-0.1491
rs847201	A	0.0222

rs6710705	T	0.0644
rs62188032	T	-0.0302
rs115560270	C	0.0893
rs67595504	C	0.0384
rs72798433	A	0.0613
rs12470769	C	-0.1
rs34185490	C	0.0406
rs78826781	C	-0.0924
rs13416425	T	0.0609
rs12464358	G	0.0204
rs59901914	A	-0.1248
rs115723959	G	-0.145
rs12104709	C	0.0367
rs309283	T	-0.0202
rs80327617	C	0.1576
rs116272095	C	0.0938
rs116615125	C	-0.0936
rs79383821	A	0.137
rs138510546	A	-0.1468
rs11126303	G	-0.0825
rs72622637	A	0.0899
rs17202631	T	-0.0647
rs115626769	C	-0.062
rs116169023	G	0.0621
rs4668724	T	0.0286
rs111589435	G	0.1347
rs62167182	T	0.0355
rs28578546	C	-0.0271
rs11688889	T	0.0256
rs72825169	A	-0.0585
rs77552793	A	-0.1032
rs13398962	C	-0.0258
rs145600243	C	-0.0881
rs150141956	A	0.0766
rs75838950	A	-0.0427
rs17826666	T	-0.0369
rs140077647	T	-0.0545
rs115030499	T	0.1362
rs115885826	T	0.1144
rs149470481	T	0.1397
rs115394387	T	0.0678
rs150408866	G	0.0842
rs33976811	T	0.1091
rs74998707	T	-0.0411
rs79931708	C	-0.0464
rs75598375	C	0.0419
rs28675022	T	-0.0238

rs12623921	T	-0.0379
rs143232883	C	-0.1667
rs12104638	T	-0.0793
rs62145631	A	0.1152
rs10185924	A	-0.0234
rs72869902	C	-0.0969
rs581692	C	0.021
rs3100229	A	0.036
rs17575282	A	0.0667
rs78331915	C	0.0548
rs75914191	G	0.0672
rs74998078	A	-0.0426
rs62161326	C	-0.054
rs142079107	C	-0.0845
rs115077345	G	0.0751
rs78787528	C	-0.1143
rs1020599	G	0.0238
rs76399693	C	0.049
rs6547846	T	0.0205
rs6743650	C	-0.0251
rs146355726	T	0.0889
rs62186182	A	0.031
rs11126214	T	-0.0353
rs75299648	A	-0.1239
rs75493060	C	-0.145
rs116229258	A	0.1269
rs67694908	G	-0.0294
rs2360099	C	0.0808
rs143248168	G	0.0867
rs12151744	A	-0.024
rs17747975	C	0.107
rs77068372	T	0.1181
rs74987538	G	-0.0689
rs34490170	C	0.064
rs61275598	A	-0.024
rs147580324	G	0.0883
rs76155979	C	0.0872
rs1568997	G	-0.0293
rs13032162	A	-0.0615
rs76351474	A	0.1288
rs11894892	A	-0.0348
rs35421249	G	-0.0212
rs2313691	G	0.0323
rs78060548	A	-0.0406
rs17402278	C	0.0865
rs6739351	C	-0.0581
rs10174149	C	0.0276

rs2160643	C	-0.0257
rs78165974	A	-0.0435
rs7568123	A	-0.022
rs2197956	A	0.031
rs77123533	A	-0.1002
rs75253721	A	-0.0986
rs112992405	G	-0.1258
rs1426700	A	0.0225
rs116108200	T	-0.1833
rs116352569	A	0.0556
rs34469654	G	0.0277
rs80255866	A	0.167
rs146744821	G	-0.127
rs724566	C	-0.0653
rs13398585	A	0.0224
rs72927105	A	0.0371
rs56991181	G	-0.0264
rs10169022	T	-0.0216
rs7576835	C	-0.0235
rs111594981	C	-0.0695
rs56388072	T	-0.1436
rs17218383	C	-0.0617
rs75276028	C	-0.0522
rs11686651	C	0.021
rs17049243	C	0.0352
rs6726538	T	0.0237
rs150306938	T	-0.0542
rs146051987	A	-0.1711
rs940339	T	-0.0215
rs79819819	T	0.0676
rs2113820	G	-0.0322
rs116301574	G	-0.128
rs4672503	T	-0.0231
rs72837545	T	0.1172
rs2141384	T	-0.111
rs12473258	T	0.0214
rs74002926	A	0.0833
rs11127296	T	0.0375
rs148257462	C	0.1104
rs11676457	G	0.0812
rs62168442	A	0.0333
rs77248111	A	0.0818
rs7584018	T	-0.0299
rs12386162	G	-0.0204
rs17041717	C	-0.0357
rs55636453	A	-0.0383
rs77707648	C	0.1021

rs6761219	A	0.0873
rs59190957	A	-0.0241
rs17050156	G	-0.0601
rs115943802	A	-0.0664
rs56083407	C	-0.0359
rs62186066	T	0.0527
rs13393228	C	-0.0249
rs79625878	C	-0.0451
rs959054	T	0.0232
rs17667100	C	-0.0232
rs35645906	A	-0.0983
rs116821968	C	0.0487
rs12621011	T	0.0898
rs2271526	C	-0.0372
rs2278481	G	0.0405
rs13424925	C	-0.0862
rs62172388	A	-0.0544
rs138028559	C	0.1413
rs1077071	C	0.0364
rs6735125	A	0.043
rs143797605	A	0.1475
rs12469692	A	0.0296
rs149153670	C	0.1187
rs34600314	C	-0.0217
rs62118025	T	0.0316
rs114132967	A	0.1067
rs114818184	G	0.0976
rs388276	A	-0.0224
rs2194409	A	0.0219
rs6728994	C	-0.0227
rs74441910	A	-0.1039
rs6437144	T	-0.0841
rs76123309	T	0.1005
rs73144896	T	0.0706
rs141367077	A	-0.0336
rs1454043	T	0.0216
rs17814334	C	0.0227
rs13399517	A	0.1548
rs115297001	T	0.1193
rs55837939	T	0.0538
rs2680837	A	-0.0368
rs4074423	T	-0.1093
rs11673766	G	0.0229
rs114949804	C	-0.1502
rs72781959	T	0.0961
rs144709501	T	-0.0822
rs116824536	T	0.1068

rs75201431	C	0.0981
rs11694776	A	-0.0586
rs71422776	C	-0.053
rs114754256	A	-0.1176
rs76453331	T	0.0979
rs7593879	A	-0.0656
rs138958646	T	0.0631
rs78655335	T	0.1144
rs79868883	G	0.0888
rs2368210	G	-0.0523
rs1562393	T	0.0251
rs78711778	A	0.0592
rs9973363	T	0.0211
rs2315523	T	-0.0229
rs138678326	A	-0.1098
rs11693209	C	-0.0801
rs76951753	G	-0.1378
rs112850878	C	-0.0569
rs12467836	A	-0.021
rs13416785	G	-0.0288
rs75486975	T	0.0895
rs17046412	A	-0.0505
rs34758754	C	-0.0355
rs10175035	T	0.0213
rs62166262	A	0.0328
rs612078	A	0.1309
rs1315402	C	-0.0352
rs13407138	T	-0.0198
rs7605617	G	-0.0465
rs931947	T	-0.0399
rs78307551	A	0.0971
rs77160386	A	-0.0602
rs34496958	G	0.1516
rs7564183	G	-0.0276
rs115284905	A	-0.131
rs76053175	C	-0.0603
rs75911205	C	0.0863
rs78645537	C	-0.0635
rs146226549	C	0.1644
rs116097161	T	0.0836
rs145825647	C	0.0345
rs80271190	T	0.1401
rs6435265	T	0.0211
rs13417766	T	0.0272
rs12693084	G	-0.0237
rs72781898	T	-0.1508
rs35941079	C	0.0243

rs6732529	G	0.0208
rs112602611	G	-0.0655
rs1843136	G	0.0238
rs2215827	A	0.0768
rs77726068	A	0.068
rs4849605	C	0.022
rs4594385	C	-0.027
rs1731252	T	-0.0223
rs115566126	C	0.2117
rs16856997	T	0.039
rs9789458	T	0.035
rs11889963	A	-0.0307
rs77761373	A	-0.1193
rs4971638	G	-0.0364
rs76568364	T	0.2207
rs384761	C	0.0229
rs7587040	C	0.0246
rs55640723	C	-0.1286
rs11690866	A	0.0682
rs75286181	A	-0.09
rs6431555	T	0.0827
rs3934763	G	-0.0292
rs62108835	A	-0.052
rs2059983	T	-0.028
rs72790718	T	0.0847
rs17802242	T	-0.0505
rs72824713	A	-0.0397
rs77787820	G	0.0808
rs115020282	T	-0.0987
rs116716472	C	0.066
rs115672153	A	0.0995
rs78094021	A	-0.0385
rs4848942	A	0.0197
rs11675971	G	-0.0221
rs2568380	A	-0.041
rs71422183	T	-0.1257
rs116112808	A	0.102
rs2102771	C	-0.0335
rs74875172	G	-0.0362
rs10497242	T	-0.0336
rs74465551	G	0.0367
rs72948349	A	-0.1182
rs1014509	C	-0.0223
rs72997683	T	-0.0415
rs147957291	T	0.0656
rs12712230	T	0.0351
rs73073183	A	0.0396

rs10208960	T	-0.0666
rs11125358	T	0.1022
rs112172786	G	0.1123
rs10194443	A	0.0437
rs35105445	T	-0.026
rs60641214	T	-0.0279
rs115370791	T	0.079
rs11683103	G	-0.0216
rs6745324	C	0.1035
rs12618570	A	0.0409
rs1469816	A	0.0752
rs16848321	C	0.0374
rs138981964	C	-0.1573
rs35973810	A	0.0606
rs148504406	C	0.0616
rs67493481	C	-0.0301
rs62192460	C	0.1144
rs34742991	G	0.0238
rs4344930	T	0.0336
rs149178666	T	0.0861
rs13002296	C	-0.022
rs138979704	T	-0.1418
rs116292637	C	0.1006
rs3768969	T	0.0229
rs78425477	T	0.078
rs12477549	C	-0.023
rs138795540	T	0.0867
rs78652209	G	-0.0932
rs1358192	T	-0.0228
rs16855760	G	0.0272
rs2063418	C	-0.0202
rs16857595	G	0.026
rs78199970	C	0.1009
rs17387557	G	-0.0676
rs17198764	G	0.0318
rs115158842	A	0.0577
rs114239239	G	0.1226
rs75916553	C	-0.082
rs116308859	G	-0.0413
rs67150475	C	0.0518
rs73021619	A	0.0211
rs36029722	G	0.0882
rs13383368	C	-0.0359
rs6729993	G	-0.0231
rs10164458	G	-0.0204
rs60148853	C	0.0248
rs78385405	C	-0.1066

rs13413866	T	-0.0858
rs79278053	G	0.0333
rs2248895	T	0.0206
rs60327045	T	0.0484
rs75899082	C	-0.2009
rs744429	A	-0.023
rs6544259	G	-0.0418
rs76034825	C	0.0894
rs143796734	T	-0.0826
rs6436921	G	0.0232
rs74813103	G	0.1023
rs13032805	A	-0.0421
rs142947818	A	0.1734
rs45593635	A	-0.0331
rs11897665	A	-0.0285
rs72863908	C	0.1107
rs62178209	G	0.0461
rs17046968	G	-0.1232
rs75562827	C	-0.0874
rs150423572	C	0.0806
rs17497441	A	0.0396
rs112826830	A	0.1059
rs17175745	T	0.0805
rs115499813	T	0.0839
rs76673176	T	-0.0671
rs114368153	T	0.094
rs112855749	T	-0.0766
rs4439992	C	0.0219
rs13392025	T	-0.0482
rs17532294	G	-0.0217
rs2371787	T	0.0196
rs151110148	T	-0.0763
rs12469622	G	0.0435
rs12621152	T	-0.0301
rs72870956	G	-0.0354
rs148457109	T	0.159
rs114859818	A	0.0704
rs7561632	G	0.0511
rs139808240	A	0.1338
rs138469114	C	-0.1431
rs116222054	A	-0.1581
rs35366794	A	0.0511
rs11690969	T	0.0348
rs145923469	T	0.1744
rs77742795	A	0.0796
rs72804704	C	0.0445
rs113423754	C	0.0987

rs77458940	A	0.1086
rs148350919	C	-0.0745
rs115107001	A	-0.146
rs74895278	G	-0.1107
rs74696452	T	0.0773
rs74671599	T	0.0614
rs115867359	A	0.0426
rs13382950	C	-0.0212
rs80092504	G	0.0682
rs35104270	T	-0.031
rs2161776	A	0.0231
rs75535795	T	0.1256
rs150917826	C	-0.1546
rs4662571	G	0.0462
rs4973555	G	0.0217
rs77358714	C	0.081
rs66567073	T	-0.037
rs6716036	A	-0.0418
rs114554332	A	0.0784
rs115676681	A	-0.0925
rs6734493	G	-0.0217
rs73094328	T	0.0586
rs58289687	A	0.08
rs17819028	G	-0.0606
rs41272673	G	0.0639
rs112937432	T	0.0704
rs79778756	C	0.0612
rs11690361	T	0.0235
rs73917220	G	-0.1154
rs72956526	C	0.1284
rs80189034	G	0.1316
rs62119433	T	-0.0274
rs11688709	T	0.0203
rs62171672	G	-0.0614
rs76692359	A	-0.1198
rs116448782	A	-0.0977
rs11677276	A	-0.0201
rs75545182	C	0.1134
rs142342650	T	-0.0651
rs72835396	C	-0.1239
rs149471804	A	0.121
rs149766249	A	-0.1713
rs115184829	T	0.0796
rs79870295	T	0.1165
rs6760129	T	0.0207
rs72839794	C	-0.0573
rs150241249	T	0.0694

rs7561970	G	0.0259
rs745155	G	0.0214
rs72906970	C	0.0536
rs72797617	T	0.0881
rs10172437	A	0.0528
rs12617182	T	0.0833
rs79756876	C	0.1115
rs57612792	A	0.0377
rs76130683	G	-0.0476
rs6715495	A	0.0264
rs79653267	A	0.0708
rs707115	G	-0.0257
rs4528776	C	-0.0414
rs115114218	C	-0.123
rs115392650	A	0.091
rs62165687	T	-0.0516
rs114225850	G	-0.137
rs62161394	G	-0.0335
rs148725369	A	0.1217
rs139599109	C	-0.1424
rs79584412	G	-0.0291
rs12712339	G	0.042
rs7583727	T	0.065
rs115926795	A	-0.1094
rs2652437	A	0.0255
rs72886134	A	-0.0616
rs55803818	G	0.0268
rs56987422	T	-0.0407
rs140935876	C	-0.0815
rs13421980	A	0.0638
rs138232906	C	-0.0805
rs62186909	A	-0.0215
rs4670222	C	0.0205
rs113591624	G	-0.1385
rs12475941	A	-0.0629
rs147310674	A	-0.1318
rs114931159	C	0.0572
rs6739594	C	0.0315
rs2711305	G	0.0216
rs17030786	C	0.045
rs4851384	A	0.0409
rs13405075	C	0.04
rs7559976	C	0.0213
rs10206871	T	0.0415
rs973100	G	-0.1006
rs6754071	T	-0.0274
rs12473095	T	0.0426

rs11563055	G	-0.102
rs77399959	T	0.09
rs6748687	A	-0.0757
rs75013540	T	-0.1373
rs11677911	T	-0.0231
rs112548587	T	-0.0583
rs67927957	C	-0.0357
rs2053332	C	-0.0256
rs76341128	T	-0.1178
rs62143032	T	0.0387
rs139128290	A	-0.1568
rs4832194	C	0.0196
rs2191582	A	-0.0633
rs12469969	T	-0.0204
rs41311599	C	-0.0896
rs146209210	T	-0.1012
rs1402903	T	0.0205
rs114952111	T	0.1214
rs6760851	A	-0.0287
rs1868849	C	0.0278
rs144054402	G	-0.0986
rs2304402	G	-0.0197
rs13391574	A	0.0196
rs114193126	C	0.0844
rs56143025	A	-0.1494
rs75179550	A	-0.0372
rs72875464	T	0.0685
rs145788871	G	-0.0713
rs148802637	C	-0.0868
rs13398940	G	0.0995
rs1922531	G	-0.022
rs116570070	C	-0.1728
rs116253345	C	0.1041
rs72830151	A	-0.0853
rs4563214	T	0.0566
rs62139274	A	0.0794
rs80171191	T	0.0528
rs2345835	T	-0.02
rs4666412	C	-0.0276
rs2577182	T	-0.0203
rs11687793	A	0.0217
rs2160702	A	0.0979
rs1508116	T	-0.023
rs12468281	G	-0.0883
rs16830390	C	0.1231
rs10183422	T	-0.0748
rs12993807	A	0.0495

rs9973762	C	-0.0897
rs72833046	T	-0.0472
rs80249215	A	0.105
rs62188993	C	0.0427
rs115286052	A	0.0956
rs138817493	A	-0.0713
rs1082392	C	0.0742
rs72920644	C	-0.0261
rs10520215	T	-0.0355
rs72842642	T	-0.0446
rs6745407	G	-0.0478
rs75150831	C	-0.0604
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rs62113703	A	-0.02
rs79669781	C	-0.1227
rs74937212	G	0.0439
rs11682325	T	0.0357
rs11674635	G	0.1303
rs55915972	A	0.052
rs78367884	G	0.0873
rs34486643	A	-0.071
rs3772025	A	-0.0474
rs967618	A	-0.0241
rs138400153	A	-0.166
rs17045684	C	-0.0815
rs2971850	G	-0.0201
rs17035178	T	-0.0569
rs13428494	T	-0.0905
rs56382025	T	0.1448
rs141767464	A	0.0895
rs72771706	A	0.0807
rs141741938	T	0.139
rs4075494	C	-0.0206
rs62120317	T	0.0777
rs74106	T	-0.0213
rs3024879	A	0.0528
rs36057115	G	-0.0817
rs114593068	T	-0.0733
rs13384120	C	-0.021
rs75017343	A	0.1294
rs73077937	T	0.0476
rs55767331	T	0.0359
rs76847114	C	-0.1162
rs116056922	T	0.0738
rs76154042	A	0.0467
rs115046237	G	-0.0771
rs61068452	G	-0.0572

rs28494956	T	-0.0665
rs56231986	A	0.1181
rs140268081	A	0.1599
rs76661670	T	-0.0266
rs141369603	T	0.0708
rs77841798	G	0.0789
rs150628086	T	0.1208
rs79770637	T	-0.042
rs147677712	A	-0.1564
rs73197684	G	-0.0277
rs7564010	C	-0.0251
rs116357822	T	-0.1108
rs9917399	A	0.0506
rs4640417	G	-0.02
rs2166445	C	0.0235
rs140023721	A	0.1385
rs17863658	G	-0.0664
rs1843499	A	0.0251
rs142192362	G	0.0808
rs4664145	G	-0.0398
rs150257762	T	0.1069
rs143255492	A	-0.1453
rs146349717	T	-0.0916
rs149149318	T	-0.0699
rs6738981	T	0.0602
rs4669514	T	-0.1239
rs115437116	A	0.0867
rs829580	A	0.0768
rs35973614	A	-0.0477
rs59771434	C	-0.031
rs62136397	G	-0.0628
rs7426213	A	-0.0255
rs13427614	C	-0.1311
rs148371857	A	-0.2001
rs77868248	T	0.0813
rs149244410	C	0.1166
rs115570612	T	0.1199
rs76575616	C	-0.1226
rs72910425	C	-0.1034
rs79075073	C	-0.0253
rs7566973	T	-0.0319
rs114423306	C	0.1342
rs115781991	T	-0.0946
rs114367368	A	0.0634
rs1975716	A	0.0323
rs146810285	G	-0.1
rs72622677	C	0.0322

rs12712861	T	-0.022
rs7561121	G	0.0198
rs16862246	A	0.0409
rs4371332	T	0.025
rs7565773	G	-0.0253
rs77460168	G	-0.0331
rs867851	C	0.0195
rs2395841	T	-0.0262
rs2981371	A	-0.0511
rs17406264	T	0.0861
rs6730196	T	0.0224
rs73975052	G	0.0647
rs7597961	T	0.0316
rs111531737	G	-0.1122
rs147356297	A	0.1967
rs141001074	A	0.0977
rs57557801	T	0.0461
rs144022547	G	-0.0716
rs72966898	A	-0.0268
rs114018081	C	-0.1352
rs72791839	C	-0.0592
rs78956414	C	0.0407
rs6707835	C	0.0196
rs34118161	C	0.0303
rs12615983	A	-0.0247
rs146972460	T	0.1404
rs28363003	A	0.0539
rs4851024	A	-0.0672
rs76661877	C	-0.0988
rs6545385	C	-0.0199
rs79998990	T	-0.0961
rs111479130	A	0.0244
rs78158772	G	0.0312
rs79011677	G	-0.1138
rs80228170	A	-0.0872
rs11690963	C	0.0216
rs4848931	C	-0.0203
rs116448128	C	-0.1449
rs75180451	T	-0.0738
rs10204624	T	-0.027
rs1120688	G	-0.03
rs79401534	C	-0.1002
rs74805861	A	-0.0593
rs10169804	T	0.1247
rs58066895	A	-0.0269
rs143571404	C	-0.1398
rs147904885	C	-0.0256

rs113492626	T	-0.1381
rs12711711	G	0.022
rs140554891	G	0.1295
rs75923973	G	0.0995
rs76385904	C	0.1114
rs13414868	T	-0.0279
rs2293271	A	-0.0199
rs28363022	G	0.1506
rs60347157	T	0.0429
rs66963661	C	0.0321
rs1530075	T	0.0194
rs11897502	T	0.062
rs72844424	A	0.0399
rs62170820	C	-0.1449
rs145935504	C	-0.1509
rs12470842	A	-0.025
rs56366979	G	0.0751
rs13012143	T	0.0243
rs77202299	T	0.0631
rs6726265	C	0.0202
rs148810046	T	0.0842
rs144096044	G	-0.0789
rs76134872	A	-0.1651
rs6707126	A	0.0303
rs6731722	C	0.0213
rs1947144	A	0.0223
rs76540331	A	-0.0566
rs114358059	T	0.1087
rs1469366	A	0.0333
rs10208683	G	0.0294
rs75127909	T	0.0541
rs72801799	A	-0.0285
rs356996	T	0.0199
rs959538	T	-0.0196
rs72811812	C	0.0383
rs78677453	A	0.1257
rs62166722	T	0.0356
rs144407148	C	0.0892
rs75100542	C	0.1108
rs3821160	G	-0.0213
rs139755308	T	-0.026
rs6731308	C	0.0199
rs10201566	G	0.0232
rs75034508	T	0.1154
rs2138385	T	0.0307
rs7565464	A	0.0377
rs2059981	C	-0.0222

rs6707000	A	0.0234
rs41288829	T	-0.0954
rs76811732	G	0.0908
rs11893097	G	0.1623
rs114015466	G	-0.1121
rs75957031	T	0.0695
rs78674114	C	-0.093
rs56115718	T	-0.0361
rs75257258	T	0.0825
rs113221597	A	0.0377
rs114141294	A	-0.0908
rs140669980	T	0.0545
rs4608525	T	0.0259
rs114640303	T	0.1631
rs116572752	A	-0.0938
rs34646141	G	-0.0854
rs16985335	C	-0.1213
rs13020943	C	0.0218
rs17049335	G	0.0606
rs2083162	C	0.0199
rs78670690	A	0.0348
rs145882555	G	0.0713
rs13005775	A	0.0349
rs72794644	C	-0.0499
rs7561366	G	-0.0359
rs2142488	T	0.0333
rs17228733	G	0.0267
rs3806500	T	-0.027
rs13415684	G	-0.0223
rs114099383	C	-0.0903
rs1549343	G	0.0196
rs4668841	C	0.0204
rs75325457	T	-0.105
rs1921640	T	0.0216
rs11674945	A	-0.0485
rs17330228	T	0.068
rs74517650	A	-0.0711
rs1866238	G	-0.0215
rs7597137	G	0.1142
rs114158523	A	0.108
rs13401026	T	0.0318
rs62129547	T	0.0565
rs114838872	T	0.0488
rs115328509	T	-0.139
rs114522959	G	0.111
rs114384812	G	-0.1089
rs1372299	T	-0.0252

rs80225883	G	0.0842
rs75365842	A	-0.0732
rs1871241	A	-0.0196
rs74704434	T	-0.0755
rs114363006	C	0.0843
rs17270248	T	0.0467
rs115561812	C	0.1025
rs142334643	C	-0.0808
rs3943552	T	0.0407
rs1374110	C	-0.0273
rs79736375	T	-0.0557
rs72971948	C	0.0331
rs113912792	C	0.0662
rs79930085	G	0.0774
rs71407588	T	-0.0958
rs114641757	A	0.1475
rs2341697	C	-0.0231
rs115331905	A	0.0807
rs62163273	T	-0.0778
rs76414281	G	0.032
rs16823182	G	0.0607
rs78882810	T	-0.0688
rs4673989	G	0.0203
rs6729160	T	0.046
rs10198791	T	-0.0202
rs6725206	C	-0.0748
rs145202972	T	0.0823
rs10194607	T	-0.048
rs114574084	T	-0.0727
rs72845608	G	0.1052
rs11687010	A	0.02
rs111879519	T	-0.0498
rs139318806	T	0.0841
rs78488656	T	-0.0983
rs9973503	T	-0.0222
rs1659914	C	-0.0317
rs115911005	A	-0.1798
rs41265109	A	0.0953
rs12612797	A	-0.019
rs503105	C	0.0241
rs1367230	G	0.0251
rs114712363	G	-0.1201
rs72828968	T	0.0343
rs7603916	C	0.02
rs62172012	C	-0.0728
rs11884183	C	-0.0372
rs3115359	C	0.0377

rs78313842	T	-0.0769
rs115666140	G	0.1358
rs13008498	C	-0.0237
rs78473264	A	-0.0541
rs2042830	C	-0.0367
rs1045234	C	-0.0358
rs12469218	A	0.0247
rs3845844	G	0.027
rs144544027	T	0.1023
rs62188737	A	-0.0354
rs76013654	T	0.1153
rs13009964	G	-0.0247
rs72851626	G	0.1438
rs16826995	A	-0.0834
rs306184	T	-0.0206
rs145057466	T	0.1075
rs148288353	A	0.1052
rs114412394	T	-0.0955
rs148043321	C	-0.0751
rs78012678	G	0.08
rs1542176	T	0.0196
rs144114648	A	-0.1182
rs10519894	A	-0.0304
rs7578637	A	-0.0858
rs143607339	C	0.1344
rs10171896	C	-0.0352
rs11675006	T	-0.0329
rs116503253	C	-0.0909
rs9677359	T	-0.0403
rs12990312	T	-0.0299
rs116627794	G	0.1403
rs79643968	T	0.0459
rs141918496	C	0.1512
rs35071341	G	0.0519
rs114056721	C	0.0598
rs138276747	G	-0.1162
rs6757025	A	0.0273
rs139277594	G	-0.1044
rs113012893	G	-0.0286
rs6436824	A	0.0204
rs116731399	G	0.0811
rs28479667	A	-0.0323
rs111972749	A	0.0616
rs7581794	G	-0.1752
rs2119667	A	0.0192
rs146181180	T	0.1203
rs116385543	C	0.0546

rs11127469	G	0.0202
rs13018589	T	0.0258
rs62176064	G	0.059
rs115123842	T	-0.0874
rs79395623	T	0.0535
rs76002034	C	0.1094
rs702877	C	-0.0267
rs34901603	A	0.0272
rs112858007	G	-0.1677
rs6732660	A	-0.0562
rs4971381	A	-0.0192
rs4669335	C	0.1235
rs145408031	T	0.0609
rs1541579	G	0.0201
rs62134403	T	0.112
rs13019679	A	-0.0366
rs61059676	T	-0.0245
rs11679088	A	0.0318
rs77581324	G	-0.0834
rs62182229	C	0.1608
rs11692556	T	-0.022
rs13025138	T	0.0239
rs71430264	T	0.0674
rs111795552	A	-0.056
rs78046225	G	0.0593
rs17722778	C	-0.1063
rs74645345	C	0.1235
rs79944176	A	-0.0707
rs145265872	T	0.0523
rs17550379	C	-0.0354
rs713611	C	-0.0245
rs78767729	C	-0.0748
rs114466198	A	0.1285
rs665650	A	-0.0207
rs600578	G	0.0233
rs4954106	A	-0.0334
rs10187732	C	0.0232
rs10165823	A	0.0259
rs67469828	A	-0.0219
rs10803649	C	0.0206
rs57121275	G	-0.0574
rs71430071	T	0.1286
rs75667030	C	-0.0762
rs17497213	C	-0.0425
rs1364649	T	-0.0355
rs10153948	T	0.0439
rs3893111	G	0.0237

rs75671089	T	-0.0719
rs6743675	G	-0.042
rs11691660	G	0.0203
rs940674	A	-0.1157
rs116128631	C	0.0778
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rs72820944	C	0.0496
rs79895937	C	0.0816
rs11679471	G	0.0307
rs75251015	C	0.0933
rs116452736	A	0.0652
rs143447975	T	0.1441
rs77217587	A	0.105
rs9288042	A	-0.0273
rs12052411	G	-0.0341
rs17242280	C	0.0673
rs1987783	C	0.0197
rs113364873	C	0.0864
rs114334177	C	0.1086
rs788163	C	-0.0213
rs77104864	T	0.0341
rs12994845	C	0.0289
rs76765684	C	0.1153
rs12619185	A	0.0191
rs1608215	C	0.0215
rs56381872	A	-0.1228
rs75687555	A	0.0332
rs112204301	A	0.1003
rs16826387	A	0.0397
rs78532622	A	-0.1284
rs17398620	A	-0.1076
rs79601458	C	0.0488
rs72841122	T	0.0359
rs76460503	A	-0.1235
rs75773760	G	-0.0964
rs17779587	T	-0.0607
rs13410020	A	-0.0277
rs13010695	T	0.0246
rs75932120	C	-0.0297
rs147284805	A	0.0649
rs114356956	C	0.1765
rs112478633	A	0.0707
rs11096592	A	-0.021
rs10182679	C	0.0251
rs17034628	T	-0.1194
rs7590480	C	0.0203
rs4670034	C	0.0234

rs72811236	T	0.0314
rs116398283	C	0.0588
rs114808435	T	0.0857
rs57540835	G	0.0291
rs80179607	C	0.0802
rs10929811	G	0.0251
rs148544523	A	0.0965
rs7608259	G	0.0338
rs13384583	T	-0.0207
rs116425635	T	-0.136
rs11684741	T	-0.0228
rs11124451	G	0.0197
rs13032486	A	-0.0815
rs72784396	T	-0.0594
rs13424954	A	-0.0265
rs138291552	G	0.0877
rs1630418	A	0.0244
rs6710260	G	-0.0262
rs78482419	T	0.0601
rs146749612	T	-0.126
rs7558981	G	0.0306
rs77385917	G	-0.064
rs72784331	A	0.0315
rs17033001	T	0.0545
rs148399683	T	-0.1258
rs11679384	C	-0.0286
rs111900973	G	0.1279
rs17581008	C	-0.1199
rs7581367	T	-0.1314
rs4321359	T	0.0231
rs115408880	T	0.1526
rs4850004	T	-0.0191
rs10173279	G	0.0343
rs114820593	A	0.0493
rs7572574	T	-0.0907
rs78484886	G	0.0453
rs17190583	G	-0.0292
rs11682687	G	0.0264
rs6751505	T	-0.0204
rs76888561	G	-0.072
rs77559408	C	0.0526
rs78656754	A	-0.0808
rs12151728	G	0.0443
rs11690100	T	0.029
rs28687	C	0.0265
rs71430206	T	0.1217
rs62126477	A	-0.0329

rs28652706	T	0.031
rs12465874	C	0.0268
rs10175587	A	-0.0356
rs17278890	C	0.0465
rs6546174	C	-0.0204
rs4848590	T	-0.0368
rs62175483	G	-0.0265
rs34847903	G	-0.0229
rs10203157	T	0.0686
rs56303140	A	-0.0987
rs776488	C	-0.0209
rs139324988	T	0.1796
rs1511189	G	0.0203
rs7582575	T	0.0295
rs12466549	A	0.0211
rs141698678	A	-0.0674
rs138854492	G	0.0736
rs116450169	T	-0.1139
rs7579949	T	0.0232
rs115065086	C	-0.1346
rs115016140	A	-0.0733
rs72902105	G	0.0322
rs78384382	T	0.1201
rs6741465	A	0.0748
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rs78670869	T	0.1339
rs79512050	A	-0.0929
rs1078819	C	0.0255
rs1007793	G	0.0255
rs10183229	C	0.0853
rs116547781	C	-0.1588
rs115641582	A	-0.075
rs1978414	C	-0.0533
rs7604173	T	0.0197
rs1838254	G	-0.1417
rs75880069	C	0.0524
rs34856387	A	-0.0774
rs147141540	A	0.0423
rs2697794	C	-0.0238
rs11692723	C	0.0235
rs72975178	A	-0.0368
rs11126005	A	-0.0204
rs72813768	A	-0.0918
rs79753400	T	0.1217
rs6722347	A	0.0199
rs11687280	C	-0.0665
rs4622679	G	-0.0831

rs35812040	A	0.0951
rs13385804	C	-0.0205
rs72775824	C	-0.0298
rs12465125	G	0.0198
rs334112	T	-0.0275
rs72909967	G	-0.1529
rs4973393	T	-0.0202
rs12989737	C	0.0334
rs72992248	G	0.0468
rs74812680	C	-0.0794
rs6733784	C	-0.0268
rs1913987	G	-0.0302
rs35920137	A	0.0895
rs72972981	C	0.0369
rs57577079	G	-0.0498
rs17025319	A	-0.0693
rs10182590	C	-0.0308
rs11687717	C	0.0866
rs72946763	T	-0.1134
rs74270368	T	-0.0329
rs73109439	G	0.0267
rs35921314	A	-0.0234
rs11684931	T	0.0696
rs6743961	T	-0.0189
rs10167611	C	-0.0989
rs75145714	C	-0.0875
rs143639561	C	-0.0326
rs4240225	T	-0.0267
rs148631221	T	0.1484
rs1878320	C	0.0393
rs76615398	G	0.0798
rs12622387	T	-0.0271
rs111414553	G	0.0282
rs17040682	G	-0.0268
rs17024692	G	0.032
rs72888791	T	-0.1009
rs116747369	T	-0.1259
rs11690865	T	0.0225
rs76539557	G	0.0792
rs77701107	A	0.1572
rs6436223	T	0.0302
rs7584620	C	-0.0229
rs140471606	A	0.0952
rs118093256	C	0.0687
rs118145919	A	0.1
rs72971243	T	-0.0738
rs62140955	G	0.1101

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rs62193497	A	-0.0281
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rs11897518	G	0.0966
rs7606993	C	-0.038
rs72804536	C	0.2471
rs13002180	T	-0.1564
rs72780399	A	0.0302
rs79543997	A	-0.1222
rs148290164	C	0.0973
rs6759955	C	-0.0596
rs79663649	G	-0.0855
rs141966351	T	-0.1087
rs7583476	T	0.0193
rs80215023	C	-0.0765
rs74359780	A	-0.0387
rs112000033	C	0.0966
rs115885095	A	-0.0707
rs13412887	G	-0.0255
rs138901584	A	0.1156
rs113274709	A	0.1018
rs4240223	A	-0.0188
rs759429	T	-0.0323
rs79572412	C	0.1274
rs17753351	G	-0.0572
rs114447902	T	0.0813
rs3796114	T	0.041
rs112871534	T	-0.128
rs17265885	G	-0.1628
rs72781267	T	0.0954
rs77618023	A	0.1032
rs77919687	A	-0.078
rs60651819	C	0.0196
rs114491565	T	-0.1151
rs62127988	G	-0.1055
rs11902459	G	0.0206
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rs13001068	G	-0.0381
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rs78326416	C	-0.0537
rs177762	T	0.0237
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rs10209895	T	-0.0362
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rs79891745	G	0.0525
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rs115196919	C	-0.0859
rs12991226	T	0.0454
rs150975450	T	0.0677
rs28489364	A	0.036
rs116694085	T	-0.1323
rs114109566	A	-0.1034
rs116581753	A	-0.0802
rs1897616	T	-0.02
rs12990795	C	-0.0314
rs13401133	A	-0.0566
rs16856834	T	-0.0576
rs62149913	A	0.0579
rs7567336	C	0.1317
rs74591894	A	0.0492
rs10182640	A	0.0696
rs4953332	T	-0.0286
rs113360850	A	0.1228
rs78504695	A	0.0669
rs6735788	C	0.0577
rs141950315	A	-0.0781
rs113149120	C	-0.1384
rs112478356	C	0.0894
rs1721333	G	0.0219
rs4669423	G	-0.0277
rs71413531	A	-0.1558
rs28829079	T	-0.027
rs72874584	G	0.0748
rs6721128	G	-0.0213
rs112913451	C	0.0908
rs17388897	T	-0.0203
rs141207482	T	-0.0478
rs76502998	G	-0.0575
rs140614198	A	-0.0325
rs79015754	A	-0.0553
rs111311948	C	0.1302

rs114712118	G	-0.1019
rs75792391	A	0.1151
rs12989704	G	0.0217
rs62146773	C	0.0438
rs1546642	T	-0.0197
rs6729015	T	-0.0196
rs216639	T	-0.1026
rs72838530	A	0.0508
rs141068763	C	0.1394
rs6712500	A	-0.0327
rs80094848	C	0.1789
rs75483949	G	-0.0471
rs138305858	T	0.0767
rs891816	G	0.0187
rs11902010	G	-0.04
rs72784367	G	0.1079
rs62140628	C	-0.0936
rs10931311	T	-0.0195
rs7584026	T	-0.0244
rs2100172	C	-0.0261
rs72613837	A	-0.0775
rs35138616	A	0.0491
rs72804015	T	-0.1243
rs6755434	C	-0.0406
rs13020225	T	-0.1709
rs79010246	G	0.1158
rs62181780	G	0.0378
rs918954	G	0.0795
rs75017804	C	-0.0785
rs116474894	A	0.1201
rs146118312	G	0.0823
rs115694607	T	0.096
rs1877342	G	-0.0274
rs115418330	A	0.079
rs148885901	A	-0.0673
rs114514826	G	0.0982
rs112385344	T	0.0358
rs17737841	G	-0.0307
rs2390165	A	0.0189
rs72949839	G	-0.0599
rs17293732	C	-0.0243
rs2595167	G	0.0626
rs535200	A	-0.0641
rs72835810	C	0.0414
rs116425213	A	-0.0938
rs13418394	A	-0.0685
rs1439141	G	0.0261

rs78807414	A	0.1221
rs4673785	T	-0.0605
rs148480043	T	0.1139
rs12621187	C	-0.0191
rs4627616	A	0.0206
rs13004452	G	0.0592
rs115072749	T	0.0972
rs4953904	C	-0.0221
rs71415218	A	0.0281
rs17220217	A	0.0458
rs9789344	A	0.0189
rs4405810	C	-0.0222
rs4141819	C	-0.0208
rs6711920	T	0.0229
rs114584432	C	0.0621
rs145908786	T	0.0745
rs4667196	T	0.0211
rs72788755	A	-0.0548
rs6718838	G	0.0256
rs116200042	G	0.0674
rs78493201	C	0.0619
rs116333681	G	-0.0515
rs72818098	G	-0.1116
rs79675564	A	0.0567
rs17474432	G	-0.0505
rs2123508	A	0.0253
rs4676230	A	0.0519
rs1551485	T	0.0197
rs13386446	C	-0.0427
rs12471301	A	0.0199
rs57753199	G	-0.0556
rs72773102	T	-0.0472
rs144475939	T	-0.1063
rs114599333	G	0.123
rs116271486	C	0.0963
rs10865223	G	0.0186
rs114641579	G	-0.0964
rs12473705	T	-0.0422
rs114257015	C	-0.1275
rs6710321	T	-0.1613
rs71435439	A	-0.0449
rs78471655	G	0.0445
rs10191908	A	-0.0193
rs79849855	C	-0.1172
rs1347504	A	-0.0248
rs75257451	T	0.053
rs56123531	T	-0.0461

rs74259153	T	0.061
rs72771229	C	-0.0701
rs4669582	T	0.0758
rs13403558	C	-0.0441
rs6738983	T	0.0215
rs2170604	A	0.022
rs78907431	A	0.0623
rs17022634	C	-0.0283
rs146409171	G	0.0707
rs4676160	G	0.1251
rs313273	A	0.0759
rs72781778	A	-0.0517
rs60833098	C	-0.0436
rs56890545	T	-0.0243
rs72944716	T	-0.0561
rs55903351	A	0.0412
rs72948544	C	-0.0465
rs6543997	T	-0.1224
rs150894318	C	0.1643
rs12463788	T	-0.0212
rs73042858	A	0.0824
rs116289242	C	-0.0613
rs17409451	T	-0.0278
rs74263479	G	0.025
rs76958496	G	-0.0226
rs114787333	T	0.1056
rs72785578	A	-0.0703
rs62149405	T	0.0543
rs73029720	C	-0.0497
rs73997595	G	-0.0833
rs6541977	G	0.0263
rs243034	C	0.0196
rs114428457	G	-0.0627
rs809949	T	0.0608
rs2162019	T	-0.0347
rs62156605	T	-0.1348
rs112329893	T	-0.1396
rs851066	T	0.0337
rs35896480	C	0.1699
rs12613955	G	-0.0187
rs6431769	A	0.0206
rs4669891	T	-0.1291
rs6759049	A	0.0535
rs79568142	A	0.1504
rs141558775	C	-0.1351
rs1946894	A	-0.0458
rs7573025	C	0.0353

rs115763137	T	0.1157
rs72862763	C	0.1133
rs11678115	C	-0.0194
rs7571208	A	0.0189
rs16824990	G	0.0308
rs72792408	C	0.0496
rs72794463	A	0.0892
rs56410650	G	0.0863
rs77700608	A	-0.0433
rs115983264	G	0.0951
rs56326655	A	-0.0465
rs76324948	C	0.1703
rs72915110	T	-0.1164
rs111333330	C	-0.0354
rs1220228	C	0.0223
rs4953260	T	-0.0229
rs17553445	T	0.0524
rs7589870	C	0.0193
rs34663098	C	-0.0946
rs28597693	C	0.0355
rs145311111	A	0.1138
rs901225	A	0.0336
rs148199835	T	0.0863
rs13009455	A	0.0213
rs114749634	G	-0.0965
rs2303496	T	0.0269
rs2008776	T	-0.0189
rs9288373	A	0.0231
rs73177685	T	0.1021
rs4407290	A	-0.0523
rs2282743	A	-0.0307
rs10170054	A	-0.0333
rs10203099	A	-0.0837
rs75281882	G	-0.0852
rs17528324	A	-0.0414
rs7607447	T	-0.0273
rs2053671	G	0.0363
rs16865795	T	0.1142
rs10169617	C	-0.021
rs12988170	C	0.0571
rs77666804	A	-0.055
rs7578769	G	-0.0237
rs1425005	A	-0.0241
rs144796762	C	-0.102
rs77040483	T	0.0436
rs17178608	C	-0.0599
rs111948214	A	-0.0794

rs74717611	G	-0.058
rs78672879	G	-0.0834
rs77549335	T	-0.1744
rs62185323	G	-0.1145
rs115770141	C	-0.0878
rs56369254	G	-0.0506
rs72878695	T	-0.0249
rs139053856	C	0.0969
rs72765587	C	-0.0322
rs999401	T	0.0259
rs6433074	A	0.0185
rs34296762	A	-0.0559
rs1814553	G	0.065
rs144601530	G	0.1368
rs28545614	T	0.0273
rs11681775	A	-0.0301
rs72892648	G	-0.1319
rs78867891	C	-0.0357
rs6708476	T	0.0191
rs62173587	C	0.1143
rs72953337	T	-0.0646
rs116272295	A	0.1633
rs76804142	T	0.1651
rs62171727	A	-0.0365
rs16864025	T	-0.0566
rs10164684	T	-0.0346
rs13409808	A	0.0704
rs112801589	C	0.0582
rs71446459	A	-0.0603
rs72817037	A	0.0848
rs2867911	A	0.0324
rs13026618	C	-0.0383
rs62110858	G	0.0743
rs114259577	C	-0.1442
rs1320122	T	-0.0769
rs6717329	C	-0.019
rs78855203	T	0.0472
rs41459254	C	0.0198
rs6711300	G	-0.0551
rs75818618	C	0.1392
rs111763616	A	-0.0797
rs932007	A	-0.0189
rs10175460	C	-0.0324
rs62114476	G	0.0423
rs12465259	C	0.0376
rs13013188	A	-0.1161
rs58509795	T	0.0816

rs111652057	A	0.0616
rs62184386	T	-0.019
rs67213524	C	0.0339
rs4665192	T	-0.0199
rs74698080	A	0.0686
rs72886055	G	0.0469
rs13005511	C	0.0408
rs7570921	A	-0.0299
rs145818883	T	0.0951
rs76668775	T	-0.095
rs6431951	T	-0.0343
rs2193883	A	-0.0336
rs148192276	T	0.1347
rs35114992	T	-0.0413
rs6747194	A	-0.0627
rs2159725	T	0.0545
rs77445304	T	0.0485
rs10169949	G	0.0295
rs11889588	T	-0.0193
rs148816176	C	0.0909
rs77076070	G	-0.0349
rs2139478	T	-0.0255
rs114779495	A	0.1186
rs7355681	G	-0.0192
rs74935128	G	0.0441
rs142730360	A	0.1511
rs57070266	C	-0.0418
rs62174445	G	-0.0366
rs36117252	C	0.0248
rs75767242	G	0.1376
rs115383481	G	-0.1102
rs2007056	A	0.0471
rs115890861	T	-0.1573
rs2419081	G	0.0225
rs34745251	A	0.0769
rs10469688	G	-0.0657
rs1540379	T	-0.0194
rs10189542	G	0.04
rs9308992	A	0.0206
rs114073612	A	0.1302
rs149167927	G	0.0983
rs11687437	G	-0.0251
rs114865519	G	0.0769
rs77567457	A	-0.07
rs77106038	C	0.0569
rs35585141	T	-0.0631
rs12470458	A	0.03

rs10196397	A	0.0396
rs79622081	T	0.0926
rs76791741	T	0.064
rs72856008	A	-0.0908
rs61752170	T	-0.1455
rs4675465	C	-0.0836
rs72829367	T	0.0469
rs114081176	T	-0.0593
rs77679138	C	-0.0535
rs12995360	G	0.0687
rs77963006	A	0.0784
rs78059876	G	-0.0619
rs75338021	T	-0.0423
rs11884299	C	-0.0538
rs4972463	C	0.0383
rs7578176	A	0.0772
rs12620743	C	-0.03
rs71424808	G	-0.1229
rs78991270	A	0.0445
rs3108980	A	0.019
rs11682431	C	-0.064
rs6756839	C	0.0197
rs112786949	A	0.0991
rs12996082	T	-0.0267
rs148430001	A	-0.1208
rs35041113	C	-0.0566
rs72840446	C	0.0445
rs139270199	G	-0.1012
rs56382684	G	-0.0408
rs4312541	G	0.0623
rs17864570	G	-0.063
rs1447194	A	-0.0313
rs7589392	T	0.111
rs55653632	T	-0.0772
rs4583488	A	-0.104
rs4473326	T	-0.0221
rs62127435	C	0.0701
rs72932499	T	-0.034
rs2385536	G	-0.0342
rs74761554	C	0.0495
rs114219826	A	0.0846
rs57532747	A	0.0674
rs142486983	C	0.046
rs111502433	T	0.1468
rs4245791	C	-0.02
rs55821509	A	0.0321
rs78117254	C	0.1417

rs994286	A	-0.0787
rs7594954	G	0.0242
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rs2464779	A	-0.0191
rs115661085	T	-0.0499
rs6717731	C	0.0288
rs146765895	C	0.058
rs1175865	T	0.0286
rs7594257	A	0.041
rs10469868	G	-0.0259
rs13021203	T	0.1332
rs140095200	C	0.05
rs76889085	A	0.0503
rs13005734	A	-0.0354
rs60797055	G	0.0417
rs7588991	A	-0.029
rs10168327	A	0.0598
rs13002439	T	0.0669
rs71429137	A	0.1328
rs75812932	T	0.0796
rs79634932	G	-0.0384
rs74937873	C	0.0932
rs10203779	T	0.0235
rs7569513	C	-0.0494
rs6709509	A	-0.0471
rs74444079	A	0.0646
rs10929518	G	0.0196
rs12990483	C	0.0205
rs12997129	C	-0.1238
rs13401572	A	-0.0337
rs16858880	A	0.0472
rs87545	A	0.0272
rs12618858	A	0.0564
rs35073249	T	-0.0948
rs80272242	C	0.0458
rs114938639	C	0.0894
rs2193690	G	0.0188
rs75266949	C	0.0846
rs76796029	T	0.1304
rs35216182	G	0.0233
rs62151273	G	-0.0784
rs72854986	G	0.0841
rs114451115	G	-0.1065
rs115496810	T	-0.1198
rs6436981	T	0.0907
rs72834799	C	-0.0862
rs12615813	C	-0.0406

rs150885521	G	0.0664
rs138446931	A	-0.0798
rs3132026	C	-0.0544
rs138053377	A	-0.1603
rs2564051	T	0.0189
rs11689433	T	0.0295
rs75191025	A	-0.0667
rs115067970	C	0.0626
rs12613889	C	-0.0759
rs12612138	G	-0.0243
rs1653798	C	-0.0218
rs6745822	T	-0.0753
rs78628219	T	-0.1045
rs10928420	G	-0.0292
rs13402721	T	0.0375
rs77175858	C	0.1051
rs79819857	A	0.0604
rs11688022	C	0.1201
rs17398191	T	-0.0454
rs13017759	A	0.0842
rs78837821	T	0.0298
rs2241757	A	0.0206
rs77970431	A	0.1334
rs9309204	A	-0.0726
rs146551537	A	-0.1181
rs1252062	C	-0.0393
rs116406494	A	-0.1398
rs16846571	G	-0.0357
rs1549346	A	0.0653
rs17366322	G	0.0189
rs13429054	C	0.043
rs148571314	C	0.1342
rs142387923	T	0.1185
rs994815	G	-0.0263
rs115137434	G	0.0653
rs36062515	C	0.0569
rs4667985	G	-0.0286
rs114529564	G	-0.1131
rs114884472	C	-0.0627
rs7582843	C	0.023
rs115164546	G	0.1235
rs17429154	G	-0.1162
rs6707988	A	0.0209
rs16853022	T	0.0733
rs147333484	A	-0.1056
rs78216223	C	0.0584
rs28615318	G	-0.0767

rs112839019	T	0.0726
rs115844716	G	0.0603
rs72871830	G	-0.0762
rs62177063	G	0.0402
rs62204770	C	0.079
rs1991966	C	-0.0367
rs6751789	G	-0.0347
rs13392409	G	0.1084
rs10184543	T	0.0727
rs7565180	C	-0.0248
rs726715	T	-0.0411
rs17306785	T	0.0185
rs849523	A	0.0208
rs80234830	G	-0.1165
rs12986852	T	-0.0269
rs79413151	G	0.0476
rs57310477	T	0.0284
rs12465641	A	0.0248
rs78615312	A	0.0332
rs10171226	G	0.0873
rs78514045	T	0.1217
rs17647232	T	-0.0246
rs6715454	T	0.019
rs13015456	C	0.0201
rs13392400	C	-0.0607
rs3732339	A	-0.0964
rs144723707	A	-0.1426
rs11693327	C	-0.0277
rs12471396	T	-0.039
rs114791017	T	-0.0802
rs79923778	G	0.0417
rs35049717	A	0.027
rs78163226	T	0.0424
rs2675106	C	0.0232
rs2082186	T	-0.0369
rs10185800	T	-0.0194
rs62124825	T	0.0559
rs12162334	G	0.0413
rs151249305	C	0.0799
rs7597412	C	0.0188
rs4849726	A	-0.0255
rs12997069	T	0.0225
rs17019667	A	0.098
rs144335740	C	0.0739
rs17392134	G	-0.0245
rs56009510	C	0.0658
rs1669469	T	0.0973

rs35694600	G	-0.0379
rs113477056	A	0.0894
rs28363041	A	0.1219
rs73949637	G	0.0746
rs13017392	A	0.0426
rs149591899	C	0.1223
rs6735357	G	0.0956
rs145805984	T	0.0551
rs116469910	T	0.1138
rs75706540	T	0.1389
rs13432616	G	0.0863
rs12998692	A	0.0242
rs17190429	C	0.0435
rs148112341	C	-0.129
rs72923811	C	-0.1097
rs1500998	C	0.0205
rs2612699	T	-0.022
rs872124	A	-0.0695
rs141578046	C	0.1351
rs1530532	G	0.0219
rs76486599	A	0.039
rs13431915	T	0.1004
rs79160692	A	0.0862
rs2075285	T	0.0294
rs36142576	C	0.0636
rs2193615	G	0.0183
rs73042206	G	-0.0583
rs6430813	A	0.032
rs3845743	A	-0.0211
rs12618079	G	-0.0201
rs11676473	A	0.023
rs2041689	A	-0.0224
rs75639043	T	-0.0813
rs6708782	C	-0.0606
rs12995201	G	0.0342
rs11680058	G	0.0399
rs10930883	T	0.0385
rs116564382	G	0.0711
rs34186479	T	-0.0272
rs148051983	T	0.0978
rs950817	G	0.037
rs112420801	G	-0.1042
rs7592793	T	-0.0419
rs7587139	G	0.0196
rs10929771	G	-0.021
rs164942	G	0.0222
rs116656703	A	-0.0898

rs77248260	C	-0.0446
rs2099213	G	-0.0344
rs143194853	C	-0.049
rs116380454	C	0.0339
rs968051	G	0.0275
rs115666273	T	-0.0965
rs115173405	T	-0.077
rs76812243	G	0.0508
rs10175878	T	0.0899
rs77019621	A	0.0597
rs72823503	C	0.1254
rs6740689	C	0.0799
rs10177149	G	-0.0248
rs141127519	A	-0.1309
rs79456370	C	-0.056
rs4246586	G	0.1143
rs144577796	A	0.0757
rs1545523	A	-0.0186
rs80010668	C	-0.1122
rs752280	C	-0.0316
rs2114805	C	0.0203
rs58177404	T	0.0442
rs56215660	T	0.0219
rs11687356	C	-0.0332
rs149939730	T	0.0805
rs62135776	T	0.0713
rs1156052	A	-0.0243
rs144937746	G	-0.1213
rs7589146	C	-0.1025
rs62168978	G	0.1177
rs10469668	G	-0.0194
rs116676140	A	-0.1399
rs139966869	C	0.1375
rs13416072	G	-0.0345
rs148158051	G	0.0997
rs7557175	C	-0.0212
rs138531673	T	0.1429
rs7588234	C	0.0194
rs72922851	A	-0.0355
rs62104934	C	0.0333
rs1317614	G	-0.0275
rs7590831	T	-0.085
rs78540684	A	0.0654
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rs145710839	T	0.0672
rs2116540	C	0.0377
rs115032822	A	0.0444

rs116346115	A	0.0991
rs6754757	G	0.019
rs13399720	A	0.1074
rs143496320	T	-0.033
rs140159630	C	-0.1173
rs79633423	A	-0.116
rs143558633	A	-0.085
rs848625	A	0.0316
rs139247563	A	0.1017
rs71420890	G	0.054
rs7420153	C	-0.0225
rs10498133	T	-0.0385
rs115970928	C	-0.1538
rs78325321	C	-0.0958
rs116369776	T	0.1223
rs72830568	G	-0.0428
rs10496863	A	0.064
rs4392207	G	-0.0342
rs72796743	A	0.131
rs2276588	A	-0.022
rs2193870	T	0.0224
rs35205948	G	-0.0442
rs75954314	T	0.0703
rs78073003	T	-0.0633
rs111916845	A	-0.133
rs17860416	A	0.0534
rs72948526	C	0.0954
rs115123253	A	-0.1603
rs115288824	A	0.0852
rs4952394	T	-0.0216
rs6748607	G	0.0196
rs72878665	C	-0.0646
rs116651559	G	0.0742
rs12694126	C	0.0211
rs11682564	G	-0.0285
rs7605148	T	-0.0347
rs17758259	A	-0.0665
rs17769570	T	-0.0186
rs11904223	T	0.0197
rs7558020	G	-0.0279
rs79585232	T	-0.1468
rs11681246	G	0.0202
rs62181407	A	-0.0304
rs1441642	G	0.0188
rs13032220	G	0.0233
rs2288102	C	-0.0503
rs4662668	G	-0.023

rs73942226	C	0.0818
rs1518851	C	0.1218
rs923453	A	-0.0282
rs74893382	C	0.0478
rs12987759	T	0.0268
rs76942133	A	0.0745
rs62139606	C	0.0893
rs62146072	C	0.0988
rs112259539	A	0.0787
rs16830312	A	0.0579
rs4674131	G	0.0555
rs823553	A	-0.0233
rs7571270	G	0.0205
rs114854968	T	-0.1393
rs13421737	T	0.0194
rs6751890	A	-0.0181
rs68128257	G	0.0231
rs16866778	T	0.0319
rs145118035	G	-0.0399
rs10202049	C	-0.0564
rs11125531	G	0.024
rs74936631	G	0.143
rs6737025	A	0.0244
rs112056738	C	0.0649
rs7585164	T	-0.0391
rs71437701	G	-0.039
rs114188747	T	-0.1366
rs74529054	T	0.028
rs935866	G	0.0183
rs10206629	C	-0.0247
rs7586592	C	-0.0264
rs112825379	T	0.0644
rs113036274	C	0.0912
rs1510733	G	-0.0231
rs763860	C	-0.0201
rs112572394	T	-0.0378
rs11892050	A	-0.0309
rs10165977	G	0.0252
rs13419154	T	-0.0221
rs114587090	T	0.1101
rs10930421	C	0.0764
rs140981326	A	-0.08
rs12476402	T	-0.0838
rs2941874	G	-0.0225
rs1563121	T	0.0288
rs72774252	C	0.0415
rs2451289	G	-0.0215

rs78550355	T	0.1712
rs75683675	G	-0.0573
rs62149754	A	-0.0444
rs7557405	C	-0.0215
rs75766689	A	0.1281
rs73181319	G	0.0346
rs113640395	G	0.0514
rs77521613	A	0.081
rs7564145	T	0.0321
rs114843806	T	-0.0572
rs112459214	C	-0.0889
rs7581442	A	-0.0184
rs76209860	T	-0.045
rs13033669	A	0.0464
rs12996040	T	0.0291
rs113179456	T	-0.113
rs2902048	T	-0.0272
rs9646922	A	-0.0409
rs74413203	C	0.0608
rs17808065	C	-0.051
rs11686966	G	0.0994
rs78702988	A	0.0365
rs141220716	C	0.1223
rs7581710	G	-0.033
rs2432940	A	-0.0201
rs62197904	A	0.0266
rs149045575	G	0.1108
rs72782805	G	0.0728
rs12053034	A	0.0181
rs62154025	A	-0.0344
rs116558660	C	-0.0757
rs34753100	T	0.06
rs6545363	C	0.0195
rs17656058	T	0.0199
rs10173377	A	-0.0182
rs35525595	T	-0.0914
rs75184257	T	-0.1334
rs2603146	G	0.0187
rs114299426	A	-0.0606
rs116658180	A	-0.1333
rs113508356	A	-0.1034
rs41288839	T	0.0784
rs1213940	T	0.0287
rs72930448	G	0.0219
rs7340415	C	-0.0217
rs7577537	A	-0.0203
rs61695765	A	0.0267

rs143827828	G	-0.0824
rs77566478	A	0.042
rs6713115	A	0.0486
rs76949068	A	0.1352
rs113494018	C	0.1341
rs61376549	T	-0.0647
rs75237621	T	-0.0649
rs62144586	T	-0.0454
rs148721366	T	0.0856
rs10933363	A	0.0184
rs116151766	T	0.1245
rs4953704	G	-0.018
rs11903583	A	0.0191
rs114105406	G	0.0792
rs67232877	C	-0.05
rs115093807	G	-0.0844
rs35648980	A	-0.1044
rs2316145	T	-0.0217
rs62140668	A	-0.1649
rs73969722	C	-0.0814
rs77045036	G	-0.0281
rs79925773	T	0.1201
rs724158	A	0.0182
rs1453485	C	-0.0253
rs75687949	G	-0.0568
rs77233361	A	-0.0446
rs6730917	A	-0.0178
rs9808411	A	-0.0955
rs72868004	A	0.076
rs35639117	T	0.024
rs143435618	A	0.0975
rs115038454	A	-0.1476
rs11686584	G	-0.077
rs17721404	C	-0.0189
rs74760448	C	0.0472
rs707062	C	-0.0232
rs148923422	C	-0.1732
rs1562417	T	0.0191
rs377892	T	0.0189
rs75963148	T	-0.0704
rs76099009	T	0.0286
rs17389324	T	0.0208
rs58845751	G	-0.0303
rs62194975	G	-0.0236
rs76183383	T	0.0432
rs139719008	C	0.0926
rs112472602	T	-0.1393

rs144013060	T	0.0804
rs34888761	T	-0.0919
rs4521025	G	0.019
rs142408201	A	-0.0746
rs79583214	C	-0.055
rs2916529	G	0.0271
rs111427835	T	-0.0489
rs10199627	T	0.0997
rs958153	T	0.0663
rs7586540	G	0.0252
rs114197606	A	0.0765
rs1174934	T	-0.0238
rs13409334	C	0.0888
rs78570595	G	-0.0375
rs4894088	A	-0.0346
rs114941566	G	-0.1146
rs112121164	A	-0.0825
rs6760704	G	-0.0266
rs4663808	C	0.0231
rs114846446	A	0.0871
rs141626674	A	0.1121
rs115444459	T	0.1048
rs78361463	C	-0.0351
rs76959316	A	-0.0646
rs116682373	C	-0.0609
rs141941612	C	-0.13
rs62130330	A	-0.0712
rs142227921	G	-0.1445
rs55916505	C	-0.0738
rs1031091	G	0.0189
rs144521506	G	0.1045
rs76982332	T	0.0751
rs56403886	T	0.0181
rs7592342	T	0.0193
rs116104592	C	-0.0779
rs1159673	C	-0.0234
rs115736862	A	0.0687
rs58102695	C	-0.0404
rs2583004	G	0.0899
rs1896287	T	0.084
rs80050069	A	0.0362
rs74637005	A	-0.0612
rs74328999	A	0.1093
rs17050155	T	0.0607
rs144798268	C	0.1313
rs7574651	T	-0.0213
rs476837	C	-0.028

rs78859591	T	0.1441
rs4669026	T	-0.0405
rs3912011	C	-0.0544
rs10932015	T	-0.0222
rs76954991	A	-0.1136
rs7573573	A	0.0291
rs112756920	G	0.0735
rs11681024	T	-0.052
rs4852091	C	0.0291
rs145096174	T	0.1472
rs116638260	T	0.0684
rs12620484	A	0.0179
rs149512659	A	-0.1209
rs116373412	C	-0.0997
rs138390012	C	-0.1087
rs7601087	A	0.0447
rs114686809	T	-0.0968
rs80192418	A	-0.0665
rs3914723	T	-0.0244
rs115106058	C	0.075
rs74988179	G	-0.1064
rs4952070	C	0.0211
rs72827423	C	0.0691
rs144796740	C	-0.0817
rs75769797	A	-0.0804
rs115860689	T	-0.0977
rs11686319	A	-0.0228
rs2172951	A	-0.0764
rs4270338	T	0.0358
rs17643147	A	0.0232
rs7581157	C	0.0216
rs72959031	A	-0.0652
rs12465265	A	0.0419
rs111411460	T	0.081
rs77678686	G	-0.0695
rs72771165	G	-0.0571
rs78582941	T	0.1219
rs2034045	A	0.0425
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rs6714786	G	0.0198
rs2681017	A	0.0202
rs300784	C	0.0824
rs7421942	T	-0.032
rs79221481	T	0.0795
rs138414903	G	-0.0763
rs243023	T	-0.0306
rs11886424	T	-0.0287

rs74506105	C	-0.0316
rs140772000	C	0.0903
rs10201809	T	-0.0301
rs72930808	C	-0.0486
rs35155396	T	-0.0636
rs137888130	G	0.0829
rs115299511	T	0.0688
rs146675384	T	-0.1165
rs1870446	G	0.1108
rs79333225	G	-0.1362
rs825935	A	-0.077
rs78219496	A	-0.0523
rs7425201	T	-0.0208
rs4674390	G	0.1256
rs13424110	T	0.034
rs11885538	T	0.0312
rs35593236	G	0.0261
rs12470929	T	-0.0183
rs11676534	C	-0.0199
rs141365625	T	0.149
rs148934517	A	-0.0899
rs772436	C	-0.019
rs138120656	T	-0.1823
rs142774760	A	-0.1102
rs142774676	A	0.0513
rs7581135	G	-0.0654
rs73135023	C	-0.0461
rs80198649	T	0.0839
rs76557351	C	-0.0736
rs72826079	G	0.093
rs35641553	A	0.0851
rs146981565	T	-0.0626
rs4664674	T	-0.0207
rs1522493	G	-0.0302
rs360278	A	0.0635
rs4669467	T	-0.0275
rs1470524	A	0.0218
rs73981468	G	0.0487
rs115954444	A	-0.1143
rs111317159	G	-0.1059
rs116804012	A	-0.053
rs116611807	T	-0.0577
rs7566286	A	-0.0277
rs143181729	C	-0.1216
rs11684782	G	-0.0177
rs7608684	G	-0.0343
rs236828	C	-0.032

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rs2171169	T	-0.0263
rs72780369	G	0.1032
rs61283909	A	0.021
rs62105848	A	-0.0373
rs76749969	G	0.1313
rs12621443	G	-0.0205
rs74907227	A	0.0797
rs2695412	A	-0.0474
rs2710630	T	0.0185
rs6737886	A	-0.0205
rs6706807	A	-0.0385
rs11126491	A	0.0277
rs78064179	T	0.086
rs115083048	T	0.0648
rs144441178	C	0.077
rs7603744	G	0.0393
rs72782339	A	0.0712
rs72780214	G	-0.0585
rs36088622	G	0.1054
rs143300559	A	-0.0685
rs12712608	C	0.0257
rs79374648	G	-0.0662
rs80340785	C	0.0949
rs139810606	T	0.0863
rs6739025	A	0.0446
rs11684249	G	0.0389
rs1851767	C	-0.0607
rs75421235	G	-0.0496
rs871458	A	0.018
rs116003349	T	-0.0792
rs35635794	A	0.0727
rs77598446	G	0.0334
rs112097186	A	-0.0647
rs78003139	T	-0.1184
rs7596167	T	0.0205
rs17770072	G	0.0912
rs149025191	G	0.1225
rs17189964	G	0.0352
rs8330	G	-0.0212
rs75366292	G	-0.1403
rs4665793	C	-0.0203
rs62132751	T	0.0518
rs1083485	T	-0.0184
rs35576045	G	-0.1108
rs141758168	G	0.098
rs115799947	T	0.0942

rs4633963	A	-0.0243
rs7564458	T	-0.0664
rs74968530	T	-0.0736
rs149754807	G	-0.0562
rs62159558	A	0.0185
rs41347752	G	0.1501
rs10929421	C	0.0191
rs77429485	A	-0.134
rs78486947	A	0.0873
rs72933317	T	0.0323
rs116003305	A	-0.0638
rs6718248	G	-0.0222
rs4851791	A	-0.0204
rs79141900	C	0.0468
rs41553213	A	-0.115
rs62186916	G	0.0377
rs74772554	T	-0.0914
rs74261335	T	0.0971
rs3935582	T	0.0282
rs116297908	G	0.0759
rs1562344	C	-0.1133
rs116408284	T	-0.0858
rs143124738	A	-0.1667
rs79467428	T	0.0821
rs11096676	G	0.0246
rs17032742	C	0.0233
rs77112608	T	-0.0629
rs62174863	G	0.0345
rs2113707	G	-0.0295
rs116092272	C	0.0688
rs4640388	A	-0.0778
rs111571778	A	-0.0863
rs3821270	T	-0.0178
rs77787138	C	-0.1318
rs6545246	G	0.0211
rs112905357	A	-0.1056
rs10930571	T	-0.0438
rs111706164	G	0.0645
rs4505569	T	0.0209
rs12992518	T	0.0401
rs144961538	A	0.1397
rs11892220	T	-0.0224
rs111441701	A	-0.0375
rs139276163	T	-0.1265
rs114434720	T	0.0926
rs860992	T	0.0317
rs147233538	A	-0.1272

rs1106037	T	-0.0291
rs115738318	C	-0.0542
rs75601073	G	-0.1472
rs6705569	G	-0.0482
rs57484600	A	0.0533
rs115512564	G	-0.0967
rs114949392	T	0.0973
rs1526300	A	0.0554
rs78097068	A	-0.0934
rs75436175	A	-0.1132
rs17399773	G	0.0219
rs74572676	T	0.0503
rs72911508	G	-0.0332
rs4670392	C	0.0239
rs80012186	T	0.0914
rs77203757	G	-0.0745
rs115325518	T	0.0782
rs79559932	C	-0.1002
rs3918349	T	-0.0181
rs11690666	C	-0.0203
rs12473590	T	-0.0853
rs7573109	A	-0.0179
rs35222811	G	-0.0767
rs116245080	A	0.0884
rs115113259	C	-0.0749
rs840782	G	-0.1233
rs115579928	C	0.0589
rs12616130	C	-0.0866
rs10169436	A	0.0888
rs6739881	C	0.0193
rs74635159	T	0.0636
rs116514211	T	-0.0661
rs12993293	T	-0.0244
rs113565693	T	-0.075
rs143986343	T	0.1152
rs146612138	C	-0.1286
rs73914230	G	0.0747
rs540156	T	-0.0301
rs17015792	C	0.0847
rs62163217	A	-0.0412
rs35600620	T	0.0237
rs75877538	T	0.067
rs7566886	A	0.0251
rs6759238	G	0.0191
rs113292416	T	0.0805
rs150604160	C	-0.088
rs12612386	A	0.0566

rs116089164	A	0.0768
rs6739472	A	-0.02
rs79015600	A	0.1321
rs73913009	G	-0.0632
rs115535976	G	-0.1022
rs12994269	A	0.0279
rs113391101	G	-0.0433
rs6714469	G	0.0353
rs116548607	A	0.1058
rs77252721	A	0.0517
rs4675247	C	0.0182
rs10201420	G	0.0285
rs111529517	A	0.0881
rs10490327	A	0.0241
rs12988529	C	-0.0306
rs79600925	G	-0.0558
rs6737677	G	-0.035
rs149484138	A	0.038
rs13016205	G	0.024
rs12468549	A	-0.02
rs76147470	T	-0.0764
rs62170380	A	0.1051
rs33921199	A	0.0951
rs13420929	A	0.0414
rs62135509	T	0.0357
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rs74779263	T	-0.11
rs4663439	C	-0.0232
rs78317016	T	0.112
rs114792701	T	0.0984
rs76459791	G	0.0716
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rs67169505	C	0.0267
rs342094	T	0.0212
rs114722802	T	-0.0688
rs74259757	T	-0.0252
rs1545361	T	-0.0272
rs145713565	A	0.071
rs78199422	T	-0.0896
rs35678376	A	-0.0779
rs6761767	C	0.0252
rs67254537	A	-0.1281
rs16866551	A	-0.0257
rs1875407	T	-0.0187
rs1430064	C	-0.0535
rs16830321	A	0.1212
rs11685404	G	0.0394

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rs10932253	G	0.025
rs4672663	A	0.0768
rs62188361	G	0.1541
rs77426475	A	0.1138
rs148261534	C	0.0276
rs9798063	A	-0.0193
rs13023358	C	-0.0658
rs150128644	T	-0.1203
rs35540299	C	0.0596
rs17046706	A	0.0793
rs10175237	G	0.1007
rs75928968	G	-0.0345
rs113803613	G	-0.1225
rs147398252	T	0.0819
rs115448074	C	-0.1066
rs13030056	T	-0.021
rs7599508	T	-0.0249
rs72846187	C	0.0797
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rs13421114	A	0.0359
rs116767171	C	0.0773
rs2366815	T	0.0615
rs12472530	T	-0.0215
rs10199376	C	-0.0236
rs6717451	T	0.0209
rs996409	T	-0.0204
rs17443836	A	-0.0176
rs4233891	T	0.0223
rs12621331	G	0.0247
rs149962669	A	0.0631
rs149162860	A	0.0751
rs72864884	A	0.1838
rs4516411	G	0.0349
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rs115170316	A	0.1272
rs4670725	G	0.0377
rs72807080	G	-0.1225
rs13400180	T	0.1052
rs72836335	A	0.039
rs76228387	C	0.0548
rs12622156	A	-0.0254
rs12624314	T	0.0313

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rs163512	A	0.0354
rs114273606	A	-0.0942
rs77101307	T	-0.0766
rs114255478	G	0.0815
rs78476823	A	0.1354
rs113311818	G	-0.0869
rs113303245	A	0.038
rs759437	A	-0.0245
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rs78144564	G	-0.043
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rs72849133	G	-0.0832
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rs6740991	G	0.0211
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rs3861566	C	-0.0206
rs35440638	T	-0.148
rs75292120	A	-0.0551
rs72809577	C	0.1829
rs146809504	C	-0.0737
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rs77590241	A	0.0868
rs139240210	C	0.0407
rs6711018	G	-0.0217
rs13016931	G	-0.0223
rs10183654	T	0.0352
rs2008412	C	0.0228
rs116399284	T	0.0933
rs1965134	T	0.0843
rs78923181	C	0.0666
rs62145993	A	0.0698
rs112904177	A	-0.0476
rs114040198	A	-0.1172
rs75660939	C	0.0942
rs79874846	G	0.0577
rs76484003	G	0.0442
rs35187885	T	0.1024
rs13030720	T	-0.0701
rs115491188	G	-0.0781
rs12476966	C	-0.0897
rs6737276	A	-0.0351
rs7573581	A	-0.0319
rs116386796	A	0.0851
rs1246015	A	0.0549

rs1190434	C	0.0331
rs66625329	A	-0.0187
rs34864496	T	0.0346
rs72820641	A	0.0625
rs116803649	A	-0.1081
rs13031615	C	0.0188
rs4668381	C	-0.0293
rs12329201	C	0.0316
rs12468025	T	0.0204
rs3771871	T	-0.0307
rs78893788	A	-0.0799
rs13385237	T	0.0332
rs113855709	T	-0.092
rs34660574	A	-0.0962
rs62139969	A	0.102
rs56413330	A	0.1517
rs543727	T	-0.0228
rs77829440	T	0.0845
rs78512930	T	-0.0893
rs11123646	C	0.02
rs35459674	C	0.0346
rs11900260	A	-0.1497
rs10177861	A	0.02
rs34593440	T	0.0383
rs139965814	T	-0.103
rs1179722	T	0.0201
rs141291681	G	0.129
rs112138355	C	-0.1224
rs115209209	A	0.1037
rs35278637	G	0.073
rs138839892	T	-0.1652
rs12328204	C	-0.0181
rs115718260	C	0.069
rs843661	C	-0.0321
rs11684560	A	0.022
rs10206316	G	-0.0252
rs3739116	G	-0.0236
rs1836721	T	0.0346
rs1135791	A	-0.0173
rs34862026	G	0.0539
rs34816465	C	-0.0581
rs77506483	G	0.078
rs138254801	G	0.065
rs17608242	G	-0.101
rs72951600	A	-0.0308
rs35879921	T	0.0423
rs6722480	A	0.0484

rs74920878	A	0.0823
rs146766284	G	-0.0943
rs148565219	G	0.1098
rs139266972	T	-0.0766
rs141214846	A	0.166
rs2118906	G	0.0314
rs72833852	C	-0.0334
rs77291452	C	0.0601
rs142820032	C	-0.0993
rs75356866	T	-0.0754
rs13394647	G	-0.0922
rs139854978	C	0.074
rs59540391	T	-0.0715
rs10209954	C	-0.0207
rs76845405	T	0.0477
rs2001872	G	-0.0241
rs75386488	G	0.1224
rs79973203	C	0.1154
rs116457567	C	0.0741
rs1112611	A	0.0247
rs114674167	A	-0.1323
rs111305583	T	0.0606
rs66706988	G	-0.0872
rs74444355	T	0.0849
rs75845312	T	-0.0312
rs147807540	C	0.1146
rs2672107	A	0.0439
rs140881457	C	0.0809
rs145159244	T	0.1134
rs116794726	C	0.0419
rs6746395	T	0.0196
rs6712575	C	-0.0245
rs1821698	T	0.039
rs12465689	T	-0.0221
rs11895936	A	0.0193
rs62190900	T	0.0264
rs4671977	C	0.018
rs62167042	A	0.0361
rs16843304	C	0.0506
rs11895509	A	0.0309
rs78058370	T	-0.0568
rs1053807	A	-0.0171
rs12464342	G	0.0185
rs16862062	G	0.0194
rs7558365	A	0.022
rs72910744	G	-0.0732
rs115122012	T	-0.094

rs17270407	C	0.0288
rs4675467	C	-0.0215
rs291334	A	0.0201
rs13029274	A	-0.0351
rs115430077	G	0.1241
rs4646334	A	-0.0641
rs72939915	A	-0.036
rs144335135	T	-0.0663
rs11694498	A	0.0187
rs61405503	T	0.0378
rs62173526	G	-0.0406
rs10929053	C	-0.0363
rs11676103	A	-0.038
rs67418057	A	-0.0458
rs116573286	C	-0.0924
rs56310582	A	-0.0184
rs6719103	A	0.0713
rs146901930	A	0.1236
rs79832257	C	0.0602
rs71429764	A	-0.0561
rs1518662	A	-0.0424
rs76142591	C	-0.0834
rs17366146	A	0.0625
rs4669027	T	-0.0293
rs75441806	G	-0.064
rs147933438	T	0.1209
rs79785694	T	-0.1133
rs6761374	G	-0.0255
rs12328191	T	-0.0651
rs76846591	A	0.0826
rs76034921	C	-0.1035
rs34823620	C	0.0246
rs13023828	G	0.0204
rs138148855	A	0.1013
rs6724274	G	0.0217
rs55767232	G	-0.0309
rs76605966	C	-0.0924
rs72831697	C	0.0421
rs3213891	G	-0.0802
rs11889580	C	-0.018
rs1991108	T	0.0246
rs2066946	T	0.0195
rs149839961	A	0.101
rs908613	T	-0.0679
rs114816804	G	-0.1456
rs17032271	G	-0.0588
rs6722082	T	0.0636

rs62128611	A	0.0182
rs80168430	T	-0.0915
rs7597314	A	0.0269
rs17645700	C	-0.0224
rs9808399	G	0.0426
rs111911523	T	0.1015
rs77677395	T	-0.0869
rs13032367	C	0.0301
rs10196150	C	-0.0214
rs1608992	T	0.02
rs113488924	A	-0.0346
rs147404285	A	-0.0256
rs13426177	C	0.0208
rs2244166	A	-0.0232
rs146420876	T	0.1272
rs12620572	T	-0.0262
rs79457011	G	-0.1143
rs72958352	T	-0.096
rs13385093	C	0.0239
rs112873448	G	-0.0988
rs78064456	A	-0.0653
rs71424176	A	0.0551
rs34234933	T	-0.0438
rs78088381	G	0.1346
rs2884241	C	0.033
rs80228335	A	0.0925
rs1527986	G	0.0236
rs11690456	G	0.0279
rs140631586	T	-0.0685
rs80286886	C	-0.1289
rs11890306	T	0.0178
rs77431197	G	0.0758
rs13411455	A	-0.027
rs35031440	T	-0.06
rs17437573	C	-0.0592
rs114995875	G	0.0935
rs12476892	A	-0.0262
rs13009589	T	0.0604
rs56032614	T	0.0458
rs12475029	T	0.0223
rs112918095	A	-0.1286
rs35241844	C	-0.0845
rs7565887	T	-0.0174
rs7595691	G	-0.0338
rs74822488	G	-0.0412
rs6725845	C	0.1042
rs114337548	T	-0.0595

rs17019581	C	0.0273
rs148611436	C	0.109
rs9789668	T	0.0207
rs10165788	G	-0.0244
rs6723028	C	-0.0331
rs581667	C	0.0525
rs1613177	A	-0.0243
rs61619469	C	0.0232
rs113681266	G	-0.0343
rs55654888	A	-0.0424
rs16858115	C	-0.0422
rs79656435	C	-0.0451
rs114488020	T	0.1079
rs28615562	T	-0.0204
rs80277185	C	-0.1019
rs884401	C	-0.0183
rs143025457	A	0.0961
rs16850062	G	0.1038
rs4664833	T	0.0172
rs1967279	A	-0.058
rs1818750	C	-0.1273
rs28497374	G	0.1253
rs114905448	T	-0.0871
rs1920526	G	0.0174
rs12473256	C	0.0831
rs139546911	G	-0.0818
rs34986597	C	-0.0327
rs11690499	A	0.0257
rs112949671	G	0.1186
rs250906	A	0.0725
rs149974747	T	-0.046
rs7422681	C	-0.053
rs3087621	A	-0.0564
rs34838955	T	0.0275
rs72813606	T	0.0943
rs112953586	A	-0.1477
rs930976	T	-0.0228
rs114564130	C	-0.0668
rs2361503	A	0.0176
rs116780213	T	-0.0631
rs12993942	G	-0.0193
rs1448574	T	0.0219
rs10208199	A	-0.0172
rs116584359	C	-0.0694
rs10211170	A	-0.0202
rs62169038	A	-0.0952
rs13034699	T	-0.0717

rs145281736	C	0.1098
rs142004676	T	-0.0683
rs114422749	C	-0.0957
rs17011719	G	-0.051
rs4676431	G	-0.0279
rs62104203	T	-0.029
rs62156351	T	-0.0381
rs77954592	T	0.1339
rs11688164	C	-0.0278
rs7583682	C	0.0269
rs6727913	G	0.0193
rs116144080	T	0.0644
rs340764	G	0.0179
rs74706501	A	-0.0554
rs77718084	C	-0.1101
rs10197216	T	0.0352
rs114530458	C	-0.0556
rs115433021	G	-0.0641
rs17019163	C	0.0539
rs1595774	G	-0.0182
rs11685144	C	0.0418
rs4611657	C	0.0215
rs6733209	A	0.0312
rs6435658	T	0.0182
rs56325852	A	-0.0849
rs6436723	T	0.0243
rs13035396	A	0.0176
rs77813971	A	0.0646
rs145747631	A	0.0991
rs74324298	A	-0.0753
rs115229041	C	-0.1374
rs71430665	C	-0.1168
rs112889166	A	-0.0787
rs79684656	G	-0.0946
rs75495619	C	0.075
rs17033360	C	0.076
rs13411322	T	-0.0271
rs62139990	A	0.1146
rs4430998	G	0.0216
rs7589120	T	0.0187
rs12473835	A	-0.0459
rs145116513	C	0.126
rs2627775	T	-0.0177
rs56146083	G	-0.0294
rs13398525	A	0.0454
rs74717561	C	0.1359
rs114558467	C	0.0694

rs113428475	G	0.07
rs112129162	T	0.0361
rs1344696	T	-0.023
rs2345720	A	-0.1408
rs57832934	G	-0.0969
rs7605995	A	-0.0197
rs74861521	A	-0.1295
rs74553688	T	0.0796
rs17197695	C	0.099
rs114431440	T	-0.1194
rs114965479	T	0.0939
rs11127228	T	-0.0188
rs6728356	A	0.0171
rs7582886	C	0.1076
rs77431084	G	-0.0255
rs72916864	C	0.0548
rs6713480	G	0.0198
rs77746969	C	-0.0976
rs11688735	C	0.0479
rs1430100	G	-0.0176
rs13007666	A	0.0219
rs78403134	A	-0.0558
rs10197393	T	0.0178
rs56319212	G	-0.0285
rs7608196	T	-0.0209
rs145150446	T	-0.1352
rs6722057	A	-0.0328
rs818010	G	0.0981
rs111745445	C	-0.02
rs112547779	A	-0.05
rs17363260	C	0.029
rs144460868	T	-0.1727
rs12613960	A	0.0196
rs114674704	A	-0.0903
rs113764134	A	-0.0277
rs74535603	C	0.1145
rs1250083	G	0.1448
rs116037646	C	0.0827
rs17012004	C	-0.0206
rs146895410	A	-0.0824
rs13413624	A	-0.0568
rs141820015	A	-0.0762
rs74603953	A	0.0903
rs79222455	G	0.1107
rs113389790	A	0.1272
rs115653473	G	-0.0682
rs11902652	G	-0.0274

rs35527763	G	-0.0743
rs13388785	T	-0.0404
rs114221830	A	0.072
rs6725430	G	-0.0791
rs1477517	G	0.0181
rs75889529	C	-0.0627
rs16864498	A	-0.0446
rs10170009	T	-0.0232
rs6722666	A	0.118
rs4246608	T	0.0315
rs34269923	G	0.0377
rs13015442	T	-0.0743
rs78819760	G	0.0995
rs1355419	C	-0.0382
rs714616	C	-0.0208
rs62195964	T	0.0923
rs923889	G	-0.0217
rs78882783	C	0.0672
rs12712112	A	-0.0173
rs115732536	A	0.0531
rs7604908	G	-0.0197
rs62137397	C	-0.0937
rs17038027	T	-0.0579
rs147922397	T	0.0567
rs71415405	A	0.0919
rs73003595	T	-0.0737
rs6741790	C	-0.0172
rs148393549	C	0.1261
rs4500936	T	0.0196
rs11677870	A	-0.0438
rs138465819	G	-0.079
rs72833860	C	0.1603
rs4668229	T	-0.0751
rs7592453	C	0.0201
rs3731789	T	0.0294
rs9283513	C	0.0191
rs72800426	T	-0.0681
rs79126431	T	-0.0533
rs3111777	A	-0.0286
rs62124787	C	-0.0308
rs6704630	C	-0.0298
rs2580343	A	0.0179
rs7566632	G	0.0239
rs61613914	A	0.061
rs141216273	A	-0.0468
rs45611940	C	-0.0255
rs11692611	G	-0.0821

rs111894716	T	-0.0568
rs148895303	G	0.1562
rs137900675	C	-0.1407
rs6431485	T	0.0192
rs116732878	A	0.1002
rs138095198	G	0.0968
rs4074806	C	-0.0236
rs17504249	A	0.0233
rs17764739	A	0.0519
rs6548149	C	0.0253
rs10197142	C	0.0273
rs41272653	C	0.0475
rs116346698	C	-0.0568
rs114793167	A	0.0604
rs1723487	T	0.0232
rs115834716	A	-0.1259
rs7579595	G	0.0292
rs147442295	T	0.0647
rs143567124	T	-0.0363
rs150114273	G	-0.145
rs6419588	C	-0.0227
rs10181064	T	0.0204
rs111844372	C	-0.1758
rs72795609	C	-0.1247
rs6708920	A	-0.0173
rs66476363	G	0.0565
rs72855110	A	-0.0762
rs921683	C	0.0184
rs13415352	G	-0.0803
rs115986116	T	0.1078
rs6712439	A	-0.029
rs13405086	A	-0.0205
rs77775343	A	-0.0286
rs17210341	T	0.0457
rs148970274	T	-0.0835
rs13417499	T	-0.0238
rs17251700	A	0.0678
rs115548066	C	-0.0925
rs35283549	T	-0.051
rs903760	C	0.0333
rs6751458	A	-0.0215
rs62126860	G	0.0609
rs11903474	T	0.0987
rs7569072	T	0.0763
rs150990131	T	0.1084
rs55928538	C	0.0532
rs13406562	T	-0.0407

rs113093975	T	0.0264
rs114008673	T	-0.0845
rs1296528	A	0.0263
rs6743274	A	0.0325
rs66663409	A	0.0544
rs116058562	A	0.0869
rs13023804	G	0.0731
rs3791399	A	-0.0181
rs116603385	G	-0.0719
rs79838727	T	0.1334
rs77146183	A	-0.0426
rs74653572	T	0.0963
rs4511663	T	0.0182
rs6724138	A	-0.023
rs72823384	A	-0.0961
rs79400510	T	0.0733
rs6755608	T	0.0303
rs72835177	C	-0.1002
rs74847383	G	-0.0287
rs1485980	G	0.0341
rs72956062	A	-0.132
rs938907	A	0.0214
rs181129	G	0.0201
rs74445599	C	0.0232
rs62185679	A	-0.036
rs34528309	T	0.0265
rs10177915	G	0.0715
rs115502690	A	0.0443
rs10179718	T	-0.0183
rs12472710	G	0.0313
rs72845873	A	-0.0471
rs113633963	G	0.129
rs114574662	G	0.1176
rs79680225	A	0.1274
rs147689030	T	-0.1258
rs76424400	C	0.1308
rs10166817	C	-0.0453
rs306155	A	-0.0254
rs10189862	A	0.0239
rs17323117	G	0.0334
rs79094107	A	0.0972
rs11677927	A	0.0197
rs17033787	T	0.0202
rs10496552	A	-0.0255
rs141869884	C	0.1245
rs115152764	A	-0.0518
rs76755282	C	0.0354

rs17817547	C	0.041
rs10175273	C	0.0191
rs6761555	A	0.0227
rs6713187	G	0.0531
rs144340094	T	0.0634
rs75103862	G	0.073
rs72813868	A	-0.0585
rs13015144	T	-0.0177
rs2968828	A	-0.0322
rs10928453	G	0.0227
rs16860330	T	0.0607
rs13426447	G	0.0238
rs72968368	A	-0.0724
rs113493391	T	0.1218
rs77723314	T	-0.0667
rs112280995	T	0.1205
rs111339122	T	-0.0306
rs115647240	C	-0.0476
rs80303428	G	-0.1081
rs953044	G	0.0179
rs62150814	A	0.0713
rs150863183	G	0.0907
rs7577929	C	0.0269
rs34337994	T	-0.0591
rs11904274	T	0.0842
rs34930495	G	-0.0483
rs72806760	A	0.0247
rs11690621	T	-0.0237
rs6714416	G	-0.0309
rs72960910	G	0.0908
rs6752450	G	0.0199
rs76657301	A	-0.063
rs17023236	C	0.0234
rs6726305	G	-0.0172
rs113164179	T	-0.0635
rs143737839	G	-0.0674
rs111779814	C	0.05
rs78654231	C	-0.057
rs17015772	T	0.0697
rs7604243	A	0.02
rs6757173	C	-0.0322
rs6750513	G	0.0458
rs12477831	G	0.0195
rs11124002	T	-0.0213
rs13417480	C	0.0216
rs62185204	C	0.0557
rs2139163	A	-0.0269

rs1991869	C	0.0317
rs11896326	C	0.0375
rs34188084	A	-0.033
rs148210140	G	-0.1446
rs80226914	T	0.1123
rs147300311	T	-0.1468
rs6433504	G	-0.0711
rs13414787	T	-0.0225
rs116091962	A	-0.1002
rs6753358	T	0.0236
rs2218084	T	-0.0229
rs76771408	A	-0.06
rs150932778	A	-0.1172
rs78127689	T	0.0676
rs141531336	A	-0.0396
rs4952611	C	-0.0197
rs58569264	C	-0.0367
rs11685096	T	0.0525
rs144637666	G	0.0731
rs11675092	A	-0.0321
rs6732006	A	0.0346
rs113652195	T	0.0931
rs996899	T	-0.0176
rs12478175	T	0.0238
rs4673695	G	-0.0291
rs72974552	A	0.1008
rs149023903	A	0.0686
rs7606197	A	0.0192
rs4416268	C	-0.0185
rs62139718	A	0.0265
rs74497800	A	-0.0512
rs13002354	C	-0.066
rs6743511	C	-0.0951
rs154962	A	-0.0211
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rs2377910	T	-0.018
rs79943846	T	0.0371
rs34991391	C	-0.0822
rs11688702	G	-0.0233
rs56725436	T	0.0351
rs2406603	T	-0.0861
rs58563434	A	-0.0892
rs62171092	G	-0.0591
rs12693068	C	0.0183
rs1559592	T	0.0206
rs72955832	G	0.0504

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rs62195521	T	0.0715
rs144765519	T	-0.0485
rs10188830	C	0.0934
rs62135622	C	0.0627
rs13426682	G	0.0549
rs62171547	A	-0.0253
rs7561960	A	0.0345
rs4854382	T	-0.0222
rs72770569	C	-0.1151
rs116663214	G	-0.047
rs141315299	A	-0.0853
rs147356598	T	0.1149
rs13414400	A	0.0295
rs76648889	A	0.0613
rs76572765	C	0.052
rs75133708	C	0.0497
rs59244579	G	0.0289
rs62188661	A	0.0519
rs116264366	A	0.0447
rs4670536	C	-0.0364
rs114700502	G	-0.0529
rs17039907	A	0.049
rs62118154	T	-0.0551
rs75225945	T	-0.0261
rs218203	C	0.0377
rs7571171	A	0.0333
rs6734627	G	0.0183
rs72864893	C	-0.0514
rs28378381	G	0.017
rs115623760	T	0.1117
rs78436706	A	-0.0454
rs4530296	T	0.0175
rs35041786	C	-0.0407
rs10192683	C	0.0347
rs11693138	A	0.0368
rs72771242	C	0.1145
rs34050034	G	0.0298
rs115321343	C	0.1402
rs7557554	T	-0.0203
rs74577509	T	0.0688
rs114063308	G	0.0527
rs34388729	A	-0.0701
rs1424662	T	0.1127
rs10176635	G	0.0338
rs116421069	A	0.0711
rs6734008	T	-0.0239

rs78629082	C	0.0302
rs78467190	A	0.0884
rs2924796	G	0.0423
rs3732063	G	0.03
rs16865274	T	-0.0265
rs7607740	C	0.0171
rs10181967	C	0.0196
rs11686267	A	0.0463
rs13423088	A	-0.0186
rs72801497	G	-0.0709
rs12611664	C	0.0793
rs1900769	A	0.02
rs10184437	A	-0.0198
rs3821261	C	0.0326
rs77989798	C	-0.0812
rs1283773	G	0.0242
rs73013478	T	0.0306
rs74635032	G	0.0437
rs12052795	G	0.0302
rs6543806	A	0.0326
rs115459692	A	-0.0782
rs116555100	T	0.066
rs12987785	A	0.0939
rs76624346	C	-0.0754
rs114554135	G	-0.0716
rs2053708	C	0.0342
rs138671324	A	0.0951
rs2609945	A	0.0226
rs11674929	T	0.041
rs75362272	G	0.0896
rs4851944	C	-0.0227
rs142437693	A	0.0968
rs55955386	T	0.0706
rs6760182	C	-0.0616
rs144651094	G	0.057
rs16844724	A	-0.0392
rs12621276	A	-0.0192
rs75258431	C	-0.1285
rs13382533	A	0.0501
rs114039047	T	0.0731
rs112551030	T	0.1103
rs34096890	T	0.0171
rs11894671	T	0.0207
rs12999055	T	0.0241
rs74648924	C	-0.0488
rs831372	A	-0.0177
rs149049970	A	-0.1107

rs12613145	G	0.0251
rs3769897	A	-0.0321
rs114021369	G	0.0557
rs12471894	C	0.0199
rs72857009	T	0.0768
rs113201891	T	0.0636
rs17199452	A	0.0477
rs76780618	A	-0.0432
rs111790137	T	-0.0368
rs143785024	C	0.115
rs78599345	A	0.0732
rs72895559	T	0.0933
rs148189208	T	0.102
rs891275	G	0.0173
rs114591063	G	-0.0571
rs11124995	C	0.023
rs74604245	G	-0.1075
rs12713051	A	-0.0292
rs79260196	G	0.046
rs72864080	T	-0.07
rs115037360	T	-0.0693
rs56147664	T	0.0437
rs12471058	G	-0.0724
rs144052040	T	-0.1321
rs12477914	G	0.0252
rs17040523	T	-0.0288
rs283869	A	-0.031
rs820016	C	0.0342
rs114194352	T	-0.1243
rs74708459	C	0.0536
rs79518483	C	0.0517
rs6433018	A	-0.0325
rs33971253	A	-0.104
rs57535438	T	-0.0482
rs116559310	T	-0.0739
rs6757543	C	-0.028
rs7583520	C	0.0192
rs6430004	A	-0.023
rs146968973	A	0.0518
rs73005516	A	0.0872
rs1453594	G	0.0174
rs112969225	T	0.1122
rs12612868	C	0.0181
rs10186734	T	0.0273
rs149932755	C	-0.0992
rs76984383	T	0.1106
rs56282598	G	0.0526

rs16865987	A	-0.0275
rs11893219	G	0.0184
rs74915698	T	0.0887
rs115830012	G	-0.1115
rs1435887	A	-0.0185
rs72981075	C	-0.0365
rs76530310	C	0.127
rs76941740	A	0.085
rs79053104	C	0.1109
rs151100232	A	0.0432
rs115444754	A	-0.1408
rs79825678	C	-0.059
rs62168074	A	-0.072
rs79657718	A	0.0946
rs115526507	C	0.1271
rs142838435	T	0.1136
rs2137733	G	0.0328
rs77347651	A	-0.0535
rs812810	C	-0.0307
rs76353964	A	0.1412
rs6707538	C	-0.0903
rs34738815	G	-0.0339
rs114886527	T	-0.0786
rs72794554	C	-0.0565
rs784553	T	0.022
rs62109386	A	-0.0209
rs9287323	T	-0.017
rs3845727	C	0.0177
rs58927072	T	-0.0392
rs78909033	A	0.033
rs6722031	G	-0.0353
rs79449496	A	0.0785
rs62167560	C	0.0602
rs11890273	C	-0.0291
rs74349633	T	-0.0753
rs73935352	G	0.035
rs138953280	A	0.0717
rs6715333	T	0.0201
rs11126800	G	0.0194
rs7590026	C	-0.0937
rs74405668	A	0.0433
rs2543660	G	-0.0536
rs751456	T	-0.023
rs77990844	C	-0.0778
rs115240729	G	-0.0296
rs1047589	C	0.0331
rs138289375	A	-0.0727

rs116797607	G	-0.2085
rs59044177	C	0.0798
rs10497712	G	0.0784
rs9308912	A	0.0718
rs1990535	A	-0.0341
rs77856899	G	-0.0455
rs142314560	T	0.1768
rs1897940	A	0.0212
rs75750075	T	0.0409
rs869633	T	-0.0223
rs116475690	A	-0.0688
rs903227	T	0.0212
rs4848683	C	-0.0202
rs840872	T	-0.0555
rs13431367	A	-0.0216
rs76365433	G	-0.0825
rs4485539	C	0.0236
rs72804080	G	0.025
rs17009632	C	-0.0725
rs77316079	G	-0.0816
rs62183543	A	-0.0371
rs115108236	A	0.069
rs4668690	A	0.0324
rs35222763	T	-0.0289
rs72839332	G	0.0945
rs116344918	C	0.0805
rs114336965	G	0.0808
rs34456212	T	0.1454
rs17410156	A	0.0469
rs3087731	T	-0.0208
rs78711653	T	0.0926
rs13023050	G	-0.0236
rs148374241	A	-0.0936
rs79679725	G	0.0513
rs113034001	A	-0.0787
rs13389023	C	0.0507
rs11899549	C	0.0347
rs7586340	T	-0.0265
rs11695329	A	-0.0315
rs62136969	C	0.0568
rs75629843	T	0.0713
rs78989991	G	0.0473
rs75973823	T	0.0516
rs147516350	G	0.1189
rs10179303	G	-0.0271
rs13414528	A	-0.0329
rs112621452	T	-0.0619

rs78250854	T	-0.0754
rs11685045	G	0.0651
rs147416917	T	0.0876
rs2190379	C	0.025
rs62192054	T	-0.0464
rs4952734	T	-0.0385
rs114990615	C	0.1608
rs7582426	G	0.0185
rs145485666	T	-0.0742
rs12329039	G	0.0179
rs6704759	T	0.0477
rs148575792	A	-0.0533
rs78018799	G	-0.105
rs12464947	T	0.077
rs75876041	C	-0.0468
rs11690954	T	-0.0214
rs77985135	C	0.0483
rs1427667	C	-0.0261
rs115629945	A	-0.105
rs1370497	G	-0.0242
rs62148994	G	-0.0267
rs72869677	A	0.022
rs149851322	G	0.0674
rs138417724	T	0.0731
rs77387956	T	0.0711
rs79280918	T	-0.0676
rs74589890	C	0.0547
rs7582312	T	-0.0321
rs60544951	A	0.0728
rs72842523	T	-0.0743
rs79847970	A	-0.0392
rs62140117	T	0.1158
rs17025744	C	0.0358
rs34816041	A	0.147
rs11691255	C	0.068
rs896842	C	-0.0219
rs145595328	T	0.0825
rs7593887	T	-0.042
rs4254475	C	-0.019
rs12465821	C	0.0214
rs9309208	G	0.017
rs17446920	C	0.0277
rs13015484	T	-0.1243
rs12994401	T	0.0217
rs6434204	G	0.0368
rs7582064	G	-0.045
rs114305738	T	-0.0868

rs16839725	C	0.0249
rs2592799	C	0.0225
rs908756	A	-0.0164
rs11689313	G	0.02
rs150837537	C	0.0622
rs11893161	A	-0.0189
rs66496255	C	0.0508
rs115452135	T	0.0901
rs851327	C	-0.0618
rs17028322	T	-0.076
rs146993112	T	-0.153
rs79343815	T	0.1252
rs1357769	C	-0.0177
rs59002111	C	0.0205
rs112325268	C	0.0358
rs79510029	G	-0.1346
rs13031504	T	0.075
rs73991514	C	-0.1327
rs116283450	G	-0.1104
rs115832815	T	-0.0988
rs4319952	C	-0.0237
rs4662981	G	0.0172
rs11687134	C	0.0192
rs893359	A	0.033
rs72962484	G	-0.0485
rs116654721	C	0.0708
rs3770783	A	0.0489
rs72841301	C	-0.0443
rs1036404	T	0.022
rs882275	C	-0.0167
rs111478747	G	-0.1453
rs719873	T	0.039
rs55701660	T	-0.0375
rs1864548	C	0.0189
rs1965801	G	0.0174
rs13005619	C	-0.0397
rs11685843	T	-0.0169
rs34286013	C	0.0401
rs147310134	T	0.1365
rs115302515	A	0.0943
rs10170080	G	0.056
rs13025975	T	0.0357
rs150400138	C	0.071
rs139747219	T	-0.0832
rs17026724	C	-0.0276
rs115452662	T	0.1048
rs78997040	G	0.0707

rs111714951	T	0.0926
rs144548186	G	0.1219
rs4588185	A	0.0264
rs711868	A	-0.0178
rs17030337	T	-0.0238
rs57650132	C	-0.0784
rs7572441	C	0.0411
rs17018319	T	0.0225
rs66572984	G	-0.0277
rs2432679	C	-0.0167
rs9798466	C	-0.0459
rs77786254	A	0.044
rs114238932	G	-0.1083
rs908546	C	-0.0175
rs72844789	T	0.0973
rs77820291	A	-0.0633
rs1544846	T	-0.018
rs3927971	C	-0.019
rs74790248	C	-0.02
rs876614	T	-0.0186
rs6731569	C	0.0257
rs35876328	C	0.0314
rs140091351	T	0.1308
rs114378644	G	0.0802
rs112460407	A	-0.082
rs34491830	A	0.0197
rs13021769	C	0.0255
rs6759692	T	-0.0181
rs17010829	G	0.0473
rs17479071	G	-0.0183
rs10169879	T	-0.0188
rs115443079	T	0.0822
rs139173833	A	0.0788
rs13032372	C	0.0443
rs4972600	G	-0.0183
rs10206572	A	-0.0274
rs6746075	A	0.0244
rs6543233	G	0.017
rs72871163	T	0.0485
rs72885781	A	0.0413
rs62200577	C	0.1336
rs78284147	C	0.0421
rs2083415	A	-0.0294
rs77867272	C	-0.0766
rs143610726	T	0.101
rs7573301	T	0.0208
rs55748469	C	-0.0179

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rs62127216	C	-0.1191
rs6739127	G	-0.0947
rs7581133	G	0.017
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rs76242095	C	0.0273
rs4972412	A	-0.0263
rs141588204	C	0.1137
rs6435312	A	-0.0217
rs72841394	A	-0.0221
rs76185508	C	-0.0394
rs308003	G	-0.0204
rs72831322	A	-0.0997
rs62147242	T	0.0658
rs72904907	T	-0.0261
rs10203899	C	-0.0403
rs7605336	C	-0.0307
rs113074337	C	-0.033
rs12618219	A	-0.0168
rs138360241	T	0.1499
rs78842260	G	0.051
rs1349497	C	0.0479
rs3770144	T	0.0322
rs79898688	T	0.0494
rs2920966	T	-0.029
rs10194772	A	-0.0422
rs10207034	A	-0.0379
rs76628704	C	0.0661
rs10170120	T	-0.0443
rs79301979	T	0.0351
rs10929105	T	0.0172
rs4853779	G	-0.0203
rs113789543	T	-0.0475
rs1580058	G	-0.0228
rs62149637	A	-0.0728
rs17014809	C	0.0598
rs61366770	T	0.0561
rs13015747	T	0.083
rs79491256	T	-0.0715
rs7558445	T	-0.026
rs1901464	A	-0.0279
rs78632758	G	0.0564
rs58903916	T	-0.0524
rs74349649	G	-0.0677
rs62154179	T	-0.0402
rs62174566	T	0.0723
rs116258072	A	0.1443

rs10206277	T	0.0423
rs10169278	C	0.0226
rs10192429	C	-0.0382
rs1437337	C	0.0279
rs79230304	T	0.0609
rs114114722	A	0.0824
rs59738902	C	-0.0203
rs56080211	C	-0.0626
rs77721657	C	0.072
rs115093812	A	0.1132
rs114516148	T	-0.1357
rs79718437	A	-0.0868
rs72862738	T	-0.0192
rs79335806	G	-0.0927
rs13410536	A	-0.0371
rs78235482	G	0.0567
rs17363613	A	0.027
rs2860851	C	-0.0919
rs112786626	T	0.0663
rs72851035	G	-0.1034
rs77915004	A	0.0551
rs4672910	T	0.0183
rs114255614	C	-0.1264
rs76043455	C	-0.0538
rs116284193	G	-0.0974
rs62156616	C	-0.0786
rs11688898	T	-0.0516
rs138501564	C	0.0764
rs62133407	A	0.0393
rs116330645	C	-0.064
rs6704697	G	-0.0423
rs62132117	T	0.0213
rs3109156	C	-0.02
rs116627784	T	0.0478
rs116563716	G	0.0342
rs12614872	G	0.0172
rs114078244	C	0.0767
rs57386372	T	0.0337
rs76211985	A	-0.1259
rs79217846	T	0.0949
rs76204553	C	-0.0958
rs28396413	A	0.0792
rs56048271	A	0.0886
rs73945638	C	0.0345
rs147074648	C	-0.0931
rs111454781	T	0.0704
rs147186444	C	-0.0644

rs62187583	G	-0.032
rs79030355	G	-0.0557
rs7594864	A	0.0167
rs139163034	G	-0.0511
rs10201629	A	0.018
rs1822616	G	-0.0167
rs28499034	T	0.0181
rs6704918	T	-0.0219
rs7587269	G	0.0183
rs17028715	A	0.0493
rs76717070	A	0.0346
rs2251692	A	-0.019
rs111918016	G	0.0409
rs1283780	A	-0.0209
rs149551873	T	-0.0838
rs12693085	C	0.02
rs12053345	C	0.0202
rs77990719	C	-0.0729
rs4854545	G	0.0644
rs72832291	C	0.05
rs305682	G	-0.024
rs112987621	A	-0.0492
rs28439229	A	0.0274
rs150877115	T	-0.047
rs62155996	A	0.053
rs77078698	G	0.0717
rs17591276	A	-0.0677
rs74547226	G	-0.0446
rs150272938	T	-0.1185
rs72979684	A	0.0545
rs116436485	T	0.0364
rs79534225	T	0.0513
rs80118023	T	0.0281
rs116392720	C	0.0929
rs11678218	G	0.0184
rs77504589	C	0.074
rs1400866	C	0.0197
rs150828483	T	0.0526
rs79125586	A	0.0695
rs11887214	G	-0.0334
rs11695620	A	-0.0293
rs114694405	C	0.0436
rs1898773	A	-0.0237
rs6760934	C	0.0626
rs7565740	G	0.0187
rs11688237	A	0.0167
rs77945037	G	0.0372

rs57370006	G	0.0794
rs10496557	T	0.0175
rs7562987	G	-0.0189
rs17331933	C	-0.0199
rs114129789	T	0.0369
rs72767199	A	0.0551
rs6712291	C	0.028
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rs62180789	A	-0.0668
rs7578592	T	0.0333
rs72787414	C	-0.0551
rs76297499	A	0.0801
rs62166955	G	-0.0185
rs2056281	G	0.0168
rs143195145	C	-0.0427
rs56324895	G	0.0288
rs79765644	T	0.0385
rs3769611	A	-0.0209
rs77674510	T	-0.1043
rs10198080	A	0.0166
rs113279002	C	0.0203
rs62177466	A	-0.0806
rs7598170	A	-0.1211
rs10197274	G	0.0329
rs73918625	T	-0.0843
rs115847767	T	-0.1163
rs7575740	G	-0.0654
rs56308911	T	-0.0456
rs17715987	T	0.0842
rs2396465	G	-0.0301
rs149908400	G	-0.1
rs16830596	A	0.0351
rs9288711	T	0.0177
rs41383244	G	0.0183
rs79475637	G	-0.0756
rs148530270	A	0.0599
rs79188173	A	0.1148
rs62169778	T	-0.1027
rs115533288	A	-0.0913
rs6705199	G	0.0167
rs114766289	C	-0.0804
rs7561715	A	0.067
rs115282255	A	0.1183
rs11888247	T	-0.02
rs78930443	A	0.0352
rs112313056	G	-0.0714
rs145198352	C	0.0637

rs114260905	T	-0.1264
rs73019411	A	0.1141
rs1365975	T	0.0186
rs10194142	A	0.0303
rs12712518	C	0.029
rs12623447	C	-0.031
rs6710235	T	-0.0262
rs115607263	T	-0.1178
rs114548299	A	0.1523
rs77227574	C	-0.0333
rs115657360	G	0.1619
rs62190593	T	0.0688
rs148787692	T	0.0699
rs820962	T	-0.0762
rs143776691	G	0.1235
rs150178556	T	0.1449
rs6715568	G	0.033
rs11675425	C	-0.0698
rs13032230	T	-0.0219
rs113978672	G	0.1101
rs13023047	T	0.0277
rs113980024	T	0.0552
rs116781632	A	-0.1373
rs78003764	G	0.081
rs62181310	C	-0.0551
rs11679983	A	-0.0221
rs9798303	G	-0.0196
rs73956086	T	0.0387
rs12991732	C	0.0185
rs7596891	T	-0.0394
rs75285567	G	0.0929
rs72895642	A	-0.1076
rs12478253	A	-0.018
rs2693887	T	-0.0291
rs11692083	G	-0.0178
rs10864942	G	0.0251
rs58138741	C	-0.0437
rs75187534	A	-0.1185
rs150741828	T	0.1245
rs2254387	T	0.0367
rs116386607	T	0.1236
rs116445294	T	0.1075
rs13411510	C	-0.0242
rs10153926	A	0.0235
rs72812335	C	-0.0297
rs1561328	A	0.042
rs10204717	T	0.0266

rs137960636	T	0.0813
rs6727210	T	0.0194
rs9309083	A	-0.0515
rs151200531	C	0.0914
rs72852559	G	0.06
rs58134402	T	-0.0243
rs9636338	G	-0.0216
rs58027731	T	0.0639
rs72777258	T	-0.0551
rs150038329	G	-0.077
rs76401013	A	-0.0411
rs77954779	A	-0.0924
rs11888222	T	0.0523
rs35424315	T	0.0447
rs79593449	T	0.0952
rs76063469	G	-0.111
rs10497398	C	0.0292
rs35404949	G	0.037
rs10460412	A	0.0249
rs59605575	G	-0.095
rs4668469	A	0.0244
rs11678193	T	-0.0755
rs11890526	T	-0.0319
rs10209276	C	0.0248
rs11687629	C	0.129
rs342137	C	-0.0181
rs72967101	C	-0.0608
rs1834271	T	0.021
rs9989875	A	0.0487
rs76499710	T	0.092
rs10174898	A	0.035
rs115470159	T	0.0949
rs62177060	A	0.1025
rs13385753	T	0.0355
rs17535450	A	-0.0735
rs28696005	G	0.0264
rs10198370	G	-0.0328
rs4953303	T	-0.0305
rs72905566	G	-0.0436
rs11127091	A	-0.0207
rs148904587	T	0.0761
rs116660528	T	0.111
rs73000049	C	-0.0196
rs77165542	T	0.0975
rs111738935	T	-0.0332
rs115955098	C	-0.0722
rs56026736	G	0.0354

rs2698189	C	-0.0276
rs143875002	C	0.0784
rs73985529	C	-0.1415
rs76141084	A	-0.1615
rs7587317	T	0.0216
rs11890494	A	0.0169
rs141846144	A	-0.0647
rs148610783	T	-0.0766
rs36010570	C	0.0375
rs1261226	T	0.0168
rs1355414	G	0.0172
rs72978885	C	-0.0499
rs7576280	G	-0.021
rs57002188	T	0.0185
rs562786	T	-0.0167
rs116434716	A	-0.04
rs146079506	G	0.1082
rs359241	A	-0.0165
rs5029272	A	0.0231
rs13382194	G	0.0234
rs1025369	C	-0.0212
rs112217276	C	0.0681
rs60941903	G	0.0269
rs719545	G	-0.0287
rs80028351	T	-0.0262
rs11677172	T	-0.0238
rs17496232	C	-0.0241
rs138404306	G	-0.0998
rs115133152	C	0.1146
rs12616969	G	0.0236
rs144459183	C	0.1399
rs113999073	T	0.0638
rs75092921	G	-0.0553
rs55792064	T	-0.1555
rs10167383	C	0.0769
rs146385922	C	0.0972
rs72881804	G	-0.0687
rs56994242	G	-0.0176
rs2116978	T	-0.0461
rs78430062	A	0.1247
rs72931413	C	-0.072
rs111769261	T	0.1094
rs78293417	G	0.0486
rs28588507	T	0.0183
rs13010012	A	-0.0411
rs13010453	A	0.0607
rs7596942	T	0.025

rs80042531	A	0.1213
rs3933621	A	-0.0289
rs79770498	G	0.065
rs10208096	T	0.021
rs13403267	C	0.0777
rs112542230	C	-0.0456
rs80169943	A	-0.0791
rs28519523	G	-0.0433
rs36034714	A	-0.0302
rs73006350	A	-0.124
rs116021398	T	-0.0667
rs80240062	A	0.0369
rs12988482	A	-0.0227
rs6739491	G	-0.1383
rs80220329	C	0.0768
rs115496320	A	0.0767
rs72785893	A	0.0287
rs75090601	A	0.0528
rs113996109	A	-0.0631
rs114128341	A	-0.066
rs116803005	A	-0.0743
rs67664213	T	-0.0198
rs2163453	C	0.0248
rs72839362	C	0.0589
rs11684725	T	-0.0224
rs16841663	A	0.0973
rs115700531	C	-0.1062
rs2100267	G	0.0756
rs62165906	T	0.0269
rs115577728	T	-0.0807
rs2581862	G	-0.0271
rs10173275	C	0.0338
rs10207134	T	0.0171
rs75569007	T	-0.0942
rs61081423	A	0.075
rs150366970	A	-0.0823
rs2710161	A	0.0859
rs144954751	C	0.0821
rs12476094	A	-0.0257
rs12615309	T	0.0221
rs72948081	G	0.0732
rs113549935	A	0.0976
rs4075018	A	-0.0224
rs12619255	G	0.0928
rs1026044	A	-0.0169
rs111967076	T	-0.069
rs138452094	A	-0.0772

rs79651645	G	-0.0286
rs56161233	T	-0.0798
rs11898078	G	0.0187
rs149501012	T	0.0876
rs112614343	C	0.103
rs11688538	T	-0.0205
rs78783187	T	-0.056
rs13390062	C	0.0806
rs116359803	A	-0.1169
rs4233617	T	0.0235
rs2380674	C	0.0177
rs140567652	T	-0.1044
rs113753479	A	0.1572
rs80018307	C	0.0448
rs77222774	G	-0.0702
rs4392253	A	0.0343
rs62105809	G	-0.0207
rs149269918	G	-0.1183
rs114092452	T	0.0506
rs145383023	C	0.1081
rs57795328	C	0.0392
rs779379	A	-0.0247
rs34858703	G	0.0444
rs1440037	T	0.0164
rs62156481	T	0.1367
rs72835690	A	0.0938
rs77816037	C	0.0745
rs77549035	T	0.0442
rs1250232	C	-0.0195
rs79354970	G	-0.0503
rs79731311	G	-0.0616
rs13405209	A	-0.0186
rs11680171	G	-0.0204
rs55860288	T	0.0836
rs76818085	C	-0.0435
rs7589419	C	-0.0369
rs35581933	A	-0.0538
rs55942719	A	0.02
rs72899353	G	0.026
rs35589678	A	0.0489
rs1534349	C	-0.1002
rs79272390	T	-0.0307
rs115812877	C	0.0717
rs77900340	A	-0.1036
rs114307679	T	0.1467
rs16837439	C	0.0428
rs12478077	T	-0.0182

rs78903504	A	-0.0719
rs1946534	G	0.0284
rs56114626	C	-0.0668
rs145991676	A	0.102
rs146993487	A	-0.1175
rs2103286	C	0.052
rs62142680	T	0.047
rs147632902	A	0.0956
rs76190916	C	0.0639
rs28548727	A	0.0963
rs7588195	A	-0.0168
rs59432163	G	0.0512
rs74758299	C	-0.0497
rs146665118	G	0.1281
rs873611	A	-0.0794
rs886812	C	0.1248
rs10520221	C	0.0175
rs79785323	G	-0.1067
rs17798043	T	0.0387
rs13003774	A	-0.0956
rs3862976	A	-0.0245
rs148243876	T	-0.0853
rs76872150	G	-0.0442
rs6747014	C	0.0274
rs75579212	T	-0.0212
rs9309395	T	-0.0242
rs2371438	G	0.0338
rs151198786	G	0.1116
rs2007574	A	-0.0167
rs57825153	C	-0.0185
rs116548758	A	0.0982
rs1990649	G	0.0197
rs721173	C	-0.0628
rs150005136	A	0.1163
rs4672523	G	-0.0171
rs17693414	G	-0.0279
rs4664198	T	-0.0177
rs17480400	G	0.0604
rs150978348	C	-0.1063
rs62124831	T	-0.0359
rs147284830	A	0.1245
rs6724922	T	0.0254
rs77115856	T	0.0714
rs779925	T	-0.0191
rs213551	G	0.0171
rs680564	T	0.0177
rs3792223	T	0.036

rs72826503	A	0.0261
rs62184051	G	-0.0625
rs10169129	C	0.0271
rs792076	T	-0.0184
rs139368583	C	0.0601
rs76139343	A	0.0486
rs113937021	T	-0.059
rs12623444	G	-0.0198
rs77157592	A	0.064
rs111676052	T	0.0745
rs17007740	T	0.0259
rs147748332	A	0.0613
rs12105460	G	-0.0258
rs4972563	T	0.0438
rs17405731	G	0.0648
rs13018396	C	0.051
rs55763212	G	-0.0308
rs56243710	C	0.0208
rs13421966	C	-0.0269
rs6722129	C	0.0221
rs10188643	C	-0.0336
rs72775167	A	0.049
rs115178209	G	0.0458
rs116207456	T	0.0616
rs117207561	A	0.0576
rs56317754	T	-0.1376
rs13421064	G	0.05
rs115951192	G	-0.1194
rs151172954	T	-0.0386
rs72873866	G	-0.0612
rs56084609	A	-0.0484
rs114958488	G	0.0629
rs142560404	A	0.0351
rs78051676	C	0.0473
rs35505604	C	-0.0173
rs6717260	T	0.0519
rs4663308	G	0.0271
rs145323301	G	0.0902
rs771176	A	-0.034
rs4952966	A	-0.0268
rs4671764	A	0.017
rs17187895	G	-0.037
rs10175782	A	0.0174
rs2697743	C	-0.0766
rs116611928	T	0.058
rs61053602	A	0.0375
rs115270434	C	0.1318

rs2376070	T	0.0213
rs57790472	A	0.1013
rs17036504	A	0.0221
rs112517198	T	-0.0726
rs72838587	A	-0.0267
rs72876167	A	0.0871
rs114249312	T	0.1175
rs78905335	G	0.0613
rs139160558	A	0.065
rs2066526	T	0.0996
rs6740015	G	-0.1212
rs78814577	G	0.0347
rs10184889	G	0.0206
rs114403666	G	0.0483
rs72909717	T	-0.0382
rs10206665	T	0.0253
rs2034274	T	-0.0182
rs13036193	G	-0.025
rs80062726	T	0.0498
rs114589771	A	0.0707
rs79258844	T	-0.0497
rs150243597	G	-0.1174
rs4477955	G	0.0201
rs72821555	G	-0.0645
rs2081296	A	0.0282
rs114839988	A	-0.0558
rs148510181	A	0.0665
rs78198970	T	0.0673
rs12473331	T	-0.0295
rs77876490	T	-0.0554
rs79163228	C	0.0711
rs115392325	A	0.0513
rs116272660	A	0.109
rs77121714	A	0.0918
rs10175419	G	-0.0166
rs62149087	C	-0.0212
rs116098507	A	0.0837
rs13020375	A	-0.0166
rs11126998	G	0.0246
rs141187638	A	0.1205
rs922927	T	0.0195
rs12473479	T	0.0926
rs17702245	T	-0.0545
rs72993325	A	0.0433
rs9967903	A	0.0273
rs6716194	T	-0.0228
rs145642308	A	0.0915

rs72785162	C	0.0482
rs80172616	G	0.0186
rs138556537	T	0.0779
rs76791701	C	0.062
rs4675971	A	0.0236
rs2552010	G	0.0163
rs17704088	A	0.0408
rs72845835	A	0.132
rs111648045	T	-0.0792
rs12991426	A	-0.0174
rs6431733	G	0.0253
rs13026905	T	-0.0549
rs7684	G	0.018
rs75554083	T	0.0757
rs1257362	C	-0.0599
rs11676565	T	0.1662
rs115664091	A	0.0777
rs150488642	A	-0.1144
rs116502385	T	-0.052
rs13013488	T	-0.0221
rs1519787	T	0.1105
rs35994273	G	0.0588
rs34669828	T	0.0386
rs35752423	T	0.0306
rs4297877	A	0.0172
rs6708366	C	-0.1209
rs114907179	A	-0.0738
rs56212956	G	-0.0325
rs11695313	A	-0.0216
rs55879811	C	0.052
rs114154960	C	0.0566
rs4280509	C	-0.0302
rs114974979	T	-0.0551
rs76477272	G	-0.0371
rs60417954	G	0.0284
rs10167951	T	0.0508
rs7595292	G	0.0193
rs62178611	G	0.0892
rs3769118	G	-0.0235
rs2043453	A	-0.0284
rs144367036	A	0.106
rs114266154	G	0.0749
rs114564448	G	0.06
rs150989430	G	-0.0672
rs16825450	G	0.0281
rs138990410	G	0.138
rs148533468	A	0.0714

rs11571300	G	-0.0246
rs143903315	A	0.063
rs2013250	C	0.022
rs74384734	C	0.099
rs722559	G	-0.0342
rs6736805	A	0.0249
rs72886699	G	0.0804
rs62142763	C	-0.036
rs7582030	A	0.0251
rs77173884	T	-0.1017
rs10206503	A	0.016
rs115931810	A	0.027
rs116681266	A	-0.0805
rs147331343	A	-0.0793
rs56384121	T	0.019
rs111736174	A	0.0635
rs7592084	A	0.0925
rs7572930	G	-0.0393
rs72911358	C	-0.0317
rs16849118	T	-0.0252
rs1447547	T	0.0845
rs115818124	G	-0.1147
rs77278000	T	-0.0792
rs3108794	C	-0.0293
rs148746268	G	0.0739
rs181680	T	-0.0169
rs80044367	G	-0.1289
rs6738001	A	0.0181
rs11900388	A	0.0166
rs112581290	G	0.0743
rs13422546	T	-0.0818
rs75844594	T	-0.0608
rs75529430	C	0.0888
rs17030689	C	-0.017
rs74581471	T	-0.0705
rs148318506	T	0.0925
rs76781244	G	0.081
rs17013129	C	0.0278
rs116625721	C	-0.0674
rs115233901	C	0.0744
rs138144113	G	-0.1044
rs7419450	A	0.0212
rs62131768	C	0.034
rs35112988	T	-0.0633
rs115772674	G	-0.1102
rs609682	T	-0.0167
rs10202050	C	0.0242

rs56131922	G	-0.0877
rs10178716	C	0.0176
rs16982946	C	0.0351
rs35881616	T	0.0381
rs55828728	G	-0.0199
rs74510093	T	-0.0314
rs17313318	T	0.0804
rs142209274	C	0.0544
rs1349884	A	0.0518
rs6711594	A	-0.0173
rs3769442	T	-0.0505
rs115050764	C	0.068
rs1446554	G	-0.0231
rs138163371	T	-0.1144
rs1969376	G	-0.0265
rs72803864	A	0.0532
rs115630475	T	0.085
rs11690450	C	-0.0918
rs2710501	C	-0.0167
rs1261364	T	-0.0165
rs62158559	G	-0.1203
rs17683574	G	-0.0222
rs2682865	G	0.0293
rs77480047	T	0.0779
rs13019811	T	0.0169
rs140352918	G	0.1289
rs80042330	G	-0.1151
rs78375983	A	-0.0553
rs140865187	A	0.0785
rs7607358	C	0.0182
rs59660078	A	-0.0173
rs72933255	T	-0.0314
rs115804757	T	-0.0564
rs13033787	C	-0.0166
rs11885153	G	0.0302
rs17703620	C	-0.0865
rs72764904	C	0.0203
rs62124612	C	-0.0164
rs11676528	T	0.0255
rs4848510	A	-0.0159
rs16832040	C	0.0226
rs111715478	A	-0.1115
rs114726334	C	0.0686
rs138668920	C	0.1159
rs146948660	A	0.129
rs115336604	G	-0.0787
rs115344241	T	-0.0733

rs76745677	C	0.0655
rs2882276	G	-0.0286
rs147941839	A	-0.0593
rs75251291	A	0.1492
rs1729084	A	0.0196
rs62145167	C	-0.0189
rs71413612	T	-0.044
rs6736532	C	-0.0181
rs10191697	G	-0.0183
rs61029882	T	0.0421
rs114938350	A	-0.0876
rs12464290	T	0.0717
rs13424231	A	-0.0675
rs141579127	C	0.0792
rs56329707	T	0.1558
rs59711647	G	0.03
rs77217059	A	-0.0225
rs12477412	G	-0.0186
rs11682412	C	0.0181
rs113783663	T	0.0568
rs113669190	A	-0.061
rs79323701	A	-0.0859
rs149555449	T	0.0652
rs79048654	A	0.0983
rs76427130	C	-0.0593
rs76615648	A	0.0248
rs10176243	A	0.0304
rs7601943	C	-0.0236
rs140922354	A	0.124
rs35761487	C	-0.0245
rs114729480	A	-0.1102
rs16830261	G	-0.0992
rs7576251	G	-0.034
rs112791380	C	0.0383
rs114364156	C	-0.1144
rs1484687	A	-0.0179
rs72835977	A	-0.0215
rs62168895	T	0.0484
rs16826599	A	-0.0285
rs6543324	A	0.018
rs2287619	C	0.0303
rs13032794	G	0.0367
rs13392269	G	-0.0241
rs112546052	C	-0.0594
rs6740354	G	0.02
rs62185309	T	0.089
rs13014174	C	-0.0286

rs77234141	C	-0.0653
rs114964940	T	0.0936
rs62164660	A	0.1004
rs78125482	C	0.0665
rs62184485	C	-0.1131
rs17320193	T	-0.0994
rs55716572	A	0.0814
rs2164720	G	0.0214
rs11125066	T	-0.0187
rs141661922	G	0.075
rs141808720	C	0.1423
rs2888507	G	-0.0212
rs114275999	A	0.1207
rs141620754	A	0.0792
rs59752552	C	0.0691
rs6713072	T	0.0166
rs12478622	A	0.0271
rs11127359	T	0.0272
rs11889265	T	-0.0581
rs7581378	G	-0.0657
rs62156283	T	0.1105
rs72933190	A	-0.0828
rs7598134	G	-0.0166
rs78806356	A	0.0766
rs80212734	A	-0.056
rs479909	A	0.0252
rs75558818	T	0.0295
rs55846912	A	-0.0317
rs79110505	C	0.0566
rs6736297	T	-0.1381
rs73051837	A	0.0381
rs67654583	C	-0.0223
rs147988230	C	0.0572
rs57946708	C	0.0412
rs709273	T	0.0198
rs11680770	T	-0.088
rs28503620	A	0.0252
rs56121394	T	0.0192
rs72834658	T	-0.0175
rs146202351	G	0.0564
rs67844640	G	0.0606
rs77592957	C	-0.0369
rs111719264	T	0.0974
rs114167601	C	0.0637
rs13016472	T	-0.017
rs289933	A	-0.0167
rs1400819	A	0.0306

rs2679180	C	0.0174
rs6759392	A	-0.0164
rs4673287	G	-0.017
rs10199419	G	0.0192
rs1107849	T	-0.022
rs113453443	C	-0.054
rs879861	A	0.0672
rs6718666	T	-0.0182
rs149544129	T	-0.1044
rs113785172	A	-0.0181
rs112252195	T	0.0557
rs150887499	C	0.0674
rs143454607	T	-0.0997
rs34230008	C	-0.1288
rs116198816	C	-0.0336
rs62145949	A	-0.0881
rs75594689	T	-0.0478
rs77775547	C	-0.0957
rs56699826	T	0.0258
rs1517007	G	-0.0169
rs6546180	C	0.017
rs141860312	A	-0.1196
rs4850382	T	-0.0215
rs12993885	G	0.0412
rs34976441	A	0.0768
rs114833245	T	-0.079
rs139986265	G	0.1105
rs140242638	A	0.0974
rs12993855	T	-0.0262
rs115246881	A	0.0496
rs1320340	G	0.0585
rs60567606	G	0.034
rs6712816	G	-0.0698
rs72835446	T	-0.0457
rs74991697	A	-0.1046
rs76739627	A	-0.0525
rs114879758	A	-0.0586
rs1008835	G	0.0248
rs77283376	T	0.0333
rs6741535	T	-0.0398
rs138239305	G	0.1237
rs13028201	A	0.0183
rs72779532	A	-0.0664
rs342101	C	-0.0239
rs34693277	G	-0.0193
rs1877189	A	-0.1008
rs13027838	T	-0.0217

rs12987022	T	0.0164
rs13429710	T	0.0382
rs1035100	C	-0.0288
rs141804708	A	0.0943
rs143135402	C	0.0836
rs10164831	A	0.0332
rs74995919	G	0.0473
rs11903143	G	0.0179
rs72800215	A	-0.0629
rs17535596	G	-0.0478
rs12989211	A	0.1044
rs77108750	T	0.0732
rs2679833	C	-0.0475
rs12479247	T	-0.0302
rs16865649	T	0.0389
rs2422113	G	0.0451
rs6713974	G	0.0174
rs6437145	C	0.0376
rs116975860	A	0.0772
rs72993796	C	0.029
rs113812189	A	0.1063
rs72855562	C	-0.0702
rs12471646	G	0.0164
rs79816368	G	-0.0352
rs2195072	C	0.0173
rs17534724	A	0.078
rs67638275	T	0.0366
rs112882421	A	0.0865
rs4675854	G	0.0308
rs76866386	C	0.032
rs746776	A	0.0247
rs6760073	C	0.0416
rs78555567	A	0.0369
rs9749801	G	0.017
rs72770599	C	-0.0391
rs73220131	G	0.0678
rs72933750	C	0.0526
rs2167534	A	-0.0225
rs62157787	G	0.0597
rs77027514	C	0.0923
rs72948225	C	-0.1501
rs11678849	A	0.0212
rs111896978	T	0.0245
rs113008956	T	0.099
rs112058555	T	0.0608
rs62132793	G	0.0519
rs6751256	C	0.0315

rs736096	C	0.0177
rs4853401	A	0.0171
rs80048379	A	0.0429
rs2234675	T	-0.046
rs2109820	G	-0.0239
rs7566988	G	0.0173
rs6531084	G	0.0291
rs79587161	C	0.0976
rs77863845	A	-0.0656
rs76917316	G	0.0483
rs143115032	A	0.1512
rs112057345	A	0.0442
rs6753091	A	0.02
rs6746098	G	0.0207
rs3893079	G	0.0369
rs76198282	A	0.0753
rs115323792	A	0.1044
rs17586186	A	0.0575
rs75894859	G	-0.0389
rs139163929	A	-0.0822
rs147712762	C	0.1207
rs72832112	A	0.0522
rs9789420	T	-0.0165
rs116761234	T	0.0741
rs148016691	A	-0.085
rs112382383	G	0.0648
rs11124907	T	0.0267
rs62164526	A	0.0619
rs2199886	G	-0.0515
rs4848175	T	-0.0548
rs144673206	T	0.1102
rs2348094	A	0.0231
rs145197658	A	-0.094
rs34379959	C	-0.0387
rs700859	A	-0.0782
rs13017259	T	0.0227
rs139231177	G	0.0705
rs114981537	C	0.1137
rs62175457	T	-0.0415
rs1914259	G	0.0171
rs147534394	C	-0.0986
rs335136	C	-0.0235
rs10164847	A	-0.0272
rs10180067	T	-0.0525
rs74650819	A	-0.051
rs4666184	A	-0.017
rs114215383	C	0.0848

rs13021727	C	-0.0347
rs115601493	T	-0.0818
rs75770873	C	-0.0912
rs80103591	A	0.1054
rs114724940	T	-0.1061
rs12611441	A	-0.0257
rs143647955	A	0.1263
rs62165240	A	0.0369
rs10185027	A	-0.0159
rs16841750	G	-0.0663
rs72816652	T	-0.0577
rs16823014	A	0.036
rs9309423	G	0.0177
rs2562834	C	0.0216
rs12472309	T	-0.0731
rs2060041	C	-0.0177
rs4676406	G	-0.0178
rs16987112	G	0.0311
rs1877908	G	-0.0158
rs3181213	T	0.0308
rs116590637	A	-0.0675
rs79241028	G	0.042
rs17817559	G	0.0218
rs56193318	A	0.1027
rs116837092	C	0.0854
rs17243975	G	0.0346
rs34529492	G	0.0199
rs150363479	C	-0.0594
rs138797186	G	0.0556
rs13023497	C	-0.0195
rs114015194	C	-0.0636
rs72621552	A	0.0662
rs80255003	T	0.0814
rs10208405	A	-0.0188
rs79867154	C	0.0815
rs13387991	G	0.056
rs1173175	T	-0.0216
rs56026079	A	-0.0181
rs114485796	G	-0.0657
rs78568131	G	-0.102
rs111699481	T	-0.1334
rs72847328	G	0.0608
rs110522	C	-0.0207
rs6709622	G	-0.0171
rs11904702	T	0.0211
rs2881878	C	0.069
rs10170852	G	-0.0406

rs140981178	C	0.0711
rs149388918	A	0.0992
rs76958562	A	0.054
rs6708982	A	-0.0647
rs11674430	C	0.0193
rs148867344	T	0.051
rs34151019	T	-0.0285
rs6760258	T	0.0451
rs141805263	G	0.0723
rs11681847	G	0.0208
rs112134695	G	0.0831
rs72829507	A	-0.0878
rs72817090	T	0.0592
rs115695160	A	0.0882
rs59953882	G	0.0189
rs1686475	G	-0.0223
rs115839356	A	0.0824
rs75859075	T	0.0334
rs112211517	T	0.0271
rs114165112	G	0.0786
rs13413530	G	-0.0224
rs1868024	C	-0.0202
rs80079689	C	-0.0578
rs150077291	G	-0.0801
rs72921148	G	0.0267
rs115669327	T	-0.1233
rs77203067	T	-0.0853
rs62143881	A	0.0923
rs35812538	T	-0.0194
rs111685059	A	0.1366
rs114224796	T	0.0893
rs17014022	T	-0.0783
rs3792195	G	-0.0241
rs11690793	A	-0.0173
rs11688084	G	-0.0566
rs2881047	G	-0.0345
rs2600663	G	0.0159
rs147834742	A	0.1116
rs10496465	G	-0.0219
rs142072272	T	-0.1111
rs115389311	T	0.0794
rs11690746	C	-0.0304
rs77699096	T	0.1091
rs34961552	G	-0.0582
rs6753881	G	0.0278
rs17686549	G	-0.0189
rs17186256	T	0.0188

rs72878439	T	0.1054
rs78914419	G	0.0334
rs17703039	G	0.0905
rs147978504	A	-0.0708
rs143786942	C	0.1149
rs77484248	T	-0.0975
rs116169130	A	0.0777
rs4670788	T	0.0371
rs73924601	T	0.044
rs829953	T	0.0571
rs75391293	G	0.0559
rs113096986	A	0.1122
rs11123168	T	-0.0193
rs155613	C	-0.0444
rs12053164	G	-0.024
rs115469485	G	-0.0552
rs149066214	A	0.064
rs57887593	C	0.0305
rs34645708	A	0.0805
rs13020930	A	-0.0215
rs4372900	C	0.022
rs955414	C	0.0336
rs78102676	G	0.0689
rs76394402	C	0.1038
rs116072963	T	-0.0806
rs75254704	T	0.081
rs34084428	T	-0.0578
rs115887834	G	0.0778
rs1035671	T	0.0334
rs116051828	A	0.0605
rs11897407	A	0.0338
rs874594	C	0.0221
rs28577916	A	0.0212
rs76984568	T	0.0285
rs72781621	A	0.0904
rs115208774	T	0.073
rs72895512	G	-0.047
rs669749	G	-0.0468
rs76379517	T	-0.0849
rs17050128	T	0.0463
rs3821224	G	-0.0164
rs17009204	A	-0.0554
rs10193137	T	0.0164
rs138392697	T	0.0257
rs79813315	A	-0.0271
rs77798223	G	-0.0359
rs77297268	C	-0.0347

rs138927239	C	-0.0932
rs6753378	G	-0.0162
rs71420698	A	-0.1118
rs116435353	T	-0.0558
rs79175580	G	-0.0209
rs116780676	T	0.0576
rs144655564	A	0.1224
rs4663609	T	0.0183
rs55682394	C	0.0187
rs6712358	C	0.037
rs375807	G	0.0291
rs62277809	A	0.032
rs6754030	C	-0.019
rs116710415	G	0.0786
rs17490770	A	-0.0347
rs16828294	C	-0.052
rs112379020	C	-0.0541
rs75129798	T	-0.0345
rs13015195	C	0.0304
rs1145069	T	-0.0421
rs891502	C	0.0261
rs72779551	T	-0.0262
rs67863733	A	0.0529
rs17014960	G	0.0844
rs150628830	G	0.1314
rs13388988	G	-0.02
rs4973512	A	-0.0366
rs141976901	T	-0.1071
rs2683815	T	-0.0266
rs851320	G	-0.0185
rs62137605	G	-0.0973
rs6711037	G	-0.0193
rs17026994	T	0.0546
rs72822518	A	0.0544
rs11124068	T	0.0255
rs7421254	A	-0.0159
rs138506205	A	-0.0932
rs16858164	G	-0.065
rs74938873	T	0.0677
rs76622265	T	0.0678
rs4672662	T	-0.0457
rs62193802	C	-0.0511
rs7355380	T	-0.0241
rs79548417	C	0.0296
rs78183251	A	-0.1004
rs6747728	G	0.0192
rs866995	G	0.0197

rs115409144	A	-0.0642
rs35749198	C	0.0895
rs115342053	C	-0.0897
rs4337503	T	0.0211
rs62182434	A	-0.0931
rs1551838	T	-0.0163
rs16839837	T	0.0317
rs147691555	T	0.089
rs7586298	T	-0.0199
rs111751080	G	-0.0985
rs17199893	G	0.0976
rs16794	G	0.0196
rs74681955	G	-0.0472
rs2116436	G	0.0159
rs2576742	T	-0.0182
rs143243305	A	0.0559
rs144973556	G	-0.0462
rs2125925	A	0.0158
rs114616387	T	-0.1024
rs34059016	A	-0.0462
rs3791297	A	0.034
rs79285735	G	0.0273
rs17349602	A	0.0687
rs112089824	A	-0.0424
rs35599654	A	0.0202
rs142146280	G	-0.0612
rs4331484	A	0.0184
rs28551035	G	0.0487
rs1615827	C	-0.0165
rs10204810	G	0.0211
rs10175054	C	-0.0174
rs4549036	T	-0.0453
rs149176123	C	0.1273
rs2110740	C	0.0172
rs422702	C	0.0437
rs59043440	T	-0.1118
rs61619102	G	-0.0206
rs1739555	C	0.0478
rs115954472	T	0.0754
rs17752904	G	0.0344
rs112851823	G	-0.0957
rs3101043	T	-0.0173
rs56204139	C	0.0746
rs78180997	T	-0.1386
rs11676303	C	0.0173
rs7560379	G	0.0452
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rs142857402	T	-0.0847
rs1825430	G	-0.063
rs17729194	A	-0.138
rs76913840	A	0.0323
rs6757304	T	0.0169
rs6710481	C	-0.0292
rs114719776	T	0.1204
rs77186080	G	0.1383
rs1896826	G	-0.0164
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rs2471403	G	0.0153
rs55991763	C	0.0236
rs11900892	A	0.0368
rs2204204	C	-0.0188
rs6724542	C	0.0226
rs114097040	G	-0.0944
rs1815998	T	0.0482
rs72978910	C	-0.0393
rs1995496	A	0.018
rs2197078	G	-0.0157
rs28529023	C	-0.0333
rs141911268	T	-0.0913
rs6709104	A	-0.0179
rs4390791	G	0.0181
rs146102356	T	0.0598
rs12691642	G	0.0157
rs115566746	A	-0.1045
rs114650778	G	0.0549
rs61605988	C	-0.0671
rs16864598	T	0.0597
rs148966068	A	-0.0937
rs1862981	T	-0.0158
rs77771533	A	-0.1185
rs6753302	C	0.0355
rs76685595	T	0.0748
rs1463990	G	-0.0187
rs35521319	T	0.0196
rs426128	C	0.0159
rs115816134	A	0.1055
rs4849999	T	0.03
rs1105751	C	-0.045
rs13427205	A	0.0225
rs6712934	C	0.0163
rs143210754	T	-0.0534
rs35437121	T	0.0402
rs67082009	A	0.0218
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rs77810098	A	-0.0363
rs150874273	T	-0.0788
rs2192941	T	0.0249
rs140406176	T	0.1032
rs3102948	C	-0.021
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rs11885052	A	-0.0175
rs75505519	A	0.0534
rs6741049	T	0.0173
rs116090981	G	0.0932
rs149282521	A	0.0534
rs11679070	T	-0.0437
rs62184409	A	0.0419
rs56331748	A	0.0233
rs2087172	C	-0.0186
rs35890916	A	0.0275
rs4558548	C	-0.0174
rs72611930	C	0.0305
rs147147061	G	-0.1146
rs13023611	A	-0.07
rs17027464	A	-0.0306
rs72847333	C	0.0294
rs713397	G	0.0241
rs76433480	C	-0.0334
rs76302776	C	0.0236
rs141987304	T	-0.0678
rs114625002	A	-0.0934
rs6723790	C	-0.0173
rs6708842	G	0.0254
rs987320	C	-0.0373
rs140199701	C	-0.0741
rs72836111	C	-0.0551
rs114148903	A	-0.0649
rs4325692	A	-0.0312
rs2373224	C	0.0188
rs71446081	G	-0.0571
rs4328661	C	-0.022
rs148038430	A	-0.1136
rs4672251	A	-0.0169
rs10205836	A	0.0343
rs34759639	C	0.0787
rs55637672	T	0.0536
rs2264234	T	0.0724
rs617005	C	0.0728
rs2971834	G	-0.0161
rs79410067	T	0.0868
rs77897962	G	-0.0361

rs4849103	A	0.1192
rs72901987	C	-0.0845
rs78711641	C	-0.0563
rs6753682	T	-0.0636
rs12464046	A	-0.0534
rs35199127	A	-0.0638
rs1358421	A	-0.0179
rs111299588	A	0.0326
rs72833001	T	-0.044
rs262278	G	-0.0177
rs55674327	T	-0.0267
rs11680923	G	0.0342
rs74618834	T	0.1095
rs35882341	T	-0.0462
rs13405257	T	-0.0356
rs6709236	A	0.0371
rs62165919	A	0.0256
rs139093225	T	-0.059
rs7583326	T	-0.0172
rs1112113	G	-0.0482
rs78272924	C	-0.0401
rs62145430	T	0.0213
rs114158285	T	0.0917
rs2059420	A	0.1096
rs41268649	T	0.0433
rs11691693	A	0.0209
rs13429334	T	-0.0246
rs4258805	T	0.0322
rs2595169	A	0.0246
rs116780452	G	0.0609
rs2028405	G	0.0251
rs77050888	T	0.079
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rs36112213	G	0.0979
rs76042679	G	0.0813
rs143258681	T	-0.1254
rs139753397	G	0.0569
rs143825529	A	-0.0769
rs10203842	G	0.085
rs7605095	G	0.0266
rs4972941	A	0.0235
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rs139562447	G	0.0648
rs112959636	A	-0.0982
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rs4674579	T	-0.0211
rs1447562	T	-0.0239

rs6546535	T	0.018
rs7575040	G	-0.0727
rs76508757	G	0.0614
rs13410002	G	-0.0686
rs1629655	G	-0.0258
rs809538	G	0.0313
rs74639782	T	-0.0321
rs80355192	A	-0.112
rs72638286	G	-0.106
rs17846971	T	-0.0547
rs141645791	T	-0.073
rs1992902	G	-0.0267
rs7592591	C	0.0205
rs79455276	T	0.0909
rs7585179	A	-0.0283
rs77571598	A	-0.0855
rs149241255	G	0.1075
rs114859965	A	-0.0616
rs114694922	C	0.0503
rs116091104	C	-0.0618
rs6714675	T	0.0219
rs77413154	G	0.0718
rs72951983	T	0.0862
rs139037225	A	0.0998
rs138449147	G	0.0621
rs13400033	T	-0.0402
rs1868022	A	0.0271
rs61712770	T	-0.0321
rs151046388	A	-0.068
rs727327	T	0.0185
rs115953836	G	0.0862
rs72631569	G	-0.066
rs116521223	T	0.0575
rs115995068	A	0.0794
rs4458167	A	-0.0159
rs74889651	C	-0.1059
rs139890152	T	0.0933
rs139022746	G	0.0807
rs72844718	A	-0.0834
rs74539420	A	0.1012
rs151015912	T	0.0624
rs62153161	T	0.077
rs71428585	T	-0.0763
rs75176694	A	-0.0561
rs140372015	G	-0.0953
rs116496030	T	-0.0916
rs12993395	G	0.0177

rs115464068	A	-0.0516
rs78370222	A	0.1182
rs6707976	A	0.0706
rs2011559	G	0.0215
rs149327539	A	-0.1081
rs4669802	A	0.0175
rs17009143	G	0.0284
rs114720639	T	0.0439
rs2966379	C	-0.0193
rs56197037	C	0.0279
rs4386286	A	-0.0212
rs62174263	C	0.0451
rs55846340	A	-0.017
rs12477385	T	0.0187
rs80179742	C	0.0383
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rs11893991	A	-0.0165
rs78057555	A	0.0574
rs4907304	T	0.0193
rs72847897	G	0.0475
rs7561224	G	-0.0199
rs145888255	A	0.0878
rs10192046	T	-0.0667
rs17764121	C	0.0475
rs12993602	T	0.134
rs2241134	T	0.0751
rs115947028	G	0.0737
rs116266883	G	-0.1144
rs140886561	T	-0.0385
rs72783713	C	0.053
rs16840578	C	-0.034
rs114568333	T	0.0479
rs115198554	G	-0.0738
rs150750442	T	0.1076
rs4671852	G	-0.017
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rs79981595	C	-0.1157
rs74970907	A	0.0486
rs2083103	A	-0.0399
rs17710829	C	0.0476
rs76402238	A	-0.083
rs78271145	A	0.1009
rs80332201	G	-0.0415
rs6431234	C	-0.037
rs60026782	A	0.0234
rs72910161	A	-0.0431
rs6739494	C	-0.0154

rs35964210	A	0.069
rs1561516	C	0.0217
rs142891989	G	0.129
rs10166254	G	0.0154
rs4530357	C	-0.0162
rs4832469	A	-0.0231
rs12995458	C	-0.0691
rs148359689	G	0.1225
rs72947754	T	0.0706
rs1446925	T	0.1378
rs10179555	A	0.04
rs113230662	A	0.04
rs36111269	G	0.0219
rs76276203	T	0.0466
rs881922	A	-0.0178
rs111240328	T	-0.1392
rs78029512	C	-0.0751
rs7578528	T	-0.0436
rs17365432	G	0.0175
rs114800861	A	-0.0823
rs11888704	T	0.048
rs115229923	C	-0.0978
rs116381290	C	0.1221
rs75243596	T	-0.0552
rs76873063	A	-0.0712
rs6754924	T	0.0152
rs16866746	G	-0.0555
rs74987308	T	-0.0488
rs112605502	T	-0.0699
rs2528624	C	0.0216
rs149326209	A	0.0731
rs114953486	T	0.0894
rs4149506	G	0.0637
rs7591129	T	0.0434
rs115154050	A	0.0637
rs4973677	A	0.096
rs77774334	G	-0.0614
rs77724191	T	0.1252
rs76114856	T	-0.0513
rs78093095	A	0.0371
rs71418752	T	-0.0487
rs7600644	T	0.0565
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rs16835810	C	0.0392
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rs77723303	A	-0.0338

rs150522933	G	0.1178
rs1011221	C	-0.0203
rs17346504	T	-0.0285
rs10221718	A	0.0169
rs78427088	A	-0.1022
rs1250223	T	0.0225
rs10932669	T	0.023
rs113849934	A	0.0477
rs61419309	T	-0.0292
rs74517425	C	-0.0487
rs12992833	G	-0.0777
rs17010436	C	-0.038
rs144104066	T	-0.0737
rs72889272	A	-0.1117
rs80164076	A	-0.1221
rs79616804	T	-0.0603
rs2044645	T	0.0528
rs17403205	G	0.0801
rs79749124	C	-0.0391
rs4234032	C	0.0172
rs12710674	T	-0.0328
rs62129522	T	0.0405
rs2457659	A	-0.0229
rs114577616	C	-0.0457
rs4668271	C	0.0195
rs113562394	G	0.0681
rs62178847	A	-0.0617
rs145582277	A	0.084
rs9711675	A	0.0156
rs56083959	T	0.064
rs115662282	C	-0.0981
rs55696118	T	0.0476
rs7588567	C	-0.0256
rs79182818	A	0.0691
rs62161861	A	-0.0203
rs75747757	C	0.0257
rs1522896	T	0.0177
rs72899655	T	0.0432
rs55891312	A	-0.0493
rs6730397	A	-0.0475
rs6733260	G	0.0345
rs10197694	T	-0.0155
rs7586412	T	0.0172
rs77684348	G	0.0852
rs113358131	T	-0.0465
rs2287135	C	-0.0203
rs56130427	A	-0.0318

rs17775134	A	-0.0175
rs116495042	T	-0.1368
rs78908445	C	-0.0405
rs4854350	A	-0.0164
rs62160576	T	-0.0229
rs28685161	T	0.0186
rs114524133	A	0.1229
rs74772048	C	0.0802
rs287305	G	-0.0174
rs1448193	T	0.0218
rs142597754	C	0.0962
rs11690756	T	-0.0513
rs116659710	G	0.107
rs6436018	A	-0.0425
rs12476880	G	-0.0172
rs6732639	C	0.0311
rs7583550	G	-0.0251
rs2541999	T	0.0158
rs112676728	T	0.0414
rs2365207	A	0.0311
rs147888096	C	0.0497
rs115448318	G	0.0926
rs57971073	T	-0.0527
rs55786137	G	-0.0201
rs72769634	A	-0.1088
rs1517026	C	0.0156
rs11695927	G	0.0248
rs78774123	G	-0.0355
rs142005574	G	-0.0803
rs13395092	C	0.0543
rs73960916	C	0.0796
rs62176515	A	-0.0166
rs78332132	A	-0.0601
rs72617009	A	0.0242
rs72860358	C	-0.0595
rs115265723	G	-0.0654
rs138619274	G	-0.0681
rs13018474	A	-0.0519
rs72808853	T	0.0285
rs145853876	A	-0.083
rs12988787	G	-0.0163
rs6744396	T	0.0186
rs77964329	A	-0.149
rs1901905	C	-0.0579
rs62127490	G	0.0396
rs1863146	G	0.0153
rs78220722	A	0.0522

rs13005939	T	-0.0212
rs114072954	T	0.066
rs17413812	C	0.0595
rs9288531	C	0.0761
rs72776443	T	-0.053
rs72893852	G	0.1051
rs72827303	A	-0.0515
rs73003626	T	0.0289
rs4459688	A	-0.0216
rs34787802	G	-0.0332
rs112325614	A	-0.0423
rs114531894	C	0.0794
rs62138449	A	0.021
rs9679402	C	0.0157
rs17585471	T	0.0186
rs79029350	C	-0.0532
rs10191741	A	-0.101
rs62192317	T	0.1133
rs214040	C	-0.0176
rs139851206	C	0.0664
rs72894233	G	0.0409
rs115384524	C	-0.1019
rs1594399	C	0.0158
rs66805082	G	-0.0565
rs17715426	A	-0.0253
rs10173791	C	0.0397
rs76206055	A	0.0646
rs12990417	A	-0.0207
rs79102875	C	0.0616
rs116113646	A	-0.065
rs6708587	T	-0.0252
rs79533304	C	0.0524
rs150982663	T	-0.0692
rs149228495	T	-0.1842
rs28690266	T	-0.019
rs141646433	G	0.088
rs1371551	T	-0.0173
rs73005174	A	0.071
rs11678427	A	-0.0291
rs12712960	G	0.0196
rs17618119	A	-0.0214
rs11680582	T	0.0203
rs146335121	G	0.1132
rs144399071	A	0.1044
rs72812449	G	0.0681
rs17026339	G	-0.0223
rs6546072	A	-0.0163

rs62161465	T	0.0619
rs10210468	C	0.0163
rs148938091	T	0.0926
rs974694	G	-0.0173
rs112046031	G	0.0352
rs72932552	T	-0.0522
rs146330614	C	-0.0783
rs7604487	G	0.0169
rs72809864	C	0.0442
rs76272480	T	-0.0587
rs56237297	T	-0.0391
rs2595199	T	-0.0311
rs1607639	A	0.0169
rs72827243	G	0.0478
rs6755004	A	-0.0182
rs75210644	G	-0.0675
rs4611605	T	-0.0195
rs13406739	A	-0.0309
rs72936907	A	0.0742
rs80062637	T	-0.0489
rs11900351	A	0.1004
rs115116987	T	0.0555
rs73960213	A	0.0756
rs13031139	A	-0.0307
rs60580226	G	0.0717
rs149381797	T	0.0829
rs10184742	A	0.0261
rs13415131	A	0.0717
rs11685214	A	-0.0225
rs10496176	C	0.0212
rs72820275	A	0.0934
rs2166524	G	-0.0381
rs62195000	C	-0.0225
rs111358402	C	-0.0613
rs11563199	T	-0.0207
rs77442798	G	0.0627
rs7597992	G	0.0212
rs17831311	A	0.0922
rs112360708	A	-0.024
rs2711304	T	-0.1095
rs6723080	T	0.0207
rs113310242	C	0.097
rs4849908	T	0.0188
rs62190577	A	-0.1389
rs116327131	G	0.0746
rs6758313	T	0.0194
rs72773952	C	0.0451

rs114233317	G	-0.0338
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rs6723988	C	-0.0156
rs17415586	A	0.058
rs77431001	A	0.0806
rs113006258	C	0.0829
rs34380107	A	-0.0593
rs3771229	C	-0.0162
rs78158108	C	0.0514
rs934374	A	-0.0413
rs17571374	C	0.0176
rs111990681	T	-0.1071
rs72621683	A	-0.0198
rs6746605	T	0.0403
rs35497509	G	0.029
rs75171459	C	0.0856
rs74376971	T	0.0713
rs12987873	T	0.1142
rs12464913	G	0.0401
rs59663338	A	0.0555
rs141790703	G	0.0768
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rs10928913	A	0.0187
rs1369542	A	-0.015
rs144131734	A	-0.0725
rs62170448	G	-0.0195
rs57628258	A	0.0428
rs111445005	T	-0.0674
rs6756764	A	-0.0171
rs148177092	C	-0.0693
rs150659083	G	-0.0642
rs74914777	A	0.1341
rs4527163	T	0.0231
rs1478124	A	0.0154
rs7558873	A	-0.0268
rs80304186	A	0.0302
rs114347906	T	0.1026
rs112454332	G	0.0351
rs3102943	C	-0.0371
rs80015575	A	0.0626
rs17037730	G	-0.0214
rs34347386	T	-0.0487
rs75066451	T	0.0564
rs11126426	T	0.0155
rs150748406	C	-0.0726
rs55948744	G	0.062

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rs2165434	C	0.0186
rs62158158	T	-0.0401
rs6750949	C	-0.0516
rs6712295	G	0.0176
rs16840003	A	0.0221
rs115320422	A	-0.0375
rs112301616	G	-0.0446
rs898239	G	0.018
rs7556915	G	-0.0152
rs62130881	A	0.0419
rs6434786	T	0.0229
rs12472678	T	-0.0221
rs35119500	C	-0.0252
rs4853164	A	-0.0402
rs12469683	G	-0.0153
rs17819831	C	0.0886
rs13011795	G	-0.0151
rs13025677	A	-0.0362
rs4669292	A	0.0213
rs76595988	A	-0.0431
rs115279203	A	-0.085
rs6761635	G	-0.0185
rs12999094	G	0.0195
rs11683855	C	0.0276
rs12998601	C	-0.0202
rs11683290	T	-0.0449
rs6761221	T	-0.018
rs3811523	G	-0.0316
rs10172378	A	-0.0206
rs2421679	T	-0.036
rs1992149	C	-0.0477
rs17271239	G	-0.0947
rs11902592	G	-0.1205
rs1484686	G	0.027
rs10928627	A	0.035
rs76844946	C	0.0409
rs35605432	A	-0.0458
rs140515222	T	0.0591
rs1529096	C	-0.0151
rs6743595	G	-0.0155
rs140799004	A	-0.0373
rs13021269	T	0.0848
rs4497887	T	-0.0292
rs79382642	A	0.0539
rs11898663	G	0.0253
rs62186806	C	0.0332

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rs78224901	A	0.1041
rs77359499	A	0.0535
rs11688562	T	-0.0202
rs12711860	C	0.0252
rs13023348	T	0.0326
rs16856278	G	-0.0549
rs7583475	C	-0.0193
rs150595656	C	-0.0715
rs78198285	A	-0.0423
rs12618485	T	-0.0261
rs149904851	T	0.1397
rs1447525	A	0.0166
rs56007461	G	0.023
rs72870583	G	0.0612
rs13423567	T	0.0217
rs145628344	C	0.0748
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rs35964219	G	-0.0565
rs7570893	T	0.0311
rs115481878	A	-0.0946
rs72901598	T	0.1051
rs13412035	G	-0.0202
rs1157164	C	0.0506
rs2033649	G	0.016
rs1469943	G	0.0245
rs12990129	G	-0.0168
rs55755327	A	-0.1051
rs146144581	T	0.0815
rs35927294	A	-0.0222
rs1430191	C	0.0152
rs75812350	G	-0.0477
rs12468920	G	-0.0164
rs140651007	T	-0.0871
rs836653	A	0.0284
rs72889619	T	0.0786
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rs11895557	A	-0.0244
rs13014551	C	-0.0419
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rs7580205	C	0.0403
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rs79589346	A	0.1496
rs35079578	A	0.0292
rs150032491	A	-0.0835
rs4072464	A	-0.0229
rs138283138	G	-0.0427

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rs6436445	T	0.0178
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rs76260822	T	-0.079
rs4669441	A	-0.0167
rs1997485	T	-0.0182
rs2034762	A	-0.0161
rs72779777	T	0.0718
rs1823870	C	0.0767
rs12612822	T	0.0253
rs144626131	A	0.0839
rs17242672	T	0.0813
rs111964567	T	-0.0729
rs72943456	A	-0.023
rs7582960	G	-0.0278
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rs114932088	A	-0.0862
rs72935115	T	0.1049
rs413056	C	0.0166
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rs116526743	C	0.0971
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rs17578007	C	0.0213
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rs114127880	T	0.0527
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rs138541092	A	-0.0616
rs12475313	A	-0.0302
rs143814114	T	-0.0871
rs78608057	A	0.0475
rs34300349	A	0.0711
rs75751703	T	-0.0583
rs9288094	T	-0.0155
rs72990613	C	0.0361
rs1913371	C	-0.0162
rs12694762	T	-0.0244
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rs76890523	T	0.0923
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rs150392003	A	0.1092
rs147448188	T	-0.1013
rs139127662	A	0.0553
rs441327	A	-0.016
rs35310143	G	0.0381
rs62167082	G	-0.0298
rs112036828	A	-0.0607
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rs7567984	T	-0.0202
rs28736442	G	0.0201
rs77516439	T	0.049
rs78696878	A	-0.0269
rs332103	A	0.0165
rs3749124	C	-0.0658
rs78912583	A	-0.1133
rs3209790	T	0.033
rs17768583	C	-0.0405
rs10194516	G	0.0155
rs7569764	A	-0.0166
rs145781247	G	0.0505
rs77327933	T	-0.069
rs4516432	C	0.0182
rs71424358	G	-0.0544
rs72935095	C	-0.0802
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rs76814826	A	0.0685
rs61558368	T	-0.0173
rs6714869	A	0.017
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rs72829229	A	-0.0467
rs13018533	C	-0.0432
rs114105809	C	-0.0421
rs72983194	G	0.1087
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rs6433789	G	-0.0168
rs1996946	A	0.0637
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rs62162928	A	0.1241
rs115903344	A	-0.0715
rs35129131	T	-0.0507
rs2871578	G	-0.0248

rs72838523	A	-0.0615
rs3106690	A	0.0301
rs72959512	T	-0.0768
rs72779695	T	0.0231
rs114858021	T	0.0754
rs934822	A	-0.0186
rs139771256	C	0.0837
rs11096508	A	-0.016
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rs10779906	G	0.0176
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rs13029552	C	-0.0261
rs17012963	A	-0.0284
rs62140299	T	0.0269
rs10451617	T	0.0171
rs77643703	T	-0.0351
rs141791768	A	0.0743
rs115591786	A	0.0365
rs28727492	G	0.0421
rs9789689	G	-0.0557
rs115023505	A	0.0721
rs75418345	G	0.057
rs147992705	T	0.1454
rs13008235	C	-0.0159
rs28369979	C	0.0525
rs10185841	T	-0.0167
rs77145485	G	-0.0334

rs75732007	C	0.0465
rs7583207	C	0.0403
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rs830031	T	-0.0162
rs113192850	T	0.0759
rs7422672	A	0.025
rs879072	C	0.0622
rs17619532	G	-0.0249
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rs6750708	G	0.0562
rs143015493	A	-0.1291
rs17537701	A	-0.0193
rs1448835	A	-0.1272
rs55829163	T	-0.0663
rs74796687	C	-0.1153
rs7602088	G	0.0158
rs2337382	A	0.0146
rs17535346	A	-0.0873
rs114838449	G	-0.0413
rs79591770	G	0.045
rs16866027	C	0.046
rs79361825	C	0.1063
rs116093037	G	-0.0437
rs4971621	T	0.0151
rs13005050	C	0.0262
rs2377844	A	0.0181
rs79497180	A	0.0452
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rs143508793	A	-0.1095
rs4148770	G	0.0515
rs12052345	G	-0.0217
rs17602324	G	0.0296
rs78005148	C	-0.0375
rs17349763	T	0.0327
rs72816668	T	0.083
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rs114110185	T	-0.1046
rs3770211	T	0.0179
rs79467393	T	-0.0836
rs144402881	T	-0.099
rs76364775	T	-0.0404
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rs4296402	A	0.0333

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rs72964922	A	0.0482
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rs13394266	T	0.0198
rs6717904	A	0.0179
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rs147503209	T	-0.1074
rs17453375	T	0.0391
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rs61762247	A	-0.0811
rs34035427	A	0.0448
rs615415	A	-0.0183
rs111611730	T	0.027
rs112991277	T	-0.0491
rs1344833	T	0.054
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rs12994538	A	0.0722
rs72979490	A	0.0339
rs4663434	A	-0.0184
rs11691365	A	-0.0182
rs74648934	A	0.0934
rs7588859	T	0.0387
rs116136262	T	0.1098
rs11684463	T	-0.0163
rs77647703	G	0.0895
rs139504409	C	-0.0947
rs1866240	T	0.0196
rs111376368	A	0.0698
rs62193866	A	-0.0168
rs10490680	G	0.0935
rs75529147	A	-0.0781
rs10165831	C	0.0181
rs138648456	T	0.086
rs17010638	G	0.0656
rs1982411	A	0.0265
rs6738051	A	0.0805
rs78329337	G	0.0682
rs10497121	T	0.0557
rs115854633	T	0.081

rs17306023	C	-0.0776
rs13393316	G	0.0235
rs13382449	C	-0.0167
rs148995428	A	0.0493
rs17781671	A	-0.0276
rs2365300	G	-0.0197
rs114054556	C	0.1112
rs11466191	G	0.0182
rs58129446	T	-0.0743
rs75499957	A	0.1292
rs1004651	A	0.0191
rs4487082	G	-0.0279
rs142470101	T	0.0921
rs80090710	C	0.0298
rs113128473	C	0.0189
rs10190119	T	-0.0612
rs17217753	G	0.0498
rs73106559	G	0.0642
rs10184564	A	0.0175
rs72777977	T	0.0906
rs145946489	A	0.0927
rs16823360	C	0.0226
rs6544382	G	0.0301
rs72862947	G	-0.0898
rs7595633	G	-0.0156
rs3755295	G	-0.0153
rs12475774	T	0.0553
rs1438014	G	-0.0185
rs13386875	C	0.0185
rs140844120	G	0.0754
rs17829933	A	-0.0165
rs77490311	G	-0.0506
rs139273311	T	-0.0808
rs1989717	G	-0.0183
rs1882675	A	-0.0413
rs7573804	C	-0.0418
rs115117705	C	-0.0752
rs116211957	G	0.0463
rs79349128	T	0.0768
rs10439377	C	-0.0149
rs4670906	G	-0.0155
rs7576760	C	-0.0165
rs77283732	C	0.0862
rs1003187	A	-0.0162
rs112754343	G	-0.0509
rs72887783	G	0.0563
rs145019985	A	-0.0744

rs72790985	G	-0.0189
rs62127483	C	0.0787
rs2447476	C	0.0195
rs57550849	A	-0.108
rs13413726	T	0.0151
rs6713264	A	-0.0241
rs6731881	A	-0.0193
rs140284176	A	-0.0522
rs10185344	G	0.0239
rs149349301	T	-0.058
rs112803623	T	-0.0192
rs76932926	T	0.0312
rs75990977	A	0.0357
rs72933863	A	0.0912
rs75898590	G	-0.0808
rs6747687	T	0.0162
rs114262379	T	0.0523
rs146201961	C	0.0438
rs76408913	A	0.0391
rs13007476	A	0.0148
rs35272517	G	0.0492
rs112407528	A	0.1019
rs10928827	A	-0.0164
rs75251337	T	0.0236
rs78712069	G	-0.0845
rs79762920	A	0.0734
rs56076952	T	0.0281
rs12693203	T	0.0156
rs4853550	G	0.0238
rs7585540	C	-0.0784
rs13402702	G	-0.0194
rs6545073	A	-0.015
rs12987402	C	-0.0158
rs62132110	A	0.0455
rs75475960	G	0.0448
rs4852839	T	-0.0175
rs67274598	C	-0.0163
rs2231898	T	0.0158
rs6745077	A	-0.0287
rs141185830	A	0.081
rs79229635	A	0.039
rs147457567	G	-0.0507
rs60686863	T	-0.0166
rs115567527	C	-0.0814
rs62129879	A	-0.0366
rs62142469	C	-0.0334
rs75690432	A	-0.0743

rs76849103	G	-0.1004
rs115892947	A	0.0749
rs138729905	A	0.072
rs13384232	A	0.0334
rs33998921	C	-0.0232
rs6433199	C	-0.016
rs6723231	G	-0.0455
rs75290983	A	0.0762
rs35052538	G	-0.0472
rs149515078	G	0.0761
rs114003282	A	0.0629
rs79186150	A	0.041
rs302678	G	0.0166
rs72839903	C	-0.0471
rs76903598	G	-0.0628
rs143142190	G	-0.0579
rs144343870	A	-0.0996
rs2442086	T	-0.0148
rs115185046	T	-0.0821
rs115948672	C	0.0558
rs55917643	C	-0.0243
rs13007920	T	0.0326
rs12712655	C	-0.0247
rs76710528	C	0.0338
rs6715913	C	0.0618
rs72985705	T	0.0866
rs72780329	A	-0.0389
rs6546920	A	0.0212
rs115852609	A	0.0649
rs74479109	G	-0.0512
rs11096675	A	-0.0172
rs116442776	G	-0.0889
rs75952703	G	0.0857
rs314700	C	0.0151
rs74818338	A	0.0406
rs62191712	C	-0.0584
rs73914199	C	0.0267
rs77923242	T	0.0465
rs2351634	C	0.0405
rs116670745	G	0.0173
rs16866293	A	-0.0662
rs6756207	C	0.0219
rs77342590	C	-0.0478
rs13418294	C	0.0429
rs72852553	T	-0.0357
rs13416583	C	0.0825
rs77964171	C	0.0569

rs13007910	T	0.0153
rs2121914	T	-0.019
rs78346616	A	0.0651
rs1349827	T	0.0157
rs10175646	T	-0.077
rs12467018	A	-0.0464
rs115133869	A	0.0732
rs7576107	C	-0.0865
rs62147111	T	0.0776
rs1486836	C	-0.0226
rs115548934	G	-0.0754
rs72899245	G	0.0361
rs148098417	C	-0.0793
rs11127328	A	-0.035
rs720388	T	0.0266
rs138203263	G	0.0608
rs72983702	A	0.0509
rs6711742	G	-0.0404
rs6705531	T	0.0616
rs7558238	G	-0.0416
rs114639172	T	-0.08
rs114961474	G	0.097
rs146282631	C	0.1412
rs13415013	A	0.0791
rs7582528	A	-0.0307
rs77027797	G	-0.0511
rs6729286	G	-0.0162
rs144594717	A	0.0773
rs77322648	C	-0.0744
rs10190571	G	-0.0145
rs2176228	A	-0.0152
rs999246	A	0.0159
rs55872560	G	0.0632
rs10496413	T	-0.0362
rs4666577	C	0.0152
rs76108210	G	0.0473
rs142897541	T	-0.0526
rs6711405	T	0.0193
rs2382043	C	0.0153
rs772790	C	-0.0181
rs6543587	G	-0.0287
rs77344942	T	0.1268
rs112883448	A	0.0673
rs10928666	T	-0.017
rs78494415	T	-0.0256
rs7566009	G	0.0168
rs919535	A	0.0155

rs13392665	G	-0.0667
rs6730327	G	0.0144
rs72809811	A	-0.0674
rs79787684	T	0.0616
rs4233908	A	0.0169
rs9308861	T	-0.0208
rs72625241	C	-0.0281
rs309327	A	-0.015
rs13003111	T	-0.0192
rs77455461	A	0.0471
rs6759998	C	0.0153
rs62159191	C	0.0636
rs76007931	G	0.037
rs76816286	C	-0.0871
rs11890004	A	-0.0509
rs34997129	T	0.0582
rs13027651	T	-0.0213
rs146474933	T	-0.0412
rs115441283	C	-0.131
rs10180437	T	0.022
rs71426591	G	0.1155
rs11680869	G	0.0224
rs74412370	G	-0.0386
rs144439503	A	0.134
rs11901926	C	0.0171
rs2342706	C	-0.0164
rs13428296	C	-0.0604
rs17050219	T	-0.0275
rs72975543	T	-0.0469
rs114968772	G	0.0365
rs148851054	A	-0.0704
rs115916025	G	-0.0851
rs141351623	T	-0.1309
rs13033907	G	-0.0329
rs13025670	C	-0.0217
rs13002746	C	0.0629
rs13415927	G	-0.0388
rs62168438	A	0.0703
rs13011865	G	0.0274
rs76362592	A	0.0453
rs74383932	C	-0.0401
rs76135609	G	-0.0379
rs35289156	A	-0.0233
rs72927232	T	0.0802
rs4674409	G	-0.0202
rs1491128	A	0.032
rs2974154	G	0.0192

rs72843240	G	-0.0577
rs144860491	T	0.1013
rs10856801	C	-0.0268
rs4308087	C	0.0147
rs78986177	A	-0.0849
rs116189493	G	0.0791
rs13405986	G	0.0149
rs113666430	A	-0.0571
rs10933605	A	0.0392
rs72813343	A	0.0824
rs55717499	C	-0.0166
rs11891948	C	0.0242
rs1397318	G	0.0229
rs138762416	T	0.0466
rs141073248	C	0.1272
rs114548828	C	-0.0569
rs935411	T	0.026
rs1971117	G	-0.0155
rs1908252	G	-0.0145
rs147763767	A	-0.1082
rs111826817	C	-0.0453
rs12465885	C	-0.0421
rs142340021	C	0.07
rs7584777	C	-0.0158
rs77981388	G	-0.0835
rs13031097	G	-0.0207
rs115081283	T	-0.0637
rs16835570	A	0.0648
rs139793806	T	-0.1307
rs143402705	A	0.0358
rs115033910	T	0.071
rs12469388	T	0.0617
rs6717745	T	0.038
rs148004485	G	0.1093
rs72814195	T	0.0878
rs78184124	C	0.0597
rs13406809	A	-0.0256
rs1012320	T	0.0737
rs77072321	T	-0.0391
rs1345149	A	-0.0166
rs148508068	A	-0.0976
rs9288698	T	0.0159
rs11691574	T	-0.0152
rs1625487	T	0.0234
rs79623051	A	-0.0868
rs73226533	T	0.0369
rs10173687	A	0.0185

rs142938430	G	0.0538
rs7583630	C	0.0171
rs17017985	T	-0.0825
rs10181499	C	-0.0965
rs73062866	A	-0.0563
rs150980929	C	-0.1344
rs3845781	T	-0.02
rs72792867	G	-0.0232
rs116713005	T	0.0424
rs75953596	G	-0.016
rs4673155	T	0.0467
rs16864841	C	0.0311
rs73928554	T	0.0272
rs142278698	T	-0.0757
rs6759102	A	-0.0376
rs72777839	T	0.0586
rs114489334	A	-0.0735
rs11096470	A	-0.0559
rs147868328	C	0.0677
rs72818981	G	-0.1211
rs78096816	C	0.0575
rs76975690	A	0.0429
rs10210606	A	-0.0873
rs113142991	A	0.1079
rs163509	A	0.0951
rs9807927	A	-0.0328
rs150040826	C	-0.0794
rs13009499	G	0.0146
rs12468729	G	-0.025
rs77689531	T	0.0427
rs79201384	A	0.0531
rs17268903	G	-0.0374
rs148647599	T	0.0545
rs17020192	C	-0.0444
rs1562347	T	0.0558
rs12994794	G	0.0189
rs72994308	C	0.0156
rs116553900	T	0.1178
rs115612984	G	0.1031
rs2118376	G	-0.0197
rs145810281	T	0.0876
rs1729413	G	0.0148
rs10153704	C	-0.0396
rs17504565	A	0.0424
rs112131971	A	-0.0905
rs17023820	G	0.028
rs149896637	A	-0.0982

rs74698584	C	0.081
rs4663588	A	0.0148
rs1869450	A	0.0189
rs13031797	T	-0.0503
rs874028	G	-0.026
rs10182687	A	0.0253
rs114526735	T	0.0508
rs56119801	C	-0.0291
rs112351029	G	0.0244
rs6720636	G	0.0238
rs79020795	A	-0.0697
rs144467701	C	0.1216
rs72760970	G	0.0466
rs116360084	G	0.0383
rs113979743	C	0.091
rs888242	C	0.0148
rs113773309	G	0.0609
rs17702023	G	-0.0272
rs76358867	C	-0.0266
rs111428492	T	-0.0402
rs56186884	G	0.0918
rs11892116	A	-0.0167
rs77798601	A	-0.0847
rs13419074	G	0.0401
rs150793223	T	-0.1067
rs114757903	G	0.0654
rs148108351	T	0.0823
rs3770148	A	0.0179
rs75094393	A	0.0617
rs67887179	C	-0.058
rs74890443	G	-0.0729
rs12620259	T	0.0207
rs1356066	A	-0.0297
rs62178591	T	0.0406
rs4006355	C	-0.0363
rs72784664	T	0.0261
rs72802106	A	0.0639
rs56698253	C	0.0338
rs4664519	A	-0.0241
rs10930737	T	0.0248
rs1349844	A	-0.026
rs7596735	T	-0.0151
rs929388	C	-0.0177
rs4663449	A	0.0145
rs2609118	A	-0.0432
rs2300486	T	0.0164
rs12473446	C	-0.0146

rs79310677	T	0.0485
rs2376061	G	-0.1061
rs4953852	G	0.0581
rs11894546	A	-0.0143
rs140502491	T	0.0829
rs75997349	A	0.0288
rs139449778	A	-0.0937
rs12469999	G	-0.0477
rs34206771	A	-0.017
rs114238370	T	0.0862
rs138577488	C	0.074
rs62161791	G	-0.068
rs6545371	T	0.0172
rs17745737	T	0.0849
rs12612989	C	-0.0444
rs77595542	G	-0.0634
rs35718630	T	0.0419
rs79921412	C	-0.0277
rs6741486	G	0.015
rs74778477	C	0.0406
rs74663856	T	0.045
rs114990710	C	0.1013
rs13396096	A	0.0175
rs6708684	A	0.0216
rs55663001	A	-0.022
rs7603604	T	-0.0804
rs4853151	T	0.0262
rs112926105	T	0.0342
rs142404086	C	0.0923
rs138790500	T	0.0638
rs80268774	C	-0.0706
rs142140049	A	0.0781
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rs77644812	A	-0.0709
rs111684081	A	0.0875
rs17727482	G	0.019
rs1579143	T	0.0212
rs148252187	T	0.0519
rs4907262	A	-0.0254
rs76663303	A	-0.0359
rs56318108	G	-0.0309
rs41296384	G	-0.1168
rs4429424	A	0.0236
rs74659446	T	0.0808
rs78273753	A	0.113
rs74673038	A	0.0465
rs114512293	A	-0.0661

rs11684743	C	0.105
rs143776017	A	0.0791
rs72771519	T	0.108
rs747196	C	0.0237
rs116393845	T	0.0773
rs76368307	C	0.0271
rs76941706	A	0.0554
rs2719098	T	-0.0156
rs17545022	A	0.02
rs140713692	G	-0.0821
rs2338437	C	0.0236
rs78457699	A	0.0246
rs62174995	T	0.0478
rs28453315	T	0.0336
rs72841718	T	0.0983
rs149056530	G	0.0451
rs76307697	T	0.0781
rs13430530	A	-0.0147
rs55691606	C	-0.0314
rs7369739	A	-0.0173
rs62169409	G	-0.0173
rs116656616	T	-0.079
rs62163362	C	-0.0942
rs112864076	T	-0.1238
rs74387423	G	-0.0678
rs11676278	T	-0.0281
rs11681653	G	-0.0165
rs115975996	G	-0.0458
rs17247498	T	-0.0694
rs35636556	G	0.0437
rs62147567	G	0.0229
rs2374569	T	0.0155
rs73926235	T	-0.079
rs6748646	A	-0.0201
rs138642928	G	-0.0364
rs11884632	C	-0.0167
rs76545024	A	-0.1231
rs149918952	T	-0.0554
rs888055	G	-0.0175
rs1374408	C	0.1278
rs1997287	T	0.0278
rs114405016	A	-0.0939
rs113635309	A	0.0548
rs114183085	T	-0.0661
rs7572097	T	0.0237
rs142070089	T	0.1126
rs80261165	A	0.0877

rs77210631	C	0.0248
rs10209353	T	0.0165
rs6709393	G	0.0157
rs13000432	G	-0.0146
rs4245780	C	0.016
rs17388806	C	-0.0519
rs115744026	C	0.0923
rs11124185	C	-0.0164
rs116612773	A	0.11
rs12617467	C	-0.0238
rs72818965	T	-0.039
rs79673074	G	-0.0802
rs10175670	T	-0.0234
rs17541660	T	0.0169
rs13424348	C	-0.0224
rs1462530	T	0.0148
rs1431793	C	-0.0163
rs72815134	A	0.1326
rs77311382	G	0.0188
rs12464248	T	0.0661
rs11674344	A	-0.0198
rs753775	T	0.0697
rs788159	T	-0.0175
rs36119304	C	0.0424
rs74818647	T	-0.0388
rs78102257	A	-0.0197
rs111546612	C	0.0613
rs17332290	C	-0.0206
rs17315702	T	0.0969
rs7570733	C	-0.0397
rs143283380	G	0.0719
rs74820857	T	0.0987
rs114714256	T	0.0691
rs114503498	A	0.0495
rs17629451	G	0.018
rs146452383	C	-0.0911
rs79489551	T	0.0686
rs35265179	C	0.018
rs4289208	C	-0.0295
rs6715263	C	-0.0375
rs115453743	T	-0.0749
rs145164074	G	-0.1152
rs6707050	A	0.0166
rs10182291	G	-0.0203
rs17008506	T	0.0501
rs12995771	A	0.0153
rs4588246	T	-0.0367

rs13418767	T	-0.0238
rs148802857	T	0.0816
rs76290868	A	-0.1018
rs79083320	G	0.0412
rs6752810	C	0.0249
rs17657434	G	-0.0203
rs72875820	T	0.0787
rs4535078	A	0.0525
rs6749736	A	-0.0161
rs76517583	A	0.0746
rs10865071	G	0.0253
rs7586707	A	0.0156
rs72801353	G	-0.0501
rs58162497	A	-0.0643
rs34275856	T	0.0243
rs7608588	A	-0.1013
rs79273618	T	0.0473
rs10202230	C	-0.0613
rs988481	T	-0.0162
rs117929703	T	0.0874
rs13030537	G	0.0213
rs76600995	T	0.0328
rs114826753	T	-0.0327
rs6730847	A	-0.0172
rs13389079	A	-0.0172
rs78758343	G	-0.0502
rs6710307	G	0.0143
rs116768467	G	0.0778
rs1504260	A	0.0171
rs6720907	G	0.0351
rs114242638	G	0.0384
rs78606517	C	0.0648
rs6545815	C	-0.0246
rs116320833	A	0.0476
rs71423010	G	0.0362
rs16857871	C	0.0422
rs144860167	T	-0.0602
rs4850055	T	-0.0177
rs17821546	G	0.0424
rs72915420	T	0.1106
rs2421097	G	0.0159
rs2919871	A	-0.0187
rs13387840	A	-0.0279
rs35917372	G	-0.0626
rs74362905	G	-0.0992
rs79167099	A	-0.1107
rs74696736	C	-0.0242

rs12619437	G	0.016
rs6716998	C	0.0208
rs7573807	A	0.0176
rs148482297	T	0.0583
rs72884252	C	-0.0181
rs10168975	T	-0.0596
rs7556946	C	0.0412
rs13006352	T	0.0418
rs79977480	C	0.0438
rs17043146	A	-0.0424
rs2553625	A	-0.0166
rs72790077	G	0.0877
rs13386932	G	-0.0376
rs77930638	T	0.0446
rs2584922	T	-0.0152
rs13403889	C	0.1099
rs62118161	A	0.0289
rs149664358	G	0.0528
rs77396923	C	0.0431
rs1814590	C	-0.0432
rs13411680	G	0.015
rs724997	A	-0.0568
rs17044829	C	-0.0449
rs145470373	C	0.0837
rs74394129	A	-0.0655
rs12616988	T	0.0582
rs72888197	T	-0.0269
rs17785026	A	0.014
rs12471302	G	-0.0533
rs116623057	A	0.0667
rs72888051	C	-0.0714
rs6729205	C	0.0144
rs78407523	A	-0.0376
rs4133879	T	0.0152
rs76671216	A	0.0995
rs78039535	T	0.0339
rs74579450	C	-0.049
rs10197912	A	0.0251
rs13002606	C	0.0146
rs139412485	T	0.1134
rs74570832	T	-0.0536
rs76546748	C	-0.099
rs72928729	C	0.0643
rs12464205	C	-0.0161
rs59537171	G	-0.0261
rs148307075	G	-0.0629
rs74335824	T	0.021

rs72770149	G	0.0856
rs140250527	T	-0.0804
rs114827591	T	-0.0825
rs114472057	C	0.0937
rs17362909	G	0.0241
rs7590898	T	-0.0359
rs141625665	T	-0.0515
rs79248360	T	0.0581
rs10929756	C	-0.0147
rs7558018	G	0.0144
rs12467348	T	-0.0265
rs75505984	T	0.0524
rs7607036	T	-0.0166
rs3748986	T	-0.0914
rs76006320	A	0.0283
rs17664519	G	-0.0171
rs2971644	A	-0.0156
rs75022505	G	-0.1209
rs72610734	A	-0.0236
rs6714489	A	0.0225
rs12469115	G	0.0224
rs13029062	A	-0.0163
rs111291133	C	-0.0821
rs6749551	T	-0.0179
rs74886317	C	0.0797
rs79907420	G	-0.0293
rs62180368	T	0.0699
rs12713386	T	0.0166
rs116038161	G	0.1037
rs6723745	T	0.0168
rs2916502	A	-0.0627
rs4663784	T	0.0172
rs11124850	C	0.0144
rs116249990	G	0.0702
rs76608211	T	0.0942
rs2583555	T	0.0288
rs115505899	A	-0.0497
rs6714328	C	0.0152
rs646445	T	-0.0153
rs1517397	T	-0.0147
rs35718992	C	0.0218
rs150615995	G	0.1037
rs3910522	A	-0.0178
rs13019482	G	0.0262
rs114352628	A	-0.0545
rs76894741	G	-0.0437
rs76931445	T	0.0571

rs79822000	T	-0.0413
rs75612460	T	-0.0622
rs7586899	A	-0.0277
rs1611796	C	0.0142
rs4853872	A	-0.0731
rs80245481	T	0.0587
rs78813269	T	-0.0541
rs75499178	T	-0.0522
rs72843577	A	0.0452
rs116535301	C	-0.0288
rs116780072	C	-0.075
rs1394237	A	-0.0414
rs144763548	A	0.1035
rs62167432	A	0.0272
rs60436390	G	0.0311
rs140208599	A	-0.0409
rs4952517	C	0.0729
rs7605749	A	0.0639
rs74885636	C	-0.0549
rs2678305	C	-0.0187
rs13021351	C	0.0674
rs4476344	G	0.0175
rs114117770	T	-0.0588
rs283874	A	-0.0354
rs13015186	G	0.0145
rs72955878	A	-0.0394
rs78793602	C	0.1079
rs6750970	T	-0.0494
rs75275454	C	0.0494
rs17481584	G	0.0646
rs142990394	T	-0.0801
rs1177299	T	-0.0191
rs62130916	G	0.0375
rs56402123	A	-0.1014
rs4668059	C	0.0228
rs627973	C	-0.0184
rs72789359	T	0.0313
rs142730039	G	-0.0811
rs4952523	T	0.0266
rs74765442	A	0.1077
rs76102134	C	-0.065
rs146760682	A	-0.0787
rs6728107	C	-0.018
rs72904572	A	-0.1413
rs74332053	C	0.0594
rs4669519	A	-0.0178
rs6432062	A	-0.0164

rs17024618	T	0.0204
rs17024874	A	-0.0549
rs115439129	G	0.0649
rs792064	T	-0.0147
rs115176131	C	0.0839
rs11894674	C	0.0581
rs1818925	G	-0.0172
rs145509712	A	-0.067
rs11686738	T	0.0181
rs77471991	A	-0.03
rs115525809	A	-0.0527
rs72930715	C	0.0738
rs2289266	G	-0.0338
rs11899001	T	-0.0154
rs17047151	A	0.0321
rs12474229	G	0.055
rs13026048	A	-0.0204
rs7588841	A	0.0202
rs11884463	T	-0.0567
rs1379385	T	0.0834
rs35065263	A	0.0181
rs116786183	T	-0.0537
rs116216275	C	0.0799
rs10181539	T	0.0193
rs116838404	T	0.0817
rs78163663	A	-0.0316
rs17736503	T	0.0342
rs6544770	T	0.0145
rs141998607	A	0.092
rs6756968	C	-0.0674
rs72821929	T	0.0457
rs60354056	C	-0.0185
rs9917264	A	-0.018
rs140867983	G	-0.084
rs17608438	G	0.0414
rs148346115	T	0.0613
rs138866512	A	-0.0746
rs824586	T	-0.0183
rs1990545	A	-0.0194
rs58189699	T	0.0615
rs11677091	T	-0.0486
rs2666992	T	0.0195
rs140949831	T	-0.0621
rs4675981	G	-0.0177
rs56852412	C	0.022
rs77528770	T	-0.1055
rs79567947	A	-0.0592

rs76304485	T	-0.0731
rs77225037	C	-0.0529
rs59638376	A	0.1007
rs7609147	G	-0.0162
rs1861403	A	0.0411
rs6735930	C	0.0313
rs6711658	G	0.0464
rs62171717	C	0.0843
rs57277472	C	-0.0248
rs72875021	A	-0.0584
rs72881379	C	0.0191
rs113715501	T	0.0661
rs34417335	G	0.0223
rs17363735	A	0.0424
rs34652362	A	-0.0176
rs77022564	A	-0.024
rs4353691	G	0.0152
rs79095095	T	0.0219
rs17632157	T	-0.0489
rs71423274	A	-0.0666
rs80072603	A	-0.0277
rs113569596	A	-0.1139
rs76317098	T	0.028
rs6544973	T	0.015
rs6729523	G	0.0527
rs991000	A	0.0168
rs114616461	T	-0.0749
rs6432904	A	0.0147
rs112796415	T	0.0415
rs146215655	C	-0.0666
rs74793846	T	0.0709
rs10183640	A	0.0156
rs148727329	A	-0.029
rs115030306	C	0.0756
rs77337053	C	-0.08
rs17508302	T	-0.0516
rs149371326	C	0.0582
rs11889334	T	-0.0266
rs79043936	C	0.0765
rs6430066	C	0.0165
rs13390038	A	-0.0164
rs34942306	G	0.056
rs116169858	C	-0.0515
rs114737105	T	-0.0865
rs78127380	C	0.0303
rs1113669	C	0.016
rs150492422	T	0.0584

rs934314	C	0.0585
rs112406524	C	0.0741
rs142541141	G	-0.0925
rs76796053	T	0.0874
rs16863310	G	0.0398
rs76566138	G	0.0576
rs10173331	G	0.0143
rs114982910	T	-0.0469
rs79293431	T	-0.0425
rs115968335	T	-0.0642
rs4671695	T	0.0839
rs13420259	T	0.0148
rs112957920	T	-0.0438
rs113826523	T	0.0543
rs72884735	T	0.058
rs138210188	C	0.0377
rs11688557	G	0.0456
rs113478000	A	0.0736
rs143059615	G	-0.088
rs840952	A	0.0139
rs115626828	C	0.0911
rs76987643	A	0.0979
rs75547292	A	-0.0665
rs724149	C	0.0139
rs72763707	T	-0.0326
rs74685640	C	-0.0669
rs17042273	A	0.0325
rs6717253	A	-0.0141
rs9677367	G	-0.0181
rs72872945	T	0.0657
rs7589954	A	-0.0607
rs78199974	G	-0.0411
rs17324662	T	-0.0227
rs12475081	C	0.0246
rs78957928	T	-0.0295
rs12990593	T	0.1268
rs2902017	C	0.0144
rs77159567	A	0.0321
rs146239315	G	-0.0928
rs114317533	A	-0.0397
rs13393058	C	0.0238
rs4952976	T	-0.0269
rs114208895	T	-0.0701
rs28387164	T	-0.0834
rs12616455	G	0.0168
rs55900616	T	0.0664
rs6739008	T	0.0164

rs142135226	T	0.0955
rs114121342	G	0.0512
rs143147658	A	0.0374
rs77679016	A	-0.0323
rs790024	T	0.0169
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rs62162299	T	0.0706
rs75041978	T	-0.0437
rs7576904	A	0.0204
rs28910602	T	-0.0559
rs11885421	G	0.0152
rs13003732	T	0.0299
rs13006477	T	-0.0232
rs7566261	G	0.0178
rs12621242	A	-0.0536
rs147622721	T	0.0826
rs17268639	C	0.087
rs10931466	T	0.0614
rs34011855	A	-0.0429
rs116643408	T	0.1349
rs62125316	G	0.0336
rs114815439	T	0.135
rs3791948	T	-0.0144
rs115864860	G	0.0562
rs2722606	G	0.0153
rs11686153	T	-0.0148
rs72879528	C	0.0223
rs2356762	G	0.0531
rs115820038	T	-0.1046
rs170810	T	-0.0183
rs76639733	A	-0.0445
rs9653475	T	-0.0169
rs75001869	G	0.0314
rs74419956	A	-0.0295
rs138601245	A	0.0764
rs74436253	G	-0.0527
rs2663863	T	-0.0193
rs145300731	T	0.0465
rs138385137	A	0.0889
rs11693332	T	-0.0173
rs74857060	G	0.0639
rs4663908	G	0.0248
rs115385669	A	-0.0647
rs11679650	C	-0.1296
rs150847166	T	0.0963
rs10174228	T	0.0552
rs11126616	C	0.0148

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rs114336938	C	0.0749
rs2163227	C	-0.0165
rs11677759	T	-0.0327
rs76519408	T	0.0794
rs62187201	C	-0.0691
rs16866631	G	-0.0635
rs13413372	G	-0.0237
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rs145438467	G	-0.0579
rs35935079	A	-0.0168
rs12464823	C	-0.0228
rs843238	G	0.0139
rs10165875	T	-0.0176
rs116502619	T	0.0833
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rs144366500	G	-0.0599
rs17868358	T	-0.0576
rs142381389	A	-0.0707
rs76310698	A	-0.0297
rs150927923	T	-0.1249
rs75048671	A	-0.0572
rs72884732	T	0.0428
rs7604446	T	-0.0141
rs151131568	T	0.0983
rs34229466	G	0.0166
rs74688338	T	0.057
rs4852531	C	0.0154
rs116493897	T	-0.082
rs112413721	A	0.0418
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rs16865581	C	-0.0329
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rs71420759	A	-0.0746
rs13001329	G	-0.0266
rs75101785	C	-0.036
rs1534480	T	0.0274
rs7608448	T	-0.0137
rs72809414	T	-0.0345
rs12993825	T	-0.0222
rs4853491	G	-0.0287
rs1550379	T	-0.0518
rs4849971	A	-0.0265
rs12999544	C	-0.0226
rs12995076	T	0.0334
rs10469763	C	0.0163
rs12993893	A	-0.088

rs10168196	G	-0.0293
rs56401439	G	0.0318
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rs896372	A	-0.018
rs79270453	C	0.0739
rs143404142	A	-0.0711
rs79708063	T	0.0464
rs79200770	C	0.0321
rs13004732	G	0.06
rs10445673	T	0.0448
rs830963	A	0.0321
rs114123014	T	0.1087
rs79910924	C	0.0873
rs80033018	T	0.0435
rs115718152	C	-0.0619
rs80322853	G	-0.0406
rs2384235	T	-0.0154
rs9287545	A	-0.0855
rs7586173	T	0.0144
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rs56270562	A	0.0478
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rs17439328	T	-0.015
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rs13022793	G	0.084
rs482602	T	0.0196
rs6716953	T	0.0852
rs141421036	A	-0.1203
rs13429913	T	-0.0166
rs4669203	C	-0.0149
rs150078009	C	-0.0846
rs114842604	A	-0.0524
rs79102871	T	0.0651
rs13010473	T	-0.015
rs146121660	T	0.0856

rs75423978	G	-0.0566
rs138350899	C	0.056
rs74903639	G	0.0901
rs78606425	T	0.0178
rs78181492	G	-0.0351
rs6431635	G	0.0142
rs12988142	T	-0.0161
rs73058380	G	0.0284
rs10165649	T	0.0352
rs11896724	A	-0.0534
rs114556331	A	-0.1031
rs2127036	A	0.0171
rs56153296	G	0.0326
rs56160392	G	0.0168
rs72842634	G	-0.0829
rs7608505	A	-0.0931
rs116782599	A	-0.077
rs74715517	A	0.0646
rs76678114	G	0.0601
rs114783442	T	0.0321
rs34557395	T	-0.0289
rs62166785	A	-0.023
rs62182470	G	0.0625
rs112431897	C	0.0792
rs114516108	T	0.0653
rs111637714	G	0.0419
rs10208486	C	-0.0512
rs115402366	G	0.0538
rs34349040	A	0.0549
rs115674974	C	0.0809
rs13407457	T	0.0198
rs79226909	T	-0.0778
rs2194367	A	0.0144
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rs148619402	A	0.0579
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rs79251390	T	0.0178
rs78680953	G	-0.0212
rs140684405	G	0.0691
rs35093460	G	-0.0541
rs12478204	A	0.026
rs6735530	C	0.0212
rs13424202	T	0.0662
rs12621715	C	-0.027
rs74779167	G	0.0371
rs62135442	A	0.0231
rs77134676	C	0.0189

rs76199652	C	-0.0293
rs3769963	G	0.0228
rs12996816	T	-0.0216
rs12467958	T	-0.0179
rs79566441	T	0.0839
rs13029602	C	-0.0143
rs4591366	T	0.0213
rs6730731	A	0.0687
rs62143293	C	-0.0703
rs148370113	A	0.0792
rs77340900	C	0.0679
rs7560587	C	0.0159
rs6748811	C	0.0253
rs139699679	C	-0.0329
rs114444843	G	0.0983
rs2356081	T	-0.0154
rs35605986	G	0.0314
rs13402438	A	-0.0155
rs34433526	G	0.037
rs111516524	C	-0.0791
rs6714171	C	0.0208
rs115080817	T	-0.1031
rs10203979	C	-0.0164
rs34796501	G	0.0405
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rs114012375	G	0.0704
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rs115172254	T	-0.0581
rs1562622	T	-0.0144
rs67455413	C	-0.0407
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rs72864010	T	0.0469
rs72769220	A	0.1455
rs13423910	C	-0.0221
rs114526052	G	-0.0688
rs72846365	G	-0.0535
rs74630432	T	0.0563
rs75216904	C	0.0497
rs2011529	A	0.0176
rs111678461	G	-0.0742
rs2343408	A	0.014
rs79856873	T	-0.0812
rs72847738	C	0.0333
rs141261594	T	0.0757
rs115604196	G	0.0649
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rs12993275	A	0.0213

rs79624346	G	0.0798
rs12995369	G	0.0187
rs145815762	C	0.11
rs75246333	G	0.0277
rs13408347	G	0.0583
rs62140938	G	-0.055
rs116423209	G	-0.0607
rs1509739	C	-0.0173
rs732732	T	-0.0149
rs744333	C	0.0302
rs7606113	G	0.0578
rs838077	G	0.0263
rs140610312	A	-0.0713
rs62180913	A	0.019
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rs62123446	C	0.0386
rs144511297	A	0.0509
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rs16845744	G	-0.0925
rs13015532	A	0.0155
rs75308901	A	-0.0239
rs13022388	T	0.0364
rs11888040	C	0.0551
rs10803925	T	-0.0152
rs62173189	G	0.0711
rs6747820	T	-0.0159
rs7575586	T	-0.0166
rs115676341	A	-0.0699
rs2339701	G	-0.0143
rs75805638	A	-0.134
rs148315610	T	-0.0676
rs150476935	G	0.0638
rs150305868	C	-0.0604
rs7566479	C	0.0141
rs77652639	C	0.0917
rs12692487	C	-0.0174
rs11676008	A	0.0217
rs78779723	T	0.0647
rs2460385	T	-0.0769
rs72884471	G	0.0967
rs150736035	T	0.0436
rs71407585	G	0.0443
rs72859283	A	0.0195
rs13006985	A	-0.0212
rs79202550	C	-0.0265
rs17025994	C	0.0223
rs115891984	T	0.0814

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rs79112004	A	-0.0572
rs72970361	T	0.037
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rs36006481	T	-0.0325
rs10153831	T	-0.0175
rs7587311	A	0.0221
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rs116732550	A	0.079
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rs61208216	A	0.1052
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rs116664233	C	0.036
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rs55674404	A	-0.0339
rs149560089	A	-0.0645
rs34749914	C	-0.0168
rs996135	A	0.0152
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rs72878691	C	-0.0756
rs9808008	A	0.0146
rs4894008	C	-0.0191
rs72918550	C	0.052
rs72924348	A	-0.0344
rs11682928	A	-0.0168
rs76068631	C	-0.0765
rs3771798	C	-0.0157
rs144707161	A	-0.0808
rs6729054	G	-0.021

rs892454	G	-0.0134
rs145210893	G	0.034
rs1876812	G	-0.0158
rs144802185	T	0.0577
rs111449422	T	0.066
rs13006009	C	0.0276
rs114544424	A	-0.0693
rs4851620	A	-0.0192
rs13424032	A	0.0269
rs76086418	A	0.0519
rs3732140	C	-0.0137
rs35624252	G	-0.0667
rs887987	T	0.0462
rs1119384	C	0.0135
rs72855186	T	0.0323
rs142981763	A	0.0576
rs34522563	G	-0.0166
rs72814013	A	0.0325
rs114790411	A	-0.0897
rs11465726	A	0.0715
rs7575898	G	0.016
rs111519052	A	-0.0711
rs77960964	C	0.0394
rs55651236	A	-0.0653
rs114417398	A	0.1142
rs55900433	T	0.1024
rs2552531	G	0.0356
rs2916482	G	-0.0252
rs148403198	G	0.093
rs114131805	C	-0.0678
rs4665429	C	-0.0154
rs11689341	C	-0.0174
rs77148839	T	0.0279
rs114222106	T	0.0626
rs57988266	G	0.0152
rs113998983	T	0.0387
rs13013000	T	-0.034
rs77479326	T	-0.079
rs80297339	C	-0.0457
rs6735600	T	-0.0157
rs62133408	T	0.0825
rs78938732	A	-0.0455
rs79966882	A	-0.0518
rs74717592	T	0.0704
rs76673257	C	-0.0331
rs4972753	C	-0.0186
rs77619125	T	-0.0275

rs79715244	A	0.0498
rs79784973	A	-0.0405
rs62115055	A	0.022
rs144777495	A	-0.0627
rs139307982	A	0.0589
rs72862355	A	-0.0308
rs207427	A	-0.0304
rs10176080	A	-0.0208
rs79555371	A	0.057
rs77111681	T	0.0425
rs67169769	C	0.0165
rs4665216	G	-0.0162
rs13017571	C	-0.0146
rs12467529	A	-0.0221
rs148216722	T	0.0418
rs13027423	C	0.0154
rs78478619	C	-0.1156
rs72985163	A	0.0426
rs114522954	A	-0.0835
rs72781576	C	-0.0482
rs76511998	T	-0.0304
rs11892590	A	-0.0149
rs13406328	G	-0.0683
rs35208610	C	-0.1138
rs11692640	G	-0.0212
rs114459154	T	-0.1127
rs114091668	G	0.0779
rs11694037	G	0.0138
rs141801111	T	0.0692
rs2241526	C	0.0161
rs143986788	G	0.0657
rs6544001	A	0.0247
rs61695679	T	-0.0314
rs28541574	T	0.045
rs7566798	T	0.0264
rs80216234	T	0.0365
rs2121393	C	0.0142
rs2882974	T	0.0137
rs2193192	A	0.0365
rs2219086	G	-0.0207
rs62123836	A	0.0375
rs77769834	C	-0.0792
rs2197542	T	-0.0211
rs13005998	A	-0.0431
rs6755582	C	-0.0422
rs17793878	A	0.0256
rs114137055	A	-0.0444

rs76784634	T	-0.0321
rs17396090	G	0.1101
rs2029088	T	0.0219
rs150399160	A	-0.0793
rs7573877	G	0.0148
rs34848618	C	0.0154
rs28545273	A	0.0914
rs116029714	G	0.0844
rs62171795	A	0.1027
rs13403020	A	-0.0196
rs62172869	T	-0.0144
rs2350817	T	-0.0149
rs35525119	G	0.1089
rs116128716	T	0.0573
rs56169654	T	-0.0453
rs115028376	A	0.1075
rs114249801	T	0.0544
rs112023242	C	0.0904
rs114285023	C	-0.0407
rs11899873	T	0.0225
rs58723182	C	0.0314
rs6742629	G	0.0346
rs114698213	T	0.1175
rs2919878	T	-0.0198
rs72772201	T	-0.0655
rs148650026	A	-0.0338
rs13032621	A	0.0415
rs12986467	A	0.0372
rs17385479	A	0.0202
rs67041405	A	-0.1189
rs72931013	C	-0.0755
rs76892855	A	0.0484
rs142505578	A	0.0553
rs4852262	T	0.0263
rs113883634	T	0.0705
rs11887953	C	0.0165
rs114882057	G	0.0522
rs72817639	T	0.0453
rs116613673	A	-0.0627
rs4337431	T	0.026
rs116220564	G	-0.0597
rs77415428	T	-0.0556
rs148113723	A	0.0531
rs114124859	G	0.1188
rs2346135	T	0.0142
rs672080	C	0.0523
rs73005333	C	-0.0581

rs10490185	T	-0.0221
rs78790389	A	0.0497
rs11125049	A	-0.0156
rs2969615	C	-0.0147
rs142489095	T	-0.0859
rs75611064	T	0.0662
rs11678026	T	-0.0213
rs79175194	A	0.038
rs116045119	C	0.06
rs78752740	G	0.034
rs72773291	A	0.0231
rs71418774	G	-0.0835
rs75088951	G	-0.0389
rs10208904	T	-0.0165
rs4852787	A	-0.0137
rs55953511	A	0.05
rs72838440	C	0.081
rs16847639	G	0.0475
rs968098	C	0.0249
rs75334345	T	0.0542
rs4625932	G	0.0302
rs12614484	C	0.0184
rs57553177	A	0.0201
rs13029421	T	0.0348
rs6718437	G	-0.0201
rs12989780	A	0.0265
rs138830545	A	-0.1029
rs78723764	A	0.0887
rs77182426	C	-0.0455
rs115759284	G	0.0716
rs17006436	A	0.0313
rs4524131	T	-0.0348
rs78328042	C	-0.0592
rs116250443	C	-0.0762
rs72949165	G	0.0859
rs7604613	C	-0.0164
rs145466849	A	-0.0642
rs6724996	G	0.032
rs116434328	C	-0.0531
rs6436796	T	-0.0199
rs10210475	C	0.0254
rs55813796	T	-0.0376
rs62114615	C	-0.0268
rs56035453	G	-0.0302
rs12052213	G	-0.0294
rs11691445	C	0.0887
rs3917386	C	0.0693

rs74454061	G	0.0878
rs10179973	C	-0.0136
rs79779973	G	-0.0462
rs114081538	T	0.0439
rs72782736	T	-0.056
rs35528068	A	0.0505
rs78072984	C	0.0597
rs59017654	G	0.0484
rs6752945	C	0.0268
rs72813046	G	-0.1295
rs113631405	T	0.051
rs75346744	G	0.0466
rs68069354	G	0.0301
rs13422541	G	-0.0211
rs76617154	T	0.0619
rs17788997	C	-0.0512
rs74612536	A	0.0445
rs10186957	C	0.0183
rs150910797	T	0.0994
rs55802452	T	-0.1197
rs12470008	G	0.0253
rs16841529	T	-0.0509
rs116190745	T	0.1106
rs2008002	T	0.0758
rs113052370	C	-0.1119
rs10201403	A	0.0842
rs147745261	A	-0.0852
rs16867384	C	-0.0171
rs4953258	T	-0.0238
rs112869501	T	0.0418
rs62179787	A	0.1327
rs17210439	T	-0.0857
rs1649569	T	0.0144
rs115654908	G	-0.0613
rs115281428	T	-0.0602
rs35909082	T	0.0174
rs10210371	T	0.0588
rs78933364	G	-0.0471
rs17503548	A	-0.0325
rs62164282	C	-0.0198
rs140736199	A	0.0629
rs56321223	A	0.0992
rs116123759	T	0.0491
rs2029998	G	0.0149
rs4666069	T	-0.0473
rs78299278	A	0.0623
rs72791279	T	0.0255

rs75635408	C	0.0594
rs1595575	T	-0.0428
rs80308779	C	-0.0312
rs13427136	C	-0.0311
rs10496306	C	0.0163
rs74618416	A	0.0338
rs74748900	C	0.061
rs17557755	T	0.0318
rs10932789	A	0.0198
rs6728781	T	0.0369
rs1866658	A	0.0149
rs7564218	T	-0.032
rs115312544	A	-0.0603
rs4384784	G	0.0291
rs147641351	C	-0.0667
rs9636264	A	0.0168
rs78957829	A	-0.0566
rs17385012	T	0.0342
rs78655618	A	-0.0833
rs114395131	T	0.0913
rs149068729	T	0.0437
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rs72769355	C	-0.037
rs144104716	A	-0.058
rs146726981	T	-0.0692
rs7570849	T	-0.0134
rs149769995	G	-0.0701
rs755817	T	0.035
rs78291325	C	0.0881
rs6740301	T	0.0225
rs13019199	A	0.0141
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rs61560333	G	0.0168
rs78891445	C	-0.0415
rs75178377	T	-0.0684
rs13428669	A	-0.0142
rs6761955	G	0.0156
rs7599875	A	0.0132
rs3887578	A	0.0161
rs79198669	T	0.0442
rs6547908	C	0.0387
rs75074012	G	0.0731
rs145262087	C	-0.0506
rs77438590	C	0.0775
rs6723519	C	0.0428
rs7572175	G	0.0284

rs114216338	A	0.0552
rs35488249	C	-0.0168
rs148013191	G	0.0696
rs330584	C	-0.0181
rs116573705	T	0.065
rs4621133	A	0.0188
rs4546005	C	0.0365
rs140496024	A	0.0404
rs1369242	C	-0.0304
rs74993073	G	-0.0515
rs6705667	A	0.0132
rs13430085	A	-0.0254
rs79889307	C	0.0727
rs4667186	T	0.0243
rs140224155	C	-0.1235
rs6748809	C	0.015
rs4368280	G	-0.0167
rs13021768	T	0.0768
rs60307773	A	-0.0356
rs59098932	T	0.0558
rs17394359	A	-0.0134
rs149148283	A	-0.0573
rs17467483	G	0.0264
rs1882605	T	-0.0881
rs55910082	C	0.0906
rs1441099	G	-0.0146
rs146458680	T	0.0401
rs13407724	T	-0.0373
rs6544079	T	-0.0154
rs77637988	C	0.0167
rs6752610	T	0.0144
rs147789832	G	0.0771
rs114122139	T	-0.1114
rs34936178	C	0.0185
rs75395645	T	0.0808
rs10203538	C	-0.0256
rs4233725	A	-0.041
rs58824895	T	-0.0243
rs17660913	G	0.0197
rs3845669	T	0.0196
rs1962142	A	-0.0223
rs57831924	T	0.0921
rs6725841	T	-0.021
rs72812472	A	0.023
rs35268716	C	-0.0174
rs115901379	G	-0.0688
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rs114086261	A	-0.0559
rs114428146	T	-0.046
rs80283800	A	0.0314
rs73918455	G	-0.0272
rs13029485	T	0.0202
rs147326848	A	0.0839
rs145885528	A	-0.0458
rs62195414	T	-0.0756
rs10495481	C	0.0197
rs1257177	C	0.0183
rs72984229	C	0.0469
rs3860432	C	0.0145
rs35120913	C	0.0169
rs2130309	A	0.0497
rs75739351	T	-0.0342
rs62110541	T	0.0527
rs115960293	T	0.0682
rs10930870	C	0.0142
rs147224383	C	-0.0981
rs115754674	G	0.037
rs57055790	A	0.0525
rs7597008	A	0.0565
rs1861441	G	0.0184
rs2163203	C	0.014
rs150722257	A	0.028
rs77883685	C	-0.0384
rs1192386	G	-0.02
rs74414776	A	0.1073
rs143175669	C	0.0736
rs78033088	A	0.0609
rs1546669	C	0.047
rs112383848	C	-0.0738
rs1969503	A	-0.0137
rs61671894	T	-0.0449
rs10199477	C	0.0363
rs12612463	T	-0.0159
rs71417307	G	0.0591
rs4953882	A	0.0174
rs115363563	A	-0.0869
rs499476	G	-0.0193
rs34732144	T	-0.02
rs16856793	G	-0.0512
rs116061443	G	-0.063
rs6546060	C	0.0184
rs4480978	G	0.0213
rs10198958	A	-0.0206
rs55649028	A	-0.0542

rs116216182	G	-0.0306
rs3997877	C	-0.0241
rs17367549	G	0.0327
rs6707939	A	-0.0177
rs11678951	C	0.014
rs62189530	A	0.0199
rs55732095	T	-0.0318
rs6433859	A	0.0624
rs62176017	T	-0.0318
rs771323	T	-0.0186
rs62150740	A	0.0311
rs114179847	T	0.1095
rs13026098	C	0.0867
rs75989971	G	0.0656
rs12611837	A	0.0135
rs113444801	T	0.0196
rs11674253	C	-0.0141
rs73917739	A	-0.0525
rs145719816	A	-0.0389
rs112134674	G	-0.1123
rs17319199	A	-0.0433
rs146077968	T	-0.0618
rs79345897	C	0.0442
rs17015378	A	-0.0329
rs992920	G	-0.0836
rs1114121	T	0.0276
rs150028852	T	0.0875
rs144393013	A	-0.0427
rs1968758	T	0.0192
rs77440716	G	0.0604
rs62106977	T	-0.0473
rs1404256	A	-0.0156
rs848596	T	0.0133
rs141108260	G	0.0204
rs79861226	G	0.0522
rs35896030	C	0.0248
rs138490701	C	0.0637
rs6748118	C	-0.0363
rs72831078	G	-0.0206
rs6433229	G	0.131
rs147381394	C	0.0623
rs12619373	T	-0.0164
rs16849936	C	-0.0417
rs28635012	G	0.0151
rs7592223	G	-0.0145
rs4669179	T	-0.0196
rs12471179	C	0.0244

rs6717032	T	-0.0187
rs149742455	G	-0.0427
rs73007205	C	-0.026
rs12473406	C	0.0456
rs57430651	C	0.0251
rs57325148	T	0.0541
rs10172357	A	0.0133
rs140919227	T	0.0714
rs139391351	C	0.0647
rs78989095	A	0.0369
rs139101953	A	-0.0349
rs143716658	A	0.0841
rs1850138	A	0.0145
rs141687622	G	-0.0752
rs113314762	G	-0.1092
rs7597795	G	-0.0176
rs80276827	T	0.0505
rs10169988	G	-0.0174
rs76468191	C	-0.0465
rs60019207	C	0.0372
rs112804331	A	-0.0659
rs35267817	C	0.0573
rs7608119	C	0.0498
rs4832175	T	-0.0136
rs2034219	G	0.0268
rs72815890	A	-0.0224
rs17034798	C	0.0447
rs114899169	T	-0.0675
rs3821129	C	-0.0587
rs11902101	G	0.016
rs10166236	A	0.0207
rs13408170	G	-0.0254
rs72838535	G	-0.1071
rs62174281	C	0.0224
rs16823012	T	-0.0214
rs62180440	G	0.0453
rs138877763	T	-0.025
rs72774955	G	0.0517
rs139539754	A	0.0492
rs17202778	C	0.0171
rs72766412	T	-0.0167
rs74725642	A	-0.0503
rs76138743	T	0.0861
rs11686290	A	0.0134
rs80291098	A	-0.0508
rs7605442	A	-0.0248
rs11126327	G	0.0193

rs76397081	G	0.0556
rs78840026	A	0.0924
rs10180401	G	-0.0158
rs115595309	A	0.0385
rs71437604	C	0.0679
rs62186450	A	-0.0217
rs849575	G	0.0196
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rs72766378	C	-0.058
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rs78512212	T	-0.0841
rs62184739	A	-0.0166
rs7605546	T	0.0197
rs12465117	G	-0.0141
rs145716327	T	0.0939
rs114579880	G	-0.0546
rs7562380	A	-0.0168
rs16856415	A	0.0237
rs2602629	A	-0.0131
rs139815878	C	0.0501
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rs62617140	A	-0.0324
rs4605309	C	-0.0228
rs6715589	T	0.0139
rs17275498	C	-0.0209
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rs17655204	A	0.023
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rs2541391	A	0.0396
rs75137111	T	0.0767
rs6436530	C	0.0742
rs2359732	C	0.0281
rs140676258	T	-0.103
rs75933553	T	-0.0543
rs73938420	A	-0.0185
rs114051586	C	0.0468
rs77011221	C	0.0907
rs4553824	G	-0.0207
rs17323740	G	-0.0487

rs11692350	C	0.0506
rs142257622	C	0.0476
rs62188071	A	0.0209
rs6755995	G	-0.021
rs2371275	C	0.0152
rs2217160	A	-0.0149
rs74855351	C	0.0249
rs75944971	T	-0.0516
rs138452194	T	0.0579
rs80332816	A	-0.0354
rs146367186	T	-0.0547
rs75711712	T	-0.1222
rs17568679	T	0.018
rs1733575	C	-0.0128
rs112684431	C	-0.0742
rs4952771	T	0.0141
rs116664677	T	-0.06
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rs75374194	T	0.0787
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rs11901615	T	-0.014
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rs116391057	A	-0.061
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rs78677419	T	-0.0532
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rs75774557	A	-0.0492
rs78998266	T	-0.0475
rs78804199	T	0.0803
rs61598202	G	-0.0168
rs3138112	A	0.0164
rs116466388	G	-0.0489
rs10518819	T	0.0145
rs12616005	T	0.0142
rs113726161	C	-0.0372
rs12988353	C	-0.0238
rs79640770	G	-0.0812
rs6740197	G	-0.0152
rs12998246	C	0.015
rs74659389	C	-0.0299
rs151271221	T	-0.0878
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rs76190951	C	0.0305
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rs4972254	T	0.0985

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rs6743428	A	0.0338
rs79134909	T	0.1168
rs4851052	A	-0.015
rs73157318	T	-0.0579
rs13427957	T	0.014
rs16855357	T	-0.0223
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rs1454540	C	-0.0407
rs75583513	A	0.0534
rs116779159	A	0.0585
rs56329445	T	-0.0222
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rs114335617	T	0.0892
rs116197353	T	0.0704
rs112553534	T	-0.0655
rs1025109	C	0.0248
rs138255475	C	0.0722
rs17823305	C	-0.0615
rs143312481	T	-0.0599
rs142026456	G	-0.0483
rs13412953	C	0.0689
rs72968586	T	0.0362
rs2013672	C	-0.0225
rs6715671	C	0.0237
rs72842104	A	0.0225
rs17479253	A	-0.0626
rs114934306	C	-0.0516
rs12995036	T	0.0202
rs10189473	C	0.0464
rs77710985	G	0.0998
rs849509	A	0.0557
rs13018322	A	-0.0318
rs116422160	T	0.0539
rs62175885	C	0.0319
rs145843061	A	0.0707
rs7585001	C	0.0248
rs148463193	C	0.0636
rs17714601	G	0.023
rs11684016	T	0.0438
rs74888291	G	-0.1216
rs114138631	A	-0.0849
rs73089529	C	-0.0282
rs80111393	A	0.028
rs4663749	G	0.0169
rs13397527	C	0.036

rs74470658	T	-0.0416
rs111546039	C	-0.0767
rs2681021	C	0.019
rs2247662	T	-0.0157
rs75440878	C	-0.0681
rs77695439	T	0.073
rs76079223	T	-0.0496
rs72843921	T	0.0373
rs28910007	C	0.0198
rs55815151	T	-0.014
rs115385423	C	0.0288
rs7607360	G	0.0143
rs78064189	C	0.0255
rs6707739	A	0.0161
rs149739676	G	-0.0766
rs76980943	A	0.0555
rs111829457	T	-0.0869
rs2953083	A	0.0134
rs145376304	A	0.0938
rs72800975	C	0.0289
rs28967894	C	0.0456
rs10207672	C	-0.014
rs10930176	T	-0.0211
rs263305	A	-0.0395
rs2256358	C	0.0232
rs12611914	T	-0.0866
rs13426913	C	0.0172
rs62184311	C	0.0173
rs61636628	G	0.0816
rs13416843	C	-0.0185
rs12373769	T	-0.0163
rs75570423	A	-0.0753
rs35197592	A	0.0223
rs115938241	A	-0.0602
rs7573645	C	0.0136
rs141248610	T	-0.0343
rs4672621	A	0.0131
rs62118400	A	-0.0329
rs76863653	T	-0.0375
rs12463859	G	-0.0474
rs74668856	G	0.0412
rs11676181	T	-0.0297
rs250921	C	0.0151
rs111454083	T	-0.1011
rs114548389	T	0.0931
rs143236447	G	0.0679
rs17033000	C	0.051

rs145693741	A	0.051
rs115252496	A	0.0682
rs1008725	A	0.0141
rs112382273	T	-0.0649
rs6747003	A	0.0157
rs80087929	T	0.0466
rs72795165	G	0.0378
rs77310760	G	-0.0359
rs17712582	T	0.0284
rs16856918	A	0.0636
rs12619615	C	-0.0185
rs34992020	C	0.0225
rs58933792	C	-0.0306
rs13006411	C	-0.0233
rs5024713	A	0.0161
rs77065176	A	-0.038
rs10490591	G	-0.0233
rs111729922	C	-0.049
rs111291408	A	-0.0167
rs17378713	C	-0.0321
rs2594505	T	0.0175
rs1356067	G	0.0138
rs1949571	A	-0.0662
rs1506564	T	0.0186
rs72793615	C	-0.0412
rs10221828	G	-0.0465
rs10172034	C	0.0152
rs893410	A	0.0184
rs12473851	T	0.0149
rs113955454	G	-0.0361
rs1404139	A	0.0438
rs72832366	A	0.0447
rs148389640	T	0.0879
rs1112069	C	-0.0304
rs57299379	A	-0.0339
rs13347170	A	-0.0152
rs79582078	A	0.0681
rs72974957	C	-0.0321
rs115803108	C	0.0708
rs62179383	T	0.0813
rs72977886	G	0.06
rs77611446	T	0.0644
rs13009495	A	-0.0204
rs144585885	T	-0.0725
rs12470523	T	0.0572
rs75286889	A	-0.0811
rs116554316	A	-0.0524

rs113837129	T	0.0255
rs56289152	C	0.0604
rs115211622	T	0.0725
rs17419343	T	-0.0271
rs72771806	T	0.0265
rs72854266	G	-0.0204
rs146463941	A	0.0934
rs831021	T	0.014
rs17448436	T	0.0483
rs114835598	C	-0.0474
rs6723526	C	0.0228
rs73072140	C	0.0684
rs72784218	A	-0.0894
rs72801966	C	-0.0261
rs115317473	A	-0.0384
rs17454872	T	0.0194
rs139509357	G	-0.0633
rs112676177	A	0.0731
rs115035921	A	0.0726
rs2595216	T	0.0507
rs115156451	A	0.0569
rs7424363	G	-0.0283
rs72873854	G	0.033
rs143132751	A	0.0176
rs115619116	A	-0.0435
rs343156	T	0.0176
rs72782374	T	0.0556
rs10195571	T	0.0691
rs12993676	C	-0.1163
rs4665554	T	0.0142
rs1860767	T	-0.0278
rs13035744	C	-0.0152
rs7578780	G	0.0129
rs11127426	A	-0.0199
rs61656332	G	-0.0207
rs1437734	T	0.022
rs115255501	T	-0.0902
rs3908093	G	-0.0137
rs12465619	G	-0.0328
rs116464331	G	0.0389
rs76394127	T	-0.0576
rs6437106	T	-0.0452
rs75546378	A	-0.0394
rs143859108	G	0.0623
rs7570440	A	0.0446
rs12479161	C	-0.0165
rs6543296	T	-0.0144

rs137872499	C	-0.0643
rs78218896	T	0.0625
rs148628056	G	0.0513
rs111920801	A	0.0685
rs116262786	C	0.0683
rs148004386	A	0.0635
rs4953874	T	-0.023
rs115123837	A	-0.0323
rs78365770	C	-0.061
rs71413688	G	0.0429
rs146518178	C	-0.0672
rs11688269	C	-0.0148
rs2461773	A	-0.0652
rs3915887	C	0.0133
rs115818735	A	-0.0758
rs73952184	T	-0.0416
rs3791328	T	0.0553
rs16854499	T	-0.051
rs72872826	A	-0.0658
rs72809030	T	-0.0359
rs62186144	C	0.1248
rs13428470	A	0.0206
rs72962580	C	-0.0655
rs56120917	A	-0.0222
rs12470754	C	0.0283
rs10495705	T	-0.013
rs62148410	T	0.0186
rs115996250	A	-0.0337
rs76148698	A	-0.0608
rs75384632	T	-0.0398
rs150826150	A	0.0464
rs76874460	C	-0.0831
rs77585871	A	-0.0286
rs72815128	C	0.0562
rs16861891	T	0.0297
rs2034411	T	-0.0139
rs72787255	G	-0.0394
rs72853679	C	0.0695
rs149456251	G	0.0719
rs75840527	A	-0.0611
rs75448123	C	0.0405
rs2197697	A	-0.0704
rs150214694	A	0.0577
rs57501745	G	-0.0157
rs1134119	C	-0.029
rs74640443	A	-0.0673
rs115282287	A	0.0345

rs113181818	A	-0.1004
rs11684654	A	0.0745
rs6740930	G	-0.0177
rs10193345	G	-0.0939
rs1814414	A	0.0157
rs17320179	T	-0.1006
rs59650755	A	0.0218
rs17267869	C	-0.0189
rs59913800	G	-0.0157
rs75412682	G	0.0382
rs1521939	G	0.0177
rs13407916	A	-0.0164
rs2216326	G	0.0129
rs116486031	T	-0.0413
rs35135518	C	-0.0248
rs13012044	C	-0.0193
rs6739657	G	-0.0671
rs78999631	T	0.0418
rs6432765	C	0.0136
rs114240574	G	-0.021
rs11680323	G	0.0237
rs139875164	A	0.0679
rs77686931	T	0.0838
rs112805541	G	-0.0243
rs7590649	T	-0.0165
rs825288	C	0.0363
rs76623151	A	0.0564
rs115308256	C	0.0409
rs145631003	C	-0.0577
rs4671622	C	0.0198
rs12991894	T	-0.0198
rs72769303	A	-0.0906
rs7601924	A	-0.0149
rs112013417	G	-0.0576
rs77712319	G	0.0403
rs13422623	T	0.0307
rs56143011	G	-0.0351
rs1148953	A	-0.0519
rs116702219	T	-0.0579
rs143942231	A	-0.0506
rs115658569	A	0.0861
rs116547836	T	-0.0547
rs6724398	C	0.0695
rs17233255	G	0.0419
rs16856949	C	0.0639
rs6729915	G	-0.0141
rs115365287	C	-0.0321

rs10170312	C	0.0164
rs140748105	C	0.0829
rs759433	A	-0.0127
rs3917335	T	0.0324
rs4632361	G	-0.013
rs7600457	G	0.0128
rs779988	T	0.0135
rs17324515	T	0.0139
rs115916649	G	-0.0363
rs6712996	C	0.0163
rs17463173	A	-0.0177
rs75648604	T	0.0578
rs3795877	G	-0.0154
rs1869091	C	-0.0164
rs72988200	G	0.0632
rs71422163	A	0.0459
rs6542401	C	0.0777
rs79030113	G	-0.0617
rs116600021	T	-0.0438
rs6745675	T	0.0145
rs80350499	A	-0.0942
rs78952266	A	-0.036
rs79891133	A	0.0594
rs1900234	C	-0.0162
rs12692206	C	0.0163
rs78654962	A	0.061
rs17044109	G	0.0264
rs10184676	G	0.0261
rs77352982	A	-0.0327
rs72846730	T	-0.0383
rs73053723	C	0.0592
rs77680559	C	-0.0291
rs143823497	C	-0.0627
rs13386098	T	0.0477
rs13004793	A	-0.0405
rs11688774	C	-0.0238
rs116480340	G	-0.0718
rs55758238	A	0.0684
rs114013221	C	0.0589
rs60430757	A	-0.0201
rs114704198	T	0.0293
rs7577931	T	0.0164
rs138652415	T	0.0754
rs116518256	T	-0.0288
rs11899341	G	-0.0165
rs1865235	G	-0.0161
rs75876447	C	0.0379

rs6544017	T	-0.0151
rs6547153	G	-0.0158
rs11683762	T	0.0135
rs79057543	A	0.0799
rs144468596	G	-0.0557
rs13011162	A	0.0419
rs143919480	C	0.0153
rs77341182	A	0.0214
rs55752248	A	-0.0688
rs111838682	C	0.0586
rs9653196	A	0.0289
rs113289465	C	0.0847
rs145560233	C	0.0323
rs77882592	T	0.0507
rs6750149	G	-0.0174
rs149939228	A	-0.0709
rs12329123	A	0.0147
rs58645709	T	-0.0173
rs1921613	T	0.0352
rs72812146	C	0.0234
rs11694161	C	0.0815
rs4407237	T	-0.0251
rs12474381	G	-0.0337
rs76362302	A	-0.0704
rs12476958	A	0.0286
rs72782596	C	0.072
rs2121926	G	0.0415
rs16865364	G	0.0708
rs1588402	A	0.0184
rs72798617	C	-0.0666
rs72935399	A	0.1124
rs16863831	C	-0.0172
rs7594102	C	0.014
rs76535759	A	-0.0424
rs55659243	A	0.0503
rs74754283	A	-0.0661
rs587139	C	-0.0208
rs72973275	T	-0.1138
rs10182066	G	-0.0287
rs114477554	A	-0.0782
rs62153464	C	-0.041
rs12991354	A	0.0459
rs11125059	T	0.0182
rs77960721	A	-0.0606
rs116826288	A	0.0291
rs6732302	T	0.0142
rs13031438	T	-0.0698

rs72851476	C	-0.0275
rs116351802	T	-0.0942
rs7579191	A	-0.0152
rs45596438	A	0.0702
rs4339012	G	0.0481
rs718850	T	-0.0126
rs78012012	G	0.0659
rs12617194	T	0.0496
rs41265549	G	-0.0898
rs149278148	C	0.0514
rs1861773	C	-0.0145
rs6741206	G	0.0892
rs115127645	C	-0.0544
rs4490174	A	0.0177
rs11679312	T	-0.039
rs62171895	T	-0.0181
rs34790028	C	0.0156
rs3816096	G	0.0146
rs116054627	A	0.0214
rs79917820	T	-0.0553
rs112926802	G	0.0332
rs80166380	C	0.0229
rs13402456	T	0.0383
rs1464033	T	0.0145
rs28763879	C	0.0615
rs4663185	A	0.0138
rs28439459	T	0.0351
rs45472492	T	0.0449
rs2288100	T	-0.0171
rs79709502	G	-0.0209
rs57565563	T	-0.0233
rs62168391	T	-0.0657
rs150931967	A	0.087
rs13418118	C	0.0169
rs67756598	T	-0.0307
rs58644007	G	0.0953
rs35654639	T	0.0259
rs146139372	T	0.0813
rs7605298	T	-0.058
rs74640748	T	-0.0742
rs115007759	T	-0.0358
rs72845872	A	0.0439
rs3956512	A	0.0132
rs114246516	C	-0.0716
rs6713945	G	0.02
rs6751590	A	-0.0132
rs111423051	T	-0.0839

rs1554704	T	-0.0132
rs75302181	G	-0.0321
rs113700204	A	-0.0938
rs147910101	T	-0.036
rs151185316	T	-0.0557
rs71417238	T	0.0494
rs12473577	G	-0.0134
rs10496597	T	-0.0227
rs13022350	A	0.0612
rs34820210	G	-0.0573
rs78718201	T	0.0469
rs112711136	T	0.0788
rs4299339	G	0.0141
rs17874950	A	-0.0263
rs6754193	T	0.0618
rs73958924	A	0.0323
rs62151282	A	0.0443
rs73074634	G	0.052
rs80042511	C	0.0671
rs1509521	A	0.0173
rs16843303	A	-0.0198
rs12471222	G	0.0208
rs115802547	T	0.0542
rs76702147	T	0.0552
rs116345518	T	0.0544
rs721491	G	-0.0859
rs1178	C	-0.0552
rs79122914	C	0.046
rs111825872	A	0.0688
rs113701518	A	0.0311
rs10185229	C	0.0151
rs11127094	T	-0.0136
rs298915	G	-0.014
rs79553538	C	0.0251
rs6433233	A	0.1011
rs4676426	C	0.0157
rs75750532	A	-0.021
rs1492550	T	0.0863
rs2919872	T	0.013
rs13423600	T	0.0147
rs10191189	T	0.0395
rs10207133	A	-0.0139
rs148021266	G	0.0541
rs145837005	A	-0.0793
rs114299468	A	0.1202
rs74469198	A	-0.0769
rs80281747	A	-0.0844

rs6749371	T	0.0265
rs12472632	C	-0.0168
rs12468517	G	0.0196
rs78297861	A	-0.0444
rs77656785	G	0.055
rs113941644	C	0.0231
rs11693629	T	0.0137
rs12151596	A	-0.0327
rs149139909	A	-0.0882
rs142648815	T	-0.0734
rs140589636	A	0.0362
rs10210720	T	0.0634
rs145280522	G	0.0614
rs13018626	T	0.0255
rs114291542	G	-0.1026
rs79363547	G	0.0418
rs80349864	C	0.0802
rs12999858	T	0.024
rs112831787	T	0.0713
rs11884807	T	-0.0478
rs78473089	C	-0.0566
rs13007944	G	0.0386
rs75275413	T	-0.0461
rs10865447	C	0.0146
rs10929814	A	0.0223
rs10185075	A	0.0493
rs143654179	C	0.0429
rs6760980	G	0.0491
rs59555562	T	0.0466
rs72793564	T	-0.0132
rs140730450	C	0.077
rs4849305	T	-0.0172
rs73996035	C	-0.0337
rs141110508	T	0.0443
rs12104489	T	0.014
rs75287083	T	-0.033
rs115676477	T	0.0659
rs16985807	A	0.0351
rs77327606	T	0.0451
rs77987410	A	0.048
rs66938001	A	-0.0164
rs12471713	C	-0.0249
rs28427244	T	-0.0186
rs75986540	T	-0.0453
rs6705691	A	-0.0209
rs115342582	G	-0.0513
rs75894560	T	-0.0783

rs7587206	T	-0.0208
rs4630793	T	0.0294
rs75777969	C	0.1003
rs142630710	A	0.0488
rs73998881	T	0.0607
rs1836670	T	0.0313
rs11695756	G	0.0415
rs142924842	G	0.0422
rs35464053	G	0.0293
rs17691980	A	-0.0261
rs72887544	G	-0.0203
rs115728924	A	-0.0896
rs10928126	T	-0.0209
rs78367654	A	0.0326
rs143072897	T	0.0619
rs7574767	G	-0.0411
rs55865386	T	-0.0553
rs62188701	T	0.0429
rs11686069	T	-0.0175
rs12474000	T	0.0371
rs702879	T	-0.0492
rs150802141	G	0.0525
rs9808246	T	0.0145
rs147673371	C	0.0413
rs10202567	C	-0.0126
rs1250905	G	0.0202
rs17441578	T	-0.0333
rs141000655	A	-0.0695
rs12052354	G	0.0388
rs55694696	C	-0.0534
rs4952997	G	0.015
rs12992088	T	0.0488
rs72789480	T	0.0199
rs71436153	A	-0.1129
rs72823234	T	0.0363
rs55941552	A	-0.0451
rs7585355	T	0.0214
rs1439669	G	-0.0128
rs143741539	A	0.0886
rs71429718	T	-0.0172
rs2047875	C	-0.0128
rs75877460	C	0.0274
rs114073162	T	0.0851
rs76554691	G	0.0245
rs72828033	C	-0.0241
rs17375180	T	0.0175
rs35127434	C	-0.0352

rs114284848	G	0.0567
rs75691120	G	-0.0492
rs62132338	G	-0.0137
rs143085567	C	-0.0629
rs115805563	G	-0.033
rs13421628	C	0.0259
rs116181878	A	0.0667
rs12472650	T	-0.0274
rs10186509	G	-0.02
rs62142360	C	0.0546
rs785033	C	0.0162
rs1438021	C	0.0193
rs113447564	T	-0.0184
rs115408525	A	-0.0504
rs785242	A	0.0132
rs11686233	G	0.0202
rs76097880	T	-0.0362
rs78265967	A	0.0364
rs139403330	A	-0.0695
rs6739742	T	-0.0202
rs11686690	T	0.0148
rs356651	C	0.0168
rs17798163	A	-0.0538
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rs2163050	A	0.0177
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rs79558071	C	0.0387
rs114617574	C	0.0645
rs71439124	A	0.0523
rs79843355	C	0.0462
rs78583246	C	-0.0636
rs113442587	C	-0.0605
rs17802099	A	-0.0201
rs79184043	T	-0.058
rs2705579	C	0.0128
rs147412692	G	-0.0483
rs6718291	A	-0.0132
rs6704667	G	0.0213
rs56271447	C	0.0379
rs6750912	T	-0.0256
rs6716522	A	-0.0256
rs11693028	T	0.0215
rs116825000	A	0.0486
rs10490417	A	0.0156
rs143492748	T	0.0605
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rs4954048	T	0.0132
rs74659040	G	-0.0496
rs74812585	G	0.0952
rs79706376	T	-0.0639
rs62127653	T	0.0189
rs79117589	T	-0.0535
rs62167013	A	-0.0174
rs6713324	C	0.0126
rs12692251	C	-0.0402
rs921136	C	0.0445
rs140612152	C	-0.0601
rs75893073	T	0.0709
rs929676	A	0.0126
rs73096796	A	0.0412
rs75738600	G	-0.1033
rs17028085	T	0.0222
rs1918086	A	-0.0235
rs115928410	T	0.0735
rs115946875	T	0.0457
rs11689337	C	0.0135
rs149186112	G	-0.0699
rs1347502	C	-0.0215
rs11695507	G	0.0255
rs6706981	G	-0.0124
rs115981083	C	0.097
rs11683371	T	-0.0206
rs13404286	A	-0.0129
rs115344330	G	0.045
rs56717103	A	0.1237
rs45591431	C	0.0433
rs72818509	T	0.0448
rs62179945	C	0.054
rs115327370	A	0.0625
rs16856807	A	0.0195
rs10432547	C	0.0738
rs13006279	G	0.0131
rs1869415	C	0.013
rs140344793	A	-0.0561
rs11694911	T	0.0205
rs4662751	C	-0.0139
rs35365948	C	-0.025
rs6730348	C	0.0374
rs115295797	T	-0.0542
rs2944661	A	0.0178
rs6542256	C	-0.0207
rs6741251	T	-0.0363
rs56344680	C	0.0557

rs148805042	T	0.0983
rs28434042	T	0.0208
rs62167300	A	0.0688
rs72985806	A	-0.0326
rs79532872	G	-0.0721
rs7581382	C	-0.0171
rs3791372	T	0.0146
rs11890865	T	0.0289
rs6435321	A	0.0155
rs115737463	A	0.0813
rs147920850	A	-0.0579
rs58912751	A	0.07
rs75918851	C	-0.0693
rs35463408	C	-0.0238
rs142660176	T	-0.0483
rs1947667	T	0.0282
rs78778421	T	0.0606
rs62168185	G	0.0479
rs17014128	C	-0.0162
rs116104814	T	-0.1426
rs79754244	A	0.0194
rs12988630	T	-0.0162
rs116442483	A	0.1202
rs60687675	A	0.0272
rs1606266	G	-0.0123
rs13007173	G	0.029
rs11891318	G	0.0189
rs148588565	A	0.096
rs111580190	A	-0.0372
rs143821381	G	0.0682
rs34559328	C	-0.0273
rs113499356	G	0.0354
rs17868178	T	0.0256
rs72842176	A	-0.0279
rs72791004	C	-0.0285
rs75557511	A	-0.0766
rs138772924	T	0.1044
rs62188582	C	-0.04
rs75893719	G	-0.0754
rs79857088	A	0.0744
rs62193703	T	0.0398
rs62151968	G	-0.0689
rs855023	C	0.0138
rs12692516	T	-0.014
rs12997981	T	-0.0372
rs78802652	A	0.0651
rs114964353	A	0.0817

rs76500598	A	-0.0833
rs143731626	T	-0.082
rs62181866	A	-0.0733
rs4663143	A	0.0145
rs72776823	A	-0.0784
rs77802161	A	-0.0509
rs6546474	T	0.0587
rs6755697	T	-0.0402
rs79001548	C	0.0703
rs114989643	T	0.0679
rs12712221	A	0.0125
rs73996642	T	-0.0643
rs61754180	C	-0.0229
rs75276619	T	-0.1301
rs17631680	C	0.0218
rs76069668	C	-0.065
rs79390884	A	-0.044
rs115661111	A	-0.0385
rs34205881	G	-0.0253
rs896605	A	0.0519
rs35650193	C	-0.018
rs78980244	G	0.038
rs72830876	T	0.0173
rs17305247	T	-0.0199
rs35182736	A	0.0444
rs72868667	C	0.0509
rs79723032	T	-0.0591
rs79020359	A	-0.0308
rs12471644	A	0.0292
rs150504004	T	-0.0677
rs34583316	G	-0.0501
rs79565137	A	-0.0347
rs58077938	G	0.0939
rs144505935	C	-0.1157
rs113300433	T	-0.0708
rs836595	C	0.0127
rs67332877	A	-0.024
rs72813316	C	-0.0453
rs150429403	T	-0.045
rs2406574	C	0.0178
rs151183543	C	0.0564
rs13016963	A	0.0125
rs79917868	T	0.0642
rs56276855	T	-0.0452
rs115081778	A	-0.0505
rs116000510	A	-0.0514
rs62170435	T	-0.0281

rs2381406	G	0.0136
rs77531866	T	0.0649
rs17726971	C	-0.0514
rs1526288	G	0.0124
rs17248088	C	0.0167
rs115232088	G	-0.0613
rs11902122	G	-0.0176
rs35548636	C	0.0167
rs6543626	T	0.0179
rs6543717	C	0.0138
rs79468790	A	0.0257
rs115207228	T	0.0846
rs1124787	C	-0.0125
rs72820917	C	-0.073
rs2375937	T	-0.0157
rs34021475	T	-0.0131
rs6414077	G	0.0136
rs13027284	A	-0.0652
rs1225101	A	-0.0167
rs148408744	C	0.0685
rs116384721	G	-0.0537
rs79850677	A	-0.0273
rs146816757	C	-0.071
rs72979183	A	-0.0413
rs6727093	C	0.0159
rs7601836	A	0.0121
rs113070302	T	-0.0555
rs76119111	T	0.0452
rs12105920	T	0.0452
rs34872955	T	-0.0165
rs79600712	G	0.0501
rs78955417	G	-0.0335
rs59850878	G	-0.0337
rs137906029	C	0.0739
rs114126349	G	-0.0481
rs80031519	G	-0.0699
rs115737054	G	0.0339
rs72977156	A	0.0189
rs78920093	G	-0.0354
rs114996083	A	0.074
rs58729508	A	0.0197
rs10181773	A	-0.0321
rs62158417	T	-0.0609
rs16828700	G	0.0351
rs114138678	A	-0.0957
rs74968020	C	0.0553
rs78717642	C	0.0396

rs264591	C	0.0128
rs10460432	T	-0.0557
rs36146170	G	-0.0204
rs6735549	A	0.0214
rs13015813	T	-0.0139
rs141858735	T	-0.0686
rs17224487	G	-0.0246
rs13016089	G	0.0185
rs11465732	T	-0.0252
rs35859027	T	0.0403
rs2043573	G	0.0219
rs115630801	A	-0.1294
rs10865488	C	-0.0124
rs7425164	T	-0.0136
rs57739605	C	-0.037
rs10176315	C	0.0173
rs6743458	A	-0.0308
rs7583963	C	0.0219
rs75012447	T	0.0599
rs115211457	C	0.0639
rs1965201	G	-0.0175
rs112823895	T	0.0702
rs2122250	C	0.0251
rs1865580	A	-0.049
rs57542943	C	0.0216
rs66492046	A	0.0126
rs144574504	T	-0.0596
rs77915599	C	-0.037
rs34124418	C	-0.0192
rs74887896	A	0.0461
rs77156645	C	-0.0752
rs56188815	A	-0.0145
rs78620068	A	-0.0241
rs12019160	C	0.0309
rs62139385	A	0.057
rs139679762	G	-0.076
rs112066730	A	0.0337
rs10929581	T	0.0126
rs76787598	C	0.0749
rs78945335	T	0.0205
rs35432737	A	0.0215
rs16831235	A	0.0166
rs12611562	C	0.0296
rs35643506	C	0.0668
rs2372594	A	-0.0583
rs35114671	A	0.0566
rs149355505	T	-0.0445

rs62116906	G	-0.038
rs2720123	T	-0.0157
rs11883723	A	0.014
rs115037585	A	0.0661
rs79410072	G	-0.0451
rs35019687	T	0.0299
rs4669089	G	0.0125
rs34147598	T	-0.093
rs62110553	A	-0.0253
rs406334	A	0.0152
rs10520062	A	0.0199
rs55727411	T	0.0183
rs115828243	C	0.0563
rs80285087	T	0.025
rs143573165	G	-0.1048
rs1434106	T	-0.0135
rs62129134	C	0.0279
rs56023102	T	0.068
rs145167155	C	-0.1091
rs75263017	T	-0.145
rs78521107	T	0.0351
rs113774217	T	-0.0627
rs2922343	T	-0.0165
rs34256085	G	-0.0326
rs115138392	T	0.0872
rs12617309	A	0.0529
rs146307120	A	0.0572
rs72966386	C	-0.0317
rs11504907	T	0.0303
rs13005618	T	-0.0629
rs62163606	T	-0.0348
rs146449425	G	-0.1148
rs72921086	C	0.0192
rs113734444	T	0.0659
rs115642713	T	-0.065
rs2646205	A	-0.0228
rs17742270	T	0.0505
rs2033750	T	-0.0124
rs77858359	A	0.0289
rs10497562	T	0.0239
rs60877678	T	0.0589
rs11683782	C	-0.0129
rs74670719	T	-0.0923
rs112793749	T	0.0451
rs4663033	G	0.0123
rs34437788	T	-0.0613
rs112232911	C	-0.052

rs13001645	C	0.0157
rs146354180	A	-0.0709
rs111320956	A	0.0265
rs147077410	C	0.0738
rs74853748	A	0.0473
rs142215557	C	-0.0465
rs114246968	A	0.0502
rs1824602	C	0.0216
rs114116138	T	0.062
rs78604845	T	0.0402
rs79519304	C	-0.0523
rs148004734	G	-0.0463
rs4673071	C	0.013
rs42539	T	0.0213
rs114885757	T	-0.0297
rs140128145	T	0.0478
rs77537682	T	0.0387
rs57764132	T	0.069
rs74435267	G	0.0765
rs12998514	A	0.0127
rs6731866	C	-0.0145
rs114006816	T	0.0449
rs2353179	G	-0.057
rs1649379	C	-0.0148
rs12373683	A	-0.0638
rs741283	A	-0.0173
rs74657534	C	0.0347
rs79727950	G	0.0346
rs62109681	T	0.038
rs4953406	G	0.0134
rs143660831	A	0.0855
rs10179521	C	-0.0235
rs79950062	C	-0.0189
rs6751578	A	0.0161
rs115605049	T	-0.0717
rs7599190	G	-0.0141
rs113672242	T	-0.0226
rs1993173	G	0.0134
rs13026308	A	-0.018
rs10195407	T	0.0169
rs116172923	T	0.0411
rs10211365	T	-0.0207
rs7580970	T	0.0397
rs6746530	T	0.0128
rs62149757	C	-0.0758
rs62179538	C	-0.0699
rs76223101	A	-0.0484

rs116101156	T	0.0599
rs9917188	A	-0.0251
rs114157860	C	-0.0688
rs10185549	A	-0.0124
rs6432084	A	0.0161
rs11690767	T	0.0302
rs59517491	T	0.019
rs76426109	C	0.0375
rs138219453	A	0.0778
rs2357551	T	0.0159
rs112971066	T	-0.0886
rs13385578	G	-0.0134
rs72859307	G	-0.0861
rs114874038	C	0.0612
rs113028182	A	-0.0513
rs143570693	G	0.0478
rs6714273	T	0.0128
rs7585046	G	0.0123
rs116382491	T	-0.0539
rs74393287	A	-0.1105
rs56679604	G	-0.0173
rs78764741	T	-0.0554
rs13030456	C	-0.0135
rs4241258	T	-0.0175
rs116480433	G	-0.0394
rs10933552	C	-0.0143
rs17026089	G	-0.0686
rs138870941	T	-0.0379
rs7571700	A	-0.0184
rs13028164	A	0.0148
rs357708	G	0.0176
rs78068565	C	-0.0254
rs72901215	G	-0.0443
rs6709809	A	-0.0349
rs112259037	C	0.0695
rs6731223	C	-0.0197
rs6732735	A	0.0149
rs143143523	T	-0.0675
rs820769	T	-0.0195
rs72816251	A	0.0261
rs10167259	G	0.0139
rs13407334	C	0.0379
rs13010707	T	-0.0205
rs73119041	C	0.0703
rs77108739	G	0.0663
rs11673742	T	-0.0236
rs2067992	C	0.0134

rs72837990	C	-0.042
rs16860437	A	0.0733
rs140008930	A	0.1074
rs72983323	C	-0.0872
rs76881458	G	0.0576
rs2111873	T	0.0159
rs13393833	T	-0.0342
rs72867985	T	-0.0297
rs1427283	T	-0.0199
rs145488973	G	0.1081
rs12617685	C	-0.0156
rs116078872	T	-0.0414
rs58581494	T	-0.0252
rs1876770	G	-0.0295
rs139395990	C	0.0946
rs72774821	C	-0.046
rs13430329	T	0.0368
rs10183933	A	0.0431
rs2916526	T	-0.013
rs17047088	A	-0.019
rs11692868	C	-0.0265
rs145334845	C	0.0988
rs138308945	A	-0.0695
rs28584067	C	0.0228
rs4669133	A	-0.0129
rs62167839	C	0.0134
rs10929516	T	-0.021
rs1073981	A	0.0603
rs35206511	C	0.0185
rs79053665	C	-0.04
rs75960565	G	0.1012
rs75696207	T	0.0842
rs78723642	A	0.0657
rs138005298	C	0.034
rs2351292	G	0.0176
rs116021026	T	-0.0642
rs113300329	G	0.06
rs114432835	T	0.0336
rs10177722	G	-0.0275
rs114688727	T	0.0896
rs76738773	C	0.024
rs7557984	G	0.0148
rs112559538	T	0.0616
rs17583955	A	-0.025
rs34751932	A	-0.0221
rs114155051	T	0.1028
rs76940936	A	-0.0511

rs71417407	A	-0.0479
rs13004043	C	-0.0144
rs10490193	A	0.0153
rs2579602	T	0.026
rs690249	A	-0.0118
rs72827713	A	0.0458
rs144599691	A	-0.0821
rs139921354	T	0.0694
rs2219064	C	0.0132
rs1158466	T	0.0141
rs13002243	G	-0.0276
rs681148	C	0.012
rs6734055	G	-0.0152
rs4074080	C	-0.0139
rs62170670	C	-0.0492
rs12692861	G	-0.0145
rs12328610	C	-0.021
rs148311809	A	0.0856
rs360484	T	0.0152
rs72646841	G	0.0345
rs10200549	A	0.0217
rs72975234	A	0.0778
rs1464004	G	0.0219
rs139241566	C	-0.0575
rs12053365	A	0.0121
rs7603708	A	-0.0307
rs13003266	G	0.0355
rs114336823	G	-0.0465
rs6741776	C	-0.0176
rs35808216	C	0.024
rs143819734	A	0.0623
rs12621067	C	-0.0261
rs6724050	T	0.0229
rs58153578	G	-0.0344
rs6731499	G	-0.0157
rs145268423	T	0.1068
rs141080715	G	-0.06
rs73042910	T	0.0836
rs16982679	C	0.0489
rs58941962	T	0.0167
rs137927826	G	0.0509
rs62110461	G	-0.0403
rs56142049	G	0.0236
rs116001967	A	-0.1127
rs140793821	C	0.0565
rs72808770	A	-0.0158
rs35704829	T	0.0162

rs72812619	A	0.0195
rs145459609	G	-0.058
rs139882432	C	0.0654
rs4670102	G	-0.023
rs35696517	G	-0.0146
rs112889379	C	0.057
rs72909381	T	-0.0398
rs2055761	T	-0.0505
rs10199285	G	-0.0156
rs41268683	C	-0.0339
rs2723070	G	-0.0289
rs142793248	A	0.0824
rs116640500	C	-0.0526
rs6735743	G	0.0224
rs55811660	G	-0.0232
rs78020827	T	0.0345
rs62188206	T	0.0256
rs6730504	A	0.0209
rs2242097	C	-0.0415
rs115428418	T	-0.0582
rs67499383	T	-0.026
rs75697493	A	0.0551
rs34548621	A	-0.0725
rs12466407	C	0.0376
rs12469675	G	-0.0399
rs4849723	T	-0.0125
rs72771200	T	-0.032
rs35903706	G	-0.0122
rs12474299	C	0.0395
rs115326161	A	-0.0496
rs11682204	C	0.0265
rs76415299	T	-0.0758
rs2961955	G	0.0659
rs13424249	T	-0.0135
rs62120544	A	-0.0264
rs10496116	G	0.0164
rs3770364	G	0.0232
rs13389945	A	0.0307
rs57719599	T	-0.0759
rs13401599	G	0.0133
rs115682245	T	0.0694
rs115543383	A	0.0359
rs1921788	T	0.0129
rs62128973	A	-0.0705
rs6740022	T	0.0151
rs72818462	A	0.0231
rs115084606	A	-0.0371

rs67492294	T	-0.0281
rs113090919	C	0.0898
rs12619535	G	0.017
rs2244229	A	0.0129
rs76439922	A	0.1032
rs858934	G	-0.0707
rs60035770	G	-0.0583
rs76090815	T	0.0575
rs72860139	T	0.0727
rs141959312	T	-0.0854
rs830970	T	-0.0149
rs934564	C	0.0637
rs11692525	A	-0.037
rs112072798	G	-0.0207
rs16866222	T	-0.0758
rs140302523	A	-0.0603
rs146229028	G	-0.0694
rs72839801	G	-0.029
rs62167606	T	-0.0787
rs34637644	G	0.0235
rs7421179	T	-0.0256
rs62161223	C	-0.0344
rs13027676	G	0.0216
rs6718834	A	0.0183
rs57732685	C	0.03
rs111779078	A	-0.0585
rs34422458	A	0.0718
rs55680582	T	-0.0305
rs2289912	A	0.0426
rs436385	C	-0.0266
rs75002848	T	-0.0347
rs17044296	A	-0.0357
rs62191570	T	0.0254
rs7595697	T	-0.0126
rs114038359	C	-0.0445
rs142063051	C	-0.078
rs7584375	G	0.0121
rs817036	C	-0.0192
rs115315383	A	-0.0819
rs62147969	G	0.021
rs75703305	A	-0.062
rs10185647	C	0.0278
rs1346730	T	0.0124
rs72777942	G	0.0466
rs143192656	C	-0.0491
rs11893982	G	-0.0282
rs111502255	A	0.0723

rs62141082	C	0.0295
rs74561461	C	0.043
rs75410485	C	-0.058
rs115570295	C	0.0827
rs11686712	T	-0.0131
rs13025811	T	-0.0417
rs115104820	T	0.0305
rs10180728	G	0.0375
rs150705791	C	0.0665
rs72768905	C	0.0262
rs12477845	A	-0.0557
rs6741661	G	0.0162
rs13419915	G	-0.0946
rs73989464	G	0.0173
rs17540733	T	-0.0495
rs12691825	A	0.0171
rs79679670	A	-0.0385
rs74424443	C	0.0267
rs1838878	T	0.0245
rs76982273	A	0.0591
rs72922012	C	0.0338
rs149151020	T	-0.0441
rs56345907	T	0.0368
rs1198823	G	0.0131
rs9751031	T	0.0448
rs4670940	G	-0.021
rs62144707	A	-0.015
rs72834180	C	-0.0191
rs77194274	T	-0.0507
rs1594385	C	0.017
rs808846	A	-0.0153
rs75809673	T	0.0982
rs11126423	C	0.0297
rs149084906	G	0.0447
rs17339010	A	0.051
rs113149840	T	0.0183
rs7565919	T	-0.0513
rs114645481	T	0.0596
rs116142821	C	-0.0504
rs72916630	C	-0.0577
rs115818571	T	-0.0718
rs116112766	A	-0.0354
rs115148602	C	0.0481
rs7596107	C	-0.0121
rs6717053	C	-0.0137
rs6743474	T	0.0148
rs12618856	T	-0.0141

rs75306265	A	-0.0799
rs62154716	G	0.0171
rs17200181	T	0.0917
rs56400726	G	0.0122
rs115879651	A	-0.08
rs6754661	A	-0.024
rs34128838	G	-0.022
rs10490557	C	0.0133
rs35274952	T	0.0366
rs12477779	A	0.0139
rs111332525	T	-0.0409
rs2034250	A	0.0148
rs1838841	T	-0.0461
rs146668566	A	-0.0823
rs10929332	C	-0.0608
rs1006422	G	0.0184
rs11125767	C	0.0131
rs116627548	C	0.0339
rs72790115	C	-0.0701
rs10779944	C	-0.0163
rs55953045	T	0.0414
rs3098431	C	0.0189
rs62151093	A	0.0511
rs116161741	G	0.0375
rs68114411	G	-0.0191
rs10188049	G	0.0132
rs138208141	C	0.0526
rs1881494	C	-0.0159
rs4852538	A	0.0573
rs146983393	A	0.0515
rs2279990	G	-0.0126
rs7608543	G	0.0127
rs62144237	T	-0.0329
rs115262238	T	-0.0595
rs13383473	T	0.0252
rs114039293	C	0.1157
rs77682577	T	0.1015
rs75711222	C	-0.0415
rs2975766	A	-0.0503
rs2009562	T	0.0165
rs76407654	T	-0.0577
rs59298278	G	0.0354
rs74391551	G	-0.0364
rs66589853	G	-0.023
rs79538696	A	0.0222
rs78038889	C	-0.1
rs12623446	C	-0.0321

rs79798057	G	0.0412
rs148766104	A	-0.0527
rs990208	C	0.091
rs41449651	A	-0.0435
rs149903174	T	-0.0427
rs79489486	G	-0.0361
rs114378836	T	0.0487
rs146171344	A	0.086
rs1560585	T	-0.0255
rs77862408	T	0.0296
rs2540068	A	-0.0149
rs1900792	T	0.0487
rs11124925	G	-0.0258
rs77643089	T	-0.0373
rs73973246	T	-0.0308
rs17560791	G	0.0131
rs328034	A	-0.0147
rs113671037	G	-0.0372
rs6716214	A	0.0647
rs78640509	C	0.0818
rs79721034	A	-0.0964
rs79239729	A	-0.0304
rs79786002	A	-0.0463
rs56151293	C	0.0426
rs4347808	G	0.0203
rs1019294	C	-0.0126
rs56270677	C	-0.0382
rs80155808	C	0.0683
rs78869015	G	-0.0719
rs115222492	C	0.0718
rs116247240	C	-0.1206
rs13022027	C	0.048
rs76259623	C	0.0302
rs143491613	T	0.0395
rs62146078	T	0.0775
rs113055397	T	-0.0837
rs10496565	G	-0.0197
rs144094720	A	-0.046
rs76176491	T	-0.0932
rs6709507	A	-0.0265
rs115210404	T	-0.0591
rs34305900	G	-0.0266
rs13410657	A	0.0131
rs142848890	T	0.0486
rs12469398	C	-0.0265
rs73933391	A	-0.0256
rs2290106	T	-0.0393

rs10171943	T	0.0612
rs11897429	G	-0.0157
rs28415615	G	-0.0131
rs115860797	G	0.0349
rs62186680	G	-0.0322
rs818146	A	0.0566
rs77854668	A	0.0231
rs17396281	T	0.0199
rs6545795	T	0.0123
rs74511965	T	-0.0416
rs116343838	T	0.0479
rs10191997	T	-0.0292
rs74481488	A	-0.0211
rs116202264	A	0.0517
rs114965420	G	-0.038
rs11125988	C	-0.0234
rs7602215	C	-0.0172
rs115294243	A	0.0605
rs17336335	G	0.0573
rs62183695	T	0.0218
rs13035763	A	0.0226
rs116683155	A	-0.0715
rs78445224	C	0.0423
rs10170558	C	0.0143
rs138239674	A	-0.0547
rs74599280	G	-0.0382
rs114362104	G	0.0431
rs56806432	T	0.0297
rs139372334	T	0.0633
rs146262891	A	0.0563
rs16836058	G	-0.0269
rs12620952	A	0.0446
rs148127418	A	0.0708
rs73206540	T	-0.0189
rs72927804	C	0.0886
rs11675197	C	-0.0159
rs11681667	A	-0.0431
rs147900845	A	-0.0795
rs72903737	T	-0.0325
rs78212733	A	-0.0218
rs9636254	C	-0.0126
rs76944807	C	0.0755
rs7605799	A	0.0336
rs2251461	A	0.0177
rs4549022	T	0.0874
rs115807548	C	0.0416
rs62141904	C	-0.0232

rs1316320	C	0.0125
rs79875283	C	0.0513
rs4666452	T	-0.0269
rs78534197	T	0.0494
rs62167112	T	0.0134
rs115700152	G	-0.04
rs2052937	C	-0.0132
rs289911	T	-0.0427
rs3768882	T	-0.0118
rs66707417	G	0.0146
rs6756368	T	0.0396
rs74398778	T	0.0399
rs62113474	A	-0.0549
rs55807102	T	0.0562
rs150282481	C	0.0569
rs79674346	A	-0.0544
rs72812056	T	-0.0759
rs1840641	G	-0.012
rs12465233	G	0.0119
rs6544557	C	0.0193
rs7589027	A	-0.0129
rs1600882	T	-0.0369
rs141483387	C	0.0594
rs144159112	T	0.0589
rs116829802	C	0.0575
rs114429976	T	-0.059
rs13414698	T	0.0138
rs10175478	A	0.0164
rs148544725	A	-0.0579
rs1437988	G	-0.0364
rs62189346	C	0.0254
rs888099	A	-0.0288
rs114176192	C	0.045
rs79912359	T	0.0355
rs148354814	G	0.0542
rs74925708	C	0.0598
rs115220448	T	-0.0728
rs76881182	T	0.052
rs142460917	T	0.0531
rs74376588	C	0.0382
rs114641665	G	-0.0326
rs62177978	T	-0.0347
rs114255585	A	-0.0469
rs142261176	G	0.0536
rs13018069	T	0.0135
rs9309089	A	-0.0145
rs6543408	C	-0.0151

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rs72942423	C	0.0793
rs72959275	C	0.0893
rs4852266	C	0.038
rs147220509	A	0.0783
rs114974308	G	0.0699
rs79208822	A	0.0437
rs116672114	A	-0.0775
rs62184398	C	0.0421
rs12615661	T	-0.0278
rs547773	A	-0.0174
rs2135996	G	-0.0128
rs10184524	T	0.024
rs35787487	A	0.0167
rs141717849	G	0.0613
rs72996298	A	-0.0266
rs116315732	T	-0.0516
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rs13024532	G	-0.0134
rs12478042	A	-0.0245
rs72829957	C	0.0128
rs114315593	A	0.0444
rs71443025	T	0.0303
rs13399675	A	-0.0361
rs61472481	G	0.0209
rs79682814	G	0.0677
rs116504360	C	0.0777
rs16827650	C	0.0257
rs193925	A	0.0174
rs72881759	C	0.024
rs77200527	A	-0.0559
rs4669664	T	-0.0152
rs12613279	C	0.0202
rs4035887	G	0.0119
rs17050416	C	0.0522
rs115540952	T	-0.0983
rs73970223	A	0.1137
rs78724595	C	-0.0406
rs75176771	T	0.084
rs896754	C	-0.0127
rs72854914	A	0.0513
rs13393801	G	-0.0213
rs112623310	C	-0.0876
rs150545864	G	0.0573
rs141292586	T	-0.057
rs12478755	A	0.0726

rs55836196	T	0.0124
rs77243163	A	-0.0424
rs80141707	A	-0.036
rs148164516	G	0.082
rs142081527	T	-0.0374
rs72940213	T	0.0249
rs115645653	G	-0.0891
rs116130903	G	0.06
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rs3755103	T	0.0292
rs9287475	G	0.0117
rs115731128	A	-0.0516
rs72827512	C	-0.0371
rs116487921	T	0.0405
rs41268703	T	0.0392
rs17829861	A	0.0178
rs6433597	C	-0.0177
rs72898976	G	-0.0244
rs7596519	G	0.0138
rs12470245	A	0.0237
rs116343555	A	0.0541
rs12466938	G	-0.0183
rs55678164	T	-0.049
rs77121011	A	-0.0734
rs144793531	C	0.0293
rs11688133	A	-0.0237
rs72835089	T	-0.0456
rs55790299	C	-0.0576
rs116263177	C	0.0678
rs115732111	T	0.0745
rs12622386	A	0.0192
rs7602124	A	-0.0211
rs16823761	T	-0.0391
rs13033306	T	0.0259
rs12996533	G	0.025
rs6748779	G	-0.0594
rs17013020	G	-0.0222
rs35748618	T	0.0157
rs80298096	T	-0.0774
rs4971760	T	-0.0311
rs34619872	T	0.0178
rs6732896	G	-0.0129
rs60037207	C	0.0187
rs114869558	A	-0.0656
rs79539652	G	0.0416

rs72982131	C	-0.0281
rs12986801	C	0.0123
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rs112081043	G	0.0553
rs75129762	C	-0.0351
rs12615462	G	-0.0163
rs150181825	A	-0.084
rs142954099	T	-0.073
rs10210295	T	-0.0527
rs114315112	G	0.0701
rs1991608	T	-0.0135
rs62112208	G	0.0414
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rs62167259	A	0.0397
rs147931586	G	-0.0917
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rs12617848	T	0.019
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rs75673698	C	-0.0717
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rs72933185	C	-0.0615
rs359982	G	0.0364
rs72836243	T	-0.049
rs78467785	G	0.0691
rs6436243	G	0.0539
rs78135710	C	-0.0583
rs80236868	T	0.0405
rs264621	G	0.0664
rs72964195	T	0.027
rs115155486	G	-0.0523
rs11884056	T	-0.0204
rs1367416	C	0.017
rs62157625	T	0.0206
rs58506841	A	0.0382
rs115210694	A	0.021
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rs78034869	G	0.0502
rs11884233	A	-0.0149
rs59454075	A	-0.0334
rs55914566	T	-0.0177
rs2276598	T	-0.016
rs2970900	C	0.0412
rs76276938	T	-0.0504
rs6430462	A	-0.0115
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rs1993073	C	-0.0173

rs12477625	T	-0.0143
rs12465529	C	-0.0432
rs76387576	C	-0.0307
rs62150620	T	0.0541
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rs1922482	A	0.0156
rs117359649	C	-0.067
rs2083386	T	-0.0565
rs6718234	C	-0.0216
rs76480788	T	-0.0424
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rs17862779	G	0.0667
rs115337124	A	-0.1154
rs79055624	C	-0.0656
rs145980539	C	-0.0548
rs2278479	T	0.0676
rs62121767	C	0.0624
rs34298173	A	0.0526
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rs112729575	G	0.037
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rs116680426	T	-0.0696
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rs6718232	C	0.0386
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rs112224651	G	0.0426
rs10191798	G	-0.0147

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rs114215774	A	-0.0546
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rs79183627	A	-0.0363
rs7600602	T	0.0124
rs115848953	T	0.0306
rs72763602	T	-0.0346
rs3754551	G	0.0309
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rs75943254	C	0.0511
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rs61478222	A	-0.0203
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rs74807729	A	-0.0609
rs17815605	A	-0.017
rs76158330	A	-0.0643
rs137879195	A	-0.0677
rs76778776	G	0.0186
rs11897760	C	-0.0198
rs79352108	T	-0.0527
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rs114931810	T	-0.0718
rs3814382	A	-0.0125
rs62172502	C	-0.0431
rs4851885	C	0.0126
rs138202451	A	-0.0624
rs76793380	C	-0.0535
rs116152527	T	0.0467
rs149091908	T	-0.0819
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rs10187118	G	-0.0137
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rs66851446	G	-0.0142
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rs6711321	G	0.015
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rs12467081	A	0.0146
rs7582461	C	0.0143
rs3912255	A	0.0144
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rs7572278	A	-0.0196
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rs116108157	G	0.0465
rs10175793	C	0.0152
rs13413119	T	-0.0129
rs13405244	A	0.0121
rs141892738	C	-0.0807
rs76728631	T	-0.0488
rs114282227	T	-0.051
rs17773686	A	0.0186
rs13015261	C	0.063
rs77109772	T	-0.0569
rs13424792	T	-0.0501
rs35181910	G	0.0383
rs72799962	A	0.0311
rs62177231	A	0.0146
rs9784075	A	0.0154
rs74442120	A	0.0482
rs1520457	G	0.0733
rs10170828	G	0.065
rs72805325	G	-0.0474
rs72829445	C	0.0939
rs12052843	C	-0.0134
rs759382	G	0.0137
rs6758364	C	-0.0122
rs74509822	C	0.0573
rs2442033	A	0.0161
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rs163505	G	-0.0134
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rs114056647	A	0.0427

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rs11681450	A	-0.0209
rs1372166	C	-0.013
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rs143191816	A	0.086
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rs4668668	T	0.0531
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rs4483984	T	-0.0124
rs115824507	A	0.0311
rs145516378	T	0.098
rs60827017	T	-0.0637
rs953214	G	-0.0812
rs116497883	T	0.026
rs11693021	C	-0.0335
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rs10186642	A	-0.0338
rs58879150	A	-0.0622
rs10932641	C	-0.0146
rs13409153	C	0.0503
rs150150078	C	-0.0645
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rs76158117	A	0.0381
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rs111686260	A	0.0517
rs17049085	C	-0.0176
rs6731253	T	-0.0128
rs74348010	A	-0.0409
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rs115415056	G	0.0352
rs4849766	G	-0.0142

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rs56379027	G	0.0204
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rs62172541	C	-0.07
rs76820456	C	0.0675
rs1546717	A	0.0171
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rs4665662	G	0.0117
rs112539238	T	0.0515
rs17034641	A	-0.0157
rs17659323	A	0.0564
rs76848636	A	0.0652
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rs77524462	A	-0.0884
rs138508418	G	0.0893
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rs79717154	A	-0.0231
rs150860755	C	0.0617
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rs13409330	A	0.012
rs76188315	A	0.0356
rs11675832	T	-0.0328
rs11692900	T	-0.0185
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rs10803702	A	0.0178
rs16847064	G	0.0214
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rs140142985	T	-0.0546
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rs72782823	T	-0.066
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rs62131067	G	0.0421

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rs12052753	C	-0.0197
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rs112709301	T	-0.0528
rs78737639	G	0.0518
rs7583121	G	-0.0116
rs6733907	G	-0.0129
rs71420817	T	0.0409
rs6735741	G	0.026
rs71435586	A	-0.0305
rs7557987	T	0.0116
rs77976895	G	-0.0683
rs17026163	T	0.0361
rs35240971	C	-0.0158
rs12996684	C	0.0115
rs114053513	G	0.0811
rs1653749	C	-0.0126
rs6542504	T	-0.0118
rs148408321	T	0.0521
rs74382204	T	0.0826
rs115686241	G	-0.0776
rs148340933	G	0.0495
rs17347226	T	0.0503
rs35218194	T	0.0138
rs115823221	T	0.0552
rs148416129	G	0.07
rs288326	A	0.0176
rs11686243	A	0.0127
rs78404560	T	-0.0554
rs41272693	A	-0.036
rs17221493	C	-0.0568
rs6436214	A	-0.012
rs77761724	A	0.0612
rs6706652	T	0.0756
rs77816630	C	0.0282
rs12617706	T	0.0131
rs124771	G	0.0833
rs116490957	C	-0.0863
rs792072	G	-0.0156
rs1523879	G	-0.0189
rs78573756	C	-0.0477
rs114558674	A	0.0681
rs921279	G	0.0492

rs113994282	G	0.0394
rs61016860	A	0.0449
rs72951482	T	0.0164
rs62279208	T	0.0307
rs147990121	G	-0.0511
rs62186495	T	0.0446
rs115025199	G	0.0629
rs145106692	A	-0.0494
rs75071938	C	0.0322
rs11123171	A	0.0239
rs13389863	C	0.0189
rs71427779	C	0.0523
rs11888616	T	-0.0173
rs56389338	A	0.0486
rs78309028	C	-0.0457
rs10439524	A	0.0246
rs115600445	T	-0.0539
rs149542615	G	0.0169
rs72915621	A	-0.0533
rs13019160	A	0.0127
rs1614091	C	-0.0145
rs75841521	A	0.0686
rs12986873	T	-0.0123
rs1921912	A	-0.0226
rs1521878	G	0.0207
rs4663419	G	0.0115
rs11688175	T	-0.0285
rs113021058	T	-0.0415
rs1470078	C	0.0147
rs113139946	T	-0.1069
rs144053184	T	-0.1175
rs2193689	A	-0.0146
rs482435	G	0.0123
rs6433388	A	0.0203
rs73072385	T	-0.0304
rs111717031	A	-0.0481
rs17546344	T	-0.0562
rs34719932	G	-0.0468
rs114022440	G	0.0565
rs112936153	T	0.0491
rs7370633	C	-0.0116
rs34080475	G	0.0125
rs35717017	T	0.0151
rs12987510	T	0.0238
rs139119965	G	0.0461
rs435931	G	0.0429
rs141329842	T	-0.0765

rs80272104	A	-0.0178
rs62187510	A	0.0605
rs11688493	G	0.0142
rs72916612	C	0.0199
rs142218650	T	0.0421
rs115321897	C	-0.0486
rs1869381	A	-0.0115
rs143939019	G	0.0637
rs114587946	A	-0.072
rs72809341	A	-0.0533
rs145410026	A	-0.0723
rs77101654	C	0.0496
rs7593398	C	0.0125
rs10190580	C	-0.053
rs76954175	T	0.041
rs138958133	G	-0.084
rs78435708	T	0.0613
rs142526162	T	0.0656
rs10185553	C	0.0344
rs75395690	A	0.0598
rs13411845	T	0.0137
rs2356975	A	-0.0366
rs116296225	T	-0.0523
rs6737678	C	0.0153
rs75126815	T	-0.0161
rs140702435	C	0.0594
rs16828053	C	0.019
rs4464232	C	0.0314
rs113875143	A	-0.0497
rs1547476	A	-0.0157
rs1864556	T	0.0134
rs115052632	A	-0.0697
rs114830277	G	0.0473
rs12473663	T	-0.0132
rs116091965	T	0.0807
rs77774427	T	0.0772
rs77694727	T	-0.0489
rs12989107	T	0.0253
rs111921060	A	-0.0598
rs59663174	C	-0.0168
rs115539274	C	-0.0389
rs75742019	G	0.0589
rs17864662	T	0.0296
rs12479214	G	-0.0213
rs148216278	A	-0.0714
rs189816	G	0.0115
rs11682099	G	-0.0124

rs74347152	A	0.0761
rs138786316	C	0.0669
rs17194489	G	-0.0778
rs56402352	A	0.0716
rs785247	A	-0.0229
rs7596627	T	-0.0119
rs4952281	C	-0.0116
rs116317427	A	0.068
rs73993858	A	0.0407
rs72994447	T	-0.0391
rs74378191	T	-0.075
rs7591180	T	0.0279
rs13002022	G	0.0127
rs79278095	G	-0.0372
rs150102706	A	0.0612
rs76924309	A	-0.0776
rs6730351	G	-0.0118
rs114834773	C	-0.0679
rs77727917	T	0.0518
rs1427295	T	-0.0162
rs77900625	A	0.0437
rs4292120	C	0.0124
rs7557701	A	-0.0146
rs140056023	A	0.0658
rs16848716	T	-0.0385
rs75197405	G	0.0602
rs10933137	T	-0.0118
rs6704807	C	-0.0135
rs114538927	A	0.0493
rs7602035	C	-0.0361
rs72780181	G	0.0297
rs13407708	C	0.0248
rs4852550	T	-0.0124
rs56220862	G	-0.0649
rs13383716	C	-0.0136
rs80162433	G	0.0395
rs2551104	C	-0.0123
rs62143061	T	0.0207
rs6744522	G	0.0112
rs116007752	A	-0.0513
rs35142506	C	-0.0451
rs11693682	C	-0.0255
rs76780209	T	0.0416
rs13427736	A	0.0223
rs62171875	T	-0.066
rs13427697	C	-0.0127
rs13006262	T	-0.0192

rs148116461	T	-0.0863
rs115052657	G	-0.0373
rs75685392	C	0.0621
rs13022886	G	-0.031
rs74679486	G	0.0308
rs138200485	C	0.0544
rs36091791	T	-0.0829
rs141119604	C	-0.0521
rs75622501	A	-0.0376
rs10186268	C	-0.0115
rs1176783	T	0.0191
rs115588007	T	0.0467
rs4419244	G	0.0133
rs75801379	T	0.0589
rs3755232	C	-0.0128
rs4669869	C	0.0113
rs72824136	A	-0.0193
rs76749137	A	-0.0565
rs146495798	C	-0.0389
rs10199446	G	-0.0441
rs11896903	A	-0.0194
rs272144	A	-0.0586
rs111281274	A	-0.0811
rs73143249	A	-0.0252
rs6751055	G	-0.0151
rs12997609	T	0.0316
rs6711885	C	0.0114
rs72995899	T	-0.0461
rs72784099	A	-0.0377
rs12463943	T	0.0232
rs79435361	C	0.0671
rs4321319	G	0.0216
rs10165893	G	-0.0215
rs114396904	C	-0.0515
rs1683546	C	-0.0199
rs114998307	C	0.0544
rs16987836	C	0.0136
rs11680810	T	-0.0149
rs13009719	A	0.0135
rs1010415	A	0.0121
rs75870946	G	0.0305
rs707079	A	-0.011
rs78967512	G	-0.0405
rs10754948	C	0.0131
rs1861248	C	0.0125
rs62169264	A	-0.0225
rs146879924	A	0.0577

rs13409247	T	0.0235
rs77780515	T	0.0591
rs149607617	A	0.0708
rs9309555	G	0.0455
rs13411360	C	0.0191
rs35806149	G	0.0641
rs148007130	C	-0.0488
rs12151786	C	0.0487
rs17862899	C	0.0143
rs7593350	T	0.0226
rs1921226	C	0.011
rs148224585	A	0.0657
rs75895173	T	-0.0585
rs143730861	T	-0.0691
rs12053530	G	-0.0125
rs140284189	A	0.0381
rs1530560	T	0.0128
rs77033730	G	-0.0344
rs13022668	G	0.0112
rs115485585	A	-0.0534
rs138585555	C	0.0515
rs113017795	C	0.0614
rs112562035	C	-0.0255
rs76903843	G	-0.0523
rs28766052	T	0.0116
rs139811984	T	-0.0459
rs113892452	C	-0.0662
rs76766754	T	-0.0516
rs62138455	A	0.0648
rs11125144	G	0.0196
rs115403106	G	0.0826
rs1530875	T	-0.0251
rs6547775	C	-0.0574
rs149479714	T	0.0983
rs76806435	C	0.0443
rs114889183	G	0.0921
rs72800769	C	-0.0208
rs72832624	C	0.0579
rs76473116	G	0.0265
rs72971474	T	-0.0326
rs56834703	C	0.0196
rs114628239	A	0.038
rs112322375	A	0.0735
rs145902666	T	0.0709
rs74660072	C	0.0375
rs3791943	G	0.0192
rs79780042	A	-0.0632

rs72804043	C	-0.0424
rs75472943	C	0.0505
rs113244337	G	-0.053
rs143764316	C	-0.0613
rs7568570	A	-0.0505
rs79568996	C	-0.022
rs114682497	A	-0.0534
rs13024800	A	0.0133
rs10206961	T	0.0114
rs1521047	G	-0.0131
rs142348138	C	0.0678
rs4999367	T	0.04
rs79713769	A	0.0785
rs13015020	A	-0.0496
rs11894866	G	-0.0127
rs116182333	C	0.1221
rs7578949	T	0.0208
rs76787017	C	-0.0182
rs116300349	A	-0.0672
rs34934741	G	-0.0828
rs115140208	A	0.0618
rs72874142	A	-0.0146
rs28604473	T	-0.012
rs72786604	T	-0.0189
rs137882076	T	0.063
rs13014366	T	-0.033
rs17776208	C	-0.0152
rs12692173	A	-0.0186
rs142519493	A	-0.0485
rs12989872	G	-0.0229
rs61651559	G	-0.0259
rs76683621	A	0.0473
rs35230864	G	0.0133
rs13388476	A	0.0233
rs77443394	G	-0.0322
rs114342051	A	0.0529
rs80328132	G	-0.0559
rs13393928	A	0.0144
rs10167257	G	0.0216
rs36006786	A	-0.02
rs41288779	T	0.0224
rs6546798	T	-0.0812
rs35551076	T	0.0218
rs2311420	A	-0.0109
rs1528429	A	0.0119
rs79950615	T	-0.0452
rs10185199	A	-0.0125

rs74669305	G	0.0422
rs4311015	A	-0.0207
rs12465325	G	0.027
rs77340858	G	0.051
rs72952151	C	-0.0239
rs3769053	C	0.0218
rs80275554	A	-0.0475
rs143359015	A	0.0446
rs17388135	C	0.0166
rs115550539	T	0.0509
rs115629217	A	-0.0749
rs149274786	G	-0.0516
rs150609735	T	-0.0889
rs113521793	C	0.0501
rs76451871	C	0.0456
rs35212219	T	0.035
rs11688385	C	0.0238
rs6747163	G	-0.0195
rs10177115	A	0.0168
rs12995720	C	0.0729
rs78165640	C	0.0491
rs7565132	C	0.04
rs12612923	A	0.0378
rs13415349	C	-0.0201
rs13418802	T	-0.0109
rs72769243	C	0.0331
rs75770717	C	-0.0437
rs13425218	C	-0.0161
rs73914504	T	-0.04
rs6749328	T	-0.0203
rs6750637	A	-0.0163
rs139567480	T	0.0694
rs56038954	G	-0.0292
rs7567408	A	-0.0267
rs45535736	T	0.0482
rs72924939	A	-0.0169
rs78431358	C	-0.0656
rs12472018	G	0.025
rs112316144	T	0.0975
rs72937685	G	0.0182
rs6545179	T	0.0118
rs1519543	G	-0.0467
rs138675395	A	-0.057
rs143721713	A	-0.0647
rs7583300	A	0.0245
rs143819707	T	-0.0272
rs10190041	T	0.016

rs78828757	G	-0.0595
rs58060279	C	0.0197
rs10203607	C	-0.0567
rs76413714	T	0.0997
rs7425346	A	-0.0283
rs62186281	T	-0.0389
rs7563053	C	0.0253
rs11692659	A	0.025
rs145759750	C	-0.0661
rs2002133	C	0.0134
rs76789272	T	-0.04
rs76104567	A	0.0652
rs3821353	T	0.0138
rs11892323	C	-0.0118
rs10191324	T	0.0328
rs41464547	G	0.0339
rs2720097	G	0.0194
rs78870267	A	-0.028
rs72795287	T	0.0589
rs147046929	C	-0.0453
rs75756437	T	-0.0261
rs1468757	C	-0.015
rs114258821	A	0.0389
rs115084740	T	-0.0574
rs10167952	G	0.0215
rs62159898	A	0.0149
rs12618690	A	-0.0457
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rs11897775	C	-0.0132
rs72850811	T	-0.0699
rs56213791	C	-0.0125
rs11684361	G	0.0801
rs17679678	A	0.031
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rs58219717	G	-0.0267
rs4413121	A	0.0111
rs78777204	A	0.0558
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rs10178582	G	-0.0253
rs144603356	A	-0.0363
rs72958961	G	0.0114

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rs4671413	A	0.0109
rs13417654	T	-0.0221
rs71446010	C	-0.0236
rs10932127	T	0.0126
rs75031836	A	-0.0427
rs55889142	T	0.0836
rs77311527	C	-0.049
rs680603	C	0.0218
rs10183317	T	0.0303
rs76529516	G	0.0566
rs12619252	A	-0.0618
rs72824920	C	0.0313
rs6714411	G	-0.0192
rs114853782	C	-0.0766
rs72815640	A	0.0364
rs35515443	C	-0.0119
rs28607844	G	0.0168
rs142436764	G	0.0528
rs10199294	G	0.0214
rs149485231	T	-0.0513
rs114496169	T	0.0399
rs4443010	C	-0.0131
rs76967573	C	0.0699
rs7609130	G	0.012
rs2314934	G	0.0616
rs71437484	T	0.0424
rs114004001	G	-0.0277
rs1108288	G	-0.013
rs3752777	A	0.0148
rs7585881	G	0.0124
rs72925159	G	-0.0626
rs72919712	C	-0.0496
rs115150336	C	-0.0691
rs11890420	T	0.0204
rs74704220	G	-0.0165
rs1430091	A	0.0183
rs146598480	G	-0.0696
rs6544956	T	0.0327
rs1607666	A	-0.0108
rs114779276	A	-0.0451
rs35499832	A	0.0112
rs10495736	A	-0.0126
rs62148492	T	0.0428
rs6732834	T	-0.0221
rs2021376	T	-0.0121
rs13423078	A	0.0902

rs7607678	G	-0.0117
rs138096439	G	-0.0596
rs1879651	C	0.0525
rs115357774	G	-0.0498
rs113665565	A	0.0466
rs78112233	A	0.0883
rs7578006	A	-0.0154
rs114167446	C	0.0577
rs3098336	G	-0.0133
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rs59376528	T	0.0674
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rs75414752	A	0.0554
rs12997707	T	0.0136
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rs75479781	A	-0.0409
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rs72833275	G	0.0217
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rs114233140	T	-0.0577
rs71422169	T	0.0714
rs56329260	C	-0.0178
rs78051255	C	0.015
rs13031154	T	-0.0127
rs75856432	T	0.0617
rs114451169	C	-0.0619
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rs7608251	T	-0.0147
rs76687770	C	0.0275
rs10193202	C	-0.0125
rs212352	C	-0.0196
rs75520438	A	-0.0568
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rs78046349	T	0.0452
rs75496036	T	0.0215
rs113488211	A	0.0372
rs4675601	G	0.0181
rs142040433	A	0.0582

rs4353644	T	0.0186
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rs75557232	A	-0.0591
rs111475364	C	-0.0737
rs11679458	C	-0.011
rs62122522	T	-0.0339
rs115897328	C	0.0807
rs140641029	T	-0.0296
rs12616214	C	-0.0345
rs72785314	A	0.0431
rs7608659	C	-0.0117
rs145513895	C	-0.0844
rs17399617	G	-0.0359
rs10168620	A	0.0121
rs1032034	T	0.0142
rs2652438	T	-0.0116
rs4853648	C	0.0144
rs114165857	A	0.0977
rs78750325	G	-0.0756
rs113379188	C	0.0791
rs1027003	C	-0.0167
rs114845433	A	-0.0733
rs2047868	G	-0.0193
rs58362367	G	0.0565
rs75395248	T	0.0427
rs1528840	C	-0.0706
rs149252251	T	0.0576
rs145433814	A	-0.0435
rs112739847	T	-0.0259
rs2569909	C	0.0606
rs150568976	G	0.064
rs113404955	T	0.046
rs75349333	A	0.0478
rs140780602	T	0.0953
rs57652981	A	-0.0301
rs79936217	A	0.0785
rs13420256	T	-0.0233
rs116465484	A	0.0518
rs702946	A	0.0204
rs13031965	A	-0.0188
rs116481941	T	0.0495
rs10175743	G	0.0486
rs115069731	T	0.0755
rs17028994	T	0.0195
rs10153727	A	-0.0173
rs78536210	C	0.047
rs62107648	C	0.0173

rs6741747	C	-0.0451
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rs1006538	C	0.0112
rs1666772	C	-0.0115
rs34224221	T	0.0326
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rs6761956	A	-0.0414
rs79851893	A	0.0246
rs59337708	A	-0.0312
rs6713642	G	0.0261
rs12991898	A	0.022
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rs114937579	G	-0.0729
rs10183022	A	0.0107
rs116454964	T	0.0471
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rs78946786	C	-0.0254
rs78565343	C	-0.0341
rs13006395	T	0.0123
rs17319464	T	0.0171
rs6544644	G	0.0123
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rs150425835	T	-0.0724
rs13022853	T	0.0143
rs1427593	T	0.0118
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rs74435737	G	-0.0237
rs143001374	C	0.0621
rs145107825	C	0.0622
rs11674021	C	-0.0122
rs7571619	A	0.0133
rs71414676	T	-0.0581
rs868180	A	-0.0164
rs6753456	G	0.0115
rs280224	C	-0.0125
rs79463826	C	-0.0398
rs78162071	C	-0.0473

rs34688342	A	-0.0222
rs62121973	A	0.0577
rs114194282	G	-0.0173
rs4387782	G	0.0155
rs116681462	G	-0.0639
rs73011543	A	0.0155
rs6721411	A	-0.0273
rs13026784	A	0.0118
rs74586440	T	0.0829
rs76945513	G	0.0272
rs60646609	G	0.0491
rs11886804	G	-0.0266
rs116519267	C	0.0638
rs2045129	C	0.0168
rs138474395	A	-0.0436
rs34507042	T	-0.018
rs78577619	T	0.0311
rs114175063	T	0.0682
rs4971389	A	0.0128
rs11127371	G	0.0236
rs150455821	T	-0.0587
rs2357174	C	-0.0209
rs60021757	T	0.0444
rs62190912	T	-0.0294
rs151117033	T	0.0374
rs140660909	T	0.072
rs62167164	C	-0.0743
rs34910168	T	0.0209
rs114202641	G	-0.0419
rs79689108	A	-0.0296
rs62186668	T	0.0341
rs77679407	T	-0.0478
rs2176651	G	0.0119
rs75234385	A	0.0467
rs115368730	G	0.0384
rs1368965	C	0.0111
rs78699986	T	-0.1032
rs111504464	T	0.0156
rs2193619	C	-0.0161
rs34049772	A	-0.0167
rs2715893	C	0.028
rs114512015	T	-0.0746
rs115211109	G	-0.0714
rs114140406	A	0.0667
rs115796462	A	0.0317
rs10928881	T	-0.0267
rs76246979	G	-0.0683

rs12618440	A	0.1123
rs7567094	C	0.0128
rs111294150	G	0.0763
rs12478004	T	0.0109
rs114814336	T	0.021
rs62176383	T	-0.04
rs1126241	T	0.0141
rs78902234	T	-0.0537
rs149242696	G	0.0723
rs115791902	A	0.0611
rs7584323	T	0.0141
rs75973692	G	-0.0323
rs10932348	G	0.0362
rs72783911	A	0.034
rs1545552	A	-0.0117
rs112383535	C	-0.0638
rs114360276	A	-0.0558
rs12615223	T	-0.0106
rs77101510	G	0.0702
rs74798810	C	0.0561
rs114129353	T	-0.074
rs75915527	T	-0.0589
rs12329206	A	0.012
rs80065244	G	-0.0722
rs4256004	C	-0.0163
rs840362	G	-0.0276
rs11690125	A	0.0153
rs11893135	C	0.0467
rs1821571	A	-0.062
rs79229528	G	0.047
rs13002287	T	-0.0329
rs6544797	C	0.0308
rs13414132	T	-0.0235
rs6430373	C	-0.0109
rs115699185	A	-0.0647
rs76804326	C	0.069
rs11904059	G	0.0114
rs116469098	A	-0.0468
rs10178726	T	0.0332
rs72835359	C	-0.0352
rs150383119	C	0.0876
rs13386273	A	0.0209
rs149243557	G	-0.0538
rs74782114	A	0.0628
rs114965064	G	-0.049
rs2163550	C	0.0292
rs143391536	G	-0.0405

rs55879737	C	0.0122
rs76979977	A	0.0561
rs78483293	C	0.0568
rs2916491	T	-0.0163
rs16844933	C	0.0299
rs10490605	T	-0.0132
rs12712741	G	0.0127
rs34383629	T	-0.0229
rs116731956	T	-0.0518
rs74662857	G	-0.0785
rs10194023	C	-0.0108
rs4143271	A	-0.0187
rs56820531	A	0.037
rs62273237	T	0.0748
rs114433238	T	0.3221
rs9840250	G	-0.095
rs7647531	A	0.1851
rs77103435	T	-0.2089
rs75468783	A	0.2744
rs114865682	T	0.2457
rs62245327	G	0.2336
rs114773661	T	0.3031
rs138377943	G	0.3007
rs1344003	A	0.0669
rs34879081	A	0.083
rs9815951	G	0.3704
rs7618668	A	-0.1111
rs13081253	A	-0.1865
rs4682992	A	-0.1592
rs4955289	T	0.0699
rs61758192	T	-0.2334
rs75006927	A	-0.1602
rs75039174	A	-0.2621
rs11927033	G	0.0597
rs62243579	C	0.1937
rs7618206	A	0.0653
rs9821048	C	-0.0576
rs2218042	G	0.0893
rs35778374	C	0.1117
rs1874388	T	-0.0687
rs9826487	G	-0.091
rs1356248	T	0.0858
rs62259847	A	-0.4149
rs55812136	C	-0.1909
rs13314819	C	0.0796
rs6792291	T	0.0967
rs61537817	T	0.104

rs1806522	T	-0.0746
rs75625345	G	0.2583
rs73079516	C	0.1085
rs73071530	A	-0.282
rs953781	C	-0.0621
rs3908139	A	-0.0585
rs140635531	C	0.1417
rs9817228	C	0.1489
rs7627621	C	0.1072
rs16854503	C	0.2464
rs116215485	A	0.1847
rs74796042	C	0.1224
rs79388887	C	-0.181
rs6773936	G	0.075
rs11130575	G	-0.0584
rs11922641	A	0.1629
rs75527149	A	0.1573
rs75655606	C	0.3254
rs75296663	T	-0.2384
rs1600350	T	0.065
rs1441040	G	-0.0822
rs7643651	A	0.0842
rs116341973	G	0.1795
rs57476258	A	0.073
rs17685928	G	0.0995
rs74535587	A	-0.1856
rs341844	A	-0.056
rs16853074	A	0.0894
rs73857305	A	0.2223
rs79054374	C	-0.275
rs13092147	A	0.0731
rs148589045	A	-0.254
rs77481052	G	0.1793
rs2165518	T	-0.0545
rs78829414	T	-0.3225
rs35318795	A	0.1555
rs13325675	G	0.0962
rs11711001	A	-0.1013
rs13099357	C	0.0956
rs7621152	A	-0.2451
rs3856709	C	0.0545
rs61798164	C	-0.0998
rs12637177	A	-0.1618
rs56356701	T	0.0836
rs2596931	G	-0.1323
rs1483836	G	-0.0543
rs140525853	G	0.2291

rs62246296	G	0.1057
rs56377849	A	-0.0615
rs115959858	A	-0.2465
rs1426384	A	-0.0585
rs1299704	C	-0.0532
rs2639264	T	0.0579
rs114113354	G	0.063
rs77105498	G	-0.0845
rs34187390	A	-0.0539
rs690388	C	-0.0624
rs113617155	G	0.1258
rs73814965	G	-0.1149
rs6764279	A	-0.0576
rs79487968	T	0.2971
rs9878648	T	0.0558
rs111677060	T	0.2713
rs7628968	A	-0.0704
rs79544071	C	-0.1824
rs36193161	C	0.2719
rs10510488	C	-0.057
rs142335292	T	-0.3603
rs11917202	A	-0.0688
rs9873066	G	0.0889
rs74734236	G	-0.1969
rs74715168	A	-0.1609
rs111432844	C	0.2415
rs267514	A	-0.0688
rs58962325	C	0.2217
rs17044643	G	0.0716
rs58819808	T	-0.1197
rs114273040	G	-0.2479
rs35581265	A	0.2139
rs73135713	C	0.1875
rs9810389	G	0.063
rs71327602	G	0.3181
rs3917132	G	0.2971
rs12496919	C	0.2087
rs66665035	T	0.0721
rs10510844	G	0.1338
rs73020728	A	-0.1681
rs71310424	A	-0.1171
rs12493771	A	0.3836
rs7639580	G	0.0617
rs61763238	C	0.1018
rs113653473	A	-0.3382
rs34993306	A	0.0511
rs9863257	T	-0.2636

rs9852998	T	0.0549
rs76386065	G	0.17
rs1404550	G	0.0695
rs147307389	A	-0.2691
rs10935086	C	-0.1539
rs80017031	C	0.2306
rs7648091	T	-0.067
rs140842300	T	0.275
rs34266684	C	-0.1266
rs10937003	T	0.06
rs2596933	G	-0.0587
rs77709628	C	-0.1097
rs1971222	T	-0.0962
rs62251079	C	0.0698
rs144915585	A	0.1408
rs73132870	G	0.2169
rs2613936	T	0.0672
rs73866681	A	0.1631
rs10510985	T	-0.05
rs13100290	A	-0.0613
rs71308122	A	-0.0786
rs793617	A	0.074
rs2590435	T	0.1033
rs690343	C	-0.051
rs2008299	G	-0.0493
rs75817065	C	0.1278
rs11719120	C	0.072
rs78041783	C	-0.1393
rs74442715	G	0.178
rs138186017	T	0.1905
rs71325396	A	-0.0877
rs11708474	C	-0.2701
rs358053	A	0.0607
rs144244084	C	0.3369
rs17216347	A	0.2668
rs237855	C	0.0499
rs77569578	G	-0.1392
rs79076265	A	0.1349
rs7427663	G	-0.1016
rs904267	A	-0.0506
rs6805718	A	0.0762
rs16848155	A	-0.1077
rs76140425	T	0.2954
rs144924146	A	-0.0558
rs11708449	G	0.2404
rs4527404	C	-0.0492
rs4552314	A	-0.0488

rs76538807	T	-0.1675
rs4452305	G	0.1811
rs7618431	T	-0.0772
rs17041710	C	-0.0588
rs9874156	C	-0.0917
rs62251993	A	0.0629
rs12638326	C	0.2664
rs77815341	T	0.1157
rs6781192	A	-0.223
rs139069443	C	-0.3371
rs79207242	C	-0.1522
rs112105914	C	0.1752
rs77993828	T	0.1854
rs4635681	G	0.0639
rs17370322	T	0.1651
rs148582579	A	0.2245
rs1680777	A	0.0585
rs4411878	T	-0.0566
rs709510	T	-0.0484
rs34520988	T	0.1705
rs12054332	C	0.0693
rs77349313	C	0.1517
rs59967356	C	0.0973
rs62262994	T	0.1528
rs1554119	A	-0.0716
rs9855771	T	0.0819
rs9860747	T	0.0811
rs73135588	G	-0.0976
rs62272588	G	0.1227
rs116337039	T	0.3028
rs13090325	A	-0.0986
rs112070301	A	0.0785
rs146847101	T	-0.3077
rs2461821	T	0.0502
rs2611612	C	0.0527
rs7650733	G	0.3228
rs2844405	G	0.0702
rs62391971	A	-0.0869
rs12491309	T	-0.0933
rs6762200	T	-0.0512
rs4677055	A	0.0753
rs12639143	G	0.1032
rs12494517	C	0.0621
rs6765457	A	-0.0489
rs71323476	T	0.1785
rs77692530	C	0.3014
rs6775305	G	-0.0487

rs16858780	C	-0.087
rs10212569	A	0.0836
rs62263763	T	0.1042
rs278391	C	-0.065
rs4683495	C	-0.0471
rs114137525	C	0.1296
rs9876756	A	0.1792
rs1400197	T	-0.2344
rs74782113	C	-0.1067
rs146176633	C	-0.2906
rs12107950	A	-0.0543
rs116810064	A	0.1879
rs146692264	A	0.2386
rs73022613	A	0.1388
rs17033194	C	0.0598
rs147703165	A	0.1791
rs6809908	G	-0.0662
rs729208	C	-0.0567
rs116034739	A	-0.1881
rs62232772	A	0.1005
rs7615524	T	-0.0517
rs147073284	A	0.2907
rs1450097	C	-0.0493
rs62246333	T	0.1314
rs78645744	A	-0.0544
rs144747720	T	-0.2267
rs1354196	G	0.0499
rs62246314	A	0.1084
rs9833988	G	0.2049
rs2043549	T	0.0753
rs7650629	A	0.048
rs143085768	A	0.0832
rs62249278	T	0.1379
rs114087565	T	-0.0712
rs116056608	T	-0.1124
rs80060485	C	-0.1979
rs11925220	C	-0.0482
rs7636726	T	0.0641
rs7634075	G	0.2225
rs72494889	T	0.1276
rs2347106	T	0.1655
rs4683306	C	0.2406
rs1357499	G	0.0807
rs75940184	C	-0.2258
rs116460380	A	-0.2351
rs13065485	G	-0.0485
rs10513840	C	-0.0578

rs151136239	A	-0.205
rs59314816	C	-0.0901
rs76343649	T	0.2197
rs6779792	C	0.0473
rs4331703	T	0.054
rs9879467	T	-0.0811
rs7635895	G	0.0956
rs74918516	C	0.1196
rs7611388	A	0.1071
rs2700263	T	0.0855
rs12494857	C	0.0969
rs11721241	A	-0.0463
rs35373020	T	0.1617
rs13081455	C	-0.1727
rs9864435	T	-0.0864
rs1387125	A	0.1095
rs115869027	A	0.3063
rs74458302	C	-0.053
rs116531071	C	-0.1431
rs4858348	G	-0.0472
rs62247683	T	0.0622
rs1499992	G	0.0769
rs13083060	A	-0.05
rs76960635	G	0.1481
rs62283811	T	0.1164
rs72631215	A	-0.1131
rs1398065	T	0.0516
rs144517239	T	0.1748
rs452792	A	0.073
rs12486302	G	-0.0566
rs17063578	C	-0.1468
rs1374871	T	0.1638
rs17605534	A	-0.1327
rs4459895	A	0.0651
rs10446282	A	0.0723
rs12492409	G	0.0483
rs58595842	C	-0.0852
rs35333734	C	0.0493
rs641035	A	0.0502
rs11918276	A	0.1185
rs3849498	C	-0.0451
rs114779440	T	-0.1102
rs77553634	G	-0.1481
rs113832838	A	0.135
rs2012023	C	0.0556
rs147919220	A	-0.142
rs1158265	C	-0.0508

rs115955563	A	0.1334
rs115352114	T	-0.1156
rs5003534	T	0.2128
rs9882853	C	-0.2289
rs9835506	G	-0.0464
rs60184902	T	-0.1291
rs9878307	A	0.0795
rs17057718	T	-0.062
rs2891885	T	0.0565
rs34755664	T	-0.1921
rs73053248	C	0.1418
rs62266958	T	-0.1229
rs35126902	C	-0.0503
rs12498138	A	0.0856
rs73163203	A	0.0781
rs6771506	T	-0.0634
rs77644199	A	0.2354
rs6422142	C	0.0521
rs4855608	T	0.048
rs116598269	T	0.2373
rs1844886	G	-0.2121
rs147179468	T	0.3014
rs144407327	G	0.1513
rs6769094	T	-0.0552
rs114688004	C	0.3641
rs76717940	T	0.1024
rs74908880	T	0.073
rs11709145	A	0.1487
rs78257320	T	0.3068
rs73185334	T	0.1263
rs62258974	A	0.1668
rs114915450	G	0.3023
rs36050527	A	-0.2292
rs2164365	A	-0.0522
rs7621311	A	0.0619
rs111772375	T	0.1805
rs1033237	T	0.094
rs115760101	T	0.1979
rs146552851	A	0.3721
rs73103257	C	0.0814
rs4974147	T	0.0543
rs9882898	G	0.0632
rs139633474	T	0.2142
rs2555242	T	0.077
rs13089585	C	-0.0977
rs9845966	T	-0.0459
rs73226916	T	0.0689

rs146569999	A	0.368
rs2363942	G	0.046
rs13088089	C	-0.0506
rs76984319	A	-0.2621
rs142460090	T	0.316
rs9839187	G	-0.048
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rs639690	C	0.0779
rs4437183	A	-0.0705
rs6776600	G	0.0596
rs17037357	T	0.0693
rs75134207	T	0.2027
rs282858	T	-0.1465
rs143914112	C	0.1725
rs11709702	T	0.0656
rs62410768	A	0.1178
rs6438994	A	-0.0486
rs74408089	C	-0.1829
rs186892	C	0.0999
rs2130996	C	0.0514
rs116142826	C	0.2147
rs77486676	C	0.2289
rs146584221	T	0.2658
rs35417265	T	0.105
rs17076001	A	0.1163
rs9290142	G	-0.0873
rs75513699	A	-0.1274
rs9884013	A	0.0553
rs2644217	T	0.0652
rs6778424	T	-0.0615
rs9842417	C	0.1449
rs977224	G	0.0495
rs57050685	G	-0.0658
rs57925479	A	0.0593
rs3849427	T	-0.1181
rs16863015	C	0.0945
rs7612076	C	0.0748
rs13077697	A	0.045
rs73035885	A	0.2162
rs62234242	G	0.0606
rs1017348	A	-0.0549
rs12485763	A	0.1691
rs1588965	T	-0.0601
rs71317757	G	0.1265
rs7643827	G	0.1081
rs784499	G	0.1262
rs9870507	C	0.1798

rs113571749	G	0.0835
rs73080339	G	0.1203
rs9816487	G	0.0742
rs76931802	A	0.111
rs2268495	A	0.0588
rs4682491	A	0.0567
rs1403069	A	0.0434
rs56247459	T	0.5128
rs116136194	T	0.2641
rs4389439	T	0.1072
rs141378653	A	0.1208
rs73053833	A	0.1536
rs6810383	A	-0.0611
rs12629379	T	0.1171
rs74809616	A	0.2322
rs17067154	G	-0.0484
rs197769	G	-0.0453
rs13065055	G	0.2762
rs80003331	A	0.1396
rs76799183	A	-0.0941
rs546587	C	0.1272
rs12486024	C	0.11
rs10511101	C	0.0455
rs6798239	C	0.0659
rs72947774	A	0.1153
rs7642727	A	0.051
rs79598068	C	0.1416
rs56047778	G	-0.0528
rs16854445	T	-0.0822
rs138475432	G	0.2584
rs6789262	G	0.057
rs13060819	C	-0.0504
rs73182806	C	-0.1248
rs11706014	A	0.0972
rs33965905	T	0.0558
rs11705769	C	-0.1482
rs112069050	A	-0.2105
rs9809328	G	-0.0678
rs151303018	T	-0.2018
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rs77230198	A	-0.2065
rs189372	T	-0.0452
rs9852933	A	-0.0759
rs4145120	A	0.0511
rs2639220	T	0.0425
rs139428813	T	0.3554
rs17445306	T	-0.1868

rs6446117	T	0.0538
rs9883205	T	-0.0674
rs17634785	G	0.0978
rs9832021	A	0.1043
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rs12635919	T	0.0449
rs11916157	T	0.2275
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rs76041641	G	-0.1541
rs11713732	T	0.0643
rs7611943	T	0.1164
rs116732219	A	0.1413
rs1730226	A	0.0443
rs13087915	G	-0.046
rs73031373	G	0.2391
rs62285856	T	0.0608
rs6774841	T	-0.0451
rs13079424	A	0.0448
rs16859140	C	-0.0549
rs6762261	T	-0.0592
rs62246340	T	0.1263
rs2029118	A	0.0885
rs10937335	T	-0.0605
rs62271362	G	-0.3302
rs4684712	C	-0.05
rs7426860	C	-0.1497
rs9810362	C	0.1282
rs78524774	C	0.1007
rs114391376	C	0.1652
rs113238975	T	-0.193
rs73176831	T	0.1789
rs78867322	G	0.0765
rs4680228	T	0.0484
rs56117409	A	-0.1133
rs36123465	G	0.0946
rs59102783	C	0.2721
rs1440386	G	0.0495
rs36149609	A	0.0706
rs148528159	G	0.2641
rs9681597	T	-0.0442
rs115220981	G	0.1852
rs9833373	T	0.0493
rs55735243	C	0.0618
rs76446891	G	0.3155
rs1917098	C	-0.0479
rs12633811	T	0.0445
rs7374197	A	0.0454

rs1979946	G	-0.0422
rs73161387	T	0.2331
rs146588248	G	0.1503
rs1773242	G	0.048
rs9874228	A	0.1625
rs138123661	T	0.2002
rs12630452	T	-0.1313
rs1449295	G	0.1222
rs56016701	T	0.1791
rs35254701	C	0.0475
rs139628827	G	0.3506
rs35492261	A	0.2814
rs138066009	T	-0.3188
rs2197942	A	0.0479
rs11915742	C	-0.0798
rs3806662	A	-0.1072
rs114514695	G	0.1191
rs12632648	A	0.0432
rs3845869	T	-0.0562
rs12491094	A	0.0508
rs1767087	T	-0.1021
rs13082945	A	-0.2849
rs6444973	T	0.045
rs113498618	C	-0.2883
rs11707739	C	0.0532
rs116591658	C	-0.2983
rs17712481	A	0.2079
rs9829238	G	0.0606
rs55755405	T	0.1112
rs4677887	G	0.0443
rs9864422	T	0.0616
rs6804570	T	-0.0435
rs9876068	G	-0.1137
rs9863821	C	-0.0522
rs62231826	C	0.1366
rs1286752	T	0.0515
rs13074343	C	-0.0503
rs148485863	T	0.1422
rs529304	C	0.1622
rs17826234	G	-0.1594
rs3773779	C	-0.0821
rs147346832	G	0.2199
rs61797633	C	0.0609
rs9759127	A	0.0547
rs137997826	T	0.2173
rs78132719	T	0.1772
rs73026855	C	-0.1518

rs115266396	A	0.1715
rs213326	G	-0.0429
rs12488600	T	0.0781
rs11715636	C	0.0749
rs28592895	A	0.0713
rs55633978	A	0.0751
rs4305451	C	-0.0493
rs9657912	C	-0.145
rs73220502	G	0.1224
rs13061724	G	-0.0992
rs1868143	T	-0.0588
rs78371224	A	0.1949
rs111865820	C	0.2978
rs55952036	T	0.1245
rs73111385	G	-0.1622
rs150174229	A	0.318
rs1877564	C	-0.0551
rs56201973	A	-0.0723
rs984596	T	0.1083
rs16823941	C	0.0534
rs73075635	A	0.3042
rs74506478	G	-0.2482
rs12715524	C	0.0652
rs139803153	A	-0.207
rs2201582	A	0.0412
rs13094095	A	-0.1502
rs163479	T	0.0561
rs115305136	T	0.1827
rs1352658	C	-0.0438
rs9847341	T	-0.0691
rs9917656	C	0.0518
rs11712103	C	0.0708
rs55909963	T	-0.0634
rs1021675	C	0.1397
rs6803358	G	-0.043
rs113969232	C	-0.1225
rs113269651	G	0.0793
rs73093756	T	0.1776
rs9880801	A	0.0431
rs10513861	T	-0.08
rs76972811	G	0.1055
rs9798912	A	-0.0678
rs13082812	C	-0.0554
rs2055359	T	-0.0467
rs16829121	C	0.0843
rs1392702	T	-0.0439
rs13089350	G	-0.0954

rs79134551	A	0.1496
rs3913578	G	0.0552
rs13093343	C	0.0573
rs35466234	G	-0.0708
rs77794222	T	0.1306
rs78880177	C	0.2315
rs79464259	A	0.1644
rs62637653	A	0.2709
rs73082914	T	-0.0949
rs114305493	T	0.1862
rs75361937	T	-0.1507
rs115888441	C	0.2193
rs73203451	A	-0.1116
rs17346869	C	0.1649
rs111568528	C	0.2405
rs115881710	G	-0.3041
rs17043526	C	0.1985
rs6550702	A	-0.0494
rs9866764	C	0.0753
rs2729281	C	-0.0452
rs17261458	G	-0.1794
rs62244630	G	0.0971
rs575444	A	-0.0795
rs141381133	A	0.3055
rs73180996	A	-0.1754
rs79019536	T	0.1394
rs4679909	T	0.0451
rs6763266	C	0.0425
rs9826148	T	0.0677
rs74622624	G	0.2989
rs1147736	G	0.0421
rs13091783	A	0.1885
rs396426	T	-0.05
rs73174773	C	-0.1745
rs55714477	A	-0.0824
rs4642149	A	0.1592
rs1597466	T	-0.0664
rs13059981	G	-0.0587
rs1607226	T	0.0642
rs35361210	G	0.0834
rs2961210	A	0.0425
rs79878861	C	-0.2631
rs2639573	A	0.0913
rs968385	C	0.0988
rs138457487	G	0.1826
rs6771869	C	0.2241
rs1286728	T	0.0562

rs9843322	T	-0.0673
rs114658092	A	-0.2714
rs75242343	G	0.0629
rs76915385	G	-0.1494
rs35935954	T	-0.1089
rs73138464	G	0.1568
rs113958768	G	-0.2605
rs114488144	T	-0.176
rs77154990	G	-0.3075
rs2015160	A	0.0616
rs12495035	T	-0.0747
rs2637984	A	-0.0921
rs141108143	A	0.218
rs1352856	T	-0.0605
rs73892122	C	0.0624
rs2218152	T	-0.0472
rs6796696	C	-0.0486
rs275685	A	-0.0615
rs62273385	G	0.0737
rs7633534	A	0.2148
rs140059073	A	-0.1803
rs6787874	A	0.0473
rs6776822	T	0.0599
rs9844477	G	0.165
rs2613994	C	0.0422
rs116520489	A	0.1675
rs7632727	C	-0.0639
rs151179131	G	-0.2201
rs6762738	C	0.0464
rs3846114	G	-0.0613
rs9858600	A	-0.1089
rs4676734	T	0.0505
rs150195233	G	-0.2649
rs13070952	T	-0.0441
rs79704531	T	0.147
rs7635516	C	-0.0434
rs1991442	A	-0.0409
rs6792768	A	-0.0906
rs74320765	T	-0.0986
rs76298748	A	0.1345
rs2289211	G	-0.0424
rs6800220	T	0.0438
rs6441795	T	-0.0724
rs9840932	T	-0.041
rs4856009	T	0.1484
rs6808653	A	0.0686
rs708570	G	-0.048

rs977951	T	0.074
rs11918047	C	0.0521
rs1391861	T	-0.115
rs139098407	A	-0.2646
rs62266460	T	0.0714
rs114788742	G	0.3405
rs72917500	A	0.1364
rs6773302	T	-0.0615
rs140263829	T	0.2105
rs7616825	T	-0.0731
rs78813904	A	0.092
rs112759394	T	-0.1039
rs2197397	T	-0.1793
rs17063054	G	-0.2848
rs779325	C	-0.0522
rs12186082	G	0.049
rs72874557	T	-0.1066
rs7642056	G	-0.0453
rs78108845	G	0.2215
rs141684426	A	-0.2745
rs9872086	C	-0.0587
rs17685252	G	0.0859
rs149926740	C	0.4216
rs4677120	A	0.0419
rs2168423	C	-0.1469
rs114443133	T	-0.3443
rs112186056	A	0.1814
rs11709621	T	0.0522
rs6783293	C	0.0615
rs6809621	T	0.05
rs78861874	T	-0.1132
rs78358670	T	-0.2339
rs9811213	T	0.1091
rs143827255	A	0.3777
rs957501	T	0.0437
rs6795094	C	0.045
rs115082619	A	-0.1326
rs60637290	C	0.1381
rs34811355	A	0.048
rs7630043	A	-0.0683
rs77264317	A	0.0815
rs9862750	G	-0.1985
rs542352	A	-0.0443
rs6807670	G	0.0428
rs11716222	A	-0.0403
rs9832539	G	0.0417
rs6583185	T	0.1606

rs357144	A	-0.046
rs4352402	T	-0.1366
rs115510291	G	0.1143
rs16851531	A	0.1606
rs9811896	T	0.0438
rs79899520	C	0.2625
rs17035778	T	0.0695
rs2133887	A	-0.0417
rs76595911	T	-0.1823
rs6801784	A	0.1412
rs2676370	T	-0.0452
rs73060441	T	-0.067
rs6785028	T	0.0492
rs34706715	G	-0.0945
rs3772498	G	-0.065
rs58722376	A	0.0428
rs57425298	T	-0.0525
rs79916071	A	0.0929
rs7644388	T	0.0484
rs150393797	G	0.3502
rs73238880	A	0.1037
rs10936847	G	-0.0405
rs73058397	G	0.2913
rs75424974	T	0.0999
rs77264078	C	0.1803
rs13067021	A	0.0419
rs9846205	A	-0.0878
rs2625288	G	0.049
rs115100027	C	0.2134
rs17695525	A	0.1985
rs1463626	A	-0.0748
rs112791328	G	-0.1582
rs62270979	A	0.0878
rs80168360	G	0.075
rs114251672	C	-0.1308
rs7629779	G	-0.0431
rs1587586	T	-0.2734
rs9816693	C	0.0547
rs144636523	G	-0.126
rs13097225	A	-0.0572
rs74638248	A	-0.3145
rs73026506	C	-0.0491
rs9838516	C	0.0707
rs79745167	T	0.2407
rs11919563	C	-0.0487
rs938416	G	0.0431
rs9289953	T	-0.0584

rs11706293	A	-0.0462
rs11916731	A	-0.0704
rs7651016	T	-0.0539
rs115963864	A	0.1532
rs77587247	T	0.183
rs142699346	G	-0.3095
rs6799673	A	-0.0633
rs62257177	T	-0.072
rs35860574	G	0.347
rs4410406	A	-0.0488
rs355097	T	-0.0683
rs76928387	T	-0.0661
rs4577409	G	-0.0427
rs6762024	G	0.1696
rs12486149	C	0.0409
rs17030584	G	0.066
rs17283708	T	0.0621
rs145935047	G	-0.2218
rs34579902	A	0.2193
rs17397601	A	0.1619
rs9819166	C	-0.046
rs9862486	G	0.0618
rs7650713	C	0.1196
rs150628303	G	0.1432
rs4306855	A	-0.0498
rs62269503	C	-0.3635
rs78404583	C	0.18
rs5030003	G	0.0404
rs71328481	A	-0.0811
rs11130916	G	0.0472
rs1723545	C	0.0464
rs76380315	C	-0.178
rs2863009	G	-0.0412
rs1506206	C	0.041
rs150356445	T	-0.2127
rs16856329	G	0.0612
rs73229917	C	0.0669
rs78364302	C	0.2127
rs78223054	G	0.2753
rs77792500	G	0.2689
rs7637862	G	0.0557
rs2293198	G	0.0412
rs6794758	T	-0.0507
rs79586264	C	0.2099
rs55922157	T	-0.0694
rs111339344	T	0.1998
rs4241360	T	0.0426

rs62322826	A	-0.0657
rs79885616	T	0.0812
rs62265991	C	-0.0487
rs12493389	G	0.0431
rs74945894	A	0.1296
rs7635478	A	0.2162
rs137869707	C	-0.3145
rs12107202	T	-0.0546
rs6789464	G	0.0562
rs10513491	T	0.0471
rs111283696	T	0.1827
rs116026478	C	0.0993
rs6805870	T	0.0736
rs116662327	C	-0.227
rs187002	T	-0.0478
rs574769	C	-0.0756
rs13067663	A	0.0547
rs76652641	C	-0.1313
rs10936575	C	0.0426
rs1687863	G	-0.0473
rs17034099	A	0.1984
rs9814439	G	0.1893
rs116901012	C	-0.1906
rs10935448	A	0.1489
rs2518796	C	0.0411
rs62245560	A	0.2106
rs9873418	T	-0.0469
rs75126986	G	-0.1514
rs56353153	C	-0.1194
rs6782591	G	0.0484
rs4677722	C	0.0408
rs78091835	T	-0.0751
rs12491742	G	0.1273
rs140422101	A	0.3778
rs62259941	A	0.1403
rs11918995	T	0.1508
rs59461214	G	0.0406
rs114134662	C	0.1163
rs3887373	G	-0.043
rs114448982	T	0.3899
rs6765356	C	-0.3453
rs3773980	A	0.0556
rs2633781	A	0.0404
rs115608264	T	-0.132
rs17636599	T	0.1784
rs59052470	T	0.051
rs9868401	T	0.0904

rs146156291	A	0.3308
rs80028515	T	-0.1272
rs79103482	A	0.1395
rs7638015	T	-0.0609
rs73824424	T	0.1018
rs114302311	C	0.1179
rs13316251	T	-0.1186
rs4258927	G	-0.0721
rs301963	C	0.0438
rs836344	T	0.0669
rs159148	G	0.0532
rs9878950	C	-0.127
rs4353770	A	-0.0429
rs61315835	A	-0.0416
rs144838207	T	0.1642
rs76860349	T	0.1518
rs71304474	C	-0.0791
rs4494863	G	0.0778
rs62292379	C	0.0737
rs73146729	C	-0.2582
rs56205912	C	0.3323
rs2359207	G	-0.0443
rs11922053	G	-0.1939
rs725898	C	0.0772
rs7629234	A	0.0747
rs78547391	A	0.1339
rs77833543	G	-0.1949
rs548933	C	-0.045
rs13096221	T	-0.0506
rs6792022	G	0.0789
rs10154891	A	-0.2148
rs6801434	A	0.0446
rs16864381	C	0.044
rs62234892	G	0.0863
rs9845763	A	0.0512
rs2090713	G	0.0818
rs17710899	T	-0.1329
rs3773308	A	0.0497
rs9824029	T	0.0475
rs9879393	T	-0.0424
rs80220499	G	0.0924
rs6789827	C	-0.0521
rs62267915	T	-0.0765
rs74922912	C	0.0834
rs62236292	T	0.1865
rs2013773	T	0.041
rs76963961	A	-0.1722

rs28685745	C	0.09
rs78513233	A	-0.0748
rs7634942	C	-0.0407
rs73154239	T	0.0794
rs67852905	G	-0.0411
rs13080562	A	0.0454
rs76918659	A	0.1882
rs12495353	G	0.0943
rs114658183	A	0.2815
rs9869689	T	0.0652
rs2977561	C	0.0472
rs13094421	G	0.0668
rs12488443	A	0.1441
rs4308265	A	-0.0953
rs342040	G	0.0618
rs13091846	A	-0.1807
rs1946424	T	-0.0393
rs7613077	T	0.0893
rs151162094	G	0.2785
rs1403066	C	0.0586
rs7649422	C	0.0868
rs4677754	G	0.0594
rs7615378	G	-0.0661
rs324035	A	-0.0508
rs115296518	A	0.0768
rs56659503	G	0.1515
rs79280105	G	-0.2321
rs2700452	C	-0.0483
rs79172782	G	-0.0434
rs115212159	C	0.1347
rs73156958	T	-0.1787
rs17044147	C	-0.2413
rs11717408	G	-0.0848
rs11715118	C	0.0546
rs7355875	T	0.0445
rs35537946	A	-0.0488
rs56284874	A	-0.0514
rs72867150	A	0.1241
rs6768275	A	0.0977
rs116339150	T	0.2436
rs80043755	C	0.2756
rs2197912	T	-0.041
rs2886524	A	-0.0393
rs71309848	G	0.064
rs11714154	T	-0.1806
rs79793423	C	0.1543
rs12634802	C	0.0481

rs59704791	A	-0.0429
rs147831570	T	0.2934
rs114805750	T	0.0746
rs826378	T	-0.0409
rs73185617	A	-0.0927
rs17043972	T	0.0604
rs115860648	A	-0.2162
rs4547730	A	-0.1223
rs73164929	T	-0.0754
rs144424957	T	-0.1313
rs9839849	C	-0.041
rs6445368	A	-0.0534
rs2075360	T	0.0452
rs10935092	A	0.2461
rs116617769	A	-0.153
rs4677244	G	0.0388
rs116260182	C	0.2886
rs7617462	G	-0.0527
rs6770457	A	0.2046
rs2648522	G	0.0682
rs77502793	A	0.1705
rs6789983	G	0.0568
rs62292470	A	-0.0537
rs60170583	C	0.1498
rs56841747	T	-0.0451
rs111593175	A	0.2455
rs1795158	A	0.0543
rs9829507	G	-0.0419
rs115392774	A	0.2144
rs34840169	A	0.0757
rs149372563	G	0.2752
rs17008124	A	-0.0886
rs9845566	C	0.2586
rs1389794	C	0.0516
rs80300536	A	-0.082
rs2373255	A	0.0407
rs78989496	G	-0.076
rs75818596	G	-0.0787
rs9829944	C	-0.0435
rs4053780	A	0.0409
rs62262296	A	-0.1145
rs115815643	G	0.1508
rs74936769	T	-0.2155
rs67883066	T	0.2344
rs9814713	G	-0.1922
rs73213742	T	-0.0956
rs13072136	G	-0.0581

rs11718935	T	0.0579
rs77909997	G	-0.1896
rs60429130	G	0.0854
rs2100959	G	-0.0519
rs67822626	C	-0.0607
rs138686984	A	-0.2218
rs11707721	A	0.0619
rs1132200	T	0.0528
rs79141242	C	-0.1199
rs17353162	T	0.0608
rs9852128	G	0.0465
rs76681827	G	0.1801
rs2048284	G	0.0448
rs7640010	T	0.3142
rs115562274	A	-0.4047
rs618115	T	0.0758
rs6809777	T	-0.044
rs1992991	T	-0.0709
rs79737535	A	0.1135
rs34710626	A	-0.0631
rs1554564	T	-0.0394
rs2880208	G	-0.0501
rs2943306	C	-0.0492
rs78256289	C	-0.1851
rs138645055	C	0.2367
rs146705060	T	-0.1983
rs139789136	A	-0.2276
rs73118351	T	0.0713
rs79747569	G	0.081
rs567713	T	-0.0698
rs9863981	G	-0.0431
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rs115889321	C	0.1667
rs79294353	C	-0.0881
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rs9878539	A	0.0621
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rs114804117	T	0.2198
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rs71319117	T	0.1766
rs113372365	T	-0.1669
rs73154558	G	-0.1706
rs7617742	A	-0.0542
rs116647953	T	0.0848
rs80257350	T	-0.0707

rs75374576	T	-0.069
rs17784095	C	-0.0873
rs9850293	A	-0.0674
rs58805118	G	0.0612
rs62286275	T	-0.0593
rs75624799	A	-0.0432
rs34713498	A	-0.1433
rs111897872	T	0.1565
rs73203519	A	-0.1698
rs76771597	T	0.1377
rs6795172	A	0.0391
rs6549939	T	0.0555
rs7643746	C	-0.0397
rs16857644	G	-0.0615
rs34978319	T	0.0578
rs12489389	G	0.0912
rs1603981	A	-0.0496
rs9876329	T	0.0479
rs820439	C	-0.2053
rs4685749	C	0.0899
rs9814450	A	0.1434
rs9832111	A	0.0406
rs73209818	T	0.0885
rs12494852	A	0.0805
rs77296047	A	-0.1146
rs12637047	T	-0.0393
rs7610923	G	-0.0507
rs59335168	A	0.0524
rs76808456	C	-0.111
rs62409181	T	-0.0644
rs28832316	C	-0.0933
rs115056521	C	-0.1012
rs578077	C	-0.0515
rs74788215	T	-0.102
rs79554866	T	-0.1847
rs78670157	C	-0.133
rs75653059	T	0.1471
rs57079699	A	-0.069
rs9859223	T	-0.0923
rs74653960	G	-0.1981
rs10510936	C	-0.0682
rs9842594	A	0.0593
rs34659356	G	0.1046
rs139451424	G	-0.2742
rs73169255	C	0.0579
rs35341774	C	-0.0726
rs114247943	T	0.173

rs6443127	G	0.0412
rs9835911	T	-0.0439
rs17205124	T	-0.2747
rs9851413	C	-0.0454
rs79485915	G	0.0571
rs7629687	A	-0.0384
rs72622932	G	0.2221
rs66500746	A	-0.088
rs17191222	G	0.136
rs112636967	C	-0.2448
rs11928790	A	-0.0648
rs9866694	T	-0.1346
rs147052249	A	-0.3482
rs4955893	G	0.0762
rs9834560	A	-0.0386
rs157285	A	-0.0475
rs75649340	A	-0.1366
rs77968928	A	-0.0958
rs5025389	C	0.0408
rs77749519	A	0.1561
rs76873573	T	0.1145
rs358076	G	0.0439
rs34973765	T	-0.186
rs112655660	A	0.159
rs148501630	C	-0.216
rs10222673	T	0.0388
rs9985347	A	-0.1744
rs12489083	C	0.0448
rs75854629	C	-0.187
rs147325616	A	-0.2814
rs11129948	A	0.0427
rs146524231	A	0.1897
rs2400300	A	-0.0473
rs9843443	T	0.0468
rs74618645	A	-0.2329
rs114511906	T	-0.2446
rs2675185	T	0.0433
rs73072664	A	-0.2045
rs3845896	A	0.0439
rs73872446	C	-0.1262
rs5028132	G	0.0553
rs35588117	G	-0.1052
rs62247530	A	0.3102
rs141466167	A	0.1866
rs11719667	A	0.0403
rs358497	A	0.0398
rs80102840	A	-0.1609

rs148485910	C	-0.1425
rs73101398	A	0.0999
rs17662573	C	-0.043
rs9864562	C	0.0704
rs2712342	G	-0.0856
rs9842908	C	-0.0566
rs6781534	T	0.1623
rs149770531	A	0.259
rs9836876	A	0.0657
rs62245827	T	0.0663
rs145076656	C	-0.2554
rs2728973	T	-0.0427
rs56291289	A	-0.0603
rs2310165	A	0.135
rs9815453	G	-0.0409
rs143288647	A	-0.1749
rs7625403	C	0.0991
rs62292800	A	-0.0917
rs6785222	A	-0.0373
rs56175736	C	0.1201
rs9822449	A	0.0635
rs7652259	T	0.1787
rs75652043	G	0.0581
rs148104705	A	-0.1063
rs9830198	C	0.077
rs34667500	A	-0.0598
rs9822789	T	-0.0521
rs498494	G	-0.0702
rs55940238	T	0.2001
rs76463200	T	-0.1909
rs113817396	C	0.2494
rs67608474	G	0.045
rs12715662	G	0.04
rs6794881	T	-0.1362
rs72877337	G	-0.0585
rs7641285	C	0.0436
rs6599125	C	0.3172
rs76329456	T	0.1695
rs74787358	T	0.2025
rs1454152	A	0.0438
rs17618955	C	0.2109
rs11707555	T	0.0725
rs115124101	G	0.1947
rs17604578	G	-0.1021
rs7632287	A	0.0436
rs74727107	A	0.1972
rs143617551	A	0.3269

rs13067161	A	0.1109
rs113420566	G	0.1394
rs59650272	T	0.0925
rs586820	G	0.0486
rs11718549	G	0.0507
rs113890152	G	-0.1539
rs3772290	A	0.0372
rs62268867	T	0.0671
rs11923130	G	-0.0509
rs17601486	C	0.0748
rs55894551	A	-0.0617
rs9818025	G	0.0444
rs73867384	C	0.0516
rs155892	A	-0.1041
rs6772253	A	-0.103
rs931504	G	0.0973
rs34709234	A	-0.0837
rs9784384	T	0.0449
rs3774538	T	0.3101
rs1528906	G	-0.0588
rs78125088	A	-0.1278
rs61173309	T	0.2802
rs1077953	T	-0.0802
rs62256398	C	0.2006
rs61790791	C	0.0981
rs73025396	A	0.12
rs4855927	T	0.0385
rs16861598	T	-0.1811
rs62244508	C	-0.1449
rs56750460	T	-0.0629
rs6803914	G	0.0398
rs34631799	C	0.2628
rs55717817	T	-0.181
rs142246680	A	-0.1498
rs7638558	C	0.1314
rs17766647	G	0.0471
rs13066093	T	0.0504
rs79440877	A	0.1177
rs13080804	T	-0.2312
rs1962071	C	-0.0412
rs9848466	A	-0.055
rs146231021	A	0.254
rs12491740	A	-0.0882
rs9829900	C	-0.0491
rs2872006	C	-0.0384
rs2323692	A	0.2094
rs139142317	A	0.1504

rs6802408	A	0.0609
rs73155980	C	0.2212
rs79038354	A	0.1282
rs1604500	T	0.0937
rs6766556	C	-0.09
rs9809932	A	0.0831
rs74611968	G	-0.1713
rs73037288	A	-0.0922
rs657079	T	-0.0437
rs6778069	G	0.1006
rs6795270	A	-0.1478
rs77544771	A	0.0709
rs114466680	C	-0.1484
rs149918759	G	0.1887
rs1735460	T	-0.1676
rs145598922	C	0.2389
rs62278033	G	0.0463
rs4450782	C	0.0551
rs80134103	A	0.1941
rs1499813	C	0.0475
rs1501875	C	-0.0518
rs17235719	G	-0.0979
rs6551135	T	-0.0471
rs35357207	A	0.1661
rs74656315	T	-0.2301
rs12695430	G	0.0483
rs148642134	T	0.2033
rs139718640	T	0.2593
rs73865891	G	0.0816
rs11706409	T	-0.0772
rs13060898	G	0.0625
rs6442020	G	-0.0426
rs816151	C	0.0601
rs62265199	A	0.1766
rs9815188	C	0.1245
rs55640705	C	0.049
rs139380619	T	0.3453
rs4683698	G	0.042
rs9861970	G	-0.0415
rs114845633	T	0.3786
rs138064320	T	-0.2432
rs75101150	C	-0.1647
rs28567888	T	0.0428
rs6767057	A	0.0726
rs1024217	A	0.0465
rs146064643	C	-0.0816
rs1402232	G	0.124

rs75331333	G	-0.0744
rs6799880	C	0.0704
rs56703338	C	0.0862
rs77250196	G	0.096
rs7643666	G	0.1592
rs79060776	T	-0.3308
rs16859909	C	0.1666
rs6550981	G	0.0465
rs116776770	G	0.1799
rs13066837	T	0.043
rs6445339	A	-0.0469
rs6549290	G	0.0619
rs140183460	T	-0.1259
rs13093384	A	-0.0459
rs150750498	G	0.2352
rs73043199	C	0.0851
rs116182625	T	-0.28
rs9810735	T	0.2084
rs7615155	A	-0.0363
rs62243223	A	0.0467
rs11713435	G	0.0458
rs80189613	C	0.1831
rs60854967	G	0.3094
rs6791866	C	-0.0434
rs4688442	T	0.1534
rs9866572	G	-0.0384
rs2103079	C	-0.0482
rs4365631	T	-0.0391
rs77906443	C	0.1879
rs1523284	T	0.0379
rs73111541	A	0.051
rs145034325	T	-0.2527
rs9844464	T	0.1139
rs712869	A	0.0462
rs112690011	A	-0.1229
rs116685902	A	-0.2114
rs12107927	A	0.1098
rs71319268	C	0.065
rs73203913	C	0.2097
rs7650010	T	0.0607
rs17029405	A	-0.0635
rs114447288	A	0.1642
rs12487825	A	-0.04
rs16822875	G	0.1172
rs76763654	G	0.0775
rs4680212	C	-0.0415
rs76647397	C	0.0676

rs113894996	A	-0.2034
rs144692709	G	0.1953
rs116021394	T	-0.1234
rs7619327	A	-0.0633
rs17755207	A	-0.0509
rs10936537	G	0.0511
rs79914706	A	0.1212
rs879634	A	-0.04
rs1530653	T	0.1157
rs4677794	T	0.0409
rs34764164	T	-0.219
rs114184526	T	-0.1238
rs2201918	C	0.0399
rs35158456	T	0.0612
rs11926147	T	-0.0421
rs9861303	T	-0.0367
rs77957173	C	0.1213
rs78666139	G	-0.1874
rs112725464	C	-0.3326
rs79437217	C	0.17
rs79483157	A	0.1718
rs9818544	T	-0.1048
rs3765063	C	0.0469
rs80272668	C	0.2177
rs906379	T	0.1092
rs58052436	C	0.0527
rs34588634	C	-0.2144
rs143649960	C	-0.1296
rs3805015	G	0.0371
rs11720428	T	0.1014
rs28489326	C	0.0511
rs1992998	A	0.0401
rs114731273	G	0.1404
rs11714254	G	-0.047
rs113979955	T	0.0761
rs1356537	G	-0.0442
rs79339645	A	0.1639
rs2933303	T	0.0519
rs4685201	G	-0.0376
rs6789143	G	-0.0422
rs77088216	G	-0.1952
rs17013710	T	0.215
rs17384987	C	-0.1508
rs9883287	C	-0.3242
rs2083463	A	0.0701
rs61732466	A	0.208
rs34045576	C	0.0382

rs1004687	T	0.0471
rs9846671	A	0.0976
rs9883929	C	0.0939
rs62249306	A	-0.0377
rs62276911	T	-0.0825
rs115928528	T	0.1347
rs17478516	T	-0.2862
rs35609540	C	0.0992
rs62231854	A	0.0474
rs9831544	A	0.0407
rs874130	G	0.0441
rs155863	G	0.0381
rs16847145	T	0.0594
rs4522794	A	0.1668
rs2365740	C	-0.0542
rs116834668	A	0.1928
rs73207211	G	-0.0642
rs146994962	G	-0.201
rs115777315	T	0.3228
rs6802666	A	-0.0665
rs6440789	T	-0.038
rs9878206	C	0.0453
rs17694803	T	-0.2509
rs1710891	T	0.0381
rs6776479	C	0.0865
rs12631017	A	0.0533
rs76887750	A	-0.081
rs62253755	G	-0.0429
rs1451763	A	-0.0446
rs3755733	G	-0.069
rs73004874	T	-0.1471
rs4549242	T	0.0364
rs1498723	A	0.3275
rs2254913	A	0.037
rs116790689	G	-0.245
rs2290538	G	-0.0407
rs9815093	A	-0.0429
rs12631264	T	-0.0703
rs4487199	A	0.0421
rs4855962	C	0.0441
rs2886124	G	0.056
rs6792816	C	0.062
rs28581710	A	0.0366
rs13090597	T	-0.0711
rs115007415	G	-0.314
rs11918186	C	0.0694
rs16830076	T	0.0646

rs6438208	A	0.0491
rs147363142	G	-0.1683
rs17033257	T	0.0775
rs146523205	G	0.2548
rs9845885	C	-0.2437
rs139899183	G	0.1733
rs66637842	G	-0.0679
rs114643280	G	-0.0843
rs114855772	T	-0.1788
rs75439200	C	-0.1888
rs62268898	G	0.0726
rs1512524	G	0.0638
rs2378246	A	0.089
rs7744	G	-0.0503
rs113095953	G	-0.1475
rs267131	C	0.0471
rs1357270	A	0.1132
rs17033267	C	0.1052
rs2606770	G	0.0452
rs13434050	A	-0.1567
rs34859143	A	-0.0696
rs144416066	G	0.1844
rs74980790	A	0.1043
rs73219637	C	-0.0781
rs78720113	A	0.1074
rs7635608	T	0.0707
rs78702932	C	0.1877
rs116779318	G	0.2344
rs144954155	T	0.2933
rs9841720	T	0.241
rs34760424	T	-0.0983
rs143243012	A	0.1631
rs34242890	A	0.2204
rs6793025	A	-0.0615
rs12635839	T	-0.1072
rs6548418	T	0.0462
rs77543338	T	-0.2024
rs6769801	T	0.0415
rs11525734	C	0.1564
rs4894929	T	0.1628
rs12639486	G	-0.0545
rs12233587	G	-0.0454
rs6419799	G	0.0603
rs78291380	G	0.1568
rs149803860	A	0.1973
rs78257733	T	0.1813
rs6787951	A	0.0446

rs1983020	G	0.0611
rs4677867	G	0.0414
rs9821457	A	-0.0503
rs13075814	A	-0.1848
rs6550685	T	0.0644
rs140127629	G	-0.2631
rs140906137	C	-0.1778
rs59784454	A	0.2163
rs114061918	A	-0.1632
rs113893466	C	0.157
rs79742203	A	-0.2048
rs6785855	A	0.1753
rs60863173	A	0.0975
rs59684271	A	0.2567
rs79553964	T	0.0741
rs13321908	G	-0.0375
rs148477662	C	-0.1012
rs74376630	C	0.1455
rs115745844	T	-0.2102
rs16831670	T	0.0444
rs73201921	T	0.0749
rs6796108	G	0.0424
rs111478609	G	0.1092
rs112150019	G	-0.1362
rs115472261	T	-0.461
rs146731186	C	-0.2276
rs78054005	A	-0.0892
rs76097536	A	0.1575
rs73232537	G	-0.2196
rs2620534	A	-0.037
rs146764812	T	0.3386
rs115554649	C	0.2175
rs73044526	T	0.0434
rs373953	C	0.0603
rs6799240	A	-0.0572
rs1819017	G	0.0487
rs647882	T	-0.0454
rs9824450	G	-0.0447
rs73012878	G	0.06
rs6786723	T	0.0392
rs56245184	T	-0.0496
rs11720531	C	0.127
rs75475686	C	-0.1582
rs148789338	T	0.2038
rs140691254	A	-0.1808
rs60464413	G	0.12
rs17470684	T	0.069

rs146190944	C	0.3208
rs62280718	T	0.0451
rs78577626	C	0.133
rs415424	T	-0.2561
rs3846012	A	-0.0453
rs7634525	C	0.0722
rs4955876	T	0.0573
rs1516399	A	0.0446
rs72945445	G	0.1898
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rs62277699	G	0.0933
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rs75479668	T	0.0454
rs1394260	G	-0.0366
rs9817094	G	-0.159
rs116245641	T	0.2189
rs10511050	G	0.1181
rs114584454	G	-0.0471
rs116060432	A	0.1545
rs79508309	T	0.1922
rs17072704	T	0.1193
rs66714223	T	0.0543
rs9812902	C	0.0355
rs35234406	A	0.0668
rs954658	T	0.0481
rs142018345	A	-0.1585
rs11923362	G	0.0792
rs9844098	C	0.0457
rs139815377	T	0.1847
rs2082981	C	-0.0361
rs71326471	C	-0.0966
rs11711018	G	0.0576
rs979970	T	0.0956
rs13068331	G	-0.0402
rs79449076	T	0.08
rs13083456	C	-0.0566
rs1356292	C	-0.0467
rs79984615	G	0.1252
rs787191	C	0.0429
rs4443219	T	-0.0398
rs146013590	C	-0.1635
rs114398824	A	0.1461
rs1714407	G	0.0993
rs28641034	T	-0.0368
rs115583860	C	-0.1496
rs62235050	T	-0.0467

rs1485385	G	0.0385
rs10084764	A	0.0618
rs7643334	C	-0.0874
rs140318636	G	-0.2172
rs879465	G	0.0613
rs76889083	T	-0.1928
rs74801337	A	-0.1069
rs75728908	T	0.0886
rs138694134	G	-0.0631
rs143825760	T	0.3306
rs2082852	A	-0.0399
rs72886019	T	-0.0558
rs1701687	T	0.0364
rs76805530	A	0.1014
rs62277129	C	0.0592
rs112013007	A	0.1886
rs7634782	T	0.0416
rs35603558	C	-0.0574
rs664012	A	0.2285
rs9809781	C	-0.0582
rs2634130	C	0.0439
rs76167251	G	-0.1276
rs9818151	C	0.0444
rs2316896	C	0.0862
rs3773376	C	0.0513
rs9853662	G	0.0919
rs61795612	T	0.0692
rs73231215	T	-0.0914
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rs6800609	C	-0.0952
rs9814623	G	0.0384
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rs71323655	T	0.1065
rs55929306	C	-0.0422
rs139625365	T	0.1522
rs4505744	A	-0.0569
rs13092015	G	0.1429
rs7612558	T	0.0462
rs9882906	T	0.0402
rs28595523	T	-0.0459
rs75858051	T	-0.2393
rs6583222	G	0.06
rs114666388	C	-0.2331
rs114294685	T	0.1374
rs12487997	T	0.0354
rs72624405	G	0.071
rs9826420	C	0.1344

rs2942792	G	0.0439
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rs150345548	G	0.2153
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rs138671100	C	0.2535
rs6785182	G	-0.0423
rs62270219	C	0.1201
rs13063508	T	-0.0574
rs28544124	A	0.0538
rs779736	G	-0.1087
rs141152183	A	0.1676
rs17045009	A	0.1889
rs7647526	G	-0.0961
rs78193513	A	0.1782
rs111544941	T	-0.2498
rs1374798	G	-0.0467
rs115687608	C	0.3014
rs11707810	T	-0.0535
rs79978198	T	-0.1384
rs9819997	G	0.0376
rs77583130	A	0.0715
rs9858427	T	-0.0662
rs11709428	G	0.0874
rs5028175	A	-0.0432
rs9814200	T	0.0453
rs55991801	G	0.1335
rs17313732	A	0.0403
rs77425010	T	0.3272
rs9869958	T	0.1
rs1478311	G	-0.0523
rs1803446	C	0.1431
rs11921763	C	0.0573
rs1488410	A	0.0555
rs75934124	C	0.0945
rs111754034	T	-0.0949
rs4234594	T	-0.0466
rs279579	T	-0.0438
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rs2116295	T	-0.0389
rs113969369	A	-0.1148
rs517107	C	0.0509
rs55682715	A	0.1217
rs73156502	T	0.153
rs116786613	C	0.1221

rs1290661	T	-0.0489
rs78104902	A	-0.29
rs6809535	A	-0.0387
rs78836365	G	-0.1913
rs62280821	G	0.0594
rs112930676	G	-0.1323
rs9289881	G	0.04
rs13073584	T	0.2012
rs113042345	G	-0.1518
rs11716166	T	-0.0368
rs9860062	C	0.0533
rs115240066	A	-0.1688
rs148087178	G	0.2472
rs59905479	A	0.0516
rs2862637	G	0.0434
rs35913820	T	-0.0659
rs142210440	G	0.1642
rs9860734	G	-0.0531
rs138496752	C	0.2087
rs17399163	G	-0.234
rs6599127	T	0.0429
rs600011	C	0.0391
rs35816397	A	0.1313
rs115890749	T	0.1556
rs28559637	T	0.0758
rs116108084	A	0.1389
rs62270163	A	0.238
rs73151970	G	0.0809
rs114355147	T	0.199
rs11920066	C	-0.0723
rs6795861	G	0.0376
rs78720589	C	0.1403
rs12487188	G	0.0419
rs6763121	A	-0.0505
rs111657570	T	0.1742
rs113468293	A	0.1565
rs35796394	C	-0.0659
rs7633022	C	-0.0355
rs75547694	T	-0.1601
rs116293986	G	0.2704
rs114485203	G	-0.2881
rs13098806	C	0.0952
rs80237502	G	0.1474
rs77635253	A	0.065
rs72619963	A	0.0792
rs112952273	C	0.245
rs16850051	G	0.0601

rs80155956	A	-0.1666
rs6764193	A	-0.0456
rs79457566	G	0.1565
rs73187946	T	-0.1821
rs76126337	G	0.134
rs111849424	A	-0.113
rs819857	C	-0.0515
rs62274025	T	0.2028
rs113840251	A	-0.0483
rs10433502	T	-0.045
rs6802143	A	0.085
rs11708273	A	-0.2266
rs73144705	G	0.0561
rs115044240	A	-0.1379
rs77661121	A	0.167
rs811870	G	0.1747
rs9819523	T	0.2244
rs17711047	G	-0.0829
rs2202971	A	-0.0366
rs12487897	T	-0.0531
rs143852786	T	0.1937
rs58890170	C	0.1017
rs9874976	C	-0.0783
rs76513220	T	-0.2479
rs75708494	T	-0.3191
rs342731	A	0.0409
rs62242465	T	-0.0823
rs62235992	C	0.1017
rs77168651	G	-0.0425
rs6793784	T	-0.0677
rs111250554	T	0.074
rs3931191	T	0.0421
rs6805903	T	0.1202
rs2600318	A	0.0809
rs114034838	G	0.1634
rs77646852	T	0.104
rs80163631	G	0.2735
rs75187470	C	0.1252
rs13064673	T	0.3232
rs2173763	G	0.0694
rs6789834	C	0.1442
rs62279461	G	-0.1115
rs12632229	A	-0.0426
rs711542	C	-0.0706
rs114866491	C	0.2695
rs137911417	A	0.2281
rs2687893	T	0.1901

rs113243652	A	-0.1952
rs79117168	T	0.1237
rs56370139	C	-0.0882
rs6776617	A	0.1583
rs10936604	G	0.0447
rs9860802	T	0.0431
rs115414339	G	-0.2216
rs114044808	C	0.1624
rs3804594	T	0.0674
rs890348	G	-0.0474
rs73188647	A	0.1002
rs11707422	C	-0.1008
rs62257533	G	0.2751
rs75200713	C	0.079
rs6773185	C	0.2142
rs116138016	T	0.1592
rs17047825	A	0.1062
rs35583056	T	-0.139
rs17195365	T	0.0704
rs4271909	T	-0.0961
rs9831937	C	-0.0682
rs1567778	T	0.0398
rs75671746	A	0.1191
rs62243790	A	-0.2323
rs905569	T	-0.0429
rs62233883	C	-0.111
rs62276422	T	0.0633
rs34746516	G	-0.0402
rs73139985	G	-0.0762
rs9310622	G	0.0682
rs141148456	G	-0.1436
rs4858785	A	0.0398
rs9851598	A	0.0383
rs9824602	A	0.0356
rs55998114	A	0.1941
rs11928059	A	-0.0552
rs4282087	A	0.0469
rs76502391	T	-0.2002
rs17451920	C	-0.0745
rs6794081	A	0.1246
rs4330247	C	0.1429
rs115960078	T	-0.0657
rs147708550	T	0.063
rs6440392	G	0.0409
rs6442209	C	-0.0872
rs62245715	T	0.1073
rs147073231	T	-0.2074

rs62238534	C	-0.1486
rs113399128	A	-0.2514
rs144160540	C	-0.05
rs7629803	A	0.0369
rs56092942	A	-0.0656
rs111857386	A	0.1374
rs74514825	T	-0.2664
rs150604764	A	-0.2473
rs75495843	A	0.1983
rs66667187	G	0.1831
rs4856002	A	0.0453
rs150958116	T	0.1752
rs116460339	A	-0.1462
rs76658350	T	0.1591
rs17761157	A	-0.1702
rs9855431	G	-0.1101
rs6785093	T	0.0483
rs9846599	T	-0.0358
rs55676903	A	0.1066
rs1507429	G	0.0377
rs138421205	G	-0.1284
rs12485912	C	-0.0967
rs301930	A	0.1917
rs2364931	A	0.0371
rs7612217	T	0.1738
rs17594058	T	-0.0411
rs12495599	T	-0.035
rs73188687	A	-0.3185
rs58694197	C	0.185
rs12493391	G	-0.0515
rs56015891	G	0.2459
rs115453286	G	0.1405
rs4687038	C	-0.0528
rs116569363	T	0.1801
rs73191158	T	0.11
rs34618555	T	0.0728
rs115151472	C	0.1596
rs17742502	A	0.0374
rs10866075	C	-0.0352
rs12485253	G	0.1609
rs116512622	A	0.2166
rs113248969	A	-0.0647
rs145714624	G	-0.1831
rs73176975	A	0.1209
rs73150819	C	0.1766
rs78534375	T	-0.065
rs62251261	T	-0.0505

rs77447077	A	0.2305
rs17620998	A	-0.1542
rs664910	G	0.0389
rs148828946	A	-0.1028
rs76646538	C	0.1208
rs53576	A	-0.0418
rs6775104	T	-0.0343
rs13325137	G	0.037
rs4684731	C	-0.0707
rs17433672	T	0.0713
rs112263758	C	0.1765
rs342524	T	0.0394
rs1353395	C	0.0506
rs11926242	A	0.0966
rs9310128	A	-0.114
rs142360709	T	0.1495
rs166541	G	0.0345
rs139930246	A	0.1681
rs62266291	T	-0.0842
rs77624473	C	0.0838
rs115100827	G	0.2114
rs74916682	C	0.1539
rs16861205	A	0.0689
rs7611991	A	-0.0386
rs7637857	A	-0.0619
rs1396422	C	-0.0493
rs35539469	A	0.1785
rs60452950	G	0.1194
rs4688128	C	0.0403
rs6772040	T	0.0674
rs10513664	C	-0.0708
rs13062616	G	-0.05
rs13060801	A	-0.0375
rs146309004	C	0.2027
rs77774774	C	0.0984
rs7612910	A	0.0429
rs146862064	A	0.2546
rs139847324	C	-0.0534
rs7616999	C	-0.0499
rs34373965	G	-0.0384
rs62282054	T	-0.0881
rs144169903	T	0.1278
rs73079506	T	0.0581
rs1113808	A	-0.0356
rs74415209	G	0.1921
rs72625020	T	0.0499
rs71306779	C	0.1096

rs690636	T	-0.0364
rs11925403	G	-0.055
rs115938931	T	-0.1935
rs13060481	T	0.0554
rs733786	A	-0.0377
rs116669158	T	0.1671
rs7431241	A	0.0514
rs78804961	C	0.1348
rs9833164	T	-0.1814
rs4575885	G	0.0483
rs113299346	C	0.1788
rs9866784	C	0.0574
rs73185515	T	0.0635
rs2880209	C	0.05
rs17437928	A	0.0498
rs979000	A	0.0373
rs77026447	G	-0.1389
rs7610820	C	-0.0682
rs6784543	A	-0.0389
rs146267695	T	0.2288
rs16852712	T	0.1004
rs11917518	T	-0.0495
rs114099306	T	0.1633
rs732686	G	0.0457
rs12635080	T	0.0406
rs143969976	T	-0.1765
rs116130586	A	0.1986
rs73029135	A	0.0904
rs142117504	A	0.1239
rs6782105	C	0.0608
rs116630628	T	0.1423
rs9758298	A	0.0404
rs79213557	C	-0.0898
rs56273725	T	-0.0361
rs41272643	T	-0.0414
rs73223698	A	-0.0725
rs78747802	T	0.154
rs12632506	C	-0.0396
rs13100436	G	0.0802
rs79892466	A	0.1993
rs17689331	C	0.034
rs80293440	C	-0.0895
rs3773555	T	-0.0472
rs74941675	A	-0.2169
rs6779866	T	0.0933
rs1027345	C	-0.0358
rs74477839	A	0.1373

rs6762278	C	-0.0354
rs4682143	T	-0.0412
rs41271381	A	-0.0774
rs61791506	G	0.0988
rs114809543	T	0.1737
rs140362223	A	-0.1844
rs79738420	G	0.1484
rs709097	C	-0.0354
rs55685357	A	-0.0679
rs35201360	A	0.0536
rs16842845	C	0.0389
rs116711172	G	-0.1612
rs60027671	G	0.0602
rs148545587	C	0.1304
rs1656941	C	-0.0422
rs601991	G	0.0669
rs58284370	A	0.0547
rs7428702	T	0.051
rs6444660	C	0.0383
rs114208556	G	-0.1093
rs62265346	A	-0.1509
rs11712341	A	0.0491
rs78394449	C	0.1113
rs73067333	T	0.1177
rs448244	A	0.0392
rs2280382	C	-0.0519
rs4283566	T	0.1223
rs2116136	G	0.0412
rs206274	G	0.0376
rs11718494	T	0.035
rs147399932	A	0.0912
rs4432624	C	0.0342
rs3860505	A	-0.0338
rs34771595	G	0.1425
rs116311729	A	0.1184
rs116204967	T	0.2192
rs34512111	G	0.0662
rs79092132	C	-0.0962
rs1355724	T	0.0613
rs72991344	T	-0.173
rs9846166	C	0.0915
rs4143127	C	0.0409
rs1032377	T	-0.0512
rs12489534	G	-0.0357
rs9816485	A	0.0693
rs17881827	T	-0.2992
rs923576	C	0.0501

rs59287596	G	-0.0375
rs73039358	G	-0.1499
rs6790933	C	0.0404
rs13063446	A	0.0683
rs55871006	G	-0.083
rs115440818	T	-0.0906
rs9288996	G	-0.0452
rs75787711	G	-0.2688
rs80234457	C	0.302
rs860112	A	-0.052
rs7632285	T	-0.0394
rs7355798	T	-0.0377
rs76655899	G	0.2045
rs1133035	T	-0.0504
rs111590479	C	-0.1043
rs76785587	A	-0.1036
rs60060223	T	0.1166
rs7645395	C	0.0455
rs55676943	G	0.1322
rs76827244	G	0.2301
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rs62244323	T	0.0981
rs143493818	G	-0.1328
rs16889	A	-0.0337
rs140404597	G	0.113
rs61367695	C	0.1716
rs9835097	C	-0.1248
rs112346815	T	0.1521
rs2938387	C	0.0353
rs77276392	T	-0.129
rs6438809	G	0.0592
rs6763374	C	0.0656
rs9833233	T	-0.0342
rs113602630	C	0.0852
rs1281456	C	-0.0798
rs9832424	T	0.0759
rs75529866	A	0.054
rs1529513	T	0.0486
rs1404577	A	-0.0377
rs114066335	T	-0.2421
rs6791836	T	0.0843
rs6774181	G	-0.0344
rs78462613	A	-0.1985
rs9757554	A	-0.0363
rs116550686	T	0.131
rs12632248	A	-0.1079
rs2070491	A	-0.0361

rs9985228	T	0.0348
rs112187715	C	0.1368
rs13087526	T	-0.0417
rs115687126	A	0.2729
rs6782354	A	-0.0543
rs73095464	T	0.2386
rs6445854	C	0.0418
rs111422544	T	0.1157
rs1873628	G	0.0535
rs116202873	A	0.1441
rs708485	A	-0.0342
rs893166	T	-0.0569
rs147420772	G	0.3314
rs116750623	T	0.2155
rs62247381	T	-0.0379
rs11715948	G	0.0371
rs3796228	C	-0.0658
rs2061668	C	-0.0343
rs237886	T	-0.0368
rs150155549	A	0.3578
rs62285798	A	0.1229
rs55711236	T	-0.0836
rs4425237	C	0.0528
rs138768696	T	0.125
rs75194168	C	0.1882
rs148708219	T	-0.1578
rs77346063	T	0.0748
rs73019148	A	0.3175
rs1482384	C	0.0347
rs139465227	C	0.1814
rs78384	T	0.0379
rs4522761	C	0.0816
rs2979344	A	0.0372
rs6766422	C	-0.0685
rs6792014	A	0.044
rs115774657	T	0.1845
rs2686582	C	-0.0369
rs76461174	G	0.1212
rs115501814	A	0.1962
rs57962060	T	0.0472
rs9823609	G	0.0589
rs9310283	T	0.0345
rs1821595	A	-0.1312
rs9821153	A	0.144
rs1473285	T	0.0552
rs2091955	G	-0.0391
rs1392255	T	0.1157

rs76565279	C	-0.1618
rs112572317	C	0.1447
rs9810250	C	0.0347
rs144261083	T	0.1238
rs34253984	G	0.1517
rs1628424	A	-0.0511
rs17497215	T	0.0936
rs374264	A	-0.0342
rs113917422	G	-0.087
rs6765864	C	-0.1297
rs79417519	A	0.2107
rs56396516	A	-0.1672
rs73226607	G	0.1297
rs148213825	T	0.1716
rs779055	C	-0.1294
rs116260412	A	-0.216
rs9810320	A	-0.0338
rs35291321	T	0.0619
rs2169642	C	-0.0363
rs2131127	A	-0.0368
rs6803771	A	0.0342
rs74278894	A	0.1003
rs114736149	T	0.1284
rs115150042	T	0.1516
rs114716208	G	-0.1636
rs7426971	T	0.049
rs11714377	A	-0.1793
rs7614451	C	-0.0472
rs13316505	T	-0.0708
rs78057716	C	0.0537
rs138253515	T	0.1702
rs4686188	G	-0.0334
rs295309	T	0.0375
rs9813956	G	-0.1041
rs9845569	C	-0.034
rs116530139	T	-0.1377
rs78385730	C	0.0737
rs6765487	T	-0.0374
rs150495105	A	0.1255
rs9851949	C	0.1238
rs148909372	A	-0.1014
rs56353289	A	0.0496
rs78620573	C	-0.0546
rs113554334	A	0.1132
rs116293860	C	-0.1541
rs138462283	G	-0.3222
rs2650067	T	0.2436

rs139244373	A	0.1589
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rs6801987	A	0.0439
rs13076452	C	-0.0742
rs148021735	G	0.1751
rs1273882	T	0.1208
rs150030086	T	0.0548
rs6795243	T	-0.0467
rs35081575	G	-0.1462
rs9814571	G	0.0498
rs62276399	T	-0.0606
rs76183949	T	-0.1292
rs147269634	T	-0.1103
rs59241261	G	-0.0668
rs9883160	C	-0.0699
rs7622638	T	0.0595
rs34574005	G	-0.0564
rs114151045	G	0.1088
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rs712531	A	0.0358
rs36088159	C	0.0453
rs146166446	G	-0.2199
rs79246293	C	0.1412
rs73050946	C	0.1978
rs17624249	A	-0.1381
rs1479392	G	0.0442
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rs6795869	G	-0.0685
rs1665982	A	-0.0379
rs115398309	A	0.1551
rs57490395	G	-0.141
rs2399133	C	0.0388
rs28470684	G	0.0497
rs746953	G	0.0457
rs79115503	A	-0.2254
rs55943050	G	-0.0938
rs74636426	C	0.0538
rs2616521	T	-0.0704
rs62259075	T	0.0385
rs60952715	A	0.2322
rs929701	A	-0.0533
rs17474854	T	-0.0438
rs4680899	T	-0.0366

rs72983076	A	0.0769
rs6770235	G	-0.0781
rs79548524	T	0.2116
rs2889922	T	-0.0827
rs79520018	T	-0.1395
rs78193714	A	-0.1801
rs13322149	T	0.066
rs17824544	G	0.0396
rs9823737	A	-0.0622
rs114018507	T	0.0928
rs114298628	A	0.1496
rs9879754	T	-0.0445
rs79268097	A	0.1394
rs73069790	G	-0.0804
rs13060400	A	0.0472
rs9942106	C	-0.037
rs1845434	C	0.0364
rs75607755	A	0.1519
rs148706090	T	0.1596
rs113979005	G	0.1941
rs7431912	G	-0.0591
rs7633088	T	0.2186
rs7643490	T	-0.1222
rs76143899	C	0.1097
rs7433787	A	-0.0506
rs2178808	T	0.0512
rs73135899	T	-0.1772
rs114092494	T	0.0911
rs148928969	G	0.1771
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rs9811480	A	-0.0365
rs115725483	A	-0.1925
rs80019555	C	-0.1026
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rs4016738	C	-0.0412
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rs78565710	A	0.0689
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rs7633537	A	0.0394
rs2568856	G	0.0357
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rs115916587	T	-0.17
rs17029209	C	-0.0565
rs148628016	G	-0.1341

rs72888680	G	0.0806
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rs3796295	G	0.039
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rs111539971	A	0.0984
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rs28752078	T	-0.0335
rs6787526	T	0.0362
rs17413016	C	-0.1556
rs6549454	A	-0.0884
rs6778281	A	0.0604
rs150744734	T	-0.1997
rs116507758	A	-0.248
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rs1718705	C	-0.0363
rs75002986	A	0.1354
rs11708350	G	0.0374
rs77886066	T	0.2233
rs952982	T	-0.1446
rs844026	A	-0.0339
rs73173664	C	-0.0859
rs11720065	C	-0.0358
rs112734559	G	0.1464
rs75809599	G	0.1983
rs16850266	A	-0.0344
rs6786150	C	0.0547
rs12635226	G	0.0797
rs55727543	T	0.2003
rs2289205	T	-0.0362
rs9854140	A	0.1355
rs12633003	C	-0.0354
rs114598325	A	0.2013
rs4683695	T	0.0966
rs73103460	G	-0.0817
rs6772006	G	0.0639
rs78803227	G	-0.0933
rs113998810	C	0.27
rs112018646	A	-0.212
rs73083221	C	0.123
rs6802262	C	-0.0993
rs75749098	A	0.0727

rs72611192	C	0.0721
rs79882518	G	-0.1232
rs115909634	C	0.1345
rs115969187	C	0.0912
rs144782734	A	0.0497
rs77070333	T	-0.1481
rs142455046	C	-0.2294
rs16865627	C	0.0615
rs75333068	A	-0.1003
rs77706129	G	-0.1268
rs266410	T	0.0596
rs142166919	A	-0.1749
rs62255556	G	0.0798
rs112688554	A	-0.1813
rs11714638	G	-0.0409
rs3803	A	-0.0411
rs144521581	G	-0.1973
rs12497538	G	0.0795
rs13087643	A	0.0424
rs1083825	T	-0.0368
rs112502118	C	0.0964
rs2877584	A	0.0391
rs78198440	A	0.0417
rs116651498	C	0.163
rs77230755	G	-0.0925
rs9869078	A	0.0542
rs116320259	T	-0.2927
rs115974143	A	0.0987
rs73009751	C	-0.0622
rs7432504	T	-0.0377
rs10865823	T	-0.0378
rs11719741	T	0.0329
rs73094738	G	0.1806
rs56109170	A	0.1044
rs10510566	T	0.0407
rs111695116	T	0.1107
rs76959956	A	0.2712
rs41320253	T	-0.1259
rs28448293	C	-0.0373
rs111427967	C	-0.0846
rs9654018	A	0.0595
rs56856071	A	0.0676
rs73142842	G	0.1831
rs34642857	C	-0.0399
rs140803382	C	-0.1603
rs9845242	C	-0.0498
rs73106214	A	-0.1172

rs142166823	A	-0.2938
rs62246169	A	0.1623
rs7630352	A	0.0331
rs291531	C	0.0371
rs73185687	T	0.06
rs41152	T	0.0326
rs116760666	A	-0.2621
rs4857842	A	0.2216
rs6803351	G	0.132
rs13086440	T	-0.121
rs73046695	T	-0.052
rs13096030	A	0.0396
rs112872798	G	0.158
rs115874570	T	0.0961
rs9810464	A	0.0336
rs5030107	T	0.1768
rs6788810	C	-0.0377
rs57075871	T	0.1143
rs114541076	G	-0.1565
rs9868933	C	-0.2764
rs62285309	C	-0.1034
rs10513818	G	-0.0528
rs11921888	A	-0.0409
rs6549115	A	0.0397
rs77112271	A	0.0873
rs2062514	G	0.0946
rs6773052	A	0.0518
rs1388005	G	0.0341
rs75286979	C	-0.2054
rs149849750	A	0.2019
rs6805101	A	0.1017
rs9872573	A	0.0617
rs115964768	T	0.2316
rs76522113	G	0.0727
rs36143960	G	0.2032
rs74992852	C	-0.0843
rs142023071	A	0.1607
rs777477	T	0.0386
rs7629407	C	-0.0611
rs13061591	A	-0.0356
rs4855421	T	0.0383
rs78635560	A	-0.0811
rs34183566	T	0.0331
rs3856918	T	0.0343
rs17265703	G	-0.0456
rs113457158	A	-0.0873
rs9844617	A	-0.0549

rs9842837	G	0.1252
rs7648915	T	0.1636
rs11709511	A	0.2677
rs9682283	C	0.0382
rs6787043	G	-0.0398
rs9838930	C	0.0333
rs4234562	A	-0.0471
rs2063895	A	-0.0487
rs893117	C	0.0502
rs150836919	C	-0.228
rs4858115	C	-0.034
rs61138285	C	0.0657
rs9823508	A	0.1549
rs563892	C	-0.0445
rs9834412	A	0.0393
rs74955143	T	-0.0863
rs73042239	G	0.038
rs62273512	T	0.1222
rs11920280	G	-0.0323
rs6769832	G	0.0392
rs2669989	T	-0.0514
rs79640236	C	0.0812
rs323881	C	0.0704
rs149358595	G	0.2143
rs145498151	T	0.2722
rs1567788	T	-0.0621
rs7612794	A	0.0912
rs73107679	A	0.1445
rs3846202	T	-0.0461
rs111491544	C	-0.0677
rs4306894	T	0.055
rs142910443	C	-0.0432
rs73201490	T	0.1071
rs12488824	A	0.0382
rs115725885	T	0.1591
rs75012616	T	-0.1328
rs925821	G	0.1955
rs72862374	C	-0.1548
rs137985590	T	0.1285
rs73057533	C	0.1702
rs2537811	T	-0.0325
rs76039768	C	-0.0365
rs62274810	A	0.1469
rs9873800	T	0.0343
rs62245493	A	0.0754
rs6439844	A	-0.039
rs4286456	G	-0.0545

rs73088913	A	0.1334
rs34524792	G	-0.0891
rs2686277	A	0.0507
rs9832710	A	0.239
rs750735	C	0.0916
rs62245879	A	0.1369
rs35740443	A	0.0689
rs2322168	G	0.0321
rs76056813	T	0.1469
rs11129843	A	0.037
rs10935129	A	0.0477
rs75591772	C	0.1432
rs75158737	C	0.223
rs17288483	T	0.1241
rs11129515	G	0.0328
rs73824678	C	0.2242
rs11919168	G	0.0333
rs115771849	G	-0.1467
rs77068319	C	-0.1142
rs35259508	G	0.1511
rs13072407	A	-0.0361
rs839248	T	-0.0343
rs113399317	G	0.1631
rs13060401	G	0.3391
rs75684928	T	-0.249
rs114987152	A	-0.14
rs111315673	G	-0.1018
rs139125037	T	0.1101
rs4894570	G	0.0484
rs74987738	A	0.1599
rs75349211	A	0.1224
rs112528681	C	-0.1099
rs67795055	A	0.0448
rs76675021	A	-0.1256
rs35283189	C	-0.0568
rs6443176	T	0.0345
rs2885598	C	0.1493
rs62279613	C	-0.0585
rs13091816	T	-0.0626
rs74736071	G	0.2035
rs6775122	T	0.072
rs78357774	C	0.1075
rs73016868	G	0.069
rs143332279	C	-0.2135
rs1881972	G	0.0455
rs74567655	G	-0.1364
rs141324883	G	0.1771

rs7648629	A	0.0508
rs140973255	T	0.117
rs115278533	T	0.138
rs7372937	A	-0.0446
rs11707609	G	0.0462
rs79043437	T	-0.1453
rs2542361	A	-0.0505
rs138860394	T	0.1325
rs62266923	C	-0.0716
rs9289775	T	-0.0394
rs74980526	A	-0.2729
rs12490065	A	0.0403
rs4686447	T	-0.0344
rs6807340	A	-0.0856
rs60487358	T	-0.095
rs13072049	A	0.0611
rs55853690	C	0.0918
rs6795523	A	-0.0999
rs67573460	A	0.0504
rs62274837	T	-0.0683
rs112261734	T	-0.3242
rs1877965	T	0.0554
rs148137669	A	-0.1172
rs78151629	A	0.1041
rs9822368	G	0.0347
rs78989824	G	0.0649
rs11130082	T	-0.0338
rs3792491	A	0.0506
rs62248264	A	0.0584
rs55820146	G	-0.0381
rs16847804	G	0.1075
rs2859683	G	0.0562
rs1348251	A	0.035
rs71314568	A	0.1096
rs11718258	T	0.0332
rs7428824	T	-0.0319
rs76977588	G	0.0589
rs36128	A	-0.0333
rs13083225	C	0.0498
rs77904682	C	0.1044
rs73176582	C	-0.1283
rs67651386	C	-0.0707
rs115445518	G	-0.2926
rs141541940	A	0.1163
rs115183384	T	0.247
rs76879712	T	0.1136
rs3870336	A	-0.0597

rs16854712	G	0.2303
rs78561425	G	0.0812
rs75334972	A	0.2344
rs4680793	A	-0.0742
rs6790267	A	-0.1375
rs73043695	A	-0.0444
rs76640470	G	0.1057
rs9310253	G	-0.0379
rs4682051	T	-0.0425
rs149468	G	-0.033
rs6794558	T	0.0323
rs144582715	C	-0.0784
rs13326054	G	0.0739
rs114824041	T	-0.0797
rs9835358	A	-0.0573
rs6771276	G	-0.0651
rs17073394	C	0.1154
rs62279672	G	-0.0671
rs71310549	G	-0.0735
rs60918491	A	-0.0614
rs76779869	T	-0.054
rs62289625	A	0.1557
rs62249945	G	-0.0453
rs2859818	A	-0.041
rs11715516	G	0.0447
rs11714886	G	0.0386
rs78043937	C	-0.1807
rs73016672	C	-0.1979
rs114431834	T	0.1409
rs12107794	T	-0.1395
rs7431143	T	0.0584
rs167436	G	-0.0558
rs112833384	T	0.0974
rs9852938	A	-0.0458
rs2129997	A	0.0325
rs4687122	T	0.1791
rs148103294	T	-0.2633
rs6779154	C	-0.0396
rs112263041	T	0.062
rs17264020	A	0.1095
rs12495615	A	0.0341
rs67670470	A	0.0334
rs79591343	G	-0.092
rs115997803	A	0.318
rs115912685	A	-0.1373
rs115660521	G	0.1911
rs12495887	C	0.0972

rs149335293	C	0.1983
rs10510963	C	0.0844
rs76361249	G	0.071
rs9841585	C	0.0416
rs9756026	T	-0.1411
rs76234760	A	0.0383
rs13081978	T	-0.0334
rs7643602	C	0.0351
rs141051328	G	-0.2429
rs62262452	T	0.1072
rs11714208	G	-0.035
rs62279896	C	0.0604
rs77050352	T	0.0776
rs4396824	G	0.0409
rs76421108	C	0.1457
rs2677421	A	-0.0323
rs2577884	T	0.0392
rs140958125	A	-0.1206
rs76323431	C	-0.1102
rs9811548	G	0.0346
rs7638099	A	0.193
rs139947624	A	0.2513
rs55699636	T	0.0992
rs75966640	T	0.1609
rs28580577	G	0.0455
rs17803128	C	0.0404
rs80009018	G	-0.2145
rs17016957	G	-0.0582
rs11131055	G	-0.0343
rs116022592	C	-0.1925
rs6775476	A	-0.0334
rs71317815	T	0.0872
rs1515585	T	-0.0349
rs1398668	T	0.1559
rs7633876	T	0.1554
rs114847867	A	0.1964
rs13082214	C	-0.0331
rs73171553	A	-0.0815
rs78708961	T	0.1709
rs2403349	A	0.0447
rs1627606	T	0.0841
rs71316447	T	0.1616
rs77542745	T	0.2195
rs1123686	T	0.0349
rs115833737	C	-0.1952
rs56172009	G	-0.1132
rs78658294	A	0.1501

rs74511408	G	0.1196
rs11922336	A	0.0557
rs2550240	C	-0.0366
rs76499153	C	0.0382
rs143020507	T	-0.2736
rs1983079	A	0.0425
rs114669595	T	0.1775
rs75880138	G	0.1415
rs145935299	G	0.1015
rs66519019	T	-0.08
rs60030089	T	0.0439
rs113090931	T	0.0596
rs35819363	C	0.1734
rs4362728	A	-0.0437
rs11929675	A	0.0455
rs113319239	G	0.0617
rs13076872	C	-0.084
rs139903458	T	0.123
rs76443334	C	0.0994
rs4470477	A	0.065
rs58629339	C	-0.0463
rs138633591	G	0.2127
rs62278050	A	-0.3057
rs6780869	A	-0.0361
rs358805	T	-0.0334
rs13321536	T	-0.0407
rs76261092	T	0.1605
rs34443342	G	0.2808
rs141844248	C	-0.1324
rs114402588	A	-0.0833
rs6786243	G	-0.052
rs7622568	T	0.1918
rs1387001	T	0.1448
rs213373	T	-0.0355
rs1502464	G	0.0666
rs139862066	G	-0.2421
rs55656104	A	0.1276
rs7609783	G	-0.0361
rs113858504	G	-0.1364
rs1921547	C	-0.0329
rs141315568	G	-0.171
rs4560291	G	-0.0368
rs143089440	T	0.2371
rs78213875	G	0.1261
rs3101055	A	-0.0678
rs7618691	C	-0.1006
rs75388137	A	-0.1385

rs73863461	G	0.0846
rs1197306	C	0.0315
rs73059479	G	0.0948
rs77233951	C	0.0656
rs16824337	A	0.1684
rs77501994	A	0.1078
rs115656500	G	-0.1657
rs34520051	T	-0.0666
rs13073428	G	0.0367
rs146673037	A	0.1064
rs28665850	C	0.0534
rs17334011	T	0.0733
rs79977687	T	0.2766
rs874590	G	0.0368
rs7613237	C	-0.0476
rs140524143	C	-0.203
rs57287736	A	0.0382
rs7618692	C	-0.0357
rs58312266	C	0.0396
rs146359521	C	0.1179
rs17077726	G	0.079
rs138690040	A	0.1087
rs9868155	A	-0.035
rs113792104	C	0.0946
rs146961340	G	0.1623
rs141490313	G	0.1444
rs78024218	C	0.1096
rs12486990	C	0.0628
rs7653173	A	0.0743
rs75322640	C	-0.1851
rs13073971	T	-0.0325
rs77009309	T	0.1747
rs56352907	G	-0.0564
rs7628984	T	0.0627
rs73205733	G	0.0582
rs9863084	G	0.0529
rs11927009	T	0.0327
rs79680238	T	0.1002
rs12498005	A	0.0651
rs4437137	A	0.0328
rs58325949	C	-0.0356
rs76224081	A	0.1698
rs7614538	A	-0.0438
rs1513167	G	-0.0313
rs10512945	A	0.042
rs74356132	T	-0.1343
rs116810994	C	-0.0959

rs113885569	A	-0.1806
rs8363	T	0.1755
rs9861008	G	0.1508
rs75444237	A	-0.1404
rs4682639	C	-0.044
rs34786772	T	0.12
rs9821630	G	0.0355
rs116469219	C	0.0987
rs139832701	G	-0.0517
rs17585084	A	0.0552
rs2599547	C	0.0611
rs73198264	G	0.076
rs9839355	A	0.1135
rs150264436	G	-0.1548
rs3914755	C	-0.0398
rs73094016	G	0.1064
rs79583407	C	0.1579
rs78363676	G	-0.0679
rs77497884	C	0.1995
rs115819799	T	-0.1119
rs6794734	C	0.0348
rs115607356	C	0.2261
rs2624156	C	0.1022
rs1699347	G	0.0519
rs727763	G	0.0341
rs150454844	A	-0.1602
rs517545	T	-0.0324
rs35796142	T	-0.0601
rs9882688	G	-0.0695
rs71310335	A	0.076
rs62287717	C	-0.0744
rs7632172	A	-0.0767
rs9837372	G	-0.0325
rs78961970	T	0.1893
rs75358596	A	0.1012
rs6444926	T	-0.0483
rs147978123	A	0.1786
rs17021771	T	-0.0856
rs116086497	A	-0.1811
rs57751578	C	0.0635
rs62283840	G	0.0665
rs3856909	A	-0.0513
rs72957362	A	-0.1191
rs73095548	A	0.1423
rs494409	A	0.1311
rs139965404	T	0.2592
rs17204781	T	0.1202

rs667986	G	0.0704
rs12152522	A	-0.0792
rs13319222	G	0.0947
rs78334123	T	-0.1567
rs11929483	C	0.0354
rs73058936	A	-0.1184
rs139796141	G	0.1964
rs62274193	A	-0.1002
rs56368217	C	0.0421
rs79240721	T	-0.0895
rs62270280	T	0.0958
rs6772794	C	-0.0386
rs115083972	G	-0.23
rs56148802	T	0.0642
rs9852292	A	0.0768
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rs79012612	A	0.1189
rs114273582	A	-0.1417
rs140494728	C	0.162
rs112768742	A	0.1544
rs116575747	T	-0.1845
rs76469337	A	0.2727
rs77863599	A	-0.1256
rs4687998	G	0.036
rs925860	T	0.0452
rs75159273	A	-0.1402
rs6444483	T	-0.0632
rs11716437	G	0.1334
rs11927367	A	-0.0708
rs73225461	G	-0.1083
rs7637081	C	0.057
rs7651474	G	-0.0343
rs115580120	C	0.0872
rs11708538	A	-0.0732
rs56092129	A	-0.0592
rs2336721	T	0.0342
rs1346945	C	-0.0562
rs4462906	G	0.0332
rs13075549	A	0.0381
rs17415691	T	0.1444
rs7636783	G	0.1114
rs1178485	T	-0.1134
rs114283620	T	-0.1289
rs6764628	G	0.0354
rs75140349	C	0.108
rs116743262	A	0.2082
rs9844633	C	0.0537

rs78335516	C	0.1808
rs4677073	C	-0.046
rs36191604	G	0.0849
rs9876113	G	-0.0361
rs927537	G	-0.0327
rs114160042	G	0.12
rs73099859	G	0.1169
rs36037886	G	0.1046
rs13084657	A	-0.0355
rs9288900	G	0.1774
rs62260606	G	-0.0445
rs111916630	G	0.1873
rs1178530	T	-0.0715
rs12489001	A	-0.0534
rs62268801	G	0.0979
rs6802544	G	0.0459
rs2713600	C	0.0432
rs361236	T	-0.1186
rs2080199	T	0.0334
rs78729145	G	-0.2316
rs140715330	G	0.1653
rs145107078	T	0.2549
rs34368478	T	0.0529
rs9813961	A	-0.0362
rs115797410	C	0.1444
rs11709388	G	-0.05
rs80207804	C	0.1469
rs67454795	A	0.0365
rs9814526	G	-0.0496
rs4684078	A	0.031
rs67434912	C	-0.1078
rs13069216	G	-0.0407
rs902417	T	-0.0373
rs73051956	G	0.0539
rs11719550	T	-0.0319
rs1523075	C	-0.1568
rs696322	C	-0.0635
rs73177613	T	-0.0707
rs9863593	A	-0.0632
rs9310552	T	-0.0329
rs114994509	T	-0.1103
rs291930	T	0.0638
rs1011375	C	-0.1234
rs56044740	T	0.1501
rs13318330	C	-0.1391
rs11719026	G	0.087
rs9865163	T	0.0344

rs304006	G	-0.0322
rs9827309	G	-0.036
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rs4610188	G	-0.04
rs62260749	A	-0.0685
rs76304216	C	-0.0844
rs1453628	T	0.0314
rs10512665	C	-0.0365
rs7427238	A	-0.1283
rs112643750	T	0.2475
rs115218387	A	0.2346
rs74505680	T	0.151
rs7629208	C	-0.0414
rs78466592	C	-0.1393
rs115094888	G	-0.0853
rs77964166	T	-0.1214
rs77318594	C	0.0654
rs138493226	G	-0.1909
rs1110866	C	-0.0338
rs13324313	A	-0.0531
rs35790733	T	-0.1376
rs140384187	C	0.2202
rs147723444	G	0.2041
rs75481736	G	-0.1109
rs6795922	T	0.0566
rs12107274	T	-0.0337
rs7644080	G	0.04
rs6786725	G	-0.1016
rs35171227	C	-0.0751
rs13324388	T	0.0677
rs112171651	A	0.2534
rs9837624	T	-0.0333
rs6438276	A	0.0371
rs13066612	C	-0.0584
rs60845666	A	-0.0317
rs13066503	A	0.0502
rs115377115	T	0.1494
rs147697706	A	0.2269
rs79762230	T	0.1696
rs17053478	A	0.1312
rs73182233	T	-0.0696
rs35350641	A	-0.1566
rs237890	G	-0.0438
rs62275470	A	-0.1504
rs17008972	A	0.0478
rs11708994	C	-0.0475

rs114746017	C	0.1823
rs151078915	T	-0.227
rs2405738	C	-0.0761
rs13321149	T	0.0353
rs79567970	G	-0.2389
rs73172442	C	-0.1532
rs62295768	G	-0.1531
rs79462083	G	-0.1158
rs150581960	T	0.1761
rs78762628	C	-0.0962
rs2040377	G	0.0747
rs2344825	A	-0.0336
rs9654001	C	0.0351
rs13072919	C	-0.106
rs112716032	T	-0.2929
rs9813698	C	-0.1005
rs116665032	A	-0.1933
rs73107723	G	-0.0347
rs1803489	T	-0.2375
rs76095814	G	-0.2588
rs147610761	C	0.2178
rs324556	T	0.0348
rs7645995	T	0.0447
rs6780917	C	-0.0494
rs34430099	A	0.0664
rs4467476	T	-0.0576
rs55792428	T	0.0919
rs79960161	G	0.0757
rs11130546	C	-0.0545
rs4686832	C	0.0374
rs112904892	A	-0.0594
rs7627960	A	0.0503
rs6798065	T	0.0336
rs62232621	A	0.0565
rs16859655	A	0.0373
rs17047149	C	-0.1688
rs116204929	C	0.183
rs1648717	T	0.0451
rs12496610	G	-0.0881
rs2054945	C	-0.0324
rs11716930	A	-0.0541
rs145222437	A	0.0771
rs112848089	C	0.0504
rs147056630	C	0.1291
rs10935045	A	-0.0437
rs75071032	G	0.1377
rs114332399	A	0.1962

rs35928300	G	-0.0896
rs11571864	A	0.0329
rs12493968	T	-0.115
rs7614663	A	-0.0352
rs917934	C	-0.0351
rs35396706	T	0.08
rs6765754	G	0.0956
rs640072	T	0.0537
rs73193818	T	0.0886
rs111305188	T	-0.0617
rs1684882	A	0.0352
rs142145055	T	-0.2285
rs6791955	A	0.1002
rs2715689	G	0.0571
rs116070652	G	0.1724
rs28634436	T	-0.1053
rs114235813	T	0.1432
rs80286986	A	0.1261
rs28280	A	0.0326
rs9866486	A	0.2689
rs71326454	A	-0.1125
rs115268738	T	-0.1902
rs79177799	C	-0.1903
rs35388448	T	0.032
rs1391795	C	0.0656
rs147692413	G	0.1546
rs13093483	G	0.0473
rs17377867	A	0.0567
rs73002695	C	-0.0761
rs73154632	C	-0.2563
rs115452333	C	0.1548
rs17189823	A	-0.044
rs6780681	C	0.0332
rs6810155	T	0.1323
rs2163724	C	0.0408
rs11130047	A	0.1469
rs58157593	G	-0.0869
rs113657421	G	-0.0859
rs17670991	T	0.0471
rs72499684	A	0.1163
rs57826302	T	-0.1732
rs115693007	A	-0.0601
rs11712516	C	-0.0881
rs79064702	T	-0.0379
rs11127596	T	0.0357
rs139615328	G	0.1385
rs59305446	G	-0.0668

rs9813488	A	-0.0971
rs113049068	A	-0.123
rs144711968	T	-0.0529
rs1166047	C	-0.063
rs79050834	A	0.0694
rs80188465	A	0.1397
rs9848131	C	-0.0692
rs73137360	T	-0.096
rs55789955	G	0.166
rs12107986	A	0.0495
rs78734089	A	-0.0744
rs1087302	G	-0.0937
rs73206650	G	0.0568
rs9814895	A	0.032
rs114812825	A	0.1476
rs35170554	C	0.0351
rs13072329	C	-0.0383
rs3732764	C	-0.0347
rs73010303	T	0.1376
rs451242	A	0.0412
rs7637793	T	-0.0317
rs4646719	A	-0.0671
rs55649252	G	0.052
rs704430	C	0.0315
rs146191493	T	0.1452
rs4686388	G	-0.0337
rs7648806	T	-0.0525
rs7643811	C	0.0355
rs114260157	A	-0.0963
rs34419360	C	-0.1202
rs12629466	T	0.0444
rs78461132	C	0.1831
rs114450172	T	0.135
rs76336757	G	-0.0992
rs35332218	C	-0.0325
rs141434932	T	0.128
rs13090916	G	0.0397
rs6779209	C	0.1775
rs11711905	G	0.0833
rs17622222	A	0.0663
rs73202346	T	0.2139
rs115285374	G	-0.1435
rs1354833	G	0.0343
rs6800123	C	-0.0399
rs6788075	T	-0.0324
rs11927181	T	-0.1981
rs144191378	T	0.194

rs35960	G	0.0596
rs13100953	A	0.0442
rs168156	G	-0.0542
rs6549269	G	0.0312
rs1377417	T	0.0843
rs56871370	C	0.0459
rs7628302	A	0.0791
rs11714279	A	-0.0487
rs78548233	T	0.041
rs116694575	G	-0.0932
rs12636835	G	0.0625
rs75746712	T	0.2217
rs1994876	C	-0.0314
rs73102054	A	-0.2579
rs9810444	C	-0.0312
rs13065274	G	0.0518
rs4927701	G	0.0638
rs113655509	T	-0.2027
rs6803454	G	0.0854
rs663018	G	-0.0795
rs9830178	T	0.1339
rs9858504	A	0.0561
rs116329905	T	-0.1536
rs16864111	A	-0.0504
rs1521803	C	-0.1655
rs61110202	G	-0.0424
rs17656083	A	0.0305
rs113751806	A	-0.0753
rs77452956	C	0.0624
rs1438182	T	-0.0542
rs80119162	A	0.1413
rs262985	T	0.0609
rs16826980	C	-0.1127
rs67830620	A	-0.0596
rs79639458	G	-0.1171
rs73069121	T	0.1657
rs78177650	T	0.0688
rs79448636	G	-0.1296
rs114273732	T	-0.2125
rs62251536	T	0.1468
rs76929866	C	-0.0373
rs4687503	T	0.1406
rs115465666	C	-0.0924
rs112911495	A	0.0925
rs2736793	C	-0.0324
rs78165376	C	-0.0994
rs2729013	A	-0.1559

rs660224	T	-0.173
rs279591	G	-0.0377
rs6789451	C	-0.0382
rs4640543	G	-0.13
rs79755983	G	-0.0715
rs114548801	C	0.1413
rs17021477	C	-0.0435
rs2135374	C	-0.0394
rs13315893	A	0.1785
rs6779067	G	-0.0352
rs144961978	C	-0.2324
rs823302	T	0.0338
rs150272031	A	-0.1886
rs140827361	G	-0.0656
rs12494105	C	-0.0309
rs9809050	C	-0.0351
rs9852744	G	0.0333
rs9841080	G	-0.0319
rs148237296	T	0.1723
rs73038214	A	0.0496
rs4234345	G	0.1332
rs61791710	A	0.0662
rs139040976	A	0.255
rs869585	A	0.1668
rs6806321	G	0.0479
rs1504068	G	0.0639
rs73163484	T	0.1874
rs151279114	A	0.2239
rs7613419	T	-0.0344
rs148606103	T	0.2199
rs4955287	T	-0.0328
rs7648681	A	-0.0308
rs141352577	T	-0.1236
rs2700429	T	-0.034
rs1710236	C	0.0324
rs141871585	A	0.1373
rs72970333	C	0.0982
rs7634552	C	-0.0309
rs1387091	G	-0.0387
rs4494951	A	-0.2017
rs147050545	C	0.1321
rs12495260	T	-0.0339
rs144943025	G	-0.1918
rs7650959	T	-0.1651
rs140059336	A	0.1842
rs549560	G	0.034
rs2131366	G	-0.0315

rs832083	A	0.055
rs73165300	A	0.1414
rs9856661	C	0.0694
rs7609682	C	0.0337
rs414907	G	-0.0317
rs115182912	A	0.1031
rs9822730	A	0.0379
rs115483179	G	-0.1861
rs79523464	T	-0.1028
rs114732500	G	-0.1398
rs145965425	G	0.192
rs75936562	A	-0.1755
rs13092161	T	-0.1128
rs116119809	T	0.2377
rs115308273	A	0.1742
rs78989726	G	0.1282
rs145898680	T	-0.1849
rs9309738	G	0.0387
rs13317009	C	0.0318
rs115433431	G	-0.0584
rs35452476	G	0.1796
rs74512449	A	-0.2389
rs17711446	A	-0.0456
rs9868994	T	-0.0403
rs12490293	C	0.0314
rs60239556	G	0.033
rs111979456	A	-0.1313
rs62240976	G	-0.0554
rs144501632	A	0.1842
rs73205853	A	-0.0558
rs4131837	C	0.0705
rs6443303	A	-0.0387
rs34955659	T	0.1219
rs34794754	G	-0.0472
rs141735510	A	-0.17
rs6789720	A	-0.0305
rs4678376	C	-0.0482
rs72849826	T	0.1107
rs9855648	G	0.1207
rs7622739	G	0.0378
rs78583732	C	-0.1472
rs116116529	A	-0.16
rs147466990	C	-0.1249
rs16864115	T	-0.1228
rs125700	C	-0.052
rs13433875	G	0.1161
rs78019248	G	-0.1025

rs35296558	G	0.0568
rs11921986	C	0.0323
rs11111990	T	0.0363
rs62234200	T	-0.0579
rs12637527	G	0.1261
rs17393779	G	-0.1632
rs113229392	C	-0.0493
rs242201	G	-0.0654
rs113939484	G	0.0882
rs36083964	A	-0.033
rs62283836	C	-0.1333
rs73057656	G	-0.1022
rs2736760	T	-0.0353
rs140648152	G	0.2719
rs1521398	A	0.0353
rs115406765	C	-0.1908
rs62245749	C	-0.0805
rs6787724	C	0.0351
rs722472	C	0.0441
rs9862876	G	-0.0382
rs6795344	G	0.043
rs56784629	C	-0.0801
rs142079098	A	-0.2039
rs1283002	G	-0.0598
rs75997980	G	-0.1051
rs34340414	G	-0.1186
rs116051595	T	0.1482
rs2811469	A	-0.0371
rs779910	C	-0.0307
rs114674235	A	-0.1879
rs73112405	A	-0.0724
rs7634756	G	0.1399
rs4333046	T	-0.0537
rs35326724	C	-0.033
rs58307102	C	-0.0403
rs58190475	C	-0.1662
rs1553136	T	0.0375
rs28575453	T	0.0801
rs4991950	C	0.0363
rs12631530	G	0.1719
rs144971222	T	0.181
rs115844121	T	-0.1596
rs6783947	A	0.112
rs2581885	A	0.0436
rs58888051	A	0.069
rs55991591	T	0.094
rs7646600	C	-0.0399

rs6780853	T	0.0395
rs74792597	T	0.0858
rs6789979	A	0.1233
rs62275025	T	-0.11
rs112652416	A	-0.0554
rs80219068	A	-0.1235
rs115066682	C	0.1767
rs76806035	T	-0.0496
rs9817180	A	0.1015
rs75077798	A	0.149
rs116243518	G	0.0882
rs264114	G	0.0302
rs112648376	T	0.1492
rs370126	G	0.0496
rs55839702	A	-0.0336
rs34609174	C	-0.0855
rs76821671	A	0.0521
rs62236282	T	-0.037
rs9832974	T	-0.0857
rs9814104	A	-0.0422
rs17573676	G	-0.0817
rs111662185	G	0.087
rs12491939	T	-0.0476
rs74886441	T	-0.1326
rs116659265	C	-0.1575
rs1707574	A	0.0381
rs9842031	C	0.0844
rs77072693	G	0.1835
rs9809316	A	-0.0336
rs1350785	A	0.0322
rs3821680	G	0.0348
rs17046245	T	0.0892
rs62234566	A	-0.0333
rs73103666	G	0.1467
rs78625025	T	-0.2491
rs34856718	A	-0.0917
rs11710748	T	-0.0747
rs17042807	C	0.1192
rs11714383	T	-0.1044
rs62261522	A	0.0824
rs35521434	T	0.1158
rs75375420	C	-0.06
rs1596505	T	0.0848
rs139820027	C	0.0852
rs145962629	A	0.2443
rs76176112	C	-0.1603
rs72619971	C	0.095

rs7429323	T	0.1045
rs6804187	G	0.0514
rs73808494	G	0.0605
rs2607953	A	-0.0521
rs9847990	C	-0.1001
rs62232625	A	0.0538
rs73059403	T	0.0473
rs73178164	T	0.1025
rs7431119	A	-0.0307
rs149493310	C	0.1207
rs150169803	A	-0.1148
rs11713153	C	-0.036
rs1882010	T	-0.0686
rs6769543	T	0.0516
rs4410416	G	-0.046
rs116307917	T	-0.179
rs2121742	C	0.0305
rs17843841	A	0.0991
rs149200202	A	-0.1973
rs264152	C	0.0968
rs149934301	T	-0.1797
rs114621892	G	-0.1132
rs3110915	C	0.0347
rs12106863	A	0.0668
rs73110381	C	-0.2998
rs9829421	T	-0.0373
rs114697212	G	-0.1144
rs9836764	A	0.0395
rs78008395	G	0.1429
rs7618256	T	0.0343
rs79391370	C	-0.0801
rs145410058	G	-0.1189
rs76301341	G	0.1874
rs73221384	T	0.0686
rs842243	A	-0.0334
rs57203572	T	0.1355
rs13095517	T	0.0422
rs79068380	T	-0.1231
rs62298254	G	0.0628
rs111772738	G	-0.0998
rs116177353	C	-0.2728
rs73140777	A	0.104
rs12639432	T	-0.0334
rs1038485	T	-0.032
rs10212156	T	-0.0347
rs77996743	G	-0.0673
rs77462412	G	0.0594

rs73106816	T	-0.0521
rs2575996	C	0.0305
rs2248029	C	0.0357
rs55890339	T	0.0464
rs275360	T	-0.0603
rs358377	A	-0.0307
rs75481539	A	-0.0752
rs115238032	A	0.1079
rs144256579	G	0.3567
rs6795437	C	-0.0413
rs79864813	G	0.163
rs17220361	A	-0.0589
rs1521395	A	-0.0742
rs7634338	C	-0.0965
rs17648404	C	0.0727
rs116329340	T	0.0901
rs151108212	T	0.0879
rs1731634	T	0.043
rs655620	A	0.0426
rs73015155	C	-0.0775
rs78772143	A	-0.105
rs13097498	C	0.0524
rs77584387	A	0.2734
rs9864515	G	-0.0815
rs62244324	G	0.0356
rs13059525	T	0.0307
rs73859030	T	0.0902
rs471259	T	0.0586
rs77288015	G	0.2327
rs9869572	C	-0.0647
rs115245935	C	0.0531
rs115311767	A	0.1168
rs79943835	G	0.1329
rs9289584	T	0.0379
rs713372	A	-0.0339
rs144046585	G	-0.1237
rs17049660	A	0.1044
rs2731934	T	-0.1235
rs3913495	C	-0.0318
rs114228231	C	0.1152
rs1836577	G	-0.0357
rs35041149	A	-0.101
rs62286865	A	-0.0662
rs142114012	A	0.1499
rs62242579	G	-0.0662
rs77852319	C	0.1706
rs16854291	G	0.0413

rs146276373	C	0.2091
rs513007	C	-0.0421
rs79353171	C	-0.0636
rs142863646	T	-0.1296
rs2717285	G	0.0345
rs1584861	G	-0.031
rs79860386	A	0.1467
rs75450462	T	0.146
rs116147799	T	0.0731
rs1518878	C	-0.0301
rs17029505	A	0.0997
rs9882944	G	0.1338
rs6779789	A	-0.0598
rs74852239	A	-0.0964
rs115909957	A	0.1583
rs116833665	C	0.1127
rs76386345	C	0.1869
rs114379416	T	0.0592
rs144197627	T	-0.2211
rs116065186	T	0.0534
rs7625593	C	0.0357
rs71327077	A	0.1195
rs115897719	G	-0.1426
rs55672338	T	-0.0314
rs111791619	C	-0.0982
rs1350285	C	-0.0652
rs75740542	A	0.0656
rs6794675	A	0.1316
rs6764636	T	0.1096
rs2291511	T	-0.0376
rs73205200	T	-0.049
rs9874742	G	0.0359
rs11129771	C	0.0373
rs6764100	T	0.0429
rs13097795	T	-0.0939
rs13079876	C	0.0312
rs114152799	T	0.1933
rs197770	G	0.0427
rs62228396	T	0.0691
rs1403699	T	0.031
rs940040	T	-0.0408
rs4686949	A	-0.0474
rs36060962	T	0.0575
rs151326312	G	0.2407
rs116478762	A	0.1791
rs74535412	A	-0.1186
rs4504191	T	0.0352

rs187448	T	0.0345
rs11129096	A	-0.0318
rs74566441	T	0.0723
rs140345545	A	0.291
rs79361856	G	-0.1902
rs7614051	G	0.0439
rs900234	C	-0.031
rs77703956	A	0.28
rs77032884	C	0.2031
rs9867030	C	0.0811
rs12152359	A	0.0613
rs9838432	A	-0.0331
rs73076330	G	0.1548
rs35277053	T	0.1523
rs144864608	T	0.2411
rs1426266	T	-0.0347
rs11712108	C	0.0307
rs73014132	G	-0.1106
rs62244658	C	0.0402
rs344671	G	0.0334
rs6805236	C	-0.0396
rs7643342	A	-0.0447
rs113759988	G	0.1596
rs2164552	C	-0.0331
rs76596041	G	0.1317
rs55847435	T	-0.1382
rs11943	T	0.1575
rs1511592	C	0.0453
rs11922887	T	0.0304
rs73085698	T	0.1044
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rs511194	T	0.0762
rs12492805	G	-0.1058
rs116347024	C	-0.1015
rs73152841	C	-0.1343
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rs68049226	G	-0.0604
rs55852242	G	0.0413
rs9868714	A	-0.0614
rs1842840	T	-0.0318
rs78999832	T	-0.1585
rs62251773	C	0.0918
rs13066381	T	-0.0313
rs4386433	G	-0.0686
rs61269418	A	-0.0888
rs28862368	A	0.054
rs2270969	G	-0.0927

rs6802701	C	-0.0305
rs73071855	A	-0.0788
rs6808109	A	0.0324
rs79525171	G	0.0894
rs2664101	A	-0.0302
rs115190709	T	0.2576
rs34974178	C	0.0511
rs78386217	T	0.0771
rs61206862	G	-0.0381
rs12638409	T	-0.0347
rs72994689	G	-0.0483
rs140199765	C	0.1799
rs12496463	A	0.0426
rs41264649	T	0.174
rs9290826	A	-0.0883
rs1523475	T	0.0385
rs13059920	G	0.057
rs112610962	C	-0.1256
rs114350286	G	0.174
rs17195442	A	-0.0373
rs73178228	C	-0.1095
rs112433884	T	0.1393
rs114267888	A	-0.0967
rs62259306	A	0.1888
rs55987749	G	-0.1178
rs2313182	C	0.0327
rs303849	C	0.0361
rs9861723	G	-0.093
rs3856667	A	0.0383
rs1585082	C	-0.0299
rs13066616	G	0.0439
rs62276421	G	0.2223
rs17178976	A	0.0356
rs11129122	G	0.0372
rs9310736	A	0.0306
rs2624655	A	0.0605
rs148691207	A	-0.1628
rs12488055	G	-0.1178
rs17545117	T	-0.1158
rs13090556	C	-0.0336
rs6777822	T	0.0703
rs75765994	T	-0.0759
rs148524572	C	-0.1914
rs114766353	A	-0.2044
rs76811617	A	-0.0652
rs13090497	A	0.0516
rs112253290	A	-0.2189

rs17399651	T	0.0805
rs17201989	T	0.0805
rs138957003	G	0.1299
rs17010401	C	-0.0636
rs17038701	G	0.1142
rs2282485	C	-0.0383
rs2691678	G	-0.0398
rs4839678	A	0.0447
rs71308439	C	-0.1766
rs7616299	A	0.0419
rs56124129	G	-0.0851
rs73100273	A	-0.0356
rs6782248	G	0.0439
rs6767127	A	-0.0471
rs4679879	A	0.1264
rs1851353	A	0.034
rs9874855	T	0.0308
rs9844083	G	0.0482
rs2268484	C	-0.0372
rs13062287	C	0.0517
rs62227352	T	-0.0581
rs6785305	A	0.0319
rs111227523	C	-0.1691
rs6438761	G	-0.0387
rs9827757	C	-0.0696
rs73134424	A	-0.0549
rs1402211	A	0.0297
rs2733585	A	-0.0447
rs2222484	G	0.0335
rs10222347	A	0.0309
rs55943141	A	-0.0745
rs10510881	G	0.0302
rs155399	C	-0.0348
rs146784760	A	0.1981
rs71308960	T	-0.1039
rs150269355	G	0.1742
rs1419972	G	0.081
rs148530992	A	0.1652
rs13095937	A	-0.2467
rs58677846	G	-0.0311
rs62261544	T	0.0439
rs141133219	A	-0.2015
rs17749903	T	0.0819
rs62229796	G	-0.2044
rs6776129	A	0.032
rs6444912	T	0.0335
rs1387212	C	-0.0673

rs9854603	G	0.0401
rs12490360	A	-0.1782
rs62272715	G	0.0522
rs76797172	A	-0.221
rs138182428	T	0.1288
rs55839145	C	-0.0315
rs58891801	G	0.0773
rs114242315	T	0.1529
rs75349820	C	0.1159
rs11129780	A	-0.0441
rs1356013	T	0.0307
rs116234029	C	-0.2416
rs56070853	C	0.0971
rs9836671	T	-0.0766
rs77269597	T	0.1025
rs17804181	T	0.031
rs11129407	T	0.0361
rs116640572	C	-0.1936
rs113491905	C	0.109
rs2679523	G	0.0392
rs12485415	T	0.0927
rs76367593	G	-0.0679
rs12632793	A	-0.0812
rs6769509	A	0.0317
rs2083818	A	0.0344
rs75636155	C	0.1453
rs7625392	C	0.0344
rs114172927	C	-0.1631
rs11708537	A	0.0435
rs79498085	C	0.0837
rs2649747	G	-0.03
rs10804856	G	0.0464
rs2811366	G	-0.0296
rs3844271	G	-0.0339
rs114539921	G	-0.1945
rs13069924	A	0.0561
rs76546281	A	0.0476
rs62254366	C	0.2718
rs77085148	T	0.1074
rs80280502	T	-0.1557
rs7633997	G	-0.0352
rs720699	A	0.0404
rs73091517	G	0.1236
rs11709913	A	-0.0429
rs115665604	T	0.1283
rs6766082	T	0.0629
rs143489819	T	-0.2753

rs116068125	A	-0.0895
rs115847948	A	0.2522
rs143350743	A	0.1222
rs143219752	T	0.1692
rs112132062	C	-0.1081
rs11130880	T	0.0361
rs78883514	C	0.102
rs111894058	G	-0.0627
rs75118450	C	-0.1089
rs831082	G	0.0379
rs114902230	G	-0.1725
rs59076737	T	0.0462
rs12497495	C	-0.0377
rs62274632	C	-0.1408
rs721086	T	-0.0302
rs884237	C	-0.0519
rs4618222	T	0.0402
rs60982615	T	0.0344
rs116455903	T	0.168
rs1152112	C	0.0441
rs2633794	T	0.0372
rs62232792	T	0.0497
rs73060416	G	-0.1038
rs73042603	A	0.1455
rs12634548	G	0.06
rs75945388	C	0.1173
rs6797867	C	0.1263
rs150678010	T	0.2139
rs11719619	A	-0.0652
rs78298496	G	-0.1135
rs28698751	A	-0.0399
rs114313362	G	0.1222
rs34982190	T	0.105
rs74813944	T	-0.0874
rs59263954	T	-0.0347
rs73163210	T	-0.0595
rs6780902	C	-0.1039
rs9836872	T	0.2129
rs6444516	T	0.032
rs145947492	T	0.197
rs1026966	A	0.0392
rs7644512	C	-0.0517
rs150663447	G	0.194
rs114457714	A	0.1138
rs2347322	G	-0.0568
rs112179339	A	-0.075
rs2042705	A	-0.0357

rs143838063	G	0.1483
rs144860824	A	-0.145
rs9866168	T	0.041
rs10935368	C	0.0471
rs10937260	C	0.0314
rs76874136	G	0.1668
rs4000279	T	-0.0973
rs11928083	G	0.0314
rs9917735	G	0.0592
rs6806982	C	0.0659
rs71310373	C	0.0988
rs4955212	A	0.0345
rs3811645	A	-0.0337
rs1516336	C	0.0309
rs116479850	T	0.2328
rs360759	T	-0.0297
rs74440625	T	-0.2711
rs10936190	T	0.1005
rs4955253	A	-0.0426
rs9222	A	0.0613
rs73186237	G	-0.0902
rs112661445	T	-0.1478
rs35902618	A	-0.0298
rs66808961	A	-0.0335
rs149097065	C	-0.2612
rs62284463	G	0.151
rs76046459	G	-0.163
rs114264167	A	0.092
rs78283980	A	0.113
rs116667804	T	-0.2071
rs76288086	T	-0.1082
rs114916951	A	-0.0996
rs113296022	A	0.0797
rs73019382	C	0.0707
rs115572925	C	0.2333
rs9837661	T	0.0663
rs146024196	T	-0.2026
rs661798	G	0.0292
rs149867524	G	-0.2492
rs115894276	A	0.0967
rs6790387	C	0.0588
rs112772993	C	0.0987
rs9850621	T	0.0312
rs74642451	G	0.0987
rs35477260	G	-0.0741
rs7374825	T	-0.0305
rs7612026	A	-0.0753

rs7631029	T	0.0375
rs116514399	G	-0.1227
rs56099243	T	0.1342
rs73089625	A	0.1812
rs78019734	G	0.1852
rs73163271	C	0.0693
rs73186336	T	-0.1368
rs62271842	G	0.0559
rs77046785	A	0.0971
rs4685447	C	0.0521
rs6550664	A	-0.0356
rs6796342	G	0.0477
rs2167470	T	0.047
rs9820319	T	0.0309
rs116227233	A	-0.0717
rs4974227	G	-0.0362
rs6437416	C	-0.0472
rs73154098	C	0.1912
rs80218881	G	0.1453
rs9826899	A	-0.1737
rs80011412	A	-0.1515
rs113115523	G	0.2647
rs115429191	C	-0.1503
rs35595276	A	-0.1493
rs1464118	C	0.0401
rs112400052	C	0.1423
rs13094395	T	-0.062
rs72950361	G	0.0573
rs475147	T	-0.043
rs4687936	C	-0.0334
rs621369	A	0.0353
rs138202179	T	0.1149
rs11707593	T	0.0379
rs78834471	G	0.1246
rs16859234	C	-0.0464
rs74710481	A	-0.0684
rs35311416	T	-0.0406
rs73097363	C	-0.1479
rs75074405	G	-0.0824
rs73084391	A	-0.1224
rs17280110	C	0.1181
rs17181079	G	0.029
rs80140734	C	0.1506
rs113856485	A	0.1094
rs76005926	A	0.1447
rs6779672	A	-0.0411
rs9840718	T	0.048

rs777219	C	-0.0491
rs139426119	A	-0.097
rs76956850	A	0.136
rs74696315	T	-0.1233
rs56196280	T	0.0494
rs882089	T	0.0351
rs76012677	A	-0.1459
rs73131858	G	-0.1718
rs111361147	C	-0.2056
rs148958688	G	0.1362
rs41292858	T	0.0877
rs587555	A	0.0309
rs6782633	A	0.0955
rs1442583	A	-0.0641
rs4677118	T	-0.0356
rs138936411	T	-0.0923
rs7626990	A	-0.0365
rs58581200	G	-0.1158
rs143481077	A	0.1664
rs17574486	A	-0.0651
rs4855485	G	0.0286
rs1878267	C	0.0304
rs75413172	C	-0.2234
rs115361754	A	-0.1573
rs111389344	C	0.1487
rs76471139	C	-0.0497
rs9861421	A	0.1751
rs12106789	G	-0.0286
rs7340622	C	-0.0301
rs28811415	T	-0.092
rs7639940	C	-0.1257
rs79607848	T	0.1712
rs9814447	C	0.0402
rs34507081	G	0.1165
rs17059503	C	-0.1382
rs6766488	T	-0.0475
rs2003216	T	-0.0314
rs7610516	C	0.0309
rs12491878	T	-0.1642
rs4955352	C	0.0516
rs11917524	G	0.0678
rs12635549	A	-0.0425
rs72993567	A	-0.0854
rs138668112	A	-0.2547
rs73164637	C	0.1407
rs79025618	T	-0.2475
rs4679981	C	-0.038

rs74399066	A	-0.2074
rs56111657	C	0.1129
rs116654741	T	0.1859
rs73154036	A	0.047
rs116618694	G	0.2397
rs35365684	C	0.0786
rs7625843	T	0.0305
rs80275930	A	0.0623
rs77286176	T	0.126
rs17732588	C	-0.2269
rs28575470	T	0.0605
rs139875843	A	0.1108
rs6549824	C	0.0458
rs77318135	C	0.2362
rs11721055	G	0.0472
rs139125439	G	0.0613
rs147538869	A	0.2375
rs56663890	C	0.0502
rs114833772	A	0.1479
rs871652	A	0.0359
rs17272271	C	-0.0423
rs111455604	A	-0.0798
rs55682808	G	-0.1766
rs12496272	G	-0.0957
rs79850821	A	-0.0676
rs59143878	T	0.1178
rs148969183	A	-0.1543
rs116209355	G	-0.245
rs1909582	G	0.0351
rs2630248	C	0.0924
rs67182448	C	0.0569
rs9860180	G	-0.0488
rs77305066	A	0.0865
rs146824053	A	0.0974
rs73233389	T	-0.0662
rs67867674	A	0.1015
rs79696607	T	0.1136
rs56408216	C	0.1613
rs7622430	G	0.0288
rs9872244	G	-0.0354
rs328050	G	-0.0286
rs9839511	C	-0.0834
rs112708555	T	0.2471
rs11915705	C	-0.0671
rs56108752	G	0.1078
rs1881669	A	0.0395
rs4501086	A	0.0313

rs77590009	G	-0.0797
rs34416524	T	0.073
rs4855112	A	-0.0312
rs113797233	T	-0.0443
rs342913	A	0.0296
rs17005789	G	0.0843
rs13064472	A	-0.0377
rs1461124	T	0.0335
rs112675210	A	-0.0783
rs7613553	A	0.0293
rs12491477	G	0.136
rs138525276	G	-0.2089
rs56298543	C	-0.03
rs13078041	C	0.0298
rs111817793	T	0.159
rs13075577	A	0.1113
rs34034750	A	-0.0406
rs13093726	T	0.1528
rs7617388	A	-0.0499
rs148369035	T	-0.14
rs114158393	T	0.1204
rs73873136	C	0.048
rs79548068	A	0.1412
rs147707050	C	0.1046
rs115082146	A	-0.1465
rs62266506	T	0.0498
rs113610340	G	0.2134
rs75221584	T	-0.0969
rs75659374	C	0.1376
rs4685554	T	-0.0493
rs78775848	T	-0.091
rs72549251	C	-0.2581
rs62236260	C	0.0555
rs9877782	C	-0.0488
rs77839347	T	-0.1167
rs1994727	T	0.0456
rs6441794	C	-0.0711
rs17068597	C	-0.0471
rs147766289	T	-0.2324
rs13065964	G	-0.0297
rs113338448	G	-0.0639
rs115394351	G	0.079
rs142604803	A	0.2529
rs1490508	G	-0.155
rs73205778	A	-0.0675
rs714435	G	-0.033
rs114334995	T	0.067

rs77775212	A	-0.086
rs114752509	T	-0.2236
rs4683491	G	-0.0313
rs1350286	C	-0.0311
rs115306644	T	-0.1278
rs7652157	T	0.0288
rs13326405	C	0.0588
rs1452079	C	0.1372
rs7619002	C	-0.1075
rs6796475	C	0.0399
rs2111990	G	-0.1096
rs2163907	A	-0.0344
rs9811203	C	0.0309
rs379945	G	0.1261
rs10513451	T	0.038
rs76951511	C	0.1329
rs11719131	G	-0.0527
rs2306507	G	-0.0352
rs76729135	A	-0.125
rs17416597	A	0.0314
rs56189177	T	-0.1131
rs938242	G	-0.0293
rs73156654	A	0.0419
rs6775598	C	0.1591
rs17294121	G	0.0651
rs73181940	C	-0.0912
rs9823028	A	-0.0301
rs1078398	G	-0.0333
rs1354316	A	-0.0288
rs4831100	G	0.0389
rs10470540	T	0.0294
rs75516811	T	-0.1101
rs73160751	C	0.1663
rs73203065	A	0.2066
rs73038344	G	0.0431
rs2399013	G	-0.1344
rs11928946	T	0.0392
rs73127329	T	0.1577
rs9834600	T	0.1368
rs1248842	G	0.0695
rs75324353	T	-0.1439
rs62273352	G	0.206
rs2712402	G	0.0889
rs4688562	T	0.0579
rs116643249	A	-0.0561
rs684237	T	0.0291
rs116210781	T	0.2101

rs76336715	A	0.0928
rs12492229	C	0.0308
rs13076906	A	-0.0393
rs115937474	T	-0.226
rs162212	G	0.0308
rs149861735	G	0.1283
rs151184105	T	0.169
rs11716322	C	0.1308
rs9833049	G	0.0397
rs1157514	C	-0.0319
rs79057419	A	0.1336
rs9870027	T	0.0287
rs17061792	T	-0.0446
rs116185214	G	-0.1217
rs73066129	A	0.0581
rs116688965	T	-0.1224
rs139840344	G	0.1899
rs74648194	G	0.0954
rs115923832	C	0.1578
rs9850047	T	-0.0484
rs11925648	C	-0.0849
rs143255403	A	0.2883
rs6762925	A	0.0288
rs17606778	A	0.0372
rs1983163	A	0.0326
rs62267141	T	-0.0457
rs143502374	A	0.2089
rs17665280	C	-0.0319
rs4615118	G	0.034
rs4618190	G	-0.1865
rs9871913	C	-0.0473
rs1495371	T	0.0658
rs144871917	A	-0.1525
rs79854121	C	-0.1244
rs9848438	C	-0.1584
rs79110283	A	0.1152
rs138980014	A	0.1999
rs4527343	A	-0.0312
rs62253587	T	0.0588
rs115367214	G	-0.2203
rs9829072	C	0.0294
rs11921448	T	-0.0367
rs138979721	T	-0.1535
rs709451	G	-0.0321
rs77926536	A	-0.0818
rs1405034	A	0.042
rs72552102	C	0.1677

rs4683795	G	0.031
rs62234404	T	0.0468
rs111287925	T	0.1249
rs9835061	A	-0.0573
rs112499048	G	0.1303
rs1918101	T	0.0447
rs13065768	C	-0.1057
rs13100376	A	-0.0457
rs6549387	C	-0.0576
rs139648587	T	0.0781
rs56171809	C	0.1696
rs116248771	G	0.0366
rs34286389	C	-0.0366
rs4916482	G	-0.0422
rs137996956	G	-0.0375
rs997245	T	-0.0837
rs3772840	T	-0.0284
rs62294696	G	-0.0655
rs115771670	A	-0.1068
rs73136796	C	-0.1014
rs17314168	C	0.0291
rs74339032	T	0.1444
rs115235164	T	-0.1348
rs113072288	G	0.1605
rs112714621	G	0.1028
rs139081176	T	-0.0519
rs72628640	G	-0.1025
rs55955702	A	0.1586
rs9823939	G	-0.0781
rs9815203	A	0.0331
rs71625013	G	-0.0545
rs2219702	A	0.0769
rs78849004	A	-0.0924
rs138329319	C	-0.1283
rs147413792	A	0.1995
rs4331657	A	0.0355
rs9839930	A	0.0298
rs77893146	G	0.172
rs9683303	T	0.0375
rs13097229	T	-0.0499
rs1602698	G	-0.0832
rs75602844	C	0.1436
rs9843602	G	0.029
rs16864145	C	0.1064
rs2241308	A	-0.0375
rs144172216	T	0.0755
rs149008249	A	-0.066

rs35931046	C	-0.0313
rs9871754	G	0.1556
rs724450	T	-0.0374
rs9865485	T	0.044
rs55703247	C	0.0753
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rs1532244	G	-0.0489
rs34707595	G	-0.054
rs34874227	T	-0.1421
rs36212516	A	-0.0714
rs2029665	A	0.0286
rs76601653	C	-0.0499
rs1552392	T	-0.1096
rs62252356	T	-0.1933
rs68082651	C	-0.1275
rs12486772	G	0.0367
rs55750769	C	0.0918
rs77235099	T	-0.1679
rs13315414	T	-0.1253
rs75483758	T	0.0691
rs9852547	A	0.1117
rs3774667	G	-0.047
rs56764514	T	-0.033
rs12639029	C	0.046
rs1009965	A	0.0693
rs114389312	C	-0.2255
rs150845241	T	-0.1587
rs138546425	G	-0.1518
rs79796809	C	0.1779
rs73090039	C	0.0847
rs115356575	A	0.2347
rs116794612	A	-0.0792
rs9820768	T	-0.0944
rs1551424	G	0.0294
rs114283497	A	0.1032
rs13070122	G	-0.0284
rs7640178	T	0.0839
rs114572156	T	0.1408
rs149747526	A	-0.1996
rs6801039	G	0.03
rs4102412	A	-0.0301
rs114171886	A	-0.2142
rs112257251	A	0.0399
rs754808	T	-0.032
rs75507658	T	0.1426
rs2720233	G	0.1006
rs116506401	G	-0.1815

rs12491429	C	-0.0291
rs151216277	A	0.1453
rs6782933	A	-0.0733
rs169045	C	-0.0298
rs16851803	A	0.1132
rs11709896	T	-0.0579
rs11928049	C	0.0301
rs67801338	T	-0.0323
rs78057804	G	0.1036
rs76934798	A	0.1093
rs6800495	T	0.0321
rs55820630	T	-0.0402
rs6784338	A	-0.0524
rs4241437	G	0.0322
rs1460929	C	0.1236
rs4419341	T	-0.0432
rs6765728	T	0.0491
rs111344882	T	-0.1756
rs1516301	T	-0.1209
rs2728033	G	0.0299
rs6773960	T	0.0829
rs73136067	G	-0.0433
rs17200285	A	0.1526
rs78172939	G	-0.118
rs112514171	T	-0.1356
rs74434165	C	0.0357
rs7426504	G	0.176
rs73037016	T	-0.1841
rs34558120	A	-0.135
rs2174233	G	0.0441
rs1137832	G	0.0684
rs349549	C	0.0304
rs114390445	A	0.2113
rs62242550	A	-0.0739
rs141811025	A	-0.2441
rs301569	A	0.0917
rs1880838	A	0.0287
rs164958	T	-0.0421
rs7431346	T	0.0423
rs13075932	C	0.0503
rs111431419	C	0.1766
rs2372758	A	0.0299
rs116135711	C	0.0884
rs150736272	C	0.1636
rs73153705	C	0.1398
rs75467744	G	0.0662
rs76212525	C	-0.1029

rs115590399	T	-0.1283
rs12631973	T	-0.0438
rs79896173	T	0.1196
rs11715332	T	0.1186
rs6803101	G	0.03
rs6776791	T	0.0283
rs28450867	A	-0.0691
rs142616038	G	0.2536
rs4320030	C	-0.033
rs115609961	A	0.1701
rs79943910	T	0.1368
rs17021139	C	0.0718
rs74601350	G	0.2924
rs79567885	C	-0.1545
rs113125447	A	-0.1546
rs111901475	A	0.0909
rs13100723	T	0.0721
rs116470303	C	-0.1331
rs10470296	C	-0.0673
rs76757190	T	0.0404
rs115431673	C	0.1803
rs4470556	T	-0.0347
rs11717042	A	0.0333
rs7632447	G	-0.0346
rs115985985	C	-0.1623
rs1369403	T	-0.0561
rs77153881	T	0.1294
rs79335355	T	0.1092
rs79369891	A	-0.0676
rs2134779	G	0.0292
rs76732393	G	0.1529
rs1014695	C	-0.0408
rs62232083	A	0.0662
rs76292232	T	-0.1284
rs74720080	G	-0.1377
rs6778750	C	-0.0286
rs815703	A	-0.0397
rs7637089	A	-0.0487
rs150111985	C	-0.0963
rs73075350	T	0.1261
rs12633737	A	-0.0338
rs4476462	C	0.0541
rs114441975	C	-0.0877
rs75597442	G	0.1106
rs111483048	A	-0.0419
rs79395311	T	0.1334
rs2140502	G	0.0298

rs138772828	A	0.2117
rs1508207	T	0.0313
rs2772449	G	0.0552
rs112082601	A	0.1537
rs62278761	G	-0.0307
rs142018417	G	0.1519
rs4676847	C	0.0584
rs9844004	C	0.0397
rs3864102	T	-0.0365
rs115970758	T	0.1143
rs113685228	C	-0.1484
rs140754245	A	0.1604
rs79424406	A	-0.0633
rs34078176	A	0.098
rs10490856	T	-0.1201
rs138697802	A	-0.1725
rs2953795	C	0.0848
rs13086568	T	-0.0964
rs1351627	A	0.0411
rs34548393	A	-0.06
rs73190999	A	-0.2028
rs73156871	A	0.0696
rs73153961	C	0.0732
rs2553942	T	0.0375
rs139497458	T	0.1665
rs62258017	G	0.0529
rs139611313	C	0.177
rs116285080	C	-0.1237
rs75274102	A	-0.0688
rs13067579	T	-0.0446
rs630040	G	-0.0394
rs112878393	A	-0.0653
rs112525336	G	0.1006
rs6419757	C	0.0635
rs10933732	A	0.0809
rs73187205	G	0.1532
rs150494180	A	0.1504
rs148308106	A	0.1781
rs111340281	A	0.18
rs150140500	A	0.1511
rs114599195	C	0.1219
rs75393787	T	-0.1392
rs13087036	A	0.1879
rs9873983	C	0.0286
rs13097253	G	-0.0586
rs112265751	A	0.0542
rs56361229	T	-0.0435

rs77730862	G	0.2072
rs75492537	C	-0.1295
rs114756562	G	0.0979
rs12494438	A	0.04
rs79991466	G	0.063
rs77964125	T	0.0688
rs113631936	C	-0.1645
rs12494203	A	-0.0345
rs73049914	A	0.0887
rs7636205	C	-0.0489
rs62282494	T	-0.1183
rs79161645	C	-0.2019
rs73809835	T	0.1157
rs13075358	T	-0.0297
rs7641385	G	0.0648
rs11715696	G	0.1011
rs62270486	A	0.0539
rs7613476	T	-0.2022
rs11717482	C	-0.0361
rs139374929	G	0.1678
rs114467488	G	-0.1728
rs4571268	C	-0.0564
rs115028961	G	0.0992
rs9843503	G	0.0641
rs75835511	G	-0.127
rs115246616	G	0.1859
rs7640327	T	0.0312
rs150798508	G	0.2519
rs73171528	A	-0.0348
rs72883802	C	0.1153
rs4687032	G	0.0378
rs17635521	G	-0.0999
rs150351509	A	0.1876
rs11927834	A	-0.104
rs9823183	C	-0.0421
rs1281461	A	-0.0334
rs7647341	T	-0.0386
rs62257287	T	0.1097
rs1167241	C	-0.0285
rs1373612	G	-0.0568
rs13084916	A	0.0493
rs111785173	C	-0.1316
rs3773404	T	0.0363
rs80076841	A	-0.1266
rs12695072	A	0.0326
rs149402393	T	-0.1173
rs12695510	T	0.0342

rs80244473	G	-0.112
rs148894145	C	0.2986
rs9848484	A	-0.0389
rs114671462	T	-0.1198
rs9860076	A	0.0505
rs545517	A	-0.0349
rs56144226	C	-0.0298
rs330245	C	-0.0393
rs76582976	T	0.1092
rs57801260	A	0.0371
rs2685112	A	0.0329
rs140124868	T	0.1608
rs641320	A	0.0708
rs4683684	T	-0.0291
rs690085	T	-0.0286
rs11929443	A	-0.1706
rs55725726	A	0.0379
rs73170100	G	0.0799
rs874404	T	0.0319
rs112693682	T	-0.2112
rs1078247	A	0.0311
rs55657445	C	0.046
rs145304669	C	0.0396
rs138873724	T	-0.1596
rs57063234	A	0.0738
rs6778691	G	-0.0614
rs4111592	C	0.0361
rs76629804	C	0.0751
rs59881561	A	0.0399
rs10933678	A	0.0564
rs3774533	G	-0.0275
rs74597036	T	0.0535
rs73190072	T	-0.1034
rs116170953	G	0.1227
rs9825965	C	-0.0287
rs73051577	T	0.0415
rs3749223	A	0.037
rs111286424	G	-0.1172
rs76395576	A	-0.1833
rs9859399	T	0.0329
rs74834856	A	0.0664
rs78912167	T	-0.0801
rs75571852	A	0.0783
rs13094642	G	0.0699
rs80055578	T	0.0816
rs79176931	C	-0.0552
rs77781643	C	-0.1438

rs80308945	C	-0.1251
rs2720268	C	-0.0393
rs12490481	C	-0.0297
rs116068929	G	-0.1227
rs77009800	A	-0.0756
rs1845130	G	0.0393
rs79523263	G	-0.0901
rs76859987	T	-0.1285
rs6782714	T	0.0289
rs163542	G	-0.2036
rs77662473	C	0.0746
rs13091309	C	0.0643
rs9864446	C	0.0296
rs55791224	A	0.0577
rs57381447	G	0.1073
rs58310271	C	-0.0399
rs13061652	A	0.0285
rs145343927	G	0.1409
rs76418455	T	0.0683
rs1444764	A	0.0325
rs35501665	G	-0.0383
rs1344869	A	0.0771
rs34320859	A	-0.1322
rs75490820	A	0.0601
rs115523307	A	0.1675
rs9845045	C	-0.1449
rs116659860	G	-0.0909
rs73066381	T	0.0492
rs116105069	G	0.1473
rs143172940	C	0.0705
rs139020405	A	0.1666
rs954494	A	0.0314
rs1055690	C	0.0458
rs59222753	A	0.0978
rs73024225	A	-0.1491
rs149229124	T	-0.1675
rs112716031	T	0.1731
rs72622565	T	-0.0878
rs58628781	T	-0.1079
rs12638681	C	-0.0507
rs779905	T	0.0406
rs632776	C	-0.048
rs10513210	T	0.0548
rs7640430	A	-0.0577
rs4476497	G	-0.1254
rs62271756	G	-0.0957
rs73157093	C	0.0391

rs4497978	C	-0.0297
rs73009420	G	0.2019
rs62255818	G	0.0863
rs13068772	G	-0.0368
rs140565493	T	-0.0814
rs6788586	G	0.0781
rs2370987	T	-0.1202
rs62250526	T	-0.0607
rs7637558	G	-0.0316
rs12497639	A	0.0289
rs139709912	G	-0.1327
rs75102918	T	0.1546
rs80132504	C	-0.1157
rs114440527	C	0.184
rs6780959	G	-0.0467
rs1488795	C	0.0323
rs6800181	G	0.0377
rs7627919	C	-0.1872
rs9873095	G	0.1048
rs1881309	G	-0.0322
rs73052629	G	0.1967
rs34517609	C	0.0799
rs62244094	T	-0.0462
rs16854538	A	0.1029
rs1798631	C	-0.0801
rs36158264	G	-0.0797
rs13098278	G	-0.2381
rs150966305	T	-0.1251
rs75544784	T	-0.1601
rs78176024	C	0.0768
rs4955761	T	-0.0341
rs1458004	A	-0.114
rs1948158	A	0.0314
rs116781165	A	0.1675
rs76664127	G	0.1913
rs13065629	C	0.0393
rs73210099	A	0.1699
rs10935065	A	0.0311
rs113462615	C	0.1117
rs342051	C	0.0292
rs75948640	T	0.1632
rs1838141	G	-0.0309
rs116222707	T	-0.1969
rs7647187	T	0.0512
rs6764280	C	-0.0896
rs6796055	T	-0.1106
rs4642136	T	0.0337

rs2090909	C	-0.0921
rs1471271	T	0.029
rs28584761	A	0.0362
rs9846099	T	0.0376
rs1504069	C	-0.0326
rs115798409	G	0.0731
rs34354268	G	-0.037
rs76102129	G	-0.1861
rs56309502	G	0.0377
rs149190516	A	0.129
rs148551429	G	-0.165
rs7621998	G	-0.1203
rs77520374	T	0.1481
rs2063125	G	-0.0319
rs115600064	C	0.0437
rs10510826	T	0.0493
rs62251919	C	-0.1485
rs77012640	G	-0.1275
rs636277	A	0.0319
rs6763099	C	0.0351
rs73191713	G	0.087
rs62408946	A	0.0346
rs79149846	A	0.1555
rs2875528	T	-0.0465
rs75698059	G	-0.1973
rs524360	C	0.029
rs111594743	T	-0.181
rs149758650	T	-0.1216
rs115088345	T	0.0645
rs76810682	G	-0.1513
rs2122324	G	0.1131
rs9311980	T	0.0369
rs6765629	A	0.0288
rs12152251	C	0.0682
rs7621589	C	0.0293
rs263002	T	0.0917
rs115010343	C	-0.1372
rs112579976	G	0.0573
rs2712996	G	0.0603
rs9867418	T	-0.0509
rs12152459	G	0.0414
rs4855961	A	0.0582
rs1994077	G	-0.0483
rs62242380	C	-0.0337
rs9310707	A	0.0293
rs4687148	G	0.0517
rs116288386	A	-0.0675

rs148994788	A	0.1285
rs7613235	G	0.0405
rs74691141	T	-0.0569
rs4362694	T	-0.1483
rs112556722	T	0.1138
rs11708125	C	0.0726
rs4146784	A	-0.039
rs116643716	A	0.1578
rs77822820	T	0.0578
rs78724197	A	-0.0617
rs6797526	T	0.03
rs62246178	A	-0.0554
rs9838891	C	-0.0354
rs112906612	G	0.2171
rs62234268	G	0.1095
rs116478481	T	0.2159
rs1503738	A	-0.0289
rs7630621	G	-0.0312
rs1817615	T	-0.043
rs56390626	G	0.0821
rs7649028	T	0.0317
rs36006255	A	-0.0533
rs2247173	A	0.1113
rs73173796	G	0.048
rs28674898	A	-0.0289
rs56040546	A	0.0349
rs6786629	A	-0.0898
rs13092095	T	0.0475
rs17732368	A	0.0852
rs13082398	A	0.0287
rs67948137	T	-0.1224
rs4381930	T	0.0323
rs114319347	G	-0.1255
rs7635013	C	-0.0342
rs77942621	G	0.0525
rs149522284	T	0.1423
rs79087781	A	0.0697
rs3773309	C	-0.0435
rs73163876	G	-0.1811
rs114205521	G	-0.2174
rs78341897	G	-0.0468
rs115260148	T	-0.1167
rs336614	T	0.0275
rs6800179	G	0.0415
rs138332050	A	0.1078
rs11535078	T	-0.1376
rs77505126	T	-0.0877

rs116333189	T	0.1893
rs144733839	C	0.1688
rs73193048	C	0.0879
rs146413863	T	0.1235
rs11717186	A	0.0663
rs4458401	T	-0.0339
rs17013665	T	-0.0334
rs12487333	T	-0.0342
rs4686816	C	-0.0571
rs1406559	G	0.0286
rs13059137	T	-0.0327
rs73162374	T	0.1283
rs112451160	C	0.0937
rs115797300	G	-0.0818
rs968628	G	0.0278
rs146312506	G	-0.1457
rs143610214	T	0.2236
rs9817697	A	0.0916
rs13078176	T	-0.1851
rs11719588	G	-0.0304
rs17033991	A	0.0606
rs73044208	T	0.1793
rs6808442	C	0.0745
rs34881495	T	-0.0321
rs6798351	T	0.0434
rs500910	T	-0.0315
rs2699848	T	0.0292
rs6789038	C	0.0443
rs61269136	T	-0.0521
rs13075686	C	-0.0299
rs115000530	T	0.0611
rs115730807	G	-0.1217
rs116831965	A	0.1438
rs116044014	A	0.1028
rs77046304	G	-0.1791
rs12495901	G	0.0741
rs7636091	G	0.0563
rs7615620	A	-0.0293
rs115318218	G	0.1865
rs79303302	A	-0.1188
rs6445346	C	-0.0715
rs55660709	T	0.0501
rs80062084	T	-0.161
rs901089	C	-0.0351
rs9819786	T	0.0276
rs822776	G	-0.028
rs75491849	C	-0.1342

rs9839427	G	-0.0296
rs115558792	C	-0.1495
rs60863236	C	-0.0451
rs11709614	A	-0.0303
rs139758330	T	-0.0938
rs1449873	C	-0.0411
rs2203071	T	-0.0458
rs9861329	T	-0.0282
rs12633892	G	-0.0361
rs13083634	T	-0.0329
rs114739542	C	-0.0964
rs1299752	C	-0.0418
rs10934354	A	0.0297
rs113806621	T	0.0724
rs111528470	G	-0.1309
rs13100089	A	-0.0775
rs6801017	G	-0.0344
rs1443531	A	0.1363
rs873685	T	0.044
rs113516983	T	0.1553
rs9883363	A	0.0358
rs111751790	G	-0.1706
rs9836754	C	-0.0282
rs34622313	T	0.0488
rs630743	A	-0.0311
rs115167222	A	-0.1618
rs76675952	A	-0.1766
rs9848415	A	-0.0313
rs4680931	G	-0.0277
rs78076163	C	0.1355
rs4858182	A	0.0322
rs73147258	G	0.0613
rs7612622	C	0.0282
rs17050220	A	0.0424
rs28535738	G	-0.0449
rs4312691	C	0.0276
rs4384918	C	-0.0362
rs114154970	T	0.1824
rs2455891	T	0.0308
rs1274226	T	0.0327
rs78331870	T	-0.0904
rs9836934	T	-0.036
rs9816312	T	-0.0438
rs79967534	C	0.087
rs13063766	T	0.0818
rs28471083	T	0.0916
rs35238780	C	-0.0494

rs144443161	T	-0.1105
rs66596975	T	0.0339
rs17817202	T	-0.1436
rs115220619	A	0.1364
rs55934314	A	0.2136
rs13097864	T	-0.1024
rs77152734	C	-0.1318
rs116444076	G	-0.0761
rs1608592	A	0.0317
rs145053545	C	0.2013
rs28621708	T	0.0458
rs9828620	A	0.0286
rs41289618	C	-0.0831
rs56118570	T	0.0405
rs138681403	A	0.1469
rs41397044	T	0.0325
rs114031221	G	-0.056
rs1179911	G	0.0293
rs12485991	A	-0.0872
rs61523196	A	0.032
rs6802719	T	-0.085
rs62245883	T	-0.1392
rs35385164	A	-0.1149
rs77264412	G	0.0504
rs34443195	A	0.0734
rs1021813	C	-0.0313
rs62287422	A	-0.032
rs4101507	C	0.0402
rs4682259	T	-0.0364
rs6764703	G	0.1644
rs75639774	A	0.0664
rs142723723	A	0.1
rs7653048	T	0.0481
rs75902409	C	0.1297
rs140321477	A	-0.1805
rs1242059	G	-0.0668
rs9867525	T	0.0299
rs111524946	A	0.1052
rs115904595	A	-0.1614
rs6437847	G	-0.0276
rs1452193	T	-0.0276
rs80113949	A	0.1066
rs116606614	T	0.1129
rs9811139	C	-0.0499
rs13060811	G	0.0397
rs533962	C	0.0337
rs146735513	T	0.1004

rs146561190	C	-0.1409
rs113409576	T	-0.1016
rs3100792	C	0.054
rs74977272	C	0.1223
rs62292974	C	0.0436
rs56078722	T	0.0373
rs62245173	T	-0.0359
rs78556275	A	-0.0559
rs4597661	T	-0.0351
rs75089886	T	0.2218
rs77266339	C	0.0857
rs7610565	C	0.0817
rs144742004	A	0.1473
rs114424605	A	-0.0987
rs77247159	C	-0.1069
rs6770055	G	-0.0371
rs115002295	G	-0.1912
rs10937312	A	-0.0387
rs73152545	G	-0.088
rs6786557	A	-0.0732
rs6801821	C	-0.0296
rs17049639	T	-0.0485
rs1390765	G	0.0413
rs76049046	T	-0.0863
rs4684235	A	0.037
rs17331109	G	0.0929
rs7623781	T	0.032
rs2100415	C	0.0293
rs13094301	T	-0.0348
rs12107402	T	0.0716
rs155886	T	0.0497
rs79056381	C	-0.1393
rs114589557	T	0.1923
rs35452994	A	0.0597
rs73118141	C	-0.0362
rs150543756	C	-0.1168
rs73021628	G	0.1682
rs1454144	C	0.042
rs1383844	C	0.0339
rs150285548	C	-0.1489
rs143767101	A	0.1516
rs13068975	G	0.0443
rs76461688	A	0.0898
rs112582032	A	0.1127
rs6785709	G	0.0517
rs1259445	A	-0.0315
rs28625915	C	-0.1786

rs6785296	G	-0.029
rs11922147	C	0.0728
rs6808180	G	0.0849
rs75196513	A	-0.1608
rs112306592	A	0.0634
rs11922517	C	-0.1276
rs882059	C	-0.0285
rs7622437	C	0.0297
rs62238222	T	-0.0605
rs13433995	T	-0.0722
rs35862	T	-0.0278
rs78140886	T	-0.1835
rs115868793	A	-0.1769
rs141177552	A	-0.1935
rs17050246	C	0.207
rs62252188	A	-0.1165
rs115800210	A	0.1401
rs150784298	A	0.1964
rs76016233	G	0.13
rs10513681	C	0.2463
rs35451838	C	-0.1279
rs67505222	A	0.0468
rs2285370	A	-0.0734
rs117875661	A	-0.1218
rs1842306	C	-0.0311
rs7625872	A	0.0387
rs774752	A	-0.0512
rs77588818	C	-0.1407
rs76962277	T	-0.122
rs76752908	T	-0.1577
rs142780281	C	0.1451
rs115307266	A	0.1529
rs3773704	C	-0.0909
rs1458985	G	-0.1086
rs150418951	C	0.1425
rs115379936	G	-0.0932
rs13063547	T	-0.0339
rs140254252	T	0.2112
rs115237507	G	0.0827
rs141989211	G	-0.2237
rs115820436	A	0.1966
rs17656685	A	-0.1505
rs74852705	T	-0.0649
rs73048443	G	0.0364
rs6808341	C	0.0313
rs17042373	T	0.1043
rs114260391	T	0.2002

rs73139077	C	-0.0355
rs7433834	C	0.0481
rs71623470	A	0.054
rs872715	A	-0.1422
rs144664464	G	-0.1743
rs141539008	A	0.1192
rs62285624	T	-0.1173
rs62245763	G	-0.1573
rs12107887	C	0.0286
rs17607135	C	0.0439
rs7617340	T	0.0289
rs138413693	A	0.1124
rs77578567	T	0.0561
rs76069261	T	0.0645
rs213423	C	-0.0772
rs140132140	T	0.1564
rs112862339	A	0.1128
rs73812500	T	0.1166
rs35674510	T	0.0723
rs34022279	A	0.0364
rs76154719	A	-0.1148
rs149014436	T	-0.1869
rs115988344	T	-0.1553
rs417390	C	0.0367
rs7374385	C	0.1051
rs1828013	G	0.0408
rs66875251	T	0.0373
rs2133590	G	-0.0302
rs4246662	A	-0.0451
rs74927835	A	-0.213
rs112203331	T	0.1155
rs114203552	A	0.1586
rs6793039	A	-0.0915
rs75060708	A	-0.1195
rs800370	A	0.1469
rs6798308	T	-0.0277
rs1992426	G	0.0353
rs115013686	C	0.1896
rs7628305	C	0.181
rs114550349	G	0.1814
rs73215928	G	0.1514
rs73068693	G	-0.1037
rs78143315	A	0.0565
rs3772611	C	0.0744
rs13099630	T	-0.2159
rs7611607	G	0.1639
rs6802358	G	-0.0371

rs111663299	A	0.0491
rs80281183	T	0.1556
rs7373459	C	0.0422
rs144968109	G	-0.1681
rs6804034	T	0.0314
rs334790	G	0.0653
rs114836705	G	-0.1106
rs114574351	A	0.1269
rs73228935	C	-0.0623
rs74678274	T	0.11
rs9828115	G	-0.0905
rs73013380	T	0.1433
rs115495818	G	0.1161
rs4685012	G	-0.0298
rs115443587	A	0.1079
rs73186680	A	-0.1628
rs117307338	A	-0.0801
rs9875310	G	-0.0311
rs1426810	G	0.0272
rs115957508	T	-0.2484
rs2369467	C	0.2153
rs80255683	T	0.0861
rs77982189	A	0.0876
rs73110374	C	0.0531
rs11929332	C	-0.032
rs112260902	T	0.0863
rs9844438	A	0.1308
rs6768569	A	-0.0279
rs4245878	A	-0.033
rs62271130	C	0.0456
rs11927311	C	0.0581
rs4591460	A	-0.0345
rs34797365	C	0.0574
rs7651400	A	-0.1658
rs28545218	A	-0.1263
rs116448228	C	0.0864
rs1495839	A	0.0282
rs9838622	A	-0.0324
rs13080750	T	0.0489
rs116423614	A	-0.1564
rs6550889	T	-0.0295
rs11466480	G	0.1053
rs113753629	A	0.0756
rs35561956	T	-0.0392
rs358810	T	0.0405
rs144571735	A	-0.114
rs9855092	G	-0.0338

rs13087154	A	-0.0927
rs16860245	C	0.0715
rs634393	T	0.0518
rs143792336	A	0.2213
rs77650712	G	-0.1805
rs6414610	G	-0.0439
rs150420119	T	-0.2099
rs7652831	G	-0.1646
rs144768092	C	0.1632
rs73026543	A	0.1214
rs9865044	G	-0.0365
rs145974115	C	0.1315
rs2087598	G	0.0882
rs13317259	A	0.205
rs74733487	C	-0.1939
rs13093417	G	-0.0492
rs7630416	C	0.0333
rs112565655	A	0.1668
rs78398630	G	-0.1035
rs77639519	G	0.1966
rs1710885	C	0.0375
rs1568576	T	0.0342
rs142622180	A	0.1467
rs403412	A	-0.0335
rs74964350	A	0.1513
rs34654030	A	0.039
rs145822740	C	-0.208
rs140804061	C	-0.1533
rs17512378	C	0.121
rs146039893	A	0.1591
rs9873853	A	0.0799
rs4347968	T	-0.1345
rs62275090	A	0.049
rs9872564	G	-0.0287
rs115664155	T	-0.1814
rs78114319	C	0.0751
rs11919684	C	-0.0664
rs73014607	T	-0.2763
rs74600029	G	-0.0618
rs17366568	A	0.0588
rs6800130	T	-0.0321
rs116528491	T	0.1057
rs79589055	A	0.0395
rs7639622	T	0.0298
rs62242587	A	0.0683
rs7641924	T	-0.095
rs15205	T	0.1091

rs293915	A	-0.0272
rs75415798	A	-0.1569
rs115515893	A	-0.1158
rs1712542	T	0.1509
rs4688101	A	-0.027
rs4678075	T	0.0312
rs1483628	C	0.0415
rs13325698	C	0.0333
rs115318818	A	-0.1056
rs12630204	T	0.0986
rs151198918	C	-0.1807
rs76180343	G	0.1954
rs4677872	A	-0.0326
rs36130730	T	-0.0494
rs7635642	C	-0.0287
rs5011096	T	-0.0591
rs76775688	A	0.0715
rs7626500	A	-0.0332
rs154238	G	0.0317
rs7644694	A	0.1173
rs77811673	C	-0.0668
rs9837161	T	-0.0275
rs6808530	T	-0.0436
rs9827849	G	-0.0275
rs62236331	A	-0.082
rs62233948	T	0.0993
rs113013633	G	0.178
rs1518993	A	0.0778
rs7633354	G	-0.0266
rs17681207	T	-0.0726
rs114932447	A	0.1151
rs142638552	C	0.1291
rs73140300	T	-0.077
rs7614393	G	0.0984
rs13073229	A	0.1338
rs4974050	C	-0.0948
rs111387211	G	-0.0645
rs4470441	C	0.0366
rs73023211	A	-0.1991
rs76448299	T	-0.1907
rs73204273	C	0.0832
rs59016477	C	-0.0492
rs1055161	A	0.0279
rs17033143	A	0.0531
rs79868543	C	-0.1065
rs4277628	T	0.0271
rs6783043	A	0.0274

rs9861019	C	-0.0918
rs2596837	C	0.0307
rs79729546	T	-0.1177
rs116329575	T	-0.1643
rs3828372	G	0.0316
rs1400673	G	-0.0522
rs2289272	A	0.0832
rs11717750	C	0.0273
rs140392762	A	-0.128
rs9836743	T	-0.0384
rs73811005	A	0.0492
rs9847463	G	-0.0272
rs6443966	T	-0.0604
rs4257538	C	0.0366
rs13353416	C	0.1147
rs78131070	T	0.1403
rs115470842	A	0.3022
rs72998676	T	0.0909
rs17045263	C	0.1718
rs3732797	A	-0.0503
rs148874751	C	0.1973
rs12631772	T	-0.0877
rs6772267	C	-0.0525
rs1707601	T	0.0277
rs12330361	G	0.0933
rs73047624	T	-0.1353
rs6766779	T	0.0859
rs1910236	A	-0.0272
rs73160185	G	0.0361
rs74868079	A	-0.1039
rs7647338	C	0.0653
rs77219309	A	-0.0925
rs146668686	T	-0.049
rs1391049	C	0.1135
rs143913465	G	-0.2547
rs56015012	A	-0.1371
rs478250	A	-0.0346
rs78628794	C	0.1254
rs80076187	G	-0.0577
rs150235784	G	0.2266
rs75678022	G	-0.1383
rs13069941	C	0.0342
rs184813	T	-0.1504
rs66524784	C	-0.0404
rs79057241	A	-0.043
rs146336781	C	-0.1673
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rs9815273	C	-0.1088
rs2372346	A	0.1113
rs34924380	G	-0.038
rs78319620	G	-0.1111
rs2372069	A	-0.0493
rs73184735	C	-0.1099
rs10513518	T	-0.1141
rs143446671	T	0.1771
rs13063977	T	0.0278
rs115179602	G	0.098
rs57190742	A	0.1649
rs111819048	C	-0.2248
rs28436583	T	-0.0539
rs4677689	T	-0.0681
rs4684618	T	-0.0739
rs74529217	C	-0.0993
rs114714788	G	0.16
rs35993532	G	-0.0359
rs268657	C	-0.052
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rs12152400	C	-0.0354
rs115562294	A	0.1591
rs17039234	G	-0.0279
rs9828937	C	0.0446
rs72615614	G	0.0811
rs62273799	G	0.1604
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rs56088529	G	-0.042
rs34753558	A	0.0544
rs3903765	C	-0.0294
rs79947265	T	0.0642
rs2567324	A	-0.084
rs7638504	C	0.0393
rs114704235	T	-0.1057
rs111748235	T	-0.1405
rs116083364	A	-0.0673
rs35694819	G	0.0372
rs55999829	A	-0.0393
rs13083450	T	0.0307
rs7645327	A	0.0506
rs1559977	A	-0.069
rs6772933	G	-0.0515
rs4321507	T	0.1231
rs148993502	T	0.106
rs13094783	A	-0.0284
rs79617360	A	0.122
rs28787005	T	0.0595

rs141435070	A	-0.1094
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rs983154	T	-0.0275
rs79698118	G	0.154
rs62256233	G	0.0427
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rs36064261	A	-0.092
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rs116890561	T	-0.1245
rs62280764	G	-0.1389
rs72986121	G	-0.1205
rs35487831	G	-0.0403
rs2568851	G	0.0282
rs4955279	G	0.0488
rs304230	G	-0.0298
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rs7640149	A	0.0359
rs114446141	T	0.1136
rs7433454	T	0.1797
rs4688483	T	-0.104
rs4955187	C	0.0631
rs79251239	T	-0.0359
rs12496459	T	-0.1438
rs139920519	A	-0.2003
rs139868003	C	-0.1362
rs35322917	G	0.0769
rs61072144	A	0.0429
rs113558962	G	-0.117
rs2304577	A	0.0373
rs115635577	C	0.1221
rs4955931	C	-0.0317
rs116623860	G	-0.1489
rs6781958	A	-0.0442
rs4685042	G	-0.0294
rs73037023	G	-0.1935
rs66752951	T	0.1001
rs7650157	A	0.1827
rs937406	A	-0.0358
rs74318378	T	0.1564
rs61791208	C	0.1289
rs55931430	C	-0.0393
rs76758413	A	0.1252
rs11709973	C	-0.03
rs114435865	A	-0.1241
rs6442487	G	-0.0305
rs35565301	A	0.0817
rs112218621	T	-0.1026

rs34107440	A	0.034
rs6788452	A	-0.145
rs9841975	G	-0.03
rs17012751	C	0.0421
rs6762507	T	0.0582
rs7623067	A	-0.0267
rs78010658	G	-0.1347
rs792128	C	0.0306
rs2325855	C	0.0357
rs79153799	A	0.1842
rs1455331	A	0.0337
rs141185577	A	0.1351
rs75035362	A	-0.1063
rs6442883	A	0.1513
rs9861238	A	-0.027
rs150236966	C	-0.1894
rs62252618	A	-0.0283
rs11707190	G	-0.1815
rs2611621	G	-0.0571
rs17733561	C	-0.1244
rs36112205	C	0.0511
rs116753784	T	-0.1171
rs9846383	G	0.0664
rs112074858	A	0.0433
rs112166883	A	0.0477
rs77014261	T	0.1517
rs56022756	A	0.1568
rs144483183	T	0.1029
rs262956	T	0.0275
rs78795981	C	-0.0436
rs74697015	T	0.1426
rs6769409	T	0.1212
rs74548059	A	0.1296
rs830653	T	0.046
rs73120663	A	-0.1887
rs72927806	T	0.2237
rs62232956	T	-0.0859
rs13086093	C	0.0325
rs4916589	C	0.0297
rs9844658	A	0.0679
rs74684476	C	-0.1494
rs17050174	C	-0.0958
rs1817442	C	0.0315
rs7626291	C	0.1431
rs12485491	T	0.0719
rs115397503	T	-0.1821
rs16850948	A	0.0626

rs6437408	C	0.0809
rs145510349	C	-0.055
rs116383062	G	0.1116
rs73172046	G	-0.0755
rs4434167	T	-0.11
rs112548942	T	-0.1521
rs3804898	C	-0.0297
rs116270586	G	-0.153
rs76549714	A	0.1163
rs57444720	C	-0.0292
rs72999843	T	0.1331
rs78622784	G	0.1098
rs9827536	C	0.0277
rs2692671	C	0.0341
rs146396508	A	-0.1495
rs17189202	A	-0.0535
rs73121931	A	0.161
rs114170924	A	0.0869
rs291958	A	0.0698
rs115835130	C	-0.1833
rs13081043	A	0.0311
rs11928306	T	0.0471
rs3863113	A	-0.0284
rs62288873	A	0.0776
rs138306480	T	-0.1432
rs6810204	T	-0.0471
rs78565082	A	0.065
rs11707430	C	0.0328
rs2293246	G	0.039
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rs11708355	A	-0.0854
rs1504057	C	0.0267
rs143262485	A	-0.0959
rs112478776	T	0.1841
rs17187699	A	-0.0359
rs12630740	A	0.0389
rs2619507	G	0.0358
rs34740816	A	0.0628
rs7621057	C	-0.0603
rs71304016	A	-0.1351
rs1910854	C	0.0372
rs9809313	T	-0.0427
rs73220435	C	-0.0451
rs16839221	C	-0.0538
rs79695092	A	0.0781
rs1687312	C	0.0964
rs2350276	G	0.0378

rs145501308	A	0.105
rs145587561	C	0.1285
rs2608071	G	-0.0305
rs75301623	A	0.101
rs11129846	T	0.041
rs116466454	C	-0.1871
rs34096808	T	-0.0902
rs62261828	C	0.0425
rs3912493	C	0.0278
rs7611631	G	0.0325
rs56310892	T	-0.0644
rs140781726	A	0.1581
rs142829516	A	0.1154
rs76584681	A	0.0797
rs115526223	T	0.1355
rs116565456	C	0.1429
rs74467414	A	0.115
rs111480446	T	0.1577
rs705026	A	-0.0404
rs62248553	A	-0.0515
rs144664826	G	0.0694
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rs62266362	A	0.1343
rs11128692	G	-0.0338
rs35057747	G	-0.147
rs113568512	T	0.2107
rs1902539	T	0.0297
rs6797159	A	0.0318
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rs4687662	C	-0.0316
rs2334911	A	0.0474
rs56131973	T	-0.0486
rs6805083	T	-0.0279
rs114967477	A	0.0915
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rs1405331	T	-0.0342
rs6786528	A	0.1349
rs115104551	C	-0.1889
rs807190	T	-0.0277
rs41540016	T	0.1589
rs11710433	C	-0.0304
rs112367068	A	-0.1248
rs115905567	A	0.1105
rs12631623	A	0.1421
rs78452672	C	-0.1364
rs138015906	T	-0.1866

rs2324617	A	0.0317
rs9878758	G	-0.026
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rs148051620	G	0.1796
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rs12491835	C	-0.0301
rs73159713	C	0.0353
rs113052901	G	-0.0609
rs7647537	C	0.0556
rs111245842	G	-0.0851
rs149002698	A	-0.1222
rs113784264	C	0.0523
rs62285718	C	0.0658
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rs9872869	G	0.0304
rs73105846	A	0.1022
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rs115021368	G	0.0812
rs7615495	G	0.0496
rs111432063	A	0.123
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rs9868589	G	-0.0312
rs3732785	C	-0.03
rs9880253	T	0.0397
rs111665976	T	-0.1089
rs9852371	T	-0.1565
rs113838079	T	0.1708
rs13070334	G	-0.0474
rs112105516	A	-0.1166
rs7653787	C	-0.0461
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rs1490075	T	0.0588
rs843521	C	0.0496
rs55942652	A	-0.0807
rs1901004	C	0.0267
rs113779571	A	0.1024
rs35723425	C	-0.0435
rs9828445	G	-0.1251
rs114439616	C	-0.1309
rs55965546	T	-0.0487
rs4686131	A	0.0413
rs12490643	G	-0.1018
rs790099	A	0.0523
rs1573818	C	-0.0524
rs931244	T	0.0379
rs112829528	C	0.3046

rs78561329	T	0.1176
rs114814824	T	-0.0601
rs4687517	A	0.0741
rs62271469	A	0.0704
rs6794531	T	-0.0345
rs115075431	G	-0.0548
rs115786637	C	0.1428
rs11919248	A	-0.0308
rs79534856	G	-0.1743
rs6804214	C	0.0288
rs112216455	A	0.0322
rs11925688	A	0.0313
rs12632959	G	0.044
rs75475270	T	0.1019
rs114664110	T	0.1171
rs60785803	T	-0.0341
rs55983424	T	0.0275
rs6785867	T	0.0369
rs143332413	G	-0.1993
rs7622290	C	0.1233
rs13083304	T	0.1103
rs77619232	C	0.096
rs1390244	C	-0.0388
rs6769055	C	-0.037
rs9820607	C	-0.0414
rs116730347	A	-0.1091
rs73046531	A	0.027
rs1544702	T	0.0426
rs6809161	A	0.0327
rs75466201	G	0.0988
rs11706849	G	-0.0267
rs4241384	C	0.141
rs11707391	A	0.0675
rs13322838	T	0.0378
rs10935496	A	-0.0493
rs9810816	G	-0.0383
rs12633154	G	0.0945
rs61739284	T	0.1148
rs60456906	T	-0.0459
rs55949665	C	0.0789
rs76617142	G	0.103
rs143591977	G	0.1336
rs6794250	A	-0.0686
rs76245616	C	0.1342
rs73181128	T	-0.1402
rs6806666	T	-0.0406
rs76707566	A	0.1845

rs73210512	C	0.1874
rs73169092	A	-0.0514
rs73076937	A	0.084
rs62272144	T	0.1477
rs114629195	C	0.1317
rs111700330	C	-0.1101
rs142937308	T	0.1335
rs147168913	C	-0.0955
rs77127496	T	0.0394
rs11717963	G	0.0275
rs1991745	A	0.039
rs35639049	C	-0.048
rs147836538	C	0.1272
rs9878787	A	-0.0437
rs28399383	A	0.0699
rs148134910	G	0.1715
rs10511030	G	0.1218
rs73154726	T	0.1407
rs149558717	G	0.09
rs35996183	G	0.1681
rs62292466	C	-0.114
rs78622065	A	0.1465
rs7620657	C	0.0284
rs6779865	A	-0.0283
rs138675605	G	0.1518
rs76824808	C	0.0914
rs16826288	A	0.0598
rs17758536	A	-0.1538
rs55812956	G	0.0295
rs62259144	A	0.0737
rs6802592	A	0.035
rs259547	G	-0.0377
rs115236778	A	-0.1195
rs73120853	G	0.0803
rs71325048	G	0.1475
rs9681643	C	-0.0367
rs16827323	T	0.0344
rs77253421	C	0.0717
rs6443571	G	-0.0271
rs77405610	T	0.1257
rs73211517	T	-0.2029
rs73166869	A	0.0524
rs73185468	A	-0.1403
rs1875306	C	0.1752
rs115836020	T	0.0929
rs61461660	G	-0.0928
rs114809722	T	-0.1559

rs116618625	C	-0.1199
rs2730311	T	0.0997
rs116024052	T	0.0658
rs12636891	G	-0.033
rs79911510	T	-0.0832
rs75326868	A	0.1348
rs112592445	T	0.0767
rs60537870	T	-0.0613
rs62255437	C	-0.0549
rs6446037	C	-0.0409
rs62274298	C	-0.0403
rs146007013	T	-0.1472
rs9854461	C	-0.0262
rs237837	G	0.0332
rs16838532	A	-0.0873
rs965035	C	-0.026
rs11719408	C	0.0277
rs1501605	G	0.036
rs115891268	A	-0.2055
rs73104261	T	0.0951
rs9859821	A	-0.1517
rs76072024	C	0.0857
rs28851811	T	-0.1638
rs360746	G	-0.0318
rs7632605	T	-0.0285
rs77537566	G	0.109
rs59729164	A	-0.0302
rs9829949	C	-0.0289
rs78501979	T	0.0897
rs11709305	C	-0.0396
rs149148964	T	0.2185
rs72877430	G	-0.0492
rs11712754	G	-0.0675
rs113124982	C	0.1332
rs55990224	C	-0.1614
rs151084931	C	0.0313
rs2372860	C	-0.099
rs340238	G	0.0258
rs9942039	T	-0.0841
rs17884458	G	-0.0397
rs73050391	C	0.1911
rs67634405	C	-0.0469
rs115134238	C	-0.1326
rs79401911	C	0.1029
rs6797423	G	-0.0327
rs7649327	A	-0.0561
rs113595520	G	0.0835

rs73001112	T	0.1922
rs9310931	C	-0.0943
rs11718532	C	0.0577
rs114256235	C	-0.1233
rs1356122	C	0.0355
rs77986608	G	-0.0449
rs13322140	A	0.0591
rs114613518	C	0.0508
rs115485876	A	-0.1532
rs113051270	G	-0.1082
rs77609197	C	0.0845
rs13084366	G	-0.0395
rs7623466	G	-0.0341
rs60804270	C	-0.0302
rs17669377	G	0.1496
rs1867427	C	-0.0282
rs71623015	G	-0.0885
rs73021900	C	0.0304
rs6442831	T	-0.0268
rs73109978	G	0.0514
rs6763785	G	-0.0661
rs11130504	G	0.0308
rs7645760	T	-0.0402
rs6789261	G	-0.0333
rs11720524	G	-0.0269
rs149584140	C	-0.1105
rs34332506	C	0.0298
rs74834758	G	0.2234
rs471342	G	0.0487
rs75316710	G	-0.1569
rs9850064	T	0.0547
rs13091101	G	0.0391
rs9850575	C	-0.0286
rs62244777	T	0.0524
rs936363	A	-0.1337
rs782441	T	-0.0382
rs7633912	A	0.0579
rs260568	A	0.0263
rs73020358	C	-0.0815
rs6792656	A	-0.0371
rs62290868	G	0.1047
rs73208232	T	0.0522
rs11925504	G	0.0257
rs34793819	A	-0.0339
rs56319538	A	-0.2038
rs35330701	T	0.0385
rs73193582	G	0.0507

rs116587173	A	-0.1498
rs7622230	G	-0.0278
rs7612862	C	0.0406
rs139835972	T	-0.1187
rs11711730	A	-0.0364
rs79449249	C	-0.0611
rs17804246	T	-0.0582
rs2280160	G	-0.0279
rs62263801	T	-0.1665
rs34457487	G	0.0281
rs79321595	T	-0.1557
rs76300032	G	0.05
rs79611955	G	0.0906
rs143922122	C	0.1269
rs13071945	T	-0.0337
rs6771695	C	-0.0362
rs13073335	A	0.0281
rs6800292	A	0.0263
rs1990676	A	0.0436
rs260575	C	0.0518
rs80047480	G	-0.0819
rs6775832	A	-0.0453
rs2174546	A	0.0263
rs73226932	G	0.1149
rs144288881	G	-0.1362
rs143216098	G	0.1691
rs116630764	A	-0.0716
rs75010589	T	0.0878
rs139718704	T	-0.0962
rs10934571	G	0.1263
rs3817076	A	-0.0373
rs6802341	A	-0.057
rs113853986	T	-0.1381
rs79832634	G	-0.2511
rs2686314	C	-0.0339
rs11705878	C	0.0433
rs78104326	T	-0.1663
rs10511330	C	0.0403
rs2867833	G	0.0296
rs79682267	C	-0.0904
rs76456047	A	0.1718
rs144345686	A	0.183
rs59295686	G	-0.0343
rs10934856	T	0.0401
rs9876658	G	0.0272
rs148833306	A	0.1484
rs114345531	C	0.1042

rs13076915	T	-0.0521
rs1499631	A	-0.1091
rs112558827	T	-0.1496
rs149757216	T	0.0778
rs13070936	T	0.0302
rs13324080	T	-0.114
rs6802151	T	0.0435
rs10049242	G	-0.0381
rs115853847	A	-0.0525
rs116515437	C	-0.1228
rs74533879	T	0.0912
rs880402	A	-0.0357
rs2120825	G	-0.0432
rs10510718	T	0.091
rs2856027	T	0.0265
rs12629628	T	-0.0658
rs78099229	T	0.1684
rs6776994	C	-0.0393
rs11711459	G	0.1084
rs2036584	T	0.0276
rs34660509	A	0.1476
rs4688127	T	-0.1278
rs73187869	A	-0.0426
rs7635116	G	-0.0993
rs77190659	G	0.1187
rs141352122	G	0.1269
rs114750576	A	-0.0987
rs149653338	A	-0.1485
rs115731893	C	-0.0941
rs6438069	C	0.0738
rs748072	A	-0.0419
rs79899358	T	-0.1081
rs115259947	G	0.1181
rs11927864	G	-0.0772
rs62254520	A	0.1425
rs142716799	T	-0.1406
rs6803009	A	-0.0275
rs56024570	C	0.0361
rs2319305	A	0.0295
rs77951253	G	0.117
rs138156880	A	0.1073
rs75680406	C	0.1055
rs141752824	C	0.1834
rs6785386	A	0.0882
rs116519284	A	-0.0882
rs613519	T	0.0573
rs2581623	C	0.0254

rs9881228	T	0.0331
rs6802386	G	-0.1031
rs6768226	C	0.0317
rs6777448	A	0.144
rs1872037	C	-0.0285
rs9822563	A	-0.0257
rs71323294	A	-0.1575
rs78140086	T	0.0439
rs10511352	C	-0.0543
rs150427873	T	0.2585
rs4682635	G	0.0579
rs4685405	T	0.0336
rs139668803	T	-0.1273
rs62242359	T	-0.0339
rs13096936	G	-0.033
rs150360848	C	-0.1848
rs2981514	G	0.0351
rs113235087	C	0.0697
rs4678492	C	0.0261
rs10510831	C	0.0267
rs73115475	C	-0.0741
rs141374423	T	-0.1522
rs6789854	G	0.0898
rs7640608	G	-0.0572
rs149932126	G	-0.2388
rs6793222	T	-0.0566
rs62240188	G	0.0806
rs78985966	T	0.0632
rs13099626	T	0.033
rs35025659	G	0.112
rs144233911	T	0.2083
rs149775904	G	0.1995
rs2972473	C	0.0541
rs11708053	C	0.0262
rs143916354	G	0.1452
rs7624426	T	0.0464
rs4635666	G	0.0358
rs72893671	A	-0.0495
rs147208391	G	-0.1007
rs6806906	T	-0.1093
rs9288811	A	0.0371
rs295495	T	-0.0787
rs73169134	G	0.0483
rs6805482	A	-0.0432
rs114648962	G	0.1721
rs13093533	G	-0.0266
rs144542030	A	-0.1422

rs4686530	T	0.0362
rs138148127	C	0.2162
rs2133420	C	-0.0342
rs7628938	G	0.0445
rs116354475	A	-0.2206
rs11923502	G	0.1205
rs12492383	A	-0.0297
rs4681044	G	-0.0264
rs6801131	G	0.1216
rs1534245	G	-0.029
rs73147624	C	0.0417
rs78821833	T	0.1781
rs7626890	T	0.0288
rs41265444	A	-0.1983
rs114171663	G	-0.2041
rs2371260	C	-0.031
rs2676875	A	-0.0638
rs6442773	G	-0.0252
rs114922885	A	0.0939
rs4685143	C	-0.1031
rs17054144	A	0.0999
rs141368780	G	0.1333
rs77437445	C	-0.0688
rs1147238	G	0.054
rs73046473	G	-0.1526
rs4016640	T	-0.0439
rs13074575	G	-0.0447
rs9865118	C	-0.0252
rs150296776	T	0.251
rs2659690	A	0.0264
rs12488048	T	0.0274
rs112354136	C	0.1506
rs9838069	C	0.1002
rs547596	A	-0.0294
rs76797881	T	-0.0605
rs13067167	T	0.0847
rs73107805	T	-0.1045
rs9873530	C	-0.0412
rs114558200	G	0.1129
rs73156841	C	-0.1197
rs11714981	G	-0.0308
rs73092217	G	0.0563
rs75406833	A	0.1058
rs146754175	T	0.139
rs71306595	G	-0.0935
rs61763242	A	-0.218
rs7643568	G	0.0828

rs4955919	A	0.0876
rs1962532	T	-0.0259
rs35832508	T	0.0369
rs61791025	A	0.026
rs9843163	G	0.074
rs11706161	C	-0.0413
rs9852134	G	0.0482
rs2029510	G	0.0302
rs145786974	T	0.1189
rs6778909	T	0.0396
rs34486185	G	-0.0651
rs360738	G	-0.0341
rs17288922	A	0.0346
rs73012624	A	-0.1431
rs137943402	G	-0.1213
rs144082753	T	-0.1335
rs10934255	T	0.0255
rs73155096	G	-0.0693
rs11921835	A	0.089
rs80271139	C	0.0533
rs6599154	G	0.0285
rs11708840	T	-0.03
rs2444226	A	-0.0253
rs116103337	C	-0.1554
rs116395186	G	0.0926
rs111406654	G	-0.119
rs76185987	T	0.0735
rs9819539	G	0.0486
rs7650307	C	-0.0795
rs41323844	C	0.1254
rs7630386	C	0.0561
rs146768141	T	0.1606
rs79380790	A	0.0694
rs61085539	A	-0.0628
rs9827275	G	-0.0844
rs79801362	C	-0.0699
rs143817518	A	0.2276
rs73102339	A	-0.1129
rs3967208	T	-0.036
rs3773905	G	-0.0453
rs115424747	A	0.1024
rs4894814	A	0.0811
rs150607244	A	-0.1804
rs13075326	A	0.1185
rs7645507	T	0.0543
rs78477723	C	-0.0549
rs77104037	A	-0.1355

rs4857898	A	0.0351
rs11706045	A	-0.0525
rs6439525	T	-0.116
rs115540915	C	-0.142
rs74937902	G	0.1394
rs144840322	A	0.0973
rs11920363	C	0.0504
rs61582035	A	-0.0896
rs6791787	T	0.1218
rs78952539	T	0.0756
rs7610310	G	0.1509
rs17293515	T	-0.0846
rs349175	C	-0.0348
rs62273478	A	-0.1759
rs2009626	A	-0.026
rs17040698	C	-0.0928
rs9877763	A	0.0324
rs1032398	G	-0.042
rs6440646	A	-0.0504
rs142344717	T	0.0983
rs2708308	G	-0.0476
rs62257493	A	0.0613
rs74446005	C	-0.1239
rs13076862	G	0.1415
rs865350	T	0.0325
rs71319075	G	-0.1079
rs6777248	G	0.0377
rs2240920	T	-0.0269
rs145765705	C	-0.1474
rs116424052	C	0.2127
rs78890112	T	-0.1403
rs145418910	C	0.0814
rs1568293	A	0.0257
rs62250553	G	0.1043
rs116363771	A	-0.0745
rs141183564	A	0.1085
rs115229193	A	-0.0794
rs147699059	C	-0.12
rs2724712	T	-0.0278
rs12629779	A	0.1298
rs76716779	C	0.1675
rs6766482	G	0.0343
rs150913009	G	-0.1557
rs79410750	A	-0.1668
rs4686468	G	0.0283
rs58954984	A	-0.1944
rs6780468	C	0.0346

rs145017422	T	0.2231
rs16854598	T	0.0955
rs142188220	T	0.0622
rs9862712	T	0.0297
rs147463219	A	0.189
rs35402322	A	0.0424
rs2118599	A	0.0708
rs62259529	A	0.1897
rs6766396	C	0.0268
rs16839633	T	0.0437
rs114905131	G	-0.1629
rs62282400	C	0.0369
rs73216899	C	0.1891
rs13325666	T	-0.0272
rs62263087	T	0.1015
rs10935911	C	-0.0258
rs6765571	G	0.0284
rs73101478	A	0.0407
rs4271916	C	0.1397
rs138719601	C	-0.2108
rs78806962	T	-0.1866
rs115595028	G	0.0898
rs116033073	G	-0.1037
rs12493003	A	0.0542
rs72930255	A	0.047
rs78501160	A	0.0701
rs115988557	T	-0.0973
rs9310865	C	-0.0327
rs73079014	T	0.047
rs138585571	T	-0.1124
rs1426030	T	-0.0282
rs79797284	T	0.0808
rs2648455	C	0.0405
rs34283957	T	-0.0267
rs9850930	G	-0.0371
rs833633	A	0.0541
rs62264594	G	0.0545
rs9819273	C	-0.0451
rs13082046	A	-0.0727
rs17679796	G	0.0571
rs12635014	A	0.1532
rs9861880	T	-0.0348
rs2305619	A	-0.0246
rs990397	C	-0.0285
rs13075121	C	-0.027
rs56656149	A	-0.0317
rs791445	C	-0.0309

rs75652790	G	0.1573
rs78617851	A	0.1313
rs149652134	T	-0.119
rs114160887	C	-0.1917
rs4677130	T	0.0278
rs116790940	C	0.1308
rs2867834	A	0.0784
rs116366069	C	-0.1496
rs137963507	G	-0.0383
rs1605435	C	-0.0282
rs114585605	T	0.1469
rs9832697	T	-0.0329
rs147892875	G	-0.2219
rs11546878	T	-0.0378
rs6773019	G	-0.0645
rs143127158	T	-0.1171
rs5014208	C	-0.0308
rs147512507	C	0.1019
rs350658	G	-0.0344
rs2630813	C	-0.0622
rs4955389	G	0.0449
rs41355450	G	0.0343
rs6767953	C	0.0295
rs16853703	C	-0.0383
rs74890363	T	-0.0281
rs2442815	C	-0.0967
rs77868922	C	-0.0608
rs6771147	G	0.0301
rs500429	A	-0.0258
rs150457619	T	-0.1351
rs116071103	A	-0.1508
rs113688735	A	0.1358
rs17507954	A	-0.0473
rs35740922	A	0.12
rs13088184	C	-0.03
rs12495030	C	-0.0852
rs80329442	C	-0.1326
rs114156968	A	0.0906
rs113976840	A	0.1631
rs12638156	G	0.0445
rs13059398	T	0.0875
rs62254562	T	-0.0294
rs2290954	G	0.0319
rs67659273	C	-0.0978
rs116644619	A	0.1881
rs76804915	T	-0.069
rs1453744	T	0.0387

rs1900645	A	-0.0261
rs111385829	G	0.1135
rs3774268	A	0.0369
rs2729140	A	-0.0269
rs73041495	T	0.0674
rs78721489	T	-0.1732
rs9864635	T	-0.1563
rs17043869	G	0.121
rs72873061	C	-0.1384
rs78692937	G	0.2231
rs1400014	A	-0.0366
rs583579	G	0.0702
rs3796330	C	0.0628
rs141479093	A	0.1051
rs3915039	C	0.035
rs7643131	G	0.083
rs402297	G	-0.048
rs35432477	A	-0.0346
rs143540231	T	-0.118
rs2317201	C	0.0251
rs6807433	A	0.0559
rs779693	C	0.0301
rs6784345	A	-0.0546
rs115085066	T	-0.079
rs12639500	G	-0.0283
rs115972643	A	-0.0783
rs6802900	A	-0.0252
rs75030118	T	-0.0804
rs75928987	C	-0.0505
rs147802990	G	-0.1863
rs7645844	A	0.0755
rs9867498	T	0.0359
rs145412470	A	0.0922
rs59904672	C	-0.1373
rs112697885	C	0.1769
rs78758478	T	0.1126
rs147164127	G	0.0916
rs58684021	A	-0.0459
rs452056	C	-0.082
rs74387111	T	-0.0559
rs114346519	A	0.2329
rs76291226	A	0.0568
rs73097523	G	-0.0369
rs66640216	A	0.0576
rs6799758	G	0.0664
rs56064643	A	-0.0543
rs66524059	G	-0.0402

rs6794702	T	-0.0407
rs11927079	A	0.033
rs55892323	C	-0.0536
rs12487535	T	-0.0436
rs55829878	T	-0.0775
rs73169369	T	-0.0576
rs10513705	C	-0.026
rs17038640	C	0.0286
rs2302815	G	-0.0418
rs355123	G	-0.0318
rs140286992	A	0.1404
rs7432690	T	-0.0269
rs12497153	G	0.0507
rs73154503	C	-0.0988
rs115929714	A	0.1105
rs1505293	T	0.1079
rs74653390	C	0.0592
rs58638041	T	-0.0613
rs56333453	T	-0.0392
rs62234217	A	0.0656
rs77124901	T	-0.1166
rs12630939	T	0.0409
rs73121892	A	-0.1274
rs17020617	A	0.0849
rs9878494	C	-0.0262
rs113303220	C	-0.0375
rs12185911	G	0.111
rs111811098	T	0.0829
rs149151315	C	-0.1523
rs9879338	A	-0.026
rs79432054	T	0.0748
rs76127545	A	0.0882
rs9866826	T	-0.042
rs6807028	C	-0.0265
rs704257	T	0.0306
rs140890510	T	0.1105
rs669376	T	0.03
rs266741	A	-0.0308
rs62228849	T	0.1658
rs75286353	A	-0.1475
rs138674384	C	-0.0991
rs111490052	G	0.0629
rs80048009	G	-0.1792
rs143929781	A	0.2154
rs16828316	A	0.0781
rs2212036	T	-0.1866
rs13080729	T	-0.0665

rs57048357	A	-0.1682
rs73882973	G	-0.0581
rs116470646	T	-0.1751
rs149584538	T	0.1962
rs147892962	G	-0.1154
rs62232959	T	-0.0554
rs12492265	G	-0.0802
rs139258714	C	0.1659
rs35173249	G	-0.0254
rs145162908	C	0.1186
rs13064845	A	0.0329
rs9842906	C	0.1506
rs116203688	T	-0.1742
rs78486673	A	-0.0547
rs11929530	G	0.0253
rs74335469	A	0.088
rs34366577	A	-0.0349
rs73013249	C	-0.0978
rs9832167	G	0.0501
rs6763386	G	0.0429
rs11705932	T	-0.0314
rs10937192	C	0.042
rs3860587	C	0.0271
rs10433528	T	0.1024
rs3765005	G	-0.0793
rs118088412	A	-0.1182
rs76893678	A	-0.0793
rs907336	A	0.0273
rs62267818	T	0.0573
rs3100149	T	0.0356
rs2729256	G	-0.0642
rs79357042	A	-0.0893
rs12635015	A	0.0378
rs3845944	G	0.0278
rs6766081	C	0.1818
rs9990006	A	0.0309
rs150357401	C	0.187
rs76937985	T	0.1148
rs1513325	A	0.0406
rs78544167	T	-0.1493
rs75352071	C	-0.1109
rs9872757	C	0.0347
rs114769195	A	0.1252
rs13065339	T	0.0301
rs1513253	T	-0.0545
rs9841109	A	-0.028
rs113371717	A	-0.0408

rs6801491	T	0.0706
rs76254034	T	-0.0845
rs2507948	A	-0.0249
rs34310576	T	0.0578
rs35573093	A	0.1086
rs149600284	T	-0.1014
rs2574713	G	0.0283
rs62242409	T	0.0295
rs73119116	T	-0.0839
rs35970	C	-0.0314
rs2634538	G	-0.0301
rs17204376	T	0.0488
rs7650724	T	0.027
rs73146107	A	-0.0634
rs73177772	A	-0.1051
rs12635775	A	-0.0529
rs139479451	T	-0.1729
rs73153376	T	-0.0353
rs79220247	C	0.1965
rs13073793	T	0.1228
rs112138222	A	0.101
rs13082801	T	-0.0568
rs4681929	A	-0.0329
rs231997	T	0.0407
rs73206330	G	-0.143
rs2670264	A	-0.0407
rs13075567	C	-0.0314
rs28434743	C	0.1123
rs73139563	G	-0.1066
rs78673564	C	0.129
rs147897715	A	-0.0908
rs11919151	T	0.0382
rs144554744	A	0.1054
rs2127012	C	-0.0281
rs147581581	G	-0.21
rs78672676	T	-0.0988
rs34759774	A	0.082
rs113891228	A	-0.1327
rs72967571	A	0.0557
rs9844829	T	0.0375
rs1400241	T	0.11
rs11714952	G	-0.0435
rs13081899	T	0.0256
rs9826149	T	0.0249
rs73871882	T	0.0545
rs11708473	T	0.0278
rs6799669	A	0.0346

rs17367084	C	0.028
rs9843798	A	0.0657
rs76686721	G	-0.0669
rs12374133	G	0.0406
rs1602321	G	0.0311
rs780935	A	-0.0391
rs113227379	C	0.1596
rs10936019	T	0.0295
rs73188915	C	0.0322
rs2724535	T	0.0362
rs139885889	A	0.0854
rs78950992	A	0.1032
rs3774028	T	0.0276
rs113019446	T	-0.1717
rs80164234	T	-0.2059
rs75626359	A	0.1188
rs6443022	G	-0.0272
rs10934486	A	0.0361
rs114569472	C	-0.1584
rs78524490	G	-0.0554
rs147648392	C	-0.0626
rs73835951	C	0.1651
rs6441715	G	0.0255
rs12494418	A	-0.0974
rs115728296	T	0.1509
rs9864478	G	0.097
rs138970809	G	-0.0949
rs7647391	T	0.0776
rs16845806	A	0.0341
rs9841125	G	0.04
rs116497297	A	-0.1687
rs139505918	T	0.1151
rs78021657	A	0.0775
rs2333034	T	0.0298
rs6789562	G	0.0629
rs4681885	T	0.0275
rs36129553	A	0.157
rs78703726	C	-0.0533
rs115891099	A	-0.1639
rs1707689	A	-0.0736
rs115182101	C	-0.0792
rs77662845	G	0.0832
rs115083322	C	0.0959
rs115089338	A	0.0933
rs112796097	A	-0.1208
rs74731230	T	0.0784
rs76828671	T	-0.1184

rs150592910	G	0.1784
rs116296734	T	0.1056
rs1445359	C	0.0495
rs75595927	A	-0.1284
rs2169305	C	-0.0262
rs75257046	A	0.075
rs55894800	A	0.033
rs3774160	G	0.026
rs4858017	G	0.0242
rs7640607	G	-0.1485
rs35855737	C	-0.0323
rs145887278	A	0.2141
rs142504439	G	0.1833
rs769616	C	-0.0348
rs556368	C	0.0274
rs62249089	C	-0.07
rs77311899	A	-0.0631
rs78078035	G	-0.0922
rs7652098	A	-0.041
rs2669996	T	0.0437
rs138256022	T	0.0931
rs55709557	C	-0.041
rs67360645	G	-0.045
rs9853225	A	0.0349
rs115958367	G	0.1081
rs11710365	C	-0.0599
rs77723733	A	-0.0579
rs76997656	T	-0.0851
rs13064530	A	-0.0289
rs74875182	A	0.0553
rs57685602	T	-0.0327
rs148077946	A	-0.1923
rs116400181	G	0.1606
rs2542387	A	0.1321
rs73193417	T	-0.0496
rs960516	G	-0.0779
rs9872196	A	-0.0662
rs13059257	T	0.1137
rs9847518	A	-0.0491
rs77821844	G	0.0501
rs13079989	G	0.0784
rs71326907	A	-0.1148
rs1837609	A	-0.0967
rs149361019	C	0.0907
rs2718789	A	-0.0285
rs55809361	C	0.0336
rs146748550	T	0.0998

rs78776087	G	0.1134
rs610909	G	-0.1789
rs113104147	G	-0.1138
rs9809760	C	-0.0254
rs9870268	A	0.1001
rs1122143	G	-0.0279
rs10433529	T	-0.0277
rs151070067	T	0.1426
rs1594320	G	-0.0289
rs400737	A	-0.0288
rs143768411	A	0.0876
rs809764	G	-0.0281
rs36043324	A	-0.0263
rs66498237	C	-0.0311
rs2699968	C	0.1025
rs73186171	G	0.0561
rs1479150	C	0.0307
rs17801085	A	0.0369
rs115661076	G	0.1656
rs62287203	C	-0.1265
rs79515753	G	-0.0453
rs4646766	A	0.025
rs3774104	T	-0.0395
rs13084153	T	0.0295
rs76542321	A	0.182
rs71323454	T	-0.0516
rs34152629	C	0.0528
rs75524356	C	0.1212
rs62269109	A	-0.0768
rs2084883	C	0.0938
rs11718811	A	0.0309
rs148730389	A	0.0939
rs4574309	C	-0.0249
rs35405199	A	0.1303
rs4858163	C	0.1133
rs60987254	T	-0.0548
rs13313998	G	-0.0393
rs148202903	T	0.1294
rs7632752	A	0.059
rs78318047	T	-0.0479
rs149738877	T	-0.1164
rs1443532	C	-0.0258
rs147453093	T	-0.1054
rs2712469	G	0.0281
rs116223864	C	-0.1111
rs62272809	C	0.0698
rs4688129	C	0.0356

rs79670797	T	0.0881
rs80104155	A	-0.0783
rs2738921	C	0.0249
rs73175029	T	0.0323
rs78225662	T	0.0524
rs77155007	A	-0.1165
rs114058810	T	-0.1304
rs9864196	G	0.0462
rs62261385	A	-0.0315
rs1529187	C	-0.0282
rs75179467	G	0.1993
rs73193531	G	0.0561
rs9823776	A	0.0298
rs9879522	C	-0.0786
rs6797410	T	0.0267
rs77860557	G	-0.0422
rs112035807	C	0.1381
rs34095724	T	-0.109
rs17012248	G	0.138
rs2470814	A	0.025
rs77278249	A	-0.1134
rs9310638	A	-0.0378
rs892414	T	0.0518
rs804412	T	-0.0623
rs9854816	G	0.0247
rs11927649	T	0.0348
rs9835351	C	-0.0366
rs2312318	G	0.0287
rs9870623	T	-0.0419
rs62282714	C	-0.0599
rs344944	G	-0.03
rs113667753	A	-0.0776
rs74685783	T	0.0617
rs34561146	A	0.0473
rs793299	A	-0.0456
rs72972551	A	0.1237
rs75130505	C	-0.0788
rs115638601	T	0.0831
rs112921263	A	-0.0905
rs9814925	T	-0.026
rs113471228	A	0.096
rs62248409	G	-0.0568
rs112426115	A	-0.1257
rs114377874	T	-0.1281
rs4927711	T	-0.0399
rs11924839	C	-0.0409
rs146580644	A	-0.0713

rs149560924	C	-0.1447
rs76971415	A	-0.1971
rs4858060	C	-0.026
rs17838729	A	-0.0997
rs12496184	G	0.025
rs1131598	C	0.0309
rs35342900	C	-0.0243
rs71314346	G	-0.0335
rs7639405	G	0.1141
rs4683596	C	-0.0462
rs116031788	C	-0.1094
rs6793219	T	-0.0276
rs114566691	C	0.0809
rs114833464	T	0.1294
rs113367140	A	0.0756
rs3792526	G	0.0317
rs144987121	T	0.1992
rs11712700	C	-0.1577
rs35182640	G	0.0261
rs62291478	C	0.1973
rs114440384	A	-0.1683
rs75573601	A	0.1422
rs6784494	T	0.0874
rs6764345	C	-0.0383
rs113615561	A	-0.1181
rs34427445	T	-0.1175
rs17651822	T	-0.0352
rs4678363	C	-0.0251
rs6785014	A	-0.0244
rs9873601	G	0.0528
rs79252206	G	0.1399
rs7433696	C	0.0632
rs75684805	G	-0.1239
rs12054311	G	0.0539
rs73169510	C	-0.0575
rs7635218	G	0.0306
rs11128636	T	0.0281
rs62257238	T	0.1169
rs73811969	C	0.0735
rs4681688	G	-0.0281
rs11921628	G	-0.0411
rs115074222	A	-0.1272
rs11714519	C	0.1902
rs13081035	T	0.0594
rs17047183	T	-0.041
rs114846683	T	0.0724
rs6803980	G	-0.0249

rs79499275	T	-0.1186
rs114578806	A	0.1002
rs148079681	G	-0.1753
rs57940787	G	-0.0381
rs17777883	A	-0.0471
rs75736693	T	-0.0603
rs12493340	T	-0.2038
rs1393752	T	0.0249
rs6778359	T	0.0244
rs1996809	C	-0.035
rs114367698	C	-0.0772
rs56152721	G	-0.0616
rs1965832	A	0.0264
rs147144398	T	0.0844
rs1875282	C	0.0444
rs13074712	T	0.1376
rs11718649	G	0.1504
rs9814774	G	-0.1264
rs78790183	C	0.0843
rs140770767	A	0.1794
rs76204361	C	-0.0938
rs12486791	C	-0.0249
rs9850499	C	-0.0257
rs115687142	C	0.0838
rs9827853	C	0.2096
rs9836710	G	0.046
rs4522762	C	0.0271
rs12496940	C	-0.1246
rs7618426	A	0.0256
rs2542384	A	0.0382
rs11915085	C	0.0468
rs71624937	A	0.0358
rs9878858	A	-0.0366
rs347965	T	-0.0308
rs112351419	C	0.1115
rs6775039	G	-0.0261
rs4839680	C	-0.0768
rs112440650	A	0.1587
rs17470330	T	-0.0823
rs201726	C	0.0592
rs76490431	A	-0.095
rs75605718	C	0.0878
rs75682621	G	-0.0375
rs115943255	T	-0.1682
rs13090918	C	0.0977
rs178982	G	-0.04
rs2007488	G	0.0304

rs13315406	T	-0.0881
rs7637116	T	-0.0703
rs56376585	T	0.0412
rs78920560	C	0.0542
rs62287308	C	-0.1762
rs823530	T	0.0415
rs115147679	A	-0.2319
rs72990191	A	-0.1478
rs143351118	T	0.1012
rs141918248	T	0.0872
rs75231008	A	0.0916
rs6797520	C	-0.0725
rs95867	C	0.0409
rs62240756	T	-0.1302
rs141943748	G	-0.1302
rs11714897	C	0.0261
rs140704003	C	-0.1468
rs4927947	C	-0.0908
rs13099619	C	0.0874
rs150573432	T	0.1782
rs115713929	T	-0.1248
rs62281790	A	-0.0528
rs115451822	G	0.0755
rs11716699	A	0.1176
rs77393157	G	0.1726
rs9863749	T	-0.0474
rs62243779	A	0.0407
rs17377811	A	-0.1012
rs116495988	T	0.1301
rs12107831	C	0.1987
rs13096859	A	0.1317
rs6788172	G	-0.0252
rs151139981	A	0.1615
rs114619640	C	-0.1145
rs3905754	T	0.0277
rs76446049	A	0.1301
rs115316619	A	0.1162
rs112567253	T	0.0511
rs171405	C	-0.0329
rs6803765	A	-0.0253
rs79050626	C	-0.0558
rs74617794	T	-0.0847
rs75389142	C	0.0869
rs17046486	G	0.1195
rs77217322	C	-0.0881
rs61231332	A	-0.039
rs75601904	C	-0.1079

rs616788	G	0.0319
rs4679748	T	-0.0706
rs114471916	T	-0.0829
rs112517560	G	0.1189
rs6446055	C	0.0348
rs7611878	C	-0.0309
rs13060966	T	-0.0841
rs4839641	T	0.0248
rs79879183	C	0.1262
rs36046822	G	0.0443
rs7624621	T	-0.0303
rs145124164	T	0.0664
rs16826996	C	0.1826
rs2577123	T	0.0286
rs6762842	A	0.0452
rs73220963	T	0.098
rs75622279	A	-0.072
rs7626720	A	0.0288
rs75459136	A	-0.102
rs34718456	T	0.1561
rs17016192	G	-0.0489
rs4688317	G	0.0312
rs62274099	T	-0.0256
rs75515534	A	0.0322
rs13091044	C	0.0993
rs2201910	T	0.0259
rs861303	C	-0.0275
rs150338565	C	-0.1805
rs398518	G	-0.0576
rs78447016	A	0.105
rs6795193	T	-0.0264
rs74944167	G	0.0918
rs11918204	G	-0.0647
rs55686393	C	0.0913
rs73182224	A	0.039
rs7640373	G	0.0525
rs7637880	C	0.0243
rs28537678	A	-0.1058
rs17808417	T	-0.0449
rs114413805	G	-0.1531
rs111605556	C	0.0375
rs2321536	T	0.0325
rs344411	A	-0.0296
rs79167837	A	0.0891
rs67286952	A	0.0622
rs2593419	G	0.0327
rs56102198	C	-0.0952

rs73143009	A	-0.2255
rs1473624	G	-0.0312
rs6788064	A	0.0243
rs140356962	G	0.115
rs11715246	T	0.063
rs10433641	A	-0.0391
rs111366190	A	0.1097
rs141432505	T	-0.1419
rs7636774	A	0.0511
rs142258889	A	-0.0917
rs116119310	A	0.1486
rs6445475	A	0.0283
rs114425897	T	0.134
rs114230130	T	-0.1104
rs9839254	T	-0.0329
rs7627111	T	-0.0331
rs62247474	A	-0.062
rs114576917	C	0.1159
rs6764070	C	0.0355
rs114460079	T	0.1141
rs9837318	A	0.0302
rs784287	T	0.1274
rs1403525	G	0.0308
rs7610394	A	-0.1288
rs34998132	A	-0.0272
rs9876977	A	0.1651
rs1847156	G	-0.0462
rs4859237	T	-0.0248
rs113703194	C	0.1371
rs62298868	T	-0.1049
rs7618049	C	-0.0272
rs13068104	A	0.1779
rs75019560	G	-0.127
rs148255536	C	0.0931
rs3772977	C	-0.1
rs2316967	T	-0.146
rs77225082	C	-0.0973
rs113974704	T	-0.1659
rs4413261	G	0.0385
rs77115046	G	0.0523
rs7622750	T	0.0332
rs111814399	A	-0.087
rs35894324	G	0.0349
rs62245242	A	0.0259
rs3732916	G	0.0373
rs62262434	A	0.1308
rs7645614	T	0.0348

rs237867	T	0.0895
rs145181907	T	-0.1613
rs13097833	G	0.0354
rs139661190	G	0.0993
rs143712471	C	0.1845
rs506791	T	-0.0252
rs138723162	T	-0.1043
rs9861858	T	-0.128
rs1545917	C	-0.0279
rs80099440	A	-0.1005
rs6800659	A	0.0247
rs12493243	G	0.0625
rs114926299	A	0.0715
rs149768230	G	-0.1804
rs9846066	G	-0.0257
rs146521768	T	-0.0994
rs9834342	C	0.025
rs582111	C	-0.0295
rs9861945	T	-0.026
rs2885851	C	0.1411
rs114663380	A	0.066
rs12633225	C	-0.0298
rs6773900	G	0.0248
rs55776085	T	0.0333
rs6442718	T	-0.0249
rs12714855	A	-0.0381
rs114878641	C	0.0864
rs4678116	C	0.0276
rs62288170	T	-0.1097
rs12495017	C	0.0428
rs76032986	A	0.0389
rs116163437	A	-0.1329
rs9857254	G	-0.0252
rs35934867	G	-0.0514
rs67111729	C	0.0333
rs112683471	C	-0.0599
rs143428599	A	0.1302
rs492028	C	0.0277
rs74513941	G	0.0881
rs1522936	C	0.0305
rs9861217	C	-0.0668
rs77943865	A	0.083
rs147855539	T	0.1869
rs17699268	C	-0.0701
rs61192976	G	-0.0245
rs9289557	T	0.0352
rs138518359	T	-0.1431

rs1158561	C	0.0454
rs9862119	G	-0.0276
rs280529	A	-0.0264
rs1318216	A	-0.0318
rs115741960	A	-0.135
rs142176219	G	-0.1036
rs6791817	T	-0.0289
rs6788268	G	0.0687
rs74669399	G	-0.0846
rs11916226	A	-0.0273
rs13060680	G	-0.0278
rs4525892	C	0.0646
rs56044505	A	0.1
rs4560283	G	-0.038
rs34017791	C	0.1079
rs62264810	T	-0.0402
rs1799852	T	-0.0373
rs75772119	C	-0.0803
rs75430462	A	0.0723
rs115821245	A	-0.1336
rs139921722	T	-0.1637
rs13065128	G	0.0699
rs9828566	T	-0.029
rs2624847	G	0.0289
rs7624695	G	-0.107
rs115593711	T	0.0722
rs143437510	C	0.1805
rs9834622	G	0.0238
rs62246612	G	0.0273
rs2888127	T	0.067
rs4680735	G	0.0338
rs116487659	T	-0.0552
rs896904	T	0.0271
rs9817493	G	0.025
rs4063468	C	0.0287
rs73056058	A	0.1798
rs113230472	G	0.0663
rs720320	G	0.0902
rs71310858	G	-0.137
rs3843386	A	0.025
rs6440671	G	0.0273
rs4855082	G	-0.0325
rs62259853	G	0.0812
rs35789999	G	-0.1583
rs139120873	A	-0.1054
rs7614929	T	-0.0388
rs6778810	A	-0.0247

rs56366604	T	0.0484
rs79513139	C	0.1186
rs4470565	C	-0.0882
rs149877638	C	-0.0925
rs113360963	T	-0.0812
rs11128542	G	-0.0328
rs10470322	C	0.029
rs34792178	A	0.0306
rs62245802	T	0.0471
rs138315672	T	0.2988
rs301924	G	-0.0272
rs820360	G	0.0248
rs2140301	A	-0.0236
rs78230667	T	0.0707
rs77215642	A	0.0606
rs13084889	A	0.0317
rs72856606	T	0.1081
rs76992221	A	-0.1058
rs79169774	A	-0.1683
rs9816734	T	-0.0443
rs115206686	T	0.1619
rs360752	A	-0.0413
rs56350826	G	0.0736
rs4511910	C	-0.0249
rs1520216	C	-0.0583
rs7637467	C	0.0241
rs56162907	G	-0.1177
rs75521577	A	0.1124
rs62291286	G	-0.0445
rs17621108	C	-0.0968
rs17235445	C	0.1044
rs4589927	A	0.0324
rs9883249	C	0.0247
rs75022642	C	-0.1454
rs73110651	G	-0.1262
rs13070465	A	-0.0247
rs371046	T	-0.0305
rs9846163	C	0.1052
rs34834971	C	0.0792
rs9288968	C	-0.0258
rs115952616	A	0.1263
rs114250366	C	0.1635
rs13090563	T	-0.0438
rs12632856	G	-0.0308
rs1875110	C	0.0567
rs144639902	A	-0.126
rs114428834	G	-0.0968

rs12633522	T	0.0312
rs6799028	T	0.0412
rs585021	T	-0.0485
rs76577457	C	-0.1221
rs6790264	G	-0.0238
rs114423995	T	-0.0817
rs73093317	C	0.0775
rs73140501	C	0.0451
rs7623203	A	0.0348
rs1018109	A	0.0243
rs73050248	C	0.033
rs2251878	T	0.0555
rs77203258	C	0.0757
rs113100219	T	0.0591
rs13083449	T	-0.0521
rs142523790	T	0.1456
rs13080042	A	-0.0424
rs57588952	C	0.0329
rs149517005	A	0.1315
rs16851872	A	0.1049
rs16863078	G	-0.0401
rs79030193	T	-0.1222
rs2728060	G	0.0805
rs62271124	A	0.0816
rs6807284	C	-0.0311
rs73044355	C	0.083
rs116081721	C	0.0789
rs2116706	T	-0.0315
rs73073755	T	-0.0731
rs80297923	C	-0.03
rs74956157	G	-0.054
rs1543208	G	-0.0303
rs7629632	G	0.0251
rs74423505	A	0.0753
rs73013199	A	-0.0527
rs17787898	G	-0.0307
rs74900716	T	-0.0607
rs74441671	A	0.1042
rs148147814	T	0.1411
rs407484	A	-0.0546
rs9817573	T	-0.0244
rs115473330	C	0.0809
rs2169580	G	-0.0414
rs62267968	T	0.0845
rs9862821	G	0.0327
rs968345	A	0.0302
rs7643747	G	-0.0435

rs430312	G	-0.0409
rs16845358	A	-0.1204
rs114774257	C	0.1399
rs149237622	T	0.1446
rs56811148	A	0.0468
rs80223421	T	-0.161
rs62295684	C	-0.0927
rs73012446	T	0.0598
rs115176719	A	0.0983
rs6788848	C	0.0309
rs114590561	A	0.177
rs149720422	G	0.1783
rs35397574	G	-0.0307
rs1531641	C	-0.0291
rs7634540	A	-0.0852
rs117218172	A	0.1122
rs79868347	T	-0.1076
rs7636509	T	-0.0283
rs13076592	T	-0.0288
rs11714895	C	0.0707
rs7635970	C	-0.0469
rs10510429	A	0.0394
rs7428183	G	0.0971
rs17047832	C	-0.1304
rs7645739	T	0.1053
rs71310398	C	-0.0652
rs12330425	A	0.123
rs17022891	T	0.036
rs6807519	G	0.025
rs17057321	C	-0.0438
rs79055056	G	-0.0577
rs1857290	A	-0.0247
rs12490932	G	0.0449
rs2173795	T	0.0957
rs62242513	A	-0.0327
rs77781936	T	0.0701
rs13074694	G	-0.0281
rs111818828	T	0.1533
rs140176242	A	-0.119
rs61571840	G	0.0413
rs2597516	G	-0.0267
rs114234361	C	-0.1037
rs150589870	G	0.0406
rs114598766	G	-0.1477
rs62237780	G	0.0533
rs7616274	A	0.0297
rs17193638	T	-0.0513

rs12496702	C	-0.0242
rs11917241	C	-0.0409
rs6441188	C	0.0234
rs17032984	T	-0.042
rs2002218	T	0.0808
rs1382413	C	-0.0409
rs13077577	A	-0.0511
rs17237090	G	-0.029
rs149583842	A	0.0838
rs12633440	T	0.0259
rs9289071	C	0.0242
rs141971737	A	0.1781
rs73232724	T	0.0735
rs151183556	C	0.1437
rs163566	T	-0.0242
rs1991419	C	-0.0398
rs79434039	C	-0.0781
rs9812699	A	-0.0246
rs9863476	A	0.0646
rs141429701	T	-0.122
rs77288692	C	0.1745
rs62279446	T	0.0894
rs997334	G	0.027
rs147033376	A	0.1653
rs6445118	G	0.0672
rs2344719	T	-0.0373
rs58227348	T	0.1409
rs4683085	G	0.0493
rs9859911	A	-0.04
rs9856616	A	0.0258
rs149267702	C	0.08
rs12496220	G	-0.0886
rs116589706	T	-0.0833
rs148614065	T	-0.1233
rs114155637	A	-0.0963
rs9848511	T	-0.0306
rs75879003	G	0.1253
rs115378114	G	-0.1648
rs6443863	A	-0.0294
rs138961357	A	0.1812
rs115435548	T	0.1176
rs114640099	G	0.0845
rs79934416	G	0.1575
rs147984619	A	-0.1637
rs62285698	C	0.0486
rs11916843	G	-0.0345
rs61123573	C	-0.0759

rs3856785	G	-0.0262
rs142472641	A	-0.1829
rs79318544	G	0.0938
rs9880736	C	-0.0231
rs4682066	A	0.0234
rs80037747	T	-0.0609
rs62255924	A	-0.0776
rs115512544	C	-0.1323
rs76847464	G	-0.1805
rs13322126	G	-0.0523
rs3805026	C	-0.0299
rs75053345	C	-0.0708
rs2885139	C	0.0241
rs28749208	G	0.1581
rs114622070	T	0.2028
rs114716394	A	0.1016
rs819085	G	0.0505
rs142131106	T	-0.1031
rs9838720	A	0.0387
rs4974402	A	-0.0326
rs13100965	A	0.0273
rs13080388	A	-0.0268
rs79009804	T	0.0476
rs72625844	C	0.167
rs34202344	T	0.0289
rs77502241	T	-0.1756
rs115672334	A	0.2038
rs161924	A	0.0248
rs785163	C	0.0821
rs1585859	T	-0.1056
rs62281635	A	0.0963
rs9830406	A	-0.0349
rs552413	G	-0.0275
rs76388971	T	-0.0309
rs294790	G	-0.0236
rs62274619	C	0.0366
rs73183233	C	0.0566
rs2091599	G	0.0406
rs4637234	T	0.0479
rs2280030	G	0.0235
rs144819517	G	0.0851
rs78401766	G	0.1243
rs115131752	A	-0.0867
rs9814590	C	-0.0397
rs143492879	A	0.0688
rs6808421	T	0.1154
rs13082282	A	-0.0926

rs9822701	G	-0.0579
rs2342881	C	0.0372
rs73043633	G	-0.0924
rs114600526	A	-0.1115
rs17195435	G	0.0671
rs141273453	G	0.2084
rs59876383	C	0.0888
rs1566365	T	0.0253
rs114147721	A	0.0452
rs2570008	T	-0.0246
rs629967	A	0.0523
rs138412414	T	-0.0944
rs138633763	G	-0.0641
rs115665381	C	-0.2451
rs2028088	T	-0.0397
rs78746084	A	0.133
rs114302444	G	0.1231
rs9853221	T	0.0322
rs114436995	C	-0.0573
rs137974684	A	-0.2131
rs141706751	T	-0.1698
rs1392230	T	-0.0314
rs115788331	A	0.09
rs139675005	T	0.1287
rs66562666	C	0.0304
rs3773019	G	-0.0242
rs73102415	A	0.1008
rs141228953	G	-0.0887
rs234055	G	-0.0266
rs58501137	G	0.1104
rs10511318	G	0.028
rs673514	G	0.0792
rs6799129	A	-0.0368
rs17826464	G	-0.033
rs960001	A	-0.0232
rs1435652	A	0.0885
rs9882339	G	-0.1101
rs74910419	C	-0.0823
rs111473988	A	0.1839
rs9814256	T	0.0274
rs74376515	A	0.0694
rs146098337	C	0.0774
rs78378377	G	0.0923
rs75512404	A	-0.0684
rs115713729	G	0.0895
rs7623495	T	0.0505
rs79959140	T	0.0907

rs77870582	C	-0.1635
rs925566	C	-0.0247
rs112724944	A	-0.1575
rs17066699	A	0.0551
rs1525868	T	-0.0559
rs56052505	C	-0.0455
rs6784395	C	-0.0276
rs6763970	G	-0.0247
rs114750214	C	0.1147
rs17034952	C	-0.025
rs34977800	A	0.0313
rs11720057	T	0.0821
rs62243394	A	0.0406
rs73109024	C	0.0432
rs4856554	A	-0.0237
rs658132	G	0.0275
rs5030062	C	-0.0238
rs9861864	A	0.0325
rs113373124	A	-0.1593
rs13434030	A	0.0713
rs6805004	T	-0.0248
rs4683742	T	0.0257
rs73149849	A	-0.1267
rs149315186	G	0.0902
rs11707306	T	0.0333
rs28513296	A	-0.0823
rs74847791	G	-0.1172
rs6785497	G	0.1008
rs17023766	A	-0.0388
rs35955626	G	0.0242
rs11131167	A	0.0821
rs79371617	G	-0.1183
rs264078	A	0.0333
rs111885060	C	0.074
rs76322799	A	-0.0723
rs9827823	C	0.032
rs114919333	C	-0.138
rs73227391	C	-0.0486
rs12485473	T	-0.025
rs139046348	T	-0.1124
rs75572438	A	-0.0833
rs76274510	A	-0.06
rs908608	T	-0.0252
rs1695563	T	-0.0263
rs11917590	A	-0.1121
rs78365122	T	0.1413
rs116829293	A	-0.0858

rs11129505	T	-0.0449
rs140466003	C	0.1676
rs13085101	A	0.187
rs78788842	C	0.0637
rs17184316	C	0.1191
rs9857946	A	0.0452
rs4912540	A	0.045
rs73018761	T	-0.0531
rs3774255	C	-0.0263
rs2168155	T	0.0285
rs75898076	A	0.0724
rs10446288	G	-0.0644
rs56868633	G	-0.1137
rs72954800	T	-0.0419
rs342911	A	-0.0297
rs9877450	A	0.0938
rs34173268	T	-0.04
rs838694	C	0.032
rs7624166	T	0.0539
rs1515464	A	-0.025
rs4568134	G	0.0244
rs76378251	A	0.0944
rs115182278	C	-0.1025
rs73217276	G	0.08
rs55685195	C	0.127
rs7637137	A	0.0272
rs77317022	C	0.0972
rs78987399	T	-0.091
rs11715184	T	0.0324
rs73853005	T	0.0325
rs12494689	A	-0.124
rs811198	C	-0.0349
rs76709916	A	-0.098
rs16832560	C	-0.0391
rs76368894	T	-0.1204
rs5030102	G	-0.041
rs79186472	G	0.0804
rs137920921	C	-0.1065
rs1816960	C	-0.0249
rs143383796	T	-0.1288
rs141570183	T	0.0905
rs78904050	C	0.1567
rs75885951	C	-0.0558
rs73190763	C	-0.048
rs111834631	T	0.0641
rs77966806	C	0.1298
rs66463451	A	0.1015

rs34569540	C	0.0285
rs13078149	T	0.0278
rs56353352	T	0.0453
rs115803446	G	-0.0648
rs16864109	A	0.056
rs34918261	C	0.0983
rs6771083	C	-0.0943
rs73139449	T	0.1249
rs12023	T	0.0267
rs114102083	T	-0.0438
rs9865634	T	0.0428
rs35746395	A	-0.0545
rs6795999	A	0.0726
rs17037891	G	0.0594
rs45458298	C	0.0993
rs150916351	T	0.0884
rs73016643	A	-0.0419
rs9878478	G	0.0246
rs144988207	G	-0.0854
rs55968350	T	0.1219
rs77894277	G	0.0372
rs13076178	A	-0.0311
rs137935834	G	0.1106
rs77255589	T	-0.0636
rs142411579	C	0.1496
rs73157378	A	0.0579
rs10937177	G	0.0404
rs9882964	T	-0.0294
rs1449993	G	-0.0243
rs9310219	A	0.0322
rs9883384	C	0.1072
rs4541356	G	0.0332
rs2856017	T	0.045
rs7625990	A	0.0432
rs2061336	G	0.0471
rs73181145	G	0.0313
rs884309	T	-0.0438
rs62275870	C	0.1213
rs75833696	T	-0.1318
rs138265519	C	0.1559
rs156495	G	0.0261
rs56720497	C	-0.1399
rs9813353	T	0.0287
rs80098348	T	-0.1222
rs35241008	A	0.1203
rs78692994	A	0.0798
rs112874144	G	-0.065

rs78346104	A	0.1147
rs13084878	T	-0.0787
rs9821964	T	0.0433
rs2688672	G	0.0299
rs7624490	A	0.0427
rs2713682	G	0.0797
rs6780224	T	-0.0259
rs112373118	G	-0.11
rs1355767	A	0.0254
rs9862402	A	0.0649
rs3863065	G	-0.0461
rs872014	A	-0.0353
rs13060320	T	-0.0552
rs77287780	T	0.2059
rs2700405	T	0.0289
rs78634212	A	0.1032
rs13088870	C	0.0522
rs73000233	G	0.0977
rs79280497	C	-0.2223
rs116253347	A	0.1666
rs62290342	G	0.0781
rs9814889	C	0.0365
rs62246622	T	-0.1397
rs61753287	T	-0.1766
rs77061181	C	0.2046
rs138739763	T	-0.0859
rs17037117	T	0.0346
rs349557	A	0.0435
rs76932985	T	0.1157
rs61352267	C	-0.1811
rs6768189	A	0.0275
rs560831	T	-0.0335
rs113311507	C	0.1172
rs79928518	A	-0.1275
rs12486608	T	-0.0727
rs9811354	C	-0.0314
rs13072719	C	0.042
rs6549885	T	0.0442
rs6442112	A	0.0274
rs150143368	C	-0.1216
rs114651321	T	0.1454
rs74534463	T	0.0576
rs78895054	T	0.1237
rs79770675	A	0.0799
rs62244901	A	-0.1219
rs1375717	T	-0.026
rs11714098	A	-0.0921

rs9843696	A	0.0548
rs73018002	C	0.1026
rs78176890	T	0.0563
rs11928869	G	-0.0302
rs9837819	C	0.0301
rs36109479	A	-0.1506
rs144923269	T	0.1075
rs115710751	T	0.1153
rs75087456	A	0.0341
rs7625711	C	-0.0314
rs78841401	A	-0.0539
rs4678222	A	-0.0236
rs59707234	G	0.0266
rs4955291	T	0.0545
rs115881833	T	-0.0766
rs79735841	G	0.0458
rs10936921	G	-0.0643
rs6804331	G	0.0239
rs1869149	A	0.0243
rs73171592	C	-0.0478
rs34723067	T	0.0983
rs1992352	A	-0.0328
rs62281165	A	-0.0383
rs76349067	C	0.0516
rs2042689	G	0.06
rs147717221	A	0.103
rs17317624	T	-0.078
rs9311836	C	-0.0263
rs1533269	A	0.0255
rs112914618	A	-0.1517
rs55687235	G	-0.0585
rs2083266	C	0.0361
rs13317681	G	0.1351
rs62239680	T	-0.0419
rs17033650	C	0.1357
rs111609798	G	-0.0761
rs141130934	A	0.0894
rs9841073	A	-0.0357
rs116117628	T	0.067
rs79402659	T	-0.0552
rs9878632	A	0.0814
rs7646819	G	-0.034
rs7635739	T	-0.0312
rs10510682	G	0.048
rs73825422	C	0.1221
rs79187869	A	-0.0968
rs73205063	C	0.123

rs71304667	A	-0.0951
rs6769454	A	0.0759
rs424044	T	-0.0454
rs9868330	T	-0.0923
rs78336224	T	-0.165
rs9833930	G	0.0239
rs59992807	T	0.0407
rs149962864	A	0.0771
rs73203281	T	-0.1206
rs145305944	T	0.058
rs73174803	T	0.0314
rs2410890	T	0.0693
rs114865499	T	-0.1004
rs55686146	A	-0.0372
rs2038670	T	0.0346
rs9835398	A	0.0281
rs113426664	A	-0.0734
rs1522383	T	0.0248
rs114296683	T	0.102
rs77791546	A	0.1265
rs112271984	C	-0.043
rs6796629	C	-0.1447
rs34880143	T	0.0477
rs4857632	T	0.0351
rs61741899	A	-0.084
rs116491613	T	-0.1297
rs35063381	G	-0.0233
rs77886985	A	0.0643
rs1515443	A	0.0283
rs6806448	A	0.1203
rs73161829	C	0.1234
rs116461478	G	-0.1139
rs148335373	T	-0.1009
rs9837945	C	-0.0474
rs9290367	T	-0.0377
rs111877123	G	0.1551
rs139809549	T	0.1891
rs13324570	A	0.0323
rs12152349	T	-0.0273
rs78337313	G	0.0681
rs61587801	A	-0.0436
rs4687458	G	0.0234
rs465692	G	-0.0299
rs832198	G	-0.029
rs76998438	T	0.1544
rs28465321	C	-0.0254
rs73141158	C	-0.0388

rs116099245	T	-0.0912
rs13070843	C	-0.0295
rs73182532	C	-0.0782
rs150114864	G	0.083
rs57163864	T	-0.024
rs13087705	A	0.0575
rs113944329	A	0.0813
rs12635957	A	0.0245
rs541653	T	0.0237
rs62273278	A	0.0779
rs112755476	T	-0.1283
rs358002	T	-0.0262
rs11130919	A	-0.0291
rs115955461	T	0.0897
rs76329892	A	0.1412
rs62286313	C	-0.0463
rs11720237	G	-0.0316
rs116093729	T	-0.0886
rs56107907	A	0.0986
rs116587920	A	0.1071
rs2421774	A	-0.0464
rs710533	G	0.0343
rs17032728	G	-0.0897
rs113935914	C	0.226
rs13071891	A	-0.0972
rs11916000	C	0.0456
rs1558991	G	0.0319
rs79364534	C	0.0528
rs34094694	T	0.0761
rs13323410	T	0.0301
rs4535168	A	0.0324
rs76081980	T	-0.0807
rs16845879	C	0.0809
rs73064426	C	0.0697
rs2651311	A	0.023
rs77130522	G	0.072
rs116506657	A	0.121
rs503616	T	-0.0364
rs139465968	C	0.1175
rs141267872	T	0.1072
rs143954523	C	-0.1638
rs78360844	A	-0.0681
rs74329169	C	-0.0787
rs145123386	A	0.122
rs73118763	T	-0.0449
rs4894970	C	-0.0288
rs115267208	A	-0.1903

rs6787362	G	-0.039
rs9860731	C	0.0266
rs140932041	A	0.1434
rs4679493	T	0.0275
rs17062350	T	0.0261
rs16861582	G	-0.0262
rs1435643	T	0.0235
rs9812739	A	-0.0358
rs10222530	T	0.0672
rs2162261	T	-0.025
rs145963304	T	0.1213
rs1972455	G	0.0397
rs75035704	T	0.0884
rs11131047	A	0.046
rs62230270	A	-0.0512
rs4688173	T	-0.0274
rs4688557	T	-0.0644
rs16846545	A	0.048
rs72619600	C	0.0367
rs74596715	C	-0.0828
rs8177257	T	0.0683
rs115031090	T	0.1048
rs73041764	T	0.0315
rs12494280	T	0.0339
rs72626922	C	-0.0455
rs62266220	G	0.0937
rs11712878	C	0.1287
rs74346049	T	-0.0592
rs7637788	T	-0.0445
rs6437651	A	0.0856
rs146535407	T	0.1187
rs6444180	G	0.0655
rs62234246	T	0.0393
rs6798664	G	0.025
rs62242092	G	0.0643
rs577763	A	0.0277
rs6764623	C	-0.0283
rs73016163	A	-0.0688
rs62252607	C	-0.0375
rs141842868	C	0.0877
rs10511049	C	0.0509
rs11715757	A	0.127
rs2641725	A	-0.0617
rs7647134	A	-0.0267
rs116259259	C	-0.1469
rs34947017	A	-0.0712
rs115093658	C	-0.1566

rs62259041	A	-0.0468
rs73168972	G	-0.0577
rs139893232	A	0.088
rs111852894	A	0.0859
rs4688284	G	-0.0338
rs114549216	T	-0.18
rs147686427	T	0.1193
rs79244773	A	-0.0966
rs17307972	T	0.1159
rs116686527	A	0.1436
rs1877267	T	-0.0232
rs4583633	G	0.0227
rs6772692	G	-0.0605
rs114405951	A	-0.0585
rs146352352	A	0.0507
rs34118601	G	0.0465
rs79273964	A	0.0901
rs59500180	T	0.0369
rs11928162	T	-0.024
rs11720370	C	0.0255
rs1230286	G	0.0286
rs17530219	C	0.037
rs13064821	A	0.0306
rs2925859	T	0.0662
rs7644745	C	0.0238
rs11712248	T	0.0293
rs9811004	G	0.0783
rs73196871	A	0.0682
rs4686251	T	-0.0446
rs3843985	G	0.029
rs62254486	C	-0.0452
rs73099340	C	0.0831
rs67087807	T	0.0409
rs17340282	A	0.0316
rs4530563	G	0.0235
rs4467426	A	0.0233
rs6801278	C	-0.031
rs12492564	A	-0.0287
rs114910887	A	0.0898
rs6767457	A	0.0284
rs492878	T	-0.0275
rs6785414	G	0.1438
rs140359403	C	-0.0993
rs75502682	G	-0.0817
rs141767265	A	-0.145
rs142944390	T	-0.1088
rs74784867	A	0.0633

rs114990779	G	0.1548
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rs145410386	C	-0.1696
rs6807897	A	0.0383
rs9654034	T	0.0293
rs9819381	A	0.0299
rs6809852	A	-0.0833
rs114518666	T	0.0601
rs114362684	T	0.0792
rs6783575	C	-0.0242
rs73197812	T	0.0308
rs146720468	A	-0.0541
rs7641785	T	-0.0233
rs2320474	C	-0.0276
rs3772601	C	-0.0528
rs73878467	T	0.1111
rs6442493	A	0.0483
rs1495189	C	-0.0265
rs6788721	A	0.0398
rs6444136	T	-0.0254
rs4839608	C	0.0277
rs17236480	A	-0.1614
rs147154500	A	0.1158
rs79048842	T	-0.1596
rs56247516	G	0.0835
rs115557325	A	-0.0534
rs116139504	A	0.0534
rs140879182	T	-0.137
rs76081380	A	0.155
rs115532219	T	-0.1239
rs76451569	C	-0.0658
rs116212920	T	0.1558
rs7609843	G	0.1579
rs9820844	C	0.0278
rs12491324	T	0.1074
rs12495576	A	-0.1233
rs114181817	G	0.1112
rs111743848	A	-0.0365
rs113234727	T	-0.1444
rs73097837	T	0.0748
rs74919225	G	-0.082
rs145721069	A	0.1322
rs4855068	C	0.0293
rs115310313	A	-0.2385
rs115111854	T	-0.112
rs149305791	A	0.0507
rs114051704	C	0.0989

rs2268533	C	-0.0246
rs11715813	G	-0.033
rs9882217	A	-0.032
rs78994284	G	0.0828
rs73085865	T	-0.108
rs58485349	T	-0.0244
rs9849624	G	0.0286
rs13077495	C	0.0449
rs79820484	C	0.0723
rs1163747	A	-0.0414
rs76992138	A	-0.0822
rs9883470	G	0.0287
rs301567	G	-0.0272
rs2196427	G	-0.0253
rs1389155	G	0.0262
rs4679530	A	0.0608
rs13072319	A	0.0277
rs9867980	T	0.0286
rs155528	C	0.0329
rs77443164	T	0.1478
rs77998028	T	-0.0882
rs79919760	T	0.0797
rs9830928	G	0.0826
rs9874252	G	-0.0429
rs35976104	A	-0.034
rs1420476	T	0.0567
rs115421854	C	0.1019
rs55807227	C	0.0302
rs62293556	A	0.096
rs62234768	T	-0.1017
rs144983377	T	-0.1348
rs141046933	A	0.1131
rs2216368	G	-0.0269
rs13322091	C	0.0529
rs9824089	G	0.0326
rs2728057	A	0.0238
rs74901955	T	0.0305
rs79120070	A	-0.0567
rs12695349	T	-0.0288
rs9821532	G	-0.0234
rs17612927	C	-0.0418
rs73048232	A	-0.1267
rs12638206	T	-0.0625
rs111665055	C	0.0309
rs9968134	G	-0.026
rs6789584	T	0.0237
rs35832957	T	-0.0647

rs6792568	G	-0.0393
rs149607448	C	0.1753
rs62239894	A	0.0494
rs62252991	T	-0.0392
rs34726474	T	-0.0349
rs993071	C	-0.0226
rs12488961	A	0.0504
rs77649978	G	-0.177
rs967846	C	-0.0323
rs35714628	G	0.0563
rs1274167	G	-0.0645
rs114518300	T	-0.095
rs71314333	A	-0.1358
rs59104996	G	0.049
rs79071687	G	-0.0901
rs74592091	A	0.0823
rs12494765	G	-0.0324
rs1163748	G	-0.0228
rs275364	C	-0.0274
rs116028368	A	0.106
rs7428988	A	0.0348
rs112440881	C	0.1232
rs79669574	A	-0.034
rs142779502	A	-0.06
rs55685201	T	-0.1238
rs58896668	G	-0.0236
rs74886831	A	0.087
rs79247896	T	0.0756
rs113769727	A	-0.0483
rs55695623	G	0.0329
rs9839165	A	-0.0327
rs4034944	A	-0.0238
rs55973834	T	0.131
rs7632890	G	0.0789
rs10881569	A	-0.0314
rs115270391	T	0.1553
rs358007	C	0.025
rs2886670	T	-0.0929
rs6809736	G	0.0408
rs62265091	G	0.0639
rs1618357	G	-0.0242
rs67259733	T	-0.0327
rs1599389	A	0.0223
rs78045710	G	-0.0653
rs75909755	T	-0.1251
rs9828514	G	0.0279
rs7614010	A	0.1145

rs9842726	G	0.1731
rs115636614	C	0.0766
rs4428188	T	-0.0328
rs2687684	C	-0.0619
rs113313530	T	0.0411
rs4955262	G	-0.0257
rs146209256	A	0.123
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rs78525508	T	-0.1218
rs6798875	A	-0.0235
rs76515977	T	-0.1139
rs6772069	T	-0.0821
rs9310419	A	0.0233
rs4419359	A	-0.0239
rs142622662	T	0.1092
rs74744678	T	-0.1415
rs34245420	G	-0.0398
rs76069245	C	0.0526
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rs45449196	A	0.0841
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rs11706970	T	-0.0316
rs80244852	A	0.0837
rs7610725	G	0.14
rs615326	T	-0.1286
rs78252169	T	-0.0866
rs73001949	C	0.0458
rs115124081	T	0.1205
rs17727113	G	-0.1292
rs80345926	A	-0.1645
rs112252545	T	-0.1732
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rs4685251	G	0.0241
rs839223	G	0.0454
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rs16853205	C	-0.1081
rs7643344	A	-0.084
rs4681269	G	-0.0246
rs116791802	T	0.1196
rs4582032	T	0.0271
rs78145487	A	0.0425
rs79924966	A	-0.0795
rs75738161	C	-0.1448
rs2172839	G	0.0308
rs1400166	A	-0.0249
rs814499	T	0.0455
rs73043871	T	0.1456

rs115159912	T	0.1305
rs3755833	G	-0.0945
rs923786	G	0.023
rs2139950	A	-0.0358
rs9833056	A	0.061
rs77006306	T	0.0767
rs74661194	C	-0.0817
rs9858813	A	0.0561
rs1699346	C	-0.0239
rs7612223	C	-0.0309
rs12491245	C	0.0296
rs114835717	G	0.1074
rs151267419	G	0.1027
rs146002024	A	-0.1424
rs9839753	T	0.0239
rs1554455	C	-0.0258
rs114435896	A	0.1158
rs145201955	A	0.193
rs301548	A	-0.0271
rs9813310	T	0.0283
rs6443636	C	0.0228
rs2944424	C	0.0342
rs77216017	C	-0.0738
rs79809726	C	0.1722
rs150853292	G	-0.1161
rs7633034	G	-0.0303
rs73891322	A	0.079
rs62246014	A	0.0585
rs73164855	T	-0.199
rs114273055	A	-0.0875
rs116693190	G	-0.0433
rs28646228	G	-0.0392
rs7642576	G	-0.0593
rs73216976	C	-0.0269
rs4325967	C	-0.0232
rs13074054	G	-0.0286
rs113435624	C	-0.063
rs112849770	G	0.1514
rs9862019	C	-0.0522
rs7638857	C	-0.0248
rs116289863	C	0.0836
rs77973423	G	-0.0296
rs77363436	C	0.1193
rs114162307	G	-0.0667
rs73817629	T	-0.0928
rs74923473	C	-0.0337
rs2903688	T	-0.0413

rs2322156	T	0.0302
rs7636081	C	-0.0537
rs113751603	C	0.0482
rs6801737	A	0.038
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rs113072575	A	-0.0302
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rs4677799	C	-0.0441
rs114196628	G	-0.1491
rs920474	T	-0.026
rs62276206	G	0.0426
rs76130809	C	0.1311
rs78153984	C	0.0562
rs13085687	A	0.0236
rs2929387	C	0.0366
rs143293287	A	-0.1855
rs138033243	T	0.1293
rs16855946	G	0.1041
rs78302681	A	-0.1796
rs140310048	A	0.1976
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rs9870051	C	-0.0286
rs336631	C	0.026
rs144603882	C	0.076
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rs13085772	T	0.0776
rs62288019	T	0.0617
rs80073230	T	-0.1108
rs75778245	C	-0.0829
rs73067573	T	0.1566
rs11926416	T	-0.1724
rs34188648	A	-0.042
rs4132331	T	-0.028
rs6790803	C	0.0237
rs138106981	C	0.1227
rs9826263	A	-0.0316
rs9288761	A	-0.0256
rs75348318	A	0.0833
rs75468549	G	-0.0997
rs139512391	T	0.0892
rs11720799	C	0.0293
rs1869998	T	-0.024
rs35521337	C	-0.0353
rs55737847	T	-0.0411
rs76460752	G	0.0627
rs9310191	G	0.0308
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rs114470991	T	-0.1816
rs7634506	A	-0.0758
rs112197403	A	0.1355
rs113345139	C	-0.0482
rs642284	T	-0.0453
rs145215854	C	0.1022
rs9869249	A	-0.0357
rs6772523	G	-0.0677
rs2053014	G	-0.0251
rs41272627	T	0.0378
rs11714599	G	-0.0355
rs11713606	C	0.0281
rs115685731	C	0.12
rs9873504	T	0.0541
rs73866285	T	-0.0717
rs9850088	G	-0.0858
rs77474288	C	0.0502
rs11707530	G	-0.1148
rs56105402	G	0.1129
rs17071079	C	-0.0314
rs76878306	T	0.0548
rs73230157	G	0.114
rs60490049	T	0.0548
rs13090977	T	0.0647
rs114704911	C	-0.1469
rs6442155	C	-0.027
rs6786663	T	0.0251
rs35172844	G	0.0797
rs80340077	T	-0.0545
rs6786705	C	-0.1295
rs66890203	G	0.0345
rs1442602	C	-0.0275
rs146208711	A	0.1208
rs140927854	G	-0.1361
rs6775724	T	0.0229
rs115632241	T	-0.1222
rs78232502	T	-0.1297
rs148597291	G	-0.1523
rs2140092	A	-0.064
rs62251072	C	0.1172
rs75486840	A	-0.063
rs56138756	G	-0.0431
rs3942859	C	0.0232
rs73129695	C	-0.0306

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rs111439402	G	-0.0964
rs66518460	G	-0.0338
rs9882541	T	0.0948
rs114608783	A	-0.1131
rs55743135	C	0.1677
rs11709512	T	0.0261
rs78999165	A	0.0709
rs116249776	G	0.1652
rs77197342	T	-0.0867
rs79831182	A	0.0942
rs113569457	G	0.1406
rs34214074	G	0.0613
rs114351630	C	-0.1278
rs11917662	T	-0.0323
rs4583573	C	-0.0227
rs114598794	A	-0.0939
rs11706821	T	-0.0265
rs636936	C	-0.0688
rs4858302	G	0.0245
rs78370229	A	0.0432
rs59598133	C	0.0648
rs116632797	C	0.1415
rs75962218	C	0.0729
rs77146833	C	0.0831
rs114292844	A	-0.1247
rs6800891	A	-0.1808
rs115623380	G	-0.1797
rs35565315	G	-0.1592
rs10460813	C	-0.0305
rs62263402	C	0.078
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rs11926889	A	-0.0448
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rs11709363	C	-0.0562
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rs116315013	T	-0.1052
rs2272078	A	-0.0225

rs9830208	T	0.0302
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rs16845868	C	0.0414
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rs2567349	A	0.0811
rs75402957	G	0.0834
rs145745446	C	0.0845
rs4679210	G	-0.0224
rs146097466	T	-0.0813
rs11706956	C	-0.029
rs11713865	C	0.1348
rs1733528	G	0.0245
rs73003094	G	0.1131
rs7618381	C	-0.0241
rs113411114	A	0.097
rs9810097	G	-0.0269
rs2961353	C	0.0285
rs1485140	T	0.0814
rs73014648	T	-0.0818
rs78188031	A	-0.048
rs149060726	C	-0.1414
rs9757097	T	-0.0254
rs113378478	G	-0.1629
rs73178138	T	0.0379
rs4505685	T	-0.0307
rs2371864	G	0.0288
rs146713712	G	0.2092
rs16830507	T	0.0861
rs4894442	G	-0.0475
rs35034250	T	-0.1042
rs1281465	G	-0.0219
rs4276197	A	0.0291
rs2059002	A	0.0287
rs145963181	A	0.0479
rs78803966	T	-0.0974
rs41517648	A	-0.0458
rs79451633	C	0.0625
rs62252808	T	-0.0633
rs149937593	G	-0.0672
rs17314998	A	-0.1059
rs143654950	A	-0.1211
rs139719145	T	-0.1281

rs2844379	G	-0.0222
rs74283776	A	0.1061
rs6763591	C	0.0246
rs7649547	A	-0.0414
rs76532098	T	-0.152
rs1903216	A	0.0223
rs149687872	A	0.092
rs149765298	C	-0.1297
rs2313285	C	-0.0245
rs6793348	C	-0.0268
rs115555155	T	0.1136
rs73214194	A	-0.0697
rs7615026	T	0.0241
rs7621252	T	0.031
rs62230966	A	-0.0507
rs140297971	G	0.0811
rs74763655	T	0.1368
rs76909671	T	0.1187
rs79590202	T	0.0622
rs986687	G	-0.046
rs11720128	T	-0.0237
rs78439715	A	-0.0728
rs13086347	A	-0.0379
rs1857876	C	0.0278
rs7373248	T	0.0326
rs139442946	C	-0.0952
rs58407484	T	0.0517
rs113134458	T	-0.117
rs9859654	G	0.0233
rs6779253	C	-0.0301
rs7634361	A	0.0979
rs149270846	T	-0.096
rs145716766	A	0.1496
rs11129517	T	-0.0257
rs1851817	A	0.0235
rs3792452	T	-0.0287
rs80104935	A	-0.0892
rs76237031	G	-0.0737
rs112233245	A	-0.0692
rs73153540	T	0.05
rs34598718	G	0.0372
rs6803682	G	-0.0829
rs4686383	T	-0.0342
rs74795708	G	-0.0791
rs59647999	T	0.0263
rs74968393	G	-0.0559
rs6784735	T	-0.0256

rs114857131	A	-0.0693
rs1844066	G	-0.0847
rs4365590	T	0.0237
rs4677342	C	0.0288
rs77209576	T	0.1038
rs113663416	T	-0.0634
rs7651736	G	-0.0227
rs149319533	A	-0.0921
rs116820371	A	-0.1885
rs143941154	G	-0.0877
rs112768898	T	0.0312
rs76491719	T	-0.07
rs115778847	C	-0.0603
rs7642344	G	-0.0225
rs7634366	A	0.0568
rs149475546	T	0.111
rs4680565	A	0.0245
rs55842217	G	-0.1326
rs7649756	G	-0.028
rs2692682	T	0.0366
rs77567348	A	-0.187
rs17400084	T	-0.0356
rs6443297	C	0.0833
rs9862263	C	0.0244
rs60862189	T	0.0414
rs62235517	A	-0.0387
rs141768480	A	-0.1257
rs149020688	T	0.1134
rs9755665	T	-0.0358
rs111682647	T	-0.0982
rs11719802	T	0.0871
rs111478163	T	-0.0324
rs11719404	T	-0.0529
rs145756887	T	-0.1098
rs76121550	G	-0.0933
rs6775823	G	-0.0311
rs11131034	G	0.0368
rs144945189	A	0.1215
rs1824242	C	0.0321
rs3860499	G	-0.0224
rs147034544	A	0.1317
rs73019633	A	0.0374
rs116803764	C	-0.0536
rs144320001	C	0.2027
rs6775511	G	0.0312
rs145089992	A	-0.1394
rs4547720	C	0.023

rs9847715	G	0.0829
rs75143096	T	0.1632
rs6802509	C	-0.0251
rs3935623	C	-0.0369
rs73023796	C	-0.052
rs138523256	C	0.112
rs6795676	G	0.0903
rs902954	T	0.0248
rs62291682	C	0.0411
rs139984586	A	-0.0621
rs73060584	T	0.0503
rs3816396	T	0.0246
rs115821957	A	-0.1233
rs6785592	C	0.0897
rs34230332	G	-0.0501
rs77508421	T	0.051
rs148619625	T	-0.1905
rs56097380	T	0.0898
rs10936433	G	0.0252
rs1828193	G	0.0603
rs115587089	G	0.0621
rs71324982	A	-0.0297
rs9816926	T	0.0262
rs141455035	T	-0.1253
rs6781089	A	-0.0294
rs76933969	G	0.0721
rs16863499	G	0.0696
rs79142795	G	-0.0917
rs6802286	T	0.0239
rs58530194	A	0.0515
rs16863398	G	0.1262
rs114462402	A	-0.1184
rs116095368	T	-0.1599
rs147574152	G	-0.0928
rs12485901	C	0.1242
rs57184972	A	-0.097
rs114474479	G	-0.1316
rs149398132	T	-0.1157
rs709545	C	-0.0309
rs6775095	T	-0.0905
rs843511	C	0.0442
rs73069836	A	-0.0582
rs13079572	C	0.0254
rs146771374	T	-0.128
rs74725445	A	0.1728
rs9290340	G	-0.0275
rs114910518	A	0.0952

rs35123682	C	0.0421
rs73163572	G	0.1309
rs34423355	G	0.0328
rs1525869	C	0.0657
rs115749714	T	0.1654
rs139734554	T	0.0793
rs147380501	G	0.0831
rs13099887	G	0.0392
rs75727747	G	0.0697
rs114201009	C	-0.1461
rs73162834	G	0.0806
rs13327383	A	0.0666
rs704275	G	0.0258
rs9818213	T	-0.0343
rs79134101	T	-0.0691
rs77113029	C	0.0558
rs73166645	C	-0.0389
rs114312346	A	-0.0913
rs57781126	A	0.0262
rs78117651	A	-0.0439
rs2461514	T	0.025
rs114513504	A	0.2221
rs144041673	A	-0.1711
rs3088097	G	0.0234
rs80217925	C	-0.2387
rs141084079	C	-0.1342
rs80286902	C	-0.1447
rs78518449	C	0.0652
rs12494801	T	-0.0362
rs115648687	T	0.1646
rs2271744	C	-0.0235
rs11917509	T	-0.1084
rs138031129	A	-0.1249
rs522554	A	-0.0535
rs77538636	G	-0.0788
rs73173688	A	-0.0885
rs115643521	C	0.1571
rs11706200	A	-0.0289
rs73028233	A	-0.0702
rs163472	T	0.0388
rs74905766	C	-0.101
rs9871064	T	-0.045
rs114689709	A	0.0986
rs6445264	G	-0.0385
rs13072871	A	-0.0218
rs9818987	T	0.0235
rs9835207	A	-0.0232

rs114780266	A	0.1138
rs7634629	A	0.0275
rs62260776	T	0.027
rs9862138	T	-0.0326
rs112449182	T	-0.1152
rs144835446	T	0.1285
rs114906337	A	-0.1827
rs17023487	A	0.043
rs62249135	A	0.2234
rs115192887	A	0.0851
rs2251347	C	-0.0534
rs146600709	C	-0.1627
rs77112989	A	0.0352
rs12496700	T	0.0226
rs13072145	T	0.0355
rs13060981	T	-0.0972
rs78503522	T	-0.094
rs73217008	T	0.0356
rs6805378	T	-0.0223
rs111971266	C	-0.1629
rs35724111	C	0.1152
rs79202519	A	0.1282
rs12635384	T	0.0381
rs17005366	A	0.1233
rs138650469	C	0.1316
rs6778616	G	0.0234
rs36193	C	0.0256
rs78686036	T	0.0522
rs34306909	C	-0.0392
rs77354079	A	-0.1183
rs73129816	G	-0.1172
rs150885913	C	0.1329
rs76613107	A	0.1021
rs76679541	A	-0.1075
rs112145227	T	-0.1318
rs9835997	T	0.0226
rs936154	G	0.0233
rs55814436	T	-0.0268
rs9826268	C	-0.0254
rs79540343	G	0.1345
rs12630728	T	-0.0313
rs7629402	T	-0.0332
rs72995037	C	0.0298
rs9830122	C	-0.0231
rs74594121	T	0.0836
rs991818	T	0.0236
rs62261842	C	-0.0807

rs11718458	C	-0.0253
rs28439875	C	0.0268
rs41413246	T	0.0567
rs9865195	C	-0.025
rs4646703	T	0.0374
rs4298035	G	-0.0299
rs7433873	T	-0.027
rs662959	A	0.0308
rs78616784	A	-0.0995
rs112537955	A	0.0856
rs55853504	G	0.092
rs4859155	A	0.0679
rs78760206	G	-0.0935
rs11130204	A	0.0245
rs62249310	G	-0.1076
rs73190064	G	-0.0331
rs74858867	C	0.0879
rs71329291	C	-0.0888
rs80189250	C	0.0967
rs75297007	C	-0.1267
rs4602438	A	0.023
rs75801738	A	0.096
rs795730	C	0.0373
rs79316338	A	-0.1105
rs17594178	C	0.0338
rs77869272	T	0.0525
rs9310624	T	0.0322
rs111755095	T	-0.0582
rs276104	C	0.0224
rs62265176	T	0.0404
rs2270354	C	0.0278
rs11717532	T	-0.0431
rs62256516	G	0.0371
rs143193551	G	-0.153
rs6795156	T	0.051
rs74705738	A	-0.0514
rs17049256	C	0.036
rs9839389	C	0.0223
rs428582	G	-0.0342
rs79424503	A	-0.1601
rs149205793	G	-0.0895
rs79710698	G	0.1093
rs620165	T	-0.0385
rs6808314	A	0.0233
rs17672589	G	0.0448
rs112044799	G	0.1132
rs6789212	C	0.0231

rs4342095	G	-0.0526
rs79360106	A	-0.1549
rs77587865	T	0.0415
rs116277134	T	-0.0388
rs34229140	G	0.1596
rs3856841	G	0.0247
rs9821664	A	0.0266
rs143311285	G	0.1356
rs997935	C	0.1102
rs12638795	A	0.0428
rs75547978	A	-0.2016
rs7635934	G	0.028
rs112120201	T	-0.1373
rs7631066	A	0.0258
rs62259966	T	0.0885
rs10865655	G	0.103
rs73819447	C	-0.0536
rs9855463	A	-0.0388
rs6770177	G	-0.0269
rs12486939	G	-0.0304
rs113835632	T	0.073
rs6768901	T	0.0785
rs2606786	A	-0.0305
rs13093364	A	-0.0563
rs13319066	T	-0.142
rs12107990	T	0.04
rs115169634	A	0.1442
rs73141574	T	0.0795
rs115098473	A	-0.1768
rs113064746	C	-0.0952
rs115179940	T	0.0825
rs17820136	T	-0.2466
rs114237070	C	0.1422
rs155517	T	-0.0671
rs125698	T	0.0291
rs74480927	G	0.1333
rs12485248	G	-0.0212
rs73891238	T	0.0356
rs9860846	G	0.0213
rs114607711	G	-0.0874
rs6763224	T	-0.0649
rs73120751	G	0.0576
rs76111818	C	-0.045
rs34809223	C	0.0838
rs7642354	G	-0.0269
rs13095170	T	0.0431
rs115481470	G	0.1501

rs113226079	G	-0.0664
rs76533900	C	-0.0804
rs34546204	T	0.1135
rs73139329	C	0.067
rs2306856	G	0.1325
rs137858301	C	-0.0391
rs1495598	A	0.0249
rs2961351	A	0.0273
rs78216978	G	0.1016
rs62235724	T	-0.075
rs113265714	A	-0.047
rs13092766	G	-0.0233
rs111321891	T	0.1455
rs1499079	T	-0.0758
rs1492163	T	0.0632
rs13076059	C	-0.0351
rs2171544	A	-0.0317
rs76332105	C	0.1147
rs1353315	T	0.0319
rs7610606	G	-0.0851
rs76780463	G	0.1593
rs34580376	C	0.1366
rs75841558	T	0.0498
rs9844950	C	0.0297
rs6774902	A	0.0519
rs13065941	T	0.0308
rs113412489	A	0.0747
rs472246	G	-0.0553
rs145156089	C	0.1608
rs73122262	T	0.1046
rs11705944	C	0.0312
rs73228985	C	-0.0506
rs73869610	T	0.0394
rs116103298	T	-0.0865
rs114502775	A	-0.1443
rs2972166	A	-0.0255
rs2060530	C	0.0695
rs1449892	G	0.0388
rs114802767	G	-0.1095
rs115098560	G	0.0627
rs74538690	G	0.1526
rs12696674	T	-0.0221
rs78300415	T	0.0721
rs76080356	T	-0.0834
rs1696200	T	-0.0245
rs7632256	C	0.0227
rs74330453	C	0.1046

rs4688283	A	0.0281
rs76397707	A	-0.085
rs7653339	T	-0.0456
rs11130651	T	0.0254
rs17008195	T	0.0406
rs145936202	G	0.0883
rs76653128	C	0.0716
rs17028112	C	0.1135
rs6793710	A	0.0243
rs55702045	T	-0.0251
rs9812611	A	-0.0267
rs6808615	A	-0.0216
rs73064834	G	0.0663
rs62280798	A	0.1369
rs111255247	C	-0.0372
rs146929843	G	-0.0901
rs114205064	G	-0.1566
rs9818148	G	0.0267
rs627998	C	0.0247
rs2175849	A	-0.0324
rs116293550	G	0.0832
rs13087679	G	-0.0287
rs834172	G	-0.0592
rs80116725	A	-0.1561
rs113138774	C	-0.1942
rs78702810	T	0.0629
rs139342121	T	-0.0845
rs2176817	C	0.0416
rs148538908	A	0.1148
rs17689311	C	-0.0415
rs2332284	C	0.097
rs34598459	A	0.0238
rs1450048	A	0.0263
rs7645589	T	0.0283
rs9857269	C	-0.0234
rs721213	C	0.0245
rs143305380	A	-0.191
rs3856598	C	0.0687
rs114970689	G	-0.1706
rs9682963	A	-0.0404
rs142201809	T	-0.1776
rs12633014	C	0.0527
rs75741022	T	0.0282
rs66973003	T	0.0294
rs2720917	T	-0.0398
rs114749351	A	-0.1443
rs13093404	A	-0.0389

rs12497777	A	-0.0331
rs115257093	A	0.1835
rs7642878	G	-0.0216
rs62283096	A	-0.097
rs59880825	T	0.0243
rs113479806	T	0.1242
rs12497772	C	0.0367
rs114101818	T	0.118
rs59217188	A	0.1366
rs114603528	T	0.1332
rs28438045	G	-0.0755
rs74875558	C	-0.143
rs1595022	A	0.036
rs7640386	C	0.0253
rs4472004	G	0.0331
rs4557104	G	0.0213
rs28660624	T	-0.035
rs717734	G	0.0249
rs76289056	A	-0.0417
rs6792266	C	-0.0366
rs11128398	C	-0.027
rs78726321	C	0.0552
rs78623776	A	0.0876
rs111408485	G	0.0781
rs6792677	G	-0.0242
rs116743996	C	0.1119
rs115357747	G	0.1135
rs11717908	C	0.0443
rs2091065	A	-0.0332
rs1488794	A	-0.0224
rs34399839	T	-0.028
rs77070546	G	-0.0989
rs139888627	T	0.0885
rs73150828	G	0.0974
rs149718392	C	0.2404
rs56276619	C	-0.0576
rs115301087	G	0.0568
rs62287918	A	-0.0301
rs146996760	A	0.0994
rs3912603	G	-0.0524
rs7629132	T	-0.0283
rs9854045	A	-0.0321
rs42456	C	-0.0223
rs1596707	C	-0.0225
rs7634954	A	0.024
rs79715699	G	0.0329
rs303871	C	-0.0283

rs149804519	T	-0.1044
rs11710705	G	0.0219
rs12488137	A	-0.0304
rs117951190	G	0.166
rs137969530	A	0.1076
rs75068127	A	-0.0512
rs7620623	C	-0.0215
rs12636475	A	0.0437
rs148462884	C	0.121
rs115313152	T	0.0578
rs77641430	A	0.0482
rs113862008	T	0.0373
rs12152299	T	-0.0589
rs34080048	T	0.0933
rs11719634	C	0.0246
rs4613424	C	-0.0219
rs12490836	A	-0.1056
rs75250698	A	0.1288
rs79708722	T	-0.1437
rs16853999	C	0.0394
rs17222466	A	0.0915
rs115984612	T	-0.1717
rs16863564	A	-0.0504
rs11916501	T	0.0331
rs138381592	C	-0.154
rs62242667	A	-0.1707
rs7650972	C	-0.0608
rs2044592	C	-0.0292
rs78378310	G	-0.0397
rs6549452	A	-0.0221
rs17034956	C	0.0522
rs35652087	A	-0.0385
rs13064161	G	-0.0307
rs13089829	C	-0.0713
rs77985532	G	-0.1639
rs7613341	G	0.0214
rs76732615	A	-0.0564
rs80148480	A	-0.0953
rs78679848	A	0.178
rs78956048	A	-0.0961
rs4685271	T	0.0267
rs114854018	T	0.0632
rs74704429	T	0.1726
rs114186975	A	0.0996
rs73152542	G	-0.0502
rs115908800	T	0.0793
rs141836564	A	-0.084

rs142649488	C	-0.133
rs13062193	G	-0.0235
rs1110226	C	-0.0621
rs7612139	C	0.0234
rs75259217	T	0.114
rs35631173	A	0.0836
rs7640782	A	-0.1076
rs75943573	T	0.0423
rs1485179	T	-0.0222
rs79752752	A	0.1012
rs41285121	G	-0.1454
rs7631549	G	0.0234
rs17073575	C	0.0308
rs79016669	C	-0.0816
rs1666556	G	-0.0271
rs9835273	G	0.0281
rs11712332	C	0.0892
rs60659132	T	0.0394
rs9284890	C	-0.0238
rs145945561	A	-0.1823
rs62255463	C	0.0492
rs114124435	G	0.1128
rs147006247	G	0.0834
rs35041525	C	0.0364
rs140942783	C	0.1337
rs79400782	C	0.127
rs138277632	T	-0.1714
rs6781507	G	0.1605
rs73173948	A	0.0332
rs116826435	A	-0.1052
rs77505408	A	-0.0404
rs115733010	T	-0.1306
rs74280232	A	0.0751
rs28796018	A	-0.0631
rs6793917	A	0.0233
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rs2676904	T	0.0263
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rs78153065	A	0.0959
rs75143094	T	-0.0797
rs7636999	G	-0.0243
rs113875153	G	0.1492
rs78973668	A	-0.1364
rs3864019	G	-0.1033
rs9809942	A	-0.0605
rs78694022	A	-0.0833

rs4544611	T	-0.0259
rs62281611	A	0.0282
rs4549300	A	0.0269
rs9853620	C	-0.0322
rs6437453	A	0.0279
rs9713929	C	-0.0235
rs35686664	A	-0.0437
rs10804630	C	0.038
rs7649416	A	0.0257
rs34009828	A	0.0328
rs2630165	T	0.0342
rs141634749	T	-0.074
rs149626401	G	0.0711
rs71316222	A	0.098
rs60303224	T	-0.0246
rs56006348	A	0.0971
rs7639909	G	0.0608
rs35325832	T	-0.0574
rs9881174	T	-0.0288
rs77839014	A	0.1483
rs114036870	A	-0.0674
rs74524901	A	0.1176
rs1399272	C	0.0224
rs116090765	T	0.0701
rs73069896	T	-0.0363
rs145685609	A	0.1121
rs57350553	C	0.0219
rs149189079	T	0.1682
rs143050865	T	-0.0903
rs563528	C	-0.0393
rs12695915	T	-0.0414
rs17706635	T	0.0254
rs111854254	T	-0.0825
rs80081963	A	-0.121
rs74826788	C	-0.0749
rs150137858	G	-0.1127
rs73035823	G	-0.0736
rs2213215	C	0.0266
rs2167121	G	0.0524
rs77773789	A	0.1381
rs148077724	G	-0.094
rs11918660	T	-0.1153
rs2198020	C	-0.0255
rs74973715	A	-0.0836
rs4688533	T	-0.0453
rs75221465	G	-0.0755
rs6776772	C	-0.022

rs17062633	G	0.0765
rs1905176	C	-0.0345
rs4831211	T	-0.0264
rs34220450	G	0.0566
rs9858487	G	-0.046
rs114775147	A	0.1256
rs10510273	A	0.045
rs13073703	A	-0.1061
rs114518924	T	-0.1276
rs34351313	G	-0.0239
rs3755777	G	-0.0252
rs1124480	C	0.0256
rs113982787	T	0.1018
rs77063779	G	0.0709
rs79202503	A	0.0645
rs115831010	T	0.1272
rs114089158	T	-0.1349
rs75285679	A	-0.1091
rs17398428	C	0.066
rs79689400	C	-0.0868
rs147135024	C	-0.1099
rs41470150	A	-0.0623
rs145241094	G	0.173
rs75763670	A	0.0696
rs143776776	T	-0.1287
rs11708483	A	-0.0337
rs17553695	G	0.0453
rs9311742	A	-0.0215
rs111708382	G	0.0547
rs36002025	T	0.025
rs2587946	C	-0.0212
rs145057733	A	0.1086
rs8179969	G	-0.0643
rs114035379	T	0.1242
rs1356914	C	-0.0942
rs75061884	A	-0.0897
rs144184445	A	0.113
rs71310259	A	0.0691
rs1948400	T	0.0231
rs10513102	G	0.0289
rs141621973	T	-0.108
rs78752290	T	0.1096
rs74682631	G	-0.0381
rs77992606	A	-0.073
rs34474865	C	0.0732
rs73054716	T	0.1762
rs77598680	T	-0.0766

rs9851806	C	-0.0494
rs7652239	T	0.0257
rs73159881	T	0.1087
rs779755	G	0.0617
rs9868896	T	0.0263
rs77160084	T	-0.1008
rs61247682	C	0.166
rs155394	G	0.0372
rs145758330	G	-0.0572
rs143321489	A	-0.0425
rs141340377	T	-0.1226
rs17593458	G	0.0335
rs72993633	G	0.0675
rs61043032	G	-0.025
rs11720326	T	-0.1355
rs4640604	G	0.0323
rs1955336	T	-0.0247
rs114514472	G	0.1209
rs62283158	T	0.0735
rs6787246	T	0.0216
rs12635500	T	-0.037
rs73004688	C	-0.0572
rs147402973	C	-0.1855
rs1400240	C	-0.0252
rs74395004	T	0.0896
rs62283828	C	0.0818
rs113643840	T	0.0847
rs77362317	G	-0.0445
rs4261911	A	0.0288
rs11929260	C	-0.0415
rs77198763	A	0.0428
rs7632928	C	0.0862
rs9856089	G	0.0235
rs116337191	A	0.1029
rs6782678	T	-0.0227
rs73195909	G	-0.1817
rs62290378	A	0.07
rs113726337	G	0.074
rs2047888	T	0.0276
rs78988587	A	-0.0437
rs6420998	G	-0.0441
rs4856204	G	0.0232
rs113384211	A	-0.1377
rs1608521	G	0.0449
rs67922609	T	0.0661
rs10454220	T	-0.0213
rs6809392	A	-0.0263

rs16863577	C	-0.0313
rs7629766	T	-0.0566
rs147921786	T	0.1565
rs74683410	C	0.0758
rs11713439	A	-0.0239
rs11920510	T	-0.0235
rs9829503	T	0.0224
rs673693	T	0.0226
rs9810872	C	0.0224
rs114088848	G	-0.0752
rs146071128	T	-0.1011
rs1999586	C	0.0265
rs78479288	C	-0.0603
rs7624187	T	0.0309
rs7632519	A	0.0258
rs4684427	C	0.0211
rs4686339	T	-0.0239
rs13058809	C	-0.0325
rs115249247	T	0.1038
rs62263011	T	0.0452
rs116824040	A	0.1328
rs56339040	T	0.1475
rs7613571	T	-0.027
rs7617588	C	-0.0313
rs9820655	C	-0.0223
rs142727809	G	-0.199
rs114111032	T	-0.0806
rs4543060	C	0.0355
rs9831559	C	0.0255
rs3773663	A	0.0214
rs55985991	A	0.0422
rs9857032	G	-0.0618
rs76450801	A	0.0541
rs149722530	A	0.1664
rs9864504	A	-0.0287
rs13094083	A	0.0818
rs7622538	G	0.0624
rs62277429	A	-0.0788
rs114688777	A	0.1124
rs13071719	C	0.0382
rs17552044	G	-0.0306
rs6766557	G	-0.0325
rs73074922	G	-0.0993
rs78284477	T	0.0582
rs2007192	G	-0.0241
rs11712660	C	-0.0231
rs1350959	T	-0.0301

rs17029694	A	-0.0504
rs140298817	A	-0.131
rs73824414	A	0.0332
rs35134407	A	-0.0221
rs2100691	C	0.0264
rs75150068	C	-0.1116
rs60019437	C	-0.0339
rs17061377	A	-0.0352
rs16863529	T	-0.0395
rs11129793	T	-0.0936
rs78087473	C	-0.1497
rs116030249	A	-0.0622
rs17189922	T	0.0482
rs116276044	C	-0.0863
rs13074637	C	-0.027
rs17073603	A	0.0488
rs80080104	A	0.0529
rs739983	G	-0.0222
rs72622382	C	0.0581
rs61797640	T	-0.094
rs7622807	A	-0.058
rs73890328	A	0.076
rs62243306	C	-0.1182
rs2028994	G	-0.0208
rs13079348	G	-0.0227
rs79728310	T	-0.1365
rs6786408	C	-0.0213
rs148875564	T	-0.1121
rs6779726	A	0.0307
rs74439297	A	-0.1018
rs11717259	G	0.0217
rs141502191	T	0.1497
rs56209070	A	0.0316
rs6805462	A	0.0276
rs113327762	G	-0.138
rs146420996	C	0.1848
rs2953121	C	0.0267
rs77413707	T	0.0327
rs76255606	C	-0.1431
rs73068934	A	0.057
rs6793913	C	0.0219
rs16829028	A	0.0578
rs2002583	C	0.0541
rs17620655	G	-0.0403
rs113644704	T	0.1032
rs114395245	A	0.059
rs60973911	A	-0.0242

rs141534656	T	0.1125
rs150675027	A	-0.1128
rs116840192	T	-0.1642
rs74988522	A	-0.102
rs1401509	T	0.0248
rs17759085	T	-0.0279
rs76078276	C	-0.0363
rs79847183	C	0.1236
rs7627615	G	0.0209
rs13325786	T	0.0669
rs62254926	G	-0.0924
rs17206555	G	-0.0885
rs11719718	G	0.0814
rs755098	T	0.1241
rs77533244	C	0.1075
rs111532100	A	0.1434
rs147313414	A	0.0912
rs4491856	G	0.0231
rs67815226	A	-0.0273
rs6779888	G	0.0213
rs9882792	T	0.0269
rs6766999	A	-0.0544
rs78978593	T	0.1884
rs57263969	T	-0.0793
rs2884755	C	-0.0954
rs9873188	A	-0.047
rs114121192	T	-0.1228
rs72995389	C	0.077
rs17009327	T	0.0682
rs73056975	T	-0.0644
rs138106469	A	0.0648
rs6444869	G	0.0275
rs114737457	T	-0.0971
rs6764352	G	0.0754
rs62294413	C	-0.0355
rs7434191	G	-0.0207
rs12490729	C	0.043
rs4083003	C	0.0495
rs6442596	C	-0.033
rs78263660	T	0.0492
rs71324636	C	-0.089
rs115535331	T	0.101
rs78850870	A	0.0911
rs61793109	T	-0.065
rs112133325	T	0.0508
rs879595	G	0.0238
rs923512	G	-0.0287

rs71300530	T	-0.0577
rs75410931	C	0.1217
rs60883709	C	-0.0509
rs62270980	A	-0.0282
rs4257505	T	0.0415
rs74856200	C	0.1522
rs172705	A	0.0641
rs115795986	G	-0.0662
rs79599271	A	0.0406
rs6767590	A	-0.0208
rs73153250	A	-0.094
rs2729009	A	0.0215
rs141372166	A	0.0544
rs9840594	G	0.0225
rs147183227	C	0.0861
rs78999570	G	-0.0481
rs59841453	A	-0.0414
rs4687004	C	0.0827
rs793293	C	-0.0216
rs116105029	C	-0.0584
rs7628344	A	0.1957
rs7614563	G	0.028
rs9288927	A	0.0758
rs111897878	T	0.0696
rs9860826	T	-0.0345
rs9818694	T	0.0247
rs141997256	A	-0.1466
rs148316965	A	0.0841
rs7622825	G	0.0289
rs113168095	T	-0.0303
rs78444390	G	0.1165
rs12632178	C	0.0501
rs59702256	G	0.1371
rs73149937	A	0.1017
rs4894688	T	0.0214
rs74282562	T	-0.0655
rs145456601	A	0.1004
rs111307699	T	0.1335
rs10490874	T	0.0382
rs34561018	T	0.039
rs147682877	T	0.1272
rs147914433	C	-0.0816
rs77003737	A	0.0791
rs10937522	A	0.053
rs6808378	T	0.0291
rs9868273	C	-0.0217
rs3846042	T	0.0215

rs79882942	T	-0.1167
rs2256225	C	0.0338
rs6802572	G	-0.026
rs71318670	T	-0.0915
rs73056293	T	0.0304
rs9309968	T	-0.0307
rs4677391	C	-0.03
rs57663669	C	-0.0549
rs55942292	G	-0.1207
rs565842	T	0.0436
rs78594215	G	0.0352
rs9866394	A	-0.0216
rs12637836	G	-0.0955
rs2811411	T	0.0607
rs149038960	T	0.122
rs76567139	G	0.1263
rs78241983	C	-0.1109
rs12493119	G	0.0216
rs115657945	T	0.072
rs73176346	A	0.1137
rs237888	C	0.0487
rs150022286	T	0.1133
rs140629302	T	0.0825
rs140816021	T	0.1743
rs12152423	G	-0.0594
rs76495785	G	0.1083
rs7643571	T	0.0505
rs78681159	C	0.097
rs4618188	T	-0.0216
rs57843971	G	0.0337
rs77747748	T	-0.0657
rs17808919	G	0.0414
rs2930079	A	-0.1583
rs114739244	C	-0.1106
rs147937667	C	-0.1034
rs76900858	T	-0.0898
rs7610323	A	0.023
rs586444	G	0.0367
rs13062350	A	0.0224
rs3773989	A	-0.0209
rs12493766	C	0.1034
rs149996849	A	0.135
rs142419102	T	-0.0996
rs74458605	C	-0.0622
rs75005790	G	-0.03
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rs73015939	T	-0.0493
rs142738647	G	-0.0781
rs1172255	T	0.0237
rs12636445	A	0.0482
rs73884708	A	0.0479
rs11718867	G	-0.0224
rs62242191	T	-0.0502
rs340143	T	0.0236
rs55643417	G	-0.0704
rs1828669	T	0.0234
rs6803288	G	0.1225
rs114364126	T	0.0615
rs6780558	A	0.025
rs4686510	G	-0.0237
rs11713041	C	0.0465
rs59535065	C	0.056
rs60174932	T	0.0483
rs9863597	A	-0.151
rs9815088	C	-0.0212
rs114642883	T	-0.0615
rs717323	A	-0.0377
rs11923189	G	0.0407
rs2895280	G	-0.0684
rs112746731	C	-0.1097
rs56076790	G	-0.0315
rs12495152	G	0.0229
rs73022755	C	0.0599
rs13076200	C	-0.0284
rs1241287	T	-0.0239
rs9289302	T	0.0208
rs10935268	A	0.0307
rs17044424	C	0.0441
rs116767920	A	0.1064
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rs78386582	C	0.065
rs75718495	A	-0.1056
rs1451522	A	0.1149
rs2399415	T	-0.0214
rs73224623	T	-0.122
rs144064574	A	-0.1781
rs9877183	A	-0.0216
rs2655293	C	-0.105
rs112363034	T	-0.1733
rs2084370	T	-0.0269
rs116338533	T	0.058
rs138219405	A	0.1047
rs78515051	G	-0.0996

rs73180340	T	0.0346
rs35897219	T	-0.0234
rs114495074	C	0.0483
rs12492788	G	0.0942
rs79109393	T	-0.0555
rs76082446	A	0.0299
rs7646282	C	-0.0425
rs146093757	T	0.0961
rs17047590	T	0.0334
rs113548225	A	0.1145
rs34788499	A	-0.1126
rs73880564	C	0.0405
rs1473977	A	-0.0275
rs62249295	G	0.1
rs79879205	G	0.0432
rs9288753	A	0.0562
rs78236840	G	-0.1268
rs75244566	A	0.0516
rs17054879	C	-0.0254
rs355101	G	-0.0362
rs7612792	A	0.0597
rs78693890	C	-0.0321
rs115004276	T	0.0762
rs62245277	T	0.0348
rs7644528	C	-0.0216
rs6792170	G	0.0208
rs2172402	A	-0.0235
rs73017097	G	0.0706
rs6442235	T	0.0294
rs9818654	G	-0.0232
rs1398610	C	-0.025
rs11706809	G	0.0253
rs72850665	C	0.082
rs62255077	A	-0.0328
rs114933955	G	-0.1176
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rs114866451	T	0.108
rs343340	A	0.0255
rs78299971	G	-0.0542
rs9310934	C	0.0762
rs11914617	A	0.0893
rs78393792	T	0.1181
rs115608296	A	0.1637
rs12492447	G	-0.1236
rs17456373	A	0.0906
rs141430106	A	-0.1063
rs62253176	G	0.0269

rs73141981	C	-0.0656
rs1879782	C	0.0612
rs78344582	C	-0.0239
rs75804175	C	-0.0872
rs116191474	C	0.1046
rs4452368	T	0.0204
rs77398565	G	-0.0306
rs112019257	G	-0.1475
rs17699988	C	0.0247
rs4234170	T	0.0218
rs4599251	T	-0.0329
rs2071387	G	-0.0266
rs139705239	A	-0.0436
rs78819165	G	-0.1105
rs440746	T	0.0212
rs150758768	T	-0.1173
rs9831104	A	-0.0693
rs143059105	C	-0.1354
rs1534024	T	0.0229
rs1010226	C	-0.0329
rs35704209	A	-0.1436
rs114630697	A	0.1528
rs9836799	A	-0.0239
rs16854733	C	0.0246
rs76428887	A	0.1085
rs1973033	T	-0.0576
rs62267050	T	-0.031
rs479594	G	0.0252
rs3755697	A	-0.0445
rs11924836	T	-0.0233
rs80314091	T	0.145
rs893084	A	-0.0255
rs11129158	C	0.0267
rs73145387	G	-0.0692
rs78109607	A	0.0691
rs6773310	T	0.0255
rs7633054	G	-0.114
rs73031426	A	0.0733
rs4676466	A	-0.0236
rs13080791	C	-0.0334
rs62265001	G	-0.0662
rs76749064	T	-0.1467
rs116487127	G	0.083
rs142051946	G	0.1545
rs111928601	G	0.0482
rs17194003	G	0.0262
rs382679	T	0.0318

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rs55689538	T	-0.0672
rs146387724	A	-0.1672
rs67028381	G	-0.0217
rs76182248	C	0.1564
rs73073671	T	0.0455
rs12634720	C	0.0339
rs1553681	C	0.0218
rs74452406	T	-0.0872
rs138000236	T	0.1714
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rs10510739	T	-0.0539
rs1898031	C	0.0213
rs141437800	T	-0.0785
rs62273334	G	0.1094
rs4688219	C	-0.0211
rs1836918	C	0.0233
rs62283142	T	-0.0295
rs79466891	C	-0.0752
rs56032805	G	-0.021
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rs62250172	A	0.0572
rs114299101	C	0.043
rs497383	G	-0.0241
rs114951998	C	0.0504
rs3792402	C	0.0215
rs853865	A	0.1643
rs78830667	G	-0.12
rs149305434	T	0.1569
rs232007	T	0.0275
rs76822811	A	-0.0667
rs78704469	T	0.1335
rs74642963	A	-0.0327
rs79352523	T	0.1325
rs77008769	T	-0.114
rs17018781	G	0.0634
rs115602477	C	0.0966
rs147725879	G	-0.0898
rs62270362	G	-0.066
rs78380995	C	0.129
rs2365078	A	-0.0985
rs6773417	T	0.0258
rs4857690	G	0.0298
rs61752081	A	-0.0679
rs6785214	G	0.0339
rs112150069	A	0.0816
rs13062783	A	0.0436

rs2596832	T	0.0254
rs4305372	A	0.0365
rs75667606	T	0.1565
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rs4680536	G	0.0214
rs4292218	G	0.0229
rs56212486	A	0.0673
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rs13069363	A	0.0296
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rs117399974	C	0.1476
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rs2160807	A	0.0439
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rs2570016	T	0.0232
rs74839021	G	0.0571
rs75578493	G	-0.0979
rs9853098	G	0.0392
rs340659	C	-0.0795
rs79961055	A	-0.0311
rs58171576	A	0.0337
rs138344256	T	0.0927
rs526005	G	0.0205
rs76413760	C	0.0597
rs34889534	C	0.0298
rs9873817	T	0.0484
rs1386979	A	-0.0301
rs159147	A	-0.022
rs78353633	A	-0.1033
rs76367421	A	-0.1046
rs9814518	C	-0.0213
rs138810058	A	-0.1602
rs6764556	T	0.027
rs9841045	G	-0.0966
rs716588	T	0.0265
rs17584100	T	-0.1039
rs197729	G	-0.0277
rs115039948	G	-0.1295
rs145143509	A	-0.1135
rs35703936	T	-0.056
rs76077252	A	0.0366
rs10937573	G	0.0388
rs34333692	T	0.1191
rs62273803	A	0.0387
rs17743103	C	-0.0238
rs77951762	G	-0.0282
rs1521263	G	0.0221

rs77952659	T	-0.1029
rs75025367	T	-0.1379
rs4552392	C	0.0268
rs145166297	A	-0.1102
rs7615285	C	-0.0878
rs11708133	G	-0.0206
rs704381	G	0.0205
rs7627021	G	-0.022
rs11712636	G	0.0372
rs115025911	A	-0.1119
rs6442990	G	-0.0318
rs4129088	A	0.0541
rs112736555	T	-0.0563
rs115228220	T	-0.1331
rs66918208	G	0.072
rs73062608	T	0.0641
rs56210075	T	0.0764
rs76148681	T	0.0278
rs114234062	T	0.1288
rs9968195	G	0.0215
rs2879588	T	0.0332
rs76881494	A	0.1166
rs751396	T	0.0209
rs74747603	T	0.0833
rs73015488	G	0.0419
rs73232569	G	0.1823
rs77798485	A	-0.1689
rs74388535	A	0.0558
rs34085363	C	0.0768
rs13094374	A	0.0239
rs147172850	T	-0.0303
rs2035741	A	-0.0275
rs2287447	G	0.0222
rs430353	G	0.0208
rs35816825	G	0.0552
rs9814591	G	-0.022
rs78145313	G	0.0833
rs576387	T	-0.0552
rs74629391	A	0.1331
rs62290775	A	-0.039
rs11129848	A	-0.027
rs9809448	G	-0.0282
rs73177975	T	-0.085
rs7653108	C	-0.0276
rs13089058	A	-0.0458
rs62255892	G	-0.1274
rs150125391	C	-0.1305

rs3772920	G	0.0332
rs6763566	G	0.1063
rs7618980	G	0.0282
rs62258934	A	0.0433
rs149479983	C	0.0506
rs35533293	G	-0.121
rs78282398	A	-0.0618
rs75913877	A	-0.0241
rs146331109	G	0.1376
rs12494934	T	0.1146
rs73162917	T	-0.0243
rs34027151	G	0.0789
rs7373930	A	0.0219
rs78753351	C	-0.116
rs80292958	T	0.0721
rs7429493	G	0.0211
rs7649356	T	-0.0234
rs7650950	G	0.0315
rs6790269	A	0.0441
rs2664109	C	-0.0216
rs145328479	G	0.1089
rs7427948	G	0.0427
rs6770100	T	0.0253
rs73150250	T	-0.1522
rs6804820	A	-0.0348
rs9837007	G	-0.0256
rs35187993	A	-0.0868
rs17067533	G	0.0637
rs56079118	G	0.1576
rs7630034	A	0.0248
rs73816909	C	-0.0356
rs41438545	G	-0.1251
rs2365485	T	-0.028
rs6781078	T	-0.029
rs6784978	G	-0.0307
rs34468236	G	-0.0299
rs75964684	C	0.041
rs13098006	T	0.069
rs9875177	A	0.0226
rs77809569	G	0.1496
rs79450798	T	0.0581
rs17760241	C	0.1598
rs1522249	C	-0.0256
rs73118623	C	-0.1277
rs79229736	T	0.0644
rs138863834	A	-0.1226
rs998394	A	-0.02

rs115258185	A	0.1365
rs150709271	A	0.0903
rs13088200	A	-0.0218
rs78114034	A	-0.0569
rs139606878	C	-0.0855
rs73884650	G	-0.0467
rs13074573	T	-0.0634
rs13324185	T	-0.1623
rs17738430	A	0.0373
rs116720232	G	-0.1109
rs11719968	T	-0.0246
rs11915298	G	-0.0667
rs67962917	C	0.0597
rs4858361	G	-0.0218
rs264676	C	-0.0317
rs143474052	C	0.0313
rs72847480	C	0.1332
rs148944137	T	-0.0832
rs13320904	G	-0.0487
rs57650353	G	-0.0515
rs7640324	G	0.035
rs12637646	C	-0.0356
rs56404698	C	0.0566
rs113748893	T	-0.1022
rs9863629	C	-0.0299
rs140300255	C	-0.0733
rs7431820	G	-0.0313
rs2317751	T	0.0209
rs4021851	C	-0.0202
rs2492286	T	-0.0293
rs10935254	G	0.0244
rs115547032	C	-0.125
rs9878523	C	0.0319
rs79456490	C	-0.1256
rs7634246	C	-0.0291
rs3111849	C	0.0231
rs6444192	T	0.0208
rs13319998	A	-0.082
rs3732677	T	0.0561
rs145277886	T	0.096
rs304007	G	-0.0351
rs4362686	T	0.0324
rs13077474	T	0.0235
rs1287467	A	0.0262
rs116287650	G	0.0512
rs1546830	A	0.0226
rs77312611	C	0.0523

rs115189538	G	-0.1382
rs9858146	A	0.0405
rs148640058	G	-0.0504
rs80084298	G	0.0908
rs6809573	G	0.0413
rs71308144	A	-0.0965
rs140058440	A	0.0967
rs1825370	A	-0.0862
rs140104795	A	0.0644
rs73144817	A	0.0738
rs4831195	T	-0.0236
rs115416408	G	-0.103
rs112276683	G	-0.077
rs1479940	A	-0.0208
rs73095477	C	0.0403
rs75888088	C	-0.0472
rs2251272	T	0.0227
rs116541333	G	0.0515
rs7622941	A	-0.0286
rs58491518	C	0.0939
rs11708737	C	0.0281
rs7650381	A	0.1219
rs4684997	T	0.055
rs78537085	T	0.0803
rs141180322	A	-0.1276
rs78441381	G	-0.0435
rs80080509	A	0.0686
rs114769847	T	0.1088
rs111763942	C	-0.0755
rs4857414	T	-0.0211
rs6780844	A	-0.0827
rs12494152	C	-0.077
rs10937459	T	0.0219
rs80315169	A	-0.1487
rs781386	C	-0.0247
rs26310	C	-0.0219
rs62257243	T	0.0386
rs764177	C	0.0214
rs16852674	T	0.0771
rs769456	C	0.0236
rs7622749	T	-0.029
rs73145266	G	0.0616
rs163558	T	-0.0276
rs114431844	T	-0.0994
rs114307189	T	0.0824
rs62278920	A	0.0904
rs11927361	T	-0.0544

rs112628152	G	-0.1218
rs11714840	C	0.0217
rs4894955	G	-0.0244
rs73215959	T	0.0894
rs6767095	T	-0.0203
rs75886401	C	-0.0256
rs77839359	T	-0.0446
rs4680816	T	-0.0261
rs75357977	T	-0.0656
rs75924860	C	0.0204
rs148714047	T	-0.1451
rs7614680	A	-0.0245
rs62255837	A	0.041
rs147757902	C	0.183
rs115295459	G	-0.135
rs12636119	T	0.1546
rs143355952	G	0.1311
rs56896305	T	0.0235
rs11924039	A	-0.0213
rs4301004	C	0.025
rs13089458	G	0.0413
rs16848159	A	-0.1401
rs115900329	A	-0.1277
rs147255374	G	-0.1976
rs4678681	G	0.0205
rs138909188	C	0.094
rs9863676	A	0.0296
rs114339410	G	-0.0845
rs6771672	G	0.0291
rs1991787	T	0.0263
rs6788035	T	0.0236
rs9817701	G	-0.1089
rs17037086	C	0.0513
rs115160537	C	-0.0622
rs144340223	G	-0.1334
rs28606069	G	0.0219
rs9833657	T	-0.0611
rs78272627	A	0.0587
rs73124959	A	-0.0489
rs17829608	C	0.0405
rs79982201	G	0.06
rs6776374	A	-0.0225
rs34172339	G	0.0906
rs76043599	G	-0.1165
rs142993754	G	0.1283
rs33449	C	0.08
rs2372155	T	0.0662

rs6782829	A	-0.0423
rs115873096	T	0.1229
rs534324	G	0.0207
rs60315345	C	-0.062
rs142494582	G	0.1077
rs114298924	C	0.1086
rs62269767	A	0.0278
rs72859978	G	-0.1002
rs9876660	C	0.0285
rs4855678	C	-0.0386
rs35450976	T	0.0822
rs833271	G	0.0311
rs115034677	G	0.0875
rs2640003	G	0.1466
rs10222367	G	0.0204
rs75882530	C	-0.0755
rs112879191	T	0.1037
rs73057255	C	0.1525
rs111882023	A	-0.0565
rs147282350	T	0.1208
rs3935183	G	-0.0243
rs71296717	A	-0.098
rs56398459	G	0.0213
rs1602187	A	0.0962
rs16853287	G	0.0806
rs143803117	T	0.1049
rs7643134	G	0.0482
rs3755771	A	-0.0316
rs3942629	A	-0.0227
rs16824819	A	-0.1093
rs62229805	G	-0.1053
rs7429600	A	0.0236
rs1827451	A	0.0269
rs73224196	C	-0.0784
rs77110820	G	0.0627
rs80311713	T	0.0806
rs9818640	G	0.0441
rs13059114	C	-0.0266
rs6787010	T	0.0526
rs141325965	A	0.0988
rs1920337	A	0.0249
rs35555380	A	-0.0334
rs34736466	A	0.0304
rs76040352	A	-0.0721
rs16863993	A	0.0343
rs16822529	C	0.0273
rs6766501	C	0.0437

rs140198717	T	0.1412
rs12488667	T	-0.0291
rs115217115	T	0.0735
rs73168622	A	-0.0469
rs6770096	T	-0.036
rs67078110	T	0.024
rs11709217	G	-0.1211
rs11717811	A	0.022
rs74876506	T	0.0964
rs62257336	T	0.0581
rs4677048	G	0.021
rs56291902	T	0.023
rs4640557	C	-0.0221
rs73192044	G	-0.0593
rs1147695	C	-0.0324
rs147246231	C	0.1152
rs269358	A	0.0355
rs142187279	A	-0.108
rs12633778	C	-0.1133
rs116265484	G	-0.0811
rs80045238	T	-0.1022
rs74357524	C	0.0879
rs73158568	G	-0.0671
rs78275858	A	0.0535
rs1564074	A	0.0252
rs1106680	G	0.0573
rs141010068	A	0.1207
rs749993	C	0.0248
rs77443246	T	-0.0975
rs77150292	G	-0.0586
rs4472053	T	0.0227
rs380210	A	-0.0221
rs11720349	A	0.0819
rs73160464	T	0.0894
rs115297220	T	-0.0644
rs148211308	A	0.0594
rs114040582	C	0.1002
rs526100	C	-0.0223
rs75959875	T	0.0316
rs146853178	C	-0.0889
rs1561075	G	0.0278
rs113733970	T	0.0918
rs643658	A	0.032
rs303859	T	-0.0254
rs75366665	T	0.0426
rs2142305	A	0.022
rs34542764	A	0.0355

rs146046685	T	-0.1268
rs140924680	A	0.1494
rs77059052	A	0.1004
rs142516208	A	-0.1066
rs62276278	A	-0.0253
rs114189593	T	0.0977
rs4684714	T	-0.0694
rs75071342	T	-0.0698
rs12631707	C	0.0227
rs978485	A	-0.0246
rs13093165	T	-0.0212
rs148070728	T	0.1779
rs76183962	C	0.0918
rs149580589	C	0.168
rs9647358	A	0.0284
rs11707626	T	0.0253
rs78164781	C	0.0618
rs77310961	T	0.0817
rs6780358	A	-0.053
rs13068401	A	0.063
rs116706255	C	0.1334
rs55844438	T	0.0208
rs7641541	T	-0.0202
rs73163875	A	-0.0835
rs143084303	C	0.0728
rs9812062	C	0.0239
rs4630925	T	0.0398
rs3755809	C	-0.0278
rs34078221	G	0.0202
rs13316798	G	-0.0275
rs9815234	C	-0.0646
rs73075024	T	0.0835
rs9827233	A	-0.0211
rs17667362	A	0.0716
rs7635561	C	-0.0295
rs111556241	T	0.0709
rs144132908	G	-0.0908
rs59542269	A	-0.0261
rs7615835	G	-0.0221
rs1030812	C	-0.0217
rs73081903	C	0.1004
rs17194629	G	0.0313
rs579296	A	0.0765
rs75887143	T	0.1245
rs7628218	T	0.0278
rs62234212	A	0.0408
rs115564711	G	0.0602

rs626364	A	-0.0198
rs2271630	T	0.0593
rs17755563	T	0.1035
rs78416983	T	0.1069
rs148059821	G	0.0797
rs116813887	T	0.0565
rs4856390	T	0.0378
rs35943371	T	0.0358
rs4684962	T	-0.0429
rs141993568	C	0.0788
rs76772613	A	-0.1011
rs58552849	A	-0.0274
rs9865092	T	0.0265
rs9865860	T	0.1333
rs11706635	G	0.092
rs17286876	G	0.0379
rs3860612	G	-0.0274
rs11719008	C	0.0447
rs73074963	C	0.1184
rs59307720	G	-0.0348
rs11922996	T	-0.0204
rs62245014	T	-0.0649
rs13092025	A	0.0238
rs78456010	C	-0.0569
rs8180079	G	-0.0388
rs72847499	C	-0.1187
rs72996335	T	-0.0371
rs115579647	T	-0.095
rs9874058	A	0.0664
rs35602991	A	-0.1311
rs150861230	G	0.092
rs111299411	C	0.0411
rs115882251	T	-0.0911
rs148948979	A	0.204
rs12639201	A	-0.0283
rs11130136	G	-0.032
rs4955304	A	-0.0418
rs9822254	T	-0.0308
rs60706027	G	0.0566
rs3889250	T	-0.0909
rs10511124	G	0.05
rs1453261	A	0.0986
rs1842149	T	-0.0295
rs875012	C	-0.0792
rs9809799	C	0.0325
rs9876566	C	0.1528
rs111286886	A	0.1693

rs73187748	T	0.0667
rs80103166	G	-0.1192
rs116528747	T	0.0819
rs745588	C	0.0369
rs699322	A	0.0308
rs62229298	A	-0.0399
rs115450390	T	-0.1105
rs141350419	A	0.1099
rs7615501	G	0.0223
rs112826946	C	-0.0921
rs35971320	G	-0.1335
rs2567347	A	0.0271
rs11922616	A	-0.0208
rs61611742	T	0.0287
rs17016408	C	-0.0379
rs12632326	G	-0.0489
rs4855248	T	-0.0294
rs116644880	T	0.1327
rs60095187	T	0.0223
rs4685205	C	-0.0224
rs1680397	A	-0.0282
rs45519135	A	-0.0852
rs6551483	C	0.021
rs13068566	G	-0.0197
rs113902353	C	-0.0366
rs115984416	G	-0.0974
rs147018795	T	0.1846
rs551595	G	0.0218
rs16826656	G	0.0621
rs148838269	G	0.0755
rs116291110	C	-0.1575
rs78216756	G	0.0282
rs113706892	C	-0.0927
rs4687087	T	0.0224
rs62267320	C	0.1052
rs62271074	G	0.0279
rs115123378	T	-0.0837
rs143007764	T	-0.0545
rs62274288	G	0.0714
rs1114430	T	0.0276
rs7629978	C	0.0236
rs74427960	T	0.0405
rs12633146	C	-0.0206
rs150451129	A	0.15
rs115633174	G	0.096
rs6414394	G	0.0965
rs73177456	T	-0.0627

rs112054730	G	0.0703
rs17027372	T	0.0549
rs79364206	G	0.1683
rs1979528	G	0.0861
rs62273264	T	-0.0872
rs115460615	T	0.0936
rs142836448	A	-0.032
rs6788676	G	0.0204
rs79342888	G	0.0513
rs9863866	G	0.0208
rs146914370	C	-0.0574
rs7647995	A	0.0212
rs73106741	A	0.1439
rs13066839	G	0.1353
rs28865905	A	0.0285
rs13077873	T	0.0779
rs79822473	A	-0.1063
rs71312506	A	0.0488
rs73187733	G	0.0432
rs6808668	A	-0.0969
rs7615996	G	-0.0209
rs2682964	G	0.0372
rs1491707	T	-0.052
rs62232876	T	-0.0368
rs11719717	G	0.0212
rs13315963	A	-0.0463
rs17431517	A	0.0241
rs1666131	A	0.0198
rs2595913	C	0.0434
rs6809420	T	0.0267
rs4679178	A	-0.0269
rs35787589	A	0.0262
rs116603984	A	0.0677
rs35957531	G	-0.0484
rs2135320	A	0.0344
rs13317981	G	0.0419
rs111593718	C	0.0709
rs115986145	T	-0.1246
rs73074130	C	-0.1278
rs75643703	A	-0.0998
rs115945420	G	0.1271
rs145688596	T	0.1029
rs114463497	G	0.0556
rs511731	A	0.063
rs62242214	T	-0.1799
rs114584570	C	-0.0854
rs62289654	T	0.0533

rs934453	C	0.0315
rs75937173	C	-0.0503
rs77587230	T	0.0624
rs73061424	T	-0.0346
rs62261792	G	-0.0642
rs9809827	T	-0.0546
rs79015570	A	0.0796
rs11718209	A	-0.0275
rs987741	A	0.0201
rs7432727	T	-0.0198
rs11720581	A	0.0394
rs146175899	G	-0.0424
rs4928058	G	-0.0278
rs1450110	A	-0.065
rs114591299	T	0.0484
rs76212105	A	0.0734
rs12636078	A	-0.0215
rs9882615	A	0.0256
rs73087080	C	-0.0735
rs2221892	T	-0.0244
rs78873807	T	-0.0532
rs114195985	A	-0.1479
rs148748710	C	-0.11
rs77650626	T	0.1034
rs1995649	C	0.0627
rs116635601	T	-0.1064
rs2372950	A	-0.0263
rs151024527	A	0.0555
rs9876487	G	0.0215
rs76802013	C	0.094
rs56931274	T	0.0244
rs147677919	A	-0.0959
rs6765154	C	0.0232
rs73049041	A	-0.0947
rs76048373	G	0.0598
rs140059862	G	0.0845
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rs11925376	C	0.0244
rs78159718	T	-0.0612
rs4287876	C	-0.0322
rs35397711	T	0.0656
rs78644208	G	-0.116
rs115025341	T	0.0722
rs370230	A	0.0743
rs12485290	A	0.0645
rs75790563	T	0.1041
rs35292389	A	-0.1048

rs13079095	G	0.0532
rs73160454	G	0.1007
rs143030598	C	0.142
rs36074614	A	-0.0479
rs11919820	A	0.0471
rs141079209	C	-0.1228
rs1978396	G	-0.0323
rs17709148	A	-0.0283
rs9833157	G	0.0258
rs6802330	C	-0.0266
rs6774778	A	0.0285
rs3773490	T	0.0205
rs55725503	A	-0.0741
rs17009723	C	-0.0279
rs73232771	T	0.1274
rs115036029	T	-0.0828
rs1653974	A	0.0241
rs79441429	C	0.1177
rs16841332	G	0.0648
rs6786185	G	0.0595
rs116686378	A	0.0816
rs116570455	T	0.0401
rs142731603	A	0.057
rs711567	T	0.0321
rs7638186	C	-0.0357
rs13073884	A	0.1492
rs7430821	A	-0.0799
rs16837605	T	0.1091
rs77617609	T	0.0729
rs117331964	A	-0.195
rs4419356	G	0.0464
rs34394958	G	-0.0775
rs11927321	G	-0.0277
rs114176069	A	0.0805
rs141884234	G	0.2016
rs114266560	T	0.0904
rs140323454	T	0.0927
rs80067603	A	-0.0268
rs4293665	T	-0.0534
rs11922879	A	0.0717
rs34516249	T	-0.0258
rs7356015	G	-0.0211
rs7615624	G	-0.0515
rs727778	G	-0.0216
rs17302126	C	0.0579
rs114711393	T	-0.1693
rs79095079	C	0.0723

rs75465451	C	-0.0742
rs10510341	T	0.0431
rs13063919	C	-0.0247
rs62281961	A	-0.0839
rs115671879	C	0.0583
rs73040331	C	-0.0584
rs150587987	G	-0.0696
rs9853543	C	-0.0575
rs79242383	G	0.082
rs112873049	T	0.0846
rs6437962	T	0.0329
rs4678540	C	-0.0357
rs138657362	G	0.1308
rs9865221	A	0.0432
rs1155108	C	0.1705
rs115348722	A	0.1495
rs7630294	T	0.0809
rs41301375	A	-0.0799
rs62242502	G	0.0287
rs34985305	G	-0.0318
rs9826331	C	-0.0214
rs4533614	A	0.0588
rs62274107	T	0.0623
rs78015423	G	-0.0515
rs115526833	C	0.13
rs4499648	A	-0.0254
rs6767797	G	0.0335
rs4855995	C	-0.0236
rs138031869	C	0.1205
rs77258407	G	-0.0318
rs77489858	G	-0.1213
rs113293193	A	-0.0729
rs4855475	A	0.0197
rs77203826	T	0.0341
rs115760592	C	0.073
rs4916441	T	0.0227
rs13068785	T	0.0753
rs6794137	G	-0.0242
rs112371827	A	0.1292
rs1606370	A	0.0273
rs4894532	T	0.0202
rs141054301	C	-0.1388
rs17737239	T	0.0556
rs4684220	A	0.0228
rs138040538	A	0.1182
rs12486542	A	-0.0201
rs67674136	C	0.0369

rs116617515	T	0.105
rs13095651	A	0.0221
rs73050928	C	0.037
rs13060497	A	-0.1031
rs73837738	A	-0.0477
rs7638124	A	0.0335
rs12106939	T	-0.0207
rs7646640	G	0.0787
rs78620115	A	-0.0885
rs149330618	A	0.1186
rs2116151	G	0.0211
rs4401392	T	-0.0263
rs12186041	T	0.0223
rs73100435	T	-0.0483
rs78008966	T	-0.0924
rs74814358	C	0.1567
rs72624883	A	-0.0358
rs144742329	G	-0.1662
rs1808883	G	0.0241
rs148393806	A	0.1235
rs62242350	C	-0.0305
rs76841282	T	-0.0768
rs7616413	T	0.0205
rs114658648	A	0.0977
rs77907593	G	0.1258
rs4894815	A	-0.0255
rs76585683	G	0.0572
rs7431638	G	-0.0207
rs115392377	A	-0.1479
rs4144706	T	-0.0298
rs13072195	T	0.0328
rs35946401	A	-0.0232
rs6768160	C	0.0196
rs139811613	C	0.1402
rs144749521	C	-0.0258
rs4686417	C	0.024
rs6797462	T	-0.0235
rs55792486	T	0.1063
rs6788334	T	-0.0269
rs9852266	A	0.0497
rs11712154	T	0.0324
rs115320396	T	0.0437
rs304175	C	-0.0341
rs73105051	A	0.1647
rs75374400	T	-0.0472
rs35769963	T	0.0337
rs78728103	A	-0.0252

rs280481	A	-0.0215
rs9863850	G	0.0222
rs1846473	C	-0.1519
rs4683042	G	0.0248
rs115909465	A	0.0883
rs260580	T	0.0195
rs75624705	T	-0.0426
rs116103318	G	0.1056
rs80053956	T	0.0614
rs62282728	C	-0.0802
rs77735023	G	0.1449
rs1021701	G	0.0224
rs2132127	A	0.0728
rs75990093	A	-0.0516
rs112735233	T	-0.034
rs78949515	G	-0.1078
rs1144113	G	-0.1132
rs2593932	C	-0.0201
rs6444798	A	-0.0206
rs77297137	A	-0.0835
rs412508	A	-0.023
rs11707215	C	0.0313
rs78560906	C	-0.1461
rs79609584	A	0.0961
rs79124479	T	-0.0534
rs6763437	A	0.0599
rs2600030	C	0.0212
rs4468973	T	-0.0583
rs116489699	G	0.0694
rs4423748	A	-0.0195
rs73137667	A	-0.0554
rs73228968	T	-0.0505
rs4686880	T	0.0408
rs79636452	A	0.061
rs75122591	C	-0.0394
rs79505759	C	-0.0607
rs2136233	T	-0.0355
rs11713167	A	0.0208
rs79199464	C	-0.0747
rs112546389	A	0.1369
rs6803548	C	-0.0214
rs829182	G	0.0213
rs145781246	A	-0.1083
rs6789200	G	0.1442
rs71325366	T	-0.1031
rs74952600	A	-0.0783
rs3773162	T	0.0244

rs116051060	A	0.0824
rs62254740	G	-0.1045
rs13059642	G	0.0703
rs10511405	T	-0.0247
rs62267134	T	0.1098
rs75915465	C	0.0203
rs73109612	A	0.0453
rs114749200	A	0.1006
rs145007810	C	0.1362
rs73193925	G	0.0559
rs1353248	T	-0.022
rs62245950	T	-0.0639
rs149182753	T	0.1476
rs147771852	G	0.0663
rs34904379	C	0.0823
rs9849141	T	0.07
rs80350379	T	-0.1371
rs111635254	C	-0.0773
rs9875048	G	0.024
rs12488473	T	-0.0263
rs112655119	C	0.0543
rs73190802	A	0.0927
rs80320573	A	0.0863
rs35073826	G	-0.0269
rs3853720	T	0.0214
rs13070215	G	0.0508
rs115506977	A	0.1064
rs139790369	G	-0.0901
rs114614876	T	-0.136
rs234011	T	-0.0204
rs6444072	C	0.0321
rs73034177	T	0.0394
rs13061420	A	0.1102
rs1994111	A	-0.0253
rs11916328	T	-0.0846
rs144398114	A	-0.1576
rs139900133	C	0.1354
rs116195682	C	-0.0728
rs116308449	A	-0.156
rs12487658	C	0.0244
rs113994668	T	0.0877
rs2304551	G	0.0321
rs146558744	T	-0.0692
rs78262020	C	-0.0368
rs9821651	A	-0.1304
rs78605803	A	0.0561
rs6777734	G	0.0955

rs79715307	A	-0.0915
rs116328362	T	0.0756
rs80341091	T	-0.0411
rs2875002	T	-0.0221
rs115578093	T	0.0591
rs78187400	G	0.0523
rs75054859	T	-0.1207
rs505974	C	0.022
rs75527220	T	0.0338
rs12107009	T	0.0463
rs112730820	A	0.093
rs6440616	T	0.1112
rs80096938	C	-0.0518
rs4686842	A	-0.0232
rs9854809	A	0.0351
rs141389116	A	0.1839
rs34192173	T	-0.1177
rs74795512	A	0.0717
rs114354482	G	0.0851
rs34589717	G	-0.0462
rs80046999	C	-0.0772
rs12634894	G	-0.0324
rs6809558	C	-0.0242
rs62227239	T	-0.0296
rs17049673	T	-0.0457
rs62235716	T	0.0465
rs9864994	A	-0.0277
rs35835286	T	0.0355
rs113140243	A	0.1852
rs157301	A	-0.0216
rs116671965	A	-0.0522
rs112406716	T	0.0802
rs13082198	A	-0.0252
rs72622598	T	-0.0618
rs111342743	T	-0.0914
rs78278834	C	0.0559
rs112800374	C	0.0446
rs73056224	G	0.0286
rs73116764	T	0.0605
rs62232683	A	0.0226
rs11706153	T	-0.0908
rs34570230	G	-0.0793
rs115003473	C	0.1231
rs56857418	T	0.025
rs378535	C	0.0205
rs78937449	G	-0.1008
rs79330620	T	-0.0783

rs113776280	A	0.1098
rs115599816	A	0.1369
rs74979207	A	-0.0773
rs73003243	T	0.0482
rs17625449	T	-0.0696
rs111888216	A	0.126
rs77412796	G	-0.0445
rs61242619	G	-0.0402
rs2929371	G	-0.0206
rs149695517	A	-0.0481
rs3924817	T	0.0203
rs116071306	T	0.0743
rs62260481	T	0.1095
rs1447150	C	0.0446
rs11706487	C	-0.0291
rs140466642	G	0.0811
rs73182611	C	0.0414
rs78180666	C	-0.0723
rs12497297	C	0.0552
rs12636077	A	0.0612
rs2634554	A	-0.0413
rs114919538	G	0.1767
rs140875643	A	-0.0778
rs16853481	T	-0.0348
rs116784021	C	-0.0883
rs11923377	T	-0.042
rs9883144	G	-0.0409
rs6792725	A	-0.0209
rs7652291	T	-0.0276
rs9841363	T	-0.0288
rs114771232	T	-0.0855
rs9827210	T	-0.0246
rs4686145	T	-0.0612
rs73037907	A	0.0627
rs79906072	A	0.107
rs73101070	C	-0.1636
rs35355131	T	-0.0475
rs11708278	C	-0.0292
rs140423815	A	-0.1655
rs2304510	C	0.0269
rs79058794	G	-0.0818
rs149495345	C	-0.1157
rs73052325	A	-0.1427
rs4234246	T	0.021
rs17237042	C	0.0441
rs2664098	G	-0.0244
rs73085878	A	0.1275

rs9834018	G	-0.0279
rs60746884	A	-0.04
rs113606656	G	0.0372
rs115084868	A	-0.0684
rs919113	G	-0.0195
rs73093395	G	0.0511
rs115904361	G	0.0649
rs116586640	G	0.0725
rs62275331	A	0.1561
rs72995970	C	-0.0847
rs7614618	T	0.0211
rs73197605	T	-0.0921
rs4857446	A	-0.022
rs12494771	G	-0.0214
rs7651051	T	0.0491
rs13092691	A	-0.0778
rs116127393	G	-0.0547
rs56326727	C	0.1047
rs116704890	A	0.1429
rs144895316	T	-0.1059
rs150657427	G	-0.0506
rs116358733	A	0.0595
rs116763791	A	-0.0788
rs6444635	A	0.0697
rs117769407	C	-0.0833
rs77831368	G	-0.101
rs11129308	A	-0.035
rs62243577	T	0.0258
rs550043	G	0.0325
rs73173317	C	-0.0566
rs9831376	C	-0.0596
rs115024943	T	0.0687
rs73067652	A	0.1288
rs4894942	G	-0.0212
rs9831991	G	0.0413
rs75119553	C	0.0737
rs13086640	G	0.0301
rs796882	C	0.023
rs62252074	A	0.0512
rs75815149	C	-0.0797
rs75176809	T	0.0454
rs358046	T	-0.0201
rs80105905	T	0.0844
rs73828631	T	0.116
rs111951314	C	-0.0872
rs62275802	A	0.0589
rs75686607	A	-0.1345

rs3816731	A	0.0825
rs114797615	A	-0.1104
rs73194538	A	0.0451
rs11129469	T	-0.0205
rs75055053	T	0.1308
rs1608904	C	-0.0194
rs73167054	G	-0.0682
rs716616	T	0.0951
rs62236516	T	-0.043
rs9843925	C	0.083
rs17642880	C	0.0391
rs73170523	C	0.0803
rs114262082	T	-0.0987
rs55786533	A	0.0461
rs1367142	A	-0.0538
rs115222685	A	-0.0727
rs12495736	A	-0.025
rs9821406	A	-0.0257
rs12330646	T	-0.036
rs116240632	C	-0.1012
rs11717583	G	0.0197
rs115886681	A	-0.1046
rs1441884	T	0.0215
rs789853	T	-0.0328
rs443316	C	0.0198
rs668271	G	0.0745
rs4241442	A	-0.0217
rs10935819	C	0.023
rs2669178	G	-0.0308
rs75258856	T	0.0726
rs74378360	C	0.0459
rs76067171	G	-0.0266
rs77322398	G	-0.0882
rs4683045	G	-0.0234
rs113019654	A	-0.0399
rs55847551	G	0.0338
rs116607355	A	0.184
rs79154524	T	-0.0522
rs12491101	G	0.0201
rs114533319	A	0.111
rs11717245	A	-0.0319
rs79325457	C	0.0716
rs11719950	C	-0.0525
rs17761103	C	-0.0214
rs74750469	A	0.0811
rs2128027	T	-0.0399
rs139300233	A	-0.0743

rs78796384	C	-0.0521
rs79823334	T	0.0776
rs73812875	C	-0.045
rs13090226	C	-0.0213
rs79101229	T	0.0906
rs114407637	A	0.0837
rs8478	T	0.0247
rs76055474	T	0.0768
rs73163267	T	-0.1202
rs6779858	A	0.0239
rs4624555	C	0.023
rs115906433	A	-0.1062
rs114385168	G	0.0735
rs7619473	A	-0.0471
rs34975545	G	0.0323
rs17635326	T	0.094
rs9861729	G	-0.0235
rs73189612	T	-0.0487
rs12489723	A	-0.0681
rs3856788	T	0.1261
rs114178683	A	-0.0998
rs9325413	T	0.0441
rs139978079	G	0.1112
rs115866903	C	0.0996
rs831070	A	-0.0211
rs139373717	T	0.1089
rs116068717	G	-0.0678
rs58881566	A	0.1311
rs13072023	T	-0.0439
rs549255	C	0.0243
rs115254613	A	0.0847
rs7631073	G	0.0251
rs114193360	C	-0.1314
rs13090721	A	0.0935
rs57566465	C	0.0275
rs4856892	A	0.0316
rs148566065	A	-0.1175
rs6804171	A	0.034
rs73066799	G	-0.0773
rs11706376	T	0.0692
rs80284522	C	0.0366
rs11716115	G	-0.0253
rs62283302	A	0.0299
rs111747345	T	-0.0465
rs6419792	G	-0.0706
rs7624041	G	-0.0383
rs1398732	T	-0.0234

rs2154762	A	0.0234
rs6790368	G	0.0558
rs74935976	A	0.0809
rs9854006	T	0.0214
rs11707507	G	-0.02
rs9820306	C	0.0631
rs55937326	G	0.0365
rs12715202	A	-0.0409
rs140519113	G	-0.0822
rs71328493	G	0.0389
rs1609969	A	0.0321
rs73188538	T	-0.0601
rs143571073	C	-0.1134
rs79045129	C	0.0425
rs73034788	C	0.0605
rs71309999	T	0.0318
rs78643374	A	-0.0651
rs149521671	C	-0.1176
rs7632131	A	0.0262
rs4679514	A	-0.0751
rs873132	T	-0.0578
rs62275346	A	-0.0255
rs483352	T	-0.0351
rs116809139	T	0.0916
rs13473	A	0.0461
rs79777156	T	0.0693
rs141915642	G	0.0725
rs13077540	G	0.086
rs35970229	T	0.0655
rs13066810	A	-0.0253
rs71296734	A	0.0487
rs113827536	G	0.1348
rs78284557	T	-0.1426
rs1524966	C	0.0324
rs6790455	A	0.0309
rs72622926	C	0.0252
rs7637085	A	-0.0341
rs147120836	A	0.1743
rs295306	A	-0.0751
rs115364817	A	-0.0353
rs142019862	A	0.0473
rs12374181	G	-0.029
rs62298247	T	0.053
rs9879802	T	0.0423
rs111849903	A	-0.0596
rs34892	G	-0.0413
rs4270467	G	0.0242

rs17057325	C	-0.1012
rs6792822	C	-0.0198
rs78922417	A	-0.1077
rs12630403	G	0.0292
rs10511282	T	-0.0339
rs3817425	C	-0.0372
rs6771360	T	0.0284
rs76097935	C	-0.0801
rs16849514	G	-0.0326
rs74589404	G	0.0458
rs112680718	A	0.1681
rs77314873	A	-0.0351
rs9028	C	-0.0195
rs4688256	C	-0.0193
rs4855305	T	0.0208
rs80331307	A	0.0461
rs4676924	T	0.0199
rs7610693	A	-0.0219
rs73095474	C	0.1324
rs138779380	G	0.1169
rs13074345	C	-0.0204
rs76939051	A	-0.0914
rs14360	G	-0.0233
rs114084583	A	-0.1148
rs114418190	G	0.0837
rs115408539	G	0.1029
rs11719294	T	0.0709
rs149022385	C	0.0857
rs6796582	C	-0.0358
rs142568691	A	0.168
rs789	A	-0.0202
rs73205316	A	-0.0222
rs7648977	A	0.0256
rs113171477	T	-0.0661
rs115901088	A	-0.0422
rs9867279	T	-0.0375
rs76240414	T	-0.0432
rs111491953	T	0.0401
rs9876033	C	0.0256
rs80026423	T	-0.1295
rs7619356	G	-0.0294
rs116247186	T	0.0611
rs79939979	T	-0.0445
rs115287183	C	-0.082
rs74338908	A	0.0826
rs75015919	A	-0.0737
rs7427741	G	-0.118

rs114352678	A	-0.1379
rs9819189	C	0.052
rs115904276	G	-0.1553
rs144762852	G	-0.1033
rs62252529	A	0.0681
rs7614031	A	0.0191
rs115789874	A	-0.1125
rs79726092	G	0.0606
rs77932053	A	0.0712
rs10934388	C	0.0243
rs4684822	T	0.0291
rs76040007	A	-0.0791
rs140683240	T	0.0731
rs145200170	C	-0.1054
rs769794	A	0.0195
rs114541441	G	-0.1095
rs2268817	T	-0.0208
rs6414520	G	-0.021
rs76666620	T	-0.0466
rs67955459	C	0.0568
rs28705234	T	0.0835
rs164460	A	-0.025
rs76870071	C	0.0428
rs1878861	G	0.0212
rs150988725	T	-0.0621
rs4637302	G	0.0194
rs56149550	A	0.022
rs73178271	G	-0.0785
rs347628	A	0.0215
rs6808864	A	-0.0222
rs749948	T	0.02
rs77815064	A	-0.0306
rs6664	T	0.0212
rs147801175	A	-0.0855
rs4686320	A	-0.021
rs116172643	G	0.1336
rs68121286	A	-0.0273
rs7632962	G	0.0376
rs1696007	T	-0.0243
rs141904854	G	0.0545
rs4146796	C	-0.0342
rs2649751	A	0.0194
rs7620109	A	0.0341
rs79913146	C	0.0399
rs7613112	T	0.037
rs4955813	C	-0.0208
rs2366429	T	0.0371

rs4856940	G	0.0346
rs9873991	A	-0.0283
rs1259308	A	0.0324
rs66531443	T	-0.0473
rs72902586	G	-0.0639
rs146325969	G	0.0544
rs7643190	G	0.0765
rs6440479	A	-0.1048
rs76503731	T	0.1223
rs237878	C	0.0211
rs12637393	A	-0.0189
rs71312315	G	0.0587
rs11928471	T	0.0603
rs7616828	G	-0.0331
rs112965404	C	-0.1256
rs78456674	G	0.0394
rs78750869	T	-0.0453
rs4624523	A	-0.021
rs78629619	A	-0.0448
rs114971518	T	0.0969
rs80263018	C	0.0595
rs4437081	A	0.0837
rs62230179	T	-0.0437
rs7433660	G	-0.0251
rs73086610	A	-0.0612
rs278480	A	-0.1962
rs13072061	T	-0.022
rs62276876	T	0.0253
rs66771135	A	-0.1014
rs73054270	T	0.0662
rs62253672	C	-0.0296
rs115192138	C	0.1474
rs7649653	C	-0.033
rs696513	G	0.0205
rs59919518	A	0.0232
rs78836321	T	-0.0528
rs16823858	A	-0.0458
rs35262984	A	0.0225
rs113444227	A	-0.0282
rs6798592	C	0.0244
rs343311	G	-0.0198
rs1396423	T	0.019
rs10510866	C	-0.0297
rs114203770	T	-0.084
rs17141074	C	0.135
rs9860982	C	0.04
rs1399748	G	-0.0188

rs145730412	A	0.0882
rs147011375	G	0.079
rs13095368	C	-0.0885
rs9861567	A	-0.0245
rs9871288	T	-0.0214
rs10513359	A	0.0221
rs11919648	A	-0.0529
rs76230201	T	0.116
rs111494834	T	0.0662
rs76126926	A	-0.0348
rs61795253	G	-0.1575
rs1195727	A	-0.1299
rs147864333	G	0.1722
rs7637468	G	-0.0398
rs79310980	C	0.0516
rs16826240	T	0.0574
rs56075763	A	-0.0261
rs9875732	C	0.0197
rs77607932	A	0.067
rs79350376	C	0.0253
rs464392	G	-0.0258
rs3762770	T	-0.028
rs115716895	A	0.0656
rs75765795	A	0.0917
rs141428795	A	-0.1089
rs73161314	C	0.1661
rs115621759	A	0.1198
rs141062962	T	0.1139
rs1868118	C	-0.0221
rs113726690	A	-0.1547
rs79337583	A	0.1137
rs78498684	A	-0.0441
rs12490555	T	0.0223
rs11718927	T	-0.0254
rs7649049	A	0.0304
rs79737764	C	-0.107
rs72984188	T	0.1515
rs13094489	A	-0.0226
rs139580368	T	-0.0882
rs77510786	A	-0.168
rs17662968	A	0.0521
rs7652799	T	-0.0742
rs544716	T	-0.114
rs115448740	T	-0.088
rs62243863	T	0.0343
rs78416627	A	0.0196
rs9860279	T	-0.024

rs147399709	T	0.1032
rs4605505	A	-0.0274
rs112826663	C	-0.086
rs73097598	A	-0.0321
rs79399341	T	0.0667
rs331855	G	0.0192
rs13070526	C	-0.0214
rs7651755	A	-0.027
rs150550873	T	-0.1441
rs3772958	T	0.0226
rs62268439	G	-0.0899
rs80182049	G	0.0896
rs6766287	A	-0.0236
rs790103	C	0.0207
rs73238093	A	-0.0404
rs111787032	T	-0.0816
rs804488	G	0.0404
rs6781075	C	-0.0201
rs1463581	T	-0.0882
rs77492401	C	0.0535
rs140514639	A	0.105
rs6439029	G	-0.0203
rs355748	T	0.0196
rs79668694	G	-0.0358
rs74701911	A	-0.0701
rs57526667	A	0.0747
rs6800812	G	-0.0196
rs6789500	C	-0.0243
rs74428138	C	0.1507
rs12632158	A	0.0231
rs2650158	C	0.02
rs74499969	T	-0.1098
rs2715272	G	-0.0194
rs61135440	G	0.02
rs62256366	G	0.0465
rs1554536	G	-0.0289
rs11128331	G	0.051
rs114243006	G	0.0992
rs114583430	A	-0.0593
rs147829835	A	-0.0743
rs17250983	C	0.1104
rs73084153	C	-0.1316
rs139232605	G	-0.0894
rs77323078	T	0.0709
rs9833932	T	-0.0203
rs12496107	G	0.0424
rs9883652	A	0.0307

rs35804158	G	-0.0956
rs78122882	C	-0.0879
rs62291419	A	-0.0645
rs145189161	T	-0.1115
rs79149481	T	0.0841
rs116530281	A	0.101
rs2680649	T	-0.0243
rs1441443	C	0.0221
rs4429628	C	-0.0307
rs114741909	T	0.081
rs35117404	T	-0.0281
rs13068745	C	-0.0658
rs72615630	C	0.019
rs114888023	T	0.08
rs11129420	T	0.0188
rs959177	A	-0.0205
rs141495304	T	-0.1053
rs62249335	A	-0.0306
rs17204365	C	-0.0607
rs74868179	A	-0.091
rs148073401	A	0.0567
rs62263288	G	0.0233
rs75711833	T	-0.1141
rs78128847	T	0.086
rs11926588	T	-0.0211
rs138558381	C	0.091
rs9812218	G	-0.0231
rs2633846	T	-0.0199
rs35814051	A	0.0828
rs73161445	A	-0.0583
rs73062597	T	-0.0513
rs115829709	G	-0.1037
rs17727500	G	-0.056
rs115301775	A	-0.1246
rs9682806	A	-0.0363
rs59494509	T	-0.0829
rs75166659	C	0.0726
rs10049198	C	-0.0186
rs115336875	G	0.0336
rs77590261	T	0.0585
rs33767	A	-0.0188
rs6766190	A	0.0319
rs55743308	T	0.0747
rs13321431	G	0.02
rs7627909	C	-0.0219
rs111607270	G	0.1088
rs73875930	T	0.172

rs79048174	A	0.0283
rs12637917	T	-0.0445
rs75714699	A	0.0949
rs9842495	A	0.0252
rs79740996	A	0.0781
rs13059139	T	0.0231
rs35966844	G	0.0326
rs146375978	A	0.0889
rs77493871	A	-0.0895
rs7649792	A	-0.0311
rs62274119	C	-0.0217
rs6774413	T	0.0317
rs34776313	G	-0.0196
rs112051664	G	0.0393
rs9867361	G	0.0204
rs73074420	C	0.1077
rs4539958	A	0.0217
rs114210742	C	0.0651
rs9815386	C	-0.0424
rs148449821	A	0.0939
rs4894318	A	-0.059
rs62283594	C	-0.1496
rs710451	C	0.0186
rs3852040	A	0.0198
rs9756548	C	-0.0206
rs6766804	A	-0.0217
rs816324	A	0.0222
rs9861775	T	0.035
rs113469042	A	0.1008
rs62295977	T	0.0714
rs140898798	A	0.0798
rs6444531	C	0.0188
rs73812291	A	-0.0673
rs4073766	C	-0.0269
rs112550467	T	0.1214
rs115416861	T	0.1018
rs61109008	G	0.1392
rs28420890	T	0.0293
rs76021552	T	0.0548
rs11716311	T	-0.0425
rs138136835	T	-0.0867
rs79070428	A	0.1551
rs4129030	A	-0.093
rs7372419	T	-0.0193
rs9877409	G	0.0392
rs2087760	A	-0.0209
rs143839898	T	-0.1531

rs9829939	C	0.1354
rs12632227	G	0.0289
rs9864809	T	0.026
rs9879115	A	-0.0536
rs6796653	G	0.0207
rs111245771	C	0.0809
rs2728054	G	-0.0211
rs73189518	A	-0.0399
rs78653114	C	-0.0678
rs9818754	T	-0.0692
rs6769575	T	0.0311
rs1185783	A	-0.0314
rs360835	C	0.067
rs28708759	A	-0.0266
rs116040676	T	0.1408
rs76841323	T	-0.0369
rs62231952	A	0.085
rs2948096	A	0.0258
rs116706185	G	0.0627
rs6776854	C	0.023
rs115864368	A	0.1562
rs73058090	G	0.0278
rs201733	A	-0.038
rs55829669	A	-0.0321
rs73172100	T	0.1356
rs56147262	T	0.0303
rs6790714	C	0.0779
rs57108027	T	-0.0407
rs73046116	T	-0.0316
rs77179554	A	0.1388
rs6786428	G	0.0197
rs35537505	C	-0.0258
rs3917109	A	0.0216
rs4630922	T	0.0209
rs12629626	G	0.1262
rs34302291	G	0.0213
rs4858654	T	0.0393
rs11706688	G	0.022
rs9882272	G	0.1034
rs1388554	C	-0.0237
rs17324031	A	-0.0559
rs79925236	A	0.0906
rs7649794	C	-0.0217
rs138925884	A	-0.069
rs147196130	A	-0.0378
rs73226618	A	-0.0229
rs4681529	T	-0.0247

rs117191275	A	0.0994
rs9877241	A	-0.0257
rs2676850	G	0.0317
rs74344033	T	-0.0374
rs11920026	G	-0.0522
rs115729594	A	0.0641
rs11710505	A	0.044
rs73226617	A	0.0397
rs77416692	T	0.1045
rs73023699	A	-0.0291
rs76161750	A	0.1022
rs17040736	T	-0.0308
rs62244491	T	0.0709
rs78129605	G	-0.0529
rs80150118	C	-0.0519
rs79547297	A	0.078
rs111420768	C	0.0538
rs116591211	A	0.0864
rs9818236	C	-0.0241
rs114660873	A	-0.0794
rs1972454	G	0.0242
rs16829268	C	0.0294
rs143830892	T	-0.0775
rs17050538	C	0.0905
rs7649924	G	-0.0405
rs139713831	C	-0.0826
rs1843307	A	-0.0943
rs10935999	T	-0.0375
rs9815361	C	-0.0331
rs58816423	C	0.0278
rs114818993	T	-0.1546
rs75000016	T	0.1115
rs76950963	C	-0.0616
rs769773	T	-0.0364
rs35499009	G	-0.0782
rs111481173	T	0.0904
rs1154398	G	0.0241
rs73170809	A	0.0468
rs112129485	T	-0.0321
rs35471660	G	-0.0662
rs115900970	C	-0.145
rs13320859	A	-0.0744
rs115681675	G	-0.0568
rs146655308	A	0.0698
rs147819398	C	-0.1525
rs150062338	T	0.1043
rs7623367	C	0.0366

rs73209296	T	-0.0214
rs1106333	A	-0.0441
rs55905671	G	0.1255
rs56234550	C	-0.0431
rs5850552	G	0.1087
rs112495258	G	0.0314
rs9311855	T	0.0193
rs13089213	T	-0.0795
rs72947888	T	-0.0419
rs62265759	C	-0.0411
rs1355467	T	0.0189
rs6771733	G	0.0738
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rs17535700	T	0.1533
rs704408	A	0.0359
rs62275088	T	-0.0345
rs57491367	C	0.0624
rs11709562	T	0.0233
rs79621767	T	0.0628
rs4927995	T	0.0196
rs73147837	C	-0.0337
rs6444082	T	0.0227
rs6764719	G	0.0395
rs3923401	A	-0.0311
rs4974114	A	0.0196
rs1447974	T	0.0186
rs7636400	G	0.0274
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rs1121335	A	0.0323
rs114474422	G	-0.0501
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rs9847700	T	-0.0296
rs142461293	A	-0.0927
rs61796041	G	-0.0476
rs116129564	G	0.0653
rs114368564	A	-0.0983
rs113516490	A	0.0736
rs75133071	A	-0.035
rs13066695	C	-0.0197
rs112699056	T	0.0841
rs113357574	C	-0.0695
rs145045934	C	-0.0869
rs6768234	T	-0.0413

rs115206457	A	-0.0969
rs115655066	G	-0.0728
rs11707482	A	0.021
rs13071625	G	0.0184
rs78747978	G	0.0965
rs115402043	G	-0.113
rs6583203	C	-0.0226
rs41289640	T	0.0755
rs78134574	T	0.1083
rs149879249	A	0.1166
rs73061461	C	-0.0487
rs56207885	G	-0.1295
rs17703851	C	-0.0306
rs115097097	A	0.1292
rs149939949	G	0.1117
rs115129510	A	-0.104
rs79747308	T	0.1317
rs73210702	A	0.1051
rs2271077	T	-0.039
rs77446650	G	-0.0626
rs1983164	A	0.0805
rs4496490	G	0.0182
rs74905890	G	0.0605
rs4677652	T	-0.0191
rs4680722	T	0.0352
rs1711560	G	-0.0192
rs80001589	T	0.0215
rs1456921	A	0.0523
rs57697772	A	-0.0274
rs62269634	G	-0.1293
rs12487782	C	0.0342
rs1708460	A	0.1033
rs6439127	A	0.0312
rs149473233	A	-0.1147
rs78057845	C	-0.1271
rs75213881	C	0.0745
rs3796336	C	-0.0227
rs17037831	T	0.0343
rs77324926	G	0.0655
rs12487032	A	-0.0184
rs76254503	C	-0.0358
rs56035217	A	-0.0515
rs73048524	C	0.0767
rs77521636	C	0.1013
rs2162616	T	0.0207
rs114508675	G	-0.0801
rs116187795	T	0.1069

rs35650984	G	0.0291
rs11711094	T	-0.1715
rs4955865	T	-0.0201
rs10511003	C	0.0211
rs56828191	T	0.0444
rs7649081	G	0.0339
rs56176071	G	-0.049
rs816545	T	-0.1334
rs13080850	A	0.027
rs13314141	G	-0.0359
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rs71322413	T	0.0475
rs114937292	C	0.1698
rs992431	A	-0.0205
rs2895421	T	-0.0211
rs9851154	G	-0.0209
rs115413962	C	0.0726
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rs35295365	C	-0.0971
rs73082667	A	0.0688
rs1147707	T	-0.0235
rs62288210	C	-0.0787
rs145932805	A	0.08
rs12629160	T	0.0927
rs55734371	C	-0.0388
rs213330	G	0.0323
rs76719063	A	0.0556
rs112356039	T	0.0783
rs146075396	C	-0.1184
rs1928564	A	0.0185
rs145112344	G	-0.098
rs111536330	A	0.1351
rs4143286	A	-0.0521
rs78748807	G	0.1471
rs150149890	T	-0.0795
rs73183615	A	-0.0363
rs112846979	T	-0.0699
rs140127989	A	0.0683
rs17042797	G	0.0351
rs116425116	G	-0.0908
rs12633677	T	-0.0415
rs2339726	C	0.0572
rs787837	C	0.0227
rs80077930	A	0.0743
rs6801896	C	0.0203
rs73027471	A	-0.0555
rs143891133	G	-0.0628

rs148546313	C	0.0524
rs7625511	A	-0.0221
rs17203666	T	-0.0339
rs75173336	A	0.0763
rs4370047	T	-0.0187
rs76900383	C	-0.075
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rs6771583	A	0.0324
rs116555012	T	-0.0759
rs12489418	G	0.0269
rs76516803	T	0.0813
rs61305390	G	-0.0985
rs55976752	G	-0.0388
rs76156048	G	0.098
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rs11130871	C	0.0344
rs137984314	G	-0.1076
rs145053049	G	0.0803
rs73018780	C	-0.0203
rs11712654	G	0.024
rs80016009	G	-0.0879
rs11129355	C	-0.0187
rs72976474	T	0.0406
rs79738020	G	0.0652
rs17029848	T	0.0389
rs115521448	T	0.0792
rs58341809	T	-0.0393
rs6767154	T	0.0655
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rs9837363	T	-0.021
rs148696302	A	-0.0791
rs114895876	G	0.1049
rs17066673	T	-0.0509
rs114389071	G	-0.061
rs41465652	G	0.0287
rs1198109	A	-0.0272
rs116748097	T	-0.1044
rs9859731	A	0.0197
rs6779099	T	0.0321
rs869889	A	0.0306
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rs73098536	G	0.0347
rs78271199	G	-0.0476
rs112940717	G	0.0869
rs6806401	G	0.038
rs7631720	C	-0.0201
rs774764	A	0.0184

rs58071899	A	-0.0252
rs71323881	T	-0.1636
rs28467468	C	-0.0199
rs60596776	A	0.0954
rs116776798	G	0.0606
rs9849175	A	-0.0248
rs138271381	A	0.0685
rs184653	C	-0.0208
rs148728755	T	-0.0506
rs62241189	A	0.0264
rs11130764	A	0.0668
rs62266490	G	0.1041
rs142522854	C	-0.1358
rs114171977	C	0.09
rs34969227	T	-0.0515
rs11928846	G	-0.0289
rs112137479	A	-0.0799
rs112416390	T	0.0686
rs147405323	C	0.1035
rs114377420	C	-0.1564
rs6779518	A	-0.0194
rs7626608	G	0.0279
rs74901453	G	-0.0511
rs148170026	C	-0.1184
rs148267697	A	0.1815
rs138834731	C	-0.1142
rs6438472	A	0.0228
rs6766361	A	0.0214
rs9647370	A	0.0601
rs823521	C	-0.0234
rs342005	T	0.0298
rs237861	G	0.03
rs62252602	T	0.0231
rs74551788	T	-0.0524
rs35590815	T	-0.0672
rs16842233	C	-0.0376
rs9845578	C	0.0956
rs138104140	A	-0.0486
rs78111618	A	-0.025
rs7372391	C	0.0265
rs76467849	T	0.0832
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rs62239494	A	-0.0569
rs780372	T	0.0202
rs147411617	G	0.1378
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rs4857241	T	-0.0229

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rs79786780	G	0.0744
rs116706309	G	0.0599
rs115231355	G	-0.0965
rs6783724	T	0.0416
rs597437	C	0.0196
rs60759545	C	0.0809
rs4928008	G	-0.0813
rs11712577	C	0.0189
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rs1551274	A	0.0448
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rs9883556	C	0.0202
rs6781149	G	0.0353
rs74783361	G	-0.1286
rs73211607	A	0.1284
rs9809098	A	0.048
rs75319570	T	-0.195
rs56885324	T	0.0396
rs62250268	T	0.053
rs80058470	A	-0.0899
rs6770630	C	-0.0192
rs72916513	T	-0.0647
rs144357130	G	-0.0628
rs146170086	T	0.1369
rs78872616	A	0.1134
rs116768603	G	0.0902
rs3851985	G	0.0774
rs113881914	A	-0.0508
rs144474247	G	-0.1167
rs147141057	T	0.1389
rs1515653	A	-0.0259
rs9871810	C	0.1543
rs113054451	C	0.0944
rs74738376	G	-0.0664
rs1242076	T	0.0181
rs138692866	G	0.103
rs1516364	C	-0.034
rs72920940	G	0.0799
rs34089258	G	0.0762
rs9839534	A	0.0272
rs4680471	T	-0.0182
rs17060799	G	0.0682
rs115604299	G	-0.1116
rs6780122	A	-0.0211

rs80155909	C	0.0904
rs112707083	T	0.0763
rs13077076	A	-0.022
rs62244111	G	0.0192
rs12490038	T	0.0678
rs76762478	A	-0.0824
rs73229935	T	-0.0363
rs4245899	C	-0.0493
rs76889032	G	0.1313
rs4974389	G	0.0179
rs73022370	G	0.0541
rs75665702	T	0.0693
rs7651722	G	0.054
rs62286620	A	-0.0502
rs114906327	A	-0.0643
rs2455806	A	-0.0212
rs10934067	C	0.0245
rs73147840	T	-0.0426
rs58824769	G	0.0414
rs114288504	G	-0.1072
rs78038776	T	-0.1046
rs34884284	G	0.0242
rs77745942	T	0.0418
rs145619263	A	0.0712
rs41291189	G	0.0559
rs150028486	T	-0.0997
rs339012	T	0.0223
rs6443192	T	-0.0191
rs6808313	G	0.0978
rs80158512	G	-0.0774
rs4855044	A	-0.0303
rs62297188	T	0.0221
rs1059380	C	0.0211
rs377521	A	0.0187
rs56321196	A	0.0638
rs9837753	T	0.0347
rs144276312	T	0.0903
rs9855624	A	-0.0179
rs76154223	C	-0.0939
rs59191645	A	-0.1531
rs138741635	A	-0.0873
rs35206740	T	0.0234
rs113269748	C	0.1122
rs114252913	C	0.0998
rs4420807	C	0.0226
rs2350489	T	0.0546
rs113789865	C	0.0445

rs12496659	T	-0.0229
rs3930233	C	0.0192
rs78846587	G	0.0668
rs815468	C	0.0258
rs1996107	G	0.0509
rs17204079	C	-0.0376
rs75710075	C	-0.0674
rs17778109	T	-0.0206
rs12494289	T	0.0729
rs115827020	G	-0.098
rs1688397	C	0.1301
rs144137599	T	0.1402
rs1491730	G	-0.0326
rs7626041	A	-0.1306
rs344405	G	-0.018
rs146404484	A	-0.0222
rs71310508	A	-0.0539
rs10510491	G	0.0312
rs1156513	G	-0.0224
rs4505693	G	-0.019
rs9878692	A	0.0182
rs79287178	A	-0.1109
rs34856687	C	-0.0516
rs146631317	T	-0.1095
rs148675784	C	-0.0976
rs10934184	C	0.044
rs11538698	T	0.0564
rs75071200	A	0.0877
rs378079	C	-0.0713
rs1505820	A	-0.0196
rs62239207	C	0.0323
rs79013507	T	0.0564
rs115607472	A	-0.121
rs142424113	A	-0.127
rs13065557	T	-0.0335
rs141573407	A	-0.1237
rs62265979	T	0.0822
rs76549827	T	0.0458
rs116571183	G	-0.1118
rs73016903	C	-0.076
rs113653490	T	-0.1309
rs149136248	G	0.1257
rs73044589	G	-0.0742
rs13070678	T	-0.0258
rs1374868	A	-0.0271
rs1445076	C	0.0191
rs78884727	A	-0.0766

rs7633952	C	-0.0201
rs34827295	G	-0.0366
rs13089359	T	0.0461
rs6806851	C	0.0238
rs7644984	C	0.0781
rs2728051	G	0.0648
rs13091434	C	-0.0239
rs73184698	A	-0.0366
rs443824	A	-0.0329
rs971866	A	-0.0274
rs73175287	A	0.0824
rs266747	A	-0.0799
rs7611182	T	0.0285
rs139747470	C	0.1351
rs6763648	C	0.0183
rs9838676	A	-0.1523
rs12493388	A	0.0412
rs12494660	T	-0.0201
rs4498004	A	-0.0194
rs79233583	A	-0.0858
rs77386419	A	0.1111
rs9854083	G	-0.0219
rs7617321	G	-0.0366
rs140691187	A	0.1392
rs12494287	T	-0.0421
rs7611336	A	-0.0237
rs7640436	T	0.0191
rs4894305	A	0.0444
rs6788836	G	-0.0256
rs112674696	A	-0.0794
rs1427782	A	0.0255
rs79724978	T	-0.092
rs114692464	G	-0.0916
rs1123429	A	-0.0237
rs75337882	G	0.0465
rs2581210	C	0.0186
rs6550309	G	-0.052
rs61401139	A	-0.0248
rs59746567	G	0.075
rs7426777	G	0.0306
rs1355547	T	-0.0224
rs116612986	A	0.0777
rs116509368	G	-0.075
rs34251104	G	0.0344
rs73168804	C	0.1432
rs79592528	T	-0.0283
rs76008532	G	0.0861

rs114947633	G	0.1285
rs57854291	C	-0.0841
rs6792514	C	0.0183
rs111614603	C	-0.1092
rs1402457	A	-0.0458
rs72977016	T	0.1225
rs12054078	A	-0.0216
rs2472676	T	-0.0466
rs9852711	T	-0.1295
rs34960505	A	0.1102
rs2686065	G	0.0208
rs5013265	C	-0.0234
rs11709534	A	-0.0182
rs114134610	A	-0.1153
rs7638055	G	-0.0242
rs113317860	G	0.0597
rs111704353	T	0.1276
rs75925276	A	-0.0913
rs71626840	A	0.0318
rs74564767	A	-0.071
rs75285408	T	-0.0315
rs13075345	G	-0.1676
rs304820	T	-0.0203
rs77266689	T	0.1003
rs3731143	G	-0.0372
rs79125687	G	-0.0921
rs4677869	T	-0.0289
rs237865	C	-0.0219
rs13095267	G	0.0319
rs13078402	A	-0.0424
rs17634797	A	0.0269
rs62243788	A	0.0465
rs142316462	G	0.0731
rs12631460	C	0.0192
rs13068514	C	0.0429
rs112587347	G	-0.0334
rs9839015	T	0.0361
rs150521660	T	-0.0853
rs75329743	T	-0.1152
rs79835389	A	-0.0425
rs11923454	T	-0.0232
rs13082403	T	-0.0185
rs6577596	C	-0.0199
rs73192201	A	0.1083
rs76038936	G	0.1153
rs74716230	G	-0.0554
rs116790264	T	0.0777

rs77000951	T	-0.169
rs75352249	A	0.0272
rs6783721	T	0.0287
rs13071462	C	-0.0182
rs17034765	T	-0.0478
rs137909131	G	-0.096
rs112131612	T	0.0643
rs12491987	T	0.0427
rs75740746	T	0.1218
rs6808750	G	-0.0179
rs114452734	G	-0.1539
rs74839185	C	-0.0504
rs4393871	T	0.0219
rs7630650	T	-0.0213
rs73039703	G	0.0761
rs78008228	T	-0.082
rs116055215	G	-0.1405
rs35228125	A	-0.0178
rs9851897	C	-0.0309
rs150594815	T	0.08
rs116535222	T	-0.0959
rs4677809	C	-0.0204
rs13064158	G	0.0224
rs140491427	C	-0.0721
rs6442790	A	-0.0195
rs4687301	T	-0.0332
rs41380744	G	-0.0728
rs149198439	C	0.1096
rs17734184	G	-0.0253
rs62282423	G	0.0999
rs34322765	T	-0.0961
rs35760758	G	-0.035
rs114300800	A	-0.1069
rs6549431	A	-0.0347
rs62276234	T	0.0536
rs79502143	A	0.065
rs4431608	G	0.1097
rs62242806	C	0.0471
rs17807531	C	-0.0337
rs73858413	A	-0.0334
rs75004845	T	-0.1249
rs4856681	A	-0.0744
rs9842024	A	-0.0339
rs56889675	G	-0.0274
rs13321577	T	-0.0186
rs115806593	T	0.0797
rs62278926	T	0.0191

rs76983141	C	0.0809
rs28569266	T	0.033
rs75559589	T	-0.0474
rs6773857	T	0.0454
rs16829102	C	0.0348
rs719775	T	0.0228
rs78452316	G	0.093
rs73163839	T	0.0672
rs62281933	A	-0.066
rs16833234	T	-0.0241
rs74700678	T	0.0727
rs17200503	T	0.0666
rs73174347	C	0.0288
rs6784363	G	0.0183
rs7618485	C	0.0554
rs77499851	T	-0.1013
rs139008567	T	-0.0976
rs992844	C	0.0199
rs145290654	A	0.1092
rs59231345	T	-0.0342
rs59511233	G	0.0305
rs72624879	C	0.043
rs73149969	C	-0.0956
rs113714999	G	0.0883
rs62233870	C	-0.1014
rs114839533	G	0.1634
rs13068339	T	0.0184
rs73238856	C	-0.0274
rs116356943	A	0.0966
rs140612159	A	0.072
rs112150943	G	0.1069
rs9869341	G	-0.0181
rs9881656	C	0.0228
rs7639794	C	0.0181
rs142764252	C	0.1058
rs59219532	T	-0.0645
rs71310560	G	-0.0725
rs67649290	A	0.1252
rs148515221	T	-0.1898
rs6797518	T	-0.0256
rs141269676	C	-0.1627
rs4955867	C	0.0235
rs9849387	A	-0.0199
rs163469	A	-0.0182
rs73099883	G	-0.0886
rs4681624	A	0.0181
rs139890615	G	0.1097

rs140791381	C	0.0749
rs2887961	T	0.0186
rs79150283	T	0.0373
rs17061302	G	-0.0592
rs77997898	C	-0.0428
rs2634111	G	-0.0759
rs114445681	A	-0.0751
rs7624325	T	-0.1353
rs79892952	G	0.1377
rs793298	T	-0.0283
rs114921308	G	-0.0678
rs10511193	T	0.0375
rs114996702	T	0.108
rs2569944	C	-0.0182
rs115494841	T	0.122
rs73153271	G	0.1363
rs112004568	G	-0.1108
rs7429362	G	-0.0289
rs145711121	A	0.1053
rs116327242	C	-0.0544
rs11714577	A	-0.0317
rs9866044	C	-0.0811
rs79187427	G	0.0709
rs7640061	A	-0.0322
rs79992044	T	-0.0971
rs114276596	T	-0.1791
rs79319818	T	0.0871
rs4478056	T	-0.0532
rs76998319	G	0.0601
rs16888	C	-0.0188
rs75975944	A	0.0394
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rs9857590	C	0.0785
rs6804527	C	-0.0204
rs17068286	G	0.0632
rs73104113	T	-0.027
rs10934066	A	0.0243
rs9848900	G	0.0198
rs112578364	A	0.0627
rs2862805	C	-0.0249
rs141902157	G	0.0679
rs56177825	A	-0.0539
rs4508741	T	0.0781
rs149555448	T	0.0669
rs34431729	G	-0.1213
rs10511162	C	-0.0303
rs2177298	G	-0.0177

rs12630921	G	0.0184
rs62254528	A	0.0862
rs73125942	A	-0.0832
rs7619728	T	0.0409
rs75874426	G	0.1165
rs71324613	A	0.0769
rs9832075	T	0.0291
rs140423875	A	0.0978
rs12635649	A	0.0203
rs115700017	A	0.0663
rs6801640	C	-0.0269
rs16863390	C	0.0882
rs1499626	G	-0.0259
rs9883288	A	-0.0356
rs9851131	G	0.0908
rs7430785	A	-0.0195
rs340298	A	-0.0331
rs58175598	C	-0.0431
rs115530719	G	0.0923
rs143023208	T	0.0379
rs1038828	G	0.0195
rs6799146	C	0.0242
rs143732198	A	-0.0999
rs143748949	G	-0.0997
rs114522993	A	-0.0724
rs78825283	A	-0.0715
rs77866941	T	-0.0947
rs150740149	G	0.0583
rs772904	T	0.0593
rs73066088	A	-0.0317
rs115365864	C	-0.0779
rs148214971	C	0.0836
rs147721442	C	-0.0902
rs9862745	T	0.0269
rs76486833	A	0.0865
rs141235065	T	-0.1401
rs76990202	A	0.0777
rs4679393	T	-0.019
rs12491608	T	0.0336
rs147302846	A	-0.0837
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rs7613691	G	-0.0367
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rs9852850	A	0.0182
rs73207258	T	0.0534
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rs34318769	T	-0.0292

rs149086678	T	-0.077
rs808887	T	0.0243
rs143772853	G	-0.1006
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rs7617620	C	0.0192
rs116456017	A	0.1055
rs73057530	C	0.0378
rs73118209	C	0.026
rs1880666	T	-0.0241
rs1145133	A	-0.019
rs113249344	T	-0.1274
rs144928561	T	0.1707
rs75698572	G	-0.0489
rs62261240	G	-0.0414
rs6771393	T	-0.0258
rs6443183	C	-0.0231
rs114528255	T	-0.1243
rs115427393	A	0.0835
rs17200418	T	0.0286
rs78555585	G	0.0973
rs1154352	A	-0.0204
rs12487562	C	0.0198
rs61045247	G	-0.0237
rs147866258	A	0.0791
rs113146162	A	-0.0263
rs56390388	T	-0.0363
rs73186274	A	-0.0583
rs78110506	T	-0.067
rs6802119	C	-0.0209
rs111837653	T	-0.0493
rs13316722	A	0.0554
rs77584659	C	0.0348
rs114170084	T	0.0921
rs5012306	C	-0.0241
rs2933293	A	0.019
rs75787223	A	0.056
rs114161027	T	-0.0709
rs1195354	G	0.0264
rs144250644	C	-0.0698
rs141760472	T	0.1391
rs1370807	T	-0.0198
rs73190535	G	0.0737
rs73043824	A	-0.1116
rs6802103	T	-0.0222
rs28377166	T	-0.0178
rs12490823	T	0.0194
rs62251632	C	0.0485

rs2466367	T	-0.02
rs7618000	T	0.0735
rs11128329	T	-0.0268
rs116314079	T	0.0713
rs78229792	A	-0.0595
rs3755784	T	-0.018
rs149298961	G	-0.0823
rs13070749	A	0.0679
rs114594532	G	-0.0558
rs79720404	T	-0.0602
rs6771976	C	-0.0211
rs35838222	C	-0.0485
rs142245870	C	0.0445
rs115345454	C	-0.0884
rs75237561	G	-0.1124
rs78523115	G	-0.044
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rs4858856	G	0.0184
rs62275048	T	-0.032
rs111314352	A	-0.0966
rs1426268	C	-0.0522
rs4688384	C	0.019
rs112579309	A	0.0893
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rs2043172	C	-0.0201
rs115565242	A	0.0503
rs75172644	G	0.0577
rs16833059	A	0.0894
rs62232724	G	0.1106
rs11714779	A	-0.0514
rs142962560	A	0.0779
rs138304930	A	0.0729
rs9848225	C	-0.0948
rs9845292	A	0.0235
rs17017332	G	0.0195
rs60509885	A	-0.075
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rs7648184	A	-0.0242
rs355091	A	-0.0203
rs11927566	G	-0.0286
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rs115697668	C	-0.1117
rs6776639	T	-0.0728
rs80002357	A	0.0463
rs11716652	T	0.0333
rs7639915	T	0.0405
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rs78253573	A	0.0491
rs9846537	G	0.0787
rs78870998	C	-0.0347
rs148674854	C	-0.1019
rs80259846	A	-0.0287
rs147300463	A	-0.0829
rs74827276	C	-0.031
rs140617877	T	-0.0959
rs74714043	A	0.0414
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rs13100619	C	-0.0475
rs2937667	C	0.0197
rs79391931	G	0.0919
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rs62281888	T	0.0712
rs79739277	T	0.0632
rs4686007	G	-0.022
rs55991482	A	-0.0331
rs74980488	T	0.0627
rs35516940	G	0.0183
rs113226979	G	0.0583
rs7634161	C	0.0508
rs61224739	A	-0.0235
rs76879083	A	-0.0715
rs57625566	T	-0.065
rs4989600	T	-0.0254
rs9867896	A	-0.0185
rs13065105	T	0.0618
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rs116071321	G	0.082
rs11129334	T	0.0189
rs7646323	G	0.0331
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rs6807272	T	-0.0217
rs115755006	A	-0.0768
rs112853131	C	-0.1504
rs11718656	C	0.022
rs922939	C	0.0186
rs74663623	A	-0.0767
rs9823333	T	0.0193
rs6809232	G	-0.0219

rs116096620	C	0.0543
rs79300081	A	-0.0525
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rs79392008	A	-0.0595
rs35952860	T	-0.0237
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rs148108928	A	0.101
rs11709095	A	0.0472
rs9840529	C	0.0197
rs62254553	C	-0.0727
rs116224712	C	0.0336
rs1525907	T	-0.0205
rs66470677	A	-0.0959
rs150803229	A	-0.0525
rs149027411	G	0.0444
rs139286069	T	0.1137
rs115893269	G	0.1116
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rs34967585	C	-0.0684
rs16850685	T	-0.0294
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rs78561610	A	-0.0579
rs145543541	G	-0.0945
rs35972249	A	0.0592
rs16829751	A	-0.1496
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rs55648835	G	-0.0227
rs1879784	A	-0.0174
rs77420664	G	0.0565
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rs112331282	A	0.0403
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rs6782275	C	-0.0214
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rs139641211	T	-0.0655
rs936030	C	0.0241
rs79355580	G	0.0378
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rs4058489	A	0.0695

rs139171320	T	0.0891
rs4608738	C	-0.0192
rs76928788	A	-0.118
rs485395	T	0.0569
rs10154918	G	-0.019
rs77265432	C	-0.0399
rs79138126	G	-0.0963
rs9832895	T	0.0181
rs1105359	T	0.0216
rs6801947	C	0.0683
rs78906135	G	0.0489
rs140476751	G	0.0559
rs73035842	C	-0.0423
rs11720041	T	0.0245
rs62260961	A	-0.0414
rs79677314	T	-0.0739
rs147227930	A	-0.1311
rs144329748	A	-0.1102
rs55764448	T	-0.0234
rs73026435	C	0.0975
rs7653671	A	0.0403
rs9873606	G	0.0236
rs6792262	G	0.0575
rs2461613	A	-0.0223
rs60277726	T	-0.0374
rs148790587	C	0.1057
rs9882545	G	-0.1082
rs72928498	A	0.0384
rs7646320	A	-0.0572
rs140761371	A	-0.0935
rs115763240	T	-0.098
rs73110408	G	-0.161
rs13065639	G	0.0641
rs7650946	A	0.0221
rs145269153	A	0.0887
rs62230485	T	0.066
rs113019214	A	-0.0994
rs73094641	A	-0.0453
rs55832201	T	0.0274
rs3116549	T	0.021
rs1812652	A	0.0336
rs113920520	T	-0.041
rs2200233	C	0.0233
rs73160194	T	-0.0731
rs113663906	C	0.0329
rs12492706	T	0.1378
rs150302038	G	0.1237

rs9830523	C	-0.0518
rs56151962	C	0.0494
rs13086855	T	-0.0238
rs4686762	C	0.0214
rs4012249	A	0.0182
rs2005184	G	0.0195
rs3732909	C	-0.0414
rs77159779	G	0.0714
rs73105339	T	0.0793
rs113164183	C	-0.0452
rs145604495	A	-0.0664
rs6781211	G	0.0413
rs150868988	C	0.0733
rs114248155	G	0.1158
rs74482203	C	0.0991
rs3867380	G	-0.0197
rs116267566	G	0.119
rs79302089	T	-0.1208
rs73174345	G	-0.0363
rs74814345	A	0.0529
rs1495364	A	-0.0173
rs75870922	A	-0.0761
rs1362959	C	0.0259
rs142793717	C	0.0764
rs56310584	G	0.0762
rs28713505	A	0.034
rs7641521	T	0.0192
rs62284994	A	0.043
rs4470496	T	-0.0391
rs148471600	T	-0.082
rs36096720	A	-0.0775
rs17245086	A	-0.0195
rs17756079	G	0.1072
rs114812824	G	0.0904
rs11918713	A	0.0896
rs12491957	T	0.0467
rs2708309	T	-0.0193
rs16863501	C	0.0201
rs9819421	C	0.024
rs62270321	C	-0.0261
rs55877951	A	0.1054
rs115056875	T	0.0826
rs390151	T	0.0194
rs6800278	G	0.0213
rs115005013	C	-0.1027
rs524772	G	-0.0605
rs79423178	T	0.0413

rs7615767	G	-0.0252
rs149071552	G	0.1046
rs17195470	A	0.0468
rs79464363	G	-0.0602
rs718451	T	-0.0198
rs150264635	T	0.0924
rs62275111	C	-0.0312
rs7629505	A	-0.0189
rs78692972	C	0.1186
rs143515510	T	-0.0894
rs73054265	C	-0.0194
rs150468541	G	0.1352
rs4955714	G	0.0415
rs73059296	G	0.0535
rs149501796	G	-0.0843
rs266732	T	-0.0605
rs78331405	A	-0.1278
rs148030177	A	-0.1128
rs78489084	A	-0.0865
rs147076680	T	0.1466
rs141167217	A	-0.093
rs149616715	T	0.0867
rs755066	A	0.0183
rs62263341	G	-0.0593
rs140897025	G	-0.0818
rs1873077	C	0.0223
rs116456130	C	0.0734
rs112373756	T	-0.1485
rs80081808	C	0.0976
rs62273205	C	-0.0253
rs62265382	C	-0.1366
rs9862376	T	0.12
rs35744784	A	-0.0443
rs11920349	A	0.0492
rs13061321	G	0.0209
rs139661145	T	-0.1403
rs62234562	A	-0.1234
rs3936110	G	-0.024
rs28659972	A	0.0658
rs111789943	T	0.0833
rs7613139	T	-0.0266
rs79102210	T	-0.0408
rs62238309	T	-0.0174
rs1553309	G	0.0173
rs73111355	A	-0.0499
rs6789965	A	0.0712
rs11718524	C	0.0756

rs115388973	C	0.0642
rs9815931	A	-0.0182
rs79075526	A	-0.1284
rs73100528	T	0.031
rs1908324	T	0.0193
rs149336143	A	0.0948
rs73008633	A	0.0656
rs60207050	A	-0.0909
rs150066664	T	0.0672
rs79435363	C	-0.0777
rs34488868	A	0.073
rs76298913	A	0.1112
rs2461807	G	0.0468
rs146267620	C	0.1103
rs213358	T	0.0308
rs2653317	G	-0.0359
rs78065923	C	0.0388
rs62244051	G	0.0882
rs116370741	T	0.077
rs73178166	A	0.0829
rs2306879	G	0.019
rs9861301	G	-0.065
rs4685713	C	-0.0239
rs2730350	C	0.019
rs79264518	A	-0.0703
rs78524752	A	-0.0584
rs74745679	C	0.0264
rs9863207	A	0.0245
rs3755768	A	0.0289
rs149530731	A	-0.1505
rs78278382	C	0.0779
rs62255683	A	0.0804
rs75383699	T	0.1223
rs8177325	C	-0.0949
rs17035509	A	0.0294
rs12636868	T	0.0179
rs80273873	C	-0.127
rs57591288	C	0.0207
rs113719672	A	-0.0919
rs745939	G	-0.0769
rs73040220	G	-0.104
rs17777828	G	-0.0369
rs76667849	T	0.0844
rs9847000	G	-0.0191
rs2399118	A	-0.0547
rs76481129	C	-0.0901
rs1347059	C	0.0359

rs9865774	G	-0.0191
rs17273013	T	-0.1129
rs2242494	A	0.0306
rs115894449	T	-0.0687
rs77021151	A	-0.0682
rs596828	G	0.1344
rs115686967	T	-0.0934
rs701109	T	-0.0182
rs4688266	C	0.0209
rs151178105	T	0.0515
rs139923004	T	-0.0768
rs144504429	T	0.0889
rs79833176	A	0.0432
rs149725220	T	-0.0862
rs79814304	A	-0.0409
rs9812948	C	0.0176
rs1512902	T	0.0248
rs61286411	C	0.0239
rs78433190	A	0.0761
rs1390084	G	0.0213
rs4679593	A	0.0186
rs9870116	C	-0.0464
rs11923571	T	-0.018
rs140430605	G	-0.1128
rs1967220	A	0.0407
rs13315070	T	0.1046
rs213305	T	0.0361
rs34259319	A	-0.0395
rs77449426	A	-0.0588
rs112738626	A	-0.0197
rs74196451	G	0.0488
rs140044176	A	-0.0734
rs12493413	A	-0.0196
rs145161122	T	-0.0772
rs116256340	T	-0.0465
rs9863869	A	-0.0488
rs73879051	C	-0.0635
rs146159581	C	0.0461
rs794202	A	-0.0172
rs116011193	C	0.144
rs111471490	T	-0.0923
rs145761688	A	-0.1125
rs144989003	G	0.0818
rs35725699	A	0.0931
rs75116972	G	-0.1345
rs2271386	A	-0.0234
rs10936701	T	0.0314

rs4347959	G	0.0283
rs1026775	T	0.0174
rs113093117	T	0.085
rs114873194	C	0.1132
rs17259117	A	0.037
rs142822678	A	0.0982
rs727212	A	0.0212
rs2677244	A	0.0235
rs13066480	A	-0.0507
rs11707918	C	0.0221
rs115842578	A	-0.0909
rs116702229	G	0.0473
rs114133157	T	0.031
rs116009468	A	-0.0706
rs6786400	C	0.0214
rs7633164	A	-0.0269
rs170836	T	-0.0182
rs9820385	A	0.0204
rs9811308	A	-0.0202
rs504414	G	0.0246
rs4280618	C	0.0209
rs6802854	A	0.0218
rs9864892	T	-0.0347
rs142116093	G	0.1267
rs1201296	G	-0.0169
rs13064967	T	0.0919
rs262806	T	-0.0194
rs76647408	T	0.0868
rs114397936	G	-0.0703
rs77014913	G	-0.099
rs145044895	A	-0.057
rs116108524	G	0.1308
rs145760243	C	-0.0788
rs80287752	C	0.1085
rs62243935	A	0.0378
rs140789447	T	-0.0879
rs75644697	T	-0.0687
rs62257194	A	-0.0871
rs74433221	C	0.0691
rs13085258	T	0.0197
rs112755642	A	-0.0847
rs147879868	C	-0.0837
rs79184435	T	-0.0709
rs115679341	T	-0.1207
rs6804119	T	0.0505
rs61629686	A	0.0319
rs9830572	T	0.0258

rs113654239	C	0.1057
rs6800131	G	0.0239
rs12633893	G	-0.0385
rs9870102	C	0.0265
rs34605596	G	-0.0689
rs114905716	C	0.107
rs75704261	A	-0.0588
rs114019898	C	0.0959
rs76287450	T	0.1516
rs34440282	T	-0.0192
rs6772443	G	0.0309
rs73069549	C	0.0309
rs4024134	C	-0.0323
rs142060044	A	0.0998
rs73101631	A	-0.0405
rs79991185	C	-0.0533
rs62247959	T	-0.0477
rs79152648	T	-0.0632
rs269380	A	0.0298
rs140945523	A	-0.1139
rs62271979	A	0.0293
rs4680276	A	0.0259
rs2082224	A	0.0202
rs77087792	T	0.0699
rs4857302	A	0.0168
rs156262	A	-0.0641
rs139230563	A	-0.0565
rs76021676	T	0.1247
rs1374771	A	-0.0354
rs62287318	A	0.085
rs6782447	A	-0.0255
rs34569458	G	-0.0274
rs79375470	T	0.0706
rs28827588	T	-0.0466
rs9823973	G	-0.023
rs115291099	T	0.0898
rs114496946	C	0.0846
rs13085157	G	-0.0238
rs17077267	T	0.0256
rs6805053	A	-0.0418
rs144933728	C	0.0945
rs56082428	C	-0.035
rs113169096	T	-0.0605
rs2323169	A	0.0195
rs76604555	A	0.0282
rs13095213	C	0.0362
rs1972968	T	0.0267

rs17231705	A	-0.0282
rs71306770	T	0.061
rs709448	G	-0.044
rs28768428	T	-0.116
rs535686	C	0.0453
rs11128517	T	0.0326
rs530922	A	0.0227
rs13082319	A	-0.0467
rs9822093	T	0.0386
rs6437452	C	0.0284
rs4591529	G	-0.0615
rs11718773	G	-0.026
rs1158454	C	0.0218
rs2363981	A	0.0176
rs13098920	A	-0.109
rs11925026	G	0.079
rs2642375	C	0.0208
rs536510	T	0.035
rs6768161	A	-0.0289
rs115585583	A	-0.1082
rs76332694	A	0.0575
rs635787	A	-0.0184
rs142445939	G	0.0786
rs75153161	G	0.0664
rs13434036	T	0.0441
rs113889556	T	-0.0511
rs75685405	T	-0.0237
rs140036940	G	-0.0935
rs62254928	C	0.0747
rs76405079	C	0.0298
rs3732908	C	0.0372
rs115041550	T	-0.1067
rs9847255	T	-0.0179
rs247412	G	0.0204
rs149108789	T	-0.089
rs1355571	T	-0.0745
rs259461	G	-0.0185
rs75816802	T	0.1001
rs41276485	C	0.0266
rs1469570	C	-0.0723
rs114232165	C	0.0373
rs73024433	T	-0.0671
rs142281013	G	-0.1011
rs4683691	A	-0.0171
rs1193517	T	-0.0501
rs62228584	T	0.0313
rs143396396	A	0.0968

rs75169289	A	0.0806
rs73180435	G	-0.0816
rs10865789	G	-0.0441
rs72957873	T	0.0594
rs150590045	C	0.1151
rs35146724	C	-0.1317
rs7635333	A	-0.021
rs145658144	A	0.0896
rs11708096	G	-0.0176
rs174653	T	0.0303
rs10513780	T	0.0264
rs56144003	T	-0.057
rs115310227	T	0.0773
rs76279402	A	0.0699
rs74674764	A	-0.032
rs17606712	C	0.0614
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rs10428125	C	-0.018
rs78532171	T	0.0441
rs939892	T	0.0285
rs56130228	C	-0.0637
rs115996780	G	-0.0858
rs62287823	A	-0.0449
rs78434909	A	0.0782
rs17041507	C	0.0885
rs4608636	T	0.0511
rs148539361	C	0.1385
rs9836145	A	0.0767
rs6795614	C	-0.0314
rs116564469	T	0.0721
rs115248708	C	0.1023
rs73153726	A	-0.1348
rs113717160	C	-0.0842
rs12486183	G	-0.0213
rs150815341	G	0.0693
rs76312425	C	0.1745
rs143927388	A	-0.1946
rs59611359	A	-0.0388
rs1032304	C	-0.017
rs11711637	G	-0.0204
rs4273345	G	-0.0359
rs73104689	G	-0.0642
rs79808844	T	-0.0885
rs2320376	A	0.0186
rs9854898	T	-0.1415
rs6808554	T	0.046

rs2137597	T	0.0287
rs76318622	A	-0.0406
rs76910778	T	-0.0577
rs13096775	C	-0.0444
rs77536115	A	-0.1463
rs951114	G	0.0167
rs12486061	G	-0.052
rs2276737	G	0.0174
rs13082218	T	-0.1212
rs115178675	G	0.1246
rs3846061	C	-0.0653
rs35108414	A	0.0451
rs74714235	A	-0.0735
rs73186478	T	0.078
rs74712762	T	0.0714
rs33450	T	-0.1044
rs147884767	T	0.0767
rs149681855	A	0.1108
rs7647903	A	0.0214
rs1435209	T	0.0378
rs17500781	C	0.0879
rs17050210	T	0.018
rs277651	G	0.0415
rs9842389	A	-0.0185
rs11717759	G	-0.0933
rs35026322	G	0.0494
rs34004789	A	0.0276
rs2327896	G	-0.0405
rs7650009	A	0.0173
rs62257516	A	-0.1119
rs76611117	A	0.0742
rs4678910	G	-0.0178
rs893977	C	0.0188
rs13094512	G	-0.0238
rs115869055	G	0.0737
rs55825764	T	-0.049
rs77230224	C	0.0581
rs1710028	G	-0.02
rs115307627	G	-0.0346
rs356423	T	0.0671
rs148875449	A	0.1513
rs114327077	T	0.0753
rs114501281	A	0.0621
rs1799390	T	-0.0214
rs73218217	A	0.0786
rs76547298	G	-0.0494
rs62238646	G	-0.1024

rs138978150	T	-0.1471
rs113404820	A	-0.0704
rs4831117	A	0.0201
rs6780684	T	-0.0172
rs893294	T	-0.0195
rs62279612	C	-0.0377
rs62293048	T	-0.0236
rs115219530	A	0.0394
rs1495888	A	0.0225
rs115475243	A	0.0317
rs62280812	A	0.063
rs4683628	T	-0.0207
rs2042713	C	-0.0181
rs140905618	A	-0.0391
rs74381694	G	-0.0721
rs12637967	G	-0.0293
rs77564805	C	-0.0631
rs7610107	A	-0.0271
rs75387644	C	0.1046
rs4974444	G	-0.0271
rs4431086	G	-0.0333
rs9856284	A	0.0372
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rs7617945	C	0.0224
rs6795556	T	0.0208
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rs115243280	C	-0.1104
rs141652734	C	-0.078
rs62256368	G	0.0261
rs17236979	G	-0.0657
rs13078086	G	0.0229
rs77050360	C	-0.0822
rs35256087	G	0.0489
rs12489228	G	-0.0455
rs73050203	A	0.0666
rs79363700	T	0.0548
rs9311745	C	0.0435
rs9837853	A	0.02
rs12714592	C	-0.0189
rs1355685	A	-0.017
rs57877925	T	0.0386
rs1873179	A	0.0294
rs4688221	C	-0.045
rs148134520	G	0.0441
rs116042525	T	-0.0622
rs77009607	T	-0.055
rs7642418	T	0.0437

rs72863994	G	-0.1048
rs231979	T	-0.0249
rs13092263	A	-0.0476
rs77502006	T	-0.0311
rs77891096	C	0.0463
rs3846050	T	-0.038
rs151321866	T	-0.0674
rs7619699	G	0.0216
rs2087603	G	0.0258
rs73020271	C	0.0174
rs112782162	G	0.0962
rs74954805	G	-0.0381
rs78312719	A	-0.0607
rs79401842	A	0.0499
rs1845640	A	0.0219
rs74814856	A	-0.0505
rs114536705	T	-0.0712
rs75713399	T	0.079
rs6808867	G	-0.028
rs77040122	A	-0.1227
rs76866456	G	-0.0958
rs9814412	T	0.0194
rs73184369	T	0.046
rs80311210	C	-0.0199
rs2630236	A	0.0254
rs1167252	T	-0.0191
rs116467803	A	0.0588
rs6774123	T	-0.0173
rs140275658	T	-0.0798
rs3796161	T	-0.0471
rs77761372	G	-0.072
rs9834960	A	-0.0184
rs6445918	T	0.0204
rs74994159	C	-0.1526
rs7648378	A	-0.0251
rs35430217	G	-0.0274
rs73151983	A	-0.0461
rs6802152	C	0.0185
rs141718886	G	0.107
rs115943776	A	0.051
rs75200133	T	0.0746
rs114331674	A	-0.1379
rs60191631	A	-0.0296
rs73231609	T	-0.0177
rs114348008	C	0.0844
rs7648704	G	0.0181
rs13077328	G	0.023

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rs9842135	A	-0.0185
rs111733986	A	-0.0798
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rs73082091	A	-0.027
rs9836249	G	0.0419
rs11918743	A	-0.0176
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rs34916750	G	-0.0512
rs76207641	T	-0.0249
rs151009442	T	0.1237
rs78051678	A	-0.0613
rs74929314	C	0.0619
rs78184114	A	-0.0651
rs895075	G	-0.0245
rs55861407	T	-0.0328
rs35395448	T	0.0361
rs11926963	T	-0.0225
rs35819415	A	-0.0432
rs938922	A	-0.0168
rs9839401	T	-0.0266
rs115900535	G	0.1048
rs2063640	A	-0.0297
rs5023601	A	-0.104
rs3851384	A	0.0347
rs332455	A	0.0669
rs6791080	T	-0.0179
rs4640498	T	0.0777
rs56103847	T	0.0381
rs2222795	A	0.0184
rs77156057	A	-0.0798
rs9810845	T	-0.0172
rs360830	T	-0.029
rs9812742	A	0.0179
rs17040710	G	0.0654
rs75596138	T	0.0567
rs17706836	T	0.0356
rs79754219	T	0.0941
rs115538881	A	0.0503
rs826423	A	-0.0178
rs137926842	C	-0.1406
rs7634533	A	0.0177
rs73233837	A	0.0261
rs77483261	G	-0.0903
rs1450342	A	-0.0244

rs2565610	A	0.0183
rs76303214	C	0.0292
rs11707334	T	-0.0306
rs7431223	T	-0.0237
rs1169534	A	0.0206
rs9872721	G	0.0336
rs116290266	T	0.0501
rs76508111	C	-0.0436
rs74983930	T	0.067
rs55755764	T	0.0422
rs1516570	A	0.0206
rs6768492	G	0.0901
rs11714960	G	-0.0179
rs115605156	C	-0.0446
rs58793706	G	-0.0262
rs1495903	A	0.0722
rs6773564	G	-0.0174
rs80246216	G	-0.0285
rs115558631	A	-0.0306
rs35247476	A	-0.0448
rs75242561	T	-0.0535
rs293603	C	0.1212
rs74549072	T	0.0811
rs148878163	A	0.0666
rs4358295	T	0.0221
rs9821907	C	-0.031
rs115092550	C	0.0726
rs35509918	G	0.0722
rs2600049	T	-0.0234
rs9310683	G	0.0182
rs75014354	C	0.029
rs112434070	A	-0.0599
rs2290194	T	-0.021
rs1565594	C	-0.0166
rs77506262	A	-0.0456
rs75606910	G	0.0611
rs2167036	A	0.1341
rs139381324	C	0.0623
rs77722857	A	-0.1098
rs13088562	C	0.0235
rs59298747	G	-0.0237
rs75713014	C	-0.1553
rs151609	A	0.0177
rs147864064	A	0.0989
rs6444767	T	-0.0248
rs1032671	G	-0.0166
rs41283996	A	0.037

rs1513297	G	0.0298
rs144993718	T	-0.0577
rs74360022	T	0.0851
rs77309900	A	0.0652
rs6806089	A	0.0169
rs6784175	C	0.0214
rs445938	G	0.0172
rs73859194	C	0.0669
rs76568618	T	-0.0566
rs16845008	C	0.0232
rs77987320	T	0.0662
rs73125607	T	0.0675
rs56296254	A	0.0893
rs35065127	G	0.0297
rs76933575	A	0.0467
rs9311779	T	-0.0171
rs1532593	G	0.0195
rs7646637	A	-0.0396
rs56060538	T	0.0805
rs74869494	T	0.0441
rs6796067	G	0.0709
rs9841945	T	0.0176
rs9847221	C	0.0167
rs77008315	G	0.0795
rs13079464	C	0.0184
rs112991001	G	-0.1062
rs13095949	C	-0.0314
rs116012596	C	-0.1166
rs7636518	C	0.0183
rs11571863	C	0.0266
rs55725165	T	0.0175
rs71301894	G	-0.0816
rs56393413	G	0.0215
rs3749260	A	-0.0267
rs78445218	G	0.0608
rs755202	G	-0.0689
rs78297673	C	-0.036
rs167140	A	0.0242
rs73216682	T	0.0293
rs59885053	T	0.073
rs11707113	A	0.0228
rs142339610	A	0.148
rs80330208	A	-0.0724
rs139539926	T	-0.1077
rs711718	C	-0.017
rs73131496	A	0.051
rs7639579	T	0.0271

rs6768672	G	-0.0215
rs13081184	A	-0.019
rs146120664	G	0.1073
rs139710544	A	-0.0587
rs17010728	T	-0.0244
rs12493456	G	0.0343
rs9872675	T	0.0274
rs6778128	A	0.0793
rs114829982	A	0.0411
rs73063961	G	-0.0833
rs140218513	T	0.0524
rs9870821	C	-0.0191
rs6548756	C	0.022
rs7628249	G	-0.0195
rs76999295	C	0.0937
rs116045427	C	0.0909
rs1995665	C	-0.0248
rs2322420	T	0.108
rs4246670	T	0.0246
rs73857777	T	0.0865
rs4683805	T	0.0185
rs77720903	G	0.039
rs79367696	A	0.0352
rs4677758	T	0.0213
rs59499323	A	0.0206
rs115330301	A	0.0708
rs74809533	G	-0.0346
rs146464058	A	0.0921
rs1711079	A	0.0293
rs16832753	T	-0.1488
rs4858339	G	0.018
rs114397673	C	-0.0805
rs76036670	T	-0.0333
rs13072477	C	-0.0188
rs75952724	T	-0.102
rs146492840	G	-0.095
rs7431832	A	0.0197
rs73099117	C	0.0577
rs73110476	T	0.0506
rs115781473	G	-0.0942
rs143093087	A	-0.1124
rs2036428	T	-0.0209
rs12497559	C	0.0265
rs9857084	G	-0.0203
rs6789787	G	-0.0249
rs147057858	C	-0.0934
rs2648630	G	0.0171

rs9310999	A	0.0192
rs77827932	G	-0.0474
rs4274731	A	0.0303
rs7638413	A	0.0219
rs150874014	G	-0.0525
rs13100343	T	0.0231
rs78231629	A	0.063
rs9832940	T	0.0199
rs34973632	T	-0.0191
rs76127220	G	-0.1202
rs58073255	A	-0.0225
rs13067016	A	0.053
rs6796880	G	0.0178
rs6443370	A	0.0251
rs115453808	T	-0.0621
rs115457429	G	0.0865
rs11714093	G	-0.1445
rs76730429	G	0.0627
rs77989862	A	0.0244
rs73205386	G	-0.0224
rs112313169	G	-0.1014
rs13324412	T	0.0337
rs116623643	T	-0.0517
rs7373890	T	0.0276
rs17182659	T	0.0457
rs17025795	T	0.0372
rs111833465	C	0.1396
rs72881630	A	0.1252
rs75777379	T	0.0628
rs1024852	C	-0.0182
rs297368	A	0.0365
rs150964209	C	0.1028
rs1580572	T	-0.0198
rs78394925	G	-0.0514
rs12496946	A	0.0165
rs62255251	A	-0.0871
rs62276624	G	0.0615
rs73024230	A	-0.0782
rs41389051	A	-0.0281
rs12054307	C	0.0432
rs78731672	A	0.0912
rs9858049	T	0.0257
rs116453362	G	-0.1368
rs6786581	G	0.0182
rs13074942	T	-0.0183
rs78788133	T	0.0688
rs76788668	A	0.0418

rs115333410	T	0.1144
rs62242183	A	0.0283
rs860562	G	-0.0231
rs4955214	A	-0.0482
rs107342	A	-0.0315
rs73151462	A	0.0668
rs1456133	G	0.0176
rs409152	T	0.0591
rs78083599	G	0.0312
rs114837926	G	0.0855
rs62249240	T	0.0753
rs11716867	T	0.0181
rs144249579	T	0.0818
rs6795711	G	0.0452
rs147768063	A	0.1289
rs111553982	T	0.0513
rs6445029	G	-0.0167
rs9878028	C	0.0878
rs9843942	A	-0.0184
rs753698	C	-0.0719
rs115185358	T	0.0788
rs34867216	G	-0.0171
rs294460	T	0.0628
rs146916751	T	0.0865
rs114608506	T	-0.0948
rs1994909	T	-0.0339
rs76260728	C	0.0705
rs57251581	C	-0.0606
rs343321	A	-0.0293
rs35590369	A	0.0231
rs13099035	C	-0.0518
rs1812417	G	0.0167
rs9878528	C	0.033
rs72980612	C	-0.0386
rs59623261	T	0.0317
rs60422318	C	-0.03
rs73832528	A	0.0867
rs7430737	C	-0.0887
rs6767250	T	-0.0276
rs73146550	C	-0.0715
rs6769326	T	0.0253
rs114313617	G	-0.1034
rs11720885	A	-0.0548
rs7617394	T	-0.0232
rs148200370	T	-0.1417
rs4855656	A	-0.1371
rs34837013	C	0.0219

rs74936063	G	-0.0566
rs78362371	C	-0.0407
rs73045437	A	0.0524
rs669354	G	-0.0241
rs115073064	C	0.0659
rs138919782	C	0.084
rs13066926	T	-0.046
rs2121724	T	-0.017
rs485118	A	0.0416
rs62249273	C	0.0221
rs995830	A	-0.0919
rs6766627	T	-0.0174
rs113541025	G	-0.0519
rs71621122	C	0.0243
rs57006157	G	-0.0402
rs142002902	T	0.0849
rs2431	G	-0.0423
rs414657	C	0.0206
rs9832681	G	0.0231
rs1461824	G	0.0177
rs141909071	C	0.0813
rs138674962	T	0.0759
rs62265231	T	0.0322
rs75793140	G	-0.023
rs7611391	T	-0.0226
rs34364196	G	-0.0297
rs35348074	C	-0.0348
rs139439348	A	0.1161
rs28708630	C	-0.0953
rs7613093	A	0.0475
rs11129480	G	0.0411
rs112206659	G	0.0833
rs55978704	C	-0.0426
rs116914791	G	0.066
rs13340122	T	-0.0372
rs2568870	C	-0.03
rs4685989	C	-0.0246
rs116355948	G	0.0762
rs832040	G	0.0203
rs2306211	A	-0.0736
rs6776536	T	0.0275
rs75695541	A	-0.058
rs12494815	T	0.0514
rs111778894	A	-0.0966
rs75273700	T	-0.0482
rs73160976	G	-0.0595
rs77143021	A	0.0705

rs138286734	A	0.1136
rs12632718	A	-0.0259
rs9851547	G	-0.0242
rs140204807	C	-0.12
rs116000514	C	-0.1331
rs75817202	C	-0.0723
rs17588879	A	-0.0166
rs4582031	C	0.0171
rs146441264	G	0.0822
rs116198125	C	0.053
rs4681845	T	0.0184
rs36076080	T	0.0693
rs6792159	A	0.0708
rs111819704	T	0.0548
rs9864760	A	0.0191
rs1502172	A	-0.0185
rs74838592	C	-0.0489
rs115042155	G	-0.0664
rs148946005	T	0.0781
rs114751465	A	-0.0495
rs114658749	T	-0.0715
rs116260990	A	-0.0668
rs59167005	G	-0.0586
rs114995322	T	0.099
rs11720372	G	0.0249
rs114307462	T	0.0811
rs74544922	C	0.0527
rs78884818	C	-0.0601
rs73096257	A	-0.0363
rs58882316	T	-0.0181
rs76878776	G	0.047
rs75412445	A	-0.1078
rs79146843	A	-0.1178
rs75950008	G	0.1145
rs73818861	C	0.0807
rs140878501	T	-0.0759
rs146976466	C	-0.1036
rs74811040	C	-0.0991
rs148532133	C	-0.0467
rs12491104	C	-0.0191
rs9882017	G	-0.0193
rs73082899	C	-0.0201
rs2124532	T	-0.019
rs62254859	T	0.0445
rs77116303	A	0.1291
rs12494723	G	0.031
rs62292505	A	-0.0431

rs115175600	T	0.1103
rs9818763	A	-0.0227
rs2077904	A	-0.0173
rs1560418	G	-0.0199
rs12632822	A	0.0793
rs112621847	A	0.017
rs17769504	A	-0.0238
rs4369992	A	0.021
rs74395591	C	-0.0721
rs113551689	A	0.0401
rs113328104	A	-0.0563
rs111434653	A	0.1202
rs6781128	T	0.0252
rs11916890	A	0.0609
rs76781225	T	0.0733
rs4399913	A	0.0656
rs11929195	A	0.0176
rs74463989	G	0.0674
rs6784537	G	0.0227
rs6796131	C	-0.0208
rs10212284	G	-0.0919
rs116816033	C	-0.1513
rs13095597	A	0.1271
rs114217298	A	-0.074
rs145018778	T	-0.1238
rs114959814	A	0.067
rs144529904	C	-0.0851
rs116081646	G	-0.0902
rs142977426	T	0.0472
rs73853788	T	-0.1113
rs2886760	T	0.0265
rs12635539	C	-0.0328
rs73016531	T	-0.0917
rs12492872	G	-0.0168
rs72924568	C	-0.0262
rs147685579	T	-0.0624
rs77859280	C	-0.0557
rs77757295	G	-0.1042
rs114630624	C	-0.1298
rs77725598	T	-0.0843
rs144338897	A	0.084
rs79488532	A	-0.0507
rs1488746	C	-0.0706
rs140538115	C	0.0253
rs1823906	T	-0.0608
rs9852752	G	0.0207
rs116037000	A	-0.0838

rs73069401	T	0.059
rs116310782	A	-0.106
rs75104824	A	-0.1336
rs114942347	A	0.0422
rs114086498	G	-0.0794
rs62263390	A	0.0702
rs17006410	A	0.0644
rs73223840	C	0.0374
rs61617377	C	-0.0879
rs75025102	C	-0.0612
rs73207148	T	-0.0468
rs4679354	A	-0.0163
rs111428583	A	0.0709
rs11716788	T	0.0202
rs75518802	T	-0.0437
rs4472043	G	-0.0283
rs78767989	A	-0.0631
rs73179598	G	-0.0681
rs116496287	C	-0.0891
rs11916207	T	0.0388
rs6799929	A	-0.0328
rs1874125	C	-0.0508
rs11926806	T	0.061
rs1814917	A	-0.0248
rs76626861	A	-0.0511
rs115337712	T	0.1065
rs115226672	T	0.0371
rs73149951	T	0.0344
rs2572656	T	0.0185
rs11926654	A	0.0222
rs17072119	A	-0.0341
rs16857652	A	-0.0246
rs62288218	T	0.0489
rs35866627	C	0.0801
rs116154831	G	-0.0744
rs9832682	G	-0.0219
rs116816970	G	-0.0963
rs34669416	G	-0.085
rs116493637	A	0.1055
rs6799514	C	-0.0216
rs141444554	T	-0.0937
rs114014284	A	-0.1336
rs113868599	A	0.0485
rs58118434	G	0.1203
rs4928021	T	0.0628
rs150011848	A	0.0883
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rs2877602	T	0.0228
rs12495652	A	-0.064
rs67293537	A	0.0251
rs1979331	T	0.0334
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rs113302708	T	-0.1016
rs73101489	A	-0.1314
rs77723681	T	0.036
rs115493778	T	0.0691
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rs13074328	T	-0.0308
rs77538396	C	-0.0636
rs72959089	A	0.0384
rs6443579	C	0.0184
rs116825638	G	0.0965
rs62276769	A	0.0319
rs151256428	A	0.0807
rs9866274	A	-0.018
rs1642755	C	0.0397
rs78156458	A	0.0919
rs1062197	A	-0.107
rs145805463	T	-0.1276
rs9865196	G	-0.028
rs56299491	T	-0.0794
rs1921494	G	0.0281
rs60242800	T	-0.0424
rs73068126	G	-0.0401
rs62243179	T	0.0615
rs139907910	C	0.0941
rs74526599	G	0.0894
rs11923086	A	0.073
rs114212047	T	-0.0867
rs11923546	G	-0.0978
rs2002582	A	0.0209
rs4912585	T	0.022
rs149777798	T	-0.0711
rs11130013	T	-0.0247
rs116134751	C	0.0679
rs6779852	A	-0.0296
rs73148095	G	0.0838
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rs115110602	C	0.0711
rs111226678	C	-0.1487
rs4686581	G	-0.0545
rs2121817	G	-0.0211

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rs146234686	T	0.1043
rs116792332	A	0.0847
rs4317137	A	0.0216
rs80266493	A	-0.0267
rs4684803	G	0.0174
rs1040336	C	0.0225
rs10511019	C	-0.0201
rs56265325	A	0.0567
rs9876965	A	0.0297
rs73176772	A	-0.0462
rs77615507	A	0.0453
rs147341467	T	0.0439
rs112896046	T	-0.0948
rs4854621	A	0.0192
rs77674027	C	-0.066
rs140424053	C	-0.0717
rs77679907	T	-0.0885
rs7616613	A	0.0234
rs114065737	T	-0.0631
rs9850564	T	-0.0165
rs76643989	T	-0.0435
rs146576816	T	0.1071
rs467345	T	-0.0523
rs80019885	A	0.0297
rs78320249	G	-0.0748
rs114095805	A	0.0712
rs146650353	T	0.0788
rs9818383	T	0.168
rs9831750	G	-0.0166
rs11711045	G	0.0201
rs17319	G	0.0478
rs77597982	A	-0.047
rs2023537	G	-0.0175
rs116673726	G	0.0886
rs73057481	T	0.0172
rs116600355	A	0.122
rs116829176	T	-0.1253
rs13076840	A	0.1062
rs17028298	T	-0.0185
rs116419363	G	0.0847
rs2052368	G	-0.0491
rs1716743	A	0.0179
rs6810278	T	0.0249
rs16841638	C	0.0273
rs116778817	A	-0.0522
rs7618014	G	0.0239

rs144552504	T	0.0809
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rs79837477	T	0.0293
rs73056186	T	-0.0503
rs76273477	G	0.0584
rs13089097	A	-0.0171
rs12496351	C	-0.0343
rs12635864	G	0.0231
rs114534799	C	0.0484
rs6775099	C	0.0399
rs34004101	T	-0.031
rs79149678	T	0.0638
rs62272427	A	-0.0236
rs113866113	T	-0.0232
rs7640667	T	0.0263
rs17194238	C	0.025
rs11709800	T	0.0392
rs1533671	G	-0.0173
rs17733682	G	-0.0994
rs9880315	A	-0.0161
rs76358145	A	0.0184
rs115296782	G	-0.1056
rs4686541	T	-0.0172
rs2035580	G	0.017
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rs57526802	C	0.0444
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rs1485138	C	0.0301
rs78316259	A	-0.0471
rs9837267	C	-0.0473
rs16858840	T	-0.0513
rs78890599	T	0.0235
rs3920477	T	0.0168
rs78723673	G	-0.1226
rs150855431	G	0.0401
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rs73181158	C	-0.0313
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rs115953529	G	0.0505
rs1349283	C	-0.0197
rs6550083	G	0.0805
rs73114355	G	-0.0609

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rs2673046	T	0.0739
rs729660	T	-0.0599
rs9862144	A	-0.0238
rs115972075	T	0.1057
rs144734458	G	-0.0735
rs75259612	T	0.0273
rs7648437	G	-0.0311
rs9841902	A	-0.0794
rs76067709	C	-0.107
rs62257624	T	-0.0527
rs114909995	T	-0.0823
rs9311874	C	0.0451
rs73053599	C	-0.0246
rs12185996	T	0.0381
rs80077107	C	-0.0904
rs78677724	C	0.0905
rs9852469	G	0.1205
rs16827628	T	0.0396
rs73104799	C	0.0852
rs13098474	T	0.0341
rs73202445	A	0.0488
rs112279310	G	0.109
rs11721061	G	-0.0164
rs17272376	A	-0.0346
rs77013418	A	0.0467
rs139671165	T	-0.0716
rs114304068	T	-0.0602
rs147722460	C	0.0364
rs7614885	C	0.0347
rs4686933	G	-0.0312
rs73043056	T	0.0511
rs9844564	A	0.0297
rs12490016	C	0.0461
rs1907482	G	-0.0191
rs73062504	A	-0.0438
rs2717402	A	-0.023
rs62299663	T	0.0737
rs9848952	T	-0.0304
rs118096804	A	0.0732
rs114280794	A	0.0825
rs35131513	T	0.0219
rs115618002	G	0.0921
rs9875582	C	0.0192
rs183811	C	0.019

rs114611342	G	0.0838
rs75165224	G	-0.0846
rs13088500	G	-0.0678
rs67666825	T	-0.0231
rs2178321	G	-0.0241
rs76572768	C	-0.0488
rs73102002	A	0.1104
rs12637406	G	0.083
rs77908862	C	0.0284
rs114306209	A	-0.0671
rs78249918	G	0.1203
rs79267267	A	-0.0737
rs114342323	T	-0.0315
rs74564178	T	-0.1102
rs4678516	C	-0.0164
rs17389893	T	-0.0325
rs2076993	C	-0.0163
rs13322269	A	0.017
rs116537435	G	0.0641
rs78034611	C	0.1
rs115286538	C	0.1066
rs116614945	G	0.0466
rs59280673	A	-0.0261
rs2600976	A	-0.0305
rs161890	T	0.0192
rs58324221	C	-0.0527
rs254857	G	0.0168
rs9825836	A	-0.0171
rs60939402	C	-0.0478
rs140421196	G	-0.0867
rs73154121	T	0.1309
rs2184207	G	0.02
rs2371904	G	-0.0745
rs116836584	T	-0.091
rs145989179	T	-0.0627
rs74937010	T	-0.046
rs144880932	T	0.128
rs62253727	T	-0.0363
rs142344283	A	0.0634
rs11922072	G	0.0334
rs75352334	A	-0.0436
rs1438328	A	0.0251
rs115704620	C	0.0441
rs73169269	A	0.0385
rs2017926	G	0.0189
rs139544003	A	-0.1235
rs142497871	T	-0.1063

rs1553693	G	-0.0168
rs73161075	T	-0.0367
rs12106713	A	0.0466
rs8499	A	0.0737
rs138812654	A	-0.0687
rs9845374	G	-0.0214
rs73132394	C	-0.0243
rs4269034	C	-0.019
rs77005543	T	-0.0474
rs62237492	G	0.0605
rs75380719	T	0.0228
rs4677213	A	0.0188
rs11921030	A	0.07
rs73119835	A	-0.1029
rs13063829	C	0.1054
rs9883046	G	-0.0236
rs6798316	C	-0.0242
rs2044889	T	-0.0311
rs16863651	G	-0.0331
rs35535279	C	-0.0494
rs6771586	G	-0.0168
rs78015268	C	-0.03
rs6762587	T	-0.0202
rs55768751	A	0.0845
rs115442282	A	0.0607
rs62233289	T	0.0309
rs116517469	C	-0.0922
rs1497506	A	-0.0316
rs4287888	G	0.0159
rs73215904	G	0.0292
rs9843969	G	0.1034
rs80243673	G	0.1257
rs115873486	G	-0.0439
rs1376474	G	0.0498
rs939885	A	-0.0181
rs6807858	T	0.0165
rs115078599	C	-0.0551
rs7615841	T	-0.0174
rs111356164	A	-0.0338
rs6799987	G	-0.0169
rs116110361	A	0.0686
rs792359	G	-0.0323
rs10490772	T	0.0217
rs115145358	C	-0.072
rs138504606	C	0.108
rs115832671	G	0.0807
rs76303628	A	-0.1088

rs73161318	C	0.0447
rs12631510	C	-0.0179
rs9869668	T	0.0478
rs305492	C	-0.0199
rs116762529	G	0.0952
rs114450832	G	-0.0888
rs115975672	T	-0.0608
rs13088114	C	0.048
rs7618383	A	0.07
rs9818087	C	0.0197
rs71325223	A	0.0902
rs149830606	T	0.0746
rs139395426	C	0.1094
rs1405332	G	-0.0193
rs115173886	A	0.1075
rs11915101	G	0.0385
rs4679351	G	0.022
rs143676215	T	-0.0696
rs75090365	T	-0.026
rs114750653	A	0.081
rs74598195	G	0.1205
rs116346135	T	-0.1367
rs138521782	A	-0.0829
rs903305	C	0.0254
rs116650468	A	-0.1169
rs17013865	T	0.1087
rs280540	C	0.0423
rs79250676	T	0.06
rs113958461	C	0.1192
rs114202043	T	0.0775
rs73108747	C	-0.1053
rs7626282	C	-0.0281
rs11130328	G	-0.039
rs2036236	C	0.0175
rs80355946	T	-0.0634
rs74670539	C	0.0567
rs149961221	G	-0.0877
rs73039615	G	0.0574
rs80199750	C	0.0974
rs6444871	G	0.0569
rs115668638	T	-0.0551
rs73058889	C	0.032
rs17664076	G	0.0231
rs4676727	A	0.0318
rs11914567	T	0.0184
rs116737477	A	-0.1259
rs146292131	G	-0.1073

rs291485	G	-0.0156
rs10433415	G	0.0165
rs77267418	T	0.0577
rs151307504	C	-0.1241
rs56283092	A	0.0416
rs17029080	G	0.0409
rs78257698	C	-0.0749
rs78113844	G	-0.0162
rs79923247	C	0.0378
rs11712335	C	0.0183
rs2174510	G	-0.0172
rs114164890	C	-0.0441
rs112887034	A	-0.0566
rs76628103	G	-0.0249
rs79887258	G	0.0535
rs76203777	C	0.052
rs7628784	G	-0.0312
rs6792298	T	0.039
rs144069878	C	0.0721
rs145096404	C	-0.0956
rs112762680	A	-0.0964
rs6781196	G	0.0464
rs67841719	T	-0.0353
rs34635393	G	-0.0421
rs62272401	G	0.1028
rs12488262	C	0.0176
rs78028162	T	-0.0225
rs60268336	C	-0.0437
rs4478116	C	0.0284
rs73139199	A	-0.1462
rs4501068	C	0.0682
rs11712456	C	0.0641
rs6798119	C	-0.0443
rs2278599	G	-0.0215
rs114460548	A	0.09
rs162794	G	0.0443
rs6790991	G	-0.0535
rs17828523	C	0.0253
rs2622726	C	0.0237
rs56134008	T	-0.0637
rs139029896	A	-0.0906
rs62298251	A	0.0773
rs4508721	T	0.0222
rs116695884	A	0.0715
rs259439	A	0.0198
rs113901108	T	0.1301
rs76191472	A	-0.1056

rs74808375	T	0.0617
rs114157713	T	-0.0761
rs115692265	A	0.0327
rs56302621	G	-0.0183
rs964851	C	0.0169
rs35310526	A	-0.0422
rs4912586	T	0.0455
rs13066791	A	0.0191
rs62274739	C	0.1065
rs113469132	G	-0.0829
rs3773688	A	-0.0195
rs6783742	G	-0.0191
rs145829545	A	0.0906
rs59710766	C	0.0455
rs113180077	C	0.0661
rs4688116	G	0.0163
rs76243229	T	-0.0774
rs76707595	T	0.0826
rs4314181	C	0.017
rs13061453	A	0.017
rs73072446	T	0.085
rs41334246	T	0.0822
rs114381868	T	-0.0694
rs17033961	G	0.0242
rs80260483	A	-0.0815
rs62284715	G	0.0364
rs140131218	A	-0.0573
rs6789699	C	0.0195
rs59912200	T	-0.0318
rs62236903	T	-0.0523
rs34603222	T	-0.0187
rs75193453	T	-0.1225
rs75739050	C	-0.069
rs78994155	C	0.0644
rs6782547	G	0.052
rs76756609	A	0.0382
rs842279	T	0.0568
rs78725470	C	-0.079
rs76367758	T	0.079
rs13083656	G	-0.0255
rs4855642	C	-0.0411
rs2052994	T	0.0166
rs1499962	C	-0.0199
rs9875303	C	-0.0165
rs73095826	T	0.0403
rs73113524	T	0.0698
rs4646721	C	0.0155

rs4680551	G	0.019
rs1720568	C	-0.016
rs62251087	A	-0.0306
rs115258527	G	0.11
rs2196552	C	0.0579
rs2163417	T	-0.0335
rs115210980	T	0.0775
rs74387803	A	-0.1311
rs6800370	A	0.0362
rs4831149	T	0.0176
rs79116293	G	0.1023
rs12496508	C	-0.0271
rs72983028	A	-0.0941
rs12107159	G	-0.0672
rs11927366	T	0.0681
rs114608760	T	-0.0773
rs142052146	C	0.0666
rs60447162	A	0.0464
rs2878598	A	-0.1158
rs937780	T	-0.0209
rs13098118	G	-0.0302
rs13081811	C	-0.0518
rs62244278	T	0.0769
rs16853475	T	-0.0423
rs79127573	A	0.1002
rs9869653	C	0.0343
rs115093392	A	0.1226
rs1105977	T	-0.0188
rs17072107	G	-0.0229
rs2886046	C	0.0162
rs16849809	T	-0.0238
rs2341234	G	-0.0221
rs35529725	A	0.035
rs17695565	C	0.0683
rs145121554	A	-0.0971
rs17359152	T	0.0549
rs115583178	T	0.0847
rs9756135	A	-0.0274
rs115865189	T	0.0776
rs7643587	C	-0.0169
rs115660200	A	-0.0824
rs17789915	C	-0.0238
rs77012989	C	0.0908
rs79493244	A	-0.0879
rs9852880	G	-0.0169
rs34021426	A	0.0624
rs11710268	A	0.0261

rs56190625	T	0.0613
rs12491786	G	-0.0196
rs113365437	T	0.0637
rs59658964	C	0.0244
rs17352616	T	-0.0762
rs635407	T	0.0192
rs60985059	T	0.0361
rs80116324	T	0.0313
rs9310820	A	0.0231
rs74784044	G	-0.0614
rs73156907	A	-0.0204
rs56056756	T	-0.0319
rs7644423	G	-0.0364
rs115449345	A	0.0905
rs9843615	C	0.0809
rs17556428	A	0.0739
rs7618979	T	-0.0266
rs146428789	T	0.0823
rs74877363	G	-0.0447
rs150068843	T	0.0503
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rs79019912	T	0.0622
rs115252620	A	-0.0684
rs17677553	T	0.0888
rs17040626	C	0.0724
rs138207768	T	-0.0637
rs17378833	A	0.0351
rs62267817	T	-0.0214
rs1978558	T	-0.0427
rs1994263	C	0.0583
rs62266492	T	-0.0253
rs9869536	C	-0.0795
rs62264700	C	-0.0482
rs55637970	C	-0.0216
rs112338684	G	0.0236
rs78535035	A	0.0891
rs73099605	A	-0.0282
rs11128275	G	0.0154
rs115632343	A	0.0496
rs9848060	G	-0.0162
rs150107745	A	0.0852
rs696375	A	-0.0177
rs113845448	A	0.0332
rs73132113	A	-0.0607
rs2399526	C	0.0169
rs741481	C	-0.0168
rs12634248	T	0.0169

rs11714142	T	-0.0412
rs73005403	G	0.0311
rs75480352	A	-0.0388
rs112190531	A	0.0705
rs116239321	A	0.1289
rs114714143	C	0.0277
rs75972128	C	0.0608
rs76573459	T	0.0901
rs28685760	T	-0.0394
rs9822432	G	0.0311
rs56367303	C	-0.0747
rs755004	A	0.0222
rs149543195	A	-0.0971
rs77037737	A	-0.0361
rs60312022	A	0.0319
rs62268427	C	-0.0468
rs114950712	G	-0.0628
rs79605285	G	0.0535
rs266761	G	0.0165
rs35718383	G	0.0268
rs6770849	T	-0.018
rs75957956	C	-0.0463
rs7647846	C	0.0158
rs151109287	C	-0.0907
rs4855431	C	-0.0179
rs6770134	A	0.0171
rs11925837	G	0.037
rs3828357	C	-0.0235
rs142056856	A	0.0744
rs74702276	C	-0.0802
rs7638369	T	-0.0173
rs62276452	C	-0.111
rs13090107	G	-0.0284
rs1498994	G	-0.0157
rs9881930	A	0.0202
rs79442992	G	-0.0366
rs11715557	C	0.045
rs115369566	T	-0.0831
rs140647181	C	0.0964
rs35678417	A	-0.0217
rs13096036	G	0.0321
rs117574903	T	0.0605
rs303874	T	0.0198
rs74760638	T	0.0698
rs35896828	A	-0.0659
rs115613078	C	0.0553
rs114659622	T	-0.1081

rs73118060	T	-0.0202
rs71327767	T	0.0771
rs1403724	G	-0.0199
rs115772962	T	-0.0554
rs2320172	G	0.0325
rs144685275	C	0.1442
rs114269520	G	-0.1041
rs56992354	A	0.0856
rs9866412	C	0.0639
rs115988694	A	0.0683
rs138019554	C	0.0476
rs34120318	A	0.0556
rs11923261	T	-0.0856
rs78081797	T	0.0775
rs13092031	C	0.0162
rs1393522	A	-0.019
rs79556998	A	0.0904
rs76620897	G	-0.1011
rs28732370	A	-0.0157
rs13080304	T	0.0162
rs34105180	T	-0.0253
rs7432940	T	-0.0172
rs73085903	T	0.0424
rs17061232	C	-0.0338
rs112809766	T	-0.06
rs73120636	C	-0.1272
rs17826507	G	0.0266
rs114434473	C	0.07
rs4894714	G	0.0195
rs6794561	A	-0.0345
rs2675264	T	0.0441
rs76108231	A	0.0443
rs150027262	G	0.1035
rs12638121	C	0.0729
rs12636581	A	-0.0164
rs35147577	G	-0.0211
rs140131416	G	-0.0999
rs6779176	C	0.0264
rs3821525	G	0.0171
rs148340429	T	0.0852
rs143747560	G	0.0929
rs6798535	T	0.0965
rs62270787	A	-0.0238
rs4927710	T	-0.0252
rs111651962	C	0.0818
rs1469997	T	0.0614
rs117078876	T	-0.0606

rs9824025	C	-0.0217
rs77197642	T	0.0245
rs80074340	C	-0.0788
rs76591916	G	-0.0861
rs73052844	T	0.0849
rs138628404	C	-0.0215
rs17236529	T	-0.0548
rs1899400	T	-0.0197
rs79139223	A	-0.0554
rs34484694	A	-0.0634
rs2255401	T	-0.0203
rs16832271	T	-0.0333
rs73178438	G	-0.0206
rs1819870	A	0.018
rs75770022	C	-0.0692
rs138343917	C	0.0912
rs9637471	G	-0.0362
rs13062415	T	0.0258
rs114363577	A	-0.0769
rs13070665	T	0.0491
rs826245	A	-0.0205
rs11130106	G	0.0156
rs116151773	A	-0.0906
rs79598599	C	-0.1493
rs1454689	A	0.0335
rs6810302	A	-0.018
rs13094348	G	0.1155
rs146277059	A	-0.0929
rs13325550	C	-0.0243
rs147533560	C	0.0567
rs72986629	T	0.0506
rs9755013	A	0.0332
rs11709135	C	-0.0818
rs9840597	A	0.0175
rs4858682	C	-0.0165
rs79744438	T	0.0762
rs111390177	T	-0.0538
rs7644010	T	0.1138
rs146063569	T	0.0702
rs115941814	T	0.0752
rs6549439	C	0.0157
rs6800159	G	-0.0953
rs144384657	G	-0.062
rs11715893	A	0.0181
rs10513621	G	0.0242
rs7618021	T	-0.0172
rs73827203	C	-0.0466

rs113814367	C	0.0418
rs6446039	G	-0.0166
rs17272985	G	0.0738
rs141070605	A	0.0363
rs115033885	A	-0.0479
rs344958	T	-0.0641
rs72996583	A	-0.043
rs78813693	A	-0.1161
rs7432768	G	-0.0162
rs9828655	C	-0.0306
rs9825587	C	-0.0184
rs116221877	A	0.0414
rs73016630	T	-0.0399
rs79283181	C	0.0972
rs13100090	T	0.0178
rs7613069	G	-0.0509
rs1430012	T	0.0207
rs55822198	C	0.0293
rs1516316	G	0.0194
rs80131629	G	0.0345
rs9815958	T	0.024
rs75815271	C	0.0308
rs2016933	C	0.0172
rs73114649	T	0.0963
rs75235835	C	-0.0615
rs142565766	A	0.1762
rs115765203	C	0.0787
rs149668593	A	-0.0931
rs73071205	T	-0.0297
rs1905866	A	0.0162
rs114022824	G	0.1472
rs114730185	A	-0.1031
rs59918529	C	-0.0195
rs10510241	A	-0.0182
rs13068024	A	0.0203
rs144152938	A	-0.0621
rs77777350	A	0.0311
rs1996242	G	0.0153
rs116735974	T	0.062
rs75368803	C	0.1003
rs17618257	C	0.0304
rs77516487	A	-0.0317
rs9835822	C	-0.0199
rs7652214	C	0.1039
rs11706483	A	-0.0234
rs114467970	A	0.1211
rs138897503	T	0.0642

rs148260249	G	-0.1028
rs9809000	G	0.0265
rs1516383	A	-0.0222
rs78242787	C	-0.078
rs111851986	T	-0.0302
rs61489040	T	-0.049
rs71326458	G	0.0912
rs151244741	A	-0.0338
rs35307231	T	0.0563
rs2410877	A	0.0291
rs6442646	C	0.0269
rs995829	A	-0.0181
rs10934806	A	0.0161
rs144871671	G	0.1278
rs62276820	C	-0.0824
rs73180861	A	-0.0265
rs144161168	T	0.0755
rs143143236	C	0.1106
rs112094634	T	0.0655
rs4679232	C	0.0272
rs114488160	A	0.07
rs76889109	A	-0.0252
rs4679533	C	0.0737
rs113196742	T	-0.1067
rs116140498	C	0.0478
rs9310688	A	0.0373
rs12495740	G	0.0827
rs76185500	C	-0.116
rs78647604	A	0.0439
rs165500	C	0.0272
rs34874055	G	-0.0178
rs142616192	C	0.1136
rs77927585	C	-0.0815
rs334562	C	-0.0715
rs141718232	C	-0.1335
rs11922092	C	-0.0814
rs12630390	A	-0.0436
rs6780233	G	-0.0216
rs147534383	A	0.0674
rs112645538	C	-0.0988
rs13077432	T	0.0227
rs76920837	G	-0.0345
rs73826337	A	0.0219
rs144046302	T	0.0985
rs34196703	G	0.0533
rs116820199	A	-0.0864
rs74363313	G	0.1147

rs115837935	G	0.1234
rs114715691	A	-0.079
rs12330175	G	-0.058
rs17663718	C	0.0815
rs73077437	C	0.0506
rs683403	A	-0.0169
rs115498810	C	0.0833
rs9837132	A	0.0223
rs1503729	G	0.0161
rs7633949	G	-0.0184
rs145193710	C	0.0884
rs73035015	G	-0.0447
rs75323244	A	0.0684
rs6792761	C	0.0478
rs138598521	G	-0.0851
rs1290498	G	-0.062
rs115148262	T	0.0683
rs12492854	A	0.0655
rs73146123	C	0.0253
rs9875401	T	-0.028
rs75892991	G	-0.0606
rs6443666	C	0.0173
rs9841328	A	-0.0363
rs115635388	T	0.0785
rs113278096	A	-0.0238
rs62273807	A	0.0485
rs9859771	G	-0.0181
rs116527836	A	-0.053
rs12496658	T	-0.0307
rs116116485	T	0.0843
rs12495632	T	-0.082
rs166345	T	0.0237
rs62247694	T	-0.0462
rs141897944	A	0.1
rs28640943	G	-0.019
rs78136603	T	0.0732
rs73095514	T	0.0776
rs7647632	C	-0.0215
rs4686395	A	-0.0183
rs2111101	T	-0.028
rs3805032	A	0.0203
rs17039443	C	0.0189
rs111428221	T	0.0632
rs113259616	G	-0.0784
rs1469676	A	-0.0222
rs138899599	T	0.0721
rs1351277	T	-0.0195

rs13088735	T	0.0972
rs17065626	T	-0.0405
rs62250771	A	0.0293
rs13087500	A	0.0194
rs2569958	T	-0.0308
rs1830044	A	-0.0258
rs116146610	C	0.0646
rs76454878	A	0.0723
rs4369974	G	0.0483
rs78219896	A	-0.0523
rs41527949	A	-0.0386
rs7644005	T	0.0182
rs237891	C	0.0271
rs74853590	T	0.0232
rs113333370	G	0.0642
rs79864241	T	0.1188
rs75614272	T	-0.0666
rs76844162	C	0.0807
rs3843358	C	0.0178
rs144888160	T	-0.0612
rs147793174	A	0.0849
rs149192064	A	0.0873
rs28679522	A	0.0256
rs147683133	T	0.0466
rs9861201	C	0.0272
rs150096124	G	-0.0824
rs115725838	A	-0.071
rs34673573	T	-0.0258
rs711986	G	0.0179
rs116070509	G	0.0797
rs77580539	T	-0.0363
rs58758610	T	0.0182
rs111735227	T	0.0259
rs73096824	T	0.06
rs75671719	A	-0.079
rs75181814	A	-0.0597
rs77761268	T	-0.1012
rs114103767	C	0.0418
rs13076152	T	-0.0431
rs113873718	G	0.0822
rs6444931	G	-0.0287
rs2687799	G	-0.0216
rs79144911	A	-0.0329
rs1276085	C	-0.036
rs6442435	T	-0.016
rs4602360	C	-0.0191
rs3936484	G	-0.0159

rs73098044	G	-0.0669
rs71325385	A	0.0825
rs143935512	C	-0.076
rs71313754	G	-0.0678
rs77728640	C	-0.0336
rs143030618	T	0.12
rs79533079	G	0.061
rs4677966	A	0.0229
rs6439452	G	-0.0182
rs116385210	T	0.0979
rs2700464	T	-0.0175
rs17013681	A	-0.0246
rs62278987	A	0.0555
rs7632187	C	-0.0165
rs2648690	G	0.0275
rs11706397	C	-0.0266
rs76391385	G	0.0745
rs16842962	A	0.0872
rs7635672	T	0.0297
rs2642913	G	0.0246
rs1881973	C	-0.017
rs156164	T	0.0236
rs146891289	A	-0.1132
rs139269328	G	0.1094
rs6774800	A	0.0285
rs145369694	A	0.1213
rs114923591	A	0.0645
rs1512044	A	0.0274
rs9847944	T	-0.0351
rs62234671	A	0.0532
rs138665823	C	-0.0971
rs6443784	A	0.0173
rs116812399	C	0.0701
rs74837207	G	-0.0295
rs114221001	G	-0.0482
rs2422084	G	-0.0186
rs78418844	C	-0.0616
rs77645324	T	0.0414
rs114345548	A	-0.0459
rs1370717	A	-0.0172
rs77326121	T	-0.0546
rs73165972	C	-0.1098
rs7627231	A	-0.0205
rs7372767	G	0.0152
rs2089249	T	-0.0187
rs115793590	T	0.0459
rs115719130	C	0.0653

rs76760705	A	0.051
rs9872123	C	0.0385
rs11710358	T	-0.0192
rs10084679	C	0.0372
rs76439121	G	0.0982
rs115392523	C	0.1091
rs12633166	C	-0.0181
rs9846977	G	-0.0154
rs73152633	T	-0.0547
rs73091661	G	-0.0357
rs3772509	G	0.0394
rs77740647	C	0.0426
rs114280516	T	-0.0672
rs13318505	G	-0.0256
rs7430875	G	-0.0542
rs7622631	C	0.0216
rs161894	G	0.0156
rs4858571	T	0.0272
rs78389144	C	0.1093
rs75441434	A	0.0936
rs1947074	C	-0.0158
rs75628241	C	-0.0295
rs3792424	G	0.0293
rs151141581	A	0.0795
rs7627131	A	0.0161
rs73054681	A	-0.0302
rs71311332	A	0.0412
rs147987466	A	0.0265
rs59741456	A	0.0365
rs12497207	G	-0.0335
rs12490840	T	-0.0506
rs7643518	G	0.0155
rs1563668	G	-0.0161
rs116818072	G	-0.064
rs74691904	T	0.0636
rs73014353	G	-0.0417
rs148376582	T	0.1166
rs114979064	G	0.0442
rs12108081	T	0.0191
rs924247	T	-0.0156
rs62250742	G	0.0169
rs6775013	G	-0.0191
rs139170500	A	0.1103
rs1449023	T	0.0656
rs79768569	G	-0.057
rs4681901	C	0.0178
rs115509883	A	-0.0989

rs114473533	G	0.0556
rs76080408	T	0.1104
rs77221433	A	-0.061
rs150253196	G	0.0531
rs111801554	G	0.0802
rs115153300	A	-0.0839
rs77539153	T	0.0756
rs73046698	T	0.0301
rs73094937	A	-0.0455
rs79232832	C	0.1208
rs12637885	T	-0.0153
rs77401774	T	0.1181
rs9874863	T	0.0286
rs12631413	T	-0.0331
rs6802476	G	-0.03
rs3821719	A	0.024
rs1626374	G	-0.0268
rs34618276	A	0.0157
rs13062075	T	-0.0561
rs1552749	C	-0.0248
rs115607096	G	0.0672
rs75125432	G	0.0331
rs73005793	T	-0.1408
rs334782	C	-0.0156
rs12490375	T	-0.0161
rs12637132	A	0.0436
rs77043939	T	-0.0393
rs6787984	T	0.041
rs12635046	C	0.0233
rs11915837	A	-0.0435
rs138298531	G	-0.1034
rs62242337	A	0.0188
rs13065761	A	0.0162
rs115460306	C	0.077
rs148066668	T	0.1016
rs78721717	T	-0.0452
rs3772232	T	0.0408
rs342002	A	-0.0708
rs116465523	A	0.0339
rs116427902	T	-0.1122
rs34241264	A	0.0846
rs62292580	G	0.0276
rs9871963	G	-0.0169
rs9882205	A	0.0217
rs13060787	A	0.0626
rs9880138	C	0.0279
rs76199597	G	-0.1204

rs17201153	G	0.0425
rs148488115	A	-0.1378
rs697331	T	0.0313
rs301937	T	-0.0298
rs9836686	T	0.0207
rs145303131	G	0.1228
rs13098026	G	-0.0807
rs9823052	G	0.0167
rs114701498	T	-0.0413
rs6795706	T	-0.0867
rs62294304	A	0.0491
rs213408	A	0.0157
rs116437296	A	0.0815
rs13061678	A	-0.0159
rs7648094	A	0.0166
rs9867350	A	0.0271
rs144547103	G	0.0746
rs79181427	G	0.0376
rs73203429	A	0.0563
rs1731642	G	0.021
rs78874456	T	0.0393
rs62247397	A	-0.0492
rs77150136	T	0.0541
rs72871313	G	0.0293
rs35593073	A	-0.0519
rs9830042	T	-0.079
rs114858443	C	0.0997
rs139640439	A	-0.0673
rs116888908	G	0.1133
rs9812836	G	0.0232
rs56316904	T	0.037
rs115384618	T	-0.0704
rs13319612	A	-0.0746
rs34423364	T	-0.0251
rs6776053	G	0.0654
rs113454949	G	-0.0342
rs149736097	G	0.0718
rs12634229	C	-0.0483
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rs114838475	G	-0.0859
rs139416121	C	0.0462
rs149938465	T	-0.109
rs7631422	A	0.0349
rs4461463	A	-0.0774
rs146240329	A	-0.0963
rs112054747	G	-0.0725
rs73019738	T	-0.0766

rs7634462	C	-0.0415
rs2062957	T	-0.0148
rs17014561	C	0.0571
rs116824346	C	-0.0882
rs2072583	A	0.0198
rs74709436	C	0.0193
rs2859580	G	-0.0251
rs142641622	C	0.0558
rs147467842	A	0.0304
rs17266628	G	-0.019
rs74604578	A	-0.0697
rs6440961	T	-0.0251
rs115955514	A	-0.0785
rs138328210	T	0.0865
rs1845752	A	-0.0218
rs10510405	T	0.0252
rs842281	A	0.0162
rs11713583	C	-0.0189
rs3914757	T	0.0169
rs148629058	A	0.0915
rs66720638	T	0.0614
rs146935990	T	-0.0552
rs114222445	A	-0.0538
rs6786255	G	-0.081
rs143949778	A	0.0709
rs79884683	T	-0.0199
rs113690293	T	-0.0352
rs56686813	T	0.0536
rs80052905	C	-0.1011
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rs9290612	T	-0.0184
rs16866432	G	-0.0531
rs6808753	C	-0.0314
rs77073442	G	-0.0915
rs114375560	T	0.0518
rs232006	T	-0.0282
rs140151257	C	0.0521
rs850307	T	-0.0171
rs28607119	T	-0.1039
rs79810251	C	0.0509
rs73230620	A	0.0237
rs28688286	C	-0.0376
rs146690599	A	-0.0775
rs114625105	G	-0.0979
rs10513285	C	-0.0224
rs6778994	C	0.0201

rs62283267	C	-0.0474
rs148556385	A	-0.0647
rs73017948	T	-0.0392
rs34729239	G	0.0431
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rs3773155	G	-0.022
rs114286528	A	-0.0787
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rs7652142	T	0.0154
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rs72995342	T	0.0796
rs6790614	G	-0.0304
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rs112209345	T	0.0597
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rs80268278	G	0.0345
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rs17075984	T	-0.0347
rs6775128	G	0.0409
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rs74778621	G	-0.0362
rs150768287	G	0.0955
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rs7610357	T	0.0348
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rs116243895	G	-0.0928
rs112167791	A	0.0259
rs3732588	A	-0.0245
rs62279940	A	-0.0174
rs9816262	G	0.019
rs7643177	C	0.039
rs9291015	T	0.0347
rs7644352	G	0.0292
rs140593494	A	-0.1036
rs1672766	G	0.0191
rs75581639	T	-0.091
rs2231217	A	0.0312
rs71314347	G	0.0428
rs6780554	A	-0.0762
rs35863	T	-0.0152

rs73042746	C	0.0254
rs2437205	C	0.0251
rs76498346	G	0.0372
rs62236341	A	0.0252
rs80019884	T	-0.0374
rs114719645	C	0.0811
rs6765017	T	0.0508
rs147713188	A	0.0636
rs79935822	A	0.0501
rs60382153	T	-0.0193
rs13071725	A	0.0596
rs3772315	G	0.0171
rs12233463	G	0.0189
rs546852	T	-0.0299
rs151228879	G	0.0358
rs78112934	T	-0.0531
rs13068625	G	0.0155
rs13099553	C	-0.0181
rs62391970	G	0.0492
rs78578057	A	0.0671
rs76225460	A	-0.0773
rs6785595	G	0.0922
rs9814761	T	-0.0188
rs9831413	C	0.0239
rs79947800	T	0.0547
rs294461	A	0.0205
rs33080	A	0.0172
rs2971926	C	-0.0277
rs73845635	T	0.0919
rs2630803	A	-0.0166
rs62252596	G	-0.0296
rs116207251	G	-0.047
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rs116250628	G	-0.1171
rs79408317	G	0.0519
rs78188075	T	-0.0417
rs62253038	A	-0.0679
rs71300737	C	0.0664
rs13064839	A	0.0807
rs2350497	A	-0.0292
rs62293358	G	-0.0335
rs2861590	G	0.0238
rs6805647	T	-0.0864
rs17038334	G	0.0237
rs71322817	A	0.0815
rs71304466	A	-0.0312
rs148663560	A	0.0837

rs143305571	A	-0.0356
rs75141803	C	-0.0646
rs484479	G	0.0161
rs74866853	T	-0.0501
rs9818262	A	0.1126
rs7652649	G	-0.0205
rs2898596	A	0.0391
rs116565681	A	-0.0834
rs6782157	C	-0.0185
rs9815975	A	0.0172
rs11721191	A	-0.0381
rs115183960	G	0.0601
rs150394119	A	0.055
rs73035929	G	-0.0262
rs56359415	C	-0.0782
rs2306774	C	-0.0164
rs114275672	G	0.0312
rs77506163	C	-0.1001
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rs16831406	A	-0.0182
rs11917489	G	-0.0161
rs9990287	A	-0.017
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rs994148	G	0.0199
rs9810713	T	-0.0217
rs2218266	A	-0.018
rs71313528	A	-0.0575
rs115344509	G	0.0561
rs79612183	A	0.0518
rs16863016	G	-0.1256
rs2655035	T	0.0174
rs114513147	A	-0.0508
rs60183750	A	0.035
rs693430	A	-0.0777
rs137883664	C	0.0329
rs147873949	T	0.052
rs3968917	T	0.0163
rs58008947	T	0.0244
rs77843863	G	0.0508
rs150320381	G	0.0945
rs115259458	A	-0.0741
rs146560215	T	0.0652
rs73214574	T	-0.1204
rs10936099	C	-0.0149
rs41427850	A	-0.0271
rs872526	C	-0.0149
rs6782512	A	0.0242

rs1399754	A	-0.0153
rs114258659	G	0.0639
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rs6444674	G	0.0616
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rs73227574	G	-0.0672
rs71314086	G	-0.0535
rs9810214	T	0.0249
rs35550194	A	0.0414
rs118167294	G	0.0677
rs78752729	T	0.0361
rs80111399	G	0.0321
rs79315078	T	0.0873
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rs78140870	A	0.0908
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rs7630380	A	-0.0508
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rs16834952	C	0.1167
rs35440513	T	-0.0616
rs9874671	G	-0.0151
rs6440943	G	-0.0266
rs115070789	A	0.0896
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rs310712	C	0.0227
rs6809935	G	0.0148
rs4894825	G	0.019
rs76804510	C	-0.0619
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rs3821656	G	0.0292
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rs9865775	T	-0.0631
rs1873023	G	0.0222
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rs11717214	C	-0.0416
rs11712088	A	0.1104
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rs730901	A	-0.0345
rs72915159	T	-0.0782
rs62276938	C	-0.031
rs1667743	C	-0.0146
rs114998209	T	-0.1378
rs114592942	T	0.0705
rs115853016	T	-0.0607
rs78910108	A	-0.0475
rs116583650	C	0.0536
rs2694108	A	0.0371
rs116735998	A	-0.0647
rs28625100	T	0.0214
rs340828	A	-0.0157
rs17037697	A	-0.078
rs4684966	T	-0.0163
rs78161983	T	0.0865
rs12152344	C	0.0229
rs75825320	C	-0.1018
rs10511409	T	-0.0166
rs114420416	T	-0.0539
rs73035453	T	0.0566
rs73885749	T	0.0221
rs2675172	C	0.0276
rs116201978	C	0.0979
rs150965318	C	0.0787
rs11917821	T	-0.0355
rs58453365	C	-0.0393
rs6789927	T	0.0254
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rs114132409	A	0.056
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rs115469849	A	0.0775
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rs9830908	C	0.0591
rs79858942	C	-0.0314
rs77691291	A	0.037
rs7652887	T	0.1136
rs13095201	G	0.0156
rs11706684	T	0.0447
rs76993956	T	0.0343
rs941084	T	-0.0163
rs139589566	G	0.0809
rs145422885	G	0.0869
rs113589215	A	-0.0528
rs1507417	G	0.0187
rs75681394	C	0.0526
rs1381463	T	0.0164
rs234030	A	-0.0251
rs7634170	G	-0.0279
rs9862761	T	-0.0184
rs769781	T	0.0154
rs62258265	C	0.0948
rs3849561	G	-0.0166
rs76545032	C	-0.1149
rs114266320	A	0.0515
rs62270112	G	0.0523
rs4404438	C	-0.0186
rs73173166	T	0.0236
rs55935215	A	-0.0222

rs77254991	A	0.0473
rs76658907	G	0.0763
rs74791416	A	0.0266
rs143874763	C	0.0649
rs115651324	C	-0.0842
rs57126329	A	0.0228
rs113068739	C	0.0882
rs9877171	G	0.017
rs148998648	A	-0.0361
rs112164618	A	-0.0822
rs142780504	A	0.0449
rs10513846	A	0.0209
rs2062582	A	0.0325
rs73185984	T	0.0563
rs114608591	T	-0.083
rs1358200	A	0.0155
rs55718118	T	-0.0214
rs147157791	T	-0.0746
rs7621555	C	0.015
rs73181584	C	-0.0217
rs114392312	A	0.0644
rs79296608	T	-0.0543
rs4677289	G	-0.0459
rs116516051	G	-0.0749
rs34201812	C	-0.0144
rs147228107	T	-0.1068
rs78365187	C	0.0644
rs12488345	G	-0.0199
rs9883259	C	0.0218
rs3755753	T	-0.0185
rs114771496	G	-0.0675
rs17768194	G	-0.0706
rs55801212	G	0.051
rs7643896	A	0.0161
rs56411806	T	-0.0444
rs147047373	A	-0.1276
rs112405649	A	-0.0632
rs12494778	A	0.0359
rs17358923	G	-0.0191
rs11466531	G	-0.038
rs116169240	A	0.0697
rs6808316	T	0.0146
rs74467064	A	-0.0347
rs73093718	A	0.0268
rs73162992	A	0.0382
rs4686912	G	-0.0146
rs13070253	G	-0.0266

rs80205879	T	0.0888
rs7613196	A	-0.0406
rs80006435	G	0.0725
rs34469426	C	0.0497
rs148005005	T	0.0375
rs116209851	C	-0.0827
rs79271887	A	-0.021
rs55780974	A	0.0288
rs61741434	C	-0.0603
rs144137185	T	-0.0726
rs13325114	A	0.0388
rs35693695	T	0.0215
rs4067991	C	0.0244
rs11714986	T	0.0462
rs73219960	C	0.0654
rs6659	C	0.0315
rs116687907	A	-0.1181
rs34517314	G	0.0631
rs73157065	C	-0.0771
rs73176703	T	-0.0422
rs116253218	T	0.0485
rs76125211	T	-0.0899
rs75685021	A	0.0749
rs12185944	T	0.0148
rs41272339	T	-0.0746
rs71306049	T	0.053
rs9863755	G	-0.0151
rs75976391	T	0.027
rs1900633	T	-0.0184
rs17705912	G	0.033
rs73166878	G	-0.0811
rs13073430	G	0.0892
rs1498992	G	0.0156
rs7633543	T	0.0188
rs56407581	C	-0.095
rs9820421	G	-0.0175
rs2728067	G	-0.0217
rs7613458	C	0.0225
rs1356268	G	-0.0365
rs2060025	A	-0.0703
rs147370035	T	-0.0821
rs114394645	T	0.0909
rs323621	T	-0.1134
rs3843981	T	0.0154
rs62234580	A	-0.017
rs115725716	A	0.0745
rs2201965	G	-0.0159

rs7635362	C	-0.0148
rs7650306	C	-0.0253
rs34985183	A	0.0443
rs6805577	G	0.019
rs145967715	C	0.1025
rs13313901	G	-0.023
rs111551954	A	0.0234
rs7340748	A	-0.0366
rs6774177	T	0.0226
rs2729145	C	-0.0201
rs74844540	A	0.1078
rs148055642	C	0.0577
rs115445641	T	-0.049
rs114693999	G	-0.0453
rs13086717	G	0.0236
rs1042201	G	0.0139
rs1728802	T	0.0261
rs74977375	A	-0.0647
rs114048391	G	0.1429
rs13078961	C	-0.0641
rs114393626	A	-0.0582
rs77649285	G	0.0417
rs149887527	A	0.0766
rs10937189	A	-0.0176
rs79918248	A	-0.0399
rs6807490	C	-0.0248
rs111419882	T	-0.0528
rs1384953	C	0.0156
rs13087106	T	0.15
rs20568	T	-0.0371
rs12493126	G	0.0379
rs73012810	G	-0.0363
rs148207681	T	-0.1292
rs10780010	G	-0.0166
rs78270487	A	-0.035
rs146399471	T	0.1088
rs2324434	A	-0.0144
rs144418982	G	-0.1057
rs146658086	A	-0.0691
rs7612333	G	-0.0247
rs73166213	G	-0.0763
rs68172259	A	0.0321
rs114246902	C	-0.0657
rs17774065	A	-0.0169
rs138785768	C	0.1118
rs78348819	T	0.0553
rs1716139	T	-0.0173

rs13097392	A	-0.076
rs115415985	T	-0.0666
rs115846353	T	0.1312
rs111488304	A	0.0516
rs116836850	T	-0.0983
rs41264655	A	-0.0229
rs2729191	A	0.0177
rs3749191	T	-0.0153
rs114787893	T	-0.1145
rs6769442	A	0.0183
rs9852161	C	0.0325
rs62248535	T	-0.026
rs2335661	T	0.0344
rs11715936	T	0.016
rs12495139	G	0.0833
rs75723481	G	-0.0778
rs73045926	A	0.0207
rs72852937	T	-0.047
rs79267898	A	0.0483
rs79794265	T	-0.0762
rs9861357	C	-0.0315
rs79087982	C	0.1447
rs16851341	A	0.1055
rs148738908	T	-0.0689
rs34634423	T	0.0557
rs10510913	C	0.0172
rs76472490	G	-0.0377
rs73041033	C	0.0281
rs114755348	A	-0.082
rs114497207	A	-0.0419
rs11706775	C	-0.0154
rs12496086	T	-0.0613
rs151311781	C	-0.0867
rs112933337	C	-0.0506
rs34068710	G	0.0848
rs114376132	T	0.1173
rs1541989	C	0.0148
rs13086952	G	-0.1312
rs138829006	A	0.1203
rs116815544	C	0.0854
rs9290392	A	-0.0281
rs73892867	T	-0.0689
rs77342217	C	-0.0422
rs17431345	C	0.0325
rs67623005	T	-0.0245
rs115998608	A	0.0411
rs73194174	C	-0.0351

rs76155232	C	0.0869
rs140746311	G	-0.093
rs9822161	G	-0.0183
rs2729117	A	-0.0166
rs144103261	T	-0.0805
rs34850738	A	-0.0486
rs115015959	T	-0.0614
rs1287302	T	0.0262
rs77431062	A	-0.039
rs146499703	C	0.0946
rs55777822	G	-0.0207
rs3773269	G	0.0483
rs116035855	G	0.0437
rs138376200	A	-0.1084
rs35296932	G	0.0187
rs116368402	T	-0.0687
rs1471966	A	0.0206
rs76718747	T	-0.0889
rs62284841	C	0.0417
rs79768138	C	-0.0949
rs6800992	C	-0.0885
rs62279645	T	-0.114
rs116599176	A	0.0544
rs75186047	T	0.0166
rs71302597	A	-0.1004
rs73187258	G	0.0865
rs73173513	C	0.058
rs145586341	A	0.0548
rs9841477	C	0.0153
rs72876039	T	0.0219
rs9864835	A	-0.0203
rs74967875	T	-0.063
rs114588841	A	-0.0396
rs77829475	A	0.0274
rs17293894	G	-0.0382
rs12489488	G	0.0457
rs117292774	T	-0.0639
rs56383340	A	0.016
rs9859495	A	0.0198
rs28986275	T	-0.02
rs138964671	C	-0.0629
rs4066492	G	0.0149
rs6768606	C	0.0218
rs142882569	T	-0.1105
rs7630971	T	-0.0208
rs1716746	G	-0.0371
rs803335	G	-0.0534

rs585058	G	0.0165
rs6803186	G	0.0151
rs1972703	A	0.0208
rs4685851	A	-0.0279
rs62265355	T	-0.093
rs17062415	G	0.0343
rs114627273	G	-0.0483
rs13088768	G	-0.0143
rs149593672	T	0.0842
rs10513653	A	0.0161
rs11718740	T	-0.0265
rs17221925	C	0.0236
rs422712	A	0.0196
rs9825203	C	-0.0573
rs16848688	G	0.0214
rs115795878	T	-0.0512
rs6763057	A	0.0153
rs115796960	A	-0.0799
rs2350512	T	-0.0148
rs9872797	G	0.0143
rs140588887	C	-0.0662
rs79050813	C	-0.0357
rs139271671	A	-0.122
rs6775986	G	0.0167
rs74768531	A	0.0305
rs116785660	T	0.0871
rs79877613	T	0.0383
rs12492808	T	0.015
rs62267710	C	0.0487
rs114708452	T	0.0385
rs116670279	T	0.0421
rs6805457	A	0.0272
rs457120	C	-0.0148
rs2115176	C	-0.0145
rs10936719	G	0.0167
rs12715353	T	-0.0586
rs73227072	C	0.038
rs73227593	G	-0.0459
rs4615090	G	0.0274
rs12490841	T	-0.0429
rs79245491	T	0.0523
rs7644398	G	-0.0278
rs2675163	C	0.0198
rs9875258	A	-0.0327
rs62286167	T	-0.0288
rs62238359	A	-0.0542
rs139590708	T	-0.0589

rs115375116	A	0.0675
rs6439096	A	0.0267
rs16826376	A	0.0277
rs57785011	G	0.0268
rs73006341	T	-0.0596
rs2933288	G	-0.0333
rs62270453	T	-0.0902
rs1710887	T	0.0152
rs76461365	A	0.0741
rs74280921	T	0.0798
rs9852133	T	0.0214
rs72625040	A	0.068
rs78219465	A	-0.0324
rs9810290	C	-0.0148
rs12330851	T	-0.0502
rs74715472	T	-0.0292
rs80193626	G	-0.0919
rs75815659	A	0.0231
rs115073686	T	-0.0868
rs12632633	C	0.0343
rs33979049	T	-0.0549
rs9839020	T	0.0149
rs6766344	A	0.0347
rs75930588	A	-0.0403
rs146968032	C	-0.0413
rs9290692	T	-0.0275
rs73059650	G	0.0326
rs4857314	T	-0.0214
rs12487840	A	0.0517
rs62249090	G	-0.0262
rs114684225	G	0.0887
rs75529847	T	-0.1303
rs75477339	A	0.0643
rs7630485	C	0.0423
rs17647013	T	-0.0282
rs17538596	T	-0.0502
rs372795	G	-0.0142
rs6796579	C	0.0192
rs113979496	T	-0.0734
rs73074437	G	0.0178
rs13096657	T	-0.0215
rs9831273	T	-0.0152
rs876349	G	0.0197
rs7642426	A	-0.0524
rs141820680	C	0.0958
rs112765799	G	0.0741
rs147250948	T	0.05

rs77772212	G	0.0824
rs78361845	T	0.1288
rs148265295	T	0.0574
rs9310163	A	0.023
rs1912874	T	0.0681
rs116205678	A	-0.0427
rs6801060	A	0.0147
rs150738712	T	-0.119
rs114588714	A	0.057
rs12495981	A	0.0198
rs7516	T	-0.0382
rs6440031	A	-0.0272
rs114978396	T	-0.0961
rs112500125	A	0.0611
rs1718443	C	0.0319
rs112001105	T	0.0469
rs150188940	G	-0.0936
rs17129227	A	0.038
rs77122115	A	0.0406
rs4054764	G	0.0495
rs4528965	A	-0.0317
rs150187513	C	0.085
rs146694498	A	0.0425
rs113356596	T	-0.0493
rs80063325	T	0.0544
rs114884226	A	0.0667
rs35933350	C	0.0885
rs76984960	A	0.0452
rs115136982	G	-0.0372
rs6810039	A	-0.0144
rs7615407	C	0.0339
rs115639912	T	0.0515
rs4234565	A	0.0257
rs10446459	C	0.0585
rs13319577	T	0.0163
rs139734526	C	0.0348
rs11716173	T	-0.0322
rs11711032	G	-0.0182
rs12639400	G	-0.0367
rs56249407	T	-0.0294
rs73138420	A	0.0571
rs12186010	T	0.0209
rs73138311	G	0.031
rs115991597	C	-0.0438
rs75342892	A	0.0396
rs74399234	G	-0.0593
rs116580021	G	0.0522

rs16828386	C	-0.026
rs116792921	T	-0.0654
rs141362250	G	0.0559
rs73176961	G	-0.0317
rs28616691	A	0.0217
rs148281043	A	0.0607
rs6777322	T	-0.0509
rs13434082	T	0.0223
rs6765151	G	0.0303
rs697253	T	-0.0188
rs10804628	T	-0.0808
rs78847625	T	0.0827
rs6780036	A	-0.0378
rs146656140	G	0.0412
rs116449860	A	-0.0689
rs114093475	T	0.0621
rs75100224	A	-0.0332
rs6770384	A	0.0314
rs2270768	G	0.0201
rs9814382	A	0.0148
rs114724532	A	0.0646
rs1456674	C	-0.0717
rs35611996	T	0.0212
rs13061804	G	0.0692
rs151009998	A	-0.0506
rs73171647	A	0.0295
rs704268	C	-0.0329
rs9284844	A	0.0184
rs34916986	C	-0.0542
rs7622979	G	-0.0361
rs62254563	T	-0.0459
rs1453750	G	0.0169
rs774757	C	-0.0153
rs114166024	T	0.0931
rs75442482	T	-0.0419
rs114600294	C	0.035
rs4916486	T	0.0659
rs7634478	C	-0.0149
rs148159579	G	-0.0884
rs11714263	G	0.0165
rs58034705	C	0.0546
rs73149024	C	0.0382
rs73854706	C	0.018
rs9861773	C	-0.0168
rs116400272	C	-0.0628
rs831691	G	0.0193
rs74612036	G	0.042

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rs9866961	A	-0.0165
rs116560608	G	0.069
rs59641265	A	-0.0154
rs6768776	A	-0.0181
rs78390099	A	-0.0437
rs79810760	G	-0.1308
rs17711530	T	0.0138
rs111439685	G	0.0869
rs16863691	G	-0.0158
rs1380991	C	0.0163
rs78003520	G	-0.0497
rs7630724	T	-0.0248
rs144737686	G	-0.1134
rs2700879	T	-0.017
rs3926944	T	0.028
rs12631268	A	0.0222
rs6767579	T	0.0787
rs115454548	C	-0.1412
rs9866371	C	0.0347
rs6780836	T	0.0144
rs73179535	A	-0.0394
rs74681714	A	0.0727
rs7628362	G	0.0176
rs116659054	G	0.1102
rs697356	C	-0.0147
rs79389688	C	0.08
rs34000391	C	-0.0167
rs6445057	G	0.0174
rs75332600	C	-0.0382
rs11709676	C	0.0301
rs74809138	C	0.0569
rs9846027	C	-0.024
rs9810478	T	0.0427
rs116006278	G	0.0405
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rs2138246	C	0.0954
rs2724545	C	-0.0456
rs61092465	G	0.0539
rs62238262	G	0.028
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rs113058575	G	-0.051
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rs78893247	T	-0.0942
rs116110194	A	-0.1047
rs146472614	A	-0.0717
rs62284829	T	-0.0534
rs62292966	A	0.0479
rs72655937	G	-0.0933
rs78863180	T	-0.1193
rs116179639	C	0.1194
rs112100664	A	0.0634
rs151086880	T	-0.1093
rs77089269	A	0.0642
rs116138985	C	-0.0345
rs72962279	A	-0.0522
rs10510951	T	-0.0228
rs114167462	T	-0.032
rs78119965	T	-0.0332
rs58747812	A	-0.0151
rs116792050	T	-0.0828
rs111975914	C	-0.0819
rs58999789	G	-0.027
rs9883824	G	0.0355
rs13094242	G	-0.0606
rs111371008	T	-0.0358
rs140545274	C	-0.0936
rs17562245	T	0.0183
rs17886680	A	0.0305
rs79122504	G	-0.0315
rs150096672	T	0.0631
rs16862727	A	0.021
rs116722100	T	-0.1046
rs2371997	C	0.0144
rs143688221	C	-0.0668
rs3773179	T	-0.0444
rs6766934	G	-0.0418
rs7625875	C	-0.0229
rs62282595	A	-0.0394
rs1881366	C	-0.0148
rs62239967	A	-0.0474
rs138675987	T	0.0829
rs12489455	C	-0.0267
rs7650668	G	0.0859
rs116003456	A	0.0867
rs6772187	A	-0.0241
rs2930784	A	-0.0167

rs112780355	T	0.0338
rs13064196	T	0.0149
rs112844822	T	-0.0702
rs140048838	T	-0.0334
rs75052790	G	0.0677
rs74872230	A	0.0697
rs75138586	T	-0.024
rs73059632	T	-0.0187
rs7429055	T	-0.0256
rs114211978	G	0.0712
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rs9861876	G	-0.102
rs7627964	T	-0.0158
rs114005859	C	0.0718
rs77757471	G	0.0637
rs141203577	A	-0.1158
rs9828854	A	0.0537
rs11707120	T	0.0246
rs77811193	G	-0.0224
rs6798381	T	0.0246
rs72998917	G	0.072
rs113399998	C	0.0851
rs77707280	A	-0.0341
rs35451870	A	-0.0146
rs17240621	A	0.0666
rs13093685	G	0.0361
rs9825756	A	-0.0268
rs144669333	G	-0.0598
rs74374980	T	-0.0419
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rs62253169	G	0.0249
rs3856946	A	-0.0145
rs12634280	A	0.0987
rs2200749	A	0.048
rs6444188	G	0.0153
rs2697151	A	-0.0145
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rs62281569	T	0.0629
rs11719059	T	0.023
rs74926959	T	0.035
rs112347425	T	-0.0289
rs147001882	C	0.0677
rs1003780	A	0.0363

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rs62248294	T	-0.08
rs35533080	C	-0.0223
rs80086264	A	0.053
rs74822631	G	-0.0308
rs7617692	C	0.0517
rs3773785	T	0.0162
rs148575149	G	0.0911
rs73215985	T	0.0337
rs9813685	C	0.0201
rs78557421	T	-0.0323
rs148327427	T	0.0698
rs6804013	C	0.0439
rs115060444	C	0.0785
rs430063	A	-0.0272
rs56162831	G	-0.0252
rs9861395	C	0.0232
rs114338253	C	-0.0539
rs17029420	C	0.0164
rs17885088	A	0.0238
rs62275667	T	0.0356
rs6810386	G	0.0418
rs142086239	A	0.0583
rs62243315	T	0.0288
rs74688523	A	-0.043
rs12492713	T	-0.0452
rs17582553	A	0.0877
rs73814753	A	0.0579
rs67977616	G	-0.0324
rs9880945	G	0.0177
rs76446876	C	-0.022
rs115720115	T	0.0572
rs77819038	A	0.061
rs74912492	T	0.1142
rs9821454	C	0.0345
rs111641617	G	0.0176
rs76387646	G	0.0713
rs145944834	A	-0.084
rs10804698	C	-0.0297
rs114771681	T	-0.0733
rs73180265	T	-0.0438
rs12639611	A	0.0218
rs76514956	T	-0.0482
rs11708379	G	-0.0575
rs34403201	G	0.0202
rs2700237	A	0.0163
rs6773500	C	-0.0147

rs6442356	T	-0.0287
rs9311300	G	0.0153
rs35558532	C	-0.0459
rs114502819	C	-0.0647
rs76861239	C	0.0196
rs112604702	C	0.0673
rs142175001	G	0.0598
rs114632007	G	0.0367
rs1522555	T	0.0878
rs78207527	C	0.0855
rs79504386	T	0.094
rs2920505	G	-0.0147
rs77849140	T	-0.0383
rs79979132	C	-0.0306
rs41495746	A	-0.0567
rs78121499	T	-0.1133
rs11711879	G	-0.0154
rs6550921	A	-0.0201
rs12495039	G	-0.0236
rs62285885	A	0.0466
rs73891106	G	-0.0177
rs115664447	T	0.0893
rs422377	T	-0.0141
rs143686974	G	0.0707
rs138606311	A	0.0941
rs7627296	G	-0.0662
rs4688500	T	0.0144
rs9873527	T	0.0261
rs141394006	G	0.0783
rs56755560	A	0.0362
rs115300242	G	-0.0388
rs6549194	T	0.0189
rs146202993	A	0.0699
rs2300709	C	-0.0163
rs112849057	A	0.0579
rs148000909	A	0.0957
rs113885444	T	-0.0181
rs138955536	T	-0.0826
rs6808449	A	0.015
rs148193768	A	-0.0524
rs73195165	C	-0.1029
rs11721184	T	0.0409
rs62270221	T	-0.0569
rs55779496	T	-0.0357
rs9828379	C	-0.034
rs147390374	T	-0.1144
rs1066602	A	0.0155

rs4683633	T	-0.0573
rs76135652	T	0.0435
rs150633606	A	0.0623
rs113499276	T	0.0911
rs6801602	G	0.0171
rs78310455	A	-0.0313
rs146705572	C	0.0499
rs2293137	T	-0.0212
rs9842835	A	-0.1001
rs116255359	C	0.0577
rs16830298	A	-0.0496
rs1681652	T	0.0449
rs113119965	G	0.0307
rs114024728	A	-0.0918
rs146477898	T	0.0634
rs1403617	G	-0.016
rs13082522	C	-0.0854
rs9847564	G	-0.0265
rs79891732	A	-0.0371
rs2121950	A	-0.0152
rs1443078	C	-0.0232
rs902793	A	-0.014
rs2715670	C	0.0169
rs116540038	G	0.0558
rs13093592	T	-0.0181
rs9866185	G	-0.0146
rs349547	G	0.0494
rs79104843	A	0.062
rs141522275	T	0.1129
rs114113385	A	0.0989
rs6808822	A	-0.0578
rs1438637	C	0.0257
rs62264867	C	-0.0615
rs17302293	T	0.043
rs59171591	C	-0.0211
rs34911574	C	-0.0162
rs73825705	C	0.0278
rs67297245	A	-0.0327
rs141849086	A	-0.0877
rs78032396	A	0.046
rs9811767	G	0.0166
rs6767300	T	0.0768
rs13067800	C	0.0301
rs16829730	C	0.0221
rs2662088	T	-0.0148
rs73076120	T	0.0575
rs6781863	T	-0.032

rs7611808	G	0.0348
rs1491688	A	-0.0156
rs2918224	T	-0.0191
rs73148876	A	-0.0254
rs112072019	A	0.0542
rs12374138	A	0.0139
rs73065198	T	-0.0185
rs2623882	A	-0.0209
rs35907941	C	-0.0274
rs74470634	A	-0.1191
rs148714254	A	0.0922
rs73088970	C	-0.0229
rs77251970	T	-0.0965
rs116717837	G	-0.0687
rs141338478	T	0.0447
rs115143556	T	-0.1017
rs79192426	C	-0.0419
rs9311507	T	0.0296
rs67325724	T	0.0204
rs75165592	G	0.0607
rs60993292	A	0.0576
rs114832029	T	0.0836
rs2377110	C	-0.0144
rs11917658	T	-0.0425
rs9840114	T	0.0503
rs56047677	T	0.0462
rs55867032	C	0.0201
rs9853726	C	-0.0198
rs13090113	A	0.0433
rs73045826	T	-0.0453
rs2111825	T	-0.0395
rs62252978	C	0.0399
rs4615068	T	-0.0216
rs117518401	T	-0.0235
rs116793744	A	-0.0417
rs437206	A	-0.0206
rs2114773	C	0.0141
rs1980247	A	-0.0185
rs143251989	C	0.0703
rs868238	G	-0.0183
rs55802591	G	0.055
rs144832162	C	0.0498
rs73170652	T	-0.0884
rs4686976	A	-0.017
rs10934627	T	-0.0175
rs56089248	T	-0.0427
rs114504244	A	0.058

rs4681364	T	0.0148
rs111989619	C	0.0603
rs13073050	G	0.0163
rs55960336	G	0.0728
rs75674681	T	0.0563
rs112494805	A	0.101
rs139414816	T	-0.0487
rs115602621	A	0.0725
rs115789269	G	-0.0661
rs75542127	T	0.0994
rs7631585	C	-0.0153
rs4328842	A	-0.0177
rs62248906	T	0.0612
rs35649569	A	-0.0176
rs150664099	A	-0.1104
rs35962838	G	0.0329
rs75680983	T	-0.0575
rs2712308	G	-0.0146
rs57961316	T	0.0328
rs3828391	C	0.0589
rs112725189	A	-0.059
rs145073743	C	-0.0736
rs6766621	G	0.0177
rs670335	G	-0.0135
rs9310356	G	-0.0243
rs115241590	C	0.0508
rs150498814	C	-0.0663
rs114532148	A	0.0682
rs62244997	C	-0.0159
rs116336623	A	-0.0563
rs6775357	C	-0.027
rs9836491	A	0.0366
rs73018963	G	-0.0275
rs28698458	G	0.0463
rs9856907	T	-0.1178
rs146812434	T	0.0426
rs10933676	T	-0.0209
rs9824715	T	-0.0212
rs9829202	G	0.017
rs147819787	C	-0.0685
rs75630625	T	0.0943
rs79019069	G	-0.0546
rs7649009	T	0.0258
rs6807962	G	-0.0145
rs62296626	A	0.0144
rs78185914	G	-0.0425
rs74530871	G	-0.0625

rs4858503	C	0.0177
rs9311039	T	0.0158
rs7642285	G	-0.0138
rs12107142	G	0.0283
rs9853115	T	-0.0142
rs58088149	G	-0.12
rs986408	T	-0.0195
rs74976394	A	-0.077
rs141180697	T	-0.0554
rs113956060	G	0.0382
rs114435581	C	0.084
rs77218395	A	-0.0758
rs115391697	C	0.0668
rs9810801	C	-0.0769
rs76010586	G	0.0175
rs114100194	G	-0.0557
rs75841640	C	0.1207
rs13076468	C	-0.0169
rs76397727	T	0.0638
rs62282538	T	0.0675
rs1211480	G	-0.0323
rs6771922	C	-0.0712
rs56137334	T	0.0829
rs13070417	A	0.0142
rs114608651	G	0.0462
rs114885965	A	-0.0835
rs10936943	A	-0.016
rs4493410	T	-0.0164
rs115570574	A	-0.05
rs4135286	G	-0.0178
rs79135721	T	0.0814
rs4446190	G	0.0172
rs142772159	C	-0.0691
rs753833	C	-0.0227
rs112915981	A	0.0947
rs11716084	A	-0.1047
rs1112186	C	-0.0156
rs142218743	C	-0.0806
rs4293718	A	0.0152
rs79786599	G	0.037
rs12631757	T	0.0199
rs67000521	T	0.0208
rs12491856	A	0.0293
rs115641987	A	-0.0888
rs4377471	T	0.0151
rs71298360	G	-0.1017
rs143340312	T	0.1388

rs73195318	C	0.0299
rs151269509	A	-0.0546
rs142194693	A	-0.0838
rs79332788	T	-0.032
rs73155070	G	0.0615
rs59451012	A	0.0144
rs114953773	T	-0.0542
rs114480134	T	-0.0654
rs1533559	C	-0.0227
rs7610941	T	0.0346
rs115587257	G	0.0537
rs79674896	A	-0.0313
rs72908732	T	-0.0521
rs2111581	C	0.0195
rs58065739	C	0.0185
rs7653226	C	0.0148
rs111875879	G	-0.0596
rs62244904	T	-0.0201
rs116122674	T	-0.0832
rs2698370	T	-0.0246
rs17399415	C	-0.0431
rs4990333	T	0.0221
rs3792390	C	-0.0183
rs78720911	T	-0.0643
rs74665354	A	-0.0622
rs13085136	T	-0.0302
rs79834759	A	0.1005
rs116831432	A	-0.072
rs79659544	A	-0.0621
rs116544023	G	0.05
rs148248648	A	0.0465
rs9311907	T	-0.0331
rs146919254	T	0.0521
rs935619	A	0.0139
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rs2880340	T	-0.0753
rs114337112	T	-0.1134
rs9853538	T	-0.0541
rs62238264	A	-0.0744
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rs62249834	A	-0.0264
rs75620952	A	0.0254
rs142630191	C	0.074
rs35590414	G	0.0893
rs1875455	C	-0.0183
rs7620760	A	-0.0531

rs2001647	C	0.0836
rs7649576	G	-0.0197
rs9812220	A	0.0144
rs2728055	C	-0.0167
rs146439446	T	-0.0539
rs34692573	A	-0.0141
rs79330665	T	-0.0747
rs73134261	T	0.0702
rs144718080	A	-0.0759
rs77819491	G	0.0617
rs140074067	C	-0.057
rs6784144	G	-0.0305
rs137922971	G	0.125
rs74414190	A	0.0451
rs115373965	A	-0.051
rs2968171	G	0.0298
rs115348855	T	0.0741
rs76262942	T	-0.0696
rs163552	T	-0.0223
rs77258575	T	0.0307
rs113260398	G	0.0445
rs6762462	A	0.0156
rs115303429	G	-0.0659
rs6775152	A	0.0143
rs79153099	C	0.0742
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rs149801460	T	0.1108
rs115478491	A	-0.0355
rs115522807	G	0.0942
rs6549922	T	-0.0238
rs13069145	A	-0.0164
rs113537973	G	-0.0937
rs41290652	C	0.0828
rs139005499	G	-0.0323
rs283379	C	0.0264
rs9833583	C	-0.0229
rs141723513	C	-0.0627
rs80222871	T	0.0831
rs6445792	G	-0.0163
rs186154	G	-0.0148
rs1510328	G	-0.014
rs9817266	C	0.0187
rs1478072	G	-0.0138
rs1823454	A	-0.019
rs56848495	A	0.0287
rs6767743	A	0.0198
rs115129464	C	0.0484

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rs9876152	T	-0.0305
rs80156931	C	0.0806
rs17187851	T	-0.0196
rs75005410	T	-0.0463
rs371214	C	-0.0141
rs79710601	A	-0.0266
rs16855088	T	-0.0193
rs17826029	G	0.0152
rs12631339	T	0.0388
rs9812440	C	0.017
rs13086327	G	0.0154
rs6421306	A	-0.0627
rs140562548	A	0.0853
rs149998130	G	-0.1011
rs78651767	T	0.0529
rs149712815	A	-0.0771
rs73177168	T	-0.0488
rs79075046	C	-0.04
rs115558260	A	-0.1128
rs114265622	A	0.0761
rs67542515	T	-0.0236
rs150608280	C	0.0606
rs7433085	C	-0.0175
rs116512112	A	-0.0949
rs74736276	T	-0.0408
rs792354	T	0.0153
rs79866321	T	0.0341
rs62288981	A	-0.034
rs77170624	C	0.0575
rs2172393	C	0.0407
rs2974388	T	-0.0175
rs9871181	G	0.0138
rs10510829	G	0.0155
rs76923453	T	-0.1313
rs9848505	C	0.0137
rs12696452	A	0.0187
rs116716353	C	-0.05
rs674628	A	0.0132
rs75764054	C	0.0786
rs111772732	T	-0.0727
rs7647441	T	0.0159
rs62288767	C	-0.0445
rs62293420	A	0.0261
rs6796315	A	0.0225
rs143640685	C	-0.0501
rs111457122	T	-0.08

rs16862782	A	0.0177
rs837776	A	0.0143
rs2056154	A	0.0142
rs344403	T	-0.0225
rs71315262	A	0.0457
rs146108055	C	0.0661
rs871570	C	-0.0236
rs115488172	G	-0.0823
rs1472653	A	-0.0134
rs75149813	C	-0.0588
rs7427774	G	0.0136
rs6599240	A	0.0132
rs9877717	C	0.0701
rs116124122	T	0.0327
rs143435814	G	-0.1034
rs28710988	A	-0.0395
rs151127062	A	0.0733
rs150041206	A	-0.0474
rs115043814	C	0.0385
rs9878980	C	0.0139
rs1355533	T	0.0146
rs62246232	G	0.0276
rs114202462	A	-0.101
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rs79026482	A	0.034
rs116325107	C	-0.0336
rs73164347	C	-0.0504
rs75611353	G	0.0473
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rs13068831	A	-0.0295
rs820298	T	-0.0288
rs9880789	C	0.0221
rs141171376	G	0.0677
rs149636734	T	-0.0504
rs115410069	A	0.0735
rs73074688	T	0.0336
rs116212717	A	-0.1108
rs116172748	A	-0.0663
rs141758611	T	-0.0241
rs74282370	A	-0.0259
rs146749654	T	0.0872
rs73030520	C	0.0468
rs9843883	T	0.0199
rs1449282	A	0.0216
rs4681862	A	-0.0278
rs113094721	A	-0.0461
rs150303385	T	0.0208

rs7372629	C	-0.0253
rs9842519	G	-0.0417
rs905461	A	-0.0157
rs148243882	G	-0.0801
rs2444219	T	0.0611
rs112821280	T	-0.0763
rs150819613	A	-0.1183
rs62243194	C	-0.0814
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rs6442362	G	0.0211
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rs113245519	T	0.0807
rs6443653	G	0.0183
rs4311165	C	0.0154
rs76674160	G	0.0561
rs140095659	G	-0.0538
rs143335617	A	0.062
rs11127693	G	-0.0288
rs67563294	G	-0.0189
rs73102949	T	-0.0545
rs73129157	A	-0.0607
rs56233911	T	0.028
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rs75073487	C	-0.0793
rs293777	G	0.0218
rs116596112	G	0.0943
rs9810949	G	-0.0165
rs55892153	A	0.0745
rs2053223	A	0.0243
rs11714449	C	-0.0225
rs17253133	G	-0.0546
rs4459876	A	-0.0171
rs75167426	T	0.0899
rs112750402	C	-0.0526
rs138087692	C	-0.0624
rs80209023	T	-0.0757
rs2055705	T	-0.0242
rs145405038	A	0.0412
rs57346379	G	0.0173
rs6762722	G	0.0865
rs17370212	C	0.0545
rs62246969	T	0.0758
rs76089301	C	0.0828
rs67266941	T	0.0488

rs115165801	T	0.0966
rs73097039	A	-0.0551
rs2590705	C	0.016
rs163574	A	-0.0259
rs28673456	G	0.0789
rs114773112	A	-0.0423
rs2886726	A	0.0161
rs150906254	T	-0.0599
rs1529045	C	-0.0197
rs6764768	T	-0.0157
rs6770739	C	0.0217
rs4688537	A	-0.0598
rs114067580	G	0.0543
rs6786757	G	-0.0233
rs4686394	G	-0.0168
rs73210568	A	-0.0958
rs57177489	T	0.022
rs1121660	C	0.0133
rs12633691	T	-0.0178
rs62261658	A	0.0443
rs113708449	A	0.0599
rs75412913	G	0.0478
rs9812375	T	-0.0267
rs831449	C	-0.0253
rs112148671	C	0.0796
rs7629539	G	0.0167
rs72996796	C	0.0704
rs11927266	C	0.0168
rs35551988	A	-0.0919
rs1523281	A	0.0234
rs76862687	T	0.0731
rs11713343	A	-0.018
rs164965	C	0.0137
rs11721051	C	0.0181
rs1965346	A	0.0265
rs4686434	G	0.0138
rs4440157	A	-0.0236
rs56332721	C	0.054
rs73081689	C	0.0307
rs144458748	T	0.0524
rs941214	T	0.0219
rs76552096	A	0.0658
rs2669928	T	0.018
rs1384413	C	-0.016
rs73133989	A	-0.0855
rs12495950	A	-0.0403
rs142662785	G	-0.0954

rs13091831	T	-0.0461
rs113862627	C	-0.0767
rs6444147	C	0.0203
rs13070344	G	0.0526
rs138109292	T	0.0808
rs4498076	T	-0.014
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rs10888	A	0.0211
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rs13092137	T	0.0672
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rs71315868	A	-0.1105
rs4677990	A	-0.042
rs58684123	T	-0.0401
rs140732241	T	-0.0467
rs62252811	A	0.0254
rs9882977	A	-0.0166
rs73027101	T	-0.0368
rs74735379	C	-0.0559
rs116077328	A	0.0721
rs74795956	T	0.0752
rs6443758	A	0.0259
rs115728474	T	-0.0684
rs114955564	T	-0.1228
rs10460913	A	-0.0355
rs55903849	C	0.0507
rs10935295	T	0.0202
rs9814562	C	-0.0215
rs73181911	A	-0.0263
rs141874133	T	0.0696
rs28546820	C	-0.0437
rs83615	G	0.0176
rs3845936	T	0.0149
rs116228500	A	0.0536
rs28444511	C	0.0241
rs78537082	A	-0.0315
rs73168999	G	-0.0301
rs73874832	C	0.0798
rs73039691	T	0.0148
rs58362656	T	0.0172
rs7624436	C	0.0179
rs73045692	A	0.0149
rs1083801	G	-0.0161
rs9816984	T	-0.0266
rs163579	T	-0.0147
rs7613763	A	-0.0165
rs11919318	T	-0.0203

rs112662069	T	-0.0369
rs114515234	G	0.1182
rs56287321	G	-0.0163
rs114533006	T	-0.0557
rs1685511	G	-0.0134
rs76491615	A	0.0449
rs12631637	G	-0.0149
rs79292354	T	0.0402
rs3772320	A	0.0139
rs114748333	T	-0.0758
rs116106741	G	-0.0639
rs79731151	T	0.0528
rs6780332	C	-0.0148
rs6799372	A	-0.0162
rs4680524	C	-0.0477
rs17033607	A	0.0393
rs138551217	T	0.0923
rs13091299	C	0.0142
rs140158231	G	-0.0537
rs6774399	T	0.0161
rs114696169	A	0.1154
rs73132700	T	-0.0599
rs72950600	T	-0.054
rs9872433	G	0.0157
rs62272472	A	-0.0675
rs77935235	G	0.0683
rs4894320	A	-0.0152
rs73074316	G	-0.034
rs144051815	A	0.0874
rs75913374	T	0.0621
rs73175579	A	-0.0694
rs1488226	T	-0.0225
rs140737291	T	-0.018
rs6549418	A	0.0219
rs17712202	A	-0.0728
rs13066550	A	-0.0757
rs115270079	G	0.0771
rs78930232	T	0.0533
rs147393618	A	0.0493
rs1167253	G	-0.0192
rs146749265	C	0.0766
rs140305856	A	0.078
rs77174761	G	0.0854
rs113773770	T	0.0592
rs73177355	C	-0.0504
rs77947617	A	-0.0293
rs116356446	T	-0.0876

rs73235929	A	0.0297
rs4485751	G	-0.0187
rs139155664	C	-0.0856
rs1622607	A	0.0141
rs74952110	A	0.046
rs147682725	T	0.0922
rs116733545	A	0.0708
rs1391796	A	0.0145
rs113501379	C	-0.0421
rs73111304	C	0.0429
rs6550793	T	0.0187
rs1457640	G	-0.0175
rs7374124	G	0.0156
rs9311726	G	-0.0164
rs116489725	A	-0.0908
rs66830358	T	0.0154
rs7641526	T	-0.0233
rs73128952	G	0.0789
rs1122790	C	-0.0162
rs7633231	T	0.0269
rs17050516	T	-0.041
rs80282904	G	0.0259
rs3774475	A	0.0133
rs76088353	G	-0.0612
rs16849953	C	0.0265
rs9289352	T	0.0183
rs72874641	G	-0.0817
rs39687	G	-0.0176
rs13433785	G	0.016
rs2531743	G	0.0179
rs74341791	A	0.1008
rs77674795	A	-0.0441
rs13100333	T	0.0747
rs13074826	A	0.015
rs17239701	C	0.0278
rs151743	T	0.0149
rs13099775	G	0.0189
rs12494893	G	0.0139
rs34926152	T	-0.0498
rs17739897	A	-0.0764
rs709096	T	0.0513
rs144794251	A	-0.0347
rs3956142	G	-0.0149
rs78589336	G	-0.0865
rs12493913	C	0.0185
rs140114101	C	0.0985
rs73093854	T	0.0619

rs139206205	T	-0.0576
rs73122169	C	0.0393
rs35359910	A	0.0244
rs2247665	A	0.0156
rs115249341	T	0.0863
rs17536147	C	-0.0334
rs3772503	C	0.0171
rs112270634	C	0.0399
rs185822	A	-0.0149
rs7646105	G	-0.0137
rs1087083	T	-0.0137
rs73153465	C	-0.0557
rs112473072	T	0.0864
rs75376661	C	0.0568
rs35103091	C	-0.051
rs62294269	A	-0.0862
rs748334	A	0.054
rs76691257	T	-0.0861
rs78338216	C	0.0725
rs17059602	G	-0.0209
rs150374744	C	-0.0477
rs73169565	G	-0.0258
rs112448395	A	0.0647
rs56030157	T	0.0204
rs138122613	G	-0.0776
rs79972243	A	0.058
rs143147640	C	0.0419
rs6787360	G	0.0304
rs4571187	A	-0.0153
rs9828495	G	-0.0138
rs73202720	T	-0.0413
rs6787896	T	0.0279
rs9856161	C	0.0184
rs145154012	T	-0.0401
rs6444258	C	0.0185
rs62241773	G	0.0163
rs77654481	C	-0.1029
rs9288978	A	0.0217
rs34618910	T	0.1082
rs876520	C	-0.023
rs13324680	C	0.0233
rs139224470	C	0.0785
rs145145850	T	0.0699
rs17200164	T	-0.0422
rs78732842	C	0.0547
rs9876256	T	-0.0389
rs73145656	C	-0.0325

rs138727888	C	0.0719
rs113847287	C	0.0373
rs2053500	C	0.0285
rs7640284	T	0.0235
rs114008021	A	0.0495
rs342008	A	-0.0276
rs71325836	T	-0.0482
rs114432254	G	-0.0616
rs73890213	T	-0.0262
rs1566364	G	0.016
rs338610	A	0.0151
rs4677177	G	-0.0159
rs77495869	A	-0.0769
rs1798620	G	-0.0464
rs17063482	G	0.0302
rs144069245	T	0.0719
rs62275033	A	0.0463
rs16830368	G	-0.0147
rs73050577	G	0.1073
rs862246	G	0.0662
rs62267081	A	-0.0569
rs4682223	T	0.0173
rs62279646	C	-0.0622
rs7610002	T	-0.0153
rs6764916	A	0.0309
rs73032132	C	0.053
rs75354481	G	0.054
rs115550324	C	-0.0532
rs4678191	G	0.0133
rs7630919	G	0.0486
rs6793593	A	0.0192
rs80041286	G	-0.0239
rs57283060	G	-0.022
rs148058994	C	-0.0334
rs73234730	C	0.0197
rs11917028	C	-0.0216
rs28658351	G	-0.0158
rs114896480	C	-0.0698
rs13091963	A	-0.0141
rs73226671	G	-0.0805
rs79327112	G	0.0693
rs13067134	T	0.0389
rs17749509	G	0.0213
rs115177319	A	-0.0561
rs114566646	T	0.1056
rs148448787	A	0.0532
rs7640911	C	0.0166

rs150059398	A	0.0717
rs9823271	A	0.0291
rs6783755	C	0.089
rs145898045	A	0.0558
rs140474979	A	0.0623
rs112091039	T	0.057
rs16853920	C	-0.017
rs62272468	A	0.0278
rs79101022	G	-0.0604
rs114665847	T	0.096
rs13081927	T	-0.0226
rs17773769	G	-0.037
rs115590848	T	-0.0667
rs13064371	G	-0.019
rs77889039	G	0.0344
rs880337	T	0.0642
rs114226107	G	-0.0795
rs73159639	C	0.0746
rs10937534	T	0.0149
rs116780938	G	0.0578
rs6549355	T	0.0421
rs114426402	C	0.02
rs10935745	T	-0.0262
rs114472761	A	0.0398
rs79986775	A	-0.0563
rs142013556	C	-0.0858
rs9846480	A	-0.0132
rs115827652	T	0.0775
rs58690195	A	-0.0508
rs6791044	C	-0.0149
rs28642913	A	0.0133
rs73085303	A	-0.0512
rs16861097	C	0.0209
rs73203412	A	-0.0196
rs10510631	A	-0.0154
rs7612549	C	0.0209
rs114707650	A	0.0452
rs9821910	G	0.013
rs13080154	T	-0.0139
rs143173721	A	-0.0412
rs76116557	A	0.0527
rs2639207	A	-0.0157
rs1351043	C	0.0139
rs4681171	C	0.0294
rs116478896	G	-0.0632
rs7639788	C	0.0523
rs12486539	C	0.0143

rs9855058	A	0.0178
rs12496632	C	-0.0704
rs114351247	T	0.0541
rs114050142	A	0.0642
rs28704857	C	0.0395
rs73158510	A	-0.0321
rs111742789	A	-0.0639
rs61224228	C	-0.0335
rs34359806	G	-0.0505
rs1402964	A	-0.0306
rs142480772	C	0.0175
rs62284726	G	0.0585
rs360858	T	0.015
rs146323663	T	0.03
rs4074283	A	-0.014
rs1391390	A	0.0642
rs9860150	A	-0.015
rs2618317	T	-0.0197
rs12487149	G	0.018
rs9838089	C	0.0453
rs76451049	T	-0.0744
rs78906313	G	0.0559
rs75314027	A	0.053
rs74325946	A	-0.0477
rs77111433	T	-0.023
rs76937118	T	0.0626
rs115221324	A	0.0606
rs11710867	C	-0.0234
rs36088027	A	-0.0158
rs116158532	G	-0.0698
rs75943000	C	0.0191
rs79146252	A	0.0859
rs4687001	C	0.0339
rs9810841	A	0.0717
rs7633927	C	-0.0517
rs4685841	T	-0.0143
rs115495700	A	-0.0966
rs115170526	G	0.0466
rs75374112	A	-0.0482
rs73186710	C	0.0267
rs6794543	A	-0.0151
rs62290326	C	-0.0452
rs1599270	G	-0.072
rs75745815	T	-0.0646
rs140126782	T	0.0536
rs4381887	C	-0.0164
rs77922306	T	-0.0579

rs881604	C	-0.0147
rs146446901	A	0.0755
rs4393879	A	-0.0147
rs12495944	T	0.0232
rs115235632	A	0.0803
rs113901109	G	0.0603
rs11708041	G	-0.0182
rs11710590	T	-0.0139
rs73163541	C	0.0475
rs114211523	T	-0.0389
rs56366004	T	0.107
rs1040337	C	0.0175
rs75098087	A	0.0356
rs9830571	G	0.0248
rs78953713	T	-0.05
rs78168683	T	0.0419
rs139626712	G	0.105
rs75193123	C	0.0926
rs146485976	T	0.1081
rs76934568	G	-0.0604
rs147307123	A	0.0787
rs80337773	T	0.0671
rs143295143	T	-0.069
rs76829785	A	0.0705
rs12637835	G	0.0193
rs73073606	C	-0.0202
rs9853732	G	0.0201
rs11925770	T	0.082
rs111612664	G	0.052
rs17029710	T	-0.0431
rs924933	A	0.0235
rs139632291	G	0.0803
rs113169847	T	0.0731
rs55742124	T	0.0318
rs150519986	A	-0.0906
rs146176369	C	0.054
rs1528193	A	-0.0176
rs115322304	G	0.0524
rs147864310	C	-0.0498
rs114055581	T	-0.058
rs2056163	G	-0.0135
rs115535040	A	-0.0874
rs6776327	G	-0.0148
rs145040445	A	-0.0536
rs62269572	G	0.0221
rs148195883	C	0.0254
rs145638408	G	0.0573

rs73078180	C	0.0874
rs17038415	A	-0.0566
rs11716058	T	-0.0322
rs34125616	A	0.0711
rs114753512	A	0.0205
rs11920548	A	-0.0168
rs143117537	G	-0.063
rs116469777	C	-0.098
rs2282663	C	-0.0372
rs77978145	T	0.0343
rs77548798	A	-0.0197
rs80014124	C	0.033
rs10049315	A	0.0175
rs144349215	A	-0.0551
rs2175734	T	-0.0315
rs144400904	T	0.0852
rs2367833	T	0.031
rs74319395	G	0.0385
rs62650088	A	-0.0183
rs147389783	A	-0.0676
rs78091849	T	-0.0898
rs112680469	G	0.0888
rs75248043	C	0.0346
rs17354112	T	0.0673
rs77144945	G	-0.0997
rs4525889	C	-0.0139
rs9879974	G	-0.035
rs4859026	G	-0.0154
rs73159037	G	-0.0267
rs73045600	C	-0.0599
rs484332	A	0.0126
rs114692331	C	-0.0286
rs143556684	T	-0.0487
rs2007700	G	-0.0229
rs138522974	A	-0.0415
rs34470830	A	-0.088
rs150683357	G	0.0958
rs138279734	C	-0.0621
rs76191452	C	-0.0681
rs7631711	G	-0.0233
rs1588867	T	0.0556
rs6786585	A	0.0358
rs11715578	T	0.0269
rs115065911	C	0.0645
rs73066424	C	0.047
rs4679815	C	0.017
rs80024363	A	-0.0295

rs2292006	T	0.0147
rs115570771	C	-0.0555
rs139593500	A	-0.0594
rs111725276	C	-0.1034
rs73196659	C	-0.0288
rs10937447	G	0.0352
rs12488630	G	0.0434
rs6794253	A	0.0151
rs111626815	G	0.0796
rs9870439	T	-0.0135
rs112033271	G	-0.0255
rs6783960	G	-0.0142
rs17791200	A	0.0485
rs139275504	T	0.0508
rs41526948	G	0.0901
rs149044598	G	0.0461
rs34685652	C	-0.0183
rs143401079	T	-0.0452
rs9284877	T	-0.0377
rs79761491	C	-0.0778
rs10933721	C	-0.0195
rs79314602	A	0.0524
rs3901920	C	-0.0132
rs17308756	T	-0.0583
rs111458120	C	0.0798
rs6783998	C	0.014
rs11713241	C	0.0727
rs74470022	C	0.0617
rs36014692	A	0.0231
rs9827119	G	-0.0155
rs2371114	T	0.0165
rs28701767	T	-0.1043
rs213402	T	0.0159
rs4432598	G	-0.0398
rs13063494	C	-0.0171
rs147835369	C	0.0928
rs13068631	C	0.0248
rs10937436	C	0.017
rs74198942	A	0.0981
rs9883326	G	-0.0163
rs34734727	T	0.0157
rs73840466	G	0.03
rs115213554	T	0.0267
rs116152646	A	-0.0589
rs149532609	A	0.0543
rs13095322	A	-0.0341
rs146657098	A	0.0692

rs13085353	T	-0.0267
rs9833666	T	-0.0142
rs1450982	T	-0.0134
rs2121787	G	-0.0398
rs73166280	G	-0.0692
rs114031124	G	0.029
rs147029111	T	-0.0621
rs11716727	T	-0.015
rs56359817	A	-0.0187
rs6773782	T	0.0181
rs149534744	A	0.065
rs142622388	C	0.1287
rs3796144	C	0.0132
rs151224143	T	0.066
rs9310857	T	-0.0308
rs73003759	T	0.0854
rs115455970	T	0.0826
rs36033442	G	0.0162
rs11711259	T	0.0202
rs114079175	T	-0.0404
rs143731943	T	0.0454
rs115290893	G	0.072
rs73209081	C	0.0897
rs62258666	A	0.0694
rs73094877	C	-0.02
rs883896	T	0.0392
rs142933951	T	0.0602
rs7616054	A	0.0277
rs116382190	A	0.0765
rs34802992	C	-0.0422
rs142160881	A	-0.0555
rs41271385	A	-0.0187
rs76158329	A	-0.0444
rs9848371	A	0.022
rs11721092	T	-0.0336
rs73826357	G	-0.0201
rs76646629	T	-0.0288
rs938521	C	-0.0197
rs147244465	A	-0.0199
rs148393877	A	-0.1123
rs711682	T	-0.0171
rs137971004	G	0.0461
rs34896415	C	0.0248
rs9879786	G	-0.0185
rs7635429	T	0.0205
rs361052	A	0.0161
rs6794456	T	0.0171

rs149837389	T	-0.0672
rs11711516	G	-0.0128
rs116544703	T	0.0675
rs148646926	A	0.078
rs11707804	C	-0.0141
rs9809005	T	0.0357
rs114417353	C	-0.0467
rs17040803	G	0.0547
rs1385521	A	-0.0413
rs1046706	G	0.0138
rs78637250	A	0.0642
rs116314084	T	0.0763
rs6798312	C	-0.0143
rs6773119	C	0.0142
rs7640319	T	-0.0139
rs77763204	A	0.0677
rs114108011	C	-0.1008
rs73152895	A	0.0335
rs1489630	C	0.0131
rs4054834	A	-0.1082
rs114877031	C	0.0313
rs151044295	A	-0.0516
rs6769291	T	0.0457
rs9311893	T	0.0344
rs868534	T	0.0184
rs4361276	T	-0.0303
rs704425	T	-0.024
rs2688252	G	0.0133
rs2048611	C	-0.0146
rs142718910	G	0.0751
rs116229196	G	0.0901
rs16828415	C	-0.0264
rs17584783	T	-0.017
rs71310323	G	-0.0194
rs155882	G	-0.0256
rs9880802	A	-0.0381
rs34953611	T	0.0429
rs138570905	A	0.0673
rs112191520	G	0.0407
rs112981728	A	-0.0559
rs62274185	G	0.0769
rs71308055	G	-0.0248
rs116029574	C	-0.0692
rs4687381	G	0.0135
rs11711404	T	0.0586
rs75540869	A	0.0624
rs140115640	A	0.0713

rs112252875	A	-0.0415
rs7649045	T	-0.0158
rs1450348	A	-0.0142
rs116644047	C	-0.0582
rs77678215	T	-0.0551
rs17634308	T	-0.0189
rs6782695	T	0.0496
rs57886087	G	-0.0142
rs139381504	T	-0.0256
rs35972277	A	0.0633
rs28673824	C	0.0132
rs6440611	A	0.0223
rs77732258	T	-0.0842
rs2679805	T	-0.0351
rs116673758	A	0.0566
rs116339315	T	0.0622
rs1873915	A	-0.0211
rs79036275	G	-0.1021
rs639447	G	-0.1009
rs1387775	C	0.0241
rs140391506	T	-0.0498
rs73083869	T	-0.0253
rs7630982	A	-0.0214
rs9798878	T	0.0235
rs11720498	T	-0.0128
rs62277565	C	0.0138
rs112960603	G	0.0283
rs1799864	A	-0.0254
rs16862731	C	-0.0268
rs112922016	G	0.019
rs111807267	T	0.0452
rs115160890	A	-0.0442
rs62267235	G	0.029
rs6441868	T	-0.0723
rs73173629	A	0.063
rs1387774	G	-0.0164
rs73025918	A	0.1043
rs4687253	C	0.0184
rs62255068	C	-0.0148
rs115864545	G	0.0549
rs9860274	A	0.0131
rs34519069	G	0.0457
rs981994	G	0.0129
rs113544140	C	-0.0723
rs4678006	T	-0.0387
rs11918397	T	-0.0171
rs112103481	T	-0.0249

rs78412809	A	-0.0716
rs57689046	A	-0.0375
rs6778495	C	-0.0313
rs145288874	T	-0.0675
rs113068570	C	-0.083
rs73131591	G	-0.0219
rs150851658	C	-0.1127
rs7621596	G	0.0362
rs9869067	T	0.0281
rs72622533	C	0.0223
rs6795093	G	0.0135
rs76193944	T	0.065
rs17275273	C	-0.0228
rs115081357	T	-0.068
rs13317628	T	0.021
rs78490546	G	0.0263
rs62251512	T	-0.0233
rs824357	T	0.0174
rs6792808	A	-0.0291
rs75378468	T	0.0569
rs56162158	G	-0.0488
rs142052523	T	-0.0556
rs6419844	C	0.014
rs9812558	T	0.0237
rs116598225	T	-0.0605
rs2218935	A	0.0124
rs7610387	G	-0.0368
rs77533202	C	0.0456
rs4687529	C	0.0198
rs9790240	G	-0.0266
rs6439602	T	0.0162
rs9842404	T	0.0486
rs139897613	C	0.0743
rs3773581	A	-0.0149
rs140589003	C	0.1086
rs17378875	C	0.0225
rs4858477	C	-0.0124
rs79468183	A	-0.0393
rs73888090	A	-0.0426
rs17690433	T	-0.0316
rs77397392	A	0.0886
rs77231470	T	-0.0355
rs7373102	T	0.0125
rs40494	C	0.0239
rs9758492	A	0.0162
rs6764699	G	0.077
rs73199664	G	-0.0334

rs114914069	T	-0.0446
rs115551689	T	0.0367
rs6445588	T	-0.0196
rs141462995	T	0.088
rs111857778	G	-0.0272
rs34108453	A	0.0359
rs148832389	G	-0.0642
rs114885120	C	0.0856
rs77128245	A	-0.1032
rs13322173	T	-0.0572
rs16828176	G	0.0346
rs147921476	A	0.0987
rs2080515	A	-0.0158
rs16851936	G	0.064
rs113519931	C	-0.0301
rs11923997	T	0.0154
rs9853187	G	-0.015
rs62232847	T	-0.0162
rs11921749	T	-0.015
rs79200107	C	-0.0411
rs1075354	A	-0.013
rs144793126	G	0.0573
rs116054265	C	-0.0714
rs6790199	T	0.0434
rs140779938	G	0.0472
rs17071885	C	0.0419
rs955109	C	0.0391
rs9858541	T	-0.0766
rs34704767	A	0.0315
rs60442340	A	-0.0251
rs145345252	C	0.0835
rs113199582	C	0.0715
rs115461290	C	-0.0642
rs13066553	A	0.0155
rs76446868	T	0.0521
rs13079516	A	-0.0175
rs75842631	T	0.0782
rs78165607	G	-0.0195
rs13064690	G	0.0732
rs151154746	A	0.0811
rs7643329	C	-0.0138
rs78662551	A	0.0714
rs937911	G	-0.0134
rs73058336	G	0.0592
rs76998755	T	0.0775
rs9821711	A	0.0125
rs73182746	G	-0.0471

rs61630848	G	0.02
rs41482946	A	-0.1132
rs6767785	T	-0.0128
rs114815223	T	0.0819
rs115327627	C	-0.0704
rs11711929	G	0.0695
rs13059924	A	0.0148
rs71325178	G	0.0272
rs75911197	T	-0.0323
rs13081430	T	-0.0973
rs62243514	A	0.0334
rs10428219	A	0.0708
rs2947659	T	0.0178
rs11718021	G	0.0367
rs995904	G	-0.0184
rs115751100	G	-0.106
rs79559516	G	0.0743
rs77977778	A	-0.0688
rs140702199	G	-0.0405
rs9840713	T	0.0221
rs114381599	G	-0.0538
rs138916715	G	-0.1264
rs73038590	C	-0.0714
rs73052112	G	0.0757
rs56243409	C	-0.0207
rs2089986	A	-0.0186
rs9852464	T	0.0144
rs115923062	A	-0.059
rs11718890	T	0.0538
rs75692541	C	0.0292
rs140068736	A	-0.0963
rs57958053	G	-0.0154
rs55748802	T	-0.0126
rs150454906	T	0.0649
rs114690037	C	0.054
rs28750121	A	-0.0641
rs12715574	A	0.0151
rs139180157	A	0.0857
rs9876525	T	0.0408
rs11720279	G	-0.0174
rs12631561	G	0.0165
rs1495906	T	0.091
rs73009664	C	0.0456
rs34031379	T	0.0337
rs113434141	A	0.0831
rs77016384	G	0.0596
rs9852799	C	0.0737

rs116407709	T	-0.0545
rs1399731	T	-0.0125
rs75315881	T	0.0602
rs76329653	G	0.0151
rs115302123	C	-0.0675
rs73035077	C	-0.0528
rs77590858	A	-0.0355
rs112667192	A	-0.0952
rs115774037	C	0.064
rs111805470	G	-0.0794
rs13082052	C	-0.0185
rs77511234	A	0.0759
rs76044692	C	0.0745
rs147911667	C	0.0514
rs147808408	A	-0.1044
rs115976269	G	-0.079
rs145314078	A	-0.0694
rs77458651	A	-0.0221
rs77553912	G	0.0892
rs17340601	T	0.0387
rs62284549	C	0.0701
rs2121807	A	0.0224
rs138885696	A	0.0736
rs6439362	C	-0.0187
rs138070394	C	-0.0569
rs17607268	C	0.0126
rs79634405	A	-0.0554
rs114186094	T	-0.0507
rs78216849	T	0.0688
rs142811740	C	0.0624
rs13064745	G	0.018
rs6438175	C	0.027
rs4973721	T	-0.0217
rs78769543	G	0.0619
rs553878	A	0.0157
rs12054399	C	-0.025
rs4356766	G	0.019
rs9823702	T	-0.0272
rs1166987	C	-0.0157
rs9824945	G	0.0281
rs73046428	T	0.0353
rs58261696	G	-0.0137
rs149646757	T	0.0408
rs7374177	G	-0.0158
rs75871431	A	-0.0272
rs2970115	G	-0.0137
rs74669781	T	-0.0783

rs4077973	T	0.0162
rs13088007	T	0.0134
rs79858132	T	0.0579
rs17256369	C	0.027
rs76680026	G	0.0611
rs1523594	A	-0.0657
rs6785704	G	0.019
rs113164762	C	0.1
rs145118300	T	0.0403
rs13096917	G	-0.0473
rs1876395	T	-0.018
rs79248577	T	-0.0537
rs113947971	T	-0.0846
rs76593891	A	-0.0685
rs139100872	C	-0.0278
rs10512647	C	0.0186
rs115276309	T	0.128
rs13070899	A	-0.0475
rs9843698	C	0.0172
rs2102914	G	0.0494
rs17036407	C	0.043
rs2109181	G	-0.019
rs113678240	C	0.0612
rs6440613	A	0.018
rs76950868	C	0.0282
rs75298582	C	-0.0635
rs115096488	G	0.0391
rs141619467	A	-0.0618
rs9875609	A	0.021
rs62236463	A	0.0719
rs76318817	C	-0.0262
rs17038848	C	-0.0185
rs114999110	T	-0.0648
rs77865900	G	0.043
rs75650450	G	0.0832
rs35434664	T	0.0142
rs79973495	A	0.0665
rs73001914	G	-0.0181
rs76730871	T	0.0918
rs9819816	C	0.068
rs62267997	G	0.0543
rs7631192	T	0.0188
rs13069069	A	-0.0193
rs7618632	A	-0.0237
rs114857906	A	-0.0314
rs1800276	T	-0.0285
rs10460972	A	-0.0203

rs76411268	G	0.0683
rs12490001	G	0.0396
rs74493139	A	0.0815
rs80135946	T	-0.0272
rs7639982	C	0.0152
rs73003041	G	-0.0378
rs62255071	A	0.0208
rs146861759	T	-0.0477
rs9881805	T	0.0179
rs147806019	A	0.0907
rs62272938	G	0.019
rs3732356	G	0.031
rs73039738	A	0.1076
rs73171633	A	0.0166
rs13070317	G	0.0527
rs1818118	T	-0.0261
rs62247713	G	-0.0497
rs115033088	G	0.0618
rs141100758	T	-0.0906
rs2594216	T	-0.0269
rs17020283	C	0.0138
rs1521582	T	0.0183
rs78624309	C	-0.0184
rs12630816	T	-0.0251
rs11716758	A	-0.0186
rs1438632	A	0.0188
rs2673388	A	0.0146
rs79822419	A	-0.0396
rs9868509	T	0.0556
rs74388175	T	-0.0169
rs137960049	T	-0.0586
rs140703386	G	-0.0649
rs111850602	G	0.1
rs6793681	A	-0.0245
rs140058085	A	0.0395
rs9290987	C	0.0247
rs28542587	A	0.0506
rs112325223	T	-0.0884
rs144255175	A	-0.1065
rs9825725	C	0.0228
rs62260881	T	-0.0142
rs141938718	T	-0.0535
rs80236973	T	-0.0193
rs141974532	C	0.1027
rs114236202	G	-0.0702
rs17484792	T	0.0619
rs74792285	G	-0.0486

rs10510564	G	-0.0317
rs73187513	A	-0.0318
rs150089740	A	0.0827
rs1328542	C	-0.0144
rs34254689	T	-0.0596
rs114236033	G	0.0206
rs6438096	G	-0.0331
rs941045	C	0.0122
rs77456182	C	-0.0903
rs12634056	A	0.0164
rs139675453	A	0.0532
rs2669920	G	0.0374
rs13083588	C	0.0365
rs778471	T	-0.0138
rs73069293	C	-0.0453
rs150608807	T	0.0898
rs12486097	C	0.0249
rs6801639	G	-0.0128
rs9860663	C	-0.0276
rs73232059	T	0.028
rs139117574	T	-0.1277
rs4681493	T	0.0201
rs62262279	G	0.0175
rs6793949	G	0.0237
rs6792846	T	0.0194
rs140570684	G	-0.0639
rs7629471	T	-0.0197
rs78839304	A	-0.0181
rs164954	A	0.0148
rs73060918	C	-0.074
rs16824191	C	0.0414
rs1317293	A	-0.0474
rs6767520	C	0.024
rs114922951	A	-0.0278
rs74487985	G	-0.0401
rs115832404	C	-0.0593
rs61442893	A	0.0425
rs13072734	A	-0.0529
rs73117337	C	0.0595
rs73098067	G	0.0173
rs7636998	C	-0.033
rs17462085	G	0.0124
rs77544601	A	0.0349
rs76793684	T	0.0522
rs7621135	A	-0.0305
rs7433156	C	0.0531
rs9848067	A	-0.0127

rs77091855	C	-0.0556
rs17826483	A	0.0315
rs2676903	G	0.0276
rs983153	T	-0.0213
rs34737125	G	-0.0226
rs73192142	A	-0.0445
rs145360440	G	0.0555
rs143635090	A	-0.0561
rs62244097	G	0.081
rs77292313	T	-0.0707
rs12487318	A	-0.0157
rs9857959	C	0.0186
rs78592189	G	-0.1081
rs116801682	C	0.0581
rs11715015	T	-0.0146
rs9842956	G	0.0236
rs9815073	A	0.0149
rs142307462	A	-0.072
rs9843972	T	0.0147
rs76403863	T	-0.027
rs3026192	A	0.0671
rs11922362	T	-0.0122
rs12374070	C	-0.0157
rs6548526	C	-0.0142
rs4683524	G	-0.0132
rs116690880	C	0.0668
rs141905721	A	0.0514
rs114381173	T	0.0508
rs57214428	C	0.0368
rs17661673	C	-0.0166
rs2638150	T	0.0128
rs4688267	A	0.0127
rs61436251	G	-0.0202
rs2230493	C	-0.017
rs116180761	C	0.0706
rs80213311	A	0.0366
rs1906992	C	0.0436
rs74633812	A	0.0701
rs142957335	T	-0.1097
rs168122	A	0.0146
rs1495904	G	-0.0189
rs13091365	C	-0.0775
rs77152758	A	0.0956
rs78157678	C	0.028
rs78539539	G	0.0679
rs1491879	A	0.0796
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rs9844484	C	0.0141
rs115120815	A	0.0864
rs1468946	A	-0.0129
rs116811287	T	-0.064
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rs146607488	A	0.0217
rs13062635	C	0.0122
rs1317639	C	0.0148
rs62246814	C	-0.027
rs2342696	G	0.0162
rs79872544	A	0.0364
rs6794548	G	-0.0142
rs148397490	G	0.0573
rs143745091	A	-0.0851
rs11718661	C	-0.0216
rs6764273	G	0.0188
rs62242709	G	-0.0171
rs73029528	C	-0.0147
rs4254653	A	-0.0126
rs74934310	A	-0.0963
rs78154025	A	0.0704
rs16866496	C	-0.0154
rs145570999	G	-0.0788
rs73228933	A	0.034
rs79667807	A	-0.0343
rs76122750	A	-0.0309
rs9839425	G	0.019
rs1520604	A	-0.0251
rs79273001	T	0.0214
rs141769766	T	0.0422
rs12630820	T	0.0184
rs61696081	T	-0.0217
rs147333020	A	0.0591
rs57539357	T	-0.0852
rs9874037	T	0.0203
rs57264279	T	0.0563
rs6777554	A	0.0593
rs62263125	A	-0.0198
rs111695649	A	-0.0772
rs1866997	T	0.0208
rs6779690	C	0.0173
rs79916350	A	-0.0742
rs4955213	C	-0.015
rs9819617	C	0.0131
rs6790153	T	-0.0124
rs79667768	T	0.0169
rs79862559	C	0.0248

rs78790546	C	0.0701
rs1441878	C	0.0183
rs1367140	C	0.0131
rs116139282	G	0.0436
rs72881257	A	0.0246
rs28403454	A	0.0482
rs77905880	C	-0.0544
rs139852779	G	-0.0775
rs147395615	T	-0.0354
rs17488841	T	-0.0175
rs55954416	G	0.0429
rs586414	T	0.0125
rs1836292	A	0.0166
rs12634883	T	-0.0151
rs73124702	A	0.0846
rs1282731	A	0.0213
rs6438966	T	-0.0131
rs116274748	T	0.0381
rs114791712	C	-0.056
rs35086063	C	0.0761
rs114071219	C	0.0264
rs1069510	C	0.0119
rs78296174	A	-0.027
rs75298702	C	-0.0655
rs11706660	G	-0.0616
rs111449819	C	-0.0475
rs59764966	A	-0.0356
rs12490351	C	0.0292
rs115899006	A	0.0708
rs1521294	A	0.0289
rs4679172	C	0.0129
rs13076634	T	0.013
rs3932247	G	-0.0759
rs72622560	A	-0.0296
rs11713212	A	0.0131
rs709551	G	0.0553
rs1105598	C	0.0729
rs17019079	C	0.0143
rs73069574	G	0.0328
rs13062357	A	0.0127
rs35622787	T	0.0694
rs147501096	C	0.026
rs113569738	C	0.0747
rs2008984	A	0.0264
rs73125910	G	0.0179
rs75739793	A	-0.0535
rs73224316	T	0.0151

rs114307512	C	-0.0801
rs4679556	G	0.0299
rs72625039	T	0.0902
rs271063	G	0.0179
rs114470262	A	0.0334
rs73125157	C	-0.0568
rs194594	C	0.0121
rs933135	T	0.0732
rs961280	A	0.0261
rs79276228	C	0.0725
rs9839910	C	-0.0155
rs143784182	A	-0.0474
rs116198731	C	-0.0814
rs115966306	C	-0.086
rs117317298	A	-0.039
rs9862209	A	0.0292
rs9818320	C	0.0185
rs78292402	G	0.0438
rs77472241	T	-0.0617
rs78062413	A	0.0498
rs11128873	T	0.0504
rs17564259	T	-0.0322
rs80274379	T	0.08
rs4685572	A	-0.0206
rs74851954	T	-0.0642
rs934587	G	0.0134
rs35104449	G	-0.0695
rs2346070	G	-0.0129
rs34168894	T	0.0292
rs73057751	A	0.0315
rs75067708	C	-0.0629
rs7431671	T	-0.0234
rs115056838	G	-0.0954
rs259432	C	-0.0197
rs7620066	T	0.013
rs11918667	T	-0.0124
rs114616194	G	0.0379
rs12495177	A	0.0538
rs11709529	C	-0.0222
rs58708244	C	-0.013
rs77375711	A	0.0407
rs112802622	A	-0.0366
rs145192672	A	0.0808
rs146289991	T	-0.0381
rs115770542	G	0.0633
rs62278565	A	-0.0679
rs7432070	T	-0.0132

rs4856953	C	0.0224
rs3774300	C	0.0173
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rs6789319	A	0.052
rs115852238	G	-0.0904
rs6599224	C	0.0165
rs76113229	G	-0.0274
rs2162260	G	0.0139
rs2280305	C	0.0191
rs77524295	T	0.0637
rs9917763	T	0.0288
rs76526654	A	0.0291
rs9834921	G	-0.0442
rs115190532	C	0.0734
rs11922345	C	-0.0203
rs148865105	C	0.0532
rs55963705	C	-0.0541
rs7621633	C	-0.0227
rs9814244	C	0.0263
rs4680707	C	-0.0543
rs141196999	G	0.1107
rs80311075	G	0.038
rs140813787	A	-0.0535
rs7428715	A	0.035
rs73075999	T	-0.0279
rs13067354	T	-0.0333
rs139044703	A	-0.0754
rs116805582	T	-0.0905
rs79505419	G	-0.0373
rs13081180	T	0.0463
rs77601270	C	0.0708
rs79593029	G	-0.0697
rs73075443	T	-0.0373
rs116047188	T	0.0751
rs72971611	T	-0.0367
rs752078	G	-0.0136
rs62276165	C	-0.0404
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rs76181182	C	-0.0334
rs116700990	A	-0.0743
rs13085155	A	0.0623
rs73033212	G	0.0321
rs17706162	G	0.0397
rs1456922	A	-0.0466
rs76984993	A	-0.037
rs9858242	G	-0.0209

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rs77190159	C	-0.0372
rs1881364	T	0.0134
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rs4681219	A	-0.0207
rs115213116	G	0.0683
rs78199411	C	0.0648
rs13065304	T	-0.0134
rs1550158	C	-0.0125
rs116323842	A	0.0986
rs138169253	T	0.044
rs79240332	T	0.0651
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rs56074871	G	-0.0222
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rs9755346	G	0.0326
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rs73166605	A	-0.0535
rs13085449	G	-0.0119
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rs6781092	A	-0.0179
rs112519729	T	-0.0392
rs157463	A	-0.0326
rs68103932	T	0.0164
rs75584896	T	-0.0535
rs144304640	T	-0.0584
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rs2371358	T	-0.0125
rs116521283	T	0.0507
rs137923858	T	-0.0849
rs62292376	A	-0.036
rs12490310	A	-0.0219
rs115923007	G	-0.0619
rs79823384	G	0.0446
rs78402627	C	0.0811
rs13324793	G	0.0164
rs62228926	A	0.0482
rs9814875	A	0.066
rs113262106	A	0.0298
rs28411332	G	0.0297
rs2576384	G	-0.0125
rs114564188	T	0.0656
rs56321066	A	0.0556
rs62292785	T	0.0369

rs73094585	T	0.0348
rs56666787	T	0.0251
rs74429833	A	0.0735
rs7427984	G	-0.0119
rs11128501	T	0.0404
rs78080260	A	0.0753
rs6805745	T	-0.0125
rs147996057	G	-0.0861
rs3846147	A	-0.1144
rs9862351	C	-0.0157
rs9841300	A	0.0244
rs115140824	G	0.0646
rs116649841	A	0.0346
rs73057393	T	-0.1068
rs995633	C	-0.0137
rs62244317	A	0.0157
rs6764398	C	0.0134
rs7349517	A	0.0168
rs35181962	C	-0.0467
rs78030993	T	-0.0813
rs1983204	G	0.0149
rs2365401	C	0.0119
rs13086909	T	0.0531
rs732190	T	0.0344
rs2122407	A	-0.0525
rs1402579	G	-0.0118
rs6443360	T	0.0149
rs7428045	G	-0.0133
rs114905830	T	-0.0504
rs73017558	T	0.0252
rs9917623	T	0.0303
rs1828684	C	-0.0129
rs1037633	G	0.0256
rs78036014	G	0.0753
rs6804987	C	-0.0136
rs1462650	G	-0.0358
rs13088746	G	-0.014
rs9871413	G	-0.0344
rs731221	G	0.0223
rs12493890	A	0.0491
rs355098	A	-0.0134
rs1030842	T	0.0122
rs34894010	G	0.0489
rs62283662	A	-0.0432
rs931389	T	0.0123
rs829185	T	0.015
rs144969948	C	0.1307

rs79019422	G	0.0479
rs137892683	C	0.058
rs62282631	T	-0.0779
rs73047091	C	-0.0369
rs2368048	C	-0.0136
rs4678778	G	0.0203
rs17458693	A	0.0418
rs139340593	C	-0.0566
rs77796269	A	-0.0505
rs1514422	A	-0.0269
rs73188318	C	-0.0957
rs62294766	G	0.0496
rs4686545	T	-0.0161
rs237879	T	0.0554
rs16846845	G	-0.0383
rs9871431	A	0.0372
rs34494004	T	-0.0184
rs6772908	T	0.0153
rs73835884	A	0.0219
rs9880598	T	0.036
rs74622822	G	0.0525
rs693190	G	-0.0689
rs148599930	A	0.0714
rs149035072	G	-0.0633
rs76364878	T	0.0766
rs1806429	A	0.017
rs73137219	T	-0.0349
rs7636546	G	0.0177
rs74603684	T	0.0499
rs34408786	T	0.0284
rs116375677	T	0.0538
rs902190	T	-0.024
rs3774157	C	0.0369
rs481976	C	0.0426
rs939647	C	0.0139
rs7618765	G	0.0528
rs116222267	G	-0.1036
rs56400746	A	0.0139
rs111972607	C	-0.0347
rs80160274	T	-0.0722
rs6444269	G	-0.0119
rs2587028	T	0.0174
rs6781008	G	-0.0155
rs56177789	T	0.0194
rs9824043	T	-0.0134
rs146206748	G	-0.0688
rs1381089	C	0.0181

rs67263780	T	0.0273
rs76065606	T	0.0301
rs17704846	A	-0.0412
rs115696555	T	-0.0892
rs141773398	T	0.0304
rs74787834	A	-0.0538
rs75500917	T	0.036
rs7641734	C	0.1027
rs76389233	C	-0.0553
rs73175485	C	0.0252
rs112231008	C	-0.0685
rs58449430	T	-0.0344
rs35593371	A	-0.028
rs151747	A	-0.0314
rs76441245	T	-0.0444
rs9859433	A	0.0123
rs6551410	A	-0.0127
rs72962889	G	0.0162
rs1168711	T	-0.0409
rs73177867	C	-0.0227
rs62274114	G	0.0188
rs146793106	A	0.0773
rs45473193	A	0.0264
rs35268823	T	0.027
rs76572256	C	0.0596
rs150636387	T	-0.0727
rs142886848	G	0.021
rs9880646	A	-0.0125
rs79917056	A	-0.0673
rs73001038	G	-0.0143
rs77377439	A	0.0489
rs9851753	T	0.0749
rs115167426	G	0.0915
rs73114142	G	0.0553
rs1584139	C	-0.0716
rs73148814	T	0.0335
rs78030652	G	-0.0425
rs141958982	C	0.0609
rs7646856	A	-0.0122
rs76937096	T	-0.0459
rs73006921	A	-0.0283
rs7614599	T	-0.0585
rs941216	T	0.0296
rs9865402	C	0.0412
rs338223	A	0.0144
rs137913735	A	0.0484
rs72959428	T	0.0601

rs144367414	T	0.05
rs80132993	A	0.0479
rs35635764	C	-0.0428
rs11714607	C	0.017
rs142701590	G	0.0943
rs79687523	A	-0.0646
rs139109079	T	0.0577
rs3909578	G	-0.0194
rs79112443	C	-0.0179
rs116024643	C	0.0456
rs9854229	G	-0.0129
rs145655381	G	-0.0685
rs11720620	C	-0.0463
rs79457325	A	-0.0697
rs2649185	A	-0.021
rs115702357	G	-0.0647
rs7649832	T	0.0235
rs75246080	C	-0.0623
rs112836900	T	-0.0548
rs74978024	A	0.0321
rs17188103	T	0.0201
rs6805030	A	0.0419
rs79229627	G	-0.0377
rs13079652	A	0.0215
rs62238740	G	-0.0162
rs424601	A	0.0197
rs56201901	T	0.0641
rs73003298	T	0.0633
rs6771019	G	0.016
rs1448332	A	0.0158
rs75565015	T	0.0292
rs34944729	G	0.0383
rs73176929	T	-0.0681
rs4684732	G	0.0649
rs112744402	A	-0.0512
rs115968285	T	-0.047
rs9871350	T	-0.0117
rs61620092	G	0.0128
rs12494609	C	-0.0197
rs2931394	G	0.0151
rs138487119	A	-0.0392
rs4955470	G	-0.0151
rs4686787	C	-0.0419
rs56178612	A	0.024
rs1493091	T	-0.013
rs62250931	G	0.0241
rs1127343	G	-0.0119

rs820325	G	0.0211
rs16839907	G	-0.0173
rs9865620	A	0.0134
rs166117	G	-0.015
rs11914388	C	-0.069
rs2885596	G	0.0164
rs116296586	A	0.0634
rs73048541	A	0.0367
rs112899026	A	0.0857
rs12492361	G	-0.0137
rs112325369	C	-0.0155
rs142026525	G	-0.0643
rs145869885	C	-0.0685
rs80113154	G	0.058
rs114592020	A	0.0477
rs150937171	A	-0.0534
rs75359638	T	0.0672
rs35731565	T	0.0153
rs13092721	A	0.0533
rs62272010	G	0.0188
rs79998880	C	0.0629
rs114407718	A	0.0233
rs17511582	T	0.0486
rs9865609	T	-0.0236
rs75610361	G	0.0468
rs147408433	T	-0.0787
rs17030343	C	0.0602
rs28408755	G	-0.0581
rs4684938	A	0.0166
rs76753694	G	-0.0414
rs79777082	C	-0.0617
rs16832803	A	0.0516
rs7636962	C	-0.0148
rs143089321	T	-0.075
rs7647787	G	-0.0122
rs28372947	C	0.0518
rs9813239	C	0.0261
rs13094843	T	0.0117
rs11720274	G	0.0214
rs1455867	C	-0.0142
rs61055421	G	0.0202
rs75897266	A	-0.0214
rs13065417	A	0.0175
rs7433648	T	-0.0139
rs7634751	C	0.0141
rs1051772	C	-0.0202
rs147887942	G	-0.0632

rs62268771	A	0.0513
rs35260299	A	0.0381
rs9878942	C	0.0196
rs1345417	C	-0.0183
rs79846341	A	-0.0352
rs62238351	T	-0.0207
rs144424878	A	0.0497
rs73204230	C	0.0205
rs73153759	T	-0.0459
rs141045350	A	-0.1037
rs12721607	A	-0.039
rs9864733	G	-0.0149
rs17041201	T	-0.0834
rs9813915	G	0.0615
rs13321260	A	-0.0295
rs34931595	T	-0.0211
rs6779310	T	0.0128
rs868598	G	0.0201
rs4679645	C	-0.0145
rs74882249	G	0.0305
rs79462602	G	0.0434
rs11927005	C	-0.0193
rs11718353	T	0.0284
rs9856906	A	-0.0204
rs116215663	C	-0.0417
rs77917987	G	0.0253
rs17012611	G	0.0455
rs9879176	C	-0.014
rs80353886	T	0.0561
rs13082430	T	-0.0239
rs66626713	A	-0.0123
rs77559692	C	-0.0438
rs147289374	A	-0.0653
rs113922548	T	-0.0952
rs74543347	T	0.0544
rs1574982	G	0.0137
rs113799517	A	0.0591
rs76057861	A	0.0456
rs149844392	C	0.0643
rs116497138	T	0.0426
rs142564687	A	0.0794
rs9877642	A	-0.0128
rs6800511	A	-0.0176
rs114316039	G	0.0767
rs7630400	C	-0.0613
rs114553356	C	-0.0589
rs56777451	T	-0.0222

rs56665316	A	-0.0339
rs76890575	C	0.0295
rs112773183	A	0.0848
rs114152342	A	0.0705
rs4401335	G	-0.0185
rs164959	T	0.014
rs114072268	C	0.1
rs112011333	G	-0.0459
rs7632000	T	-0.069
rs17024608	G	0.0222
rs17702257	T	-0.0685
rs75515044	G	0.0568
rs115770113	T	0.064
rs2675433	C	-0.0131
rs35098116	G	0.0156
rs115900404	A	-0.0753
rs4955827	A	0.0659
rs151323241	T	-0.04
rs114248368	G	-0.0596
rs2029019	T	-0.0139
rs55809196	A	-0.0269
rs10510182	A	0.0126
rs146761680	C	-0.0519
rs77177316	C	-0.05
rs143731825	C	-0.0693
rs77700423	T	-0.061
rs144400591	C	-0.0583
rs62232884	G	-0.015
rs16854373	A	-0.0372
rs7613480	C	-0.0128
rs1873666	A	-0.019
rs75231449	A	0.0203
rs138400832	A	0.05
rs114331030	A	0.0637
rs7611685	G	-0.0126
rs6802439	C	0.0123
rs2033447	G	-0.0191
rs116906503	G	0.1011
rs12631732	C	-0.0659
rs13066749	T	-0.0124
rs7621032	T	0.0123
rs1568101	C	-0.0221
rs1552193	G	0.015
rs73002363	G	0.0422
rs7631762	A	0.0137
rs7432858	C	0.0327
rs11717857	C	-0.0463

rs17438524	C	-0.016
rs2169986	T	-0.0147
rs116195369	A	0.0334
rs62246965	C	-0.0139
rs34566348	T	0.0202
rs56822123	T	-0.0214
rs115484172	C	-0.0796
rs1877257	G	0.0169
rs347325	C	-0.013
rs148381189	T	0.0663
rs74996973	A	0.0375
rs142148872	T	0.0361
rs7612467	T	-0.0137
rs2886378	A	0.0675
rs6808547	A	-0.0152
rs358952	G	0.0709
rs7616425	T	0.0115
rs77005291	G	0.0193
rs73226933	T	-0.0491
rs67436303	A	0.0198
rs7627702	G	0.0187
rs1837611	C	-0.0352
rs13063286	T	-0.0134
rs1087734	C	-0.076
rs3821900	G	0.0248
rs56258317	C	-0.0428
rs12233420	G	-0.04
rs139997183	T	0.0687
rs56124025	T	-0.1186
rs9874670	T	-0.0175
rs116508500	C	0.0563
rs113035410	T	-0.0774
rs1273878	G	0.0389
rs1876463	T	-0.0267
rs114247414	T	-0.0427
rs115778536	T	0.0522
rs115925588	T	0.0455
rs141822432	C	0.0142
rs4839620	T	-0.013
rs115357776	C	-0.0584
rs6777671	C	0.026
rs73105221	A	-0.0487
rs7639856	A	-0.0258
rs1875099	A	-0.0187
rs116232131	T	-0.0884
rs143362725	A	-0.0434
rs6770557	G	-0.0213

rs2728097	A	-0.038
rs111434411	C	-0.0468
rs2030534	G	0.0141
rs149907681	T	0.0499
rs113401135	A	0.0413
rs150867876	A	-0.0248
rs114419096	A	0.0233
rs9311803	A	0.0778
rs80013054	C	-0.035
rs76212606	A	0.077
rs6796823	C	-0.0144
rs4683630	A	0.0117
rs1961672	G	-0.0127
rs138779621	C	-0.035
rs6779730	A	0.015
rs62246874	G	0.0621
rs9828692	C	-0.0143
rs77252121	C	-0.0837
rs2648507	C	0.029
rs79632928	G	0.0744
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rs9838353	A	0.0271
rs3915008	G	0.0363
rs17042078	G	0.0176
rs750784	A	0.0542
rs73050546	A	-0.0492
rs112050992	T	-0.0665
rs73174805	A	0.0375
rs1876617	G	0.0157
rs114398546	A	-0.0682
rs77985439	T	-0.0286
rs60479698	G	-0.0355
rs144678967	T	-0.0557
rs1343839	A	0.0282
rs75186760	A	0.0388
rs61797806	A	0.0216
rs138263306	G	0.0354
rs75775175	A	-0.064
rs114017030	A	0.0838
rs17010556	G	0.019
rs2578337	G	-0.0117
rs62265386	C	0.0677
rs77958041	T	-0.0372
rs78649577	C	0.0431
rs146501639	G	0.0751
rs145245390	T	-0.0478
rs1546007	C	-0.0118

rs555455	G	-0.0116
rs73157671	C	0.0595
rs115547681	A	0.0591
rs12632216	G	-0.0217
rs6804165	T	-0.063
rs74874672	A	0.0743
rs148526820	A	-0.0399
rs148341748	C	0.0324
rs17430709	G	-0.0262
rs116135937	A	0.0547
rs4687478	G	-0.0118
rs145925345	C	0.027
rs112234391	G	-0.0444
rs77198087	A	0.0324
rs6800246	G	-0.0223
rs1285080	C	0.0238
rs6763141	T	0.0268
rs74691982	G	-0.0514
rs116609681	A	-0.073
rs149557795	A	0.0434
rs4327417	C	0.0131
rs2594145	A	-0.0211
rs13061134	C	0.0189
rs80019387	C	0.0603
rs113120545	C	0.0155
rs55941794	A	0.0426
rs143719176	A	0.0275
rs11927552	T	0.0161
rs769520	A	-0.0143
rs116125965	T	-0.0553
rs13074189	G	-0.0916
rs78173819	C	-0.0525
rs1126662	C	0.0161
rs116827288	A	0.052
rs75074340	G	-0.0393
rs9860117	T	-0.0247
rs9848464	C	0.0133
rs897	T	0.0121
rs9877057	T	-0.0701
rs116200560	T	0.0595
rs111679842	C	0.0569
rs17513810	C	-0.0636
rs116028447	T	0.0734
rs79654547	G	0.0353
rs151196731	A	-0.0552
rs114340854	A	-0.0508
rs1106759	C	-0.0129

rs116752249	C	-0.0473
rs6802914	T	-0.0133
rs11713375	C	-0.0359
rs147872149	A	-0.0936
rs74372372	C	-0.0753
rs139297692	T	-0.0468
rs34283537	T	-0.0153
rs4855985	T	-0.0127
rs34888942	C	0.044
rs237883	T	-0.0339
rs13086220	T	-0.0119
rs112979139	C	-0.0756
rs73093091	A	0.0132
rs71302192	A	-0.0332
rs2568859	G	-0.0194
rs11713769	C	-0.0232
rs114807731	A	-0.0553
rs115224174	C	-0.0736
rs113675467	C	-0.035
rs6795630	A	-0.0203
rs35745151	T	-0.0408
rs115802426	A	0.037
rs34182093	C	0.0533
rs1464099	T	-0.0178
rs388647	A	-0.0141
rs2461818	T	0.0205
rs986492	G	-0.0275
rs6550895	A	0.0141
rs77423155	T	-0.0554
rs112046574	C	0.038
rs9839912	T	-0.0205
rs78393224	T	0.0541
rs62276226	A	0.0118
rs6788067	C	-0.0295
rs17711100	A	0.0673
rs16864783	A	-0.0232
rs10510827	C	0.0147
rs148877991	T	-0.083
rs73117040	G	0.05
rs55973831	G	0.0627
rs59068983	C	-0.0158
rs115243431	A	0.1081
rs9850541	C	-0.0693
rs6794448	T	0.0313
rs73081294	C	0.056
rs12695769	G	-0.0118
rs7642336	G	0.0227

rs6783517	G	-0.0503
rs113060529	A	0.0517
rs12491076	C	-0.0157
rs77080042	C	0.0305
rs73861718	A	-0.0413
rs140296553	C	-0.0127
rs1813503	C	-0.049
rs13100372	C	-0.0431
rs79696596	C	-0.0412
rs17402503	T	0.0882
rs138460184	A	-0.0483
rs115103798	A	-0.0298
rs147953588	G	-0.0675
rs4685218	T	-0.0191
rs73211879	C	0.0294
rs7629364	A	0.0125
rs2935037	T	0.018
rs72876010	A	-0.0974
rs114501010	A	0.0476
rs73153693	T	-0.0352
rs11922741	A	-0.0118
rs10510541	C	-0.0323
rs660866	T	-0.0153
rs1666555	A	-0.024
rs1813197	A	-0.0222
rs981896	A	-0.0323
rs13090225	T	0.0244
rs75719992	G	0.0358
rs148644807	C	0.0971
rs77686022	A	-0.0868
rs9789947	C	-0.0244
rs4684267	G	-0.0143
rs113753586	A	-0.0372
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rs62257923	A	-0.0298
rs115018538	G	0.054
rs78911756	T	-0.0479
rs1159474	G	0.0123
rs62270466	T	-0.0702
rs7645734	T	0.017
rs78166695	T	-0.0332
rs12639016	A	0.0598
rs3846030	T	0.0121
rs79449206	A	-0.0455
rs13072739	C	0.0127

rs7616692	T	0.0441
rs4894427	C	0.0137
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rs75400343	A	-0.0596
rs116157562	C	-0.0632
rs7612949	A	0.0119
rs116243094	G	-0.0925
rs7611519	A	0.0177
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rs56169648	T	0.0439
rs116753077	T	0.0963
rs12152537	C	-0.0193
rs4858417	A	-0.0162
rs17417412	G	0.049
rs112807790	G	0.0475
rs9857063	G	0.017
rs77503967	G	0.0319
rs115392722	C	-0.0644
rs41264651	T	-0.0134
rs10049358	C	0.0114
rs9814627	G	-0.0133
rs1631876	T	0.024
rs78117189	T	-0.0458
rs76630570	G	-0.0537
rs55661359	C	0.0122
rs60447179	G	-0.0172
rs35842958	C	-0.0117
rs3773648	C	-0.0693
rs113302466	C	0.0954
rs73199529	T	0.0414
rs7646338	A	-0.0177
rs56108136	C	-0.0295
rs13094163	C	0.021
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rs112896695	A	0.0453
rs138767622	C	-0.0619
rs73119481	C	0.0253
rs7650098	A	0.0192
rs61221121	A	-0.0431
rs72619595	C	-0.0125
rs80250679	A	-0.0318
rs6790912	C	-0.0191
rs34866203	T	-0.0197
rs11706677	T	-0.0185
rs11929438	G	-0.0146
rs113098497	A	0.0661
rs79221769	T	0.0293

rs138126299	C	0.0471
rs116727107	C	0.0536
rs147567154	T	0.0562
rs2122498	T	0.0436
rs144024635	C	0.0601
rs2016895	G	0.0141
rs146788750	G	-0.0613
rs61162364	C	-0.0274
rs74938863	C	0.0659
rs13094294	T	0.0218
rs114708413	C	0.0662
rs147683487	T	-0.0455
rs12630349	T	0.0181
rs2613962	T	0.0123
rs7372166	C	0.0126
rs75927140	G	-0.0659
rs139905310	G	-0.1237
rs3774541	A	-0.0116
rs4285014	C	0.0233
rs2633246	A	-0.0875
rs67894239	A	-0.0189
rs114742393	G	0.0493
rs113047359	A	0.0265
rs4515081	G	0.0148
rs115704087	T	-0.0398
rs114300555	C	0.0619
rs11918111	G	-0.0449
rs62229386	T	0.02
rs58894173	G	0.0422
rs36086638	C	-0.0642
rs9871173	A	0.055
rs7638958	T	-0.0457
rs79786215	A	0.0754
rs58954593	T	-0.0155
rs59496751	G	0.0555
rs115165713	T	-0.0655
rs884467	G	-0.0159
rs12485363	G	0.016
rs4634080	C	-0.0143
rs7610368	T	0.0481
rs73175857	A	-0.0747
rs115234463	T	-0.0668
rs80315299	C	-0.0567
rs12490914	C	-0.0203
rs11127653	T	-0.0127
rs1316482	T	0.0148
rs76107896	C	-0.0409

rs55885820	T	0.0177
rs113101672	T	-0.0665
rs149046260	A	0.0565
rs9869672	G	-0.0655
rs1874864	C	0.013
rs116273246	G	-0.0535
rs112871524	C	0.0336
rs78335305	A	-0.0532
rs2633784	A	-0.0197
rs13065831	T	-0.0186
rs13095577	G	0.0197
rs146274118	G	-0.0731
rs73012178	A	0.0689
rs78213829	G	0.0697
rs2035531	C	0.0245
rs114172274	C	-0.0407
rs150727807	C	0.0531
rs144364409	T	-0.0593
rs115324892	T	0.0484
rs142664566	A	0.0605
rs77662794	T	-0.0217
rs16826489	T	-0.018
rs9812393	G	0.0127
rs57473053	T	-0.0188
rs113133986	T	-0.0409
rs2618104	C	-0.0117
rs34758081	T	0.0295
rs12630172	G	0.0833
rs11719454	G	-0.0122
rs77229004	G	0.029
rs1166950	C	0.0115
rs7620426	C	-0.013
rs1153451	C	0.0158
rs9853437	A	0.034
rs55908433	T	-0.0198
rs75795560	C	-0.0417
rs79240769	A	-0.0418
rs73157936	A	0.0826
rs35226739	G	0.0596
rs60602014	T	-0.0142
rs71312161	G	0.0172
rs149173613	C	0.0988
rs9831974	A	0.0156
rs78711060	C	0.0315
rs7634198	C	-0.039
rs76957034	G	0.0324
rs6444721	T	0.0216

rs78769706	G	-0.079
rs6784632	T	-0.0123
rs6775716	T	-0.0115
rs358800	G	-0.0133
rs116410584	G	0.0349
rs78283911	G	0.0307
rs73178525	C	-0.0626
rs72626367	G	0.0427
rs340313	G	0.0122
rs74825069	A	0.0394
rs73032236	C	-0.0354
rs12054151	T	0.0247
rs61612306	A	-0.0211
rs13325109	C	0.0215
rs7615776	A	0.0119
rs7648312	T	-0.0671
rs62408947	A	-0.0307
rs116557290	A	0.0576
rs6788405	G	0.0252
rs12492385	T	0.0123
rs4685846	G	0.0111
rs776122	A	0.0157
rs1877648	G	-0.0222
rs76017802	G	-0.0376
rs112899574	T	0.0573
rs4386494	C	-0.0283
rs73131561	A	-0.0815
rs145583594	G	0.093
rs113685194	G	0.0447
rs77527655	A	-0.0469
rs1879903	A	0.018
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rs149520044	A	0.0575
rs73153862	G	0.0656
rs13086069	C	-0.0342
rs551936	C	-0.0165
rs73111927	C	0.0529
rs17016781	G	-0.0151
rs74427322	T	-0.0756
rs6802153	C	-0.0125
rs1376124	C	-0.0109
rs77376802	T	-0.037
rs147357622	C	-0.0794
rs75742992	A	0.0461
rs35156804	A	-0.0175
rs76287951	A	-0.0269
rs389993	C	0.0132

rs2199412	T	0.0657
rs76361117	A	0.0182
rs844447	G	0.0159
rs113405452	A	0.0241
rs9883703	A	0.0176
rs78869026	A	-0.0629
rs1464938	A	-0.0134
rs17816056	C	-0.0165
rs75338613	T	0.0758
rs74909672	G	-0.0403
rs13314468	G	-0.0155
rs6782875	T	-0.0128
rs13325320	A	-0.0251
rs72497194	T	-0.0837
rs9836150	A	0.0294
rs116089341	C	-0.0291
rs146965269	A	-0.0741
rs4303904	T	-0.0215
rs73069684	A	0.014
rs75470348	G	-0.044
rs78541080	A	0.0217
rs34164333	T	0.0281
rs111858057	A	0.0232
rs187250	T	0.0146
rs115985027	C	-0.0561
rs67744100	T	0.0686
rs73159611	T	-0.0304
rs6771606	C	0.0147
rs138629559	A	-0.0519
rs74368926	G	-0.0463
rs4434114	G	-0.0128
rs2640543	A	-0.0115
rs75124746	A	-0.0482
rs6803149	A	0.0216
rs74503053	A	0.0373
rs17352589	C	-0.0157
rs78853938	T	0.0909
rs145051920	T	0.0528
rs141605774	G	-0.0336
rs62270461	T	0.0189
rs55736258	A	0.0461
rs78394456	T	-0.0368
rs12488317	T	0.0121
rs6781364	A	0.016
rs78741023	A	-0.0317
rs62287432	A	-0.0472
rs73184213	A	0.0407

rs1564072	A	-0.015
rs919183	T	-0.0232
rs4467418	A	0.0167
rs77390939	T	-0.0288
rs2971207	C	0.0135
rs62269564	T	0.0507
rs13059435	C	0.0116
rs73029995	A	-0.0387
rs7612021	A	-0.0226
rs79742281	G	0.0336
rs17195449	T	-0.029
rs113786857	A	-0.0994
rs10865821	C	-0.0115
rs11719970	A	0.0174
rs12495816	G	-0.0117
rs116753589	A	-0.0133
rs1498034	T	-0.0147
rs114739953	C	0.0775
rs1687319	A	0.0141
rs58527891	T	-0.0286
rs28884187	C	-0.0128
rs149976599	T	0.0429
rs17799480	G	0.0211
rs28535693	A	-0.0433
rs78650300	T	-0.0343
rs115033741	G	0.0732
rs11929381	A	0.0162
rs56177558	C	-0.0655
rs66585630	C	0.0164
rs114108536	G	0.0745
rs62265457	G	-0.0346
rs36038	A	-0.028
rs140970198	A	-0.0585
rs16839790	G	-0.0456
rs832069	G	0.0156
rs62245824	C	0.0227
rs6783091	T	-0.012
rs74778200	C	0.06
rs142361244	G	0.039
rs9809043	T	0.0243
rs55683368	C	-0.0205
rs3912513	C	-0.0136
rs149202809	T	0.0742
rs79375727	T	0.0287
rs79386545	C	0.0272
rs73124089	T	-0.0563
rs4487235	A	-0.0125

rs145344806	T	0.05
rs111497512	C	-0.0526
rs2717297	T	0.0112
rs9877709	C	0.0164
rs9861956	A	-0.0146
rs13062556	G	0.048
rs77806233	A	0.0527
rs74450239	T	0.0131
rs59274440	A	-0.0286
rs62269252	G	-0.025
rs17023712	G	0.0266
rs115978216	C	-0.058
rs79213821	G	0.0611
rs73079247	A	0.0955
rs1456095	T	-0.0114
rs2339463	A	-0.0114
rs78681606	A	0.022
rs1431500	C	0.0138
rs55939259	T	0.0187
rs71323484	A	-0.014
rs148112249	A	0.0598
rs13100275	G	-0.0147
rs1152110	C	0.0603
rs145583309	C	-0.0908
rs1397219	C	0.0113
rs55824267	A	0.022
rs62233326	G	0.0744
rs79931595	A	0.0453
rs143419918	A	-0.032
rs114429998	G	-0.0598
rs7340588	A	-0.0152
rs4894609	G	0.0116
rs116323329	A	0.0221
rs2245381	T	-0.0312
rs116320309	A	-0.0376
rs114593471	T	-0.0884
rs71304457	A	0.0199
rs74280180	G	0.0277
rs7647302	A	-0.0427
rs267157	C	0.0165
rs114356993	T	0.0428
rs2571210	G	-0.0236
rs9829327	C	0.0171
rs116753621	A	0.0642
rs111419354	C	-0.0184
rs142068622	T	-0.081
rs34782628	T	0.0311

rs139636264	T	0.0687
rs9841269	C	0.0134
rs17590394	G	0.0146
rs1355069	C	0.0166
rs74442140	C	-0.05
rs11916734	T	-0.0217
rs112741036	A	0.0823
rs139725688	C	-0.0485
rs60753809	T	0.0481
rs74763677	G	0.0321
rs11716046	G	0.0836
rs115667335	A	-0.057
rs9882126	T	-0.0132
rs12497995	A	0.0157
rs74844010	T	0.0614
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rs13064868	A	-0.0415
rs77879935	G	-0.0216
rs782438	T	0.0114
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rs2734354	G	0.0116
rs73877152	A	0.0344
rs77693286	A	0.0467
rs76490952	T	-0.0333
rs62251411	A	0.0178
rs34785844	A	-0.015
rs1499214	T	-0.0126
rs3755573	T	-0.0124
rs114361022	C	0.0435
rs7639975	A	0.0239
rs75734107	G	0.0357
rs6805118	T	-0.0235
rs13059508	G	-0.0152
rs9851357	T	-0.0176
rs17259367	T	-0.0133
rs62287663	C	0.03
rs77057073	T	0.0247
rs80253929	T	0.0262
rs13078231	C	-0.0322
rs115404863	T	-0.0851
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rs115376593	A	0.0588
rs114337452	A	-0.0506
rs3184121	A	-0.0137
rs77685961	C	0.0577
rs7619771	T	-0.0214
rs9840486	G	-0.0147

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rs6804349	A	-0.0269
rs73000224	A	-0.0212
rs13078169	A	-0.078
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rs141766416	A	-0.0754
rs78459863	T	-0.0513
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rs75446952	G	0.059
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rs16864343	G	0.0594
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rs143171922	T	-0.047
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rs115392189	A	-0.0234
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rs17047630	A	-0.0143
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rs115076594	T	0.0756
rs9637504	A	0.0354
rs12489454	C	0.015
rs4677010	G	-0.0785
rs62276870	A	0.0254
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rs704270	C	0.0169
rs822713	G	-0.0122
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rs10865894	G	-0.0124
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rs2103293	A	0.0191
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rs76033971	C	-0.0661
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rs6810025	C	0.0217
rs62272764	T	-0.0703
rs62287502	T	0.0433
rs11719628	T	-0.0185
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rs1469372	G	0.0189
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rs73021822	T	-0.0343
rs7371783	G	-0.0406
rs73055545	G	-0.0211
rs73071076	A	-0.05
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rs78348953	A	0.0393
rs144941662	T	0.0504
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rs55745281	A	-0.0289
rs6804929	A	0.0188
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rs317529	G	-0.0121
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rs4515095	T	-0.0129
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rs115210252	C	-0.029
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rs114347360	C	-0.057
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rs9829985	A	-0.0123
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rs78961196	T	0.0769
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rs140645146	T	-0.0661
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rs4425256	T	-0.0396
rs77079130	T	0.0632
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rs11717545	G	-0.0161
rs116513697	T	0.0632
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rs28495131	G	-0.0148
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rs9883447	G	-0.0247
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rs141972463	T	-0.0167
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rs76565346	A	0.1047
rs75191269	A	-0.1746
rs115692550	T	-0.1531
rs11736110	T	-0.1527
rs17225222	C	0.1515
rs10022344	T	-0.1247
rs6553385	T	0.0872
rs9992489	G	-0.0759
rs4286594	G	-0.0667

rs76858577	A	-0.232
rs2704101	T	0.1611
rs28670348	G	0.1173
rs75916282	A	0.1758
rs13144400	T	0.0628
rs1852791	T	0.0693
rs74726847	T	0.3936
rs115235226	A	0.1746
rs11725488	T	-0.0792
rs6848864	G	0.0937
rs2419533	A	-0.0745
rs13138250	C	-0.0927
rs3913624	G	-0.0576
rs115639603	T	0.2757
rs151024602	C	0.2494
rs899385	A	-0.1227
rs2677003	C	0.0884
rs1838973	A	0.1452
rs6552175	T	0.0691
rs147032728	A	0.3511
rs28741982	C	-0.0575
rs6834759	C	-0.0603
rs6537481	G	-0.0651
rs3113685	G	-0.0703
rs16850078	C	0.114
rs11097017	A	0.0697
rs6852075	G	-0.0597
rs28417530	G	0.073
rs72671970	T	0.3873
rs34992898	G	-0.1136
rs17781348	A	0.0954
rs7663602	G	-0.0638
rs1609045	T	-0.1625
rs11944518	G	-0.1967
rs62312621	T	-0.3157
rs28713731	G	-0.0564
rs1448445	T	0.064
rs59776273	T	-0.0761
rs11935530	T	-0.0557
rs17828156	G	-0.0962
rs17430167	G	-0.0941
rs151254907	A	0.2814
rs34454034	T	0.1849
rs116392847	T	0.123
rs2070897	G	0.0572
rs7440299	A	0.0548
rs13114818	C	0.0744

rs4276313	C	0.1797
rs4580644	T	0.0535
rs28638233	T	0.1442
rs112963641	A	0.1876
rs17226314	C	0.21
rs12646768	T	-0.0753
rs2664202	T	0.0939
rs4695155	T	-0.067
rs1490874	C	0.1059
rs3814419	A	0.0679
rs139230370	T	0.0998
rs141628886	G	0.3409
rs137952751	A	0.2974
rs12647784	C	0.0599
rs80070755	G	-0.212
rs12648110	T	0.0756
rs76747600	A	-0.1274
rs78520965	A	0.2483
rs116550968	A	-0.3607
rs62342246	C	-0.1358
rs532070	A	0.0645
rs17443616	A	-0.1034
rs72685160	C	-0.2397
rs73155595	T	0.0975
rs2136987	C	0.4517
rs59405699	C	-0.4438
rs56323501	C	-0.1818
rs1598770	A	0.1056
rs115321366	C	-0.3684
rs17818679	C	-0.067
rs35816121	C	0.0854
rs10009630	G	0.2151
rs17444455	C	-0.0668
rs4530607	T	-0.0592
rs12649638	G	0.1165
rs140434726	G	0.4888
rs149999202	G	0.1813
rs139939915	G	-0.3444
rs35393701	G	-0.329
rs13137601	G	-0.0616
rs12648451	A	0.1259
rs3815191	G	0.1008
rs1910387	A	0.2948
rs74534982	C	0.3185
rs4859461	C	0.1004
rs78061235	T	0.1726
rs11097547	G	0.0704

rs74383303	C	0.3734
rs1439483	C	0.0545
rs115815527	T	0.2237
rs10012882	C	0.177
rs7655894	T	-0.1504
rs12510683	G	0.067
rs75315331	A	-0.2319
rs79376038	C	-0.1399
rs7655606	T	-0.0712
rs56241474	T	0.0554
rs4697814	G	0.0516
rs6857521	C	0.0548
rs78781045	T	-0.1527
rs62328349	G	0.1338
rs115626206	T	0.1876
rs7687486	A	0.0561
rs6449111	G	-0.2759
rs2618964	C	0.0663
rs77864316	G	0.2124
rs2875344	A	-0.0571
rs77360201	C	0.3288
rs78052401	A	-0.163
rs1005595	A	-0.0628
rs61793184	G	-0.0919
rs116253673	A	-0.2079
rs112175284	C	0.0829
rs117521076	C	0.292
rs4374611	G	0.0733
rs147212363	G	0.1563
rs11724259	T	0.0691
rs356182	G	-0.0557
rs79861056	A	-0.1887
rs896122	C	-0.0578
rs4256192	G	0.0527
rs6820522	C	-0.0552
rs1406674	T	0.0513
rs80255678	T	0.0819
rs6815519	T	-0.0511
rs11725679	T	0.0506
rs112282407	G	0.1919
rs75273905	C	0.069
rs77824785	T	0.1521
rs78728668	T	0.1484
rs7687303	C	0.0916
rs11734408	G	-0.0561
rs17724191	C	0.1754
rs10005650	G	0.1264

rs79369874	C	-0.14
rs16998851	T	-0.0833
rs151290292	A	-0.2832
rs3857196	C	-0.1792
rs111321131	A	-0.0796
rs7687666	A	0.0523
rs73007848	C	-0.1485
rs12647430	C	0.0554
rs7689725	G	0.0521
rs28583538	C	0.089
rs73233729	T	0.2458
rs115229355	A	-0.2359
rs1039053	A	0.0525
rs887522	C	-0.0793
rs28473478	A	0.0568
rs77722436	G	-0.1106
rs74624126	T	-0.2537
rs13138294	G	-0.0572
rs80071135	T	0.1888
rs4698806	G	0.0535
rs2602098	G	0.0674
rs34386539	A	-0.1791
rs79669500	T	0.1105
rs10032712	G	-0.1102
rs13113470	G	0.0826
rs6841198	C	0.067
rs6532049	T	-0.0631
rs147898638	C	0.1971
rs35022883	G	0.0599
rs73247939	T	-0.2648
rs12504318	A	-0.1296
rs112189487	G	0.052
rs13152034	A	-0.1285
rs1447330	T	0.0715
rs79629461	A	0.0661
rs10517783	C	0.0509
rs1493130	G	0.0881
rs7690142	G	0.0812
rs1026873	T	-0.0502
rs17068140	G	-0.093
rs74727167	G	0.2376
rs12641639	C	0.1201
rs62333243	A	0.2312
rs355483	A	-0.0507
rs11096896	C	0.0827
rs72679678	T	0.1174
rs16893097	T	-0.077

rs150224478	G	0.2746
rs1509948	T	-0.0493
rs140859298	G	-0.3069
rs73237701	G	-0.2319
rs56220736	T	-0.2532
rs1040122	C	-0.1095
rs2717532	C	-0.0805
rs1123943	C	-0.051
rs17632695	C	-0.2209
rs35098345	T	-0.0634
rs13114723	G	0.0593
rs150172324	A	0.1382
rs4401458	G	-0.0488
rs1383182	G	-0.0503
rs10488827	A	-0.0864
rs75272931	C	0.2249
rs7690184	A	0.0826
rs72674460	T	0.1827
rs114487846	C	-0.195
rs11930433	G	-0.0635
rs12374332	G	-0.0531
rs74617719	C	-0.2104
rs3108402	T	-0.0571
rs61208990	G	0.0775
rs72679391	T	0.1587
rs6830249	T	0.1469
rs62324212	A	-0.0513
rs17420773	G	-0.0661
rs77842115	G	-0.3094
rs28660029	A	0.0537
rs149816153	A	0.2088
rs74710018	A	-0.1814
rs76440260	A	0.1015
rs11731491	A	0.0935
rs2627658	G	0.0584
rs62345156	T	0.2117
rs78040608	A	-0.305
rs4144862	G	0.0602
rs75763941	G	0.2966
rs58202742	A	0.134
rs28754692	C	0.0681
rs72698567	T	-0.1299
rs139617966	T	0.2761
rs17029766	C	0.0818
rs6448444	A	0.0552
rs9990563	C	0.066
rs2709815	T	0.0478

rs7682322	C	0.0485
rs78736235	G	0.1932
rs62322612	T	-0.3149
rs6830918	C	-0.0528
rs10022720	C	-0.0493
rs1596480	A	-0.0594
rs11947781	G	0.0591
rs76384789	C	0.2962
rs1500488	G	-0.0492
rs7662017	C	-0.05
rs4505759	T	-0.0552
rs78565744	T	-0.2479
rs139166969	A	-0.1456
rs13434757	G	0.1768
rs78404370	C	-0.323
rs77243209	A	0.199
rs6447641	C	-0.053
rs10014562	G	0.0654
rs114975256	G	0.427
rs62311657	A	0.0658
rs2661525	C	-0.0517
rs112831077	G	0.2507
rs6839041	G	-0.0588
rs62284507	T	0.088
rs11930711	A	0.09
rs145236946	G	0.2457
rs72693904	A	0.0856
rs57581623	G	0.057
rs1547578	T	-0.0615
rs59848484	A	-0.0598
rs4484253	C	-0.0491
rs13145913	T	-0.0486
rs79444700	C	0.1802
rs75363979	C	0.2632
rs13110718	A	-0.0572
rs113022439	T	0.1967
rs10033590	C	-0.205
rs57431211	T	0.1743
rs11930481	C	0.331
rs11938536	A	0.0463
rs12642873	C	-0.0704
rs115770011	T	0.1539
rs78538083	C	0.1343
rs11131363	G	0.0569
rs4697157	G	-0.0559
rs113954392	A	0.1503
rs148578549	G	0.1782

rs75123767	G	0.1374
rs111741377	G	0.1647
rs10517082	T	-0.088
rs13123947	G	-0.1334
rs79053555	A	0.3271
rs72981427	G	0.2114
rs4689239	G	-0.0475
rs11930322	G	-0.0697
rs113423134	T	0.0647
rs74854626	A	-0.2481
rs145177661	T	0.2733
rs67406644	A	0.3551
rs3136534	G	-0.0507
rs17382351	G	-0.0498
rs9715777	C	-0.0583
rs151095241	G	0.1427
rs3756048	C	0.1323
rs4956401	T	0.1133
rs17462867	C	-0.1497
rs4697595	G	-0.0584
rs6838254	A	0.2429
rs147413574	C	0.3324
rs908645	A	-0.0698
rs2662692	T	-0.0517
rs72671336	G	0.0608
rs13151384	A	-0.1177
rs1824456	A	0.1554
rs7677200	G	-0.0459
rs1505463	G	0.0497
rs9997457	C	0.272
rs116514866	C	0.1184
rs12650045	G	0.1643
rs149297013	C	0.1334
rs114335822	T	-0.221
rs6532200	A	0.1779
rs111987991	G	0.2019
rs71596039	G	0.0776
rs4590055	A	-0.1704
rs147698510	G	0.3924
rs4862165	A	0.1056
rs73230755	A	0.1523
rs2114534	G	-0.0465
rs1442162	T	-0.0458
rs76834656	C	0.2559
rs35554355	G	-0.3771
rs17059398	T	0.3074
rs140920376	T	0.2631

rs2391118	C	0.1723
rs80348846	G	-0.0898
rs1585405	C	0.0563
rs116499964	G	-0.3109
rs71607688	C	-0.3276
rs1465041	C	0.0562
rs13125185	G	0.1101
rs34328158	G	-0.1996
rs76529253	G	0.1929
rs77344927	A	-0.0561
rs77628853	A	0.0741
rs75618599	T	0.0995
rs6447580	A	-0.0499
rs2939714	G	0.0462
rs114811716	A	0.2382
rs114503963	G	-0.2187
rs6810820	G	0.0588
rs17036750	C	0.1642
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rs13109759	G	0.0754
rs2579328	G	0.2153
rs4860285	T	-0.0566
rs1455283	C	0.1787
rs6811047	A	-0.0597
rs138031449	T	-0.1264
rs57263875	A	-0.1232
rs145802912	A	-0.0752
rs11930217	C	-0.1648
rs113030184	T	-0.2656
rs72684592	C	0.1525
rs114769693	G	0.3342
rs6814204	T	-0.0577
rs72642336	A	-0.0538
rs58512609	C	-0.0775
rs28877724	T	0.0459
rs10027066	C	-0.0653
rs177767	G	0.0608
rs114761705	C	-0.0824
rs78097866	T	0.2086
rs77297476	T	0.2207
rs17277050	T	0.1333
rs62321870	A	0.1608
rs1655062	A	0.089
rs115488754	T	-0.2519
rs1512154	C	-0.1051
rs6838596	C	0.0515
rs11942403	A	-0.1124

rs75786576	A	0.4203
rs402681	T	-0.0532
rs72723546	C	-0.2249
rs77528533	T	0.1234
rs67178898	C	-0.104
rs3113662	C	-0.0549
rs114032269	C	0.2836
rs58496125	G	0.1676
rs114863055	G	0.2042
rs151133831	A	-0.1111
rs62293621	T	-0.2959
rs2320728	C	0.0465
rs78235053	C	0.0776
rs2739536	T	-0.0941
rs57919830	G	0.0471
rs1380000	T	-0.0496
rs7699651	T	0.0559
rs17576943	T	0.0611
rs41371952	G	0.0594
rs4359979	C	-0.0509
rs10023405	G	0.051
rs11133239	C	0.0634
rs3796741	A	-0.1138
rs7697153	T	-0.0619
rs10007447	G	-0.0497
rs1456340	C	-0.1683
rs10938911	G	0.0468
rs2319658	C	-0.0598
rs4289472	G	0.1918
rs76922518	A	0.1538
rs7667911	A	0.0684
rs28426978	A	-0.079
rs12639626	T	-0.0565
rs4696309	T	-0.0515
rs1358234	C	-0.0616
rs17011645	G	-0.0799
rs6810676	A	0.0481
rs17186704	C	0.0715
rs76871243	C	-0.2288
rs4690512	A	0.0612
rs17262792	C	-0.0671
rs1946860	G	0.1117
rs28470526	T	-0.0891
rs77483735	T	-0.2459
rs2995922	C	-0.045
rs10003548	G	0.2766
rs6829079	A	0.12

rs16875252	A	0.0592
rs76278076	A	0.2207
rs7694408	T	0.0994
rs76835230	G	-0.2613
rs11941770	T	-0.0439
rs75536648	G	0.2629
rs72955251	A	0.114
rs150679576	T	0.1592
rs16876921	A	0.2692
rs1077767	C	0.0486
rs10518177	T	0.0643
rs76677238	T	-0.0797
rs2354938	A	0.0458
rs115680354	A	0.29
rs4690055	A	0.0433
rs6822805	A	-0.0456
rs3749538	T	0.067
rs9684886	A	0.0444
rs17586246	C	-0.0624
rs17432139	C	-0.0748
rs116108144	G	0.1167
rs67658331	C	-0.0476
rs10001817	G	-0.0471
rs57597075	C	-0.0862
rs3929512	T	0.0763
rs116177267	C	0.2075
rs13122826	A	-0.0835
rs17863009	A	-0.0777
rs143316061	A	-0.1196
rs34342932	A	0.139
rs76028164	A	0.2009
rs28637562	C	-0.0813
rs7700116	T	-0.0684
rs41275731	A	0.2203
rs72695036	T	0.2818
rs13126916	T	-0.0468
rs114151420	C	0.2392
rs6532560	A	0.057
rs3850480	T	-0.0526
rs77501371	A	-0.0922
rs112874360	T	-0.3126
rs10031262	C	0.203
rs17069165	G	0.0858
rs10440393	C	-0.0842
rs34577864	C	0.0472
rs6835814	A	0.0454
rs115329298	A	-0.1633

rs7695146	A	-0.0648
rs6551706	C	0.0592
rs28435566	C	0.1844
rs77957753	G	-0.2557
rs1317220	T	-0.049
rs62310762	G	-0.3365
rs79144278	T	0.3926
rs35934078	C	0.0505
rs143372373	A	-0.0996
rs7685740	C	-0.0859
rs72673784	C	-0.2812
rs9992791	A	0.0507
rs2222309	T	0.0632
rs1389166	C	-0.0422
rs140629140	C	0.3213
rs76800291	G	-0.2179
rs11942888	C	0.0555
rs58143459	C	0.0664
rs999634	C	-0.0433
rs1053504	G	-0.0795
rs2612171	A	0.0567
rs17010884	C	-0.0879
rs12511848	T	-0.0685
rs11934522	G	0.1286
rs7660946	A	-0.062
rs7679058	T	0.0453
rs77170725	G	-0.2519
rs13150771	G	-0.061
rs6817108	C	0.0815
rs6851150	C	-0.0694
rs10012610	T	-0.0434
rs75251702	T	0.063
rs10009783	A	-0.0619
rs13108563	T	0.0904
rs316697	T	0.1054
rs112629155	C	0.191
rs151401	G	0.0498
rs17176423	A	0.1246
rs4342163	T	-0.0426
rs13133645	T	0.2863
rs1491393	C	-0.0793
rs4269165	C	0.0524
rs6833131	A	0.0489
rs4697329	C	-0.08
rs12498329	T	0.0601
rs141461785	T	-0.1938
rs73800650	A	-0.2151

rs66466366	A	-0.1087
rs58398513	G	-0.089
rs17021334	G	-0.08
rs78821115	T	0.1989
rs62299248	C	0.1128
rs147581635	A	-0.1475
rs76407342	C	0.1589
rs11132763	G	0.0634
rs6822185	T	-0.1496
rs6537319	T	0.0918
rs17008558	C	-0.1837
rs114895170	A	-0.2449
rs6836201	C	-0.0661
rs62315779	C	-0.0557
rs71621627	C	0.0827
rs13124636	G	0.0865
rs13110341	A	0.0635
rs12501467	G	-0.1108
rs10034064	T	0.1152
rs11098157	A	0.055
rs2048960	C	0.1019
rs17050782	G	-0.0542
rs149301549	A	0.1505
rs72669577	C	0.1767
rs72672196	G	-0.0549
rs72679354	A	-0.1018
rs7665110	T	-0.0621
rs6531526	A	-0.0602
rs11940331	G	0.0416
rs114060627	A	0.1243
rs10018255	A	-0.0586
rs36037754	A	-0.0726
rs62289343	A	0.1792
rs9685392	G	-0.0511
rs114067868	A	0.2412
rs150918745	G	0.2779
rs13148685	C	-0.182
rs2865447	T	-0.0549
rs28590643	G	-0.1444
rs143820389	T	0.2558
rs17339087	A	0.046
rs2748788	C	-0.0704
rs146153110	T	0.2151
rs75016210	T	0.0928
rs17264946	A	0.1246
rs79381098	G	-0.1684
rs35555785	C	-0.0579

rs72718908	G	0.0779
rs116443016	A	-0.22
rs13119558	C	-0.043
rs306379	A	0.0523
rs142015926	A	0.1969
rs151298711	G	-0.074
rs6553120	G	-0.0526
rs114787950	G	-0.2076
rs78766060	T	0.0773
rs9996114	T	0.0529
rs17587936	C	-0.219
rs1158673	T	-0.0983
rs73214476	C	-0.2867
rs62308486	C	0.3205
rs62323718	A	0.0637
rs28695808	C	-0.0457
rs78867635	T	0.3388
rs4833450	C	-0.0445
rs142583257	T	-0.2371
rs35522890	T	-0.044
rs76603455	T	0.2357
rs7697688	T	-0.0637
rs28405058	G	0.0449
rs1554668	A	0.0686
rs4549469	T	-0.2415
rs148721509	G	-0.271
rs75524817	T	0.1317
rs142628910	A	-0.1715
rs10011957	T	0.0777
rs147592138	A	-0.2136
rs77294559	C	0.1129
rs6815376	T	-0.0855
rs72624139	T	-0.1201
rs6828532	T	0.3141
rs6842598	C	0.049
rs150213911	A	0.1864
rs10015409	C	0.0474
rs6828071	C	0.0446
rs57965291	G	-0.0972
rs73220401	A	0.1246
rs409415	C	0.042
rs75688495	A	0.1352
rs28438980	A	-0.1209
rs4408958	G	0.0554
rs115634774	A	-0.3427
rs13146524	C	-0.0984
rs1564896	C	0.0438

rs2163170	C	-0.0415
rs62312482	G	-0.0457
rs76886108	G	0.1331
rs28436241	A	0.0824
rs115769758	T	-0.2652
rs7665453	G	-0.0605
rs147168099	A	-0.1939
rs73207355	A	0.1068
rs34400800	T	0.0428
rs76535386	T	-0.1544
rs142008817	T	0.2171
rs115318947	G	0.2364
rs3095966	G	0.0435
rs4234951	C	0.0522
rs1588310	T	-0.0424
rs79441297	A	0.2876
rs12498965	C	0.1257
rs79818828	G	-0.138
rs13117159	G	0.0473
rs41278607	A	-0.2459
rs6838718	C	-0.0502
rs75968456	A	-0.1513
rs62320810	C	0.0803
rs17222142	T	0.1189
rs117702061	A	0.2328
rs78966623	A	0.192
rs13143173	T	0.0648
rs62353165	T	0.0814
rs971074	T	-0.0611
rs74322795	C	0.2532
rs60029443	G	0.056
rs1593331	C	0.0414
rs147979361	C	-0.2169
rs60369176	A	-0.0761
rs72675906	C	0.0603
rs111430375	G	0.1736
rs72667596	A	-0.1368
rs4458491	A	-0.0491
rs139539281	A	-0.1639
rs142459631	T	0.1349
rs10029875	C	0.2423
rs74335650	G	0.1247
rs55975608	G	0.0591
rs77784915	A	-0.2661
rs10032150	G	-0.0461
rs114804393	C	0.1968
rs1844654	A	0.0525

rs7659392	C	0.0454
rs6841362	A	0.1668
rs76610913	G	0.2512
rs12331575	T	0.1448
rs4696887	A	-0.067
rs1405688	C	-0.0609
rs78715845	C	-0.1568
rs80257338	A	0.1934
rs115239568	G	0.1132
rs6531684	G	-0.0477
rs140932707	C	0.1354
rs114849549	T	0.1176
rs28826999	C	0.0575
rs62329630	C	0.1245
rs2320289	C	-0.0505
rs1506604	T	-0.0722
rs34477647	C	-0.0506
rs1372490	C	0.0408
rs2251997	T	-0.0489
rs75938851	T	0.2062
rs6830971	G	0.058
rs114490173	T	-0.3016
rs116104732	G	0.0871
rs72670366	T	-0.1875
rs3896032	C	0.0636
rs149206917	G	0.23
rs78401789	A	-0.0943
rs114344625	A	0.4092
rs73207315	G	0.2584
rs62308322	G	-0.0596
rs4425326	T	-0.0426
rs4356969	C	-0.0548
rs17002781	A	0.0861
rs139456087	G	0.23
rs11100877	C	-0.0468
rs12508223	A	0.0405
rs11724319	G	-0.0535
rs80285085	T	-0.1656
rs9992624	C	0.251
rs11736026	C	0.1931
rs72665779	C	-0.2683
rs7696360	G	0.0414
rs1395229	C	0.0484
rs62335686	A	0.0594
rs6823343	C	0.3046
rs76890549	A	0.2751
rs77638379	G	0.1679

rs7692604	T	-0.0505
rs12510602	C	-0.0754
rs10520485	C	-0.042
rs74640801	A	-0.1647
rs9647414	G	0.1247
rs141874320	G	0.275
rs80288919	A	-0.1673
rs12648167	T	0.0488
rs116027502	A	-0.1273
rs13150392	A	0.1094
rs116831839	A	0.1361
rs75735311	T	0.0712
rs16877099	A	0.2184
rs114611744	A	0.182
rs9884679	C	0.0632
rs62353629	A	0.0552
rs72705773	A	0.0635
rs11723216	C	-0.042
rs2341733	T	0.0436
rs6819771	A	0.0514
rs1554467	A	-0.0791
rs28759823	T	-0.0456
rs115458394	A	-0.2627
rs75830473	G	0.1258
rs13150272	A	0.0452
rs6835453	A	-0.0756
rs75696133	T	-0.2139
rs139331652	C	-0.1846
rs13144931	G	-0.1978
rs800478	C	-0.0497
rs144797230	C	-0.2613
rs115793947	C	0.3384
rs4689471	C	-0.0491
rs73833002	T	0.1654
rs62334719	G	-0.1544
rs149906084	T	0.3014
rs6536559	A	0.0557
rs7438250	G	0.0543
rs73814199	A	-0.1255
rs74907629	A	-0.186
rs2158470	G	0.06
rs28657527	C	-0.0671
rs919052	C	-0.0402
rs28735544	A	0.0458
rs16989912	T	-0.0693
rs6843979	A	-0.0505
rs17609318	G	0.0571

rs16889049	T	0.0469
rs115542123	T	0.1717
rs143963233	A	-0.2308
rs1521758	G	0.053
rs76133703	C	-0.1547
rs72659078	A	0.0862
rs13109075	C	-0.0488
rs1317547	A	-0.0473
rs77216888	T	0.177
rs976717	T	-0.0478
rs11931287	C	0.0397
rs57021447	A	0.0477
rs11573051	T	0.0565
rs58217691	G	0.0564
rs75875587	G	-0.1027
rs7664457	T	-0.0429
rs74704084	A	0.1817
rs75120420	T	-0.1705
rs9291475	A	0.0416
rs12650979	G	-0.0412
rs34639512	G	-0.1718
rs2725268	G	0.0414
rs4859868	A	-0.0448
rs74702064	G	-0.1485
rs62309251	T	-0.0422
rs72645597	G	-0.1719
rs4326010	G	-0.0457
rs140882113	G	0.1803
rs115394378	G	0.1732
rs35178647	G	-0.0866
rs13116846	C	0.0459
rs140837897	T	-0.2863
rs17022406	C	0.1525
rs147015469	T	-0.0717
rs337618	G	0.0593
rs145761320	G	-0.2175
rs145267999	T	-0.3762
rs7673366	A	0.1632
rs80111022	T	-0.2136
rs1369378	A	-0.0544
rs12509587	C	-0.0698
rs77396391	T	0.0804
rs62328226	G	0.1612
rs117489396	A	-0.0987
rs6828606	C	0.0485
rs79235335	A	-0.0535
rs112914164	A	0.0891

rs17034585	C	-0.0651
rs148321555	T	-0.3102
rs13126049	G	0.0554
rs148050226	A	0.2925
rs73245383	C	-0.1678
rs35280329	G	-0.2409
rs147897758	C	0.1733
rs1014238	G	-0.05
rs6827052	T	-0.0881
rs74323350	C	0.2174
rs35108408	A	0.0823
rs11932557	T	0.0724
rs74567889	A	0.3017
rs150715924	C	-0.192
rs80337694	T	-0.1898
rs2870326	G	-0.226
rs6842319	C	0.0431
rs111451617	T	0.1139
rs673099	C	0.1486
rs11724920	C	0.0448
rs41264685	C	-0.1724
rs6822004	C	0.0708
rs3884608	C	0.0402
rs11735413	T	-0.3028
rs28705815	G	0.0973
rs115348904	T	-0.1275
rs2726802	C	-0.075
rs13102909	A	-0.0436
rs17050661	T	0.2143
rs62409648	A	-0.1547
rs79779548	A	-0.0862
rs139725681	A	0.0653
rs6533279	A	0.0431
rs145846805	T	0.2097
rs73225538	G	0.2453
rs62320484	A	0.2323
rs6836400	T	-0.0685
rs74618463	T	0.3656
rs28813082	T	-0.1741
rs62324262	A	0.0634
rs1451117	T	-0.0543
rs7677529	A	-0.0506
rs10516182	C	0.0441
rs2191611	C	-0.0613
rs2176787	C	-0.0491
rs77041456	T	-0.1411
rs2255355	C	0.0782

rs62309352	G	0.1593
rs143632449	T	-0.2036
rs4694536	G	-0.0436
rs62327006	G	0.0625
rs11737088	G	-0.2289
rs80325045	T	-0.3159
rs1490463	T	-0.086
rs17327389	G	-0.2611
rs13118107	G	0.0391
rs3828486	G	-0.0591
rs442224	A	-0.0578
rs115687569	A	0.1188
rs139922558	T	-0.2102
rs4001775	G	-0.0497
rs73079699	T	0.1048
rs17463278	C	0.0465
rs1406077	C	0.0418
rs80179122	C	0.1687
rs74393135	A	0.2557
rs144106045	G	0.1579
rs1516700	A	0.0452
rs76540178	A	-0.1008
rs115366323	T	-0.3744
rs6849033	C	-0.0491
rs12647978	A	0.0884
rs17779945	A	0.1892
rs115401423	G	0.2257
rs10012100	C	0.0613
rs8192033	T	0.1393
rs971472	T	-0.0585
rs11734206	A	0.1557
rs17000106	G	-0.0905
rs67809936	C	-0.061
rs12507758	C	-0.0405
rs13119847	A	0.0449
rs12507078	A	0.0712
rs71607073	C	-0.2001
rs147562678	G	0.2118
rs115567535	A	0.1506
rs13121109	G	-0.0643
rs115896344	A	0.179
rs7673594	T	-0.0688
rs1962230	A	-0.0938
rs139826977	G	-0.2167
rs6814136	T	-0.0487
rs10103	C	-0.0578
rs949765	T	0.0422

rs4512054	G	0.1138
rs13143169	C	0.0517
rs11733278	A	-0.0515
rs8732	G	-0.065
rs62334793	G	-0.0455
rs4833127	C	-0.0925
rs4693274	T	-0.0562
rs28373185	C	0.1035
rs11725478	G	-0.0642
rs7692071	C	0.0779
rs71614563	G	-0.2377
rs639194	C	0.0423
rs843603	T	-0.0619
rs73236592	T	-0.1487
rs1376535	T	-0.0697
rs956469	T	-0.0407
rs68074578	C	-0.0787
rs1439381	C	-0.0402
rs78723763	T	-0.2092
rs2313360	A	-0.0548
rs1378914	T	-0.1863
rs141784116	T	-0.075
rs17014050	C	-0.0765
rs141274311	G	0.3077
rs4607271	A	0.0426
rs62312398	T	-0.1708
rs80036690	G	0.2192
rs7436241	G	-0.3176
rs10428466	G	-0.0503
rs1154431	G	0.1325
rs12505159	G	0.0457
rs5020094	C	-0.0519
rs114662270	G	-0.1361
rs11730564	T	-0.0668
rs79030744	C	0.1339
rs10007444	T	0.0409
rs2196985	C	0.0403
rs7661467	A	-0.0488
rs11946340	T	-0.0608
rs72710259	T	-0.0884
rs71613287	G	0.1794
rs12499461	C	0.0454
rs11933374	G	0.0481
rs62354059	G	-0.0646
rs4863510	A	-0.0471
rs6551601	T	-0.0602
rs6533086	T	-0.0833

rs79281504	T	-0.0983
rs116131612	C	-0.1923
rs7675903	A	-0.0411
rs11725460	G	-0.046
rs2570731	C	0.0432
rs4859453	A	0.0464
rs140992313	T	-0.1184
rs2080213	A	0.0741
rs1975275	C	0.1533
rs62318370	T	0.186
rs13147656	G	0.0488
rs78009493	A	0.1813
rs78116835	A	-0.1034
rs115798843	G	0.1928
rs28733166	T	0.0574
rs111100483	A	0.056
rs148413146	T	0.2483
rs58429763	A	-0.0623
rs74708851	T	0.0964
rs1909910	G	0.0964
rs74884267	A	-0.2276
rs147277890	A	-0.1814
rs2170742	G	-0.0409
rs1369657	A	-0.16
rs35694135	G	0.0652
rs56020774	A	-0.0605
rs114564114	A	-0.2085
rs75783278	T	-0.214
rs7660775	C	-0.0549
rs76261691	A	-0.2731
rs73242681	T	0.0944
rs13135493	C	-0.0554
rs6847236	A	-0.0578
rs16839667	G	0.0618
rs114839257	A	0.2981
rs13149752	C	0.0412
rs62320158	A	-0.1024
rs6845142	A	0.1315
rs4317240	A	0.0484
rs13143223	T	-0.0982
rs10050115	G	-0.0419
rs35176842	A	0.0674
rs73243402	A	-0.0461
rs76747862	T	-0.1161
rs73077177	T	0.1292
rs73130814	A	0.1431
rs6829825	A	0.1438

rs61793498	T	-0.2298
rs62315556	T	-0.189
rs6813566	C	-0.0709
rs9759686	A	-0.0446
rs62329161	A	0.0586
rs11722710	C	0.1394
rs627001	A	0.0423
rs4697255	T	0.0491
rs112042647	T	-0.1032
rs146643212	C	0.1935
rs1947473	C	0.0475
rs7654142	A	-0.0764
rs10018274	A	-0.0538
rs6828566	G	0.1733
rs17329373	G	-0.118
rs6838700	A	-0.0412
rs112951213	A	-0.1717
rs143778384	G	0.163
rs116170870	T	0.078
rs10001483	G	0.0687
rs115491410	G	0.2154
rs147560904	C	-0.1276
rs141298892	A	0.2077
rs13112750	T	0.0479
rs1203119	A	-0.0828
rs75751562	G	-0.0639
rs1458663	A	0.0402
rs140340926	G	0.2401
rs115130258	G	0.1869
rs34301983	C	-0.0449
rs10488898	A	0.0755
rs3922934	A	-0.0759
rs6833190	C	0.057
rs4693715	G	0.0722
rs7437246	T	0.0398
rs35027894	T	-0.2803
rs115116901	G	0.0939
rs1398927	A	-0.0443
rs115154524	A	0.2953
rs77902310	C	0.1043
rs150306271	T	-0.0673
rs2878123	G	-0.064
rs10003457	A	0.1278
rs17084447	C	0.2321
rs35725685	G	-0.0557
rs116094982	T	-0.1375
rs28691029	G	0.1914

rs1973457	T	0.0623
rs72656257	C	0.0708
rs112650923	A	0.0567
rs115266002	G	-0.1202
rs116476130	G	0.1911
rs4466078	T	0.2846
rs1824951	C	0.105
rs116746847	G	-0.183
rs7377964	A	0.0393
rs77120326	T	0.1884
rs34126804	T	0.0471
rs1713998	G	0.0399
rs6815102	C	0.0471
rs6835621	A	-0.05
rs17314566	A	-0.0804
rs78748122	T	-0.1184
rs56051818	T	0.07
rs28813081	A	0.0885
rs72735979	A	-0.1733
rs7664875	A	-0.0777
rs1552805	G	0.0509
rs114982877	A	0.2956
rs2537928	C	-0.1082
rs139213496	C	0.0998
rs116425665	A	0.1341
rs74865203	G	0.2073
rs7672481	G	0.0467
rs74878464	T	-0.0819
rs112817626	A	0.1772
rs6845206	T	0.0425
rs13102364	A	0.0911
rs11944032	C	0.0477
rs59243509	C	0.0991
rs12649891	T	0.0811
rs1704156	T	-0.0486
rs72708376	G	0.0801
rs149687634	T	0.1291
rs6824711	T	0.1365
rs78244682	A	0.1713
rs4418043	G	0.0862
rs76367363	C	0.1228
rs140265360	A	-0.2155
rs71607370	A	0.074
rs12641239	C	-0.041
rs144769710	A	0.1074
rs34322227	G	-0.2747
rs13116938	T	0.2151

rs13150227	A	-0.1531
rs713508	T	0.0392
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rs34055610	T	0.0397
rs7665284	G	0.042
rs113472276	G	-0.0446
rs297302	C	-0.0433
rs1459807	G	-0.0409
rs11938470	T	-0.0564
rs2114532	T	0.1436
rs13138555	A	-0.0443
rs965586	A	-0.1022
rs6849636	C	0.1304
rs28667193	T	-0.2765
rs72681007	C	0.0973
rs114975118	T	0.2003
rs148689802	G	0.2105
rs972311	T	0.0389
rs113999871	C	-0.1513
rs11724402	A	0.091
rs150996093	A	-0.1922
rs75271724	G	-0.4444
rs17627325	A	0.3023
rs11936454	A	0.0506
rs62312577	A	0.2797
rs60013386	A	-0.0829
rs34205168	C	-0.0398
rs62317577	A	-0.3532
rs114256598	T	-0.2315
rs73107308	A	0.2646
rs80345023	A	-0.1227
rs148790048	A	-0.2139
rs73253663	T	-0.0993
rs146963500	G	-0.189
rs7696474	C	0.0403
rs77866269	A	-0.143
rs34780681	T	0.229
rs2130908	T	-0.0507
rs6820936	T	0.0412
rs115668064	T	-0.1877
rs4835479	T	-0.0887
rs143544103	T	0.1969
rs76236210	A	0.1155
rs732129	G	-0.1761
rs28924077	T	0.0758
rs343178	C	-0.0383

rs72617714	T	0.1056
rs13126318	A	0.066
rs111760427	T	-0.0407
rs2681355	A	0.1991
rs115758507	C	0.138
rs7439122	C	0.2424
rs72682223	A	-0.1755
rs17866009	G	0.0916
rs1380347	A	0.038
rs35689501	A	0.091
rs4698436	T	0.2345
rs114928387	T	0.1755
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rs4234850	T	-0.0531
rs9990699	C	0.0466
rs62296375	A	0.0687
rs77381980	T	0.1617
rs359485	G	0.2024
rs73128950	C	0.1165
rs73230513	A	0.0583
rs116799441	A	0.2345
rs62305643	T	0.1695
rs35783932	G	-0.0634
rs72676982	A	0.0891
rs72664700	G	-0.1717
rs79087124	C	0.1073
rs114053001	A	-0.2385
rs80234081	C	-0.1143
rs74778730	G	-0.1683
rs116626258	A	-0.2751
rs55851362	T	0.041
rs2060670	T	0.0385
rs9995191	G	-0.0378
rs10517450	C	0.0449
rs149877145	C	0.2828
rs79904956	C	-0.1137
rs72726369	T	0.0709
rs1463793	G	-0.0392
rs74765783	A	-0.2714
rs114147029	G	0.0893
rs78003947	A	0.1484
rs72686502	G	0.0791
rs9714626	T	0.1631
rs113228127	G	0.195
rs11725123	A	0.0532
rs6811075	A	-0.0399
rs78521367	A	-0.1026

rs111992470	T	0.196
rs75412472	A	-0.1398
rs55761002	T	0.1816
rs11734825	G	0.154
rs78313453	T	-0.1849
rs17724678	G	-0.1928
rs11777	C	0.0654
rs4863186	C	0.0557
rs72662058	C	0.1415
rs2604585	C	-0.0508
rs79282394	A	-0.2176
rs7686499	C	-0.0505
rs6816536	A	0.1731
rs10006776	C	0.038
rs56822412	A	0.1658
rs77605486	C	-0.2413
rs73248645	T	0.0603
rs750695	G	0.0379
rs9991737	C	0.041
rs2075633	C	-0.0418
rs78963196	A	0.1679
rs62282754	G	-0.0531
rs6834451	A	0.0685
rs116102386	C	-0.2305
rs28415558	G	-0.0613
rs11724321	T	-0.1273
rs11725795	C	0.1124
rs79684617	A	-0.1544
rs62321561	A	-0.174
rs62346549	A	-0.1104
rs4632699	G	0.1325
rs72689009	G	0.1848
rs13117351	A	-0.0443
rs13152636	A	-0.2711
rs6822272	C	0.0461
rs72687755	T	-0.0823
rs4691306	T	0.0415
rs9884312	G	0.0376
rs35723722	A	0.0438
rs76911856	T	-0.2781
rs62312825	T	0.0514
rs1994313	A	-0.0379
rs16874090	C	-0.0445
rs10937712	A	0.0377
rs2234765	A	-0.1944
rs112885115	C	0.0889
rs34693895	G	0.115

rs57402852	G	0.1582
rs112406116	T	0.1243
rs11132268	A	0.0617
rs12509266	A	0.0516
rs400883	G	-0.0457
rs1349340	T	-0.2321
rs1826394	C	0.0392
rs4538532	C	0.0629
rs6833089	T	0.0567
rs79513984	G	-0.158
rs74897975	C	0.0959
rs149163272	A	0.1712
rs12642595	G	0.0634
rs2520492	A	0.0384
rs76845687	C	0.057
rs116417665	T	0.2334
rs78426596	C	-0.24
rs147621988	C	-0.1942
rs35421067	T	0.0769
rs115239556	C	0.1958
rs77349502	T	0.0589
rs7697091	C	0.0388
rs9684506	C	0.0369
rs1457912	T	0.0386
rs116423064	G	-0.1989
rs62305557	T	-0.0783
rs116816598	G	0.2291
rs78730002	C	0.2905
rs17009114	T	0.0466
rs142185450	T	-0.2401
rs12510236	A	0.0368
rs1992479	A	0.0411
rs6841620	C	0.0617
rs13110208	C	0.0457
rs7696676	A	-0.0474
rs7654400	A	0.0446
rs71605214	G	-0.1288
rs4861717	G	-0.0418
rs116004238	A	0.1716
rs12649387	C	-0.0666
rs115637997	T	-0.2275
rs78093789	T	0.1482
rs111472973	A	-0.1419
rs7684667	G	-0.0643
rs1568225	C	0.061
rs13112000	T	-0.3595
rs10002315	T	0.0418

rs17343362	A	0.0447
rs11947424	T	0.0447
rs11132400	T	0.0412
rs75624237	T	-0.2054
rs73826242	C	0.0938
rs114288572	T	-0.1685
rs72654103	A	0.1268
rs78758510	T	0.1069
rs12649569	G	0.0644
rs77235684	T	-0.2268
rs10019020	G	0.0374
rs12641941	T	0.1654
rs6841903	T	0.0553
rs76634848	T	-0.2178
rs6851510	A	0.1742
rs11944108	T	0.1129
rs72660383	C	0.0741
rs149725992	C	-0.2231
rs116074910	G	0.1943
rs11941153	C	0.1204
rs114593505	T	0.1765
rs12499099	A	-0.0533
rs10866125	A	0.0429
rs138822442	C	-0.1525
rs10018379	G	-0.0494
rs56131062	T	-0.1895
rs77422573	C	-0.249
rs11944800	A	-0.0377
rs144129216	A	0.2618
rs1155422	G	-0.0374
rs78627246	T	0.2027
rs4561913	A	-0.0425
rs10938314	G	-0.0513
rs62317615	G	-0.0786
rs113183277	T	0.1111
rs1125228	T	0.0427
rs77029919	G	-0.1294
rs10516247	C	0.088
rs2881988	T	0.0882
rs76164240	A	0.2784
rs59632837	A	0.0469
rs6812995	A	0.0544
rs146442295	C	0.0882
rs12644719	G	0.0849
rs151108267	G	-0.2531
rs191711	A	0.056
rs13139329	A	0.1148

rs292037	C	-0.0831
rs11943887	T	-0.0716
rs4865131	C	-0.0389
rs11131923	C	0.0424
rs144050025	C	0.2704
rs114315862	T	0.0796
rs35862730	T	-0.0851
rs62311871	A	0.2586
rs55836615	T	0.0573
rs11931592	A	-0.0583
rs78169234	A	0.0677
rs73212620	G	-0.0818
rs72712015	A	-0.1184
rs2231146	C	0.2031
rs17474362	G	0.2233
rs4460076	G	-0.0388
rs112269475	C	0.1196
rs75234932	T	-0.119
rs11734496	C	0.0384
rs1463842	G	-0.0433
rs61486204	G	-0.0647
rs3796848	C	0.038
rs4299631	T	-0.0453
rs12508636	G	0.0432
rs6811070	A	-0.0368
rs114767061	T	-0.164
rs4697178	A	0.0359
rs56362174	G	0.1271
rs62331125	A	0.1389
rs10002477	G	-0.0375
rs4546266	T	-0.0381
rs7666113	T	0.046
rs141135105	T	-0.2059
rs28739273	C	0.0437
rs2711279	G	0.044
rs80201042	C	0.2632
rs4861645	A	0.2014
rs2952880	C	0.2301
rs75549733	G	-0.1968
rs143526738	A	0.2183
rs76576914	C	0.2598
rs80062859	A	-0.0989
rs76697929	C	0.161
rs1294670	T	0.0439
rs1518186	C	0.0407
rs12498346	C	-0.0559
rs7686601	G	-0.0377

rs61566868	G	0.1503
rs72675560	C	-0.0583
rs1483668	A	0.0459
rs11728590	G	0.042
rs4833753	A	0.0356
rs139160696	G	0.2364
rs13114324	C	0.0405
rs28835900	G	-0.0422
rs75545200	C	-0.196
rs10031688	A	-0.1378
rs72711222	A	0.1014
rs17006980	C	0.0395
rs145557968	A	-0.1835
rs4543074	G	-0.0502
rs1447288	T	-0.0378
rs28687091	G	0.1892
rs7659011	G	0.0366
rs4862028	T	0.0598
rs72735924	C	-0.0392
rs6815857	T	0.1224
rs1039238	T	-0.0449
rs139074267	T	0.2184
rs603998	G	-0.0534
rs147642831	A	0.1805
rs140650794	G	0.1425
rs6830998	G	-0.039
rs9996766	A	0.0435
rs116837625	T	-0.1913
rs141351712	T	0.2211
rs10804977	G	0.0763
rs113048637	A	0.1724
rs7693115	A	-0.2071
rs78621434	A	-0.1844
rs116649215	G	0.1859
rs12501018	G	-0.0438
rs9985817	T	0.1543
rs72724618	C	-0.0656
rs1405484	T	-0.0394
rs7660423	G	0.0891
rs77480328	A	-0.2608
rs1425655	C	-0.0363
rs10023791	G	0.0377
rs17292528	C	-0.2584
rs6858128	C	-0.0502
rs2654508	T	-0.0399
rs6844495	A	0.0566
rs12643070	A	-0.0387

rs145570936	T	0.1937
rs41279519	C	-0.1357
rs114497630	C	-0.1064
rs117477647	T	0.0814
rs6818432	G	0.0611
rs72663963	G	-0.0957
rs13113521	G	0.0452
rs147080263	T	0.089
rs6855546	C	0.0657
rs62312082	A	0.1666
rs142302047	G	0.1811
rs11947112	A	-0.0497
rs62286150	C	0.0731
rs116289002	A	-0.1639
rs13107432	A	0.0376
rs6834598	A	-0.0558
rs4689621	C	0.1527
rs9647486	A	0.0441
rs1603584	G	0.0741
rs114735513	T	0.2171
rs116571424	C	0.1428
rs13107066	G	-0.0373
rs77408245	G	-0.215
rs6857724	A	-0.0588
rs4470654	G	0.0601
rs17233311	A	-0.0434
rs9683858	C	-0.0551
rs4697695	A	0.037
rs76488193	A	0.1835
rs2665881	C	0.0606
rs75913999	A	-0.2792
rs4865141	T	-0.0493
rs10027490	T	0.2523
rs115979701	A	0.1373
rs4862275	G	0.2218
rs354935	C	-0.0357
rs11729356	A	-0.0454
rs75024493	A	0.199
rs75304153	C	0.1946
rs1713972	T	-0.076
rs74631384	A	-0.1819
rs3775116	A	-0.0463
rs12501084	A	0.2217
rs2412776	G	-0.0458
rs57139204	A	0.0535
rs35886821	G	-0.1216
rs423093	C	0.0609

rs76530295	A	-0.2015
rs74752509	C	-0.0906
rs6838913	T	-0.0421
rs75870355	C	0.1135
rs78005215	T	-0.1977
rs10014437	T	-0.255
rs142693691	A	-0.0896
rs10516472	C	0.0538
rs17748291	A	0.0849
rs77700977	C	0.1118
rs4557210	A	0.0381
rs1454705	G	0.1733
rs114245879	T	-0.1437
rs145681168	G	-0.2203
rs17647300	G	0.0399
rs145141894	T	0.3322
rs114702374	C	0.1397
rs6837754	T	0.0702
rs72723348	T	0.1508
rs114417900	C	0.1218
rs34007466	A	-0.2411
rs59184276	C	-0.0414
rs72640056	T	-0.1717
rs28717041	A	-0.1409
rs17012830	T	-0.0578
rs116779568	T	0.1834
rs2412866	C	-0.1072
rs7689225	A	0.0353
rs1812361	C	-0.1018
rs1962459	G	-0.0576
rs73248479	A	0.1369
rs6813766	T	-0.0393
rs60824130	A	0.105
rs2646009	C	0.0431
rs79499416	T	0.0814
rs13130164	C	0.0378
rs2012962	T	0.0442
rs72725650	C	0.0555
rs72671776	C	0.0904
rs74792759	T	-0.0606
rs2636735	G	-0.0356
rs62311103	T	-0.0376
rs1394846	A	-0.1801
rs73122923	T	0.1806
rs6838905	G	-0.0525
rs13139006	G	0.0985
rs79801055	C	0.1307

rs10014039	G	0.0378
rs115540977	G	0.3262
rs79925656	A	0.1534
rs13123954	A	0.0392
rs142933336	A	0.1702
rs138616217	T	-0.1908
rs78104021	A	0.0686
rs78790440	G	0.0765
rs1454701	A	0.0453
rs115491229	A	-0.1389
rs79832182	A	0.1155
rs956137	T	0.0745
rs72640802	A	-0.1233
rs17082777	A	0.0568
rs73229288	A	0.1065
rs13121942	A	-0.0641
rs6838024	A	0.0367
rs34203539	C	0.0657
rs2973275	A	0.0412
rs4285070	C	0.0528
rs11942391	A	0.0552
rs11723565	A	0.0381
rs28669811	T	0.0973
rs13148390	T	0.2759
rs11931603	T	0.0731
rs79987245	C	-0.1164
rs13150301	G	0.0413
rs55697933	A	0.0435
rs2240053	T	0.0655
rs116595668	T	0.2421
rs115889983	A	-0.1283
rs11932853	C	0.0417
rs145222784	G	0.1897
rs6553006	A	0.0821
rs115927727	T	0.1997
rs2891927	G	-0.051
rs116601605	A	0.1618
rs113599182	G	0.1114
rs4605665	G	0.0647
rs73237200	A	-0.1448
rs66785096	A	0.049
rs11133460	T	-0.058
rs17610088	T	0.1341
rs11733617	T	-0.0526
rs147916539	G	0.1783
rs1841022	G	-0.0644
rs114456802	G	0.1579

rs937944	C	-0.0407
rs140759071	G	0.1581
rs144368912	C	0.2451
rs145269819	A	0.257
rs12640782	G	0.2568
rs4305509	C	-0.0377
rs62408493	G	0.2006
rs77249653	T	0.1538
rs2215639	C	0.0607
rs72978427	C	-0.0623
rs1501134	T	0.0564
rs6848166	T	0.0457
rs34942995	C	-0.186
rs79745840	T	-0.1911
rs6855903	C	-0.1197
rs11934107	A	0.0576
rs139410821	G	0.298
rs12108398	A	-0.2031
rs971556	A	0.1796
rs75394799	T	0.222
rs35673210	A	-0.2321
rs77516035	A	-0.1266
rs11936302	C	0.0486
rs7657264	T	0.0356
rs4348103	G	0.0387
rs13101337	G	0.1588
rs6857225	A	0.0373
rs78706048	G	-0.1699
rs77855915	A	0.2101
rs116193062	C	0.1775
rs6849136	C	0.0569
rs112258083	T	0.087
rs116038616	G	0.2153
rs28416969	C	0.0897
rs141906793	G	0.1278
rs34556087	T	0.0704
rs113297275	A	0.1858
rs3113689	T	0.059
rs75007521	G	-0.2027
rs115268096	T	-0.3051
rs11722219	A	-0.0486
rs10517415	C	0.067
rs80234115	T	0.136
rs79542288	A	-0.1442
rs17628883	A	-0.0633
rs17037430	A	0.191
rs13102102	C	0.0417

rs113799780	A	0.1858
rs74495224	G	0.1435
rs76975177	G	0.2675
rs7692171	C	-0.0351
rs114050867	C	-0.1073
rs59390779	T	0.0608
rs72665951	T	-0.0368
rs13103714	A	0.0362
rs3796698	A	0.1169
rs111977633	C	0.1201
rs35128915	G	0.036
rs114047414	C	-0.1403
rs2175431	T	-0.0365
rs7659780	T	0.2485
rs111408447	C	0.2431
rs28501372	G	0.0749
rs77119644	A	-0.0678
rs149447470	A	0.201
rs115436441	G	0.126
rs12504251	T	0.1719
rs144903675	A	0.1946
rs11730191	G	0.2324
rs34038106	G	0.1675
rs141235331	T	0.2618
rs78944036	T	0.1518
rs59712936	A	0.0813
rs62298654	T	0.1342
rs1160283	G	-0.148
rs2716826	C	0.0492
rs1456488	C	0.1192
rs7664225	G	-0.0419
rs62335329	T	0.0818
rs146070826	C	0.1599
rs113827632	C	0.1707
rs72705325	T	0.1783
rs17484474	G	0.1449
rs77192844	A	0.125
rs145137878	T	-0.172
rs148060888	T	0.0995
rs7669094	G	0.047
rs35872664	G	0.2434
rs10012862	A	0.2277
rs17005607	C	0.2615
rs34448816	A	-0.059
rs28505859	G	-0.0665
rs2668536	A	-0.0361
rs10001896	G	0.0454

rs76739072	G	-0.0735
rs4429685	A	-0.0387
rs111646157	T	0.141
rs149747910	A	-0.0875
rs72707587	C	-0.169
rs6828529	C	-0.0381
rs80011774	G	-0.1232
rs354326	A	-0.2206
rs6532127	G	-0.055
rs1579627	A	-0.0557
rs55907205	A	-0.0454
rs72685129	G	0.1374
rs17387847	T	0.0453
rs7657496	C	-0.0525
rs116018930	T	0.1969
rs115205122	G	-0.1938
rs10009031	C	-0.061
rs10016033	T	0.0863
rs1711397	A	0.2697
rs6812758	A	0.0385
rs12643346	T	-0.0381
rs72685905	A	-0.1205
rs62340346	C	0.045
rs6824348	T	0.0374
rs72660065	C	0.1064
rs78836533	G	0.1195
rs17747662	T	-0.0463
rs149736864	A	0.0963
rs4865143	T	0.0414
rs13138175	C	-0.1459
rs115889349	T	0.1356
rs62303860	C	0.0752
rs72863150	C	0.0949
rs114934678	A	0.2928
rs337607	C	0.0459
rs114248858	A	-0.0607
rs113716749	A	0.2275
rs143714548	G	0.2336
rs75350028	T	-0.2986
rs67121809	C	0.0411
rs28560222	C	-0.1913
rs2279026	C	0.0436
rs56271124	T	0.0426
rs147193185	A	-0.3017
rs140646234	C	-0.1634
rs3096471	G	0.0366
rs62315971	T	0.1708

rs72708344	A	0.1005
rs7689028	A	-0.0365
rs73251781	G	-0.0605
rs62306284	G	0.0776
rs114103495	A	0.1778
rs57872182	A	0.1662
rs1277273	A	-0.0374
rs2595082	T	0.0715
rs17373588	T	0.0503
rs115913426	A	0.1885
rs12509730	A	0.0743
rs74720418	T	-0.0655
rs114991240	C	-0.1683
rs145310320	C	-0.2076
rs35866828	T	-0.1348
rs6854438	G	0.0777
rs371397	T	-0.0365
rs141355042	T	0.139
rs116492301	C	0.1521
rs10024268	A	-0.0686
rs13152538	A	-0.061
rs6826374	T	-0.0947
rs7675331	T	-0.2068
rs116695447	C	-0.1768
rs146817014	T	0.1456
rs4374681	T	-0.0632
rs6534113	A	-0.0424
rs988386	T	0.1566
rs10857037	C	0.036
rs7698515	A	0.0838
rs76442818	G	-0.1089
rs13120856	C	-0.0578
rs77630789	C	-0.1587
rs13149657	C	-0.0492
rs10018028	A	-0.079
rs79009721	C	0.0978
rs145535796	A	-0.2336
rs35500274	G	0.0465
rs141884753	G	-0.0915
rs12643941	A	0.0519
rs56087495	C	0.0878
rs3916114	T	0.0531
rs115468670	C	-0.1119
rs148787263	T	0.1828
rs2200126	T	-0.128
rs150598970	A	-0.1949
rs4865447	G	0.0516

rs17073447	T	0.1257
rs7666152	C	-0.051
rs1426540	T	0.037
rs62314684	T	0.0622
rs12647577	G	0.0356
rs62357988	A	-0.0599
rs16892557	T	0.1221
rs2663295	T	0.0344
rs17007783	G	-0.0606
rs62322495	A	-0.2665
rs11938940	G	0.0762
rs10016938	C	0.0892
rs11733896	G	-0.0369
rs28877301	G	0.0902
rs2289319	G	0.037
rs28534727	T	-0.0732
rs78018671	A	0.19
rs146157979	T	-0.1379
rs142399765	T	-0.2446
rs115275736	C	-0.2231
rs1534578	C	0.0429
rs17080793	C	-0.0853
rs72684701	T	-0.0831
rs9637544	A	0.0497
rs13120961	G	-0.0396
rs1397660	G	0.0517
rs6848979	G	0.3242
rs34512791	T	0.123
rs75346538	C	0.0858
rs4833813	T	0.0379
rs13103075	A	-0.0504
rs116143458	A	-0.1463
rs6813066	G	0.0581
rs17597883	T	0.1906
rs10015594	A	0.0579
rs12501151	T	0.0545
rs114425160	G	-0.0984
rs75321713	G	0.1411
rs17014474	A	0.0592
rs78014153	T	-0.0598
rs17419220	T	-0.0598
rs116548806	T	0.2047
rs9307528	C	-0.0354
rs17854507	A	0.1277
rs9994659	A	0.0553
rs11724004	T	-0.0361
rs2675520	G	-0.0946

rs28570219	T	0.1451
rs9968400	C	-0.1594
rs12647131	G	0.0741
rs150176216	G	0.254
rs73843583	G	-0.1527
rs12645474	A	0.038
rs72701630	A	0.0745
rs113234054	T	0.1931
rs11935520	C	0.242
rs1405670	G	0.0361
rs71606952	T	0.0966
rs115984523	A	-0.1178
rs2344626	T	-0.0457
rs56889116	A	-0.0533
rs77762143	A	0.0991
rs62297230	T	-0.0592
rs6449015	T	-0.0352
rs13142669	T	0.1007
rs114903646	A	0.112
rs34902074	A	-0.0806
rs35665596	C	-0.0531
rs17000620	G	0.0944
rs9884187	T	0.0356
rs2611233	C	-0.0529
rs114207424	C	0.2078
rs144895016	T	-0.294
rs6831221	A	0.0881
rs2196712	G	0.0341
rs74799204	A	-0.0559
rs115172241	A	-0.2401
rs116784822	C	-0.1634
rs77584237	G	-0.1282
rs62342645	C	-0.051
rs114408140	T	-0.1481
rs79130647	G	0.1078
rs17072702	C	-0.0529
rs13122405	C	-0.0708
rs116197295	T	0.1202
rs2071657	G	-0.0475
rs139307550	G	0.1936
rs2608834	C	0.0424
rs67238347	C	0.0566
rs76719646	C	-0.1658
rs114612307	T	0.1591
rs13132611	T	0.0681
rs77938353	T	0.1939
rs115434366	C	-0.2146

rs148403377	G	-0.1916
rs876292	T	0.1496
rs114262734	C	-0.1352
rs78124369	T	0.2251
rs79787395	G	0.0776
rs13148500	A	-0.0694
rs79208454	A	-0.1511
rs17367997	A	0.1266
rs78340384	C	-0.0912
rs7680427	G	0.1142
rs75628665	A	-0.0881
rs12643503	C	-0.0383
rs59808752	A	0.0443
rs28681630	C	-0.0555
rs2117065	C	0.0403
rs1978777	A	-0.0373
rs12507777	T	0.1658
rs11724147	A	-0.0442
rs17090416	G	0.039
rs115805235	T	-0.1319
rs9998674	T	0.0385
rs114824089	A	-0.1517
rs79052028	G	0.1384
rs77516337	G	0.1055
rs111370486	A	0.123
rs2044852	C	-0.0393
rs7665170	T	-0.0365
rs7695623	C	-0.0983
rs10516519	G	0.0425
rs7659091	C	0.0362
rs4481224	G	-0.0386
rs6552660	C	-0.0665
rs74943275	T	-0.1335
rs78997928	T	-0.0615
rs56061714	A	0.055
rs4241704	A	0.0387
rs35815555	T	-0.0425
rs17082225	A	-0.0376
rs80343897	C	0.0934
rs2612655	C	0.0347
rs150703314	C	0.136
rs1351212	G	0.0393
rs111444695	A	0.0426
rs4697186	G	0.0431
rs10034284	T	0.0422
rs145473965	A	0.1632
rs145915689	A	0.1812

rs6855048	A	0.0462
rs114107798	A	-0.1963
rs6827302	G	-0.0867
rs77077471	C	0.0816
rs2946390	T	0.037
rs6838335	C	0.0374
rs17686080	C	-0.0679
rs13142918	T	0.1006
rs4864234	A	-0.0808
rs79910679	T	-0.1066
rs61748739	G	0.1216
rs112030503	G	-0.053
rs34784043	T	0.1308
rs7340889	G	-0.039
rs60157266	A	0.1634
rs969948	C	0.0344
rs2014472	G	0.0568
rs62324580	T	-0.1234
rs75537420	T	-0.1463
rs113469311	A	0.0941
rs73199996	G	0.1517
rs34073891	G	0.176
rs13118171	C	0.0343
rs13142392	G	0.0449
rs72702433	G	-0.0728
rs149979034	G	0.0907
rs72684675	A	0.0727
rs150894436	A	0.2634
rs13127967	A	0.0727
rs13126958	A	0.051
rs6447958	A	-0.0561
rs28636048	G	0.0478
rs116801833	C	0.1227
rs1369092	G	-0.1229
rs116477286	A	0.227
rs79775244	T	0.1749
rs11727484	T	-0.0636
rs4611904	T	0.2243
rs1380874	T	0.0458
rs13118866	C	0.0855
rs17015890	A	-0.0436
rs77532962	C	0.113
rs4861524	C	0.0525
rs6819442	T	0.0369
rs55782748	A	0.1229
rs3762909	C	-0.0909
rs150195892	A	-0.1241

rs6855292	A	-0.05
rs114269228	T	0.2264
rs10019646	T	-0.0381
rs58887272	A	-0.1159
rs114948904	A	0.22
rs2855770	T	-0.0353
rs111457321	G	0.1568
rs115814386	G	0.2581
rs60478641	C	0.0934
rs13106853	G	0.0571
rs143664788	T	-0.1507
rs139675526	C	0.23
rs11131312	A	0.0398
rs17339671	G	-0.054
rs28818309	C	-0.0379
rs112476212	A	0.0868
rs13135244	C	0.0376
rs114209939	T	0.2317
rs55764504	A	-0.0404
rs10213095	A	-0.0422
rs989262	T	-0.1016
rs11947063	C	0.0907
rs7665254	A	-0.0388
rs115026624	T	0.3485
rs142553926	T	0.0611
rs6850349	T	0.046
rs75836515	G	0.0831
rs4864568	G	-0.0511
rs12510768	C	-0.0454
rs10015260	C	0.1476
rs10015914	C	-0.1065
rs78132716	C	-0.1477
rs1393851	A	0.0752
rs114698167	A	0.1639
rs78817394	T	0.0609
rs526009	A	-0.0583
rs112094135	A	0.1546
rs1518485	C	0.0347
rs4456952	T	0.1332
rs57689542	A	0.0366
rs7667756	C	0.0368
rs1876068	C	0.0479
rs13107721	C	0.0478
rs145830261	A	-0.2973
rs143701736	A	-0.1132
rs270242	C	-0.0384
rs113195855	C	0.1321

rs150849866	T	0.1681
rs17211183	A	0.0913
rs111417966	C	-0.0829
rs113313224	A	-0.2243
rs4501276	T	-0.0519
rs146976943	G	-0.0964
rs1551589	T	-0.1328
rs11099339	G	0.034
rs6852656	C	0.0424
rs327068	A	-0.0722
rs4865148	G	-0.045
rs62350388	T	-0.1661
rs60717229	C	-0.0514
rs2627735	T	-0.0502
rs111669964	G	-0.0366
rs72640556	A	0.0744
rs73248470	A	-0.137
rs143295761	A	-0.182
rs149029915	C	0.2098
rs79173154	A	-0.1175
rs140964716	T	-0.2584
rs62317092	A	-0.0569
rs6854685	G	-0.0412
rs1912030	G	0.0396
rs137942970	C	0.0875
rs13117555	G	-0.0874
rs62296002	T	0.12
rs6824464	A	0.0367
rs4835620	T	0.131
rs80233897	A	0.1359
rs2131287	A	0.0336
rs17313835	C	-0.0559
rs6838358	A	-0.0482
rs4975229	T	0.1005
rs2389955	C	0.0427
rs11133046	A	-0.0405
rs315683	C	0.0478
rs12643046	A	0.0522
rs807779	C	-0.0376
rs79995822	G	0.0858
rs4862571	A	-0.0424
rs59063244	A	0.0873
rs116061213	C	0.165
rs1946695	T	0.0344
rs115917299	G	-0.26
rs73215478	T	0.0902
rs28869249	G	0.1255

rs141079390	A	0.2547
rs114477463	C	-0.2462
rs56874625	T	0.047
rs283419	A	0.114
rs6446452	C	-0.0581
rs71602099	C	0.2945
rs17448631	T	0.0556
rs4863106	C	0.0469
rs73808419	C	0.077
rs112973688	T	0.0841
rs149934686	A	-0.1854
rs17182201	T	-0.0421
rs2080013	C	-0.0712
rs76850548	T	-0.0936
rs74890775	T	-0.1663
rs72616386	T	-0.2406
rs141800235	A	-0.0655
rs147256125	A	-0.2896
rs114946141	A	0.142
rs3733570	T	0.1422
rs150699492	T	0.139
rs11944321	A	0.1179
rs7662800	T	0.0488
rs10034594	A	-0.1274
rs77688384	C	0.1647
rs10434432	G	-0.0473
rs112155111	C	0.097
rs4557253	A	-0.0352
rs57433915	T	-0.1932
rs6448440	T	-0.0483
rs2705979	C	0.0449
rs28649197	G	0.2634
rs72709786	C	0.0558
rs6446401	G	0.0388
rs141285070	G	0.0919
rs13106353	A	-0.1845
rs4697474	G	-0.0678
rs7434671	G	0.0473
rs7679873	A	0.0564
rs17027756	C	-0.0376
rs6849361	C	-0.0331
rs10516503	C	-0.0513
rs6830034	A	-0.0352
rs7700038	C	0.0334
rs6821432	T	-0.043
rs2911901	T	0.0551
rs7671985	G	0.0412

rs114481996	C	-0.1417
rs13110620	G	0.0395
rs116110112	T	0.2015
rs12504589	T	-0.0538
rs115551546	T	0.1709
rs62338259	C	0.0528
rs75071679	G	0.065
rs75841131	A	0.1168
rs1489442	A	0.0417
rs73223391	T	-0.2472
rs62337162	A	0.0958
rs7674172	T	0.127
rs79938737	C	0.0725
rs11721405	C	-0.0554
rs147028193	A	-0.1987
rs12649845	A	-0.0606
rs6843297	A	0.0377
rs4689038	T	0.0414
rs1437274	T	0.1725
rs115756618	A	0.085
rs62306895	T	-0.182
rs72714734	G	-0.0712
rs7659911	C	-0.0543
rs6853832	T	0.0358
rs6841762	T	0.0385
rs139378580	A	0.1615
rs62318846	A	-0.0575
rs116792462	C	-0.083
rs34704090	T	0.1695
rs1017559	G	0.0395
rs6812175	T	0.1795
rs2357080	G	-0.0401
rs112296390	A	0.2359
rs12501673	A	0.0385
rs2867683	A	0.0341
rs72721819	A	-0.057
rs113347613	T	0.0621
rs2899056	G	-0.0378
rs140555291	C	0.2446
rs113161073	C	-0.2761
rs2098854	G	-0.0335
rs9647416	A	0.04
rs76026170	A	0.1459
rs1530459	A	0.1005
rs17497978	C	0.0765
rs17546340	C	0.0841
rs12647118	C	0.2994

rs143607815	T	0.2543
rs76003590	C	0.2192
rs76498162	G	0.1454
rs116223001	T	-0.1886
rs1383178	G	-0.0496
rs77279317	T	-0.2383
rs116760019	A	0.2605
rs6829378	T	0.0424
rs4535393	T	0.1241
rs4102920	G	-0.0344
rs4377608	C	-0.064
rs17494938	C	0.0398
rs11732273	T	-0.0654
rs2276923	G	0.0493
rs596619	G	-0.1907
rs76511949	T	0.0498
rs113889026	C	0.1237
rs115418204	A	-0.1723
rs62279108	A	-0.0546
rs949862	C	0.168
rs10021714	C	0.0571
rs16875100	G	-0.0435
rs11727469	A	0.044
rs7685758	T	-0.0515
rs67949518	T	-0.0684
rs244039	C	0.0396
rs75155198	A	-0.2078
rs72686788	A	0.2651
rs75707561	A	0.1685
rs74556036	T	-0.0596
rs143332055	C	0.2618
rs78309800	G	0.1141
rs77846216	T	0.211
rs75564460	G	0.2017
rs56019717	A	-0.147
rs149951077	T	-0.1296
rs28507765	T	0.0634
rs55983440	C	0.095
rs7679066	G	-0.0377
rs10938718	A	0.0347
rs7693047	A	0.1701
rs149029898	A	0.1106
rs7688806	C	0.0349
rs80064466	C	0.084
rs13116637	T	0.061
rs62310031	T	0.0593
rs13128459	A	-0.0895

rs60282733	G	0.0437
rs7674655	T	-0.097
rs80134014	T	0.0982
rs6821699	A	-0.0332
rs11733760	A	0.0842
rs13102349	T	-0.091
rs66476971	T	0.0445
rs41494044	C	-0.0448
rs146643088	A	0.2385
rs13102714	G	-0.0582
rs4383569	G	0.07
rs138191461	C	0.1613
rs2869342	T	-0.0375
rs12512906	T	-0.0476
rs77426461	C	0.3043
rs1028212	T	0.0464
rs28788806	A	0.0588
rs13146236	T	-0.0694
rs13110983	A	0.0491
rs80243011	G	-0.2135
rs112445369	T	-0.1929
rs17040904	T	0.0877
rs112241999	T	0.1403
rs77067406	C	0.0617
rs71617017	A	0.1003
rs77238815	G	0.1925
rs62324760	T	-0.0987
rs74862475	G	0.1955
rs145137442	T	-0.1434
rs1566999	A	0.0405
rs148687985	A	0.1986
rs4860488	C	0.1143
rs71601064	C	0.2035
rs6854110	T	-0.0692
rs72640649	A	0.2659
rs139558329	T	-0.1971
rs16878581	A	0.0605
rs73078644	G	0.1372
rs17083521	C	-0.0666
rs4593182	G	0.0411
rs62295350	A	-0.0487
rs4691871	G	0.1811
rs28622988	A	0.0833
rs114969629	T	0.1446
rs17050774	A	-0.0725
rs6852895	G	-0.0439
rs73819581	T	0.1101

rs36048565	A	0.0696
rs78472565	A	0.2559
rs150352835	A	0.159
rs17277344	T	0.0784
rs116763752	T	0.186
rs35777265	A	0.0484
rs2407416	T	-0.0355
rs80280052	C	0.0681
rs28432001	T	0.0449
rs2132631	C	0.0371
rs10034553	T	0.0649
rs11736574	A	0.049
rs71605224	C	-0.1371
rs12331066	A	-0.1055
rs62300914	T	-0.177
rs78533478	C	0.0952
rs56240513	A	-0.0706
rs62320114	C	0.1269
rs140150236	C	-0.0407
rs4257615	T	-0.0478
rs79248089	T	0.0936
rs148279973	G	-0.0464
rs6836088	A	0.0322
rs62350399	T	-0.069
rs141490047	A	-0.2219
rs6830238	T	0.1793
rs75827018	C	-0.0659
rs28877092	T	0.055
rs78167787	G	-0.0567
rs2391515	T	0.0347
rs75806529	G	0.221
rs57417084	T	0.0546
rs12643474	C	-0.0324
rs75138535	T	0.071
rs165580	T	0.0885
rs885797	A	0.0333
rs10025996	C	-0.0572
rs12647662	T	0.0863
rs11937883	C	0.0399
rs1967263	A	0.1134
rs13138340	G	0.0813
rs75298521	G	0.0732
rs13129746	A	-0.0973
rs778937	G	-0.0386
rs111333099	G	0.1331
rs68135984	G	-0.0544
rs1021956	G	-0.045

rs6847782	T	0.036
rs4461545	A	-0.0323
rs71619088	C	-0.0538
rs7669660	C	-0.0486
rs149109664	C	-0.1149
rs331489	A	-0.2209
rs4698174	A	-0.0677
rs138530333	G	0.1073
rs72663153	A	0.1687
rs7680024	A	-0.0324
rs4863638	A	-0.0627
rs142522284	A	0.2576
rs139379969	G	-0.2631
rs139627056	T	-0.2076
rs77690315	T	0.116
rs11736485	C	0.0938
rs75820331	T	-0.1466
rs73209735	A	-0.1476
rs4697603	T	-0.0512
rs17615017	G	-0.0484
rs115668559	C	-0.0688
rs1603184	G	-0.0385
rs73241848	C	0.1519
rs13129939	G	-0.2235
rs35852935	C	0.1105
rs75394685	T	0.0766
rs10013269	C	-0.0624
rs62309398	A	0.0705
rs79779022	G	0.0728
rs117251263	G	-0.224
rs66575730	A	0.0565
rs17504079	A	0.1091
rs142130611	T	-0.1974
rs62301413	A	0.1078
rs13435699	G	-0.0445
rs138589894	A	0.1631
rs1307	A	-0.0539
rs10030391	T	0.0394
rs2928312	T	-0.0354
rs12504144	T	-0.0928
rs34195017	A	0.1716
rs115555717	T	0.1363
rs79399931	A	0.1462
rs139556348	T	-0.1307
rs12644201	C	0.0548
rs72701009	T	-0.266
rs74329460	C	0.1958

rs35372902	A	0.0799
rs309375	C	-0.0332
rs3892041	A	0.0332
rs138532435	T	-0.1625
rs2654831	G	-0.0369
rs17013144	T	0.1377
rs114399381	C	0.1801
rs353152	A	0.0357
rs72657741	T	0.1884
rs75705608	G	-0.1024
rs144046932	A	-0.0617
rs6852609	G	-0.0347
rs1867924	A	-0.0331
rs4689937	T	0.0339
rs61034963	A	-0.1585
rs76735468	A	-0.169
rs111651905	T	0.2051
rs16875318	T	0.0926
rs17181631	T	-0.0392
rs112439859	A	0.1674
rs12498407	T	-0.0333
rs17581070	T	0.1409
rs139916173	C	0.262
rs34864228	C	0.2095
rs73800339	G	-0.1481
rs143841150	T	0.2043
rs28637501	A	-0.0401
rs115318995	A	-0.1662
rs75838890	C	-0.059
rs146097200	G	0.1958
rs149050476	A	0.215
rs76851380	A	-0.0749
rs139839453	T	0.1031
rs13108164	G	0.0332
rs78223062	A	-0.0948
rs3135071	A	-0.0711
rs1395821	C	-0.0432
rs9790537	A	0.0374
rs73240094	G	-0.0489
rs11723027	A	0.0445
rs1006113	A	-0.0405
rs2127863	T	-0.0422
rs76676224	A	0.147
rs79080212	A	-0.0782
rs139222509	C	0.1508
rs115094441	C	-0.1291
rs56102039	T	-0.0502

rs6536199	C	0.0429
rs6833174	T	-0.0323
rs114373121	G	0.0875
rs11734892	G	0.0485
rs61795366	C	0.0457
rs73246488	G	0.0592
rs6531620	C	-0.0879
rs11935305	T	-0.0414
rs11931880	G	0.148
rs73248605	C	0.0686
rs1717072	G	0.032
rs4513549	T	0.0452
rs62343124	T	-0.1226
rs11735349	T	0.0675
rs77420303	G	-0.101
rs6814799	A	0.0848
rs79711690	A	0.1563
rs112221854	A	0.1419
rs116696256	A	0.2698
rs3910144	A	0.0368
rs7696313	A	0.219
rs34400726	A	0.0344
rs868653	A	0.0583
rs77606619	T	-0.1137
rs28444171	T	-0.0364
rs6841821	A	0.0382
rs385146	A	-0.042
rs11727564	G	-0.0354
rs17819511	G	0.0461
rs115898311	A	-0.1908
rs6821871	A	-0.0438
rs77772537	T	0.2136
rs72659522	C	0.1048
rs4690377	A	0.0548
rs68116688	G	-0.0497
rs77249395	T	-0.1216
rs116727883	T	0.1188
rs78436531	G	0.0679
rs13144494	C	0.063
rs35768502	G	-0.0336
rs56168021	A	0.0964
rs114711316	G	-0.0495
rs116158897	T	-0.075
rs72978185	C	-0.0361
rs62326106	T	-0.156
rs72674487	T	-0.0441
rs115352527	A	-0.0966

rs12641003	G	-0.0354
rs74915990	A	-0.0841
rs16880317	G	0.0676
rs72660958	A	-0.1187
rs62353224	C	-0.0334
rs115062993	C	-0.1443
rs11722255	G	0.0643
rs4508906	G	0.0686
rs12501287	C	0.0332
rs6835693	C	-0.0623
rs72682615	G	0.0972
rs74337827	G	-0.1189
rs78840710	T	0.1452
rs795386	G	-0.0344
rs3864203	G	0.0394
rs17861916	C	0.1992
rs78506853	C	-0.0891
rs115021067	A	-0.1057
rs140824725	A	0.253
rs12502563	T	0.0337
rs74518507	A	-0.1862
rs12509715	C	-0.13
rs147809179	T	0.1226
rs17017659	A	-0.112
rs954368	C	0.0512
rs78329488	A	-0.1248
rs2309332	T	-0.0505
rs75965154	G	0.1552
rs2883930	G	-0.0444
rs56291825	A	-0.1073
rs11947910	C	0.0417
rs138941976	C	-0.1217
rs6821839	T	-0.1217
rs5012553	G	-0.0365
rs12641017	T	-0.0768
rs139556686	G	0.1601
rs77118240	A	0.2296
rs10520262	C	-0.0323
rs79511076	C	-0.1298
rs10031343	G	0.057
rs80090844	G	0.0518
rs10034833	A	0.1641
rs35845927	G	0.1279
rs56992060	T	-0.1444
rs11735186	G	-0.1584
rs116361123	G	0.1433
rs13103052	C	0.0438

rs72680237	T	0.1024
rs2724587	A	0.0481
rs6814032	A	0.1958
rs149650942	A	0.1801
rs1872043	A	0.1186
rs7657578	C	-0.0363
rs7678288	G	0.1634
rs114195509	G	0.1609
rs403543	T	-0.18
rs7660323	C	-0.0383
rs17861762	A	0.2291
rs1386226	T	-0.0384
rs80020058	T	-0.1092
rs617914	T	0.0434
rs35497699	A	-0.0392
rs13145607	T	-0.1093
rs17640064	C	0.037
rs2580069	G	-0.0329
rs115691060	T	0.1227
rs73854351	G	0.0692
rs72686766	G	-0.107
rs4516763	C	0.063
rs73244029	C	0.0877
rs13125482	C	0.0426
rs142539868	T	0.196
rs11946406	G	-0.0421
rs999319	G	-0.033
rs13142045	C	-0.0418
rs74570194	A	0.0578
rs13141819	A	-0.126
rs62331260	C	0.0811
rs2904262	T	-0.0317
rs2189572	C	-0.0551
rs6822794	A	-0.034
rs13131758	G	0.0371
rs17627637	C	-0.0587
rs13139269	C	-0.0326
rs112646682	A	0.1797
rs17000069	T	-0.0484
rs146540521	T	-0.155
rs28510433	C	-0.0463
rs67506035	C	-0.0533
rs7665919	C	0.0325
rs17050588	T	0.0398
rs13114473	T	0.0702
rs159761	G	0.05
rs62320884	G	-0.0375

rs56762644	T	0.0591
rs13128785	A	-0.0351
rs7694575	A	0.0336
rs116146530	T	-0.2584
rs11941912	A	0.2389
rs4861091	A	0.0377
rs71616586	A	0.1412
rs28581468	T	0.0645
rs62339115	T	-0.0369
rs36028675	C	0.0426
rs73865376	C	0.0668
rs1812618	T	0.0541
rs140619010	G	0.0844
rs142499172	A	0.0976
rs73795010	T	0.1062
rs62321231	A	0.1633
rs11736243	T	-0.181
rs150635999	C	-0.1866
rs13115107	G	0.0362
rs141918148	C	0.117
rs115377687	A	-0.2255
rs115419263	T	-0.1371
rs139162808	A	0.2613
rs114882649	A	-0.0923
rs17184412	C	-0.0902
rs115008872	G	-0.1102
rs6824131	T	0.0602
rs11728250	G	-0.0715
rs62411118	T	-0.0428
rs77087558	A	0.2121
rs12503618	T	-0.0392
rs116751353	T	-0.1528
rs146139597	T	-0.2072
rs10222987	G	-0.0347
rs116957173	T	-0.1579
rs72653549	A	-0.0715
rs59523261	A	0.0693
rs1550014	T	0.0569
rs13108320	A	-0.0563
rs17587861	C	0.1299
rs28688222	T	0.0555
rs17828324	C	-0.0345
rs4698613	G	0.048
rs72681516	C	-0.088
rs12640862	T	0.1287
rs17423099	T	-0.0744
rs149102060	A	0.2563

rs4861722	G	-0.0343
rs28786233	C	0.0536
rs145234634	G	0.1965
rs57745205	G	-0.0328
rs76550303	A	-0.2735
rs7440305	G	0.0524
rs72716917	G	-0.149
rs1820626	G	0.0592
rs2488804	T	-0.0322
rs1484186	T	0.0326
rs116354046	T	0.1565
rs62331134	A	0.0462
rs17596382	C	0.0768
rs12644722	T	0.0816
rs6832524	G	0.0583
rs17051188	C	-0.0704
rs147541565	T	-0.264
rs294939	A	-0.0837
rs9991869	A	-0.0383
rs77245970	G	0.2426
rs4079694	C	0.033
rs143394231	C	-0.1839
rs2942220	C	-0.0671
rs73235576	G	0.1801
rs144932649	G	-0.1569
rs10009369	T	-0.2297
rs28376053	C	0.0499
rs113748679	G	0.1948
rs13152023	G	-0.0547
rs6848087	C	0.0364
rs142280000	G	0.162
rs7691637	T	0.0653
rs17297619	G	0.0524
rs28762207	C	0.1446
rs1875844	G	0.0358
rs17050341	C	0.0506
rs10938747	G	-0.0634
rs78730070	G	-0.1575
rs146329210	T	0.1372
rs73245231	A	0.0713
rs72716986	G	0.109
rs28479395	G	0.1362
rs78665194	C	-0.14
rs144552150	G	0.2598
rs111971731	C	-0.0891
rs78592572	G	0.1302
rs6845577	G	-0.0453

rs78559075	A	0.1451
rs3775552	A	-0.0565
rs78060189	C	0.1439
rs72691669	A	-0.219
rs72616096	G	-0.0605
rs140908238	A	-0.1837
rs12513211	C	0.0655
rs7691949	G	0.033
rs2120690	A	-0.0403
rs59422146	A	0.0452
rs72659569	A	0.0541
rs17509845	A	0.0857
rs75735610	T	0.1161
rs75325369	T	-0.1299
rs80220208	T	0.0913
rs1032940	A	-0.0799
rs72699416	T	0.062
rs73236189	A	0.1236
rs4370173	T	-0.0313
rs146898658	G	0.097
rs1812645	T	0.0413
rs62337253	A	0.1475
rs75465972	T	-0.1311
rs116703653	T	0.1304
rs10024968	A	-0.0354
rs13149835	C	0.0468
rs16881495	C	0.0595
rs1380873	T	-0.0328
rs11131284	G	0.0447
rs72704553	G	0.2089
rs343199	A	-0.0801
rs28617588	G	-0.0487
rs140906725	A	0.2143
rs150564016	C	0.2067
rs6835851	C	-0.0317
rs115280991	T	-0.0947
rs148380653	A	-0.194
rs3822002	C	0.1107
rs7678866	A	-0.0413
rs62342902	G	0.093
rs80105759	G	-0.1344
rs115539054	G	0.2028
rs55984129	C	-0.0562
rs17369400	G	0.0582
rs10010758	C	0.0352
rs76570925	T	-0.1939
rs7685613	T	-0.1165

rs138278552	G	0.2153
rs17013680	A	0.1025
rs78152193	G	0.0646
rs145811432	G	0.1279
rs4861924	C	-0.0373
rs17203976	G	-0.1234
rs2172893	A	0.0673
rs4865192	A	0.0523
rs1993958	G	-0.0458
rs11727565	A	0.0673
rs28522618	G	-0.0472
rs4389531	T	-0.0341
rs78443773	T	-0.1132
rs114168151	C	-0.1542
rs72674452	T	0.1346
rs4861764	A	0.1306
rs73795774	T	-0.1456
rs116812380	C	0.1544
rs10000959	C	-0.0562
rs72642820	T	-0.0779
rs76369354	G	-0.0607
rs114723682	C	0.0893
rs145598146	C	0.2616
rs75899377	C	-0.2901
rs34850283	T	-0.1789
rs80099445	T	0.309
rs79108729	G	-0.2339
rs2872072	C	-0.0341
rs80011651	C	0.0703
rs115560557	T	0.1193
rs56387698	C	-0.058
rs115954414	T	0.1694
rs75198983	C	-0.1862
rs72716709	C	0.0456
rs13117944	C	-0.0482
rs113560990	A	-0.0736
rs17024598	C	0.0944
rs1838703	C	0.1
rs62339970	A	0.0647
rs11730104	G	0.0334
rs79486795	G	-0.0885
rs6854408	A	0.0623
rs11936259	G	-0.0322
rs4689408	T	-0.0396
rs35669832	T	0.1021
rs7692520	A	0.033
rs147224197	T	0.1721

rs502620	T	0.0467
rs79886153	T	-0.0882
rs11723753	G	0.0478
rs57890722	C	-0.0451
rs116030866	G	0.1127
rs4695853	T	-0.0649
rs142768014	T	-0.2064
rs72554037	A	-0.1003
rs11249481	A	0.0722
rs3112913	G	0.0458
rs13105002	C	0.0379
rs72634679	C	0.1622
rs2269834	A	0.042
rs13133366	A	0.08
rs28710383	G	-0.0643
rs111257884	C	-0.1559
rs116530600	A	0.2118
rs62323692	G	-0.1058
rs12502677	C	-0.0311
rs73182407	C	0.0662
rs35152007	T	0.1142
rs12648931	C	0.0788
rs12643604	G	0.0763
rs16849274	T	0.1174
rs79488265	A	0.1595
rs77109040	A	-0.0774
rs28580400	G	0.0549
rs143001927	T	0.0812
rs12645899	T	-0.0717
rs112232729	T	-0.1265
rs11727641	T	0.0358
rs72708328	A	0.0368
rs3114045	T	0.0446
rs73239649	G	0.14
rs13129687	C	0.0352
rs2197676	G	0.112
rs6851880	T	-0.0442
rs10517220	C	-0.0486
rs74759170	T	0.1242
rs62304711	A	-0.1507
rs62348819	T	0.0658
rs113527399	G	0.2185
rs114429915	T	0.221
rs7682576	T	-0.0658
rs78251120	G	-0.1457
rs146147762	G	-0.2247
rs11946572	G	-0.0341

rs58766355	C	0.1724
rs75918658	C	0.0489
rs116547404	C	-0.1163
rs6828265	C	-0.0455
rs115858093	C	0.098
rs10022530	A	0.0495
rs2164383	G	-0.051
rs6856663	A	-0.0433
rs566482	T	-0.04
rs68106519	G	0.1076
rs3775117	G	-0.0714
rs56057798	C	0.0732
rs7689468	T	-0.0684
rs113348924	G	-0.1402
rs11932290	T	0.0807
rs116161355	T	-0.2216
rs16886803	T	-0.0508
rs71620920	A	0.1441
rs17013450	A	-0.1436
rs35457385	A	0.0316
rs75992675	T	0.1985
rs1450940	A	-0.0338
rs74572146	G	0.0849
rs10516430	T	0.0353
rs112281237	G	-0.2317
rs13146372	T	-0.0369
rs6554431	T	0.035
rs10002424	C	0.0378
rs9998202	G	-0.1031
rs17003749	G	-0.0372
rs116258325	G	0.1141
rs6840290	C	0.0695
rs75835128	T	-0.1846
rs114529085	A	-0.1047
rs28578243	C	-0.0502
rs139543337	A	-0.2687
rs11723260	T	-0.19
rs28654755	A	0.0566
rs4429751	G	-0.0402
rs11731631	C	-0.0536
rs114464731	T	-0.0691
rs144156257	A	-0.1534
rs75478265	G	-0.1063
rs59742217	T	0.0732
rs12640554	T	0.1047
rs28815831	C	0.0995
rs72688315	G	-0.0316

rs80153043	T	0.2302
rs148934688	A	0.161
rs2276916	G	-0.0366
rs12504728	A	-0.0309
rs10031087	T	0.0425
rs113208253	C	0.1809
rs62314070	T	0.075
rs79030829	T	0.0937
rs147396763	A	0.2028
rs11941079	G	0.0557
rs10027575	C	0.079
rs73088575	A	-0.0563
rs62318052	T	0.0371
rs71604101	A	0.1349
rs28514589	T	-0.1506
rs62314794	C	-0.0511
rs115498626	T	0.0438
rs11938282	A	0.046
rs17614822	G	0.0393
rs11737096	A	-0.0496
rs11941670	A	0.0703
rs13119653	T	0.0911
rs2051559	C	0.0475
rs9799659	C	-0.0873
rs614457	T	0.033
rs142190556	A	0.1277
rs73067748	T	-0.1153
rs62304383	C	-0.1767
rs2918080	G	0.041
rs78697741	C	0.0497
rs72652531	A	-0.0428
rs113989139	A	0.2236
rs16892131	C	0.1998
rs62319036	G	-0.0309
rs11132441	A	0.0339
rs35788979	A	0.0429
rs114626215	T	-0.126
rs55778872	T	-0.1759
rs62410274	G	0.0457
rs9996732	A	0.0741
rs7686453	C	0.0527
rs57857640	C	-0.0352
rs150211887	G	0.1764
rs77193101	A	0.0376
rs141792413	T	0.154
rs143149286	G	0.143
rs144175144	A	0.1742

rs55690045	T	0.1195
rs17270032	C	0.1255
rs17324297	A	0.0867
rs148491829	A	0.1674
rs6823258	G	-0.0336
rs139373241	T	0.1285
rs4861067	T	0.0314
rs62321082	G	0.0913
rs1365129	G	0.0712
rs7691464	C	-0.0341
rs143863614	A	-0.0397
rs114212348	A	-0.1914
rs7667783	T	-0.0313
rs141186406	A	-0.0434
rs11098185	T	-0.0384
rs34224229	T	0.0419
rs73205493	T	0.0356
rs114749067	T	-0.16
rs13112475	G	-0.0425
rs4832855	C	0.0492
rs76589225	C	0.0843
rs146175767	T	0.1105
rs62340899	A	0.0345
rs2061147	A	-0.0338
rs4864690	A	-0.0374
rs34355774	A	0.0514
rs4485840	T	0.0589
rs59347561	T	0.1522
rs144656979	C	0.1724
rs147628143	C	0.1521
rs313125	A	-0.0393
rs1995598	T	0.0349
rs6842183	T	0.0357
rs6824078	G	0.039
rs17068096	G	0.0502
rs145915923	A	0.0797
rs67138036	T	0.054
rs79745941	A	0.0765
rs72678797	C	0.1323
rs10006577	G	-0.0376
rs4832977	G	0.0551
rs6841154	G	-0.113
rs75808441	T	-0.0661
rs80297655	A	-0.0918
rs1111981	C	-0.0404
rs144541128	T	0.1697
rs73208484	A	0.1026

rs11731411	C	-0.0924
rs4698816	A	-0.0324
rs79673169	A	0.1526
rs141470875	C	0.1559
rs17544269	C	-0.2471
rs147816509	T	-0.1495
rs79507763	C	0.083
rs1512315	T	0.0467
rs2349584	T	-0.05
rs144713667	A	-0.1115
rs144705205	T	-0.1718
rs142899040	C	0.2113
rs76045741	A	-0.1414
rs9990698	C	-0.0465
rs13117458	T	-0.0439
rs115601219	G	0.1591
rs141715934	A	0.1788
rs13145333	T	-0.0369
rs113995045	C	0.1282
rs114126290	T	0.0913
rs6831193	T	0.0339
rs2271570	T	0.0411
rs35840024	C	0.2244
rs79332728	A	-0.2094
rs62321828	C	0.2282
rs4697648	A	0.0464
rs1426108	C	-0.0362
rs142318144	T	-0.2245
rs12504082	G	0.0361
rs72654065	G	-0.0684
rs140671747	T	0.2361
rs62319698	C	0.0814
rs62312780	A	0.1234
rs7663789	T	-0.048
rs149984690	G	-0.0958
rs75234854	G	0.1227
rs143262811	A	0.0859
rs11937052	G	0.106
rs62316012	A	0.1092
rs10007184	T	-0.0732
rs1039352	G	0.0516
rs6844267	A	0.0493
rs1485325	C	-0.0505
rs11733080	C	-0.0564
rs150130303	T	0.2331
rs77588882	T	-0.094
rs17297964	G	0.08

rs116408790	C	0.1189
rs72652919	A	-0.1725
rs41518644	G	0.0446
rs72682805	G	0.0634
rs74361638	T	-0.104
rs77390848	G	0.0714
rs78215118	C	-0.0857
rs17577020	T	-0.0704
rs7375584	A	0.0357
rs13144730	G	0.0381
rs76383188	C	-0.1096
rs2227408	T	0.1197
rs6446587	A	0.0481
rs114434632	A	0.2109
rs34574253	T	0.0318
rs111832426	A	-0.2731
rs1607241	C	0.0312
rs142787990	C	0.1161
rs2251099	T	-0.0453
rs75736068	C	-0.0581
rs56103251	T	0.0659
rs10446669	A	-0.0854
rs13130765	C	0.0349
rs75946678	G	-0.2509
rs1263337	A	0.063
rs35845870	T	0.0543
rs149577601	G	0.1161
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rs10027928	G	-0.0313
rs4631066	G	0.0435
rs6531768	C	-0.0383
rs114786142	T	-0.1777
rs4605628	C	-0.1217
rs76153510	C	-0.1089
rs12649161	T	0.1721
rs34205157	G	-0.1279
rs115177547	T	0.1044
rs404662	C	-0.0343
rs4558823	A	-0.0482
rs149976368	C	-0.1414
rs16850039	T	0.0814
rs116783077	T	-0.1968
rs3805171	T	0.0909
rs6849194	T	0.0521
rs11132535	T	-0.0598
rs28734060	A	0.0445
rs74541380	G	0.189

rs73244486	A	-0.2102
rs12642329	C	0.0411
rs4861981	T	-0.0332
rs115163516	T	0.1289
rs148269029	C	0.3279
rs78460035	C	0.2135
rs77625956	T	0.1727
rs78368938	T	-0.0806
rs75337800	T	0.1835
rs10520394	T	-0.0411
rs62318548	A	-0.0579
rs13124866	A	-0.0333
rs4234980	T	0.0477
rs148134512	C	-0.184
rs7695309	C	-0.0339
rs12511496	T	-0.0686
rs79162787	T	0.1379
rs7700002	T	0.0332
rs12512100	A	-0.0316
rs2405425	T	-0.2199
rs17445526	G	0.0354
rs141058814	C	-0.0368
rs7661045	G	0.2168
rs78514608	C	0.1212
rs2123277	T	0.0379
rs13152134	T	-0.1492
rs72701782	A	0.0866
rs13104183	G	0.0337
rs72867388	C	-0.0663
rs73243613	A	-0.0341
rs71620279	T	-0.1063
rs144210713	A	0.2516
rs986971	A	-0.0357
rs74658513	A	0.0785
rs13130705	A	0.1789
rs36044661	T	0.033
rs114427505	T	0.116
rs12500437	G	0.0558
rs115371503	A	-0.2399
rs142107563	T	-0.0939
rs2285783	G	-0.0471
rs10006700	A	-0.1555
rs6843558	A	0.1112
rs17355550	C	0.0999
rs12648971	A	0.189
rs12648898	A	0.1084
rs6834313	A	0.079

rs12108469	G	0.2339
rs115885137	T	0.1853
rs9992199	A	0.0375
rs1875718	A	0.1268
rs145846000	A	-0.1208
rs79570476	A	-0.1098
rs1525005	T	0.0351
rs317010	G	-0.0325
rs79852196	G	-0.237
rs114599822	T	-0.1768
rs9884549	G	0.0371
rs17238911	T	0.0703
rs77456746	G	0.0762
rs7434968	C	0.0408
rs74825593	T	-0.0685
rs73238581	A	0.0333
rs73250981	A	0.0511
rs6826807	T	-0.2762
rs28392704	T	-0.0825
rs62316519	T	0.0418
rs17021340	G	0.0644
rs7674020	C	0.0312
rs114225957	G	-0.1698
rs76261900	G	-0.1252
rs62334390	T	0.1265
rs10805089	C	0.0345
rs9999126	G	-0.1472
rs12512822	G	-0.0676
rs146700568	A	-0.2747
rs7667358	A	-0.0417
rs111296035	C	0.0981
rs1562429	A	0.0337
rs28727477	C	0.0883
rs113904074	G	0.2061
rs17503535	T	0.0954
rs11727746	T	-0.0802
rs78304440	C	0.093
rs10939075	T	0.0748
rs77349274	C	-0.0518
rs67192700	A	0.2114
rs11931996	C	-0.0773
rs1873719	A	0.0454
rs7690324	T	-0.0707
rs148935932	A	0.1294
rs79823037	C	0.2133
rs77132022	T	0.25
rs16841530	C	-0.0579

rs138481116	C	0.1142
rs4298137	T	0.0381
rs75979813	C	-0.098
rs4698754	G	0.0308
rs7664212	G	0.0497
rs13119078	T	-0.034
rs77476800	A	-0.126
rs140247800	T	0.1085
rs6841445	C	-0.0412
rs17253665	C	0.0561
rs143157347	C	0.1576
rs1836895	T	-0.0397
rs114257644	T	-0.2088
rs59905332	G	-0.1135
rs7668325	T	0.0467
rs73218964	G	0.1847
rs61364971	A	-0.1373
rs115842053	G	0.1719
rs11724896	T	0.0612
rs6810857	G	0.0317
rs7663233	A	-0.0434
rs144188302	T	-0.2697
rs62298554	T	-0.0397
rs10018789	A	0.0772
rs885262	G	-0.032
rs4395504	C	-0.0341
rs353175	A	-0.0385
rs113407937	C	-0.0356
rs115410868	A	0.106
rs729239	A	0.0566
rs60155769	A	-0.1241
rs1834346	G	0.0479
rs7672494	T	0.0532
rs13122307	C	-0.0876
rs9991203	G	-0.0485
rs16873749	T	-0.0499
rs1484266	G	0.0442
rs116411397	A	0.1654
rs115679961	A	-0.0483
rs75723112	T	-0.1992
rs75153669	T	0.0839
rs17004812	A	-0.0644
rs78630132	T	-0.0685
rs11936171	A	-0.0434
rs11931538	A	0.1177
rs114110930	G	-0.1587
rs2627652	G	0.0313

rs7677300	G	-0.0913
rs115655163	A	-0.1131
rs58432100	A	-0.1424
rs9307721	C	0.0605
rs17186264	T	0.1047
rs67402191	G	-0.0339
rs4597899	T	0.0314
rs80157196	C	0.0419
rs3960769	T	0.0426
rs111236443	C	0.1536
rs6855587	A	0.1545
rs962225	A	0.0334
rs114216011	A	-0.1551
rs2352767	A	-0.0628
rs1381744	A	-0.0363
rs139007517	A	-0.2472
rs62315335	T	0.0439
rs13143659	A	0.0328
rs28368663	T	-0.0771
rs17818225	G	0.1717
rs4242008	G	0.0575
rs17237560	C	0.0649
rs72712629	C	0.0645
rs6447533	A	0.0501
rs1388022	A	-0.0913
rs11938388	C	-0.0439
rs76951951	C	-0.0742
rs61357237	T	-0.0528
rs140036323	C	-0.1926
rs34714780	G	0.0616
rs77218667	A	0.1091
rs72706953	T	-0.1287
rs56172500	T	0.1296
rs62309500	G	0.0462
rs7698253	G	0.0297
rs148468735	T	0.2086
rs7661203	T	-0.0317
rs10516222	G	-0.0384
rs7439032	T	-0.0469
rs7670839	C	0.0781
rs2158275	A	0.0322
rs6841149	T	0.0357
rs10006314	C	-0.0324
rs661862	G	0.0323
rs114105483	A	0.1724
rs2355619	T	-0.0508
rs1426064	T	0.0358

rs1821189	A	0.0565
rs115302993	C	0.1148
rs10446717	A	-0.0657
rs3135878	G	-0.0668
rs34077189	T	0.1352
rs76256808	A	0.0778
rs78349454	G	-0.0729
rs116585463	A	-0.1848
rs28555153	A	0.2185
rs13144325	C	-0.0308
rs4694477	A	-0.0346
rs114905473	C	0.1029
rs72629578	G	0.0792
rs77967371	A	0.0884
rs55897988	G	-0.0735
rs12512863	T	0.0351
rs6849178	G	0.0392
rs11933464	T	-0.0483
rs6856880	G	-0.0372
rs1995126	G	-0.034
rs79456883	A	0.0969
rs149801259	A	0.0988
rs80220956	C	0.0643
rs115097430	A	-0.1674
rs74636735	A	0.0809
rs116149024	T	0.113
rs60874996	A	-0.0412
rs35201057	T	-0.1522
rs77822621	T	-0.0852
rs5522	C	0.0473
rs4407452	G	0.0422
rs17089860	G	-0.0498
rs657510	T	0.0339
rs115495116	A	0.0901
rs6839543	C	0.0313
rs74217030	C	0.0423
rs75608748	T	-0.0511
rs62306163	A	0.0746
rs2451032	C	-0.0317
rs10024613	T	0.0428
rs2087365	A	0.031
rs78662560	T	0.2007
rs12513158	A	-0.0556
rs148333605	A	0.1218
rs35727557	G	-0.2233
rs71606285	T	0.0783
rs115211834	T	-0.2249

rs80348513	A	0.1676
rs77738348	G	0.0678
rs147311791	C	0.1436
rs75411249	C	0.0976
rs114795447	T	-0.1267
rs4399959	T	-0.1378
rs1402499	C	0.0352
rs73234125	A	-0.0913
rs34995775	G	-0.0479
rs115157774	T	0.0843
rs6851905	A	0.0487
rs17072729	T	0.0523
rs72969175	A	0.0553
rs62305026	T	0.0566
rs869570	T	-0.0464
rs115645177	G	0.1735
rs75462887	G	-0.0315
rs13119011	T	0.0731
rs10032556	T	-0.0413
rs7662597	C	0.0464
rs75544992	G	0.1064
rs146982722	C	-0.1291
rs7687342	C	0.1139
rs2613193	G	0.1371
rs147170567	T	-0.2025
rs62328061	G	-0.0833
rs115168070	A	0.1727
rs79243194	G	-0.0928
rs115217139	T	0.1439
rs4698485	G	-0.0371
rs10031256	A	0.0734
rs67848407	T	-0.0395
rs6826517	C	0.035
rs35215500	G	-0.0374
rs149502648	T	0.1609
rs11930209	T	-0.0383
rs566737	C	0.0348
rs150500594	T	-0.2825
rs4691719	G	0.0299
rs146468284	A	0.2094
rs144894629	C	-0.1365
rs55824910	A	-0.0545
rs4694636	G	0.0306
rs1320061	T	0.0371
rs2018601	C	0.0305
rs75053054	C	-0.063
rs57427671	A	0.0571

rs78490980	A	-0.0708
rs1823483	G	-0.1918
rs115070063	G	0.1049
rs6812357	C	-0.1246
rs1353296	C	-0.1
rs146015261	G	0.1791
rs56271575	C	-0.0483
rs59814996	C	0.0879
rs6815221	A	0.0379
rs17199134	G	-0.0401
rs28406416	C	0.0544
rs1283034	A	-0.0318
rs111745213	A	0.0945
rs11734543	C	-0.0309
rs58217059	A	-0.0474
rs35075923	T	0.0374
rs7690964	T	-0.052
rs12643404	G	0.0528
rs78573490	G	0.0395
rs78485843	C	0.1939
rs116272873	T	0.0956
rs150073054	T	-0.2028
rs77370698	C	-0.1727
rs7658638	T	0.0365
rs114371571	A	-0.15
rs13150465	G	-0.0397
rs141210731	A	0.1186
rs17037759	C	-0.0817
rs62344507	A	0.1021
rs4358385	T	0.0558
rs74642353	T	0.1332
rs1898889	C	0.044
rs35021556	A	-0.0918
rs74353346	T	-0.0792
rs11724027	T	-0.1374
rs4397011	T	-0.1137
rs10517791	C	0.04
rs1380877	G	0.0431
rs6843851	C	0.1387
rs144140684	G	0.1269
rs115768865	A	0.1909
rs62304673	C	0.1626
rs75363641	C	-0.0561
rs143271754	C	-0.1432
rs113869989	A	-0.0575
rs17002607	C	-0.1258
rs10006983	G	0.1437

rs10033677	T	-0.0315
rs116752372	C	0.1796
rs149565239	T	-0.1976
rs79543311	C	0.0729
rs1951769	C	0.0851
rs62352888	A	0.1639
rs11722614	T	0.1045
rs74826969	A	-0.1706
rs145578853	A	0.1862
rs28454196	G	0.2141
rs62324936	G	-0.0696
rs2309337	G	-0.036
rs138583861	C	0.2119
rs7678412	C	0.1379
rs9997251	C	-0.0363
rs115650346	C	-0.0934
rs77387662	G	0.172
rs7660353	G	-0.0711
rs236775	T	-0.0399
rs113141588	T	0.1093
rs114779067	T	0.1476
rs72693677	A	0.0457
rs76772112	G	0.1356
rs11931842	G	-0.0306
rs34658403	T	-0.0505
rs56033606	T	0.1831
rs4241999	A	-0.031
rs148500626	A	0.159
rs72723690	A	0.2063
rs73018027	C	-0.1054
rs1843922	A	-0.0418
rs7661584	C	-0.056
rs72673080	T	0.2203
rs114869572	A	0.14
rs4833862	C	-0.0373
rs17656123	C	0.0704
rs61406778	C	0.1406
rs115393731	G	0.14
rs13144640	G	-0.2455
rs2312941	C	-0.0315
rs17368977	C	0.0365
rs12504418	C	0.046
rs79195557	G	0.1145
rs140838106	A	0.0301
rs16887918	A	0.1224
rs138754690	C	0.057
rs931033	T	-0.0291

rs4861681	T	0.0615
rs149435611	A	0.2519
rs2715373	G	-0.04
rs13132002	C	-0.0617
rs28488258	A	0.0397
rs4693702	T	-0.0336
rs74769668	A	-0.0753
rs113872392	A	0.1312
rs732037	A	0.0557
rs13132229	T	-0.1269
rs6822283	C	0.0349
rs6850707	A	0.0357
rs77764362	G	-0.1862
rs6821558	T	0.0394
rs78103129	T	0.1656
rs60433598	A	0.0505
rs62326002	C	-0.0474
rs4864154	A	-0.0373
rs79554255	A	-0.1295
rs115966008	G	-0.1226
rs72700052	T	0.1268
rs34493244	G	-0.0443
rs74777937	A	0.1291
rs1585136	T	0.0736
rs79409148	C	0.0722
rs72659273	G	0.0582
rs148527456	G	0.1918
rs6844679	C	0.04
rs11937335	T	-0.1832
rs11943813	C	0.0336
rs10006869	G	-0.0354
rs210788	T	0.0538
rs72696545	T	0.0568
rs7681153	A	-0.031
rs2205	T	0.0741
rs61685325	A	-0.1148
rs148635370	G	0.1089
rs13115486	T	-0.1172
rs6847235	A	0.0295
rs6826500	C	0.0495
rs56048545	T	-0.1301
rs34223888	T	-0.1299
rs11097247	G	-0.03
rs75608233	G	-0.153
rs111346925	A	0.1412
rs2276875	A	-0.0424
rs58514563	T	0.0355

rs77627125	G	0.1436
rs7438872	T	0.0499
rs7688709	A	-0.03
rs10030901	C	0.0774
rs9307224	T	0.0295
rs72727823	T	-0.1187
rs1827888	A	-0.0641
rs7439420	G	0.2185
rs35102682	A	0.0572
rs77963846	C	-0.0486
rs6533178	C	0.03
rs12641557	T	0.031
rs116754103	A	0.2266
rs7659695	C	-0.0377
rs142743586	G	-0.0681
rs61791481	C	0.0999
rs28599691	T	0.0495
rs112142689	T	-0.1958
rs17072515	G	-0.0421
rs13110154	C	0.1217
rs2866625	T	0.0535
rs75348807	A	0.1099
rs17394353	A	-0.1929
rs4864420	T	-0.0305
rs79677873	A	-0.1313
rs142058210	T	-0.2131
rs11941629	C	-0.0512
rs2119183	A	0.0489
rs113210138	T	-0.1314
rs12508083	G	-0.0572
rs71601634	A	0.1808
rs6823068	T	-0.0318
rs7676702	C	0.0922
rs13129205	T	0.0476
rs1711391	T	-0.0446
rs13132687	A	-0.0336
rs10009648	G	-0.032
rs115996053	G	-0.1766
rs11724858	C	0.0891
rs7699978	A	0.0429
rs72676412	T	0.1158
rs17644018	C	0.0325
rs150850446	C	-0.1078
rs10031347	T	-0.033
rs1822633	A	-0.074
rs17074047	A	-0.0515
rs10010932	C	-0.1266

rs12331376	T	-0.0314
rs116386357	G	-0.0609
rs2903065	T	-0.1791
rs114777181	A	0.1926
rs10004137	T	-0.0576
rs2635228	T	-0.0665
rs61792671	T	-0.0715
rs75328672	G	0.0946
rs78599329	G	0.1257
rs9918014	C	-0.0809
rs17015446	T	-0.0984
rs77101509	A	-0.1162
rs11723508	T	0.1363
rs6821007	C	0.1174
rs17515340	G	0.0636
rs115289270	T	0.0529
rs16839120	A	0.1511
rs147540015	C	-0.1796
rs78831509	T	0.1386
rs17072249	G	-0.0612
rs17835379	C	-0.1597
rs2352939	C	-0.034
rs2637736	G	-0.0288
rs6819345	C	0.1384
rs145138404	T	-0.1364
rs79431086	T	-0.0786
rs1665840	G	-0.0754
rs6853837	A	-0.0336
rs150354723	A	-0.1681
rs993091	T	-0.0674
rs72700228	A	0.1168
rs1009241	C	0.0317
rs61025875	C	0.0724
rs6552937	C	-0.0388
rs1000222	A	0.0303
rs2452495	C	0.0543
rs76438434	C	0.0693
rs7683488	A	0.0443
rs4488961	C	0.2118
rs11724292	C	0.0363
rs3025839	G	0.1469
rs34555087	T	-0.0678
rs142544972	C	-0.2746
rs62302537	T	-0.1655
rs6533068	C	-0.0375
rs1821544	T	-0.0407
rs3934005	C	-0.0316

rs13135549	T	-0.0329
rs116496635	T	-0.171
rs116367050	A	-0.0373
rs11728021	G	-0.0371
rs80115527	C	-0.1919
rs6533422	G	0.0305
rs11930055	A	-0.0501
rs716974	C	0.1889
rs35431377	G	0.038
rs72707915	C	0.0517
rs73244487	T	0.1079
rs11723284	G	0.0369
rs6826070	C	-0.0316
rs11944371	C	-0.0563
rs1493509	G	0.0346
rs146771569	C	0.0951
rs76216193	T	0.2145
rs79922932	C	-0.0714
rs72641095	T	-0.3014
rs353306	A	0.0607
rs56179190	C	0.1369
rs7699269	A	0.0603
rs61428210	G	0.0287
rs114715177	T	-0.0742
rs78983122	G	-0.2522
rs13128982	T	0.1916
rs61168613	A	0.196
rs76302094	C	-0.2121
rs74560179	C	0.1793
rs725030	G	0.0412
rs17060970	C	0.048
rs4129749	G	-0.033
rs4697037	T	-0.1111
rs77348370	G	0.1478
rs72722706	A	-0.0867
rs12640734	G	0.0299
rs28383653	T	0.2112
rs138867056	C	0.1807
rs75690698	A	0.1058
rs76123678	C	-0.055
rs115474583	G	-0.162
rs12642297	A	0.2368
rs79481582	C	0.0737
rs12643519	T	0.1668
rs57207472	C	0.2074
rs116562980	T	-0.0966
rs35699617	A	0.0548

rs4525961	A	0.029
rs143639368	C	-0.1246
rs74641442	T	-0.171
rs9884172	G	-0.0503
rs35117198	G	0.153
rs72656163	T	-0.1022
rs62409210	A	0.1347
rs62344858	G	0.0375
rs115358702	C	-0.216
rs1922838	C	-0.0415
rs62335982	T	-0.0625
rs72685400	A	-0.242
rs13120150	A	0.0287
rs151173918	T	-0.1822
rs12640584	A	-0.1693
rs72636366	G	0.1907
rs10031572	T	0.054
rs34765519	A	-0.1353
rs17621450	G	-0.0992
rs10011147	G	-0.0353
rs112876916	T	0.1389
rs2605277	C	0.0931
rs116859576	G	0.121
rs57866193	A	0.0343
rs4234999	C	-0.0313
rs12511321	T	0.0555
rs4610291	A	0.0905
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rs79559860	A	0.1724
rs28424132	G	-0.0402
rs7688534	C	-0.0344
rs13120209	C	-0.0368
rs6820444	C	0.0333
rs115558832	G	-0.1395
rs6831001	C	0.1052
rs116509604	C	-0.0763
rs2712108	A	0.0328
rs76160590	G	0.0998
rs79030004	G	0.1825
rs222014	T	-0.0496
rs11724087	T	-0.0288
rs76544327	T	0.115
rs112564816	T	0.133
rs115616818	G	-0.1389
rs73856893	T	-0.0384
rs75876552	T	-0.1311

rs76234810	G	-0.2038
rs2215880	C	-0.0363
rs4696734	A	-0.0321
rs10027997	A	-0.033
rs78546705	A	0.073
rs4414958	T	0.0448
rs3893808	A	0.0289
rs11939755	A	-0.1697
rs74990232	A	0.1183
rs6826887	T	0.04
rs149585823	G	-0.125
rs7655560	A	-0.0695
rs62348503	C	0.159
rs720257	A	-0.0337
rs1158073	G	0.1039
rs116558900	A	-0.1359
rs148358927	C	0.1582
rs3109950	T	-0.0804
rs77997628	T	-0.0706
rs11097128	A	0.0656
rs28534958	G	0.0544
rs140461291	A	-0.1649
rs150787032	C	0.2158
rs2219744	T	0.1091
rs4407556	A	0.1074
rs13123361	C	0.0856
rs75545045	C	-0.0608
rs80290497	C	-0.122
rs13112218	C	-0.0296
rs13129987	C	-0.0464
rs78683542	T	0.1549
rs111634284	C	0.2387
rs17557691	A	-0.0453
rs17466028	C	0.0465
rs138021680	T	-0.1968
rs11734604	A	0.0453
rs17008522	G	-0.0307
rs62331165	A	-0.0313
rs73225312	T	0.1455
rs62325468	C	0.0799
rs113990425	C	0.0457
rs1964691	A	0.1044
rs7663479	T	-0.2462
rs138124618	T	-0.0858
rs138885390	C	0.2158
rs2126526	A	-0.0285
rs115788968	A	-0.1207

rs142189356	A	-0.2285
rs7690911	G	0.0521
rs79742289	G	0.055
rs7691016	C	-0.0335
rs76316142	G	-0.1477
rs35055952	A	0.0663
rs7684096	C	0.0443
rs1969531	A	0.0291
rs149864906	A	-0.1822
rs79135172	G	0.1211
rs144348470	G	0.2757
rs1448812	C	0.0342
rs148287940	T	-0.1932
rs10026512	T	0.0814
rs78044674	C	0.1912
rs79373522	A	-0.2295
rs4689583	A	-0.0729
rs77746906	T	-0.1105
rs73245208	A	-0.274
rs76058677	T	-0.1408
rs2719342	A	0.0743
rs2220178	G	-0.0327
rs150190345	G	0.1206
rs73801827	G	-0.0802
rs57472485	G	0.1968
rs4400038	A	-0.03
rs77474778	C	-0.0767
rs6817377	G	-0.0498
rs113807131	T	0.1106
rs114178816	G	0.1139
rs17749766	C	-0.1012
rs28412049	T	0.0329
rs28726676	C	0.0614
rs1317234	A	0.0404
rs1718840	A	0.1223
rs62316653	A	0.1411
rs115260833	A	0.2411
rs59742458	T	0.2138
rs144001125	T	-0.0707
rs111881515	G	-0.1598
rs6446605	C	0.0583
rs115252668	G	0.0984
rs28378767	G	0.1245
rs115022093	A	0.1192
rs17541343	A	-0.202
rs11098882	C	-0.0518
rs1605322	G	0.1342

rs57122673	C	0.036
rs78153733	C	0.1359
rs76759082	T	0.1292
rs113429221	C	-0.0966
rs72724615	T	-0.0417
rs12511195	T	-0.0447
rs4577620	A	0.052
rs28505678	T	0.0991
rs1263329	C	-0.0341
rs79421241	G	0.0784
rs6838387	G	-0.0446
rs7691607	A	0.0364
rs74396259	G	0.0522
rs9784422	C	-0.0326
rs1386625	A	-0.0516
rs6532168	G	-0.049
rs10014076	G	-0.0304
rs11729698	T	0.0306
rs2309499	T	0.0389
rs7674921	A	0.0405
rs62315972	G	-0.04
rs2175494	T	-0.0355
rs60148981	C	-0.038
rs79519460	G	0.1857
rs115154815	T	-0.089
rs35023169	A	-0.039
rs73827421	C	-0.1457
rs72715421	T	-0.0939
rs74896913	A	-0.0806
rs79541346	T	0.1669
rs74432460	A	0.0974
rs116787332	A	-0.1686
rs2710837	T	0.0287
rs55894917	A	0.0454
rs7669395	A	-0.0366
rs2618931	T	0.0531
rs951787	T	-0.2028
rs77792955	C	0.1564
rs7693278	G	0.0507
rs66935367	C	0.034
rs203437	G	0.0313
rs116581805	T	-0.1654
rs28622224	T	0.0317
rs62299068	C	0.1041
rs62411618	G	-0.1336
rs143695455	G	-0.1467
rs1502740	T	-0.0408

rs147852955	A	0.0518
rs74347547	A	0.1806
rs147502765	A	0.1731
rs11728787	T	-0.0383
rs114698074	A	0.105
rs143867338	A	-0.1956
rs62358469	G	-0.0579
rs76546208	T	0.1286
rs16885718	C	0.1061
rs2034704	T	0.1827
rs75847579	T	-0.1165
rs7661726	A	-0.1992
rs13102480	A	-0.0576
rs62305413	C	-0.0494
rs62353544	T	-0.0389
rs12498874	A	-0.0452
rs56324706	T	-0.0327
rs12506090	A	0.0337
rs150057400	C	0.1511
rs1588514	A	-0.0322
rs6811602	C	-0.0634
rs12499410	C	0.0301
rs10013873	A	0.1831
rs144419150	C	0.1815
rs56211328	T	-0.228
rs11723917	T	-0.1248
rs28651956	G	-0.0544
rs1873516	A	0.0301
rs75831172	T	-0.0889
rs28888738	T	-0.0565
rs113077411	A	0.1252
rs10007590	G	0.0363
rs6552757	A	0.1885
rs28633268	C	0.1024
rs2102690	T	0.0346
rs57491817	C	-0.0628
rs75641942	A	0.1417
rs60373060	A	0.101
rs56905341	C	0.0532
rs116728888	A	-0.1968
rs111403188	C	0.0778
rs17005319	C	-0.1623
rs76679495	A	-0.1793
rs13130975	T	-0.0512
rs142341862	C	-0.2408
rs4423831	G	-0.0436
rs143606481	C	0.1831

rs4864763	G	0.159
rs60218442	C	0.0468
rs13131479	G	0.0327
rs12643638	C	0.0577
rs77661998	G	0.2471
rs7669848	T	0.0311
rs17058978	T	0.0651
rs150957872	C	0.2381
rs78231556	G	0.0897
rs10012223	C	-0.13
rs78245217	G	-0.1691
rs76221487	A	-0.1516
rs4699359	A	0.0823
rs73223492	G	0.1
rs28538980	G	-0.1102
rs28438616	G	0.0607
rs56288661	C	0.1653
rs80071555	C	0.116
rs12498415	T	-0.0391
rs11938310	T	-0.033
rs17448536	C	0.0448
rs11725734	C	0.029
rs114114507	T	-0.2302
rs138416405	C	0.0966
rs76069658	C	-0.1967
rs4691990	T	0.0434
rs114520851	A	0.0577
rs115151306	A	-0.1332
rs17023940	A	0.0361
rs147157781	G	0.182
rs1501135	T	-0.0297
rs116568893	A	0.182
rs17291829	G	-0.0403
rs78855915	A	-0.0592
rs2061988	T	-0.0294
rs78970116	T	0.0744
rs141543039	A	0.1344
rs17586996	T	-0.062
rs924158	C	0.0537
rs68103088	C	-0.1017
rs62409913	G	0.0645
rs11730826	T	-0.0356
rs73148104	A	0.0462
rs74670562	T	-0.1429
rs4835020	A	-0.1025
rs2010544	T	-0.0588
rs77950877	T	-0.1327

rs9998321	G	-0.0374
rs17051351	C	0.0706
rs56317495	G	-0.0946
rs80024052	C	-0.1079
rs75718978	T	0.1585
rs144312618	A	0.1005
rs145677708	G	0.1948
rs2583221	C	-0.0438
rs74842870	C	-0.097
rs76417970	C	0.0606
rs62314648	A	-0.0381
rs28715114	T	0.0303
rs56407627	C	0.0281
rs62306729	A	0.1494
rs6830250	C	-0.0358
rs115886866	A	0.1077
rs12647908	T	-0.035
rs111353210	G	0.0814
rs116694123	C	0.0687
rs62321510	T	-0.2213
rs74603876	A	0.0662
rs111772667	A	-0.0868
rs78030545	C	-0.1256
rs7667073	A	0.0347
rs28384378	A	0.1775
rs6815059	A	0.0356
rs223931	T	0.0292
rs111716847	T	0.1315
rs142096220	A	0.1432
rs28726088	A	0.0774
rs76587822	A	-0.1472
rs7672966	A	-0.0487
rs10004411	G	0.0434
rs113636723	C	0.1648
rs77298253	C	0.093
rs61618883	T	0.0463
rs73240544	G	-0.0955
rs10023816	G	0.1021
rs2702455	G	0.0658
rs9998733	G	0.0317
rs116749719	G	0.162
rs4373194	C	0.0362
rs141124657	T	-0.1267
rs140528804	A	-0.1537
rs2866782	C	-0.0638
rs13105903	T	-0.0537
rs13133116	G	0.0379

rs72729818	C	0.0587
rs244014	A	0.0304
rs76700574	A	0.1534
rs6849348	T	0.0449
rs115193584	A	-0.1133
rs3109834	T	-0.0839
rs10050034	C	0.0458
rs13148796	T	0.0349
rs13101726	T	0.0385
rs1080154	A	-0.0728
rs2345759	T	0.0316
rs7434698	T	0.1308
rs115650116	A	0.1205
rs143194158	G	0.1361
rs142501619	T	-0.1603
rs72658333	T	-0.0472
rs722123	T	-0.1008
rs114381990	A	-0.2069
rs78600292	G	0.0484
rs78234724	T	0.1354
rs284779	G	0.0372
rs150661101	T	0.1157
rs2376393	A	0.0432
rs11931740	A	-0.0355
rs13104189	T	-0.0505
rs114129019	T	0.2675
rs2581984	G	0.0282
rs1473070	C	-0.034
rs72641531	T	0.1869
rs3775777	G	-0.03
rs116078739	C	-0.2547
rs149038650	C	0.1414
rs16996087	C	-0.1752
rs111722219	T	-0.0362
rs149382687	C	0.2287
rs17089959	A	0.0353
rs4455451	C	-0.0667
rs972313	A	-0.0283
rs7683982	C	0.0313
rs6841164	G	0.0332
rs141999434	A	0.1678
rs77862673	A	0.1392
rs145531718	A	0.2054
rs2130872	C	0.0506
rs142030053	A	-0.2022
rs77230143	T	0.0803
rs114129619	A	0.2063

rs73241814	A	0.188
rs2345476	C	-0.0365
rs116740990	C	-0.179
rs13112157	T	0.0612
rs114597517	A	0.1117
rs6832994	G	-0.0775
rs78711588	T	-0.1379
rs117332971	T	-0.1019
rs77232146	C	0.0799
rs12639670	A	-0.0458
rs55956278	A	-0.0304
rs79057463	G	-0.1441
rs17306815	G	-0.0564
rs6552517	C	-0.031
rs112648965	G	0.0834
rs2947408	A	-0.1147
rs75172189	G	0.2012
rs1500382	A	-0.0516
rs62337919	G	-0.1992
rs62326588	G	-0.036
rs75453787	C	0.0805
rs34124188	C	-0.0316
rs11727064	T	-0.1999
rs35363119	C	-0.0343
rs74681387	A	0.1849
rs62352005	A	0.0861
rs4861312	T	0.1253
rs9917873	A	-0.116
rs17055345	C	0.0485
rs13128392	T	-0.0318
rs16897644	G	0.0408
rs147569112	G	0.1883
rs2170551	T	-0.0587
rs2341216	G	0.0783
rs1013510	G	-0.0443
rs1983112	C	0.049
rs13135735	T	-0.0305
rs72968010	C	0.1274
rs12501485	G	0.0323
rs10026647	A	0.0516
rs17431991	T	0.0859
rs74327278	C	-0.108
rs17525667	G	-0.2512
rs114022292	T	-0.0975
rs2061516	T	-0.0776
rs116822161	C	-0.171
rs78993076	A	0.2814

rs34541023	T	-0.0583
rs67808462	T	-0.0308
rs113038550	C	-0.2367
rs11733194	C	0.1297
rs13117737	C	0.0284
rs11938225	C	0.039
rs6833679	T	0.1159
rs6823516	T	-0.0534
rs145197114	C	0.1597
rs13103965	A	0.0447
rs17862068	T	0.2475
rs113463146	T	0.1039
rs4352484	A	0.0382
rs1490576	C	0.0278
rs1453045	G	0.0491
rs16878958	T	0.0764
rs74386594	G	-0.2003
rs57810789	T	0.0432
rs9997599	T	-0.1031
rs1471483	T	-0.0286
rs114683994	A	0.218
rs12504895	A	0.0773
rs13136820	C	-0.0325
rs6838129	A	0.029
rs79008894	T	-0.1267
rs1405682	A	0.1058
rs62311835	C	-0.1766
rs147391728	A	0.1038
rs3828550	A	0.0321
rs12502456	G	-0.0955
rs2421267	T	0.0373
rs4577569	G	0.1096
rs34879386	T	-0.05
rs73258353	C	-0.1356
rs34627176	A	0.0438
rs76060705	A	0.1553
rs1552974	T	-0.0283
rs114135564	T	0.159
rs141864363	A	-0.1072
rs1388320	A	-0.0308
rs7669647	A	-0.0399
rs4698811	A	-0.0326
rs72715998	G	-0.111
rs56852457	G	0.1477
rs11725082	C	0.03
rs76917347	A	-0.1803
rs79164348	A	0.188

rs57699692	C	-0.035
rs114184943	T	-0.1561
rs35117586	G	0.032
rs4859528	A	0.0479
rs34967228	C	0.0391
rs58034070	A	-0.0648
rs144689627	G	0.1807
rs17032291	T	-0.0675
rs4078180	G	-0.0507
rs17074362	G	0.0361
rs148808310	C	-0.2145
rs13111393	T	0.0319
rs4415001	A	0.0359
rs2903896	T	-0.0379
rs6854083	G	0.0628
rs4547796	C	0.0356
rs10034750	G	-0.0311
rs12503539	A	-0.0422
rs80197926	C	-0.05
rs77411647	G	-0.1144
rs7698090	C	-0.103
rs814390	G	0.028
rs4956082	G	0.0344
rs61796111	G	0.1687
rs78017389	T	-0.1027
rs35006789	A	0.0346
rs9307071	A	-0.0319
rs79442957	A	0.1066
rs13136187	A	-0.136
rs77380431	A	-0.0996
rs1724557	C	-0.0325
rs9998401	G	0.0928
rs11722846	A	0.0358
rs72652795	T	0.1811
rs138159921	C	0.1335
rs10005706	T	-0.089
rs7687066	G	0.0685
rs114782514	G	0.2107
rs116058722	G	-0.1937
rs77885998	A	0.0958
rs17582143	A	-0.1177
rs146365485	G	0.1053
rs116094176	T	0.1584
rs11735311	T	-0.0976
rs74669921	C	0.1184
rs35197617	T	0.0304
rs78420507	A	0.0921

rs77949878	G	0.0811
rs146778139	A	0.1758
rs13152434	C	-0.1775
rs114321141	C	0.0981
rs2019908	G	-0.0365
rs62295421	C	0.1417
rs138803617	A	-0.1766
rs62289284	G	-0.0922
rs11941122	T	0.029
rs2590822	T	-0.0358
rs62350593	C	-0.0534
rs111840470	A	-0.1784
rs17384915	G	0.0293
rs115559424	A	-0.1643
rs147122280	T	0.1285
rs114596400	A	0.1299
rs74848057	C	0.0904
rs13151519	A	0.108
rs114152358	C	-0.1685
rs76200782	G	-0.1804
rs4425335	G	0.0308
rs13126013	G	-0.0675
rs13149268	C	-0.0299
rs140864384	T	-0.0894
rs12645631	A	0.0401
rs55728547	C	-0.0412
rs1468545	A	-0.0318
rs72953046	A	0.0872
rs57657064	A	0.0632
rs10434298	T	0.0625
rs116737061	A	-0.0417
rs80090500	T	-0.054
rs10018687	T	-0.0376
rs6834591	T	-0.1833
rs76355532	G	0.1228
rs114590378	T	0.1475
rs6835929	G	-0.0458
rs57514407	C	0.0381
rs526304	C	-0.0374
rs79669236	T	0.148
rs114967689	G	-0.2283
rs34023270	T	0.087
rs71606108	T	-0.0898
rs61795421	G	-0.0413
rs61700497	G	0.0465
rs73807457	A	0.1239
rs72667493	A	0.111

rs17712401	A	0.0745
rs80304248	T	-0.0921
rs4635780	G	0.0287
rs62316233	T	0.1363
rs17327410	G	-0.1504
rs62316190	G	-0.0838
rs12504254	C	0.063
rs114025208	T	-0.1457
rs78599785	T	-0.0493
rs114715859	G	-0.1605
rs75440178	C	-0.072
rs6551723	T	0.0801
rs149379082	C	0.2074
rs76259364	A	0.0969
rs4333219	T	-0.183
rs11726281	C	-0.0585
rs62410180	C	-0.1471
rs34490049	A	0.029
rs79818218	A	0.0425
rs12651252	C	0.1433
rs13132098	G	0.0294
rs2622612	T	-0.0689
rs76509691	T	0.2167
rs10022955	A	0.0281
rs62318668	C	0.1442
rs1757922	T	0.1497
rs72644723	C	0.1086
rs17471212	G	0.0861
rs76337973	C	-0.1259
rs71603927	G	0.0648
rs12511735	C	-0.0336
rs1281143	G	-0.0444
rs4865171	G	-0.0413
rs28453834	T	0.1389
rs28452418	T	0.039
rs7693824	T	-0.0532
rs9999325	C	0.1158
rs116513979	G	0.1413
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rs166777	C	0.0459
rs6847172	G	0.0287
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rs116614155	A	0.1497
rs2059117	G	0.0317
rs17527016	T	0.0537
rs149293287	G	0.0333
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rs114126723	G	0.0911
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rs28718811	C	-0.0298
rs1157023	T	0.0315
rs4623093	T	-0.0478
rs62309857	G	0.1094
rs77667837	T	0.1331
rs73240047	G	-0.1127
rs4694381	G	0.0344
rs13137688	C	-0.0342
rs112425218	T	-0.1059
rs145557762	T	0.1742
rs1318884	C	-0.0307
rs12163869	A	-0.0374
rs2319907	C	0.0453
rs138194142	A	0.246
rs111373050	G	-0.1734
rs114262253	C	0.093
rs115613784	T	-0.1759
rs114927960	G	-0.1443
rs141308127	G	0.1155
rs4956414	A	0.0994
rs79539766	G	-0.1576
rs72685405	G	-0.1334
rs10050232	A	0.0314
rs2705978	G	-0.0434
rs12508028	C	-0.029
rs480450	T	0.0276
rs114491684	T	-0.0853
rs952726	T	-0.0278
rs148257484	G	-0.138
rs17006462	T	0.1931
rs11733059	A	0.0498
rs114266518	A	0.1832
rs75038714	C	0.0875
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rs72690430	A	0.1029
rs56805755	T	0.0779
rs6534991	C	0.0293
rs55914648	T	-0.0326
rs17271582	T	0.0676
rs28426993	T	-0.0762
rs12500666	G	-0.0305
rs114130949	T	0.1862
rs9998470	C	0.0322
rs28567730	A	0.0529
rs77186738	C	-0.1157

rs115710205	C	0.1231
rs2866023	C	-0.0288
rs716948	T	0.0436
rs71620245	A	-0.062
rs4235123	C	-0.0317
rs9291290	T	0.0306
rs73113216	A	0.0757
rs73232185	G	0.0327
rs13152477	T	-0.1648
rs76596643	A	0.2513
rs140939800	A	0.1265
rs17011169	G	-0.1618
rs118182494	T	0.1598
rs9307834	C	0.0283
rs55702612	A	-0.1326
rs146663912	C	0.1663
rs75010774	C	0.1088
rs72651558	T	-0.1097
rs4264889	C	-0.0292
rs12508067	A	0.0388
rs10013817	A	0.0273
rs138774387	C	0.163
rs2099606	G	0.1057
rs988717	A	-0.1012
rs6824600	C	-0.0861
rs17789584	C	0.149
rs4257646	A	0.0459
rs62307874	T	-0.0558
rs72732119	T	-0.0543
rs139096821	A	0.0632
rs144710076	T	-0.0703
rs7657530	G	-0.0314
rs71607244	T	0.0953
rs77535344	T	0.1263
rs115328341	G	0.1301
rs17821431	C	0.0567
rs9714756	T	-0.0893
rs570799	G	0.091
rs4235441	A	0.1369
rs1484185	T	-0.0867
rs17422624	A	0.061
rs1395483	T	-0.0281
rs4473617	G	0.0336
rs2621243	C	-0.0617
rs148665009	C	-0.03
rs138255000	A	0.096
rs10213366	T	0.0703

rs6814839	G	0.0531
rs71611904	A	-0.0975
rs114664020	T	-0.091
rs73250370	A	0.0521
rs2126021	G	0.07
rs13137603	T	-0.0527
rs2279894	G	-0.0287
rs115827593	T	0.1352
rs11729565	C	0.0535
rs13145224	G	0.0383
rs715070	A	0.028
rs6820980	G	-0.0325
rs11100873	A	-0.0505
rs72646389	T	-0.1358
rs1988029	C	0.0447
rs9684777	A	0.0961
rs113754426	C	0.1026
rs13146310	A	-0.1121
rs115808046	G	0.1071
rs116797506	A	0.0999
rs73163103	T	0.1775
rs77898182	C	0.138
rs6536201	G	-0.064
rs79276117	T	-0.1166
rs6822594	A	0.1571
rs71609917	T	-0.1928
rs79644512	A	0.0567
rs113599936	A	0.0847
rs7681164	G	-0.0309
rs4631015	A	0.0444
rs150116088	A	-0.1364
rs6533371	T	0.0278
rs12645842	G	0.0274
rs80047303	G	0.1377
rs55842816	T	-0.1517
rs13151601	A	0.0293
rs61795295	T	-0.1588
rs1358235	T	0.0336
rs41266531	G	0.0521
rs7676531	C	0.0879
rs62305968	T	-0.0479
rs13143266	A	-0.0281
rs75472494	T	-0.0812
rs6857300	A	0.028
rs11725447	A	-0.0386
rs144452756	T	-0.2656
rs17043355	C	-0.0441

rs4691706	C	0.0601
rs11724382	T	-0.0473
rs116630353	A	-0.1067
rs115421600	A	-0.0748
rs76518241	T	-0.0373
rs11133134	T	-0.1085
rs720393	A	-0.0756
rs77461338	A	0.2192
rs12639689	G	-0.0486
rs72664574	A	0.0481
rs59347188	G	0.0382
rs75752296	A	0.0701
rs137989690	A	0.1079
rs79626750	C	0.0783
rs2222412	T	0.0546
rs62315548	C	0.2492
rs2582038	A	0.0526
rs11728279	T	0.031
rs57799941	A	-0.0564
rs113155751	A	0.0981
rs79318996	A	-0.0466
rs72708708	A	-0.1069
rs78292477	A	-0.1427
rs2353314	G	0.027
rs67500096	C	0.0485
rs35924119	A	-0.0363
rs73221004	A	-0.0406
rs11722208	A	-0.0314
rs113479564	A	0.0833
rs10012412	C	0.1734
rs73090925	G	-0.114
rs111334123	T	0.0604
rs4695992	A	0.0339
rs75605345	G	0.1264
rs142053468	T	-0.1465
rs4690542	T	-0.0305
rs112050683	T	0.1467
rs80052463	T	0.0822
rs207397	T	0.0398
rs147763441	A	-0.1254
rs4693739	C	-0.0282
rs111803265	G	0.0703
rs114506178	A	0.1031
rs11733163	T	0.0318
rs111695016	A	0.0858
rs77506232	G	-0.115
rs6532064	T	0.0611

rs115270146	G	-0.1033
rs112838775	T	-0.152
rs150012826	T	-0.1846
rs76915287	T	0.1496
rs114112160	G	-0.1316
rs77916140	T	-0.1287
rs72682261	T	-0.0917
rs78215194	C	0.036
rs139182978	T	-0.0731
rs137976799	A	-0.1463
rs143615652	T	-0.0959
rs512590	T	0.0956
rs78766975	C	-0.1446
rs62294694	G	-0.035
rs6831390	A	0.0315
rs62328001	T	-0.0889
rs6836241	T	0.0617
rs145267967	T	-0.2332
rs13136434	G	-0.0524
rs71613831	A	-0.2256
rs6553671	A	-0.0326
rs10212851	C	-0.0347
rs12510474	G	0.0422
rs34413108	G	-0.0483
rs6848595	G	0.0349
rs73093812	C	-0.1322
rs12513279	A	-0.0271
rs113686172	A	0.2654
rs7681989	T	-0.032
rs4832876	T	-0.0321
rs10213527	G	-0.043
rs142101248	T	-0.1892
rs10939033	G	-0.0279
rs61792235	G	-0.1175
rs111259417	G	0.16
rs34842178	C	0.1782
rs60035268	A	-0.0566
rs150922434	G	-0.1372
rs144342117	T	-0.1834
rs17580740	C	0.0353
rs62324030	A	-0.1352
rs7671216	T	0.0318
rs1510808	A	0.0439
rs77424907	T	-0.0821
rs72637883	C	0.1604
rs6824430	C	0.0391
rs7663213	A	0.1091

rs2130642	T	-0.0271
rs146526206	C	0.2284
rs74808541	T	0.1678
rs3733510	A	-0.0828
rs9994348	A	0.0369
rs278988	G	0.0321
rs75075977	G	0.067
rs17228485	A	0.0325
rs114578848	A	-0.2
rs7664238	C	-0.0269
rs139199874	G	0.2081
rs3775869	C	0.0267
rs13106791	T	0.073
rs149247824	A	-0.2124
rs12503726	T	0.176
rs138772678	G	-0.1707
rs13116567	T	-0.0272
rs6823492	A	0.0492
rs138477272	C	-0.049
rs1392896	T	-0.0295
rs6835806	C	0.0385
rs62309614	G	0.1071
rs2221782	C	-0.0916
rs1388311	A	-0.0574
rs13127195	T	-0.0318
rs76558028	A	0.0986
rs114426427	A	0.2058
rs115559698	G	0.147
rs2710818	C	-0.0313
rs33978842	C	-0.0945
rs116700186	T	-0.1073
rs4698085	A	-0.1
rs80112164	A	0.0792
rs2946398	T	0.0281
rs969010	G	-0.0282
rs34850839	G	0.088
rs143698358	C	-0.1401
rs17028116	T	-0.0461
rs62302274	T	0.2146
rs203723	C	0.0461
rs7669710	A	0.0292
rs4864540	T	-0.0305
rs138419263	C	-0.0785
rs12650215	A	0.0493
rs36021809	A	-0.0274
rs7441166	C	-0.0801
rs9992693	T	-0.0303

rs12646375	C	0.057
rs73873392	A	-0.1309
rs17029345	A	0.043
rs1718824	A	-0.0321
rs12506925	C	0.0284
rs72855283	A	0.1087
rs1878401	G	0.0303
rs111412575	T	0.157
rs7691428	C	-0.0476
rs115164983	G	-0.1856
rs6851110	A	-0.031
rs78315406	G	-0.2238
rs58466439	A	0.0382
rs6820021	C	0.0345
rs35454701	T	-0.055
rs142901283	C	-0.1048
rs72666542	G	0.0734
rs78016224	A	0.1556
rs115520993	G	0.0776
rs13146660	G	0.0439
rs116445469	T	0.0945
rs1491313	T	-0.0381
rs10008867	A	-0.0319
rs6851178	T	-0.0312
rs36045894	C	0.0354
rs13143875	T	-0.1
rs13122144	T	-0.0475
rs908013	G	-0.0449
rs139488523	G	0.1613
rs112020430	T	0.1127
rs13120429	G	0.0986
rs3924180	T	0.0524
rs756516	G	0.055
rs2247831	T	-0.0836
rs78673751	T	0.091
rs62354298	T	-0.0539
rs141388771	C	0.1511
rs72655714	T	-0.0507
rs140616291	T	0.0716
rs76850474	A	-0.0883
rs6448473	G	-0.0286
rs144912307	C	0.1846
rs139505552	C	-0.1633
rs4396998	C	0.035
rs113903022	C	-0.0668
rs149410181	T	0.1607
rs4371590	A	-0.0614

rs2174656	A	-0.0417
rs71607920	G	-0.0899
rs111227042	T	0.1034
rs6855153	A	0.1107
rs75969857	G	0.0462
rs35210059	A	-0.1224
rs6833202	A	-0.0459
rs7695418	T	-0.0501
rs13125685	A	-0.1153
rs35389354	T	-0.0346
rs114781471	A	0.0542
rs55888429	T	-0.0407
rs6848976	C	0.0976
rs114876348	C	0.1806
rs80353184	A	-0.1875
rs11942146	G	-0.035
rs72661932	G	-0.1415
rs80136695	G	-0.0543
rs145382868	G	-0.2412
rs115854294	G	-0.1362
rs10014757	G	-0.0857
rs4246697	C	-0.0497
rs140448422	C	0.1321
rs950950	T	0.0281
rs146866664	G	-0.1244
rs28629414	T	0.0493
rs78619534	T	0.0641
rs7679296	T	-0.0869
rs4271997	G	-0.1242
rs6533389	T	-0.0278
rs76964101	A	0.2215
rs13107059	C	-0.0652
rs59595610	A	-0.0867
rs116328935	A	0.1244
rs13136794	C	0.028
rs116171193	G	0.117
rs6848178	T	-0.0288
rs1916112	G	-0.0293
rs12510033	C	0.0544
rs11932677	C	-0.0504
rs6447189	C	-0.115
rs74506398	A	0.145
rs4359951	A	-0.0828
rs116349060	A	0.1216
rs116306905	G	0.1928
rs28708419	T	0.2266
rs150487132	A	-0.116

rs73011536	G	-0.0549
rs74539743	G	-0.062
rs62322736	C	-0.2075
rs12498613	A	0.1077
rs56169775	A	-0.0354
rs62331464	C	0.0984
rs13124387	G	-0.0286
rs72654047	A	-0.0383
rs62617788	T	0.1997
rs12643755	G	0.0307
rs111923510	T	-0.0842
rs11735162	G	0.0516
rs11727964	A	-0.1787
rs114602388	C	-0.1919
rs72705934	C	0.1618
rs4835272	C	-0.0275
rs10023386	A	0.0332
rs751240	T	0.0477
rs114527888	G	-0.0598
rs75866404	T	-0.0553
rs33969229	A	0.0368
rs1651207	C	-0.0282
rs6534330	T	0.0268
rs73200156	A	0.056
rs77686042	C	0.0985
rs72716281	G	0.1196
rs17028449	G	0.0422
rs231704	T	-0.0332
rs9996645	C	-0.037
rs55985235	T	0.0925
rs78258339	C	-0.1379
rs10005563	G	0.0333
rs28729447	C	0.0345
rs114128538	C	0.1258
rs114205782	A	-0.1796
rs1031619	G	0.0463
rs142556011	C	0.2406
rs13136271	C	0.0723
rs10002310	T	-0.0468
rs56314964	C	-0.1538
rs1580397	A	-0.0337
rs138401876	A	0.0789
rs778959	A	0.0448
rs74320175	G	0.0513
rs10021224	A	0.0425
rs79294206	A	0.0468
rs56168679	G	0.0341

rs62302027	C	-0.0554
rs13101536	C	0.0678
rs79572918	C	-0.0676
rs78304486	A	0.1086
rs116433539	C	-0.1642
rs9991734	C	-0.0465
rs35695401	A	0.0988
rs115896737	A	-0.1385
rs981707	C	-0.0271
rs114573235	A	-0.0934
rs62297306	A	-0.0648
rs62272671	A	-0.1112
rs17609388	G	-0.0642
rs10027713	C	0.0426
rs6828374	A	0.0392
rs72699366	T	0.1491
rs75749513	T	-0.0918
rs114651112	A	-0.0935
rs7676808	A	-0.0353
rs10939019	A	-0.0388
rs17414502	G	0.0886
rs13139483	T	0.1503
rs114586006	G	0.0947
rs114893847	A	-0.1335
rs2309551	T	-0.0499
rs113386281	T	0.1131
rs78558879	G	0.2164
rs17238258	C	-0.0735
rs4362858	T	0.0306
rs11939384	T	-0.1192
rs142155220	A	0.0884
rs4863372	T	-0.0363
rs73170287	T	-0.0323
rs11728165	T	0.0641
rs6828436	C	0.027
rs74965117	A	0.2106
rs11731779	T	-0.139
rs6838099	T	-0.0358
rs75702808	C	-0.1094
rs140167976	G	0.0393
rs74882681	T	-0.1462
rs114887545	T	0.2258
rs72668897	A	-0.0861
rs4146951	A	0.1268
rs72636437	C	0.1502
rs2380962	G	0.0285
rs6447438	A	0.0311

rs17294646	T	0.0594
rs3733513	G	0.0267
rs6534603	T	0.0809
rs77884628	G	0.1532
rs141457331	A	0.0864
rs985955	G	0.0284
rs78173711	C	0.1358
rs1863320	G	0.1968
rs114017271	C	0.1582
rs6827328	C	0.0785
rs151185599	A	-0.056
rs2710550	C	-0.0619
rs11097961	A	0.0278
rs787370	G	0.0766
rs13130144	G	0.0285
rs11934112	T	-0.0271
rs1711386	C	-0.0294
rs116526639	T	0.1124
rs76429428	C	0.1652
rs114643994	C	-0.1169
rs7668879	T	-0.0801
rs13102975	C	0.0276
rs78688224	T	-0.0699
rs75350957	G	-0.0956
rs7356245	T	-0.1407
rs77342086	C	-0.0863
rs80147085	T	0.0974
rs143288105	A	0.1954
rs6837348	A	-0.0286
rs6446801	A	-0.0844
rs1920966	G	0.0369
rs75495461	C	-0.1721
rs10002644	G	-0.0392
rs6841800	C	0.0339
rs77528541	T	0.0542
rs2237015	T	-0.1269
rs116499607	C	0.178
rs12504885	A	-0.0524
rs77246319	C	0.0757
rs150530659	C	-0.216
rs77640252	A	0.1019
rs72638535	C	-0.1826
rs78339212	C	-0.0386
rs191795	A	0.0284
rs4540090	G	-0.1661
rs76107328	C	0.1362
rs77996123	A	-0.0942

rs13113474	G	0.0286
rs77626308	G	0.1308
rs6823540	T	0.0323
rs3860070	C	0.0569
rs1597471	G	-0.0797
rs313983	T	-0.0489
rs10027079	C	0.0306
rs6844585	T	-0.0363
rs36167152	A	-0.0409
rs111651776	C	-0.0938
rs115239043	T	0.1749
rs2171516	T	0.0522
rs79789270	G	0.0643
rs72682405	C	-0.067
rs10520304	T	0.0438
rs78848214	C	0.0693
rs57560615	G	0.1371
rs1425354	A	-0.112
rs515219	T	0.0398
rs1353310	G	-0.0278
rs4302525	T	0.04
rs2874977	G	-0.0306
rs763922	A	-0.0449
rs2868355	G	0.0262
rs7689997	T	-0.0624
rs138455423	A	-0.1475
rs11734105	G	-0.0279
rs112340277	C	0.1172
rs12502464	G	-0.0274
rs6857041	A	-0.0943
rs4549391	G	0.0337
rs6816705	G	-0.0267
rs61797824	A	-0.1168
rs62343123	T	-0.0346
rs1522206	A	0.0503
rs28525617	T	0.0562
rs77452890	A	0.0883
rs114048445	C	-0.1561
rs114432967	G	-0.0938
rs7687139	C	0.0297
rs145483892	A	0.1627
rs17007272	C	-0.1244
rs559767	G	0.0268
rs62327891	T	0.0366
rs116738606	C	0.1032
rs11944172	G	0.0811
rs11734412	T	-0.0298

rs72731595	A	-0.1578
rs619259	A	-0.0297
rs59596441	T	-0.0534
rs114927941	T	0.0767
rs1295449	C	-0.0377
rs11098878	A	-0.0508
rs79299538	A	-0.0459
rs4689357	A	0.0442
rs138579830	C	-0.0512
rs112692398	T	-0.1898
rs116044186	T	-0.119
rs61351267	A	-0.0464
rs112402181	C	-0.1567
rs115048659	T	-0.1994
rs74890840	T	0.0519
rs74408795	G	-0.0777
rs116382245	T	0.0695
rs72706190	C	0.1405
rs75965940	T	0.1875
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rs3775576	C	-0.046
rs73230928	G	-0.1271
rs12642097	A	-0.0442
rs113792372	T	-0.0564
rs73218390	C	0.1434
rs7657936	A	0.0359
rs55959947	C	0.0665
rs66580531	T	-0.0355
rs74444372	T	0.0758
rs77477491	T	0.0993
rs7689036	A	0.0268
rs1456863	G	-0.0475
rs77780334	G	0.1044
rs612428	T	0.0428
rs11934523	A	0.03
rs146999456	G	0.0529
rs6448607	C	-0.041
rs115393805	C	0.1099
rs13145229	C	0.1033
rs76436572	T	-0.1128
rs74690445	C	0.1945
rs77345082	G	0.0544
rs62321952	T	-0.0639
rs79981133	G	-0.1371
rs35992292	T	0.0336
rs77963311	C	0.0488
rs2699023	G	0.0531

rs78918240	C	-0.23
rs79861743	G	0.0514
rs6857538	A	0.0282
rs17804930	G	-0.033
rs114578432	G	-0.1601
rs144989385	C	0.1119
rs112726113	A	-0.18
rs11736034	G	0.0569
rs7686062	A	-0.1019
rs28544467	G	-0.0372
rs3796407	A	0.0302
rs2068783	A	-0.0293
rs112728585	C	0.2554
rs28496947	T	-0.0292
rs142949225	A	-0.1502
rs142935718	A	-0.1281
rs17476251	A	-0.1259
rs6833271	C	-0.0781
rs78289860	A	-0.1892
rs12639692	T	-0.0819
rs66977519	T	-0.034
rs67234558	G	-0.0659
rs36094464	T	0.0591
rs62327565	A	0.0849
rs72660311	T	0.1132
rs4286488	G	-0.0304
rs143043385	G	0.144
rs72715829	T	-0.0719
rs113563431	A	0.089
rs62335662	C	0.0579
rs139336960	T	-0.1504
rs150274678	A	0.131
rs2203396	T	-0.0267
rs66476814	G	-0.0281
rs113016299	G	0.0599
rs634599	G	0.0853
rs13434569	A	-0.0322
rs114043680	T	-0.0817
rs112408086	T	0.1853
rs11729882	C	0.0492
rs61792881	C	0.0678
rs7679746	G	0.0348
rs2875012	G	-0.036
rs1477603	C	0.0296
rs75841407	G	0.2562
rs6827993	C	-0.1721
rs112901146	C	0.1075

rs74639043	C	-0.0376
rs6832948	T	-0.0493
rs78718037	C	0.1465
rs6840983	A	-0.0588
rs3737495	A	-0.0505
rs73214046	T	0.1503
rs78287386	T	0.1319
rs116417249	C	0.0994
rs17541573	C	-0.0877
rs2874112	T	-0.0301
rs138055321	G	0.1414
rs2857969	A	-0.0266
rs139414652	T	0.0778
rs7697942	C	0.1373
rs78021843	T	0.151
rs62298521	A	-0.0977
rs2127571	A	0.0365
rs56165143	G	-0.1366
rs13132156	A	-0.0274
rs75931273	G	-0.1071
rs78982419	G	0.1047
rs6827479	T	-0.0816
rs1486774	T	0.0566
rs6826054	T	0.0291
rs141638975	C	-0.2216
rs4493584	T	0.0746
rs78782961	C	0.0839
rs2555627	G	-0.0342
rs9790405	C	0.0281
rs284788	C	-0.0483
rs34360731	C	0.029
rs10517829	T	0.0266
rs6814024	G	-0.0283
rs2673422	A	0.0291
rs6823864	G	0.1493
rs7662210	T	-0.1316
rs13143827	A	-0.1764
rs3890174	G	0.0589
rs2271338	A	-0.0317
rs35648466	C	-0.0684
rs62279105	T	-0.0614
rs13434734	C	-0.0446
rs4292288	C	-0.0295
rs61789446	T	-0.0788
rs149008728	G	0.1958
rs115744257	T	0.0936
rs143748564	A	-0.1247

rs4467576	C	-0.028
rs73198057	A	-0.0527
rs72719126	C	-0.1414
rs13136858	G	0.0542
rs9998561	G	-0.0549
rs1478235	T	0.0549
rs1993431	T	0.1615
rs73198062	G	-0.0459
rs140141076	T	0.1348
rs73106224	G	-0.0752
rs142844081	A	-0.0972
rs113521945	G	0.0535
rs62311163	T	0.1051
rs115919827	A	-0.0769
rs6817403	C	0.1073
rs17251102	G	-0.0261
rs17324961	G	0.0313
rs12639962	G	0.0468
rs145625743	A	0.1069
rs144072273	C	-0.1779
rs79429065	T	0.1231
rs73242545	T	0.1378
rs12711068	G	0.0292
rs80131790	T	0.0614
rs114777877	A	-0.0837
rs4263388	A	0.0285
rs79739161	G	0.0722
rs72720354	G	-0.0633
rs71610012	T	-0.1433
rs13131339	T	-0.1416
rs77111605	T	0.1226
rs76511478	G	0.0928
rs572260	A	-0.0332
rs7684087	C	-0.0601
rs4290922	T	0.0545
rs62310036	C	-0.087
rs62340733	G	0.0667
rs4235084	G	0.071
rs72714221	T	0.092
rs743682	A	-0.044
rs77436111	A	0.1466
rs17051051	G	-0.0328
rs28547010	T	-0.0284
rs74672078	C	-0.1613
rs116505731	A	0.1197
rs7683159	T	-0.0356
rs7674021	T	0.0869

rs144941129	T	0.1835
rs12501593	G	0.068
rs7681673	T	0.0317
rs6839304	G	-0.0282
rs73244708	T	0.2055
rs114757879	C	-0.1173
rs112427496	G	-0.2068
rs11940356	T	0.0762
rs76733331	C	-0.1547
rs73856798	C	0.0869
rs4131396	T	-0.0302
rs13144899	T	-0.0646
rs35535904	T	-0.0338
rs146354205	A	-0.0726
rs17067	G	-0.0533
rs13113250	G	-0.0852
rs113960247	A	0.1279
rs10866267	A	-0.0338
rs11098138	G	0.1058
rs111410331	C	0.0665
rs4234736	A	0.2183
rs17278834	G	0.0314
rs12648336	A	-0.037
rs72900885	T	0.0837
rs2391033	C	-0.029
rs75757244	T	-0.0782
rs78485379	A	0.1396
rs13108353	T	0.0269
rs13109282	A	0.0314
rs12499601	G	-0.0428
rs73240697	G	0.0292
rs2131463	A	-0.0274
rs115452512	C	0.142
rs73848981	C	0.0403
rs116482553	A	-0.1166
rs140112948	T	-0.1204
rs4859540	T	-0.0295
rs73105314	C	-0.0512
rs35122085	A	-0.0751
rs13114343	G	-0.0262
rs71607605	T	-0.1295
rs77508820	T	-0.0739
rs148456659	C	0.1195
rs10516635	A	0.0426
rs115740167	A	0.0708
rs17699715	C	-0.0973
rs6535885	G	0.0438

rs75870531	T	-0.1078
rs115707729	T	0.1996
rs147598607	G	-0.195
rs965938	A	0.0325
rs62308767	C	-0.0267
rs13147683	A	-0.0973
rs6449412	G	-0.03
rs34557252	C	-0.0704
rs6837786	G	-0.0319
rs36058944	C	-0.0483
rs147748783	T	-0.0459
rs7687530	A	-0.0702
rs72697060	C	-0.0366
rs11733578	T	-0.0976
rs116763111	C	0.1565
rs78356119	C	0.0683
rs9994493	G	0.0294
rs2390584	A	0.0263
rs6447195	T	-0.0386
rs16887512	T	0.0699
rs147492978	T	0.1959
rs75686472	T	0.0978
rs142333807	G	0.1407
rs10023237	C	0.0382
rs6840135	T	-0.0308
rs1589579	T	0.0316
rs13143702	C	-0.0282
rs116822304	A	0.1101
rs6856616	C	0.0537
rs148403034	A	0.0879
rs150125124	C	0.1754
rs2189165	G	-0.1071
rs73849303	A	-0.0463
rs17031708	C	0.0447
rs147768625	T	0.2079
rs74325803	G	0.0768
rs10517431	C	-0.034
rs115599565	A	0.1748
rs138401923	A	-0.1141
rs76365623	A	0.2211
rs77667160	T	0.1
rs13144944	A	-0.0282
rs115458536	G	-0.1324
rs116144895	T	-0.2092
rs76215072	G	0.0912
rs55774002	G	-0.0898
rs17521607	C	0.0638

rs2920212	A	-0.0343
rs41489646	G	0.0655
rs73198090	C	0.1283
rs12502613	A	0.1417
rs62318947	A	-0.0735
rs10011942	G	-0.0386
rs6824580	G	-0.0377
rs80290814	G	-0.0979
rs2003463	G	0.1614
rs2705994	C	0.0911
rs12639973	T	0.0383
rs116294735	A	0.1154
rs2613018	T	-0.0274
rs72709008	A	-0.0488
rs61747002	A	-0.1121
rs28493560	G	0.0354
rs34442834	G	0.129
rs17047495	T	0.0323
rs57168672	T	0.031
rs6554322	C	-0.0287
rs781570	A	-0.0505
rs72717750	G	-0.0915
rs143686469	T	0.1238
rs4690927	T	0.082
rs6833557	T	0.027
rs143099210	C	0.0978
rs10012345	T	-0.1871
rs115722425	C	-0.2357
rs35769558	T	0.095
rs10223021	C	0.0329
rs115627559	C	0.1867
rs17672637	A	-0.0986
rs13133104	A	-0.0491
rs78791726	G	-0.1838
rs75861987	T	0.0639
rs77224638	A	0.0446
rs28549178	A	0.0935
rs142374514	T	0.1493
rs76241216	T	0.0841
rs17631193	G	0.057
rs71638125	A	-0.0334
rs843569	T	0.0331
rs62331529	C	0.0444
rs77500691	G	-0.1552
rs116150042	C	0.106
rs6848315	A	-0.0259
rs138134962	T	-0.0683

rs1377066	T	-0.0316
rs79285251	A	-0.0305
rs77789529	G	0.1437
rs73793938	A	0.2146
rs7691901	G	-0.0351
rs11939479	A	-0.0354
rs2893041	T	-0.0925
rs4293747	T	0.0354
rs7675954	C	0.0271
rs79247450	T	0.0464
rs77580963	G	0.0824
rs56243504	C	0.1551
rs55884183	T	-0.0614
rs116769988	C	0.0945
rs79548669	A	0.1161
rs13131153	T	0.0416
rs34076515	C	-0.0282
rs113152354	T	-0.1362
rs115224232	G	0.1863
rs7676217	A	-0.0897
rs41286653	T	0.1267
rs143201452	T	-0.1213
rs28491471	T	-0.0403
rs150179047	A	0.2353
rs72907908	G	-0.1651
rs112927915	T	0.0671
rs72651362	T	-0.0896
rs62289470	G	0.0561
rs112439078	A	0.0824
rs2589843	C	-0.0293
rs147555092	A	0.0995
rs1466351	G	-0.0291
rs116687516	G	-0.1694
rs77830041	C	-0.132
rs9999119	T	0.0668
rs4362851	A	0.0744
rs9990991	T	0.0396
rs17064824	G	-0.0438
rs115243720	G	0.1085
rs12643625	G	0.0418
rs2955258	G	-0.062
rs116027564	T	0.1269
rs149594813	C	-0.1708
rs74789674	C	-0.0764
rs11935292	G	0.1192
rs144514018	C	0.1582
rs7655340	T	0.0831

rs74660489	A	0.0893
rs17073291	C	0.0277
rs137926545	G	0.0645
rs10008839	C	-0.0263
rs77881553	C	0.0373
rs1466475	G	0.0346
rs7654748	T	0.0432
rs56305437	A	-0.0328
rs10924	T	-0.0413
rs141977172	C	0.1578
rs6834483	C	0.0926
rs6531872	G	0.0372
rs147280206	A	0.1628
rs10023435	A	-0.037
rs80095830	T	-0.0382
rs145078033	A	-0.0792
rs116169375	A	-0.1748
rs11730521	C	0.1054
rs2587160	A	0.0517
rs115983354	A	0.1088
rs115782434	C	-0.1664
rs116407253	C	-0.1146
rs114003391	G	0.1364
rs75058616	A	-0.2089
rs115246206	A	0.0832
rs3935569	C	-0.0292
rs2909805	A	0.0597
rs10009492	C	0.0382
rs78803437	T	-0.1773
rs75325969	A	0.2598
rs74507030	A	0.1154
rs116338760	T	0.1765
rs113575403	A	-0.1977
rs114839377	A	-0.1719
rs76119417	C	0.1561
rs113158977	C	0.1385
rs116658801	A	-0.1277
rs28629400	A	-0.0762
rs231706	G	0.0739
rs28562306	C	-0.1027
rs111704153	T	0.1166
rs139474506	G	-0.1263
rs7673767	G	-0.0271
rs140317017	A	0.1681
rs113839682	G	-0.1309
rs113686978	T	-0.0767
rs55901432	G	0.0442

rs114093561	T	0.1905
rs754471	T	-0.0278
rs34992007	G	0.0394
rs17395755	G	0.0977
rs62345616	T	0.0735
rs62343693	C	-0.1023
rs13130915	T	-0.0287
rs143939374	C	0.0753
rs114962708	G	0.1369
rs114511071	C	0.1153
rs117177902	G	-0.2095
rs13111888	A	-0.0363
rs6830895	T	0.0264
rs6825727	G	0.0329
rs56124033	T	0.0916
rs73229786	T	-0.0317
rs77856789	C	-0.0559
rs1545681	T	-0.0282
rs79953743	T	0.0954
rs6833798	A	-0.0691
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rs62304390	A	-0.1684
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rs16876553	A	0.1105
rs13109414	T	-0.0446
rs77521819	G	0.0682
rs111773038	C	0.0607
rs80164141	A	-0.046
rs144000478	A	0.1756
rs116311821	A	0.071
rs80312225	A	0.1922
rs115271983	T	0.1963
rs13107201	C	-0.0284
rs76568960	A	-0.0791
rs7686009	A	-0.0274
rs7682566	T	0.0747
rs12502223	T	0.0344
rs17254933	A	0.096
rs113366811	G	-0.1728
rs4861918	A	-0.0291
rs9994588	C	-0.0521
rs17628227	C	-0.0441
rs6845935	C	0.0329
rs4289393	A	-0.0302
rs17615499	T	-0.0899
rs56205771	T	0.0369
rs1519312	G	-0.0258

rs7699669	A	-0.0287
rs79185684	C	0.1024
rs147817404	T	-0.0271
rs143028623	A	0.0971
rs6822371	A	0.0266
rs72722892	A	0.1305
rs76258280	T	-0.1399
rs74535773	T	0.1736
rs72692488	T	0.0717
rs112083795	C	0.0717
rs17578820	T	0.0472
rs35079346	A	-0.0494
rs1014262	C	-0.046
rs113426701	A	-0.1695
rs140135372	T	0.1292
rs145731140	A	-0.1461
rs140921951	T	-0.1937
rs6536915	C	-0.0292
rs10012431	T	-0.0509
rs2553380	T	0.0697
rs115623104	A	-0.118
rs28624853	G	0.1267
rs4295296	G	-0.0305
rs6844921	C	0.0528
rs115042267	A	-0.0348
rs6831430	G	0.0272
rs62334762	C	-0.0855
rs60600422	T	0.0428
rs55727341	C	0.0404
rs6833561	T	0.03
rs7663553	T	0.0255
rs13108434	T	-0.0272
rs2272743	T	0.0973
rs6842248	A	-0.0266
rs4916646	A	-0.0281
rs148071168	A	-0.1522
rs10049840	A	0.028
rs1433646	T	-0.0413
rs28867708	C	0.0587
rs79324875	C	0.112
rs10516652	T	0.0428
rs72663413	T	0.0563
rs115630106	C	0.1856
rs7671847	G	-0.0288
rs3860677	C	0.0319
rs73247119	T	-0.1173
rs61790879	G	0.0385

rs10018581	C	0.038
rs59831391	G	-0.0308
rs2390034	T	-0.0302
rs116142559	A	0.2039
rs76905564	G	-0.0844
rs1350594	A	-0.0283
rs231702	T	-0.0519
rs10019129	G	0.04
rs1073320	T	-0.0273
rs74318588	A	0.1581
rs10857007	T	0.0729
rs1350521	T	-0.0294
rs4696526	G	0.0371
rs1648403	C	-0.0252
rs114408428	T	-0.0685
rs143100743	G	0.1424
rs1979427	A	-0.0276
rs2707454	T	-0.0302
rs873931	C	0.0515
rs79083944	C	-0.1842
rs2221232	T	-0.0304
rs1447316	T	0.0571
rs4629469	G	-0.026
rs144080932	G	0.1548
rs35201853	A	0.061
rs17628268	C	0.049
rs1869947	G	0.0659
rs72697340	C	0.119
rs4861970	T	0.0278
rs3115398	T	-0.0316
rs79934775	G	0.1108
rs75001169	T	-0.0853
rs4292376	C	-0.0256
rs76121344	T	0.1696
rs2120834	G	-0.0458
rs150111099	T	0.1808
rs72700293	A	0.0686
rs7678786	T	-0.0278
rs116329020	T	-0.237
rs2579910	G	0.026
rs56826859	T	0.0999
rs115170884	T	0.1811
rs17630169	T	-0.0931
rs73211334	T	0.0869
rs6855677	G	-0.0274
rs76576472	G	0.1242
rs75575884	C	0.099

rs115581720	G	0.2359
rs76129449	A	0.1648
rs62295304	T	0.1554
rs2713956	A	-0.1086
rs7694300	G	0.1508
rs12642303	G	0.1143
rs1281114	T	-0.1902
rs56211462	A	-0.0371
rs75993384	C	0.1591
rs62336239	T	0.0477
rs2583177	A	-0.026
rs116001690	C	0.1451
rs6816857	G	-0.0564
rs114886116	A	-0.1014
rs117507779	C	-0.0573
rs7377975	A	-0.0457
rs78442683	A	-0.1331
rs12504124	A	-0.0772
rs10019790	T	0.0249
rs139885990	G	0.1296
rs116207554	T	0.1749
rs6815712	G	-0.0859
rs141175520	G	0.2102
rs113239498	C	-0.059
rs114214377	T	-0.1741
rs34553896	A	-0.1477
rs9307326	A	-0.0418
rs6822651	A	0.0315
rs34426408	A	-0.0294
rs17585823	A	-0.1271
rs11732927	T	-0.0405
rs2203860	G	0.0435
rs72634749	T	0.1157
rs76750048	G	-0.0531
rs7668053	T	-0.0709
rs4235009	G	-0.0633
rs115295184	A	-0.1179
rs10023164	C	-0.0254
rs7439493	A	-0.0254
rs56037640	G	-0.0317
rs1865181	C	-0.0318
rs2173550	G	-0.0565
rs6811007	A	0.0348
rs61200372	G	0.0849
rs114887409	G	-0.1571
rs4697205	C	-0.0259
rs997407	T	0.0333

rs10019243	A	-0.0265
rs1430360	C	0.0287
rs7679199	G	-0.0276
rs114605048	A	0.1964
rs11735609	A	-0.026
rs62334894	A	0.0755
rs61510564	T	0.0581
rs41434448	G	0.0399
rs76961561	G	-0.0423
rs7685902	G	-0.0602
rs75834546	C	0.0384
rs115011601	A	0.0805
rs35229343	G	0.0739
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rs2309560	T	-0.0824
rs17590064	A	0.1072
rs7670348	T	0.0369
rs116368651	A	0.0678
rs34106002	C	0.0334
rs1320070	G	0.0256
rs139818301	T	-0.1516
rs62313009	C	0.1016
rs6852154	G	-0.0591
rs7699349	T	0.0319
rs76919012	G	0.1653
rs11736959	C	-0.0255
rs17783479	C	0.0804
rs6822667	A	0.0414
rs1580550	T	0.1158
rs10003076	A	-0.0267
rs1533151	C	0.0427
rs76753816	C	-0.0582
rs113399470	C	0.1334
rs78076252	G	0.0583
rs747224	C	-0.0283
rs80199349	C	0.0841
rs13152003	A	-0.0405
rs1435788	G	0.027
rs4863994	T	0.1504
rs78852050	T	0.0751
rs115042663	C	-0.1544
rs12645435	G	-0.0826
rs62301404	G	0.0261
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rs41369548	T	0.0586
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rs1480276	T	-0.0371

rs116038771	A	0.1309
rs10938377	A	0.0268
rs2036940	G	0.0436
rs6855653	C	-0.1435
rs7664131	C	0.0402
rs73250952	T	0.0724
rs55787917	A	0.0713
rs13108099	C	-0.0256
rs143272282	G	-0.1107
rs115439199	C	-0.0551
rs139232574	A	-0.1611
rs146246694	T	0.1097
rs11723721	A	-0.0318
rs12508214	C	0.0316
rs9654104	T	0.0394
rs80069531	T	0.0991
rs6849557	T	0.153
rs12505900	T	-0.0654
rs10019908	C	-0.0271
rs326878	A	0.0344
rs34135934	A	0.0459
rs147498282	T	-0.1474
rs74398144	T	0.1453
rs78506972	C	-0.0783
rs74424601	T	0.0515
rs60376798	T	0.1487
rs11722418	C	0.0552
rs13124707	G	-0.0319
rs78057450	G	-0.1057
rs7659119	G	-0.0626
rs114713677	G	-0.0985
rs17064578	C	-0.068
rs74993165	T	-0.1277
rs13116652	G	0.0519
rs77595468	C	-0.2201
rs62303915	G	-0.0689
rs115440869	G	0.1343
rs11732860	T	0.0347
rs147502935	C	-0.1176
rs62301402	C	0.036
rs147681638	T	-0.0456
rs28519542	C	-0.2066
rs71609505	G	-0.1608
rs34296853	C	0.0288
rs10937651	A	0.0578
rs1800908	A	0.0945
rs115119228	T	-0.1373

rs73243322	A	0.0477
rs78036919	A	-0.0996
rs34265201	A	-0.0316
rs77753610	T	-0.0881
rs9996577	A	-0.0414
rs12649186	C	0.0509
rs13122075	A	-0.1098
rs3775363	T	-0.0471
rs78034795	T	0.0543
rs11099976	T	-0.027
rs1203860	T	-0.0305
rs111799153	T	-0.1378
rs114348738	A	0.0947
rs6847460	C	0.0253
rs12710996	T	-0.0481
rs6839704	T	-0.0302
rs4589976	A	-0.0328
rs17524987	C	-0.0732
rs2263115	C	-0.0379
rs79912910	C	-0.0423
rs1378965	G	-0.0263
rs7672786	C	-0.0319
rs4501161	A	-0.0931
rs2034966	T	-0.0583
rs62316113	T	-0.041
rs1550344	G	-0.0283
rs62335898	T	0.1791
rs12512696	G	0.0393
rs11731377	G	0.0469
rs145003598	A	0.1262
rs6834750	T	-0.0285
rs4459987	G	0.039
rs1479762	C	-0.036
rs10517185	A	0.0597
rs76454985	A	-0.0837
rs79812382	C	0.0577
rs72727915	G	0.1102
rs77761429	C	-0.1065
rs17059115	G	-0.1152
rs114882466	G	-0.0654
rs6844302	A	0.0277
rs2608837	G	-0.0256
rs4623038	G	0.0283
rs10029510	C	-0.0638
rs114146922	T	0.1017
rs72683963	T	0.2112
rs1500795	C	0.0398

rs112129556	T	0.0825
rs10519374	C	-0.0638
rs34084581	T	0.094
rs73218377	G	-0.0698
rs145694604	A	-0.066
rs80186340	G	0.0903
rs57631850	G	0.1256
rs2108939	A	0.0255
rs11097892	C	-0.0268
rs150483924	C	0.1481
rs150269495	T	0.217
rs116002746	T	-0.1568
rs9996905	G	0.0372
rs12508237	T	-0.028
rs62306194	T	-0.0806
rs12511439	A	-0.1471
rs6535384	A	0.0249
rs12509108	T	-0.0285
rs138211739	T	-0.1179
rs62330429	T	-0.1368
rs13107151	T	0.0454
rs115044918	A	-0.1301
rs11097840	C	-0.0372
rs116612085	A	0.1965
rs117698751	A	-0.1297
rs10033490	G	0.0517
rs62341129	C	0.0513
rs4270576	A	0.0546
rs13147094	A	0.0394
rs4863543	G	0.0329
rs74650251	C	-0.1035
rs77019974	A	0.1139
rs58615073	A	0.0344
rs10520401	T	0.0432
rs10001230	A	0.0318
rs9994244	C	-0.0258
rs72905186	G	0.031
rs79630021	A	0.0466
rs11944262	T	0.0266
rs6826155	A	0.0357
rs34453582	C	0.0365
rs4312828	A	0.0411
rs17862038	T	0.0726
rs75965692	G	-0.0896
rs17584238	C	-0.0612
rs111573841	G	0.1503
rs41268395	A	-0.0796

rs72642697	G	0.0878
rs76456533	G	-0.0909
rs116432256	C	-0.135
rs114122488	G	0.087
rs28868891	A	0.035
rs4331786	T	0.0266
rs74768455	G	0.0925
rs112438745	A	-0.1536
rs76717423	G	0.1615
rs138080691	T	0.0708
rs17089569	G	-0.0382
rs79333739	G	-0.1336
rs73221796	A	-0.0577
rs77830103	C	-0.1773
rs645193	T	0.0498
rs78063977	C	0.1234
rs139105296	G	-0.1775
rs116000177	T	0.1519
rs3860700	T	-0.0434
rs140088247	A	0.0981
rs17083324	A	0.1084
rs78281224	C	-0.12
rs28375794	C	0.1214
rs150517895	C	0.1174
rs11725957	A	0.0825
rs72633075	C	-0.0771
rs77281994	T	-0.2276
rs79544959	A	-0.0746
rs17288391	G	0.1255
rs2608821	T	0.0425
rs6449370	A	-0.0796
rs6817993	A	0.0296
rs78317477	A	0.0553
rs72668189	G	-0.0287
rs75263278	A	-0.0767
rs114401872	A	0.1096
rs112309814	G	0.094
rs73874606	C	0.0747
rs868256	G	0.0376
rs74715172	C	-0.0651
rs78472985	T	0.0682
rs61791021	A	0.1301
rs146500536	T	-0.1774
rs11132246	C	-0.0282
rs116740048	G	0.0527
rs12642159	A	-0.0543
rs13123379	A	-0.0295

rs6846641	C	-0.1662
rs144083490	C	-0.169
rs79736638	T	-0.0881
rs58700731	T	-0.0801
rs11723384	G	0.1174
rs116323891	A	0.118
rs72728681	T	-0.0276
rs4691748	A	0.0266
rs28427278	T	0.0981
rs2189162	G	0.0366
rs4833838	G	0.0679
rs4241855	A	0.0251
rs62303508	A	0.0371
rs4860080	C	0.1472
rs72734443	G	0.1085
rs113202780	G	0.0834
rs10026458	A	-0.0297
rs7682267	C	-0.0262
rs35810155	C	-0.0408
rs7674034	G	0.0275
rs147472551	T	-0.1258
rs12643534	T	-0.0252
rs73182759	G	0.0614
rs77128481	T	-0.09
rs74887225	A	-0.1728
rs113679968	A	0.0443
rs114449373	C	0.2104
rs142544663	T	0.1772
rs78336146	T	-0.0517
rs76920484	A	0.2019
rs6824106	G	0.0262
rs9999145	A	-0.0278
rs143650380	G	-0.1514
rs150287943	T	0.1969
rs12503481	C	0.025
rs11724582	G	0.0272
rs57320929	T	0.0997
rs10518640	T	-0.0559
rs11724549	G	-0.0419
rs75804203	G	-0.0822
rs604785	A	0.0246
rs16839196	C	0.0346
rs141387306	T	-0.2572
rs1713518	T	0.0361
rs72711041	A	-0.0652
rs16889979	G	0.1108
rs2168466	G	-0.0285

rs115191328	A	0.125
rs61510736	T	-0.0496
rs74508678	T	0.0468
rs61762932	T	0.0833
rs34956352	G	0.027
rs73840986	G	0.044
rs76266423	T	0.1176
rs57682390	A	-0.1782
rs145729367	C	0.1149
rs79655964	C	-0.045
rs143294332	T	0.0498
rs71608436	T	-0.0737
rs34427831	C	-0.0574
rs6852979	C	0.0263
rs1468250	T	0.0271
rs4555630	A	0.0483
rs78898331	C	-0.0452
rs6845251	T	0.0326
rs72667587	A	-0.1248
rs13139571	A	-0.0283
rs2581753	C	0.0548
rs145427773	C	0.1553
rs73105853	A	-0.0687
rs1982591	A	-0.0623
rs6840496	A	0.0339
rs115035056	A	0.1148
rs6818266	T	0.0971
rs79139000	A	0.04
rs73249443	C	-0.1804
rs72681619	G	0.0599
rs10011187	G	-0.0361
rs17620124	C	0.1383
rs4055777	C	0.0297
rs113506120	C	-0.0681
rs114059850	T	0.1671
rs4441740	C	0.0707
rs73011740	G	0.0506
rs111916484	A	-0.1056
rs55633136	A	-0.031
rs73250765	C	-0.0904
rs35100666	C	0.0599
rs114526977	A	0.1211
rs13148155	T	0.1259
rs113771572	T	0.0403
rs6446301	C	-0.0335
rs12640125	G	0.098
rs4696166	A	0.0247

rs149373955	G	0.1771
rs138932321	A	-0.1697
rs116110496	A	0.1553
rs148614408	A	-0.0532
rs77298415	A	-0.1458
rs16836654	A	-0.0335
rs17749484	A	0.0346
rs115755352	T	0.0564
rs12640505	G	0.0257
rs116766896	A	-0.12
rs77782255	G	0.1388
rs758946	C	0.0469
rs12499815	G	-0.0459
rs1874337	T	0.1078
rs115355840	G	-0.0551
rs4698371	T	-0.0362
rs3860616	T	-0.0386
rs34955446	C	0.0864
rs62311382	A	0.0305
rs6823688	G	-0.0256
rs55949737	T	0.052
rs2071415	G	0.0368
rs145456237	T	0.1043
rs11736558	A	-0.0359
rs11727613	T	0.0993
rs55974657	A	-0.0728
rs4234804	A	-0.0746
rs56012859	G	0.0328
rs79858500	T	0.0438
rs6831955	T	-0.0436
rs36012347	A	0.0525
rs10518533	T	-0.0271
rs12651152	G	-0.0255
rs78226098	C	-0.1015
rs76621735	G	0.0781
rs59295053	C	-0.1156
rs6852989	G	-0.0789
rs4692564	G	-0.0712
rs72698943	T	-0.1559
rs3934547	C	-0.0387
rs12511211	G	0.0262
rs72676905	G	-0.064
rs11943753	A	-0.054
rs72720389	A	-0.0796
rs12330937	G	-0.1547
rs74321467	A	0.0396
rs13131313	G	-0.0398

rs111227412	A	-0.1952
rs4364247	G	-0.0436
rs28377667	C	0.0514
rs6832951	G	0.0367
rs56205955	T	0.0656
rs78861855	G	-0.048
rs4306918	G	-0.0932
rs149948773	A	-0.2262
rs4835205	T	0.085
rs9291137	T	-0.0616
rs4696765	C	-0.0261
rs28405589	G	0.025
rs59601906	C	-0.0419
rs1565932	T	-0.0474
rs28392724	A	0.0509
rs28694130	A	-0.0481
rs76889429	A	-0.0655
rs4423896	C	-0.0256
rs114393635	C	-0.1951
rs1425979	T	0.0254
rs137944617	T	0.2
rs141070732	C	0.1392
rs150129355	C	0.1646
rs112314288	T	0.0643
rs16836215	G	0.0358
rs78687864	G	0.0462
rs139432545	G	-0.1392
rs13148726	C	-0.0365
rs112178936	G	-0.0697
rs2555639	C	0.0256
rs6531716	T	-0.029
rs144846508	A	0.1135
rs1508976	C	0.0258
rs6814961	G	0.0378
rs13148378	G	-0.0691
rs4253422	G	0.0308
rs66513147	G	-0.0536
rs80188542	G	-0.0616
rs111757556	T	-0.0568
rs79307229	A	0.1666
rs4235200	C	-0.0281
rs4590089	T	-0.0364
rs114015617	A	0.1745
rs114967750	A	0.1195
rs79948648	T	0.0421
rs148254499	G	0.083
rs2882660	T	0.0267

rs115135245	T	-0.0772
rs62410646	A	0.0662
rs55871235	G	-0.0718
rs148161341	A	-0.175
rs6531611	A	0.0336
rs4487368	C	0.0403
rs2352927	T	-0.0285
rs6837528	A	0.0296
rs114836738	T	-0.1909
rs74922649	C	0.1007
rs72695199	T	-0.0353
rs62340317	A	-0.0335
rs77755413	A	-0.0606
rs13106618	A	-0.04
rs17013502	T	0.0348
rs62299965	A	0.0678
rs79309998	A	0.0607
rs13137634	G	0.0418
rs12509791	G	0.1071
rs142508461	C	-0.0256
rs76657740	A	-0.0405
rs16850991	T	-0.0859
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rs79306815	T	0.0456
rs79424816	G	-0.0756
rs13127907	A	-0.0343
rs145670457	G	-0.0869
rs143424675	T	-0.1404
rs62306475	T	0.0302
rs62314476	T	-0.0316
rs13140735	C	-0.026
rs11733360	C	-0.0328
rs73223978	C	-0.107
rs72728588	G	-0.0794
rs56080549	G	-0.0478
rs13130258	C	0.0517
rs115109825	C	0.1182
rs115829977	T	0.1849
rs148755900	G	0.1288
rs72718919	T	0.0421
rs116484707	A	0.1391
rs9995250	T	-0.026
rs77199339	T	0.1276
rs4639046	C	0.0306
rs74830015	C	-0.1108
rs114165281	T	0.1767
rs2047359	C	-0.0268

rs11934833	G	0.0275
rs10516726	C	0.065
rs141521424	C	0.0796
rs79789081	C	0.0855
rs116695698	T	0.1034
rs11937696	C	-0.0324
rs68005815	C	-0.0514
rs140661832	T	-0.1656
rs10004626	C	-0.0321
rs12510416	C	0.0248
rs138714453	C	-0.1347
rs2130209	A	-0.1077
rs6826328	T	0.032
rs78737263	C	-0.0874
rs62321740	G	0.1055
rs9307870	G	0.048
rs11727688	C	-0.0339
rs12507593	C	0.0462
rs75946500	A	0.0274
rs114903467	A	0.1386
rs11935505	A	-0.0581
rs71643120	G	0.0841
rs72722187	C	-0.0888
rs150973222	G	0.1321
rs141625328	C	-0.1326
rs79627379	A	0.1629
rs114015678	G	-0.1349
rs7687106	G	0.0405
rs4260583	T	-0.0776
rs10516712	C	-0.0328
rs17402559	C	-0.0359
rs4406081	T	0.028
rs77793744	G	-0.1101
rs115570285	C	-0.0672
rs138437320	A	0.1146
rs11737127	C	0.0446
rs10004852	A	0.0334
rs439863	G	-0.0257
rs1846161	G	-0.0305
rs1401588	G	0.0736
rs17052672	T	0.1761
rs565824	G	-0.1037
rs11131973	T	-0.0255
rs10517862	A	-0.0458
rs146934494	A	-0.1202
rs13139935	A	0.0711
rs72711244	C	-0.1159

rs11131862	T	-0.0257
rs73234705	T	0.0715
rs113706736	T	-0.1735
rs9993840	A	0.0246
rs35919942	T	0.0555
rs17216887	G	-0.1293
rs142659084	C	-0.1098
rs2915268	C	0.0871
rs12643421	A	-0.046
rs78758201	T	0.138
rs76184330	A	0.0897
rs143583107	C	0.1032
rs139196377	G	-0.1466
rs57178718	A	0.0717
rs141034142	A	0.1618
rs149316491	A	-0.2664
rs58134223	T	-0.0333
rs4343713	A	0.044
rs7663336	G	0.0249
rs62284891	G	-0.0774
rs62312441	G	0.0495
rs143561588	G	0.1458
rs145653583	A	0.178
rs112798642	C	-0.1654
rs58781882	T	-0.0623
rs72708353	A	0.0516
rs12510054	G	-0.0509
rs2857961	A	0.0346
rs34699139	A	0.0287
rs75567319	A	0.0423
rs7670538	T	0.0514
rs74897415	A	-0.1124
rs4256226	A	-0.025
rs10013833	C	-0.0471
rs2178655	G	-0.1816
rs75020740	G	-0.1685
rs142971463	C	-0.0829
rs1960849	C	-0.0246
rs62331533	G	0.0693
rs1500801	A	-0.0327
rs28550490	C	0.0759
rs73246378	T	-0.138
rs1442694	G	0.1353
rs284793	A	0.0262
rs10011378	G	0.0303
rs12641658	C	-0.0244
rs36087017	C	0.038

rs13131765	A	-0.0253
rs35663654	T	0.0372
rs28432950	C	-0.0905
rs3775194	C	0.0275
rs17073432	A	-0.0736
rs145763229	T	-0.1288
rs34278822	A	-0.1054
rs76800037	T	0.0849
rs60384816	C	0.1158
rs17069081	A	0.0356
rs28490410	T	0.0243
rs62300911	T	0.1051
rs12640894	G	-0.036
rs144396153	T	0.1104
rs72679481	T	-0.2026
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rs10033119	G	-0.0805
rs17021151	C	0.1413
rs79980710	T	-0.1821
rs62325691	C	0.2165
rs66859544	A	-0.0267
rs116044365	G	-0.102
rs2537879	G	0.0379
rs11097469	A	-0.1362
rs56410818	C	0.1095
rs72725710	C	-0.0433
rs66533303	A	0.082
rs6813442	C	-0.162
rs115352612	T	0.126
rs11131661	T	-0.1095
rs62345666	C	0.0483
rs76273417	C	0.0718
rs10019567	C	0.0292
rs2615590	G	0.0364
rs13144148	C	0.0277
rs13152325	C	0.0567
rs115114534	A	0.0545
rs72712020	G	0.0864
rs61574382	A	0.1014
rs11940243	C	-0.0625
rs72644490	C	0.0489
rs115872867	A	-0.0943
rs2350039	T	0.0247
rs71604621	T	0.0529
rs2471342	T	-0.044
rs114090173	A	0.0869
rs59064182	A	0.0342

rs62320962	C	0.0294
rs138195426	A	0.1171
rs147567568	A	-0.2053
rs28373229	G	0.1281
rs422846	G	-0.0289
rs66484213	C	0.0518
rs72661497	T	-0.1113
rs1837644	G	-0.1537
rs114642262	T	-0.08
rs36086852	A	0.1063
rs73234139	T	-0.0866
rs55843822	T	0.0318
rs4691477	G	-0.0299
rs6846245	C	0.0327
rs2875040	T	-0.0274
rs4397031	G	0.0369
rs1506365	A	-0.0266
rs882004	A	0.0247
rs6552971	G	0.0244
rs10488830	G	-0.0441
rs1396531	C	-0.0466
rs4241744	G	-0.0559
rs10517371	C	0.0725
rs144835819	A	-0.0853
rs4283687	G	-0.0261
rs7663660	G	-0.0246
rs61793418	G	0.0407
rs4276254	A	0.0687
rs57016000	T	-0.0543
rs13115242	T	-0.0239
rs6849956	A	0.0353
rs78675529	T	-0.038
rs2611209	T	-0.0249
rs76707556	C	-0.0834
rs13144109	T	-0.1256
rs62304075	T	-0.1308
rs6823794	T	0.0583
rs75680645	C	0.0571
rs13122401	T	0.0297
rs34363716	G	-0.0475
rs116105292	C	0.2369
rs13136841	A	0.0263
rs73222920	G	0.0536
rs140817363	A	0.1169
rs6816775	G	-0.059
rs114313359	T	0.1613
rs28565500	C	0.0739

rs13132807	A	0.0307
rs17613956	T	-0.0434
rs12511879	C	0.025
rs10019768	C	0.0265
rs35584776	C	0.0851
rs116192688	C	0.1087
rs146482218	A	0.1552
rs62290598	T	0.0481
rs13102241	A	-0.0652
rs114528805	G	0.1196
rs143663668	C	0.1513
rs61792035	A	-0.1269
rs34405197	G	-0.1709
rs56232603	T	0.0608
rs116654708	A	0.0701
rs147855306	G	-0.1688
rs13130758	C	0.0783
rs6849439	G	0.0375
rs28479766	A	0.026
rs647640	A	-0.0264
rs11943911	A	-0.081
rs72684443	A	-0.1086
rs11940709	A	0.035
rs114369038	A	0.0592
rs7700147	C	0.0302
rs62409683	G	-0.0594
rs1848116	G	0.0314
rs11939380	T	-0.0255
rs13119273	T	-0.1721
rs71606705	T	-0.1245
rs6840086	T	0.0349
rs11934011	A	0.0491
rs75198084	C	-0.1758
rs74541752	G	-0.1157
rs12643171	A	-0.0949
rs79763915	G	-0.0505
rs73793560	T	-0.0893
rs6537339	T	0.0256
rs76571763	A	-0.1168
rs9997142	T	0.0273
rs6823177	G	-0.035
rs11573795	T	-0.2133
rs75506791	T	0.0567
rs4861707	G	-0.026
rs7699968	G	-0.0434
rs59351057	G	0.0391
rs146328031	A	0.1907

rs2052347	A	-0.0443
rs6832485	A	-0.0511
rs75881086	T	0.176
rs78037998	A	0.0629
rs572770	G	-0.0329
rs79406814	A	0.0557
rs2851011	T	0.03
rs4260493	C	0.1371
rs79922417	A	0.0858
rs72665870	G	0.0879
rs17431105	T	0.1642
rs116368825	G	-0.1082
rs112280508	A	-0.0613
rs78968521	G	0.0774
rs6843930	G	0.0356
rs77275467	T	0.1198
rs115421436	C	-0.0963
rs80173428	A	0.1365
rs78916220	C	-0.0462
rs73242640	A	-0.0927
rs112873639	T	-0.065
rs1910874	C	-0.0556
rs10011412	G	-0.0524
rs1708772	G	0.0315
rs79509022	A	0.2175
rs147217826	A	0.1638
rs57030948	C	0.1044
rs73132722	C	-0.0317
rs2067626	A	0.085
rs2342455	C	0.0242
rs10013884	G	-0.0276
rs113090697	G	-0.0421
rs13122895	T	0.0448
rs3811804	A	-0.062
rs55743418	G	0.071
rs78828420	T	0.0674
rs4698376	C	0.0453
rs4861269	C	-0.0442
rs10005352	G	-0.0265
rs11737687	A	-0.0417
rs62333197	C	-0.0823
rs116620800	T	0.165
rs142989750	G	0.1371
rs147635922	A	0.087
rs116298640	T	-0.1454
rs4607268	A	0.0318
rs139265620	G	0.1611

rs115157994	G	0.1026
rs116263133	C	0.0607
rs114132895	C	0.1318
rs113054722	T	0.1268
rs80169926	A	0.1506
rs2404651	T	0.027
rs74724656	T	0.0968
rs79006309	A	0.0763
rs115517170	T	0.1924
rs114875438	A	0.2102
rs56689030	A	-0.0488
rs74628535	A	-0.1224
rs62326809	T	0.0849
rs114649879	A	0.1548
rs2285785	G	-0.0256
rs2531147	A	0.0485
rs10939689	T	0.1153
rs74466801	T	-0.076
rs114244865	T	-0.0889
rs62330416	T	-0.0866
rs79171002	C	-0.0717
rs360109	A	0.1058
rs62312966	A	0.1087
rs148834674	A	0.1337
rs150062168	T	-0.0983
rs10020924	T	-0.1194
rs4696667	G	0.1474
rs116534051	A	-0.1382
rs111263975	T	0.0945
rs76373323	T	0.0547
rs144236308	C	-0.0902
rs72701219	C	-0.1022
rs73229764	G	0.0313
rs79339154	A	0.1057
rs6856600	C	0.059
rs72703911	T	0.1182
rs17717410	G	0.0553
rs236748	T	-0.0277
rs79327368	G	0.0841
rs13115307	A	0.0296
rs79074180	G	0.0578
rs10857185	G	-0.0674
rs114006065	G	0.1324
rs1246927	C	-0.0339
rs1455660	G	0.0305
rs78062665	A	0.1421
rs144479148	T	0.073

rs7655209	A	-0.0311
rs17074066	T	-0.048
rs114335457	C	0.1407
rs115843001	T	0.1432
rs76405115	C	-0.0858
rs6846199	G	-0.0362
rs112964230	A	0.1574
rs73234782	G	-0.0998
rs78538637	A	0.0857
rs55644236	A	-0.0282
rs17623554	A	0.0452
rs17253722	A	-0.0245
rs11735191	A	-0.0839
rs149366366	G	0.0795
rs1479760	A	0.0254
rs12511756	G	0.0262
rs1063143	G	0.0353
rs12647179	G	0.0265
rs79057574	T	-0.1509
rs78363976	G	0.1287
rs9997520	G	-0.0582
rs78851528	G	-0.1021
rs72702892	T	0.069
rs10520287	A	0.0254
rs79235481	A	-0.1886
rs113563399	C	-0.1485
rs16893800	T	-0.071
rs112669229	A	-0.1489
rs79159041	G	-0.184
rs71602022	T	-0.166
rs67254207	A	0.0354
rs113036911	C	-0.0722
rs62328696	T	-0.1125
rs4481204	C	0.025
rs13108227	G	-0.028
rs2716006	C	0.0967
rs13138979	T	-0.0447
rs12510573	T	0.0424
rs35537262	A	-0.1336
rs62300810	A	0.1247
rs72638316	A	-0.0877
rs147288553	A	-0.1699
rs4241943	A	0.1117
rs12502610	T	-0.0877
rs144213982	A	0.1621
rs6814920	A	-0.0276
rs150113594	T	0.0863

rs35687075	C	0.0421
rs151298649	C	-0.0927
rs7375766	A	0.0294
rs62315973	G	0.0479
rs13123916	A	0.0287
rs72674365	A	-0.0729
rs74360804	A	-0.0867
rs265040	C	0.0395
rs11723765	T	-0.0273
rs12647728	A	-0.1181
rs2624881	C	0.0419
rs36193772	A	-0.0257
rs115697119	A	-0.2013
rs2174245	G	0.028
rs6825948	T	-0.0253
rs9998637	G	-0.0803
rs6829107	A	-0.135
rs72710015	C	0.0446
rs73235357	T	0.0652
rs55723863	T	-0.074
rs73244705	A	-0.128
rs141895108	A	-0.1952
rs73825110	A	0.1817
rs80244121	T	-0.1224
rs62289816	G	0.098
rs6815361	T	-0.0551
rs147197429	T	-0.1159
rs7686404	C	0.0363
rs113923073	C	0.0672
rs76896679	T	-0.0844
rs78310264	A	-0.066
rs4569704	T	-0.0266
rs79180043	A	0.068
rs62298342	A	0.1808
rs115020522	T	0.0926
rs79443490	T	-0.0655
rs56239136	C	-0.0278
rs76359106	G	-0.056
rs71614623	C	-0.0484
rs142891828	A	-0.0845
rs6827667	A	-0.0587
rs2071674	T	-0.064
rs138286495	T	0.1658
rs113020953	G	-0.1261
rs75577425	A	0.1137
rs56145446	T	0.1468
rs11726343	G	0.0267

rs4583752	G	-0.0252
rs4235427	T	0.0247
rs145257552	T	-0.2063
rs148868997	A	0.1396
rs73229439	C	0.0848
rs4412019	C	-0.0406
rs429453	A	0.04
rs148315211	T	-0.1446
rs2369285	T	0.0264
rs73239689	G	-0.1389
rs36148609	C	-0.076
rs2575551	T	0.0249
rs116097238	G	-0.0716
rs149365049	A	-0.0947
rs72996629	A	0.071
rs55782166	G	-0.0467
rs76288546	G	0.0643
rs62337621	A	0.0823
rs3775146	C	0.0278
rs114316083	C	-0.1224
rs74375227	T	0.0893
rs112392298	T	0.0372
rs150383126	A	0.2029
rs1382989	C	0.0346
rs114306027	A	0.1651
rs112994267	A	0.086
rs145017770	A	-0.1675
rs9685956	C	0.0252
rs138047105	A	0.1577
rs35964387	G	-0.1844
rs116560018	C	-0.1148
rs6810814	G	0.0308
rs2604554	A	-0.0239
rs141142097	G	0.1546
rs112860604	T	0.0381
rs10518385	T	-0.0283
rs76444875	T	0.0768
rs72712823	A	-0.1555
rs73261719	T	-0.1794
rs13115113	A	-0.0658
rs13116667	A	0.0473
rs28826134	C	0.0578
rs3103200	C	0.0329
rs28557027	T	-0.1044
rs73007554	A	0.1087
rs10866288	T	-0.036
rs113766716	C	-0.0341

rs67407638	T	-0.0642
rs7663683	A	0.0239
rs10005159	C	-0.0446
rs13104353	C	-0.0254
rs353150	T	-0.0394
rs72659707	A	0.0612
rs6840169	G	-0.0354
rs77070750	C	-0.0824
rs72704149	G	0.0371
rs3821923	A	0.0423
rs62317178	T	0.0816
rs77698409	C	0.0462
rs4859332	G	0.0247
rs4862082	C	-0.0253
rs114562869	G	0.077
rs146839304	T	0.0824
rs4234829	C	0.0472
rs114232396	C	0.1116
rs7697966	G	0.027
rs75000105	C	-0.0693
rs17085840	G	-0.1099
rs150241543	A	0.1549
rs10470896	C	-0.0764
rs12498159	T	-0.0357
rs115836379	C	0.0864
rs80101391	T	-0.1813
rs59336384	T	0.1225
rs13147776	G	0.0542
rs2136809	G	0.1006
rs28633100	A	-0.2541
rs114157131	T	-0.1425
rs78153814	T	0.0671
rs6854430	T	-0.0578
rs12639963	T	-0.1063
rs6825440	A	0.0287
rs2381494	T	-0.0609
rs73138583	A	0.0401
rs77194242	T	0.0354
rs139979022	A	0.1354
rs4429770	A	-0.0241
rs76702503	G	-0.1406
rs115490812	C	0.1657
rs78364465	A	-0.0648
rs80256172	G	0.1189
rs79565887	G	-0.121
rs145223683	T	-0.128
rs114457031	C	0.186

rs142590173	G	0.059
rs2301795	G	0.0238
rs62302868	A	-0.0678
rs10023408	A	0.0602
rs4694149	C	0.0357
rs6849931	C	0.0523
rs74322059	A	-0.0545
rs114676921	C	0.2237
rs3109799	A	-0.0354
rs74522810	T	-0.0324
rs12512109	C	-0.024
rs77082869	A	0.0777
rs77402488	A	0.0986
rs113207137	T	0.1151
rs17368333	G	0.031
rs62295406	C	-0.0389
rs73236133	G	0.0704
rs58015788	A	0.0327
rs61203029	A	0.0361
rs146542634	G	-0.2229
rs11932347	A	0.0308
rs2603732	C	-0.031
rs1530297	A	0.0234
rs2949631	G	-0.0237
rs73843739	A	-0.0512
rs13102642	G	-0.0894
rs1105059	C	-0.0283
rs4862424	T	0.0511
rs4574484	C	0.0305
rs16991470	C	0.1143
rs6535447	C	-0.0425
rs72730358	C	0.0417
rs11133338	C	0.0276
rs6532562	G	0.0383
rs115172153	A	-0.1483
rs17005223	A	-0.0262
rs6858268	T	-0.0252
rs114494162	A	0.0898
rs62305809	A	0.073
rs2310000	T	0.0313
rs76546029	G	0.0248
rs75060237	T	-0.0831
rs72721333	T	0.0897
rs148742938	A	-0.2192
rs78975978	A	-0.0965
rs62336658	A	0.0825
rs10031070	G	-0.0241

rs1485604	G	-0.0242
rs17208561	C	0.1244
rs11937241	A	0.0916
rs78071834	C	0.049
rs73238577	C	0.0547
rs231250	G	-0.0245
rs79438295	T	-0.0594
rs62336880	A	-0.043
rs11736563	C	0.0293
rs151240950	G	0.1544
rs34265043	T	0.063
rs28544471	G	-0.0638
rs114916776	A	0.2077
rs115129802	G	-0.1507
rs985770	C	-0.034
rs140612949	T	-0.1212
rs75772677	A	0.188
rs17369876	T	0.1523
rs4696608	A	-0.0338
rs28601269	A	-0.093
rs143142559	G	-0.1187
rs6850501	G	-0.0261
rs6851077	C	0.0923
rs60658782	T	-0.0339
rs115630401	C	-0.1062
rs2570070	G	-0.0257
rs71610205	A	-0.0535
rs1851480	C	-0.035
rs144335984	T	-0.0954
rs144883505	A	0.1301
rs10519522	T	0.0966
rs11736872	A	0.0256
rs59357667	G	-0.0339
rs2389954	C	-0.0253
rs7682426	C	0.0283
rs7665593	T	-0.0394
rs7695170	G	-0.0249
rs11097396	G	0.0401
rs12649083	C	-0.0328
rs1505474	G	0.0257
rs113424120	T	0.0817
rs10937680	T	0.0464
rs6814050	A	0.0329
rs3849022	A	0.1477
rs62303704	T	0.0961
rs6811286	A	-0.0255
rs6554338	G	0.0891

rs12645925	C	0.072
rs142938987	C	-0.1294
rs75377707	C	0.0511
rs62295332	C	-0.0247
rs141617349	T	-0.1884
rs72677060	T	-0.0866
rs115455721	A	-0.0937
rs12500633	C	-0.0382
rs11731936	G	-0.0313
rs436935	T	0.0338
rs9994685	G	-0.0691
rs4689300	G	0.0286
rs6838183	G	-0.0313
rs147642072	C	-0.1464
rs116027423	G	0.1545
rs17543916	T	0.0563
rs7687239	A	0.0349
rs35101164	T	-0.025
rs13138213	G	0.0272
rs113240716	G	0.0771
rs1455223	C	-0.0322
rs72689038	C	0.1091
rs77751927	T	-0.0832
rs1229981	A	0.0743
rs6837589	T	-0.0322
rs62293647	A	0.0969
rs4359974	A	0.0241
rs114091891	C	0.1725
rs1378547	C	0.0923
rs116837982	T	0.0552
rs72619124	A	0.0561
rs9761925	T	-0.0754
rs72674621	A	0.0444
rs10031399	T	0.0544
rs145441645	A	0.1408
rs73145090	A	0.0354
rs60912832	A	0.0749
rs9994438	C	0.0382
rs78499724	G	0.1303
rs115020311	G	0.0709
rs141241576	C	-0.1624
rs76926228	C	0.1056
rs149035545	T	0.1754
rs7670452	C	0.0332
rs12647263	T	-0.0861
rs140774565	G	0.1388
rs150200322	G	0.1472

rs76206226	T	0.1356
rs6534883	C	-0.025
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rs35462523	G	0.0456
rs79413714	T	-0.1707
rs73137021	T	0.0466
rs72669101	T	0.0542
rs62355813	C	-0.0292
rs74749763	A	-0.0572
rs72712062	A	0.0646
rs6600766	A	-0.0256
rs113061712	G	-0.1046
rs74822363	G	0.1073
rs11729485	C	-0.0367
rs62329301	T	0.0299
rs7684549	G	-0.0312
rs7663580	T	0.0247
rs116155783	C	0.1302
rs2657799	T	0.0299
rs73142478	G	0.0499
rs2126854	T	-0.0283
rs13109579	G	0.0826
rs12512717	G	-0.04
rs11727130	G	0.0321
rs35527510	C	0.0278
rs115006769	A	0.1513
rs55905800	G	-0.1236
rs73801400	T	0.1031
rs147330975	T	0.1169
rs80058550	C	-0.1661
rs114016886	A	-0.048
rs56218993	G	0.0468
rs72641745	C	0.0587
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rs72732472	A	-0.1199
rs7439067	A	-0.0291
rs61798581	C	-0.172
rs6851986	G	-0.0853
rs1159022	G	-0.0243
rs72675809	A	-0.069
rs62320269	C	-0.1177
rs6833783	C	0.0246
rs115251654	A	-0.0526
rs34611197	A	0.1367
rs12642172	A	-0.0279
rs115256020	C	0.1216
rs4692875	A	0.0383

rs112834483	A	-0.0727
rs10019172	G	0.0327
rs150937943	C	0.0918
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rs79626900	T	-0.0737
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rs66668845	T	0.0632
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rs4691994	A	0.0562
rs11726943	G	0.0273
rs145822055	A	0.1548
rs16890755	G	-0.05
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rs151000509	T	0.0322
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rs77869248	A	0.0356
rs34970125	T	-0.1149
rs4274861	G	0.0508
rs147940249	A	0.1023
rs3775902	C	0.0873
rs6829390	A	-0.0437
rs6846335	T	0.1765
rs17679777	C	-0.0278
rs35983057	G	0.0436
rs79916448	C	-0.1334
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rs144132138	A	0.1953
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rs12502096	A	0.0262
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rs74655765	C	0.1663
rs4388031	C	0.0888
rs78953254	C	0.1465
rs57762516	G	0.0975
rs10005545	T	0.0239
rs13124167	C	-0.0392
rs79725422	C	-0.1466
rs72616169	T	0.1172
rs1811810	A	-0.0307
rs6854397	A	-0.0289
rs6815104	A	0.0336
rs80117745	A	0.102
rs2085103	G	0.0663
rs4697282	T	-0.0246

rs4860463	A	-0.0475
rs78710178	A	-0.1007
rs74432445	A	-0.0997
rs6815168	C	-0.0443
rs145867884	A	0.1552
rs56103227	G	-0.0261
rs6842156	G	0.0773
rs72701715	T	0.0759
rs113908270	C	0.0916
rs115123477	A	-0.1436
rs112018598	T	0.1132
rs1277294	C	-0.0555
rs13107100	G	-0.0274
rs79180556	C	0.0619
rs73240356	C	0.0273
rs71603021	T	0.1423
rs36227916	A	-0.1364
rs55722066	A	-0.0349
rs17025247	T	0.1317
rs114569767	A	0.1301
rs7681499	T	-0.0378
rs9790437	A	-0.0275
rs62315071	G	0.0421
rs11936429	T	-0.0699
rs60675726	C	0.068
rs78571983	G	0.1003
rs6818138	A	0.0686
rs7681369	G	0.0311
rs12642476	T	0.0276
rs2589511	A	0.0245
rs10010623	A	0.0238
rs1948054	C	-0.0232
rs114123242	G	0.1031
rs10003004	T	0.0907
rs60492907	C	0.0899
rs4425430	G	-0.0353
rs35258629	T	0.0442
rs35401612	A	-0.0279
rs2667403	A	-0.231
rs940576	C	-0.0282
rs28576398	A	-0.0423
rs79463031	A	-0.0813
rs28437437	G	-0.0366
rs2011687	A	-0.0267
rs115593069	T	-0.0993
rs4235307	G	0.1146
rs115449198	T	0.117

rs76470327	T	-0.1231
rs78701012	A	-0.0444
rs4834275	C	0.0429
rs1510683	T	0.0255
rs10030922	C	0.0261
rs11937314	T	-0.0266
rs12647208	T	0.1415
rs112038313	G	-0.0836
rs72673962	T	0.132
rs701779	G	-0.0329
rs148145242	A	-0.1484
rs116188877	T	-0.0728
rs73240539	T	-0.0755
rs74880236	A	-0.1069
rs138793666	G	-0.1014
rs13124946	T	-0.0725
rs13146055	T	-0.0393
rs116516720	T	-0.0754
rs115458629	T	0.0942
rs115881918	T	0.0831
rs6844871	C	0.0229
rs11730989	G	-0.1957
rs2518641	C	0.0293
rs140649451	T	0.1199
rs2276911	T	-0.0408
rs1112139	A	-0.0433
rs76647387	A	0.0734
rs147819885	A	-0.0979
rs17433092	T	-0.0384
rs147985280	T	-0.1418
rs11934265	A	-0.0384
rs1993616	A	-0.0303
rs7660990	T	0.0261
rs12510760	T	-0.0929
rs11735976	C	0.0275
rs1622680	C	-0.0246
rs76818510	A	0.0342
rs77441059	T	0.0853
rs62323095	C	-0.0274
rs111481989	C	0.1062
rs7669089	C	0.0323
rs6820443	G	0.0258
rs75831158	A	-0.043
rs4863606	T	0.0345
rs59370290	T	0.0541
rs73240597	G	-0.0642
rs13138258	A	-0.056

rs146386212	C	-0.1034
rs72622769	C	0.0588
rs7670511	A	0.2086
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rs4314297	G	-0.0827
rs35764021	T	-0.0901
rs9328765	G	0.0729
rs147516468	T	0.1314
rs61793450	T	0.0972
rs79179219	A	-0.0849
rs114956680	C	-0.1271
rs73020782	T	-0.0408
rs114469538	G	-0.0879
rs62345033	G	0.0694
rs7437393	T	0.0524
rs141451794	A	0.1329
rs140317665	G	0.1775
rs78480135	T	0.0651
rs73234790	G	-0.1524
rs312368	A	0.0232
rs6851778	G	-0.1338
rs77566893	A	0.0931
rs79244643	T	-0.0769
rs17387271	T	-0.0327
rs116831324	C	-0.1109
rs114397078	C	-0.1566
rs3468	A	-0.0236
rs10517052	T	0.0238
rs75029292	A	0.1714
rs1470696	T	-0.0251
rs12501414	C	-0.0751
rs9291090	C	0.0682
rs2973306	A	-0.0284
rs75107971	A	-0.1497
rs17050863	G	0.1104
rs72725976	T	0.1076
rs72955106	T	0.0789
rs78478611	T	-0.1566
rs11132418	C	0.055
rs10011142	T	-0.0346
rs4385148	C	0.0685
rs16876637	G	0.0389
rs7668303	G	0.0312
rs76978235	T	-0.05
rs71612784	T	0.1214
rs28813095	T	-0.0285
rs71614509	A	0.1339

rs72693205	C	0.112
rs76204410	T	-0.146
rs62304003	T	-0.0555
rs2061223	A	-0.0304
rs871384	T	-0.0231
rs1823537	C	-0.0271
rs79925658	G	-0.1757
rs1585537	T	-0.0249
rs35791045	G	-0.0363
rs28611319	C	0.0348
rs1919222	T	-0.0382
rs115932793	T	-0.0741
rs79163533	G	-0.0546
rs73226810	A	-0.0306
rs75375798	T	-0.0849
rs4692810	C	0.031
rs12639826	G	0.0338
rs115130241	T	-0.1296
rs114906338	A	0.0772
rs13143468	T	0.0458
rs10745246	C	0.0249
rs144979441	T	-0.1622
rs77715613	A	0.1246
rs115899592	T	0.0829
rs10005933	C	0.0286
rs62352866	A	0.0277
rs17382358	A	-0.0237
rs34414295	A	-0.1977
rs35760852	C	-0.1794
rs10516869	A	-0.0606
rs17028153	A	-0.0884
rs115509410	A	-0.1218
rs75319281	A	-0.1285
rs7698649	T	-0.0418
rs13130561	G	-0.0232
rs72650477	T	-0.1029
rs114104850	A	-0.0627
rs10007196	T	-0.0415
rs72691827	C	-0.0892
rs16994179	G	0.0973
rs28462029	T	-0.1106
rs11133012	A	0.0227
rs62310124	A	-0.1157
rs59471514	G	0.0441
rs6842962	G	0.0254
rs17477246	C	-0.0881
rs13104748	A	0.0462

rs74488642	A	-0.0784
rs78541353	C	-0.099
rs17861926	T	-0.031
rs4441716	G	0.0403
rs2570727	C	0.0342
rs75725360	C	0.07
rs77363910	C	0.0673
rs62297507	C	0.0442
rs6837978	T	-0.1207
rs77476952	G	0.121
rs34916197	C	0.1103
rs116060894	C	-0.0962
rs114941723	G	0.1224
rs6816973	C	0.027
rs77176409	A	-0.0865
rs4333235	A	-0.0682
rs116644885	T	-0.0862
rs142502295	C	0.1562
rs62329624	C	0.0402
rs4076749	T	0.0488
rs1513562	C	-0.0516
rs11133424	C	0.0382
rs56351826	T	-0.0804
rs233989	T	0.0246
rs76795791	C	0.0648
rs77193150	C	-0.135
rs9985782	A	-0.0372
rs80041328	A	0.053
rs143969579	A	-0.1016
rs11934067	A	0.1134
rs115853108	C	0.1134
rs139555340	A	0.0988
rs716399	G	0.0333
rs116720878	A	0.0884
rs1526691	C	0.0346
rs6830263	A	0.0234
rs1518005	C	0.0265
rs34813139	A	0.1664
rs112983872	G	0.1203
rs80049982	A	0.0599
rs1005656	A	-0.0289
rs116658415	G	0.1459
rs113532468	A	-0.0633
rs6448616	A	0.1006
rs2911926	T	0.1427
rs76754439	G	0.0742
rs74372725	G	-0.1507

rs111331920	C	-0.0762
rs34186864	A	0.0671
rs115974442	A	-0.0769
rs4832752	A	-0.0243
rs79577060	C	-0.0762
rs115298790	A	0.0945
rs12054490	G	0.0246
rs146460810	C	-0.1178
rs10029919	T	0.0661
rs956998	G	-0.0437
rs150059988	A	-0.1655
rs114145925	T	-0.0987
rs79738680	A	0.0856
rs138450563	A	0.068
rs75772141	C	0.0921
rs115154512	C	0.1155
rs75606542	C	-0.1067
rs60132386	A	-0.0277
rs146604442	A	0.1356
rs116008692	A	0.0679
rs141926629	A	0.06
rs75391803	C	0.147
rs10857425	A	0.0269
rs2063060	C	0.0343
rs138249008	A	-0.0972
rs4974665	A	-0.0236
rs28861725	G	0.0315
rs115995047	T	0.0752
rs35951376	T	0.1193
rs76165306	T	0.0925
rs2130909	A	0.0303
rs10003973	T	0.0262
rs115342389	C	-0.1942
rs2798221	T	0.0237
rs1996175	G	-0.0242
rs137876187	T	0.1254
rs79478591	A	0.0808
rs11100365	A	-0.0247
rs28564799	T	-0.0576
rs1501140	A	-0.0245
rs77559517	A	0.0573
rs143715705	G	-0.1219
rs17492813	T	-0.0355
rs499905	T	-0.1014
rs78776824	T	0.1718
rs148656324	A	-0.1045
rs62299301	C	0.1316

rs1297942	T	0.0322
rs116429401	G	-0.0821
rs9307898	G	-0.034
rs80082768	C	0.0721
rs148888977	C	-0.1624
rs78040705	A	0.1088
rs114835340	T	0.0607
rs56343583	A	-0.093
rs392075	A	0.0272
rs72680118	C	-0.0784
rs35850287	C	0.0225
rs60692355	A	-0.0406
rs73208603	C	-0.0454
rs6813176	G	-0.0281
rs76656260	A	0.0994
rs115052686	G	0.1289
rs4697158	A	0.0331
rs11930830	T	-0.0385
rs148536062	C	0.222
rs4607255	T	0.0521
rs10937985	A	0.0471
rs1711375	T	0.0269
rs2309553	A	0.0242
rs148234663	G	-0.1228
rs116012319	T	-0.2019
rs56296536	A	0.079
rs60019655	T	-0.0463
rs79908057	T	0.1604
rs141760758	T	0.1799
rs144368459	A	-0.1135
rs13122443	T	0.0236
rs76442102	C	0.0509
rs72708368	G	-0.0358
rs115601581	G	-0.2057
rs2535505	A	0.0225
rs138164428	A	0.1674
rs593371	G	0.0266
rs13142224	C	-0.0311
rs16878186	A	-0.0524
rs62305569	A	0.0421
rs73231130	T	0.0919
rs76373296	C	0.0571
rs4323141	A	-0.0288
rs62409100	T	0.0362
rs60354128	G	0.0304
rs116273844	A	0.1839
rs78195358	A	-0.1174

rs62312434	T	0.0304
rs7659765	T	-0.0508
rs6823939	T	0.0972
rs6553576	A	0.0297
rs4863428	G	-0.0298
rs113625218	G	0.0371
rs17633816	G	0.0327
rs75138976	A	0.0385
rs114882252	G	-0.154
rs145335378	A	0.1023
rs17055732	C	0.0628
rs10939271	A	-0.0225
rs115718732	G	0.0696
rs1493226	C	-0.0476
rs10520296	A	-0.0259
rs7675077	G	0.0272
rs114749240	C	0.1162
rs4692288	G	-0.0468
rs13135933	C	0.1126
rs138851411	T	-0.1232
rs11939062	A	-0.0227
rs148654854	A	0.1535
rs1595693	C	-0.0245
rs1867937	C	-0.0327
rs116621455	C	0.0889
rs116742725	T	-0.0792
rs13105189	C	0.0577
rs114260201	T	0.0813
rs13131814	C	0.0863
rs13130370	C	-0.0553
rs75070628	C	-0.0934
rs10001566	G	0.027
rs13108823	T	-0.0232
rs17688156	G	-0.1077
rs34099741	C	-0.0392
rs75253557	A	-0.1127
rs59443039	T	0.049
rs62305520	A	0.1168
rs2355617	T	0.0249
rs74525503	C	0.1177
rs72624155	G	0.0503
rs77747926	A	-0.0453
rs145352168	G	0.2252
rs76160459	T	0.0771
rs1996600	A	-0.0815
rs17405651	C	0.0948
rs4863055	T	-0.0378

rs2903353	G	-0.0502
rs12504297	T	-0.0248
rs35724905	C	0.058
rs80162610	T	-0.0631
rs71597222	C	-0.1353
rs115434106	G	0.0891
rs77327784	C	0.048
rs73225149	G	0.075
rs114197079	C	-0.0471
rs142843827	T	0.0365
rs79534359	G	0.0377
rs2309943	C	0.0348
rs2180259	A	-0.0484
rs150319632	C	0.1384
rs72728485	T	-0.0812
rs7656451	G	0.0406
rs75923648	C	0.0808
rs78428986	T	0.1042
rs17611968	G	0.1129
rs76644421	C	-0.1673
rs113608145	G	0.0737
rs77222710	A	0.1334
rs76072681	T	0.1516
rs71610864	A	0.0848
rs73239396	G	0.0651
rs145753478	C	0.165
rs114210524	T	0.1371
rs1316749	G	-0.0355
rs1387328	T	0.0763
rs62341787	T	0.0444
rs4689007	G	-0.0231
rs112161338	G	0.1057
rs7671039	T	0.0289
rs140567400	T	0.0532
rs11724710	G	0.0413
rs111790581	A	-0.0527
rs79967967	C	-0.0696
rs10027097	A	0.0251
rs4403031	T	-0.1126
rs17802985	G	0.0707
rs7697973	A	-0.0282
rs6847086	A	0.0238
rs13150650	T	0.0406
rs115447305	C	0.0905
rs2118051	A	-0.0562
rs4482766	C	-0.025
rs7674224	A	0.0229

rs7699815	C	-0.0391
rs77089539	G	0.129
rs115578854	T	-0.1172
rs304332	A	-0.023
rs145391269	T	-0.1404
rs13110242	A	-0.0648
rs73232788	C	-0.0315
rs12502497	A	-0.0264
rs139492259	A	0.1059
rs116009868	T	-0.1737
rs13150052	C	-0.064
rs149490983	T	-0.1357
rs2322014	C	0.0265
rs6855199	C	0.024
rs6816854	T	0.0235
rs114468107	T	0.0938
rs73246497	A	0.0946
rs12332077	A	0.1372
rs75590594	C	0.1706
rs7657066	G	-0.1046
rs116034216	T	-0.161
rs35217331	T	0.1681
rs12512633	T	0.0307
rs7674571	A	0.0775
rs34181499	T	0.0569
rs6533403	G	-0.049
rs12386464	G	0.0298
rs61796265	G	0.0309
rs1483292	T	-0.0232
rs2343815	A	0.0869
rs17749453	A	0.1193
rs113728151	A	0.0498
rs1873932	A	0.0394
rs2614644	C	0.0267
rs62302166	G	0.058
rs1481013	T	0.0244
rs926163	T	-0.0511
rs114424731	T	0.0665
rs78978925	A	0.0454
rs149427938	G	-0.0297
rs969176	G	-0.0544
rs78096627	G	0.125
rs7356166	G	-0.0351
rs139301468	C	-0.0746
rs77345374	G	0.1818
rs35407495	T	-0.0314
rs13111111	T	0.0327

rs72649644	A	0.0824
rs138440177	A	0.0919
rs76220451	C	0.0935
rs4696308	G	-0.1023
rs7442092	G	-0.0283
rs115089992	A	0.09
rs4864589	G	-0.0368
rs2390804	T	-0.0253
rs7680750	G	-0.0238
rs12511440	C	-0.0256
rs112161979	A	0.1141
rs77206416	T	0.063
rs143246322	C	-0.0512
rs7655151	A	-0.0924
rs17751499	T	0.0844
rs7654423	T	0.1054
rs144884417	T	0.1393
rs114211074	T	-0.1066
rs113949435	T	0.1243
rs17368018	C	0.1662
rs62314882	A	0.0227
rs79602551	C	0.0904
rs114323863	C	0.1027
rs35227023	A	-0.0231
rs73223476	T	0.0448
rs58320487	G	-0.0271
rs7664769	G	-0.0473
rs114973253	T	-0.1392
rs6831973	T	-0.023
rs2043384	G	0.0302
rs13145997	A	0.0234
rs2642842	G	0.025
rs7695401	G	0.0342
rs62304665	T	-0.1377
rs17444689	G	0.0814
rs111235040	T	0.1324
rs75826615	G	-0.1003
rs146427431	G	0.157
rs77528291	T	0.1455
rs10519782	G	-0.028
rs72726172	G	0.0673
rs12507701	C	-0.1287
rs62300577	T	0.1028
rs35330085	T	-0.097
rs7673823	A	-0.05
rs78123199	A	0.0671
rs61661577	G	0.0498

rs78123185	C	0.0879
rs55692829	C	0.0823
rs1547512	C	0.0229
rs111246180	C	0.1416
rs12648807	A	0.0977
rs17002331	T	0.0412
rs78653799	C	0.0636
rs7673888	C	0.059
rs7677648	T	-0.0416
rs56855447	G	0.0495
rs17034606	A	-0.0404
rs76049826	A	-0.0901
rs141028763	T	0.0798
rs1079736	T	-0.0242
rs73147231	G	0.0518
rs34860490	C	0.0259
rs77955054	A	0.0704
rs35408398	A	-0.1003
rs13146879	T	-0.1106
rs11132574	C	-0.0525
rs11944293	T	-0.0536
rs16891537	T	-0.1285
rs12501547	A	-0.0368
rs3924924	G	0.0543
rs3805376	T	-0.0316
rs10856812	G	-0.1044
rs78936115	A	-0.1233
rs13150290	T	0.0233
rs114277473	A	0.2005
rs141991857	G	0.1976
rs72656419	C	0.0366
rs9917954	G	-0.042
rs28833210	C	0.0894
rs10013607	C	0.0221
rs75878167	C	0.1011
rs17174961	A	-0.0244
rs4956254	A	0.0632
rs77511901	C	0.0973
rs74836812	G	-0.0865
rs115146996	A	-0.165
rs7676189	C	0.0242
rs1513704	A	0.0434
rs2136811	A	0.0357
rs6826634	G	0.0812
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rs75264531	G	0.1318
rs1554849	A	0.0312

rs7676749	A	-0.0234
rs112642572	T	-0.1659
rs78840317	T	-0.0822
rs17033230	A	0.1352
rs10805166	G	-0.0283
rs6811041	C	-0.0281
rs72706967	T	0.1452
rs67210740	C	0.0328
rs11728689	T	0.1391
rs13151189	G	-0.048
rs45625131	A	0.1245
rs4479753	G	0.1344
rs76006838	A	0.1317
rs73864693	T	-0.0912
rs77066025	T	0.0663
rs1472782	G	0.0338
rs4566695	G	0.0415
rs13136306	G	-0.0347
rs67037690	G	0.0294
rs76057780	G	0.1067
rs17363597	G	-0.0304
rs17675063	G	0.0399
rs79912795	T	0.0945
rs78044793	A	0.0316
rs12508259	C	-0.0251
rs6853143	C	0.0274
rs6815830	C	0.0369
rs141722519	C	-0.1451
rs145929635	A	0.171
rs960665	T	-0.0239
rs114529567	C	0.1024
rs11734382	C	-0.0308
rs7440806	G	-0.0356
rs75724491	A	-0.0903
rs139982926	G	0.1145
rs17013584	A	0.0319
rs114755574	A	-0.0667
rs17045462	C	0.0484
rs1469485	G	0.0812
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rs138820856	T	0.0749
rs4272070	G	0.0331
rs35187774	T	-0.0979
rs72690810	T	-0.1004
rs3108398	C	-0.0557
rs7676022	G	0.0491

rs11132125	C	-0.0379
rs62335741	T	0.0399
rs113251292	T	0.08
rs72660039	G	-0.0238
rs6829089	C	0.0461
rs114543684	C	0.0524
rs4635856	T	0.0285
rs57984253	G	-0.0369
rs76032079	G	-0.0817
rs1388845	G	-0.0331
rs114995586	G	0.1499
rs113183793	A	-0.065
rs116040607	T	-0.1261
rs6856821	G	0.1253
rs34536459	G	-0.1064
rs72660483	T	-0.0702
rs17374883	C	0.0253
rs35625046	T	0.0546
rs74890182	C	0.0774
rs75526488	G	-0.1051
rs6833029	T	-0.0344
rs2123274	T	0.0892
rs7340979	T	0.0405
rs140191040	T	0.1028
rs79706621	T	-0.0792
rs6847280	G	0.0412
rs12646973	A	-0.1139
rs7686486	G	-0.0855
rs116032855	G	0.0768
rs114617092	C	-0.0645
rs10029536	T	0.0991
rs4382019	C	-0.024
rs6449020	T	0.0365
rs12508002	T	-0.149
rs140481405	T	-0.096
rs140009185	A	-0.1008
rs75125328	T	0.0602
rs11727334	A	-0.0255
rs4689928	T	0.0249
rs1530610	C	0.0223
rs77950603	C	0.0949
rs112132883	T	0.0813
rs659673	G	0.0497
rs11733579	T	0.0228
rs9992347	A	0.0347
rs1154466	C	-0.0792
rs144101584	C	0.096

rs1846195	C	0.0237
rs2606320	C	-0.0288
rs79254083	G	-0.1723
rs17406380	C	-0.1432
rs116186861	G	-0.1654
rs76472087	C	-0.0375
rs2358900	T	0.0299
rs7676646	C	0.0922
rs75523675	T	0.1103
rs73225973	C	0.1353
rs115981290	A	-0.1369
rs10017774	T	-0.0449
rs72723420	T	-0.0996
rs13116185	T	-0.1768
rs3912477	C	-0.0299
rs141558983	T	0.1539
rs57327548	T	-0.0472
rs1849459	A	-0.026
rs11732788	T	0.025
rs148193353	G	0.1296
rs7680222	G	0.0229
rs2406242	T	0.1178
rs55692904	A	0.0315
rs12506138	T	0.0285
rs139805344	A	0.1163
rs73126760	T	-0.1592
rs77888735	C	-0.1256
rs3890624	G	-0.0256
rs61452340	A	-0.0473
rs113323314	T	-0.2075
rs150835236	T	0.1481
rs17021212	T	0.1554
rs58404214	T	-0.0476
rs78600125	C	-0.0898
rs7668486	C	-0.037
rs115746414	A	-0.1531
rs147357226	G	0.1935
rs117247081	G	0.1078
rs77975608	C	-0.1049
rs2707726	A	0.031
rs35612442	T	-0.0228
rs6857167	C	0.0535
rs2075132	T	0.0262
rs73248618	C	0.049
rs2060674	C	0.032
rs12501259	C	0.03
rs13123467	A	0.0887

rs115012662	C	0.106
rs62333032	C	0.0472
rs72996612	C	0.1465
rs73873774	C	0.13
rs79304136	G	-0.0703
rs115977161	A	0.0922
rs62334241	T	0.079
rs28822774	T	0.065
rs16841552	T	0.0605
rs2903158	T	0.032
rs150161785	C	-0.0994
rs77449545	T	-0.1
rs115931175	C	-0.1157
rs6831655	G	-0.0254
rs6449262	G	-0.0307
rs16994360	T	0.1032
rs13111343	C	0.0252
rs74664616	T	0.0928
rs62323622	G	0.065
rs17071183	A	0.0493
rs80083602	G	-0.0967
rs115571325	A	0.15
rs10000038	G	0.0244
rs75328738	T	0.0892
rs7661936	T	-0.0309
rs61595312	G	-0.0267
rs1846039	C	0.0252
rs80190275	A	-0.144
rs76185030	C	-0.1937
rs4234872	A	-0.0271
rs10034991	C	0.0229
rs114333026	C	-0.0527
rs72653954	C	-0.1808
rs12505998	G	0.035
rs72702240	T	0.103
rs6448687	G	-0.0334
rs73132534	A	-0.1681
rs6554267	G	-0.1055
rs6838533	A	0.04
rs62318942	A	-0.0755
rs80109638	G	-0.0951
rs6845332	A	0.0293
rs6446640	A	-0.0356
rs12641092	A	0.0317
rs62337627	A	-0.1936
rs17046921	C	-0.0275
rs78694116	A	-0.0781

rs9996048	G	0.0727
rs138241280	A	-0.1448
rs73863005	C	-0.1225
rs76914786	G	-0.05
rs141409423	C	-0.0656
rs150791352	C	-0.1423
rs74968389	G	0.1235
rs12643997	G	0.0367
rs67576664	T	0.0628
rs1648094	C	0.0872
rs116670568	G	-0.0732
rs34160589	C	0.1243
rs111852066	C	-0.1822
rs11725182	A	0.0256
rs113293893	T	-0.1216
rs114615656	A	-0.0829
rs72941677	T	0.0592
rs116048740	A	0.0935
rs10049597	C	0.0943
rs4861898	G	0.0541
rs17491802	A	-0.1254
rs17421420	T	-0.0312
rs9307169	T	0.1614
rs115023888	T	-0.1276
rs116531539	A	-0.1258
rs78576712	T	0.1027
rs10212850	C	-0.0474
rs112309940	T	-0.0319
rs138809460	T	0.1171
rs10010101	G	0.0471
rs141523353	A	-0.0908
rs114948919	T	-0.1732
rs28676794	A	0.0743
rs10004667	A	-0.038
rs772491	G	0.0217
rs112777738	T	0.1005
rs113961197	G	-0.0312
rs77385303	C	-0.0412
rs10005350	A	-0.0608
rs16999017	A	0.0975
rs363144	G	0.0949
rs16890497	C	0.0784
rs114096978	T	-0.1478
rs62319037	A	0.1098
rs115009357	C	-0.0903
rs12502898	C	-0.0325
rs73215103	C	0.039

rs114075855	C	0.0953
rs13117803	A	-0.0281
rs13127653	A	-0.0576
rs11934976	C	-0.0307
rs35821797	C	0.0266
rs3806773	C	-0.0307
rs72707737	T	0.0743
rs76233110	A	0.1073
rs6845375	C	-0.0961
rs113546193	T	0.1714
rs11933778	T	0.0298
rs4555590	A	-0.0472
rs10516451	A	-0.0227
rs75379382	A	0.059
rs28605220	T	0.0293
rs147346465	T	-0.1038
rs1718877	G	-0.023
rs62295138	T	0.0731
rs114349921	A	-0.0791
rs7683632	C	0.1162
rs6854129	C	-0.0348
rs62333120	T	0.1061
rs61793809	G	-0.0521
rs1483749	T	0.0242
rs114319265	G	0.2559
rs68063814	A	0.0732
rs113970209	A	0.0484
rs16994199	T	-0.0531
rs72732171	T	-0.0695
rs11938373	C	-0.046
rs17828403	T	-0.0531
rs17328152	C	-0.0956
rs57455487	G	0.0934
rs114997599	T	0.1133
rs114053389	C	-0.086
rs140848247	A	0.0607
rs10024182	G	-0.0708
rs2132845	T	-0.0478
rs150315740	G	0.1202
rs12643032	C	-0.0243
rs7679475	A	-0.0218
rs3814415	G	-0.03
rs77124047	A	-0.1099
rs1372531	C	0.0338
rs150722407	T	0.0704
rs73812261	T	-0.1008
rs2404325	A	-0.1185

rs150263484	A	0.1036
rs112592966	T	-0.0711
rs56290506	A	0.0248
rs28405067	A	-0.0234
rs115946071	A	0.1051
rs4334746	G	0.0228
rs113586587	A	0.0556
rs72723312	T	0.1181
rs72690525	A	0.0364
rs75314260	T	0.0873
rs145743567	C	0.038
rs35199603	A	-0.112
rs7659514	A	0.0689
rs13142373	T	0.0229
rs16876798	C	0.0257
rs56027818	C	-0.0216
rs2727427	C	0.0311
rs115117256	G	0.0612
rs73227153	A	-0.048
rs62322142	G	0.027
rs72688691	T	-0.028
rs61742285	G	0.1182
rs142517958	T	-0.0706
rs116094667	T	0.123
rs17777756	C	-0.0508
rs140554040	T	0.1922
rs10030562	C	-0.0242
rs113047857	A	0.0758
rs72683333	A	-0.0443
rs56311185	T	-0.0741
rs11727066	T	0.0955
rs74863511	C	-0.0941
rs10471098	G	0.0587
rs9999847	T	0.0307
rs56047649	T	-0.115
rs4308354	T	-0.0354
rs6855632	A	-0.0569
rs13121382	T	0.0732
rs13104269	G	-0.0519
rs11723100	C	0.0379
rs11132234	G	-0.0469
rs6834109	C	0.1156
rs145446435	A	-0.152
rs142583401	G	-0.0476
rs78952727	G	-0.0956
rs72677406	G	0.0975
rs111381501	G	-0.1097

rs114045645	G	0.0938
rs6838667	T	-0.0332
rs138715450	T	-0.1378
rs75579410	C	-0.0787
rs79264052	A	-0.0391
rs116424148	C	-0.1535
rs6840979	G	-0.0722
rs73209461	C	-0.073
rs6842071	G	-0.0604
rs6857517	A	-0.0282
rs71599018	T	-0.0882
rs62411791	A	-0.0386
rs17618813	T	0.0327
rs10019109	A	0.0237
rs2321689	C	0.0222
rs11132117	G	0.0299
rs28537375	G	0.0314
rs2004973	T	0.0222
rs4410529	G	-0.0247
rs10516834	T	0.0395
rs6830606	C	0.0511
rs1354681	C	-0.0335
rs140833205	T	0.1791
rs13435455	A	0.0495
rs13110927	T	0.0224
rs142335058	C	0.0596
rs115563119	T	-0.1209
rs10028293	C	0.0258
rs7665250	C	-0.0222
rs74289057	A	-0.0683
rs77224316	A	-0.0891
rs2857962	C	0.0455
rs113999983	A	0.1242
rs114018574	C	0.1352
rs4473632	T	0.0309
rs1009523	C	0.0562
rs1994428	C	-0.0669
rs11937669	G	0.0257
rs56134488	T	-0.0614
rs78900265	A	0.0577
rs9312376	C	-0.0333
rs76139754	A	-0.0788
rs114590304	C	0.0957
rs7689120	C	0.0228
rs56884460	T	-0.0495
rs62311277	C	-0.0876
rs4693083	T	-0.0265

rs72917055	G	0.0287
rs7660401	T	0.0301
rs17644794	G	0.0369
rs7699748	G	0.023
rs1480974	G	0.0253
rs76271330	T	0.1353
rs74365493	T	-0.0494
rs17546853	C	0.1129
rs2194931	G	-0.0362
rs79029727	G	-0.0947
rs1584783	T	0.0225
rs77325017	A	0.0782
rs17003554	A	0.0236
rs10005312	A	0.1353
rs2739534	G	0.0295
rs75699360	G	0.1097
rs73225186	T	-0.0854
rs149908782	A	0.0958
rs9996998	C	-0.0285
rs147707963	T	0.1123
rs6843562	A	0.0263
rs72694140	C	0.0764
rs4076765	C	0.0235
rs359144	C	-0.0296
rs6851870	A	0.0225
rs6825412	A	-0.026
rs116508381	C	0.0736
rs149213442	C	0.0639
rs115446883	A	0.0547
rs4392572	T	0.1675
rs7692454	C	0.0345
rs114032169	G	0.1367
rs146728092	A	0.114
rs79899824	C	-0.0703
rs147722241	G	0.0999
rs116111989	A	0.0608
rs116086762	C	0.0555
rs12646438	C	0.0748
rs13116797	T	-0.1877
rs73230204	A	-0.1228
rs10938331	C	-0.024
rs7679734	A	0.0269
rs79409868	A	-0.1764
rs116642388	G	0.1687
rs3775147	C	-0.0268
rs150282631	A	0.1133
rs57455594	A	0.0428

rs1425438	C	-0.0267
rs77656097	A	-0.0861
rs78770585	C	0.0296
rs17330230	A	0.0393
rs112894106	T	-0.1084
rs16898171	T	0.0393
rs12640735	C	-0.1591
rs7663232	G	-0.0429
rs62318054	C	-0.026
rs9307928	T	0.0907
rs4389590	A	0.0242
rs73151544	T	-0.156
rs6447849	T	-0.0227
rs142387174	C	-0.1025
rs142637215	C	-0.0709
rs56403473	T	0.0442
rs2214409	T	0.0221
rs72668372	C	0.0525
rs113387899	T	0.0561
rs4689004	C	0.0389
rs55916346	G	0.0334
rs5015586	A	-0.0312
rs77600083	T	0.1158
rs62332317	T	0.0357
rs114053876	G	-0.1163
rs78203303	C	0.0991
rs62410905	T	0.1343
rs78224171	T	0.1827
rs144873436	G	-0.1543
rs114097391	C	-0.1517
rs11099603	C	0.0774
rs116670613	A	0.0971
rs75949830	T	-0.1319
rs13110248	G	0.0417
rs7682727	A	0.0593
rs724749	A	0.0226
rs7691321	A	0.0293
rs146569323	A	0.1756
rs115751970	A	-0.0748
rs10000843	T	-0.0345
rs72713283	T	0.1398
rs76888592	T	-0.0848
rs10937620	C	-0.0231
rs141562092	T	0.0767
rs72660093	T	-0.1003
rs6535910	A	0.0216
rs1426730	T	-0.0239

rs141728129	G	0.088
rs116068050	G	-0.1463
rs9996120	A	-0.0537
rs56845943	T	-0.0869
rs143287124	T	-0.1479
rs114704088	C	-0.0685
rs74802360	G	-0.1197
rs34607675	T	0.0745
rs2907370	G	0.0226
rs12499618	T	-0.0397
rs7661062	G	0.0492
rs113200685	A	0.0806
rs79915290	C	-0.0488
rs114512767	T	-0.1835
rs76901773	T	0.0964
rs116773609	T	0.0329
rs398418	T	0.0899
rs6843222	T	-0.1088
rs10026251	G	-0.0351
rs9997678	G	0.0264
rs10011691	T	-0.0574
rs72989768	T	-0.0364
rs11731771	G	-0.0343
rs144556850	A	0.1306
rs16994919	G	-0.042
rs145661408	C	-0.0941
rs41473648	A	-0.0228
rs115447780	A	-0.0802
rs78252817	T	0.1181
rs72876500	T	-0.0812
rs7684162	T	-0.0873
rs28764847	G	0.0439
rs558201	G	-0.0231
rs34478629	A	0.027
rs4864806	A	0.0406
rs13106125	C	0.1315
rs74344544	C	-0.1257
rs762861	C	0.027
rs13140741	T	-0.0319
rs12508561	G	0.0324
rs113652956	A	0.1505
rs10213058	G	0.0391
rs6856738	G	-0.0787
rs62332683	T	-0.0665
rs140325971	T	-0.189
rs7681798	A	0.0222
rs7698265	A	-0.0367

rs62410019	C	0.0533
rs4690544	A	0.1179
rs1905843	G	0.0362
rs148452197	G	0.1265
rs1878284	A	-0.0217
rs113927692	T	0.0728
rs76691679	A	0.0865
rs114695159	C	0.1248
rs55820787	C	0.0307
rs72691304	A	0.0739
rs17071208	G	0.0272
rs10516282	G	-0.0554
rs1038443	A	-0.0218
rs72699952	A	0.061
rs4696856	T	0.0319
rs13128633	G	-0.0494
rs149775976	G	0.087
rs139614575	A	-0.1602
rs72716673	T	-0.0284
rs733155	T	-0.1156
rs62286765	G	0.0382
rs73096186	T	0.0875
rs28705987	T	0.0524
rs78073233	T	-0.1132
rs114158905	T	0.1401
rs76290867	A	0.088
rs13133418	G	-0.0411
rs4693618	G	0.0295
rs114022802	T	0.1285
rs9685393	T	0.0277
rs149283588	T	-0.1268
rs10010202	T	-0.0611
rs76815269	T	0.0505
rs142396055	A	-0.1545
rs139037058	A	0.1344
rs144133371	A	-0.1008
rs72710859	A	0.1293
rs7377363	G	0.0243
rs6836207	C	0.1112
rs6823800	C	0.0248
rs116648918	T	-0.0634
rs35602947	G	-0.0292
rs137876375	G	0.1241
rs17308825	T	0.0379
rs114506980	A	0.0503
rs74822576	G	-0.051
rs17575547	A	-0.0778

rs17396534	T	0.025
rs2245120	C	0.0947
rs2309119	C	-0.0271
rs12501313	C	-0.0375
rs62286326	A	0.0272
rs7698605	C	0.0291
rs114393448	A	0.1577
rs3101279	A	0.0291
rs2133051	G	0.0224
rs6552231	C	-0.0669
rs141593760	A	-0.1044
rs4576036	T	0.0226
rs2029886	T	-0.0285
rs6837737	C	-0.089
rs80061574	G	0.0367
rs6837550	A	0.0781
rs72691844	G	-0.1718
rs73189450	A	0.1096
rs4473649	C	0.0249
rs35538111	G	0.026
rs76653180	A	0.0952
rs10016172	A	-0.0295
rs11722825	C	0.0302
rs10018327	G	-0.0332
rs79073302	T	-0.0552
rs138733295	T	-0.2061
rs17740191	A	0.0806
rs79233167	A	0.0655
rs73245753	T	-0.0392
rs12500591	A	-0.1164
rs1288572	C	-0.0276
rs317898	C	-0.0213
rs1390738	T	-0.0273
rs78334756	T	0.0306
rs10027384	G	0.0407
rs150114690	G	-0.0545
rs73835757	T	-0.0877
rs114344361	G	0.1728
rs115628998	C	-0.1408
rs75221478	C	0.0541
rs117182038	A	0.0982
rs9998709	G	0.0241
rs34740679	A	0.0379
rs76153207	C	-0.0693
rs12510055	A	0.0887
rs77203265	C	0.1033
rs4692955	T	0.0372

rs113674276	G	-0.0692
rs72664679	C	-0.0552
rs1216368	A	0.0328
rs76287781	A	-0.1579
rs115366635	G	-0.0639
rs112362418	C	0.0531
rs138852608	T	0.1644
rs7684313	A	-0.0307
rs2374204	A	0.0444
rs72686385	A	0.222
rs77228652	C	0.0702
rs58182093	A	-0.0628
rs112020973	A	-0.0473
rs116716724	T	-0.054
rs112309959	C	-0.1293
rs36022449	A	0.0422
rs10034033	A	-0.0278
rs72634735	T	-0.0899
rs72690081	C	0.0804
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rs10027934	G	-0.0558
rs4864171	C	-0.0393
rs73229052	T	0.0614
rs2865384	G	0.0219
rs149477553	T	-0.0503
rs72618099	A	-0.0675
rs72728411	G	0.119
rs17069894	A	-0.0736
rs113758487	G	0.0705
rs73232303	A	0.1085
rs72685627	A	-0.0431
rs309800	A	0.0259
rs116106413	A	0.0565
rs6554207	T	0.0228
rs282241	A	0.0539
rs114942943	A	0.12
rs7667167	C	0.0211
rs78697264	T	0.0727
rs116304657	C	-0.1193
rs10003686	G	-0.0217
rs75407449	C	-0.1018
rs11133284	T	0.0295
rs111621971	A	0.1489
rs72734243	G	-0.0436
rs60393798	A	0.0489
rs77408613	T	-0.0421
rs76444143	A	0.0755

rs138669488	C	0.1122
rs77403848	G	-0.0442
rs12054522	C	0.0329
rs7681372	A	0.0275
rs41280493	G	-0.083
rs77377363	A	0.1076
rs79123989	A	0.042
rs345327	A	0.0603
rs77388851	C	-0.0609
rs142013157	G	0.0899
rs17069770	A	0.0337
rs148964088	T	-0.1153
rs72659467	G	-0.0853
rs7376873	A	0.0241
rs4693958	G	-0.0327
rs34474852	T	-0.0215
rs116466244	C	-0.0403
rs113548502	C	-0.0861
rs114278721	A	0.15
rs13120089	T	-0.031
rs72737555	C	0.0219
rs74907093	C	-0.0758
rs116522651	C	-0.0846
rs35057233	G	0.1021
rs35037628	C	-0.1168
rs6840028	T	0.0248
rs12506176	G	-0.0371
rs11732885	C	-0.0216
rs115176625	G	-0.1446
rs115973778	C	-0.0752
rs113988512	T	0.0826
rs2625248	T	0.0245
rs147221974	C	-0.0788
rs112000575	T	0.1189
rs6818203	C	-0.0294
rs60725195	C	0.028
rs75253942	C	-0.1104
rs13102284	T	-0.022
rs4693400	G	0.051
rs142156725	T	0.084
rs61791482	T	0.032
rs2797507	T	0.0234
rs35963898	T	-0.0315
rs115062940	G	-0.0924
rs75709740	A	-0.0916
rs4863761	T	0.021
rs114035285	C	-0.0907

rs80082492	T	-0.1678
rs113210349	T	0.1095
rs57474973	G	0.027
rs34058514	C	0.0527
rs56022000	C	0.035
rs13150653	A	0.0261
rs2532098	T	-0.0227
rs4697106	T	-0.0241
rs116077039	C	0.0846
rs77565900	T	0.0454
rs13130709	T	0.0249
rs6853097	G	0.043
rs4698458	T	-0.0211
rs59664098	A	-0.0465
rs9992266	A	0.0282
rs13101870	G	0.0248
rs116002426	T	0.0625
rs80208298	A	0.0956
rs41354944	C	0.0888
rs28870188	A	0.0975
rs4308334	G	-0.0293
rs115044017	G	-0.1361
rs13127640	G	0.0247
rs223482	G	0.0293
rs75889352	G	-0.0521
rs62326125	T	-0.067
rs10520475	C	0.0406
rs10030693	G	-0.0327
rs28649750	T	0.023
rs2587146	A	0.0232
rs75158161	C	0.0513
rs62330094	A	-0.0745
rs4640657	A	0.0446
rs76239529	T	0.0951
rs77707113	G	0.0918
rs76708531	T	0.1166
rs140518777	G	0.1621
rs1533236	T	0.0218
rs72698385	G	0.1171
rs6837230	C	-0.0232
rs12644153	C	0.0225
rs78486102	G	0.0735
rs6414773	A	0.0889
rs56363411	A	-0.1403
rs17530357	A	0.0368
rs142849884	C	0.1119
rs79418213	A	0.1297

rs2976481	T	0.024
rs151267021	T	-0.1784
rs78118430	T	-0.0557
rs112016588	A	0.0892
rs3828483	C	0.0218
rs13103206	A	-0.0605
rs73225138	A	0.031
rs7661910	T	-0.0282
rs4440167	T	0.0268
rs7684006	A	0.0211
rs76505722	T	0.1138
rs115436187	C	-0.0877
rs13129072	T	0.1167
rs149399928	A	0.1034
rs73198070	T	-0.0374
rs138158522	A	-0.0977
rs116082882	A	0.1453
rs7670510	T	-0.0871
rs80158426	A	0.0883
rs4547833	T	-0.0279
rs115530908	C	0.0861
rs3733437	T	-0.0222
rs75978715	G	-0.0534
rs144707798	C	-0.1183
rs10028021	T	-0.0569
rs10029904	T	0.057
rs74287730	A	-0.0579
rs77046733	T	0.0673
rs1353382	C	-0.0233
rs4314235	G	0.0352
rs72706351	A	-0.0904
rs1380093	A	0.0271
rs56010433	C	-0.0466
rs991645	G	0.0262
rs67722464	A	0.1295
rs77729330	C	-0.108
rs2132665	A	0.0253
rs59184766	G	-0.052
rs72709988	G	-0.0524
rs78638527	G	0.0721
rs79684948	T	-0.2022
rs139374614	A	0.1792
rs10028316	T	0.117
rs74463863	A	-0.1878
rs12645193	G	-0.0251
rs139872407	C	0.1411
rs114621981	T	-0.0725

rs56114130	A	-0.0249
rs11931595	C	-0.0277
rs114015399	C	-0.0781
rs56021550	C	-0.1267
rs12508201	T	0.0581
rs4235311	C	0.0253
rs17861930	G	0.0996
rs10050229	G	0.0226
rs433445	A	0.0449
rs112849285	A	0.0806
rs6850200	A	0.0221
rs2212966	A	-0.034
rs116491840	T	0.0993
rs6840953	T	-0.0249
rs72619202	A	0.1322
rs116780001	A	0.1135
rs115532078	G	0.0591
rs41268413	T	-0.1964
rs2390626	C	-0.0245
rs71616752	T	0.175
rs924199	T	0.0396
rs56008228	A	0.0726
rs13143361	C	0.0286
rs143764498	T	0.0382
rs17041421	A	0.028
rs114543518	G	0.1345
rs6536296	T	0.026
rs7665552	C	0.0218
rs7692859	A	0.0276
rs78330174	T	0.0965
rs1976518	C	-0.1132
rs115921329	G	-0.0632
rs72726618	C	-0.095
rs12503581	C	-0.0356
rs79295975	G	0.114
rs76304709	A	-0.0836
rs76823570	T	0.0502
rs116478855	A	0.1437
rs4862645	A	0.049
rs139004419	C	-0.1356
rs146331446	C	-0.1029
rs7672380	C	0.0262
rs114682420	A	0.0825
rs111446335	T	0.0669
rs78645115	A	-0.07
rs13146366	G	-0.0245
rs115512566	A	0.117

rs34292644	T	-0.0654
rs10939525	T	-0.0478
rs140791246	A	0.165
rs2566131	C	-0.0251
rs6447145	G	-0.0218
rs1432319	T	-0.0326
rs17001357	T	-0.0228
rs74852202	C	0.079
rs2391037	C	0.0252
rs10003910	A	0.0259
rs74777082	G	0.1556
rs4600889	A	0.0582
rs74510548	T	0.0406
rs62336030	T	0.0847
rs4241675	G	-0.0263
rs72657281	T	0.1334
rs140505011	G	-0.1425
rs114934575	A	0.1243
rs73106937	T	0.0918
rs2221857	G	-0.0205
rs62307749	T	-0.0329
rs147248540	G	-0.1623
rs74901820	A	-0.0978
rs923445	G	0.0284
rs56144685	A	0.0989
rs11097755	C	0.0232
rs79037288	T	0.0842
rs13135667	C	0.0756
rs3860063	A	0.0248
rs13128709	C	0.0317
rs2034002	A	0.0435
rs535707	T	-0.0245
rs6810708	C	0.025
rs2581496	A	-0.0355
rs1600320	G	0.022
rs116619396	T	0.0816
rs79738270	T	-0.1093
rs12513123	A	0.1478
rs73139114	T	0.0692
rs62311741	A	0.0974
rs72722726	A	0.0406
rs4450883	A	-0.0337
rs78928820	A	-0.1224
rs75453134	T	-0.0454
rs6839509	C	0.0209
rs111836839	C	-0.1626
rs28442140	T	0.0682

rs2170780	G	0.0213
rs75185271	G	0.0699
rs78876299	C	-0.066
rs7682471	T	-0.0235
rs112933929	T	-0.0778
rs114687670	T	-0.0664
rs17766148	T	-0.1269
rs2597897	T	0.1113
rs114947575	G	-0.0849
rs4833925	T	0.0242
rs11943336	G	-0.0308
rs114640614	A	-0.1556
rs116001402	A	0.0699
rs114274056	C	-0.1046
rs116520032	C	-0.1718
rs13132667	G	-0.0308
rs6850368	G	0.0242
rs11934631	A	-0.0274
rs113312467	G	-0.0878
rs17811079	G	-0.1402
rs28537771	A	0.0294
rs61209374	C	-0.0519
rs113754178	G	-0.0983
rs150561455	T	0.0699
rs12645232	A	0.0399
rs74989581	T	0.0416
rs2319250	A	0.0283
rs148485847	C	0.1863
rs13116213	A	-0.0274
rs71603328	G	0.0823
rs2553382	C	0.0281
rs16894847	T	0.0276
rs79738363	T	-0.1094
rs79768097	G	0.1203
rs1506806	C	-0.0299
rs7680999	C	-0.0505
rs79691359	T	0.0437
rs72659636	G	0.0631
rs4414935	T	-0.0353
rs143159715	T	-0.192
rs55725814	G	0.0397
rs2850384	A	-0.0326
rs17165126	C	-0.0664
rs28735796	G	0.023
rs74946669	G	-0.0533
rs147660910	T	0.0378
rs10939393	C	-0.0242

rs114421583	G	-0.0812
rs144345591	A	0.028
rs2171745	C	0.0228
rs77761344	T	0.1388
rs6448784	C	0.0399
rs6854439	C	0.0298
rs79924292	C	-0.0933
rs7669774	A	-0.0828
rs34820217	A	-0.0845
rs13121768	G	0.0786
rs1468248	G	-0.0443
rs114541092	T	0.1861
rs79634129	C	-0.1264
rs148827733	T	-0.0957
rs983071	G	0.0414
rs77671810	G	-0.1179
rs10028987	C	-0.1236
rs6834136	A	-0.0254
rs6554508	C	0.0332
rs55787570	G	-0.1066
rs17022027	T	-0.0442
rs55736332	T	0.0732
rs1808714	A	-0.0409
rs116128373	A	0.1214
rs148302083	T	0.1064
rs147988737	C	-0.1623
rs80184588	G	0.1615
rs75457564	T	0.136
rs7677501	C	0.0264
rs2048915	T	0.032
rs2703459	G	0.0226
rs34539638	A	0.1246
rs35653747	C	0.0978
rs10013054	G	0.0279
rs55649620	A	-0.0244
rs148187930	T	-0.0573
rs150425857	T	-0.0675
rs60339366	T	-0.0735
rs6817415	T	0.0253
rs80245890	A	0.0664
rs78648801	C	0.0898
rs72901601	T	-0.0576
rs10519483	G	-0.0914
rs72958286	A	-0.1142
rs6552561	A	-0.0234
rs148571375	A	0.1264
rs1501086	A	-0.03

rs147077034	G	-0.1548
rs59592436	A	0.067
rs7659426	T	0.0238
rs77807862	G	-0.0834
rs147294163	A	0.1218
rs72621806	C	0.0359
rs114348423	A	-0.1293
rs10520216	T	0.0433
rs17264104	A	-0.0541
rs77587648	T	0.0916
rs77801134	C	0.0405
rs142479956	T	-0.0371
rs79859100	C	-0.0754
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rs79047903	G	-0.1129
rs113838839	G	-0.075
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rs28602543	G	-0.0323
rs74784139	A	0.0432
rs17725337	T	-0.0815
rs74354031	C	-0.1064
rs894810	G	0.0283
rs139106504	T	0.1378
rs111807012	A	0.0277
rs13110230	G	0.0324
rs9997134	C	0.0272
rs35698683	G	0.0982
rs13136313	G	0.0434
rs35334356	T	-0.0526
rs13103639	T	-0.0418
rs2955270	A	-0.0789
rs144952196	T	0.1507
rs78476393	G	0.1336
rs72637571	A	-0.0297
rs144090815	A	-0.1507
rs10516469	T	0.0356
rs72672365	A	0.1251
rs6818888	C	-0.0224
rs113196123	G	-0.1123
rs13145928	A	0.0361
rs358227	A	0.0284
rs12512079	C	-0.1592
rs6836874	G	0.028
rs115515906	G	0.1131
rs79153824	T	-0.1283
rs77518584	T	0.1355
rs10805350	A	-0.027

rs116550044	T	-0.115
rs146571586	C	0.027
rs2880381	T	0.0335
rs145019520	A	0.0852
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rs73228866	T	-0.0292
rs146176151	C	0.1152
rs7660017	A	-0.0225
rs74956020	G	0.0897
rs9992390	G	-0.1395
rs1119525	C	-0.0291
rs148617106	A	-0.1458
rs72656271	T	-0.0546
rs28552421	G	0.0223
rs115407826	C	0.0664
rs3846318	G	-0.0205
rs113366937	A	-0.0611
rs149074485	T	-0.1221
rs11099589	T	-0.0815
rs77051794	C	-0.1512
rs7675918	C	0.022
rs116358589	A	0.143
rs7665939	T	0.037
rs111465388	T	0.0531
rs35563234	A	-0.0596
rs73849886	G	0.0492
rs6553136	A	0.0246
rs6850840	G	0.0203
rs13121020	T	-0.0229
rs1662845	T	0.0213
rs142615564	A	-0.1151
rs60493511	A	0.0635
rs66760518	T	0.0431
rs77185189	T	0.0417
rs6834438	A	0.0403
rs72715579	A	-0.1204
rs10008902	C	0.0309
rs144594101	A	0.1206
rs6840589	A	-0.0971
rs78378042	T	-0.1141
rs314043	A	0.0372
rs10022520	T	0.0264
rs62303998	A	0.0614
rs13110067	A	0.0343
rs11731310	A	-0.1602
rs61792242	C	-0.0945
rs4697373	C	0.0255

rs77088618	T	-0.1211
rs150967238	A	-0.0688
rs4861960	T	0.0311
rs6812943	G	-0.0212
rs6537027	A	-0.0286
rs13115204	T	0.0272
rs114024482	T	0.1536
rs115396163	C	0.0841
rs115344018	T	0.0742
rs28367197	C	-0.0347
rs9291516	C	0.0218
rs1978674	T	-0.0244
rs4456976	T	0.1306
rs28558827	T	-0.0386
rs74783965	G	0.1146
rs79882885	A	0.0916
rs11725444	T	0.0309
rs114201485	T	-0.0569
rs28505426	A	-0.1163
rs7663183	A	0.0269
rs1353381	G	0.043
rs6414629	T	-0.0206
rs116591402	T	-0.0999
rs112484641	A	0.0513
rs28548870	C	0.0312
rs17014505	C	-0.0315
rs150035597	T	-0.0892
rs79062020	T	-0.1079
rs2221199	A	0.0257
rs142259646	A	0.0294
rs145174524	T	-0.1122
rs163185	C	0.0325
rs76398199	C	0.0697
rs146806829	A	-0.102
rs62340534	T	0.1005
rs13109005	G	-0.0217
rs6852974	T	-0.0349
rs12510203	C	-0.022
rs146945876	A	-0.131
rs4691096	G	-0.0295
rs13135404	G	0.0276
rs115436854	C	-0.1468
rs111290616	C	-0.1202
rs112074936	T	-0.0644
rs13137001	G	-0.0531
rs16853	G	-0.0597
rs35475114	T	0.0998

rs28410605	A	-0.0273
rs114473192	A	0.0808
rs78116227	C	-0.1529
rs116642424	A	-0.1926
rs77804965	T	-0.0405
rs4507392	T	0.0296
rs13143486	T	0.0725
rs1533547	G	0.0202
rs56150726	A	-0.0601
rs62412698	T	0.0722
rs16878270	G	0.1363
rs891367	C	0.0698
rs35835656	C	0.1041
rs2041216	T	0.021
rs145283653	T	0.0824
rs77347553	T	0.0279
rs116438078	T	-0.0805
rs75750709	C	0.0929
rs55652249	A	-0.0756
rs11930568	C	0.0479
rs66921474	T	0.0322
rs2139591	C	-0.0209
rs141145245	A	0.1185
rs6535231	G	0.0575
rs1511455	A	-0.0284
rs148811459	G	-0.1487
rs113124981	G	0.0903
rs114499202	A	0.0672
rs12507599	T	0.0265
rs7678843	T	0.0267
rs10461214	C	0.0266
rs12648994	A	0.0774
rs143378562	A	0.1101
rs139042212	T	0.1632
rs74881503	G	-0.0796
rs145343218	T	-0.1468
rs142114867	A	-0.1037
rs11100364	C	-0.0412
rs1298472	A	-0.0329
rs72699503	T	0.0679
rs35991414	A	0.0523
rs76041572	T	0.1085
rs79753954	C	0.1345
rs77167505	G	0.0899
rs41286651	C	0.0684
rs3936616	A	-0.0516
rs77813712	C	-0.1723

rs59408526	T	-0.0212
rs4382082	G	0.0229
rs114179219	T	0.0688
rs7664538	C	-0.1763
rs147042557	T	-0.0877
rs11099805	T	0.0258
rs12644276	G	0.0501
rs73251818	G	0.0497
rs1846066	A	0.0496
rs11724732	T	-0.0425
rs13136413	C	-0.0314
rs62338196	T	-0.0948
rs10014263	A	-0.0333
rs139181782	A	-0.1504
rs76182190	A	0.0761
rs71620934	G	0.1164
rs145088193	A	-0.1096
rs10029917	T	0.0296
rs1459856	C	0.0209
rs115048444	T	-0.124
rs3912538	A	-0.0255
rs76520774	C	0.0683
rs4308381	A	0.0328
rs863620	G	0.027
rs4299571	G	-0.0212
rs12374272	A	-0.0692
rs726428	C	-0.0344
rs78933486	T	0.035
rs13122358	G	-0.0213
rs72727617	C	-0.0493
rs1582707	T	0.0895
rs924232	T	0.0216
rs75658243	T	0.1413
rs10517406	C	0.0885
rs62308490	T	0.1098
rs6810528	G	-0.0253
rs4443226	A	-0.0212
rs11935381	A	0.0325
rs140030777	A	-0.0797
rs56358101	A	0.0791
rs4689066	C	0.0223
rs10002809	A	0.0261
rs7699886	A	-0.1557
rs147582285	G	0.1106
rs57588120	T	0.0313
rs17040042	T	0.1271
rs2102974	A	0.0765

rs10050328	T	-0.0233
rs1544985	G	-0.0333
rs4835173	G	-0.0308
rs72689983	A	0.1392
rs114944710	A	-0.1158
rs74665019	C	-0.1267
rs76094691	T	0.1201
rs13107458	T	0.0214
rs77217416	G	0.0742
rs144467530	A	0.1684
rs79498056	C	0.0425
rs10023548	C	0.0275
rs62313477	G	-0.0573
rs2712119	A	-0.0221
rs13108713	A	-0.1637
rs6825670	G	-0.026
rs17025335	A	0.0225
rs75810559	A	0.0328
rs11133052	A	-0.0259
rs80041146	A	-0.0672
rs4088545	T	0.063
rs16839310	C	0.0323
rs149973757	T	0.1014
rs45555838	C	-0.1572
rs11727868	T	0.0244
rs115259932	T	-0.0774
rs3810766	C	0.0258
rs112577862	A	0.043
rs75724417	T	-0.047
rs6842940	C	0.0213
rs76354207	G	-0.1123
rs4330397	G	0.026
rs144222038	T	0.1177
rs72712245	G	-0.0462
rs10015877	C	-0.0286
rs9683795	C	0.0207
rs141686285	C	0.0877
rs13144390	A	-0.0233
rs142960935	A	0.0276
rs55662073	T	-0.1079
rs79129663	C	0.0902
rs76421864	C	-0.0606
rs72675581	T	0.0832
rs2877985	G	0.0364
rs116114077	A	-0.0526
rs4699835	A	0.0232
rs112397745	A	-0.1353

rs116818602	C	0.1321
rs7697652	A	0.0213
rs77488576	T	-0.0926
rs17081987	T	0.0326
rs58096728	T	0.0944
rs115837492	T	-0.0783
rs12503147	A	-0.1231
rs7435446	A	-0.0666
rs35186028	T	0.1383
rs10569	T	0.0338
rs7697686	A	0.1133
rs114617809	C	0.0795
rs80067274	T	0.0746
rs4337742	G	-0.0202
rs147212410	T	-0.0988
rs35631652	G	-0.043
rs116561189	A	0.0634
rs72661058	G	0.1156
rs6536946	T	0.0263
rs2412693	G	-0.024
rs12502597	C	-0.0325
rs62332989	T	-0.1494
rs6812773	T	-0.0352
rs148573108	A	0.0876
rs9307772	C	-0.0227
rs36050273	G	0.0822
rs62289382	T	0.0564
rs140350101	C	-0.0592
rs72702070	C	-0.0654
rs114418055	A	0.1794
rs148742823	A	-0.0884
rs115125297	A	-0.144
rs7438194	A	-0.1138
rs78533151	C	0.0681
rs141255152	A	-0.1267
rs7687577	A	0.0326
rs143793031	C	0.1127
rs76541820	A	0.1058
rs13137151	A	-0.0776
rs13144759	G	0.0355
rs10022034	A	0.0318
rs6841316	A	-0.0271
rs147833826	C	0.0681
rs11731030	T	0.0321
rs114046738	A	0.1214
rs12646332	T	-0.0276
rs2715452	A	-0.0251

rs4519837	T	-0.0248
rs11728437	C	0.0241
rs2465548	A	-0.0244
rs13137850	C	-0.0496
rs10002887	A	0.0255
rs3924194	G	-0.058
rs4302527	C	-0.0298
rs13119905	A	0.048
rs115344423	A	0.0917
rs79986694	C	0.0438
rs10518120	G	0.0298
rs485909	G	-0.0219
rs35469294	C	0.0262
rs2871408	T	-0.0255
rs79135384	A	-0.0359
rs35712539	T	0.0488
rs72670353	G	0.1216
rs6832058	C	-0.0358
rs141498097	C	-0.1145
rs73226759	T	-0.0971
rs142595091	A	0.0688
rs3796564	C	-0.021
rs13132409	C	0.1223
rs62352006	C	-0.1309
rs13132136	T	0.0245
rs6841386	C	0.0288
rs28378546	A	0.028
rs149026516	T	-0.1676
rs138741677	A	0.0768
rs115637671	A	0.1195
rs79207827	A	-0.0812
rs17676844	G	0.0546
rs114261344	G	0.1347
rs148259940	A	0.0919
rs115567673	T	-0.1043
rs77679015	T	0.062
rs115771644	C	-0.1364
rs73212951	A	-0.1184
rs9991098	T	0.1052
rs115235425	T	-0.0807
rs10516927	A	-0.0302
rs13109351	T	-0.0712
rs116272279	C	0.0953
rs6822888	C	-0.0248
rs78788026	T	-0.1081
rs35745038	T	-0.0626
rs72723489	T	-0.0793

rs12048875	G	-0.0534
rs72673270	C	0.0289
rs11736677	C	0.0584
rs11736367	T	0.0235
rs116834442	G	0.1075
rs116772677	G	0.0292
rs80312223	G	0.0522
rs80222007	C	0.0529
rs1450148	C	-0.0239
rs11728248	A	0.0255
rs78834619	C	-0.0381
rs74737896	T	-0.0322
rs115416014	C	-0.06
rs35936802	G	-0.097
rs13102584	G	0.0225
rs73249005	A	-0.1958
rs141256607	T	-0.1019
rs1154454	G	0.0286
rs115383239	A	0.104
rs62321860	A	0.0314
rs7685303	C	-0.0317
rs17621384	G	0.0251
rs6827155	C	0.0327
rs13136650	A	0.0797
rs17503645	C	-0.0696
rs149737053	A	0.1939
rs77824584	T	-0.1202
rs113421127	G	-0.0436
rs115886502	C	0.1813
rs13120807	A	0.0295
rs35894004	C	0.0833
rs79629830	C	-0.0819
rs17484713	G	-0.0839
rs7440245	T	-0.0307
rs1399002	A	0.0207
rs17588403	A	-0.0271
rs75096508	A	0.0956
rs78298490	T	0.1449
rs11727143	T	0.021
rs75602246	C	0.0627
rs2867918	A	0.0294
rs114494410	A	-0.138
rs79062778	C	-0.0395
rs115079329	T	0.1399
rs72715000	C	-0.0628
rs116064001	T	-0.1108
rs77389176	T	0.1527

rs76115371	A	-0.1666
rs75151310	G	-0.0581
rs7695766	G	0.0205
rs80035353	A	0.1244
rs11550170	G	-0.0328
rs4549381	G	-0.0437
rs144522260	A	0.1535
rs7692676	G	-0.0214
rs79261165	A	0.0994
rs13123050	A	-0.0225
rs2686289	G	-0.0263
rs151023064	G	-0.1542
rs6536707	G	-0.0227
rs6828248	A	-0.021
rs7672656	C	-0.0346
rs115745075	T	0.0661
rs9917909	A	0.0206
rs7688472	G	0.0215
rs6447059	G	0.0572
rs140487392	A	0.0898
rs13151409	A	-0.0233
rs71610440	A	0.0532
rs35651496	T	-0.0615
rs76382189	A	0.0699
rs28394458	C	0.0525
rs71601699	G	-0.0329
rs6816732	C	0.0214
rs62311660	T	-0.0295
rs113346670	A	-0.0412
rs1435385	C	0.0376
rs62305126	G	0.1057
rs112318743	T	0.0573
rs78771853	T	-0.1581
rs28597731	C	-0.0311
rs114307200	A	0.0502
rs336327	C	0.0883
rs4315753	A	-0.0222
rs142624645	T	-0.1038
rs62304088	T	0.0348
rs115595592	C	-0.1154
rs4446405	T	0.1022
rs78098754	T	0.1004
rs2240264	T	0.0243
rs35936134	T	-0.0394
rs149150073	C	-0.2179
rs72678532	A	0.1134
rs6841366	G	-0.0295

rs112874628	A	0.1062
rs116305646	T	-0.0592
rs35991587	C	0.0636
rs6813221	A	0.02
rs1156670	A	-0.158
rs10020117	T	0.0278
rs78219745	C	0.0461
rs475680	T	0.0254
rs78402506	T	0.0696
rs77865056	C	-0.0805
rs13114204	C	-0.0505
rs17443013	C	0.0199
rs147582986	T	-0.1206
rs10008691	T	0.0674
rs116387606	G	0.0631
rs1459054	G	0.025
rs13147458	A	-0.0217
rs115779765	C	-0.1123
rs71599856	C	-0.0394
rs114972589	T	0.1035
rs116645196	T	-0.0853
rs149019706	T	0.1675
rs4975260	G	-0.0351
rs17051353	A	-0.033
rs4613526	C	0.0215
rs7684910	A	0.0308
rs11721820	A	-0.0289
rs7656327	C	0.0262
rs78048732	C	-0.084
rs1388154	T	0.0322
rs71602637	G	-0.1527
rs62346060	A	0.0359
rs146432692	T	-0.1011
rs1105616	C	0.0257
rs72728729	T	-0.0395
rs4835349	C	0.0222
rs11727186	T	0.0265
rs76121705	C	-0.1309
rs149155994	C	0.0906
rs76717363	T	0.1193
rs148740163	T	0.1978
rs1897765	G	-0.0303
rs17549478	G	-0.1216
rs11941046	T	-0.0288
rs6447139	G	-0.0312
rs11723946	T	-0.0952
rs28722993	T	-0.0305

rs13125043	C	0.0478
rs6815422	C	0.0219
rs4861622	T	0.0789
rs6599290	T	0.0357
rs2605257	C	0.0198
rs320762	C	0.0223
rs140438152	A	0.0964
rs621740	T	-0.0247
rs4274892	C	-0.1495
rs9637693	T	-0.0704
rs2683408	C	-0.0943
rs72728433	C	0.1037
rs11132235	T	0.0699
rs7694715	A	0.0392
rs7695374	G	0.0202
rs148844125	C	0.0841
rs79936066	A	0.063
rs6838471	G	0.0404
rs79824064	C	0.0351
rs113912535	T	-0.2485
rs72716369	C	0.0593
rs56413951	G	-0.0215
rs115703708	T	-0.0852
rs10027610	A	-0.0367
rs76482367	A	0.0942
rs149998250	T	0.1394
rs116821091	T	-0.1506
rs78927340	A	0.0747
rs61793035	C	-0.0208
rs7699259	A	0.02
rs16839631	C	-0.0568
rs6814291	C	0.0361
rs115150418	C	0.0986
rs35283643	C	0.0212
rs739970	A	-0.0635
rs115278203	A	0.0609
rs111302962	T	0.0865
rs55655023	T	-0.0445
rs35087987	A	-0.092
rs7435037	T	0.0453
rs74408565	G	0.0515
rs145493914	A	-0.0861
rs144064387	G	0.0865
rs4501246	T	-0.0204
rs115549840	C	0.0599
rs79594274	G	-0.07
rs12715964	G	0.0495

rs6835852	T	-0.0282
rs11735754	T	-0.0322
rs114437510	A	0.1207
rs116288623	A	0.0701
rs62295063	A	-0.0214
rs76775127	A	-0.0907
rs72699997	A	-0.1256
rs61261762	A	0.0877
rs115934707	G	0.0559
rs112650341	T	0.0317
rs7683390	T	-0.0306
rs143799351	A	-0.1539
rs3846453	G	-0.0203
rs140858580	G	0.1577
rs77004544	G	-0.1189
rs56401517	A	-0.0262
rs114222098	C	0.1209
rs4235452	G	-0.0278
rs140149394	G	-0.1428
rs114567622	C	0.0895
rs56118204	G	-0.0328
rs4129319	T	0.0214
rs71673458	T	-0.0862
rs72983165	T	0.1111
rs1869618	C	0.0278
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rs11733800	C	0.0834
rs6840060	G	-0.0845
rs114600853	C	0.0878
rs10018318	C	-0.023
rs73252913	G	-0.0624
rs115583550	G	-0.0615
rs75389891	T	-0.0673
rs77883801	A	-0.0951
rs138892678	G	-0.0633
rs79949654	A	0.0439
rs78470908	T	-0.0555
rs112361045	A	0.0565
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rs359217	T	-0.0359
rs138286624	A	-0.1116
rs4637360	G	0.0383
rs73852834	A	0.0807
rs150262613	A	-0.0781
rs144304186	T	-0.0989
rs115349299	T	0.1023

rs28703260	A	-0.0425
rs115776522	T	-0.1278
rs142771453	A	-0.1361
rs17828318	T	-0.0579
rs114092637	C	0.1
rs76867927	T	-0.0473
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rs113817573	A	-0.0803
rs9999992	A	0.0388
rs72638370	G	-0.0251
rs10517592	G	0.0582
rs77104355	G	-0.0549
rs114899411	A	-0.0917
rs11100601	T	0.0316
rs6810614	G	0.0374
rs116128409	C	-0.0708
rs2117259	A	0.0854
rs77066075	C	0.035
rs58512740	A	-0.1003
rs115744319	T	0.0948
rs34448072	C	-0.028
rs72664074	C	0.0402
rs145426199	A	-0.0989
rs138036270	A	-0.0975
rs73864570	G	0.1123
rs752984	A	-0.0745
rs2292414	G	-0.022
rs13128324	A	0.0223
rs17709359	G	0.0619
rs4461530	A	0.0364
rs12646676	A	0.0745
rs34054626	T	0.0492
rs4861445	A	-0.0427
rs146687269	A	-0.1416
rs34591636	G	0.0585
rs11734199	C	0.0675
rs141777326	A	-0.1201
rs74809883	G	0.0615
rs9637619	A	0.0282
rs10013423	T	0.0689
rs116507381	T	-0.0739
rs11503014	G	-0.0267
rs74387408	A	0.0749
rs73865414	C	0.1075
rs115538795	G	0.0875
rs141072707	C	0.112
rs114135520	T	0.1132

rs71610835	A	0.1082
rs1560330	C	-0.0267
rs13120638	G	-0.043
rs72883367	T	0.0872
rs144114895	T	-0.0667
rs115592177	A	0.094
rs115864073	G	0.1095
rs79055888	A	-0.1517
rs924722	T	-0.0248
rs11737194	G	0.022
rs13138803	A	-0.0216
rs568752	C	-0.0203
rs13115781	G	-0.044
rs114216071	A	0.1025
rs62317872	A	-0.0375
rs7662802	A	0.0203
rs72721193	A	-0.1264
rs13110318	A	-0.034
rs149587586	G	0.1169
rs77958035	A	-0.1389
rs73065573	T	-0.1084
rs7666445	G	0.021
rs17050215	A	-0.0272
rs67488659	A	0.0837
rs72660841	T	0.0592
rs17214066	T	-0.051
rs10009239	A	-0.0247
rs115566451	C	0.1183
rs148388002	T	-0.1834
rs62310565	T	-0.0765
rs28434736	A	-0.0265
rs17480997	T	0.0639
rs115345981	A	-0.0907
rs2320767	A	0.0196
rs56214703	G	-0.0599
rs12641881	T	0.0233
rs17402907	A	0.1611
rs115880843	G	0.107
rs7669546	A	-0.0266
rs35778605	T	0.0733
rs13151054	T	0.0281
rs317903	T	-0.0206
rs148495156	C	-0.1494
rs13125262	C	0.0731
rs66583380	G	0.0524
rs11943099	A	0.0237
rs10213384	T	-0.0421

rs113134467	C	0.1052
rs76045431	A	0.0429
rs74574464	A	0.0436
rs115062083	C	-0.1636
rs1010540	G	-0.0932
rs10012592	A	-0.0759
rs34812996	G	-0.022
rs6855724	C	0.0213
rs7655537	G	0.0958
rs79486195	C	0.1016
rs7442007	T	-0.0356
rs72679051	T	-0.066
rs4863587	T	0.0368
rs828163	A	-0.0221
rs13123331	A	-0.028
rs11728305	G	0.0234
rs139290666	C	0.0748
rs62324666	A	0.0891
rs113189296	A	-0.0431
rs13149889	T	-0.0227
rs114524279	A	0.1304
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rs17361009	T	0.037
rs13115286	G	-0.0263
rs78941140	G	-0.1329
rs72670274	G	0.1323
rs2009469	A	0.024
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rs145984670	G	-0.1033
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rs10517064	C	-0.0242
rs138967120	G	0.1094
rs79000823	G	0.1364
rs73214843	T	0.0368
rs35850368	T	0.0346
rs13150809	T	-0.0235
rs138858857	T	0.1085
rs13112057	A	-0.049
rs139516106	G	0.104
rs148573755	A	0.1149
rs74906897	A	-0.0694
rs6852589	A	0.0477
rs580769	T	-0.0308
rs147543510	T	0.087
rs116168679	G	-0.0663
rs114334436	G	-0.084
rs17048646	A	0.0221

rs2289340	G	0.022
rs113296113	T	0.1366
rs72639797	T	0.0413
rs9993229	G	-0.0194
rs10010321	G	0.0391
rs2871272	A	0.0339
rs12649665	G	-0.0638
rs111482326	A	0.0426
rs79922110	G	0.1875
rs75415230	G	0.0519
rs72677717	G	-0.0653
rs10017061	A	-0.1006
rs2634971	C	0.029
rs28611030	G	0.0273
rs61791743	A	0.0275
rs72689110	G	-0.0772
rs79555315	T	-0.0447
rs34751092	A	0.022
rs7697381	T	-0.0278
rs144383546	G	0.1322
rs4527483	C	0.0233
rs1459556	T	0.03
rs9996103	G	-0.0227
rs75536008	A	-0.0458
rs7665776	C	-0.0573
rs1878491	T	-0.1067
rs114298925	T	0.1579
rs143728661	C	-0.0888
rs72718122	T	0.0455
rs115895037	A	-0.0937
rs17539130	G	-0.0508
rs10519900	A	0.0741
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rs112722102	G	-0.131
rs4956041	C	-0.0213
rs75219232	C	-0.0866
rs116682779	G	0.1272
rs876598	G	0.021
rs10017077	C	-0.0291
rs6818066	C	0.0285
rs75010467	G	0.1613
rs74411689	G	-0.1042
rs79154754	T	-0.0738
rs79194401	A	0.0713
rs7699951	T	0.0856
rs76676934	A	0.1001
rs10011717	A	0.0239

rs79942602	T	-0.0575
rs79165245	A	0.0494
rs7658410	T	0.0275
rs7690087	T	0.0217
rs56128684	T	0.098
rs7657197	G	0.0289
rs76169160	T	-0.0381
rs79075835	C	-0.0963
rs141952433	C	-0.0405
rs2290755	C	-0.0239
rs10857207	C	-0.0306
rs4410574	G	-0.0239
rs114334266	C	0.0739
rs73202837	T	-0.0493
rs17537997	A	0.0262
rs150859547	A	0.093
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rs78167655	T	0.0723
rs76410970	A	0.1066
rs113880057	A	0.0609
rs17488695	A	-0.0266
rs75381155	C	-0.1144
rs144696509	G	0.1694
rs17768776	T	-0.0448
rs35955650	T	0.0257
rs3775816	C	-0.0207
rs6535896	C	0.0213
rs278973	A	0.0203
rs7340876	T	0.0355
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rs2621452	G	-0.0277
rs12648311	T	0.0545
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rs2172496	A	-0.0219
rs74543784	T	0.0612
rs11725700	A	-0.0413
rs3805144	G	0.0207
rs79031013	C	-0.0667
rs114555129	C	0.1677
rs78181645	C	0.1016
rs1994298	T	0.0637
rs72618075	A	0.0846
rs116488883	A	0.0993
rs4916632	G	-0.0214
rs62341409	T	0.0931
rs112832158	G	-0.1089
rs2592978	G	0.0557

rs114328866	T	-0.0964
rs148861690	G	0.0978
rs270480	C	0.0208
rs1560486	G	0.025
rs113561697	T	0.0471
rs76357449	A	0.1104
rs75472032	G	0.0781
rs28634811	T	-0.1365
rs116239383	A	-0.0996
rs17026534	C	0.0202
rs73854812	C	0.1073
rs73800224	A	0.1391
rs55722939	C	0.1145
rs35433024	G	-0.0254
rs13121688	G	-0.03
rs7654426	T	0.134
rs17024264	C	0.0583
rs28515935	T	-0.0239
rs2686295	C	0.0199
rs11735554	A	0.0243
rs28463480	G	-0.0905
rs11726336	A	0.0291
rs12501856	C	0.0226
rs4301148	T	-0.0226
rs116029279	C	0.1093
rs488400	T	0.0233
rs79024417	A	-0.0583
rs114570140	T	-0.1582
rs67975415	G	0.0377
rs12645488	A	0.0625
rs148296440	G	-0.1379
rs11735172	T	0.0282
rs144574165	T	0.0753
rs55738732	G	-0.0274
rs79385086	C	-0.0958
rs1112686	A	-0.0221
rs6814709	C	-0.0202
rs80143944	A	-0.0692
rs28379256	G	0.1389
rs76717729	T	-0.1459
rs62313799	C	-0.1062
rs2292433	T	-0.0288
rs6820417	A	0.0225
rs11939375	A	-0.0239
rs71604908	A	0.0494
rs146803717	T	-0.0711
rs17084540	C	0.1013

rs116338908	A	-0.0988
rs115339319	C	-0.0546
rs73217587	T	0.0343
rs17051183	C	0.0225
rs61429592	C	0.0748
rs62351242	T	-0.0349
rs55661521	G	0.1488
rs12498245	A	-0.0426
rs4580631	T	-0.0206
rs149382633	T	0.0259
rs13110156	G	-0.038
rs62409277	A	0.0289
rs17640453	A	-0.0866
rs74497724	C	-0.1006
rs74557126	T	-0.033
rs11723420	C	-0.0212
rs13106683	T	0.0318
rs76243762	G	-0.0549
rs9999757	G	-0.0311
rs76788546	G	0.0838
rs2256587	A	0.0448
rs148554776	T	-0.1333
rs55687548	A	0.1121
rs62313243	G	0.053
rs923677	C	0.033
rs6842064	C	0.1266
rs10026490	G	0.0351
rs116227439	A	0.0619
rs116510109	T	-0.0574
rs79845237	C	0.09
rs148981445	T	-0.0964
rs34162576	A	0.0755
rs76193829	A	0.0851
rs1040084	A	0.0233
rs11721332	C	-0.0537
rs113166733	A	-0.1261
rs11573780	T	0.1021
rs72874818	G	0.0657
rs114578009	A	0.0943
rs76752285	G	-0.0394
rs115479403	T	0.0853
rs77431381	A	-0.0985
rs4689807	A	0.0212
rs111997729	T	-0.085
rs6840150	A	-0.0377
rs11725171	A	-0.1218
rs73240569	T	-0.0423

rs7695403	A	-0.0271
rs58604533	A	0.0539
rs11730648	G	-0.0265
rs62318569	C	-0.0958
rs115936402	A	0.1155
rs2279891	C	0.0251
rs899131	T	-0.036
rs11722554	A	-0.0541
rs115576150	G	0.0518
rs58901893	T	-0.0444
rs58629261	C	-0.0274
rs78318602	T	0.1615
rs79399769	T	-0.0933
rs28360741	A	-0.0844
rs11939274	T	-0.1134
rs111474331	T	0.1517
rs116428317	C	0.0912
rs2049156	A	0.02
rs146662821	A	-0.1574
rs13107698	T	0.0222
rs56223002	A	0.0587
rs28513339	T	0.0208
rs17165032	A	-0.0831
rs115593582	A	0.0659
rs28634779	A	-0.0291
rs57045379	C	0.0425
rs143829468	A	0.1693
rs75173924	C	0.0488
rs75759744	C	0.0655
rs17809148	C	-0.0489
rs111339102	T	0.0782
rs140467022	C	-0.1191
rs114443862	A	-0.1235
rs1447011	G	0.0329
rs72687497	G	0.0422
rs72698438	T	-0.0778
rs7672196	A	0.0651
rs34644612	A	-0.0716
rs115788768	A	0.0715
rs978429	A	0.0366
rs12509966	T	0.0803
rs62334857	G	0.0315
rs1846731	T	0.0302
rs61240636	A	-0.037
rs6853814	T	-0.0386
rs74504099	T	-0.0679
rs4147477	C	0.0201

rs77943388	T	0.1029
rs17068988	T	0.0636
rs62280087	C	-0.0323
rs4496542	T	-0.0193
rs12502465	A	0.0378
rs114503621	C	-0.0257
rs6532073	A	0.1257
rs61477625	G	0.0626
rs72693034	C	0.131
rs13111566	T	-0.0203
rs10006203	A	-0.0863
rs2585968	G	0.0841
rs908530	T	-0.0236
rs114684116	A	-0.1026
rs73237688	T	0.0878
rs4577595	G	0.0753
rs112908964	A	-0.0603
rs10017991	C	-0.0421
rs78865857	A	0.0825
rs62342222	A	-0.0797
rs2702530	C	0.0289
rs141237956	G	0.0801
rs71602313	T	-0.0722
rs75862319	C	-0.0544
rs13145274	C	0.0814
rs13133220	G	0.0212
rs2276893	C	0.0529
rs149606689	T	-0.0673
rs7673572	T	-0.0364
rs11735701	G	-0.053
rs73222935	C	-0.0702
rs11938809	T	-0.0628
rs11929962	A	-0.0565
rs2130298	A	-0.0874
rs59225705	T	-0.0309
rs61794076	A	0.0434
rs62319649	C	0.0227
rs76610628	T	0.058
rs55791713	C	0.0209
rs116464498	T	0.0802
rs77892408	G	-0.0759
rs74574391	C	-0.0662
rs7675053	G	0.1063
rs144440622	A	0.1276
rs7694506	T	0.0841
rs35398217	C	0.1651
rs148411509	T	-0.071

rs115290590	A	0.0836
rs6414635	T	-0.0226
rs13147693	A	-0.0224
rs34051606	G	-0.074
rs4833935	A	0.0314
rs17063303	C	-0.0191
rs77378548	A	0.1069
rs113305976	A	0.0218
rs68117725	G	0.0234
rs114204163	A	-0.1191
rs62351599	T	-0.091
rs62311671	G	0.0854
rs115533789	A	-0.081
rs78235511	G	0.0391
rs28523636	A	0.0224
rs28445114	T	0.0651
rs79738733	C	-0.0631
rs62320574	G	0.0491
rs142998600	G	0.1581
rs6851039	G	-0.0534
rs11737158	T	-0.0196
rs6536874	T	0.0258
rs116738717	C	-0.083
rs55811686	T	-0.0324
rs74880145	G	-0.0395
rs73223935	G	0.0552
rs62325460	C	0.0523
rs17048650	G	-0.0331
rs10034421	C	0.0528
rs142277984	T	0.0769
rs113728459	T	0.096
rs140573464	A	-0.1691
rs78851425	G	0.1009
rs114897129	A	-0.0783
rs4693611	T	-0.0301
rs150527235	T	0.051
rs113358295	A	0.1622
rs116102662	T	0.0687
rs111937132	C	0.0863
rs75011800	C	-0.0525
rs62301119	A	-0.0669
rs2404921	A	-0.0255
rs4234968	A	0.0264
rs78455940	T	-0.0664
rs116556352	T	0.0773
rs13128267	T	0.0215
rs62342965	T	-0.098

rs113222712	T	-0.0897
rs11941657	G	0.0244
rs60006639	A	0.0428
rs115686988	C	-0.0835
rs147159109	A	0.0793
rs116642292	C	-0.1351
rs12505611	G	0.0225
rs17258682	G	-0.0615
rs11133152	A	-0.0315
rs17468940	A	0.0514
rs12644119	A	0.0313
rs114373632	T	-0.135
rs7654671	A	-0.0199
rs60537365	A	0.0588
rs73022081	A	0.0264
rs111536741	A	-0.0842
rs283410	A	-0.0925
rs115097844	C	0.1172
rs9994862	T	-0.0222
rs74579510	C	0.0566
rs72663830	A	-0.054
rs2033613	G	0.0427
rs77454966	G	-0.124
rs12647559	G	0.0224
rs3792681	C	0.072
rs79651301	A	-0.0281
rs58827685	A	0.0367
rs76991849	A	0.0686
rs62295001	A	0.0506
rs76285360	G	0.0573
rs28673515	G	-0.0481
rs1514728	G	0.0204
rs6447118	G	-0.0263
rs62310886	A	-0.0385
rs2659510	A	-0.0204
rs1406641	C	-0.0233
rs10050337	G	-0.0422
rs56196411	T	0.0309
rs4539990	T	-0.0261
rs116208287	T	0.0448
rs142756762	G	0.1197
rs1542261	A	-0.0285
rs75429792	A	-0.0878
rs12501010	C	0.0385
rs149824934	T	-0.0574
rs73258060	A	0.0278
rs17441627	G	0.0725

rs13108270	A	-0.0288
rs1573843	T	-0.0319
rs28736332	C	0.0573
rs115594767	G	-0.1481
rs2165619	G	0.0664
rs13101559	A	0.022
rs12503379	A	-0.0215
rs76098644	C	-0.1023
rs4150035	C	0.0499
rs62312007	C	0.1101
rs13125812	T	0.0845
rs111537910	C	0.0891
rs7688139	T	0.0315
rs142734630	A	0.0908
rs55931011	A	0.0623
rs2120498	T	-0.0288
rs335286	G	-0.0201
rs114449462	A	-0.0624
rs6836143	A	-0.0551
rs115573588	G	-0.0709
rs62314599	G	0.0533
rs114212585	T	0.0366
rs7667432	C	-0.0297
rs79342946	T	-0.114
rs147484344	A	-0.0784
rs36000990	C	-0.0192
rs35206168	T	0.0543
rs1002439	T	-0.0205
rs79338780	C	0.1536
rs114170780	T	0.0896
rs74963858	G	-0.1241
rs17448633	A	-0.042
rs149409780	G	0.0779
rs111439066	C	-0.0438
rs142080341	A	-0.1457
rs28568288	C	0.0606
rs7680036	T	-0.0468
rs115034852	C	0.0899
rs17048542	C	-0.1248
rs6849337	C	-0.0281
rs6851647	C	0.0193
rs111571602	T	-0.0609
rs1492470	C	-0.024
rs76565407	T	0.0691
rs116801458	A	0.1139
rs115630250	A	-0.1289
rs4472157	C	-0.0199

rs10804987	C	-0.0407
rs78833821	T	0.1394
rs1039146	C	0.0267
rs17255303	C	-0.0644
rs17191048	A	-0.0918
rs149199270	C	0.1641
rs139653785	C	0.1061
rs6829128	T	-0.0206
rs76957229	T	0.0344
rs313564	T	-0.0223
rs56169308	T	-0.0576
rs149493374	T	0.0977
rs10002594	C	0.0228
rs147316988	T	-0.1035
rs77619131	G	0.079
rs75419995	C	0.0812
rs4689158	C	0.0207
rs76073468	C	-0.0525
rs144315424	A	0.0386
rs144252811	G	0.0923
rs55837486	T	-0.0546
rs17630216	A	0.0828
rs58529169	T	0.03
rs72976105	G	-0.1721
rs76458631	T	-0.0874
rs77326503	T	0.1043
rs72680497	G	-0.0507
rs10026451	A	0.021
rs78110169	C	0.0463
rs72691202	C	0.0663
rs62303610	A	0.0398
rs2443057	G	0.0212
rs79819583	A	-0.1482
rs147755990	A	0.0577
rs79394195	G	0.0343
rs7670648	A	0.0202
rs433201	A	0.0193
rs76945877	G	0.0878
rs76671931	T	-0.1175
rs1376086	G	-0.0318
rs1602667	C	-0.0434
rs150652586	G	0.1435
rs9998052	C	0.0372
rs11937871	T	0.0307
rs13120409	G	0.0222
rs148969132	T	0.1725
rs17487930	C	0.0461

rs17065565	T	0.0742
rs114539339	A	-0.0888
rs10516460	C	-0.065
rs6851558	A	0.0213
rs11733230	C	0.0205
rs145709019	A	0.1638
rs148765881	C	0.0941
rs6553097	T	-0.0538
rs2928304	C	-0.0194
rs147637599	T	-0.0876
rs4834119	A	0.0223
rs114694736	C	0.0804
rs72656974	T	0.0901
rs1552105	C	-0.0319
rs2194926	C	-0.0203
rs72690658	G	0.0764
rs34341188	C	0.025
rs116652834	T	-0.1584
rs56061958	A	0.035
rs2214402	G	0.0256
rs3864210	T	0.021
rs4438746	C	0.0223
rs9992412	G	-0.0252
rs17697588	C	0.0264
rs45616931	C	-0.0798
rs115664599	C	0.0511
rs74829079	G	-0.124
rs11941740	A	0.023
rs11721770	A	0.0785
rs7654297	A	-0.0297
rs13124650	A	0.1379
rs878956	G	-0.0198
rs35337326	T	0.095
rs11730263	T	-0.0812
rs11723499	G	0.1121
rs4540088	A	-0.0904
rs56795574	G	-0.0966
rs72678502	A	-0.0811
rs28687882	A	0.031
rs11728371	G	-0.1414
rs7693503	A	0.08
rs62317760	A	-0.1046
rs4444795	T	0.0271
rs13127143	G	0.0209
rs11939608	T	-0.0941
rs17463708	A	0.0283
rs13148902	G	-0.0454

rs74352298	G	0.0779
rs9997988	C	0.054
rs114572590	C	-0.1203
rs78832495	A	0.158
rs16891379	A	0.0527
rs34569114	C	-0.04
rs13144676	A	0.0254
rs113239086	A	0.1047
rs6848660	A	0.0229
rs76856084	T	-0.0694
rs79824697	G	-0.0276
rs1006003	G	0.0192
rs184285	G	-0.0232
rs13136502	G	-0.1145
rs116703833	G	-0.0868
rs115125317	C	0.1458
rs2306412	T	-0.0589
rs74855200	A	-0.067
rs112075780	T	-0.029
rs76574743	T	-0.0605
rs75426732	G	0.1288
rs2175443	A	-0.0347
rs17733721	C	0.0489
rs111843653	A	0.0921
rs28428833	C	0.0268
rs77771245	C	0.1159
rs4352485	A	0.0429
rs116011926	T	0.0814
rs11099389	A	0.0197
rs10029573	G	-0.0222
rs60232025	C	-0.0344
rs13101579	A	-0.0208
rs17351899	C	0.0336
rs72728208	G	0.0631
rs7663614	T	-0.0228
rs1470059	T	0.1382
rs55887857	C	-0.0227
rs12500557	A	-0.0216
rs148097984	A	0.0825
rs7684209	A	0.05
rs115405295	T	-0.1068
rs61796125	C	0.0211
rs2309342	A	0.0266
rs7656381	A	0.0229
rs1905564	A	0.0265
rs1099248	C	-0.1526
rs66526131	G	0.0486

rs6815754	T	0.0374
rs3135070	C	-0.0311
rs79062386	A	-0.0999
rs10938521	G	0.0402
rs67435512	T	0.0377
rs6819619	A	-0.026
rs13137269	A	0.0206
rs9070	C	-0.0252
rs58830700	G	-0.0693
rs954218	C	-0.0221
rs11941461	C	-0.0218
rs4132177	A	0.0494
rs13120287	C	-0.0221
rs115598515	T	0.1767
rs115189707	G	-0.1155
rs144523688	C	-0.0652
rs75371420	G	-0.0321
rs113399256	G	0.1359
rs9999681	T	0.0265
rs6825883	C	0.0449
rs4693450	C	0.0283
rs114539384	G	0.0755
rs112840733	G	-0.0446
rs115118552	G	0.0897
rs115910289	G	0.0828
rs76219047	T	-0.0627
rs13146588	A	0.0194
rs78230277	T	0.0917
rs116135781	T	0.1412
rs76535349	T	0.0502
rs62307373	T	0.0615
rs114679574	G	0.0946
rs72724337	G	-0.0786
rs62351244	G	0.0276
rs6817806	A	-0.0445
rs114388261	A	-0.1472
rs139749098	G	-0.0857
rs61744098	A	-0.0654
rs79534273	C	0.079
rs114784004	C	0.0997
rs3849604	T	0.0216
rs139498223	C	-0.0379
rs115472447	A	0.0667
rs79939782	C	-0.122
rs60731737	A	-0.0829
rs2412757	A	0.0204
rs4862228	A	-0.0295

rs77376871	A	-0.1024
rs62410023	T	0.1083
rs13110912	G	-0.0214
rs140183343	T	0.0763
rs75425028	G	0.0513
rs13109916	C	-0.0903
rs151145637	A	0.0708
rs10452248	C	-0.075
rs17635986	G	-0.0203
rs12646854	C	0.0189
rs115627470	A	0.1621
rs62314184	T	-0.0238
rs150079894	T	0.1046
rs113511672	T	0.1074
rs62311395	G	-0.0916
rs116308992	C	0.117
rs11097740	C	0.024
rs114286952	T	-0.0715
rs150778071	T	0.0822
rs115688564	C	0.0983
rs12644930	T	0.0787
rs1387050	C	-0.0193
rs79610715	A	0.0941
rs11724431	G	-0.0207
rs72722196	G	0.1362
rs4388064	T	0.0371
rs17668899	G	-0.0923
rs113400800	A	0.122
rs1985164	T	-0.0197
rs147353725	G	-0.1355
rs115556111	A	-0.0651
rs2590784	T	-0.0203
rs17767510	C	0.0281
rs73845391	A	0.0354
rs925656	C	0.0358
rs78079118	G	0.0582
rs35366068	C	0.1719
rs57991282	G	-0.0287
rs115782399	C	0.0697
rs12507537	A	0.0192
rs62318543	T	-0.0229
rs115227367	G	-0.0865
rs36061064	G	-0.0382
rs294505	A	-0.0268
rs10014767	C	0.0292
rs7662489	G	-0.0198
rs73223499	T	-0.0435

rs55789843	G	0.1035
rs56181973	C	0.0411
rs4466014	A	0.039
rs62410228	A	0.0341
rs115298919	C	-0.1507
rs75175161	A	-0.0733
rs35975487	G	-0.0566
rs11721353	C	-0.0204
rs112427340	G	0.1227
rs9986027	G	-0.1359
rs72737849	T	0.094
rs138929936	G	-0.0782
rs4405991	T	0.0306
rs13110250	C	0.0316
rs4974629	A	0.0201
rs13130854	G	-0.0206
rs7674887	G	-0.0694
rs145205764	G	-0.1099
rs28421288	A	0.0727
rs73225136	T	-0.0545
rs6820506	T	-0.0424
rs80324510	G	-0.0992
rs72639034	A	-0.1279
rs147171067	C	-0.0606
rs76587757	G	0.0575
rs6448196	G	-0.0192
rs114334287	A	-0.0681
rs78464538	A	-0.0537
rs265025	G	-0.0234
rs2726683	T	0.0327
rs4314247	G	-0.0187
rs10008238	C	0.0196
rs79029397	G	-0.0333
rs114359918	A	0.0569
rs10012492	T	-0.0261
rs706343	G	0.021
rs150523422	C	-0.0982
rs1465751	G	0.0637
rs71602035	T	-0.0328
rs10026631	C	-0.0639
rs79633596	C	-0.1205
rs55956757	C	0.0441
rs76699618	C	-0.1043
rs115070893	C	0.1497
rs10489083	T	-0.0193
rs77591659	A	0.0748
rs150065949	G	0.1667

rs2079894	G	-0.0242
rs2602120	T	0.0814
rs116118699	A	0.1137
rs977860	C	0.0827
rs62337940	T	0.0317
rs4689835	T	-0.0297
rs6821735	A	-0.0235
rs142565226	A	-0.093
rs150656544	T	0.1009
rs77264189	T	0.1458
rs11939583	A	0.0734
rs72646070	T	-0.0651
rs113480437	G	-0.1068
rs74939728	G	0.1335
rs7667177	T	-0.0192
rs1356514	G	0.0211
rs335084	G	-0.051
rs142757949	C	-0.08
rs1513952	A	-0.0258
rs1031595	A	-0.0237
rs56194147	G	-0.0446
rs67822064	T	0.0607
rs149522083	G	-0.0846
rs111655452	C	-0.0791
rs74874270	G	0.0443
rs6830891	T	-0.0306
rs74327628	G	-0.0568
rs1383228	C	-0.0357
rs151236880	T	-0.0637
rs77108213	T	-0.0355
rs10084886	C	0.0301
rs115470680	C	0.1152
rs2001305	G	0.019
rs6833514	C	0.0206
rs17013421	G	0.0226
rs72681338	A	-0.1103
rs6857550	G	0.0463
rs73214348	C	-0.0758
rs13115025	A	0.0515
rs72636959	G	-0.1277
rs72666942	A	-0.0566
rs2613170	T	0.0447
rs77159257	A	0.0526
rs17026700	C	0.044
rs12647431	C	-0.02
rs75592724	T	-0.0793
rs35612407	T	-0.1176

rs115374528	A	0.1502
rs75788323	T	0.1079
rs115507989	G	0.0331
rs35739496	A	-0.0522
rs62284812	T	-0.0248
rs113104877	C	0.096
rs73246011	A	-0.1481
rs77605772	G	0.0535
rs114111953	C	0.0635
rs17027526	C	0.1155
rs72726298	C	0.0347
rs78284674	A	0.0346
rs62332969	T	0.0995
rs62321885	T	0.033
rs1588967	G	-0.1108
rs7698689	G	-0.0203
rs59960817	G	-0.0742
rs6820133	C	-0.0993
rs159444	C	0.0817
rs55825558	A	-0.0308
rs149127210	A	-0.1057
rs112435957	A	0.0251
rs34067585	C	0.0258
rs1898324	C	0.0189
rs17075113	C	0.031
rs13119689	T	0.0186
rs12645554	T	0.0822
rs11546450	A	-0.0348
rs114143863	G	-0.0987
rs11946873	A	-0.1181
rs12498508	C	0.0212
rs35591475	A	0.0563
rs114083491	A	0.051
rs400763	T	-0.0196
rs77962265	T	0.0708
rs115080606	C	0.0417
rs78253905	A	-0.0477
rs2309626	A	-0.0239
rs141010832	C	0.053
rs139152418	A	-0.1379
rs62339737	A	0.0891
rs141982888	C	-0.1311
rs150193248	T	0.0859
rs62312884	G	0.0694
rs2452591	A	-0.0195
rs12509586	G	-0.0195
rs148890855	C	0.1608

rs139406136	C	0.1179
rs36059446	A	0.0199
rs74677647	G	0.0686
rs72653680	T	0.0955
rs10004557	A	0.0261
rs142429521	T	-0.1688
rs146861222	C	0.102
rs12498241	T	0.0668
rs7671704	A	0.0207
rs10022407	C	-0.02
rs35200430	G	0.0424
rs13151867	C	-0.0273
rs36014714	C	0.1337
rs2389690	T	0.0212
rs72713861	T	0.0394
rs78680256	G	0.0987
rs2068488	T	0.0943
rs61762849	A	-0.0521
rs9631774	G	-0.0199
rs2442019	C	0.1009
rs76508184	T	-0.0537
rs10034263	A	0.0244
rs116018132	G	0.162
rs17529000	T	0.0516
rs61796603	A	-0.0602
rs4426779	T	-0.0365
rs56289879	T	0.0803
rs1689004	C	0.0254
rs56229154	A	-0.1369
rs62334591	T	0.0223
rs12650051	A	0.0288
rs80145476	A	-0.0331
rs75221831	A	0.0816
rs16878217	G	0.0282
rs28495769	G	-0.0273
rs116171705	T	-0.114
rs75584663	T	0.0281
rs7677465	T	-0.0419
rs2276904	A	-0.0507
rs73818240	T	0.0558
rs4326075	C	0.0623
rs13140751	T	0.0688
rs13136010	T	0.0296
rs2612656	G	-0.0224
rs116313084	T	0.1084
rs71612840	A	0.0302
rs437530	T	0.0243

rs73249418	A	0.1447
rs13141296	G	0.0193
rs62314429	T	0.0235
rs80273141	A	0.102
rs115158632	C	-0.0956
rs76758848	C	0.1193
rs112196632	A	-0.0769
rs28804207	C	0.0485
rs1806768	T	0.0224
rs17652582	T	0.0224
rs17686351	C	0.0307
rs11132580	C	-0.0239
rs73259721	C	-0.0896
rs149501708	C	-0.1198
rs139975221	T	-0.1252
rs17739332	A	-0.034
rs13132531	T	-0.0246
rs79716344	C	0.0928
rs114965574	T	-0.1014
rs12506197	C	0.0262
rs150395797	G	0.051
rs112604509	T	-0.0907
rs6834791	A	0.0204
rs116058622	A	0.0937
rs34512170	C	-0.0309
rs62308410	A	-0.019
rs7669474	A	-0.0184
rs77349018	T	0.0354
rs6536017	A	-0.0199
rs78260306	T	0.1335
rs73818103	T	-0.0685
rs72710446	C	-0.044
rs74872429	T	0.0941
rs1460567	C	0.0198
rs62336600	C	-0.1063
rs4302509	G	-0.0409
rs116023377	C	0.1066
rs78472635	T	0.0469
rs75976015	A	0.1004
rs7692035	G	-0.0202
rs79166577	G	0.0325
rs56296558	T	0.0338
rs17012787	A	0.0813
rs10032622	T	-0.0416
rs55852247	T	0.0487
rs80091208	A	0.0478
rs113740646	A	0.0931

rs116585088	G	0.0669
rs74424014	C	0.0744
rs114177088	C	0.0925
rs79672884	T	0.1091
rs75760865	A	0.0516
rs12500841	A	0.0234
rs297292	G	0.0206
rs115235264	C	0.0421
rs28364609	C	-0.0346
rs3857113	T	0.023
rs114883936	G	-0.1432
rs73250791	G	0.1136
rs4519784	T	0.0298
rs114405827	G	0.0265
rs111819881	T	0.0751
rs4490471	G	-0.0309
rs11100616	T	0.0205
rs11731456	A	-0.0278
rs114327695	A	0.128
rs3846332	A	0.0586
rs75195573	C	0.0448
rs61686664	T	0.031
rs77038092	T	0.032
rs74652279	A	-0.0354
rs13145465	G	-0.0291
rs144742792	G	0.0857
rs3796846	C	-0.0224
rs116190319	G	0.1255
rs6831853	A	-0.0248
rs58961640	C	0.0199
rs17471302	T	-0.019
rs79106744	T	-0.0743
rs3822215	G	-0.0241
rs114173284	T	0.1358
rs114897951	A	0.1173
rs55787585	T	0.0312
rs16882260	A	0.0678
rs17814784	T	0.0732
rs74852132	A	-0.0853
rs115539961	A	0.0922
rs10517001	G	-0.0664
rs116629750	A	-0.095
rs77313982	A	0.0446
rs10005711	C	0.0311
rs73193399	C	-0.0525
rs116082064	T	0.1665
rs76646425	G	-0.112

rs114887765	A	-0.1304
rs10031186	C	-0.0422
rs9784538	A	0.0593
rs72697975	A	0.1039
rs2262359	T	-0.0194
rs7668986	T	0.0209
rs116159813	G	-0.0993
rs13143783	T	0.0328
rs9312388	G	-0.0484
rs112407985	A	0.1487
rs144998665	G	0.1385
rs7440933	G	0.0248
rs114256882	A	-0.1651
rs10011362	T	0.0429
rs34188989	T	0.0313
rs146662793	A	-0.0949
rs80271938	C	0.0746
rs116247853	G	-0.1209
rs11934907	T	-0.0201
rs78175781	T	-0.075
rs2704110	C	-0.0198
rs73856228	G	0.0731
rs28610389	T	-0.0254
rs67061931	G	0.0219
rs75309216	T	0.0582
rs11729269	G	0.0192
rs34007533	G	-0.0496
rs11099869	A	0.0291
rs35665609	G	-0.0201
rs6818751	G	0.0195
rs60618071	G	-0.0343
rs10009977	T	-0.1037
rs61660610	C	-0.0373
rs11937197	T	-0.0402
rs76111883	G	0.0786
rs10016210	G	-0.0563
rs6837148	G	-0.0746
rs3113012	G	0.099
rs1994412	G	-0.0251
rs7654046	G	0.0251
rs12646256	C	0.0937
rs74693356	T	-0.103
rs62317677	T	0.0643
rs80049894	T	0.0557
rs7672621	C	0.0421
rs13144120	T	-0.0961
rs13102404	C	-0.0188

rs12648146	T	-0.0213
rs4339281	G	-0.0269
rs4513513	A	0.0786
rs6836701	C	-0.0512
rs143523400	G	0.0837
rs11727052	G	0.0254
rs10010561	A	-0.0196
rs501522	T	0.058
rs151330944	A	-0.0706
rs17632423	A	-0.0219
rs16889667	A	0.0731
rs56149013	C	0.1265
rs16995383	G	-0.1244
rs79547910	G	0.1353
rs78490893	T	0.0869
rs6447569	G	0.0185
rs76676745	A	0.0466
rs116385953	T	0.0625
rs28705190	A	0.0218
rs76394528	A	-0.0719
rs141080507	T	-0.117
rs74737033	A	0.081
rs72888281	G	-0.0617
rs77059080	G	0.1204
rs77783363	G	-0.0575
rs11727977	T	-0.0292
rs4558873	G	0.0197
rs6811144	G	-0.0199
rs6848772	A	-0.0335
rs1060693	A	0.0187
rs10012401	T	-0.0616
rs146551863	C	0.1025
rs74666678	C	-0.1009
rs62282997	A	-0.0928
rs79266385	C	0.0743
rs4558863	C	-0.0238
rs76680208	T	0.1034
rs6448517	C	0.0751
rs10015266	G	0.036
rs17737016	A	0.1039
rs74371508	A	0.1291
rs7683957	A	0.022
rs12647572	T	0.0834
rs17351666	T	0.1256
rs308424	A	-0.0404
rs1025555	C	0.0225
rs66802818	C	0.0294

rs12504475	T	0.0209
rs17814234	G	0.0777
rs145233543	C	-0.0767
rs142769834	C	0.0693
rs11100492	C	0.0314
rs7664501	C	-0.0292
rs1458889	T	0.0503
rs870197	C	0.0212
rs139386137	G	-0.1526
rs12651562	G	0.0201
rs997412	G	0.0315
rs17490304	C	0.0686
rs72669682	A	0.1147
rs17010902	G	0.0416
rs77154235	T	0.1083
rs72697365	G	0.0772
rs146823227	T	-0.1606
rs11737062	G	-0.0233
rs143585449	C	0.0793
rs13112698	C	0.0371
rs145984873	C	-0.1351
rs72654623	C	0.1617
rs1508422	T	0.0219
rs28760520	C	-0.0265
rs6554190	A	0.0182
rs114961371	T	-0.0922
rs77152719	T	0.066
rs34372017	C	-0.0554
rs13127104	A	0.0567
rs2903395	A	0.036
rs72722173	G	-0.0718
rs72687725	T	-0.0959
rs10939031	A	0.0232
rs2704389	T	0.0487
rs7661051	A	0.0392
rs2128097	T	-0.0516
rs71604691	T	-0.0849
rs34838042	C	0.0802
rs7688580	T	0.0242
rs55944207	C	0.0753
rs139931400	A	0.135
rs1470716	G	0.0261
rs11099418	A	0.0199
rs906125	A	-0.0269
rs4306906	G	0.0188
rs2546577	A	0.0615
rs72712094	A	0.1156

rs6846731	G	-0.0475
rs78672340	A	0.059
rs72917659	T	-0.0476
rs80266665	T	-0.0766
rs939207	T	-0.0305
rs71603488	G	-0.0765
rs112748093	A	-0.2037
rs2648124	A	0.073
rs145975026	T	0.0807
rs743693	A	-0.0318
rs28580519	A	-0.0642
rs4835418	C	0.0396
rs34312804	T	0.085
rs1542554	A	-0.0407
rs80302652	C	0.0624
rs149029090	T	-0.1263
rs34400487	T	0.0212
rs77231062	C	-0.0399
rs62302033	A	0.0183
rs7674113	C	-0.0202
rs6823927	T	-0.0462
rs1518183	A	0.0208
rs72621833	G	-0.0247
rs1510799	T	-0.0262
rs143967042	C	0.0517
rs116050037	T	0.0937
rs10001641	T	-0.0665
rs10938299	T	-0.0205
rs11098760	C	0.0509
rs11099004	A	0.0197
rs1364836	T	0.0197
rs2197167	G	0.0262
rs80061841	T	0.026
rs140276522	T	0.0504
rs76263289	T	-0.0891
rs1863294	A	0.0318
rs115368227	A	-0.0528
rs115485579	T	0.0587
rs115540604	G	0.1038
rs73846082	T	-0.0358
rs114873615	C	0.0948
rs381765	T	0.0571
rs112370754	T	0.1219
rs138230556	A	0.0901
rs141891798	G	-0.1207
rs73072136	G	-0.0367
rs7659865	C	-0.0186

rs13133845	G	-0.0309
rs7440402	T	-0.022
rs73119784	C	-0.0477
rs111735386	C	0.0359
rs78529961	A	-0.0596
rs115889524	C	-0.0912
rs149954560	A	0.1355
rs28507886	T	0.0768
rs68068529	T	-0.0541
rs2121883	T	0.0327
rs16998228	C	0.0265
rs28525675	A	0.0185
rs1522569	G	-0.0236
rs13145427	T	0.027
rs142256529	G	0.0785
rs140166943	G	-0.1151
rs116146172	A	0.0655
rs73835043	A	0.1516
rs62350517	C	0.0423
rs28452425	A	-0.021
rs114948464	A	-0.0703
rs115572153	A	0.0899
rs76516682	G	0.0715
rs17505658	C	-0.0339
rs73017551	T	0.037
rs2074975	G	-0.0222
rs4634256	T	-0.0247
rs56997372	A	0.033
rs17280896	G	0.0342
rs17593172	G	0.0755
rs116245607	T	0.0554
rs3756153	C	-0.0281
rs4863172	A	-0.0195
rs80136556	T	0.0453
rs77580088	T	-0.0358
rs13136031	A	0.1316
rs2597788	A	-0.062
rs79901266	G	-0.057
rs11573039	G	0.0731
rs7676863	T	0.0254
rs116416850	T	0.0928
rs72726543	G	0.031
rs78139714	A	-0.0652
rs116099691	G	0.0966
rs11723487	T	-0.1551
rs4861499	G	-0.0208
rs72670626	C	-0.0439

rs9997120	T	-0.0218
rs116001704	A	0.1143
rs79132059	T	-0.0191
rs74844327	C	0.0474
rs111597024	G	0.1187
rs11940862	G	-0.0195
rs4519836	G	0.0204
rs2613179	C	-0.0289
rs78297632	T	-0.084
rs7684288	C	-0.0673
rs4241901	A	-0.0268
rs116262642	T	0.0804
rs12499191	G	0.0691
rs35099627	A	-0.0993
rs138485834	A	-0.0999
rs7682016	A	0.0705
rs2714545	T	-0.0485
rs4689676	A	-0.0194
rs116732595	C	0.0606
rs10007897	G	0.0209
rs72636148	G	0.0263
rs115156636	T	-0.0987
rs145133191	A	-0.1084
rs12512161	C	0.0818
rs7654792	C	-0.0198
rs12711088	A	0.021
rs115411470	A	-0.046
rs10034715	C	-0.0206
rs78325462	G	-0.07
rs9994177	A	0.0179
rs17069255	A	0.0827
rs140918687	C	-0.0581
rs35003803	G	-0.131
rs79400499	G	0.0748
rs1230163	G	0.0213
rs150062779	T	0.075
rs6834861	T	0.0588
rs1131140	T	-0.023
rs10517126	C	0.0514
rs111849203	A	0.0587
rs7671290	A	-0.0811
rs4697475	T	0.0256
rs13111963	A	0.0196
rs12641675	T	0.0192
rs10026174	T	-0.0634
rs1024035	A	0.0617
rs7675653	T	-0.0242

rs11942278	T	-0.0653
rs7683422	C	0.0832
rs149110644	A	-0.1034
rs114433610	T	-0.1474
rs12641680	T	0.021
rs72639825	C	0.1172
rs10019642	G	0.0205
rs10520453	C	-0.1269
rs10019253	A	0.0184
rs12512983	A	-0.0659
rs34276979	A	0.0211
rs7690556	A	-0.0358
rs6853859	T	0.0291
rs4697012	G	0.0201
rs1381966	T	0.0211
rs2280501	C	0.0309
rs80184316	T	-0.1354
rs62338059	T	0.0287
rs114871983	A	-0.0551
rs73222946	T	0.055
rs11131681	C	-0.0339
rs4694362	C	0.0192
rs28810485	T	0.1142
rs3853438	G	-0.0198
rs74702750	T	0.1215
rs16894737	C	0.0487
rs80137092	C	-0.0405
rs7695171	G	-0.0181
rs114144144	A	-0.0525
rs116642714	A	0.095
rs17600554	A	-0.0403
rs3113747	A	0.0209
rs13151287	C	0.0564
rs11724123	C	-0.0892
rs9762482	C	0.0459
rs35380414	A	-0.0282
rs11939842	C	-0.0309
rs34127101	T	0.0354
rs138951080	A	-0.0938
rs149782300	G	0.1007
rs114314740	T	0.0619
rs78927743	C	0.0246
rs6830757	T	0.0381
rs62351642	G	-0.0469
rs77316427	T	-0.0765
rs73245550	T	-0.0832
rs13102282	C	0.0472

rs115609102	A	-0.0691
rs17828794	C	0.0963
rs13118207	C	-0.115
rs12507263	A	0.0614
rs116536232	G	-0.1513
rs62315037	C	0.0448
rs6851803	G	-0.0265
rs150692493	C	0.1181
rs148237995	G	0.0869
rs6838517	A	-0.0212
rs145800431	A	-0.0996
rs73192310	G	0.0321
rs141568002	G	0.0483
rs73113838	A	-0.0342
rs76921091	A	-0.0593
rs7679527	G	-0.0183
rs151034609	A	0.0819
rs7656736	A	-0.0514
rs62336857	G	-0.0755
rs143124695	T	0.128
rs2618961	A	-0.0334
rs150989209	T	-0.0823
rs139859855	G	0.055
rs142403039	G	-0.0644
rs72673079	C	-0.1012
rs6846587	T	0.0264
rs4460045	G	-0.0294
rs78759284	C	0.062
rs17083558	G	-0.0184
rs145762985	G	-0.1293
rs17625509	G	-0.0624
rs473695	T	0.0189
rs35940422	T	0.0238
rs6821455	T	-0.0325
rs4862199	T	0.0347
rs79869486	T	0.0629
rs76423981	C	-0.0301
rs144583793	G	0.0802
rs143195050	T	0.0732
rs149830730	T	0.0689
rs149294670	T	0.0732
rs61795017	T	-0.0192
rs79185536	A	-0.0804
rs73240475	T	-0.0905
rs11097498	T	-0.0199
rs4694020	T	-0.0744
rs12642413	G	0.0306

rs57638087	T	0.0395
rs75114477	C	-0.1036
rs2079134	G	0.0207
rs73088582	G	-0.0641
rs12648141	G	0.0602
rs2127818	C	0.0202
rs80127881	G	-0.0683
rs115116065	C	0.081
rs73240521	A	-0.0921
rs75358352	A	-0.0331
rs7658572	A	0.0237
rs77091916	A	0.1068
rs73808637	C	-0.1272
rs6536942	G	0.0275
rs10520448	T	-0.0598
rs10939653	C	-0.0189
rs280100	C	0.0851
rs114125108	A	-0.0695
rs2703133	G	0.0255
rs62316215	A	-0.0251
rs1871584	A	-0.0175
rs56013305	T	-0.0453
rs9307787	C	-0.0206
rs116651700	G	-0.1129
rs35496730	T	-0.0253
rs73237930	G	0.0329
rs71622956	G	-0.0672
rs116757365	T	-0.0894
rs17861849	T	0.0202
rs11736725	A	0.0182
rs4862782	C	-0.0244
rs73232531	T	-0.0618
rs2687963	G	0.0195
rs62299383	G	0.0948
rs7688268	A	0.0204
rs3756186	T	0.0181
rs75748700	G	-0.069
rs67253259	A	-0.0308
rs146650933	T	0.043
rs140937983	A	0.161
rs116785739	A	-0.1329
rs4032983	T	-0.1387
rs17231034	A	0.0852
rs116160883	T	-0.0949
rs115568656	T	0.0719
rs56302455	T	0.0821
rs115144945	T	0.0813

rs115380427	G	0.0387
rs13128336	G	0.0193
rs34129881	G	0.1067
rs28368392	A	0.0208
rs137979949	G	0.1263
rs4688973	G	-0.0322
rs139469223	T	0.0773
rs74933352	C	0.051
rs13111872	A	0.0338
rs78346275	C	-0.1268
rs115791512	A	-0.0727
rs7661725	C	0.0202
rs17609346	C	0.0456
rs28512482	C	0.0275
rs35532933	G	0.031
rs1567594	A	-0.0261
rs72716820	A	0.1502
rs62297681	T	0.0339
rs115615318	A	-0.0722
rs115976420	T	0.0539
rs114776539	A	0.1007
rs4295221	T	0.0197
rs4432699	T	0.0227
rs79703485	A	0.1102
rs17009618	C	-0.0276
rs2068079	T	-0.0284
rs11732711	C	-0.0194
rs74288926	T	0.0467
rs72694103	A	-0.0454
rs77319576	G	0.0675
rs79474847	C	0.0488
rs79772731	T	-0.0471
rs56042973	T	-0.1587
rs2688225	G	-0.0567
rs56748807	A	0.1257
rs142858132	A	0.0757
rs116470534	A	-0.1456
rs13151215	C	0.0214
rs17081300	G	0.0623
rs72702424	C	0.0282
rs35097334	C	0.031
rs1364831	G	-0.0214
rs146161385	A	0.0757
rs59090726	G	0.0679
rs72668798	A	-0.1091
rs116804077	C	0.081
rs56323618	A	-0.0215

rs7660793	C	0.0177
rs72633395	T	-0.1121
rs11728128	A	-0.0857
rs430976	C	0.0251
rs13109974	T	0.0485
rs139896966	T	-0.0986
rs1604737	C	0.0899
rs145216621	A	-0.0758
rs977574	G	-0.0346
rs56123507	C	0.1273
rs4450884	T	0.0186
rs3133176	T	0.0197
rs5344	G	0.0797
rs114083773	A	0.0599
rs12642775	T	-0.0652
rs6536996	T	0.0233
rs72696745	T	-0.025
rs11732815	G	0.0342
rs114017765	A	-0.0288
rs2611829	G	-0.0186
rs116371099	T	-0.1199
rs56840580	C	0.0312
rs146774422	T	0.1034
rs149514363	A	0.0664
rs143183114	T	0.1191
rs17481647	C	0.0323
rs72870136	T	-0.0315
rs75702439	C	0.0701
rs73878293	C	0.0803
rs116069820	A	0.0987
rs60669431	T	-0.0385
rs34465541	C	0.0316
rs144242331	A	-0.0874
rs6821326	C	0.1386
rs140355511	T	-0.0691
rs78149732	C	0.0852
rs75260424	A	-0.0302
rs73833889	T	0.0198
rs139216210	A	0.0919
rs146538798	C	0.0566
rs7679998	G	0.0558
rs113322707	A	0.0923
rs3775375	T	-0.0512
rs7669745	T	0.023
rs146541178	A	-0.1243
rs6850637	G	-0.0177
rs7660832	G	-0.0223

rs150070267	T	0.0898
rs111345550	G	0.0384
rs4692457	G	0.0316
rs28412182	G	0.0569
rs4252935	A	-0.0556
rs4272001	T	0.0331
rs10000249	T	-0.0224
rs113787602	C	0.0177
rs145561667	A	0.0849
rs7663958	C	0.0317
rs115784968	G	-0.0756
rs141441692	T	-0.0629
rs2535515	T	0.0492
rs7655783	C	-0.0327
rs111642982	T	-0.0263
rs148339769	G	0.117
rs6448326	G	0.0237
rs1548186	C	0.0277
rs114628823	G	-0.1068
rs80221109	A	0.0302
rs10023075	T	0.0184
rs9312672	C	0.0202
rs13130398	A	0.0216
rs77163726	C	-0.062
rs17732955	T	0.0195
rs12233744	T	0.0194
rs115389548	G	0.0574
rs7677147	C	0.0239
rs7697733	T	0.0377
rs76613613	A	-0.0552
rs6822552	T	0.0282
rs62318544	C	0.0814
rs314102	A	0.0205
rs77343051	A	0.0931
rs113147951	C	0.1163
rs17286011	T	0.0821
rs7672922	G	-0.0276
rs150495363	C	-0.0878
rs78172209	A	-0.0368
rs11939588	A	0.0204
rs62323974	T	0.1153
rs28515689	G	0.0437
rs2575625	T	0.0208
rs147291386	A	-0.0632
rs2090384	G	0.0684
rs6842325	T	0.0272
rs75244067	T	-0.0689

rs72697823	G	0.0479
rs13143455	T	-0.0567
rs11936468	C	0.0191
rs116740572	C	-0.139
rs60373266	C	0.0758
rs75339726	C	0.0844
rs62289317	T	0.0219
rs2048961	T	-0.0177
rs34096868	C	0.0698
rs79730842	G	0.0889
rs149797950	G	0.0766
rs35642757	C	-0.0254
rs72681098	C	0.099
rs143636453	C	0.0889
rs11721883	A	0.0226
rs113869900	A	-0.1655
rs150354141	C	0.0787
rs6446645	C	-0.0212
rs116679185	A	-0.1028
rs17700324	T	-0.0504
rs57028884	C	-0.0269
rs9312512	G	0.0426
rs13111701	C	-0.0555
rs12647309	T	-0.1024
rs77028321	G	-0.0369
rs116003576	T	0.0547
rs2375873	A	-0.0296
rs79206055	A	-0.1022
rs12641147	G	0.0904
rs28472816	C	-0.0241
rs56013138	C	-0.1022
rs140824487	C	-0.1154
rs111561412	T	0.0395
rs73126887	C	-0.074
rs17637290	G	0.0217
rs72662278	A	0.0287
rs139605181	T	0.0829
rs111914227	C	-0.1304
rs2333084	T	-0.0303
rs76898677	A	0.1014
rs12502812	T	0.0409
rs17083254	T	0.0393
rs7659406	C	-0.0208
rs147482715	G	0.1001
rs12152620	T	-0.0278
rs138912720	G	0.1131
rs11942536	A	-0.0233

rs4864332	C	-0.0798
rs11735275	C	-0.0345
rs78850833	A	0.0539
rs148268602	G	-0.0283
rs9998677	C	-0.0207
rs17697515	T	0.0378
rs114086305	G	0.1373
rs1473193	G	-0.0186
rs56092627	G	0.0221
rs72922850	G	0.0742
rs115215018	T	0.0876
rs76242882	G	-0.0388
rs75562398	T	-0.0797
rs17830325	A	0.0303
rs17018291	C	0.096
rs72705626	T	0.0585
rs2322183	T	0.0199
rs2877951	A	0.0231
rs150601513	A	0.1185
rs75399632	C	0.0748
rs12503941	A	-0.0196
rs17029494	A	-0.0279
rs72997294	A	0.0769
rs114467450	C	0.0673
rs56298023	T	0.0611
rs76946739	G	0.0793
rs73814056	G	-0.0829
rs34094094	A	0.0398
rs2012275	T	0.0213
rs317873	G	0.0212
rs116050889	A	0.0681
rs75748353	G	-0.0758
rs62328291	T	-0.0603
rs58725309	G	-0.061
rs71605957	A	-0.0976
rs73124766	C	0.0317
rs117111501	G	-0.0964
rs975065	A	-0.0275
rs62291197	T	0.0413
rs12330929	T	0.0539
rs60360952	C	0.0394
rs116785665	A	-0.0729
rs72714115	C	0.0267
rs62287840	G	-0.0296
rs150902126	A	0.0916
rs11938823	G	0.0246
rs10017416	G	0.0377

rs78936067	G	0.1455
rs4689545	T	0.0188
rs115633395	G	0.0908
rs76239570	C	0.1205
rs10002528	T	-0.0173
rs72895785	T	-0.0285
rs62322676	G	-0.0448
rs4101100	A	0.0321
rs146005304	A	0.0726
rs6846375	C	-0.1005
rs138855450	A	-0.1112
rs17451271	C	-0.0389
rs79677726	G	-0.0904
rs6836982	A	-0.0204
rs77409755	C	-0.0573
rs59126959	A	0.139
rs17011286	G	0.0509
rs28787443	C	-0.0328
rs76210949	T	-0.0709
rs1037149	T	-0.0201
rs4975307	C	-0.0424
rs78943600	G	0.0243
rs116433705	T	-0.1115
rs56395606	G	0.0839
rs28378398	A	-0.0326
rs7664005	T	-0.0209
rs72663597	G	-0.109
rs2866892	C	0.035
rs17510384	C	-0.0365
rs2595110	G	0.0196
rs34561353	T	0.0394
rs7693913	T	0.02
rs2169648	T	0.0581
rs76236753	T	-0.0934
rs6824640	C	0.0188
rs75576785	T	0.0483
rs2405180	C	-0.019
rs77673305	C	0.107
rs3774878	C	-0.0629
rs1864363	C	0.0228
rs11723277	T	-0.1019
rs17676882	A	-0.0207
rs115516128	G	-0.0579
rs77267045	G	0.029
rs149700458	A	-0.0741
rs1713957	A	-0.018
rs140341503	C	0.0819

rs144792458	A	0.0877
rs79607337	T	-0.0619
rs78721623	A	0.0586
rs111430944	G	-0.0639
rs17258176	G	-0.0258
rs75839546	A	0.0869
rs143803349	A	-0.1295
rs17862021	G	-0.0855
rs114025797	C	0.0733
rs114285349	C	-0.0815
rs73189445	A	0.0231
rs79393737	C	0.0822
rs4253400	T	-0.0779
rs11729970	C	-0.0184
rs146371515	A	-0.1206
rs76593009	A	-0.0911
rs10010171	G	-0.0517
rs75643149	G	-0.1483
rs7682949	G	0.0202
rs116262290	T	0.0495
rs150449035	A	-0.0914
rs12506810	A	-0.0187
rs13110022	G	0.0229
rs77634709	C	0.0537
rs150032127	T	0.0643
rs56218836	C	-0.0219
rs7688327	T	0.0438
rs115088666	T	-0.1426
rs115304316	A	-0.0743
rs629782	A	0.0238
rs13148597	T	-0.0403
rs73083544	T	0.0405
rs57940528	A	-0.0353
rs115638934	G	0.0518
rs112329387	G	0.065
rs4833962	C	-0.0173
rs62320240	T	0.0472
rs146087803	A	-0.0294
rs11736883	G	-0.0299
rs111753421	C	-0.1235
rs13111238	T	-0.0683
rs114918353	A	0.1257
rs1026884	C	-0.0195
rs62300832	G	0.0573
rs115480587	G	0.0688
rs13135477	T	0.0443
rs11099205	A	0.0175

rs28891714	G	-0.0213
rs142806363	G	0.1155
rs243976	C	0.0181
rs115275192	C	0.0762
rs4861652	T	-0.1126
rs28758694	C	-0.0305
rs1817186	A	-0.0322
rs9306924	C	-0.021
rs111284823	T	0.0758
rs28528979	G	-0.0362
rs72862090	T	-0.0352
rs75448331	C	0.1145
rs10033034	A	0.0187
rs114769288	T	0.0795
rs4956065	A	0.1655
rs74729461	T	-0.168
rs73872908	G	0.0257
rs75629180	T	-0.0247
rs16870534	G	-0.0258
rs56167410	T	0.0497
rs17045555	G	0.0291
rs1610224	A	0.0223
rs115832704	T	0.0675
rs72706655	A	0.0601
rs146874816	A	-0.0573
rs116075308	A	-0.1722
rs2728146	T	0.0918
rs12512132	C	-0.0477
rs4420983	A	0.021
rs2324649	T	0.0204
rs3864227	C	0.0235
rs111763110	T	0.0518
rs118191652	C	0.0873
rs408058	T	0.0236
rs6832084	C	0.1431
rs140046747	A	-0.0498
rs112157295	C	-0.0219
rs145963457	A	0.0599
rs142384551	G	0.0619
rs6447512	G	-0.0202
rs75229785	A	0.0747
rs4696925	G	0.0213
rs72665551	G	0.0387
rs116280476	T	0.0515
rs13101397	T	0.1193
rs75306532	G	-0.1238
rs4690104	T	-0.0216

rs1492767	C	0.0177
rs148180009	T	0.1207
rs116727571	T	0.0995
rs1277305	G	0.0183
rs57152879	A	0.0536
rs13127137	G	-0.0261
rs114277196	G	-0.0925
rs13123702	G	0.0198
rs2723296	G	0.0185
rs17051003	A	0.0182
rs9799697	A	0.0514
rs115957254	G	-0.0969
rs11722580	C	0.0215
rs73200137	T	-0.0343
rs17237364	T	0.0519
rs17041245	T	0.0191
rs3796891	G	-0.0218
rs6814097	G	0.0206
rs6446747	T	0.0904
rs73242635	A	-0.0518
rs73204734	T	-0.1084
rs7698838	C	-0.0416
rs114744942	T	-0.2027
rs7671099	T	-0.0369
rs7695352	T	-0.0238
rs62298210	T	-0.0402
rs1875743	G	0.0431
rs11942054	A	0.0277
rs76630903	T	-0.0345
rs80121626	T	0.1098
rs139338449	A	0.1141
rs114460528	A	0.0555
rs72673193	A	0.0264
rs116246190	G	0.077
rs28470306	T	-0.0211
rs114275837	T	0.0364
rs17472994	G	-0.0264
rs62334071	T	-0.057
rs4862695	G	-0.0184
rs75678017	T	0.0913
rs35139430	G	0.0231
rs62331150	T	0.0221
rs77227790	C	0.1469
rs73845745	G	0.0269
rs56104194	G	-0.035
rs76854428	T	0.1186
rs1375737	C	-0.0553

rs9999140	T	0.067
rs1914900	A	-0.0578
rs681601	C	-0.073
rs11729442	C	-0.0486
rs1709422	C	0.0181
rs12642505	C	-0.027
rs17192483	T	0.0184
rs150109896	A	-0.1138
rs111860188	C	-0.0621
rs150424338	C	-0.0803
rs78448286	A	-0.0744
rs146568741	T	-0.1067
rs141835762	G	0.0945
rs115874876	T	-0.1695
rs76932175	A	0.1062
rs147317244	G	-0.0299
rs79336842	A	0.0918
rs28537204	C	0.0364
rs112056750	G	-0.0965
rs28635242	C	0.1191
rs7694906	G	0.0183
rs66540772	T	-0.118
rs144751590	G	0.0582
rs34022607	G	0.074
rs112637855	T	-0.1114
rs35951443	A	-0.0177
rs148731967	G	0.0606
rs1849074	G	0.024
rs706332	A	-0.058
rs12645396	A	0.1119
rs80303897	T	-0.1043
rs6824103	G	-0.0238
rs62335336	T	0.0201
rs10018540	A	-0.0214
rs28545420	T	0.065
rs7661552	A	0.0312
rs73805625	A	0.0905
rs12648727	G	-0.0436
rs12508444	C	-0.0231
rs76238520	C	-0.1194
rs72731873	A	0.0728
rs115856539	G	0.1606
rs72645845	G	-0.1276
rs116022152	C	0.1676
rs74811444	A	0.1321
rs9790805	G	0.0243
rs57907287	C	0.0259

rs3806777	T	-0.0218
rs12500125	A	0.0179
rs2675526	T	0.0828
rs62289947	T	-0.1101
rs143595293	C	0.0241
rs1508421	T	0.0199
rs9993383	C	-0.0173
rs143868258	A	0.0906
rs78318043	G	-0.0809
rs2973285	C	-0.0208
rs80291325	C	0.0321
rs116832617	G	0.0813
rs151229257	C	0.0776
rs28406249	G	0.019
rs116264298	C	0.1235
rs114761399	G	-0.1091
rs73854504	T	-0.0308
rs75493120	A	-0.0375
rs56803036	T	-0.02
rs114899964	G	-0.0617
rs1504869	A	0.0179
rs62292093	C	0.0909
rs61762827	A	-0.1337
rs1304931	C	-0.0672
rs17005518	C	0.0278
rs78993314	G	-0.1072
rs72727923	A	0.1117
rs113488298	T	-0.0398
rs149233886	G	0.1515
rs4543192	A	0.018
rs115698220	A	-0.0635
rs62334712	G	-0.0448
rs71615241	A	-0.0339
rs17487246	A	0.041
rs4340826	G	0.0289
rs150583629	C	0.0911
rs143328170	A	0.0718
rs62312998	T	-0.0185
rs78234133	C	-0.0989
rs6845230	C	-0.019
rs340185	G	0.018
rs115743223	T	-0.1154
rs113719637	G	0.0808
rs116032528	T	-0.0946
rs17766393	G	-0.0676
rs114798554	G	0.1299
rs13120956	T	-0.0451

rs17007366	A	0.0318
rs72687164	G	-0.0263
rs7682765	C	-0.0399
rs116452293	C	0.052
rs6823628	G	-0.0222
rs77673752	G	0.0675
rs2612988	A	0.0195
rs17509136	A	-0.0265
rs13150058	T	0.0183
rs1558511	A	0.0175
rs149732478	T	-0.089
rs646863	A	-0.0262
rs11947262	G	0.0233
rs77285144	T	-0.0901
rs114113030	A	0.1609
rs968600	G	0.03
rs80141833	G	0.0388
rs6813035	G	-0.047
rs13148220	A	-0.0208
rs34369701	A	-0.0391
rs72956780	T	0.0438
rs72637529	C	0.1276
rs76955036	C	-0.0802
rs11944679	C	0.027
rs115463680	C	-0.0423
rs17053742	A	0.0211
rs75655568	C	-0.0618
rs146153406	T	-0.1141
rs4563558	C	-0.0295
rs13434505	G	-0.0709
rs2071679	T	0.0221
rs10938323	A	0.0257
rs35378577	T	0.0787
rs4631046	G	0.0468
rs149336784	C	-0.0949
rs72693446	A	-0.0572
rs35926907	A	0.035
rs4401489	G	0.0174
rs74521532	A	0.0386
rs76620764	C	-0.078
rs59151896	A	0.022
rs76183118	A	0.0653
rs143058113	A	-0.1195
rs147098026	A	-0.1287
rs112789007	G	-0.1184
rs4580643	C	-0.0191
rs76795226	A	0.0901

rs10000006	C	-0.0507
rs10002028	T	0.0176
rs115110546	G	0.0623
rs76509948	C	-0.0712
rs7694466	T	-0.0487
rs41280471	G	0.0406
rs55833593	A	-0.073
rs62295967	A	-0.1191
rs13103728	T	0.0258
rs138869479	A	0.0953
rs6825057	T	-0.0252
rs10008912	G	-0.0318
rs114393161	G	0.0795
rs80027700	T	-0.063
rs76562134	A	0.0895
rs35423634	C	-0.0397
rs4698147	G	-0.0337
rs72681452	C	-0.1343
rs146946301	G	-0.0676
rs6822222	T	0.028
rs35467587	T	-0.0897
rs2359010	A	-0.0293
rs10517441	T	0.0339
rs62308204	T	0.0607
rs80110005	G	-0.0933
rs11732224	T	-0.0485
rs13137121	G	-0.0195
rs35309849	T	-0.024
rs73198536	A	0.0695
rs61650368	T	-0.0434
rs10000235	A	-0.033
rs58905377	T	-0.0737
rs12502686	T	0.0307
rs10009243	T	0.0442
rs17418297	C	0.025
rs77807961	A	-0.1438
rs75653107	T	-0.0597
rs28643370	T	-0.0651
rs72706347	G	0.0338
rs79705638	T	0.0884
rs150364158	T	-0.0319
rs4283724	G	0.0513
rs76050674	A	0.0347
rs7660424	G	0.0454
rs59070594	C	0.0563
rs2904163	G	-0.0408
rs4861752	T	-0.0319

rs113749424	T	0.0795
rs80073197	A	-0.029
rs77995509	T	0.0258
rs74324359	C	0.0467
rs138286308	C	0.1079
rs17813612	C	-0.0183
rs75367164	G	-0.0387
rs11930897	A	0.0524
rs2000814	T	0.0389
rs313938	C	0.0497
rs72709781	C	0.0466
rs6840383	A	-0.0176
rs207338	A	-0.0167
rs1867610	A	0.0288
rs10029176	T	-0.0176
rs77115848	T	0.0976
rs2090869	G	-0.0263
rs7663214	T	0.0228
rs2635336	A	0.0431
rs13151207	A	-0.0805
rs223973	G	0.0359
rs141890514	G	-0.0716
rs4464630	T	-0.0376
rs17037525	C	-0.0222
rs74716047	A	0.069
rs112460500	G	0.0367
rs13120754	C	-0.0764
rs1216405	C	0.0176
rs6845302	G	-0.0172
rs342313	A	-0.0233
rs116800166	T	-0.089
rs116712890	A	0.1124
rs2125489	A	-0.0284
rs12513266	A	-0.0403
rs2970853	A	0.019
rs10020711	A	-0.0206
rs2313431	A	0.0628
rs62321988	C	-0.0547
rs13108149	G	0.0269
rs59066743	A	-0.0268
rs144178893	G	0.1699
rs77903199	T	-0.0964
rs149889062	C	0.0898
rs111352675	A	0.0755
rs57331171	T	0.019
rs141144853	A	0.0957
rs7675302	T	0.0177

rs8192096	A	-0.092
rs73198000	C	-0.0865
rs114367588	A	0.0963
rs73252562	T	0.1238
rs116720817	T	0.0634
rs12503711	C	-0.0175
rs17263910	T	-0.0201
rs139271815	T	-0.1014
rs146229939	T	0.0774
rs4642308	G	-0.0233
rs139511855	G	0.1338
rs9998000	C	-0.0711
rs2292091	A	0.0185
rs79386983	G	-0.0951
rs7683606	G	0.0381
rs143249802	C	0.0327
rs56169343	T	0.0291
rs62324465	C	-0.0265
rs13139663	T	0.0229
rs75974304	A	-0.0564
rs77022574	G	-0.0515
rs4129565	T	0.0219
rs62409685	T	-0.0512
rs1355512	A	-0.0227
rs17085830	A	-0.0429
rs12499903	A	-0.032
rs115465492	T	-0.0845
rs12500586	G	-0.0168
rs116410397	T	0.1023
rs2126271	C	0.0225
rs1485453	G	-0.0221
rs327083	T	-0.0391
rs2333653	C	-0.0242
rs114885209	G	0.079
rs17041965	A	-0.0176
rs12647353	C	0.0922
rs11132033	T	0.0324
rs17487517	G	-0.0404
rs112324560	T	0.133
rs114728265	A	0.0817
rs147184699	C	-0.1023
rs8191998	T	-0.0267
rs144591835	G	0.0645
rs116536885	C	-0.073
rs9790534	T	0.0318
rs76814271	T	-0.0936
rs1072389	T	0.0182

rs145314090	G	-0.0736
rs6448303	T	-0.0197
rs4862267	A	0.0233
rs10461118	A	-0.0316
rs77811360	G	0.1223
rs6532473	C	0.0216
rs1380631	T	0.0173
rs28594115	A	0.0256
rs145536823	A	-0.0707
rs149272296	C	0.0669
rs114663572	T	-0.0811
rs7663604	G	-0.0599
rs6821801	G	-0.0275
rs114383878	A	-0.0751
rs6821967	A	-0.0288
rs9312664	G	0.0177
rs112230012	T	-0.0395
rs149752652	G	0.0483
rs2462871	A	-0.0234
rs77541701	T	0.0768
rs966553	T	-0.0206
rs34684846	A	0.0357
rs55798019	C	0.0548
rs11723493	C	0.0171
rs7655200	T	0.0239
rs4458420	T	-0.0178
rs4699481	A	-0.0167
rs13115934	C	0.0178
rs12650992	T	0.0207
rs10517653	T	0.0244
rs11730865	T	0.0281
rs116185915	G	-0.0986
rs115339871	G	-0.0824
rs6841856	G	0.0809
rs150491299	G	-0.1165
rs1982498	C	0.021
rs138841332	C	-0.0957
rs75238012	A	-0.0977
rs114125695	C	-0.0698
rs4833239	T	-0.0185
rs78072618	C	0.1015
rs6824565	A	0.0756
rs75764336	G	0.0466
rs62305806	T	0.1332
rs1507497	C	0.0242
rs73146318	T	0.0207
rs12641457	A	-0.0188

rs142828929	A	0.0825
rs4075071	G	-0.0259
rs6813949	T	0.0373
rs1389331	C	0.0176
rs72724400	G	-0.0805
rs144404539	A	0.0938
rs4536962	G	0.025
rs13133011	C	-0.0712
rs28855728	A	-0.024
rs794019	G	-0.0169
rs244018	C	0.0217
rs296996	A	-0.0888
rs17445088	C	0.0498
rs13106243	C	0.0272
rs60685333	A	-0.017
rs13134207	T	0.0172
rs17050634	C	0.0494
rs35884817	C	-0.0192
rs1877095	T	0.0209
rs17577083	T	0.0798
rs75853019	A	-0.0771
rs6824182	C	0.0296
rs78905541	A	-0.0976
rs12645433	C	0.0217
rs11728554	C	-0.0203
rs6852071	T	0.0214
rs9291207	C	0.0176
rs55714210	T	0.1221
rs62321069	G	-0.0353
rs74641048	C	0.0596
rs79345521	C	0.0571
rs116212522	T	0.0898
rs13126470	T	0.0204
rs62298328	C	-0.0167
rs75294740	A	0.0818
rs72681428	T	0.04
rs4864279	G	0.0172
rs28592051	T	-0.0484
rs72704807	T	0.094
rs142660304	G	-0.1081
rs112625208	A	0.0589
rs17465339	T	0.117
rs114258356	T	-0.0851
rs1878538	A	0.0376
rs76560246	A	0.051
rs10488937	T	0.0278
rs11096914	C	0.0199

rs147846394	G	0.1049
rs11099694	G	0.0176
rs7687999	G	0.0169
rs71601479	T	-0.0587
rs113035999	A	-0.0266
rs6832192	A	-0.1204
rs114868487	A	-0.1145
rs113996260	C	0.0634
rs141774358	A	-0.1698
rs140246206	C	-0.067
rs55945634	T	-0.0721
rs72664491	C	-0.0751
rs78936351	T	0.12
rs78944699	A	0.0419
rs9996831	G	-0.0271
rs57628190	G	0.0779
rs6824234	C	0.0221
rs2120817	A	0.0174
rs62304746	A	0.0461
rs13147248	T	0.0329
rs73818118	A	0.036
rs17238590	C	0.0493
rs74898157	C	-0.0716
rs74422246	G	-0.0346
rs114167846	G	0.1458
rs986452	T	0.0281
rs74594157	T	-0.0418
rs6840096	A	0.0542
rs79879504	A	-0.1469
rs72640353	A	-0.0689
rs116083615	G	0.0566
rs11133305	C	0.0225
rs730194	T	0.0575
rs7685501	T	0.0254
rs142840112	G	-0.1059
rs793901	G	0.0187
rs116547685	T	0.0795
rs79141075	G	0.0474
rs75554842	T	-0.0767
rs7659671	T	0.0252
rs140869696	A	-0.0629
rs139430600	C	0.0851
rs77678091	C	0.0682
rs115959527	T	0.0332
rs10026635	T	0.0222
rs116216151	G	0.0559
rs138631897	T	0.0901

rs2358905	A	-0.0269
rs2699414	T	-0.0284
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rs17008274	A	0.046
rs115573135	A	-0.1341
rs111452815	T	0.09
rs170227	A	0.0573
rs13119223	T	-0.0198
rs140915571	C	0.0618
rs146818345	C	-0.0851
rs114809646	A	0.0667
rs145613659	G	-0.1014
rs79920064	A	-0.0575
rs79481196	T	0.1452
rs4698923	G	-0.0178
rs35212452	G	-0.1194
rs11932160	T	0.0183
rs1533294	C	0.017
rs79464272	T	-0.0692
rs7662138	C	0.0259
rs57016099	T	-0.0653
rs79940617	C	-0.0622
rs62294090	T	0.0597
rs1371299	G	0.0209
rs56066207	A	-0.0372
rs7688336	A	-0.0295
rs10001932	A	-0.0176
rs116329818	G	0.1283
rs36169772	C	0.0189
rs62308725	T	-0.0399
rs9997907	C	-0.0172
rs34081702	C	0.0857
rs77635208	C	-0.1096
rs10001845	T	0.0242
rs6833580	T	-0.0216
rs17282964	C	0.0559
rs595012	G	-0.0746
rs35173341	G	-0.1033
rs115163226	T	0.0825
rs67304008	C	-0.0793
rs752970	T	-0.0344
rs12648577	T	0.0453
rs112727960	G	0.0649
rs4695885	A	0.0179
rs79715203	T	-0.1186
rs4533716	A	0.0265
rs13111643	G	0.0174

rs4370074	C	0.0209
rs114986991	G	-0.0843
rs116591759	G	-0.1126
rs16879832	G	0.0362
rs57165958	G	-0.0345
rs139855281	A	-0.1066
rs75594494	T	-0.0214
rs4862166	G	0.0191
rs148556036	G	-0.1075
rs34412794	T	0.0385
rs116292327	C	-0.0715
rs74711174	G	-0.0594
rs34874154	C	-0.0975
rs6853019	A	-0.115
rs17082470	T	-0.0692
rs56204638	T	-0.0334
rs9685753	A	0.0268
rs2897074	G	0.017
rs6844391	C	-0.0168
rs73237824	C	-0.1062
rs77994600	A	0.0393
rs4697757	G	0.0335
rs114380090	G	0.0824
rs28776623	G	0.0296
rs75426518	T	-0.0239
rs115014768	T	0.0887
rs13107233	A	0.056
rs3821990	G	0.0591
rs12649626	A	0.0463
rs147421037	G	-0.1313
rs115162663	T	0.1375
rs77498860	C	0.1028
rs34721481	T	0.0216
rs73213083	G	0.0339
rs75926582	T	-0.0918
rs6834848	A	-0.026
rs7439014	G	-0.021
rs77417159	A	-0.112
rs11737517	G	-0.0398
rs74472301	G	0.0526
rs1250091	T	-0.0181
rs116283677	G	0.0974
rs1960724	C	-0.0215
rs141273868	A	-0.0606
rs17148547	G	-0.0422
rs142368696	C	0.0741
rs1495552	T	-0.017

rs10015635	G	-0.0487
rs72890272	G	-0.0743
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rs13133783	C	0.0304
rs76917479	C	-0.0513
rs142609156	T	0.0792
rs62333466	G	0.0772
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rs114208627	C	0.0825
rs13149584	C	-0.0183
rs137883211	A	-0.111
rs10489025	A	-0.0188
rs114340811	T	-0.0539
rs10937657	A	0.0211
rs11721617	A	0.1063
rs11931107	T	-0.036
rs6446308	T	0.0241
rs72727930	T	-0.041
rs5008341	A	-0.0216
rs143979147	T	0.1169
rs149834426	C	0.1221
rs145239518	A	0.0585
rs58403633	A	-0.0784
rs17502832	C	-0.0405
rs17007089	T	-0.0439
rs146660977	A	0.1124
rs7437091	G	0.0246
rs2867013	T	-0.0408
rs13145946	C	0.0219
rs10001353	T	0.0341
rs115093422	T	-0.0751
rs116126387	A	-0.0546
rs10004636	T	-0.0263
rs79843594	A	0.1066
rs115354241	A	0.0823
rs74544665	A	0.1042
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rs4443343	T	0.0206
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rs76427683	G	0.0676
rs79650207	T	0.0523
rs4863784	T	0.0266
rs72713915	T	-0.0197
rs61795273	A	0.0504
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rs139317643	A	-0.0515

rs28421868	G	-0.0506
rs114221066	A	-0.1105
rs148323267	T	-0.1254
rs4974984	C	0.031
rs17443637	T	0.0615
rs114489562	A	0.0462
rs62341821	C	0.029
rs115770777	T	-0.0588
rs147858118	T	0.0262
rs141049376	T	0.0627
rs60459568	G	-0.0355
rs79520728	A	0.1487
rs58175672	A	-0.1094
rs11731237	T	0.018
rs150012481	T	0.1523
rs78745430	C	0.0408
rs116830484	T	0.0788
rs2320823	T	-0.0685
rs10022572	G	-0.0515
rs28595442	T	0.115
rs11729973	G	0.0721
rs151245087	A	-0.1243
rs77948545	G	-0.1218
rs6552540	G	0.02
rs1823945	C	0.081
rs74373157	C	-0.077
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rs1955405	T	-0.0178
rs17019056	A	0.0254
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rs150863490	G	-0.061
rs13141320	A	0.0806
rs145719351	G	-0.1183
rs10517471	A	0.036
rs78363131	G	0.097
rs76749908	G	0.1107
rs141995259	A	-0.1002
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rs6833684	C	0.0476
rs148610509	A	-0.1106
rs3774902	A	0.0387
rs1497482	G	0.0164
rs1730784	C	-0.0318
rs10461053	G	-0.0196
rs11947379	G	-0.0186
rs28809916	T	0.0546
rs79014644	A	-0.0633

rs13118333	G	0.0228
rs80349278	G	-0.0246
rs73245250	T	-0.0412
rs62341525	A	-0.1083
rs115793364	T	-0.0494
rs72679156	C	-0.0301
rs111341027	A	0.0885
rs150285739	G	-0.0912
rs55803709	T	0.1126
rs114764767	C	-0.1106
rs72700733	T	-0.0806
rs2531149	A	0.0166
rs147454864	A	0.0783
rs4428305	A	-0.0195
rs72721177	G	-0.0351
rs34682744	G	-0.0281
rs58242728	C	0.0309
rs6824757	G	-0.0291
rs11735828	G	-0.0215
rs144686749	T	-0.0967
rs4435757	C	0.0333
rs6833232	C	-0.0165
rs146047085	A	-0.0533
rs114888012	G	0.1604
rs72678898	G	-0.0485
rs11725215	A	-0.0944
rs56141537	A	0.0608
rs6533603	T	-0.0172
rs10050023	C	-0.0189
rs1229984	T	0.0444
rs139342832	T	-0.0968
rs17063948	C	-0.0274
rs9715156	C	-0.031
rs114859421	T	-0.1076
rs77846652	T	0.0871
rs112491451	T	0.127
rs12645356	T	0.0178
rs4862365	T	-0.0282
rs77796414	G	0.0669
rs11945115	A	-0.1294
rs6841059	C	0.016
rs3775233	T	0.0325
rs150303149	A	0.1027
rs12640833	G	0.019
rs77252379	G	-0.1015
rs62311725	C	-0.0721
rs116483655	C	-0.0653

rs11931914	C	0.0313
rs11726550	A	-0.0745
rs62308686	G	0.0985
rs4861544	A	-0.02
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rs28402770	G	-0.0542
rs12511373	T	0.0441
rs138051853	A	-0.0979
rs66461448	A	0.0223
rs111618269	T	0.0744
rs6824777	T	0.0412
rs76037733	T	-0.0702
rs10007626	A	-0.0197
rs76038799	G	-0.0376
rs11733358	C	-0.1131
rs2126456	C	-0.0167
rs6813602	T	-0.0214
rs276166	T	-0.0452
rs62310823	A	-0.0307
rs116098516	G	-0.1091
rs75363655	G	-0.1574
rs79292931	A	-0.0825
rs111904914	T	0.0715
rs79896627	C	-0.0669
rs147764575	A	0.0307
rs7688070	T	0.0368
rs4698803	A	-0.0297
rs78317995	A	-0.02
rs2703467	A	0.0239
rs61180901	C	-0.1094
rs138317224	A	-0.0865
rs73839571	C	0.0933
rs72724556	C	0.066
rs4688946	A	-0.0175
rs80321443	A	0.1032
rs77386411	C	0.0518
rs79053394	A	0.0335
rs62299412	T	0.0641
rs17824458	T	-0.0445
rs207696	C	0.0307
rs146997424	A	-0.0873
rs10520477	C	-0.0214
rs4077991	A	-0.0253
rs145427459	C	-0.0576
rs10010272	G	-0.05
rs34165410	T	0.1331
rs35061296	G	0.0198

rs34342790	G	0.0316
rs143547862	T	-0.0753
rs150013055	A	-0.097
rs35196902	T	-0.1053
rs57648619	A	-0.0323
rs72716730	G	-0.0432
rs141266043	T	-0.0636
rs145249335	T	-0.0693
rs116767708	G	-0.0404
rs11722892	A	0.0222
rs140861352	G	0.0525
rs77324318	G	0.0811
rs11725691	C	-0.0229
rs11936543	G	-0.0982
rs62328002	C	-0.0295
rs17738946	C	-0.0533
rs79159507	T	-0.0326
rs75942748	T	0.0497
rs13129484	C	-0.0435
rs75597811	T	-0.1205
rs1567647	A	0.0625
rs72660830	A	0.0261
rs114954144	C	-0.0808
rs75068831	G	0.0915
rs997185	T	0.0221
rs79477870	T	-0.0823
rs1794425	T	-0.1306
rs4698151	T	0.0168
rs116239823	A	0.0738
rs9991187	A	-0.0257
rs10489091	A	-0.024
rs76224655	C	0.0737
rs75292314	A	0.0524
rs78564825	G	0.083
rs2172877	A	0.0675
rs141990444	T	-0.1048
rs62328526	G	-0.0418
rs1563212	G	-0.0186
rs28405896	A	-0.1692
rs72676868	G	-0.017
rs74497555	T	0.0913
rs35798615	A	0.0267
rs112525409	T	0.0496
rs148901604	G	0.0845
rs74539737	A	0.067
rs4974756	C	-0.0307
rs224463	A	-0.0185

rs2007140	C	0.0193
rs13146525	A	-0.0484
rs7697168	A	0.0263
rs6822599	T	0.0689
rs13125349	G	0.0478
rs7658880	C	-0.0836
rs58579163	C	0.018
rs36055662	C	0.0411
rs79722809	A	0.0251
rs11131355	A	-0.1124
rs843604	T	0.0271
rs113068613	A	0.0236
rs116244268	T	-0.0652
rs4865029	G	0.0189
rs114780248	C	-0.0805
rs34637277	C	-0.032
rs75309133	T	-0.071
rs148719694	C	0.1077
rs1364874	T	-0.0174
rs2871491	A	-0.0227
rs17577550	A	-0.0318
rs17238226	C	0.1168
rs72663034	A	0.0629
rs6832560	C	0.0446
rs79235229	G	-0.048
rs6848513	C	-0.0176
rs112039573	G	-0.0464
rs7668956	G	0.0261
rs60257697	C	0.0541
rs62314642	C	-0.0319
rs77586003	G	0.1253
rs71605308	A	0.0886
rs78996167	A	-0.0667
rs4833641	G	-0.0218
rs116189043	A	-0.047
rs75828032	A	-0.0897
rs148918425	G	-0.0876
rs78397321	A	-0.0393
rs4645182	A	0.0255
rs72961472	C	0.0744
rs115740096	A	-0.0674
rs11726591	C	0.036
rs76105562	C	-0.0803
rs76183895	T	-0.0941
rs62346946	A	0.0747
rs115619697	T	0.0699
rs62348798	A	0.0758

rs12641352	A	0.0178
rs10517227	C	0.0195
rs75547752	A	0.0277
rs6816321	C	0.024
rs144771285	C	-0.1691
rs150619981	A	0.0871
rs2555629	G	-0.0174
rs62341337	C	-0.0251
rs73089656	T	-0.034
rs34365710	C	0.0165
rs62297949	T	0.0784
rs113316405	G	-0.0238
rs116237354	G	0.1016
rs10213580	G	0.0304
rs34565159	T	-0.0248
rs62317340	G	0.07
rs73194752	T	-0.0232
rs116250197	T	0.0916
rs77039262	T	0.0865
rs7669425	C	0.0192
rs3749232	C	-0.0182
rs2866455	A	-0.0503
rs35616512	T	0.0202
rs1598974	G	0.0178
rs4859936	T	0.0188
rs58103057	A	0.0435
rs73245306	A	0.0246
rs144743947	A	0.0792
rs2725759	G	0.0177
rs116825487	G	-0.0915
rs4691752	G	0.0162
rs116498616	C	0.0824
rs78596127	C	0.1428
rs144584013	T	0.0756
rs116521001	A	0.041
rs116683839	T	-0.1135
rs4399970	T	0.0162
rs73241631	G	-0.0642
rs4860392	C	-0.0169
rs1957069	C	0.0361
rs10856905	G	0.0171
rs80142100	C	-0.0545
rs74537232	C	0.0326
rs62352774	A	0.0458
rs138633179	G	0.1058
rs139852772	C	0.0963
rs72614730	G	0.0273

rs284780	A	-0.0307
rs11133466	T	-0.0226
rs76711108	C	0.0736
rs13131354	C	-0.1326
rs10011993	C	-0.0164
rs78097873	A	0.0658
rs11734602	G	0.0188
rs112298621	A	-0.0857
rs72700446	C	-0.0637
rs73228900	C	-0.1155
rs11727007	T	0.0317
rs4574391	C	-0.0194
rs11734573	A	0.0199
rs62332029	A	-0.024
rs62308189	T	0.0618
rs79154318	A	-0.0608
rs80125012	T	0.0689
rs6858582	T	0.0569
rs6818419	C	-0.0704
rs116681114	A	0.0695
rs145573614	T	0.0487
rs35211869	G	0.0338
rs138145101	A	0.0655
rs62324492	T	-0.0652
rs72665248	A	-0.0547
rs13152404	G	0.0461
rs4691917	A	0.0415
rs138109321	G	0.0916
rs17789699	G	0.0241
rs4441758	T	0.0365
rs2420157	T	-0.0332
rs11726998	G	0.0378
rs10018660	C	-0.0194
rs113317947	T	0.0455
rs150909276	G	0.0625
rs12643546	T	0.0397
rs114164739	T	-0.0873
rs55932214	G	0.0895
rs28422163	C	0.0747
rs77491667	C	0.066
rs116224087	A	0.0378
rs35300779	C	0.0377
rs140369979	G	-0.0771
rs9999545	C	0.0181
rs4699547	A	0.092
rs72660520	A	0.1138
rs71620944	T	0.0697

rs149072734	A	-0.0997
rs62617790	C	0.0355
rs6830558	T	-0.0354
rs112927438	G	0.0582
rs111363501	C	-0.0737
rs13130146	A	-0.0202
rs114870032	C	0.0937
rs116658723	C	0.066
rs77582838	A	-0.0469
rs10021616	C	0.0187
rs34013824	G	0.0229
rs28647319	T	-0.0258
rs10014930	C	0.0699
rs147865848	G	0.1066
rs16851505	G	0.0424
rs34510106	C	0.0208
rs28567982	C	0.0199
rs77717386	T	0.0546
rs77982677	T	0.0699
rs76000301	A	0.0715
rs74446577	C	-0.0461
rs10021082	C	0.0313
rs58317417	T	0.0566
rs112001650	G	-0.1202
rs2240997	A	0.0274
rs55833204	T	-0.0172
rs12645509	A	0.0185
rs13149451	T	0.0183
rs56258626	A	-0.0176
rs113104037	A	-0.0229
rs72717619	G	-0.0472
rs73234456	G	0.1095
rs6844120	T	0.0168
rs13147867	G	-0.0169
rs145483865	G	-0.1008
rs149837253	A	-0.1361
rs79424581	C	0.1258
rs58436453	T	0.054
rs78411036	C	0.1448
rs7665173	T	0.0209
rs1027692	G	-0.0259
rs114189671	G	-0.061
rs4527535	A	0.0179
rs1130169	C	-0.0162
rs74921668	G	-0.1025
rs115401095	T	0.0753
rs149429085	A	-0.0374

rs75654980	C	0.0564
rs10026600	A	-0.0302
rs72692464	G	0.0275
rs75320418	C	0.0337
rs62287056	T	-0.1217
rs116058674	A	-0.0793
rs34560425	G	0.037
rs58617544	C	0.0272
rs28410501	C	0.0641
rs145837455	A	0.1069
rs10517472	T	0.0167
rs115633464	C	-0.076
rs76984010	A	0.0373
rs143803772	C	0.1544
rs325031	C	0.0227
rs144763553	G	0.0969
rs114736549	C	0.0855
rs113994995	A	-0.1059
rs12508886	A	-0.0222
rs143885947	G	0.0268
rs55919921	G	0.0341
rs76755887	C	0.1009
rs116309027	G	-0.0538
rs114142442	T	0.088
rs1062677	C	-0.0202
rs116744559	A	0.0909
rs62324672	A	-0.0513
rs73817446	G	-0.0298
rs4438790	C	0.0195
rs62335910	T	0.0503
rs2088193	C	0.02
rs56207029	T	0.0344
rs13115966	T	-0.1007
rs2705984	A	-0.021
rs116737722	A	-0.1114
rs56243848	C	0.035
rs151215159	A	-0.1057
rs34563894	T	-0.0596
rs143577243	G	-0.0711
rs149097994	A	-0.0683
rs61792295	G	0.1086
rs66509466	T	0.0208
rs75899169	T	0.0794
rs7687506	G	-0.0619
rs1509249	C	0.0315
rs12646907	C	0.0332
rs10520344	C	0.0251

rs74695107	T	0.0234
rs28416749	C	0.0324
rs17238660	T	0.1079
rs17828330	C	0.0492
rs58545578	C	-0.0375
rs11132534	G	-0.0239
rs1007044	A	0.0208
rs36109710	A	-0.0377
rs6821962	T	-0.0229
rs116296131	T	-0.0864
rs7678705	G	0.0163
rs116272755	T	-0.0764
rs1913702	C	0.016
rs7685614	G	-0.0294
rs7688034	G	-0.0253
rs112217936	G	0.0987
rs115267070	G	0.0976
rs72674876	T	0.052
rs35510515	G	0.0201
rs17861903	C	-0.0397
rs4696758	G	0.0159
rs2121929	A	0.0166
rs12506711	A	-0.016
rs56080887	T	0.0244
rs67841848	C	-0.0213
rs75397252	A	-0.063
rs17321615	G	0.0445
rs74404038	A	-0.1198
rs116125427	A	-0.0522
rs114363879	A	-0.137
rs138491176	T	-0.1211
rs4860655	G	-0.0168
rs6831498	A	-0.018
rs11939600	C	-0.0164
rs145493848	A	0.0834
rs4860821	T	-0.0171
rs150764175	A	-0.06
rs7671666	C	-0.0169
rs13435364	T	0.0916
rs11727886	G	-0.0272
rs80119741	C	-0.0665
rs144553035	A	-0.1068
rs17060573	C	0.0178
rs149159097	T	0.0571
rs4691933	G	0.0244
rs148455776	G	0.0631
rs13110865	T	-0.0518

rs116068372	A	0.1185
rs77079705	C	-0.0749
rs145538667	G	0.1055
rs57904792	A	-0.0315
rs2218827	T	0.0166
rs10022198	A	-0.0222
rs75675425	G	0.1008
rs1474039	A	-0.0181
rs34828165	A	0.0303
rs11722093	C	0.03
rs16882050	T	-0.0196
rs62344779	C	0.0363
rs6843531	T	-0.0572
rs115732123	A	0.0813
rs115176202	T	-0.0299
rs77019759	A	-0.054
rs114853489	G	0.1254
rs17046034	T	-0.028
rs74848455	G	0.0318
rs16888072	A	0.0288
rs79190329	C	-0.0447
rs73151321	C	-0.0479
rs4691323	A	-0.0773
rs12647438	T	0.0204
rs76244195	T	-0.0421
rs75661332	A	0.0837
rs72998173	G	0.0877
rs17064661	T	0.0253
rs4689332	T	-0.0334
rs12510565	T	0.0493
rs72682423	C	0.1157
rs143324467	T	-0.1224
rs7676234	G	-0.0381
rs6818365	A	0.0321
rs141990773	T	0.0716
rs79577276	T	0.0734
rs148491859	A	-0.0493
rs114188639	C	0.0615
rs13126426	C	0.0596
rs988446	T	0.021
rs10004661	A	-0.0185
rs75336006	G	-0.0554
rs13104869	T	0.0449
rs55990550	T	-0.0267
rs115488939	T	-0.0349
rs80267048	G	0.0774
rs11731545	T	0.0194

rs71603306	T	-0.0569
rs62330363	C	0.0251
rs149688947	A	-0.1449
rs12512782	A	0.0243
rs34016136	C	-0.0506
rs4696773	T	0.0473
rs78254357	G	-0.0772
rs17586314	C	-0.0254
rs75124382	A	-0.0433
rs6836195	T	0.0656
rs61473420	C	-0.0346
rs116830158	G	-0.092
rs56406343	G	0.0223
rs145263952	G	0.0688
rs55743726	G	-0.076
rs1907766	T	-0.0313
rs74418880	A	0.0538
rs55976204	T	0.0204
rs56167872	C	0.0247
rs1503976	A	-0.0167
rs112974210	G	-0.0869
rs219459	G	-0.0172
rs4317243	A	-0.0509
rs1994983	A	-0.0291
rs11131614	G	0.016
rs1563831	G	-0.0252
rs997696	C	-0.0206
rs3905842	C	-0.1338
rs73230528	G	0.0319
rs148204233	T	-0.1109
rs79363033	T	0.1223
rs76272262	T	0.0539
rs7699623	T	-0.0414
rs10033110	T	0.0199
rs424048	C	-0.0176
rs13144752	C	-0.0189
rs13109274	T	0.0242
rs1114199	C	-0.0288
rs72634772	G	-0.0303
rs13110461	C	0.0167
rs75102953	A	0.1066
rs10034773	A	0.0596
rs147257858	T	0.044
rs113353176	G	-0.0433
rs75651979	A	0.0925
rs6447524	G	0.0189
rs17237812	G	0.0755

rs77363123	A	0.0744
rs4862322	C	0.0327
rs114686972	A	0.0884
rs113297399	G	-0.1027
rs1863319	A	0.017
rs7684980	G	0.0689
rs115811945	C	-0.0683
rs17746947	G	-0.0726
rs73234182	G	-0.0736
rs13138870	C	-0.0305
rs116787387	T	0.0657
rs116511571	A	-0.033
rs12511010	A	0.0156
rs17861892	C	0.0317
rs115379847	G	-0.123
rs9999406	T	-0.0169
rs77401960	C	0.0874
rs138235168	G	0.0838
rs62337034	A	0.0173
rs67774213	A	-0.0209
rs146112429	A	-0.0479
rs114551356	T	0.0939
rs6832739	G	-0.0409
rs62312559	G	-0.0339
rs80065961	G	0.0689
rs79344845	A	0.1388
rs11722205	T	0.0918
rs28548913	C	0.021
rs145322874	C	0.0777
rs80179272	G	0.0333
rs6535031	A	0.0283
rs71620929	A	-0.0519
rs76027158	C	0.0347
rs10005564	A	-0.0204
rs908102	G	0.0163
rs75775085	G	-0.0806
rs114959988	T	-0.0617
rs1845571	T	0.0665
rs4129578	T	-0.043
rs75718332	C	-0.0524
rs2933566	G	0.0162
rs79562309	A	0.0559
rs75111191	G	-0.0234
rs11943985	T	0.0175
rs2869951	G	-0.0214
rs17562666	C	-0.0198
rs6553139	A	0.0185

rs2588717	G	0.0161
rs72708802	T	-0.0187
rs13151655	A	0.031
rs71608155	G	0.0556
rs13115500	A	0.0165
rs11724768	T	-0.0202
rs6829907	T	0.0295
rs76013158	C	0.0543
rs4328889	A	0.0182
rs76525099	T	0.0479
rs34211583	C	-0.0515
rs2531143	A	0.0503
rs348729	A	-0.0319
rs114334859	A	0.1042
rs4689294	A	-0.0299
rs28889381	G	0.026
rs112483299	T	0.0257
rs4861238	T	0.0194
rs13142315	G	0.0295
rs11131347	T	0.0157
rs77069221	T	0.0452
rs77345261	C	-0.0565
rs7665507	C	-0.0167
rs140769223	C	0.1269
rs13136900	T	0.0174
rs139740631	G	-0.1319
rs142988510	G	0.105
rs59506976	T	-0.041
rs34363883	A	0.0849
rs72712041	T	-0.0254
rs73226776	A	-0.064
rs6827251	G	-0.042
rs12508378	T	-0.0177
rs72713278	A	-0.0715
rs55922009	G	0.0787
rs75112608	A	0.06
rs62346188	T	0.0993
rs138530467	A	0.0757
rs56110139	T	-0.0452
rs10016276	G	0.0465
rs77286773	A	0.0443
rs28459701	A	0.0196
rs139567782	T	-0.0676
rs17662974	T	0.0416
rs11942057	T	0.0165
rs10029546	A	0.0241
rs466548	G	0.0363

rs62331196	A	0.0498
rs35344142	G	-0.0648
rs115664110	G	0.0796
rs7668096	A	0.0417
rs115588494	T	0.0573
rs3212153	A	-0.0228
rs113959646	T	0.0763
rs74841564	C	0.0575
rs140226484	A	-0.0421
rs6600813	T	0.0193
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rs2017189	G	0.0165
rs147400137	T	-0.0632
rs115755247	A	-0.0342
rs148473968	G	0.0705
rs114352620	T	0.1348
rs149267295	T	-0.0949
rs6536115	C	0.0756
rs77713690	T	-0.0423
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rs77611868	C	0.0489
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rs6840461	A	-0.0215
rs73247586	G	-0.0739
rs115386517	G	0.0828
rs72720506	G	0.0629
rs17069650	G	-0.054
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rs1048506	A	-0.0516
rs114456403	G	-0.1172
rs143208171	C	0.1503
rs72655183	T	-0.0653
rs62320849	C	0.1089
rs28449611	G	-0.0802
rs76044515	A	-0.0415
rs76063921	C	0.0388
rs1485452	C	0.0162
rs147627531	T	0.0786
rs75971568	A	0.0785
rs115270875	C	0.0645
rs116175105	C	-0.0413
rs77880214	A	0.0665
rs4069729	G	-0.017
rs28709733	G	-0.0323
rs138410067	C	-0.1321

rs55780042	A	0.0316
rs4696209	C	0.0188
rs144705097	A	0.1019
rs62290713	T	0.0579
rs78217044	A	-0.0745
rs6852649	C	0.0177
rs17617811	T	0.0194
rs13112903	C	0.0184
rs13125836	T	0.0405
rs11729330	A	0.0487
rs17625455	T	-0.0654
rs78308053	T	0.1385
rs62312889	G	0.0606
rs76556993	C	-0.1271
rs142991989	A	0.0634
rs75067904	A	0.0636
rs72676112	G	-0.0873
rs11725338	A	-0.0265
rs4691145	A	-0.0382
rs58299329	G	0.0493
rs10937808	C	-0.0273
rs28433701	C	-0.0175
rs28481276	G	0.0359
rs2904221	T	-0.0173
rs2314104	A	0.0222
rs72705427	G	0.0965
rs72706620	T	-0.086
rs77438259	A	-0.0728
rs28582892	A	-0.0328
rs80342389	T	0.0854
rs56046812	G	-0.0448
rs62300880	A	-0.0691
rs115863261	G	0.0821
rs150892912	A	-0.1101
rs969086	C	0.0154
rs145673753	T	0.0839
rs7680337	G	0.0455
rs139549016	A	0.0489
rs10856967	C	0.0164
rs13129093	A	0.1027
rs147879419	G	0.1604
rs34284109	T	-0.0533
rs7441672	A	0.0482
rs4834921	C	0.0306
rs116528199	C	0.0681
rs115011405	A	-0.1401
rs80325712	T	-0.0341

rs4863078	G	-0.0279
rs306350	G	-0.0463
rs34933960	C	-0.0258
rs6839753	A	-0.0187
rs76965362	A	0.0745
rs111483359	A	-0.0954
rs1498014	C	0.0178
rs149679161	A	-0.0959
rs11932737	C	-0.036
rs6819113	C	-0.041
rs4314310	A	0.0427
rs78207313	T	0.0302
rs76035805	T	0.042
rs72695279	A	0.0686
rs4585328	T	0.0177
rs75886809	G	0.0544
rs57420558	T	-0.089
rs1425433	A	-0.0164
rs62343461	T	0.0584
rs17650892	A	0.0273
rs12152668	G	0.0332
rs113061026	T	0.0754
rs1369998	G	0.034
rs112390897	T	0.1192
rs116783184	C	0.0429
rs7666646	T	0.0205
rs115001479	T	0.0421
rs142617717	C	0.1219
rs1031691	T	0.017
rs6447062	C	0.0436
rs17861832	T	-0.0524
rs149013587	G	-0.1067
rs10012533	G	-0.0169
rs150019215	C	-0.0961
rs2173827	C	0.021
rs115962496	T	-0.0401
rs140674515	G	0.098
rs35478734	T	0.0562
rs116776191	T	-0.07
rs75375230	T	0.0409
rs148813863	A	0.0533
rs7683276	A	0.0197
rs115523765	A	0.068
rs13110123	G	0.0515
rs7655527	T	0.0194
rs74733050	C	-0.114
rs10025210	T	-0.0252

rs11729287	T	0.0224
rs79659488	T	-0.047
rs74612435	T	0.0615
rs10012925	A	-0.0486
rs3913450	T	-0.0196
rs7683247	T	-0.0322
rs77602237	C	-0.0705
rs79629161	C	0.0674
rs749493	A	0.0291
rs6821522	T	-0.017
rs55873241	T	0.0195
rs16837865	C	-0.0189
rs6531981	A	0.0165
rs145159066	T	-0.1028
rs62331844	G	0.0384
rs11735666	G	0.0175
rs735225	T	-0.0367
rs28866186	T	-0.0585
rs141084446	T	0.0979
rs62337957	T	0.0175
rs56052134	T	0.039
rs114827616	T	0.1087
rs150729425	T	0.1038
rs17370238	G	-0.0172
rs13114710	T	0.0457
rs139312766	G	-0.0857
rs12504168	T	-0.0261
rs4689728	C	0.0177
rs138025226	C	-0.114
rs148601174	A	-0.1445
rs10008710	T	-0.0229
rs35705473	T	0.0166
rs6836721	G	-0.0187
rs55888103	A	0.0215
rs73234595	A	0.0351
rs58839001	C	-0.0441
rs3846243	A	0.0176
rs112405253	T	0.0659
rs80331575	T	-0.067
rs142104112	A	0.109
rs72711382	T	-0.0817
rs114309505	G	0.0538
rs151150638	C	0.0884
rs115283523	G	0.0224
rs116121916	G	-0.0689
rs73824735	T	0.0377
rs114418709	A	-0.0621

rs6814936	A	0.0479
rs76236231	A	-0.071
rs67760352	T	-0.1376
rs2074378	T	0.0167
rs116456155	A	0.0549
rs80303354	G	0.03
rs2867613	C	0.0206
rs111273795	T	0.0349
rs11723977	C	0.027
rs74516217	A	0.1235
rs142602250	A	0.0256
rs67282080	A	-0.0224
rs9968342	C	0.0195
rs10022595	G	0.0473
rs144725987	G	0.0805
rs676592	G	0.0163
rs956973	T	0.0709
rs75660249	G	-0.0377
rs2178603	G	0.0185
rs34711204	T	0.0313
rs4314344	A	-0.0365
rs749286	C	-0.0203
rs11726698	G	-0.0281
rs143965247	G	-0.059
rs142349011	A	0.0774
rs10939380	G	-0.0191
rs559283	C	-0.0177
rs7377788	A	0.0183
rs10025312	A	0.0163
rs79129646	A	0.0591
rs140769429	A	-0.1045
rs13435715	G	0.0243
rs55683433	A	-0.0609
rs76032479	T	0.1664
rs11723256	G	-0.0233
rs17008807	G	0.0513
rs17321497	A	0.0902
rs12646682	T	-0.0888
rs12507470	A	-0.0206
rs78766545	G	0.0869
rs115549649	G	-0.0427
rs56198714	A	-0.0334
rs6846882	T	-0.0282
rs28729978	T	-0.0965
rs67932668	A	0.027
rs74420163	T	-0.0858
rs2903081	T	0.0227

rs72721418	C	-0.0412
rs56095494	A	-0.0823
rs80215628	C	0.0617
rs73188348	T	-0.0958
rs7676745	A	-0.0613
rs2727439	A	-0.0158
rs17027947	T	0.0552
rs73243451	C	0.0688
rs72856622	C	0.0591
rs4484280	T	-0.0175
rs7664630	G	0.0871
rs151022986	G	0.0829
rs62334185	C	0.0164
rs34416159	C	-0.0885
rs6448564	T	0.035
rs138274650	C	-0.0904
rs7688011	A	0.0899
rs78838548	A	-0.0205
rs2995923	A	-0.0612
rs114372103	T	-0.0516
rs78320926	C	0.0588
rs112990806	G	-0.1234
rs188513	G	0.0166
rs78391805	A	0.0272
rs17034632	T	-0.0214
rs112235362	T	-0.0165
rs962305	G	-0.081
rs73852386	A	-0.0695
rs2314133	A	-0.0202
rs7684138	A	0.0242
rs73229074	T	-0.0792
rs72636634	C	0.0585
rs116531175	G	0.0513
rs143359893	A	-0.0663
rs79097104	C	0.0703
rs115665670	T	-0.0652
rs11724240	C	-0.0722
rs16851141	C	0.0188
rs17315705	G	0.0233
rs62326110	A	-0.0251
rs112437255	C	0.1218
rs74961580	T	-0.0643
rs7674496	T	0.024
rs77830043	A	0.0239
rs7697837	T	0.0157
rs2319135	C	0.0163
rs62313723	T	-0.028

rs17300456	A	0.0355
rs6535499	T	0.045
rs473534	G	0.0196
rs10520278	A	-0.0195
rs11731345	G	-0.0323
rs114442729	T	0.0701
rs2575679	C	0.0617
rs79180504	A	0.0742
rs78512969	G	0.0475
rs6536030	G	0.0171
rs7669740	C	0.017
rs56117627	G	0.0322
rs34184877	A	-0.0282
rs79438107	A	-0.028
rs9991845	C	-0.035
rs144080212	A	0.0993
rs28455789	A	-0.0224
rs79301534	A	-0.0558
rs12643247	T	-0.0853
rs62353287	A	-0.0251
rs147622320	C	-0.0994
rs114129887	T	-0.1053
rs112607356	T	0.0898
rs57892861	C	0.07
rs10013495	T	0.0206
rs4697428	C	0.0276
rs11725684	T	0.017
rs16854033	T	-0.0618
rs34820474	C	-0.031
rs116377963	C	0.0857
rs116044889	G	0.107
rs9990522	A	0.0156
rs3756049	A	0.0193
rs143713301	C	-0.1019
rs139021470	C	0.1768
rs28520840	T	-0.0442
rs76561109	G	-0.0511
rs169950	T	-0.0449
rs150535325	T	0.0635
rs73245205	C	-0.0733
rs76425228	C	0.0668
rs17017275	T	0.0784
rs143677390	G	-0.0782
rs4696757	T	0.0537
rs147619389	T	0.0608
rs7680049	G	-0.0239
rs74619480	A	-0.0603

rs79201245	C	-0.0762
rs10022628	C	-0.0334
rs62351241	A	0.02
rs10021404	G	0.025
rs72648546	C	0.0594
rs6827213	T	-0.0201
rs74431256	T	-0.0518
rs79921277	C	0.0718
rs115636029	G	0.0824
rs10434411	C	-0.0224
rs115732889	T	-0.0964
rs74626753	G	-0.1056
rs76353822	T	0.0239
rs6813353	A	0.0525
rs11722528	T	0.0199
rs28433958	A	-0.0401
rs74773481	A	0.1019
rs10001241	T	-0.0157
rs76981518	T	0.075
rs150328344	C	0.0581
rs112585066	C	0.1205
rs72716973	A	-0.0833
rs139121939	T	0.1171
rs28830489	C	0.0236
rs11938815	T	0.023
rs147036324	C	-0.0871
rs61794787	G	0.0332
rs146833150	C	-0.1322
rs114649582	T	-0.0871
rs147020139	A	-0.0925
rs13120253	C	-0.0185
rs34813411	T	-0.0887
rs6831181	A	0.0247
rs4689838	T	0.0165
rs4128784	A	-0.0246
rs116580741	T	-0.0776
rs6823392	A	0.015
rs13119903	G	-0.0153
rs12651036	T	-0.043
rs62284845	A	-0.0154
rs7375281	T	-0.0425
rs59852237	A	0.1064
rs6825684	A	-0.0223
rs61552360	G	-0.0166
rs73205406	T	-0.0793
rs72710779	A	-0.101
rs1465496	A	-0.0239

rs116591162	T	0.0802
rs146525491	T	0.1112
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rs4466043	A	-0.0355
rs10001300	T	0.0471
rs116094209	C	0.0889
rs79290064	A	-0.1028
rs74627202	C	0.0882
rs7689113	T	-0.0345
rs56292957	A	0.0345
rs60358470	T	-0.0229
rs34524103	A	-0.0543
rs10002111	A	0.0188
rs2381290	A	-0.0151
rs9307039	A	0.0173
rs10014832	C	0.0257
rs6533673	G	0.0152
rs115246500	G	-0.0989
rs142088891	A	0.0731
rs140425919	C	-0.0621
rs142597227	G	0.0781
rs11728660	C	0.0237
rs10003136	A	0.0669
rs114128348	C	0.0513
rs73140753	T	-0.0738
rs4864872	T	0.0221
rs62306262	T	0.041
rs11733013	G	0.0242
rs10516252	A	-0.0158
rs113576788	G	0.0999
rs4543130	G	0.0149
rs151152806	T	-0.1145
rs1460070	G	-0.0165
rs10028586	A	-0.0781
rs77473599	C	-0.093
rs114735501	C	0.1178
rs2189367	G	-0.0172
rs77952890	C	0.1068
rs4862242	T	0.0211
rs6837041	G	0.0961
rs4342207	A	0.0426
rs28613583	C	0.038
rs1279616	G	0.0586
rs2714888	T	0.0211
rs76041461	T	-0.0445
rs12108337	T	-0.1141
rs6532176	C	0.0244

rs10016093	A	-0.0191
rs75219499	C	-0.0574
rs114788560	A	-0.0647
rs1963908	C	-0.0181
rs6532726	G	0.0158
rs147735184	T	0.0717
rs80260203	A	-0.0489
rs17147677	C	0.0442
rs1980187	G	-0.0153
rs115027596	G	-0.1306
rs13108638	T	0.0232
rs12648767	A	0.0177
rs71607314	T	0.0651
rs1903558	T	0.0236
rs76089654	T	-0.0587
rs76273810	A	-0.0895
rs146415707	G	-0.0786
rs11099119	G	0.0164
rs113320263	G	-0.055
rs13109093	C	0.0156
rs7671270	T	0.052
rs75109566	A	-0.0639
rs62335667	C	-0.0626
rs6845915	C	0.0174
rs6822461	G	0.0495
rs3115390	A	0.0179
rs78864896	A	0.0296
rs62302452	G	0.0608
rs138055267	C	0.1213
rs224488	A	0.0154
rs138087021	T	-0.1183
rs76384591	G	-0.0602
rs57644708	T	-0.039
rs77143212	C	0.11
rs62283037	T	-0.0488
rs17674114	G	0.0609
rs7670489	C	-0.0442
rs11724890	A	0.0369
rs115534071	T	0.0932
rs73795164	C	0.0236
rs114241456	C	0.1071
rs116341484	T	0.043
rs77239326	T	0.0533
rs76125375	A	0.0347
rs78308384	A	-0.0732
rs79887891	A	0.0761
rs114631757	T	0.0917

rs114314198	G	-0.0581
rs35490338	T	0.0475
rs138168195	G	-0.039
rs116027606	C	-0.0592
rs140970547	T	0.0763
rs1443171	A	0.018
rs35135458	T	-0.0482
rs147661088	T	-0.0691
rs76995815	T	-0.0532
rs12642662	T	-0.0196
rs6838382	C	-0.0182
rs1563456	T	-0.0181
rs6553430	C	0.02
rs6856780	T	-0.0211
rs6837566	G	-0.0259
rs62309591	G	-0.106
rs62304123	A	0.0344
rs4865043	G	-0.0189
rs34358666	T	-0.0708
rs62298060	A	0.0475
rs78963321	G	-0.1308
rs72681859	C	-0.036
rs62410785	A	0.0208
rs112974357	A	0.0302
rs79513556	T	0.0405
rs115546079	T	0.0712
rs35503308	C	0.0235
rs10015033	C	0.0484
rs6854985	A	-0.0205
rs80146983	C	0.0556
rs6553037	C	-0.026
rs116454669	T	-0.0728
rs41292305	A	0.0618
rs11942220	C	-0.0172
rs77649214	T	-0.064
rs145802033	G	0.0819
rs2290399	G	0.0414
rs4859467	C	-0.0152
rs76795866	G	0.0659
rs28689523	C	-0.0164
rs807420	C	-0.0156
rs114822604	T	-0.0479
rs11724739	C	-0.0153
rs1674340	C	0.0216
rs114866995	C	0.0582
rs73225150	C	0.0818
rs2703458	A	0.074

rs142895113	T	0.0771
rs13117075	G	0.0169
rs757171	C	-0.043
rs115364286	A	0.0882
rs80316388	A	-0.0533
rs72675422	T	-0.0389
rs55705546	T	-0.0276
rs116762567	T	0.0741
rs148595711	G	0.0864
rs71618583	C	-0.073
rs17471740	A	0.0156
rs79317522	T	0.0434
rs17149007	T	0.0264
rs7668598	G	-0.032
rs113432391	T	0.04
rs12512258	C	0.0162
rs11721520	G	0.0376
rs10007476	T	0.0254
rs10516564	G	0.0174
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rs116360305	A	0.0655
rs6856755	G	0.0191
rs151244651	A	0.1173
rs73230219	C	-0.034
rs11732166	T	-0.0201
rs71603011	T	0.0303
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rs34838840	T	-0.021
rs72695633	T	0.1309
rs1451177	G	-0.0158
rs2128427	T	-0.0273
rs78620582	T	-0.0778
rs41461646	A	0.0575
rs78256295	T	0.1104
rs74887020	C	0.049
rs76136889	C	-0.0443
rs148716072	C	0.0676
rs13107165	C	0.0159
rs3113399	A	-0.0162
rs72683828	C	0.0363
rs80038513	A	0.063
rs150646284	T	0.0964
rs28649372	G	-0.0266
rs77672332	A	0.0998
rs116787754	A	0.0688
rs843577	G	-0.0152
rs78369804	T	-0.0895

rs11731607	A	-0.0172
rs150411367	A	-0.1043
rs7672040	A	0.0388
rs145959833	C	-0.0775
rs144604658	A	0.0714
rs73249328	T	0.1831
rs146366724	T	-0.049
rs1797044	C	-0.0467
rs72685615	G	0.1245
rs114708821	T	0.0668
rs10516487	A	0.016
rs3851433	T	0.0282
rs11730953	T	0.0154
rs4241745	T	-0.0184
rs147653998	C	0.088
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rs71606881	T	-0.043
rs140009389	A	-0.0368
rs113112297	T	0.0267
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rs10428385	T	-0.0175
rs142748251	A	0.094
rs146799012	G	-0.0687
rs74786684	G	0.0189
rs115718334	T	-0.0756
rs73243681	T	-0.0257
rs78981540	T	0.0609
rs56263098	A	0.0259
rs17360789	C	0.0322
rs72736293	C	0.0401
rs139030080	C	-0.0775
rs116251765	C	-0.0731
rs62318109	T	0.1077
rs80047629	T	0.0683
rs78251187	T	-0.0692
rs78396000	T	-0.1415
rs9997336	A	0.0159
rs1609993	T	-0.0357
rs116064932	T	-0.0745
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rs13104334	G	0.0155
rs11723764	T	0.0573
rs74525716	T	0.0727
rs6849656	G	-0.0219
rs80292856	T	-0.0289
rs1858150	T	0.0182
rs62338224	G	-0.0437

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rs13152055	A	-0.0618
rs142054730	T	-0.102
rs6852894	A	0.0564
rs78927895	G	-0.0337
rs116812346	A	0.0529
rs12502308	C	0.035
rs7699077	T	0.0171
rs72694490	A	-0.0229
rs55760674	T	-0.0368
rs6828163	T	0.0173
rs147440049	C	0.0861
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rs7666347	T	-0.0377
rs115979062	T	-0.0909
rs6552826	C	-0.0619
rs328438	A	0.0255
rs2725313	C	-0.0149
rs1589803	C	0.0256
rs62312609	A	0.0774
rs11929731	G	0.0369
rs71612002	G	-0.0547
rs79374535	T	0.062
rs75652853	T	0.0716
rs7376707	A	-0.0997
rs78611340	A	0.0661
rs62340867	G	0.1174
rs2219567	A	0.0283
rs12651499	A	0.0327
rs1506464	T	-0.015
rs4429748	T	-0.0183
rs72883000	G	0.1057
rs13114734	T	-0.0328
rs75172464	A	-0.1009
rs115713845	A	0.0394
rs4370115	G	-0.0376
rs143013965	A	0.0442
rs28636000	G	-0.0323
rs1203808	T	-0.0173
rs112854888	A	-0.0586
rs76817066	T	-0.0482
rs4865443	A	-0.017
rs17132647	A	-0.0408
rs10049992	G	-0.0226
rs143444996	T	0.1122
rs76096238	G	0.0365
rs11733009	T	-0.0205

rs142013654	T	0.0155
rs13116412	C	0.0898
rs76181037	T	0.0353
rs142046067	A	-0.0698
rs34229861	C	-0.0446
rs4699384	A	-0.0188
rs7667423	C	-0.0186
rs58346872	G	-0.0456
rs78849484	A	-0.0664
rs74419594	C	0.0532
rs6812682	G	0.0228
rs72697521	G	-0.0307
rs76776133	A	-0.0711
rs79908138	C	-0.0827
rs116193747	T	-0.0705
rs138665640	C	-0.0811
rs73258089	C	-0.075
rs57433133	G	0.0167
rs13144624	G	0.0245
rs79280712	G	0.0167
rs11732592	C	-0.0404
rs138779566	T	-0.106
rs76419999	G	-0.0985
rs71596140	C	-0.0585
rs13127165	T	0.0156
rs78244049	A	-0.0554
rs4834199	A	-0.0163
rs10939721	T	-0.0515
rs78585685	G	0.0819
rs78324804	T	0.1164
rs74930648	T	0.1382
rs28393921	T	0.0452
rs77636098	G	0.0695
rs35146799	T	0.1071
rs6854828	T	0.0733
rs17809580	T	-0.081
rs116147709	T	0.0733
rs114205482	G	-0.1009
rs6810509	T	0.0188
rs7699010	A	-0.0302
rs80346163	C	-0.0777
rs10016042	A	0.0195
rs11132350	G	0.0157
rs1904931	A	0.0346
rs115529236	T	0.0738
rs116039112	A	0.0783
rs13434493	C	0.0195

rs114353106	A	-0.0621
rs35119141	T	-0.0171
rs111557858	T	-0.0452
rs6534515	A	-0.0148
rs35867715	C	-0.0266
rs142813707	T	0.0456
rs59165713	T	0.039
rs34079764	G	0.052
rs6850019	A	0.0218
rs114639430	T	0.0391
rs139538102	T	-0.0672
rs56163224	A	0.0322
rs114058054	C	-0.0634
rs78428374	C	-0.0309
rs11735406	G	0.0188
rs12642948	T	0.0273
rs4975045	A	0.0281
rs6851694	T	-0.0262
rs78568537	A	-0.0526
rs112146137	T	-0.0783
rs67793297	C	0.03
rs114144551	C	0.0612
rs62340140	T	-0.1209
rs10440505	G	0.0305
rs78730835	T	0.0336
rs114456163	C	-0.0435
rs17362542	A	0.0315
rs10008980	A	-0.0221
rs61793262	A	0.0784
rs17443392	T	0.025
rs35865138	A	0.0938
rs72723428	C	0.0631
rs17165026	T	0.0262
rs34175445	A	0.038
rs75259950	C	0.0792
rs115806760	A	0.0851
rs80187345	C	-0.0714
rs56378913	T	0.0192
rs74869447	A	0.0806
rs1072630	C	0.0321
rs68094691	C	0.0183
rs4859458	T	0.019
rs78017626	A	0.1125
rs9312682	T	-0.0167
rs72659565	A	-0.0238
rs1343754	A	0.0145
rs113861753	T	0.0817

rs59217811	A	0.0494
rs114026520	C	-0.0788
rs72642347	C	-0.0792
rs6845803	C	-0.0359
rs28407543	A	0.0198
rs72693276	A	0.0511
rs2059113	C	0.0369
rs115000271	T	0.072
rs77911137	T	0.0783
rs115199375	T	0.0571
rs28622301	G	0.0296
rs77317568	C	-0.0242
rs72684096	C	0.0368
rs17587295	G	0.0333
rs3895619	T	0.0398
rs6829649	G	-0.024
rs9991482	C	0.0669
rs28784603	A	0.0154
rs13149068	T	-0.0216
rs1745336	A	-0.0219
rs112699835	G	-0.1132
rs62316563	A	-0.0535
rs13126668	G	0.0675
rs4693344	C	-0.0207
rs77187207	A	0.1097
rs4865335	G	-0.0153
rs115196632	G	-0.0739
rs144871530	T	-0.094
rs73105129	A	-0.0544
rs75427108	G	-0.0523
rs58694068	A	-0.0196
rs78167335	A	-0.0432
rs60044461	T	0.017
rs111463596	C	0.0528
rs10001751	C	0.0398
rs9631551	C	0.0692
rs114342023	G	0.0573
rs2278137	C	0.0171
rs149284464	A	-0.1167
rs1967284	T	-0.0156
rs75962446	A	-0.0654
rs12504331	C	-0.0362
rs115092198	T	0.0567
rs79515396	C	-0.0318
rs114161076	A	-0.1059
rs9991724	G	0.023
rs75846462	T	0.0713

rs16889955	A	-0.0226
rs113752074	A	-0.118
rs80222710	T	0.0598
rs3775297	T	0.0158
rs1981640	T	0.0177
rs79012230	T	-0.0309
rs62315298	T	0.0323
rs77992219	T	-0.0906
rs67124905	G	0.0361
rs140088438	T	-0.0606
rs71609620	T	-0.0917
rs150723268	A	0.1
rs11098790	G	-0.0497
rs75294800	A	-0.0443
rs112050340	G	-0.0492
rs114350137	C	0.0496
rs28568927	G	0.0159
rs75423796	C	-0.0637
rs72681507	C	-0.052
rs62338031	A	-0.019
rs78349863	A	0.0262
rs13131485	C	0.0226
rs72667982	G	-0.0239
rs7436249	G	0.0147
rs10014818	A	-0.0191
rs3775292	C	-0.0213
rs10000747	A	0.0334
rs11725153	G	-0.0202
rs35910858	C	0.0793
rs4860411	G	-0.0163
rs139194686	T	-0.0815
rs2612406	T	0.0203
rs1396817	T	-0.0192
rs72872315	C	-0.0349
rs17573212	C	-0.0826
rs77792846	A	0.0247
rs76685358	A	-0.0707
rs147661987	G	0.1348
rs35719671	G	0.0741
rs76664507	A	-0.0603
rs114283910	T	-0.0656
rs116830176	T	-0.0475
rs72673255	A	-0.0686
rs13114950	T	0.0211
rs12511946	T	-0.1
rs115311130	G	-0.0643
rs2577872	A	-0.0177

rs13434476	T	-0.026
rs4690801	C	0.0181
rs36110167	G	-0.0282
rs35469359	G	0.0164
rs11132180	T	0.02
rs11722388	T	-0.0172
rs79160671	C	0.0265
rs115766457	A	-0.0578
rs4861621	A	-0.0217
rs57810985	A	-0.027
rs6849847	C	0.0146
rs17008504	A	-0.0596
rs78491208	A	0.0485
rs112016613	T	0.0306
rs114407241	T	-0.1232
rs72691572	T	0.0266
rs145316684	A	-0.0679
rs147562308	C	0.0627
rs74919849	T	-0.0679
rs6827806	T	0.0453
rs12499741	T	-0.0923
rs147257251	G	0.1113
rs61017450	A	-0.0271
rs115167285	T	0.0833
rs34940579	A	-0.0182
rs4860664	C	-0.0216
rs141120064	A	-0.0769
rs114524482	C	-0.0682
rs9307065	C	-0.0189
rs6553690	C	0.0651
rs13116738	A	0.0178
rs6448402	T	0.0152
rs62336604	G	-0.0285
rs6852302	G	0.0244
rs800434	T	0.0629
rs9995192	T	0.1006
rs7678119	A	-0.0167
rs1441429	C	-0.0223
rs72671473	C	0.0888
rs75100498	C	-0.0634
rs144295512	A	0.0602
rs79427373	T	-0.0523
rs78453182	A	-0.0678
rs1364968	T	0.018
rs113327459	T	-0.0514
rs17776097	T	-0.0311
rs28524137	T	0.0633

rs146735869	A	0.0513
rs77542818	C	-0.0642
rs7670831	T	0.0285
rs335088	C	-0.0157
rs76428007	G	-0.0579
rs116287535	C	0.0615
rs147163298	A	-0.131
rs62315318	C	-0.0985
rs3733498	A	-0.0417
rs17082227	T	-0.0839
rs17033239	C	-0.0571
rs1996184	T	0.0282
rs76021460	A	0.0392
rs9999900	T	-0.0864
rs62327974	T	-0.0472
rs79544357	A	-0.055
rs2048374	G	-0.0192
rs7435137	C	-0.0182
rs736577	A	-0.0772
rs17360368	T	-0.0689
rs34680259	T	0.0439
rs58480999	T	0.0195
rs4069925	A	0.0383
rs11942970	C	0.0363
rs116034758	A	0.0664
rs114316804	A	0.0826
rs2872575	T	0.0294
rs73229273	A	-0.0705
rs75313768	C	0.0802
rs60684776	A	-0.0227
rs146388084	A	0.0741
rs6846262	A	0.0298
rs75184587	G	-0.0615
rs76317854	T	0.1006
rs527726	G	-0.0443
rs28652800	T	-0.0215
rs34956353	C	0.0316
rs73845281	C	-0.0293
rs28412493	T	-0.0454
rs67910635	C	-0.0195
rs142762744	G	0.117
rs1903028	G	0.053
rs1020993	T	0.0213
rs73873572	C	0.0265
rs148786903	C	0.0744
rs6819998	A	0.0192
rs76665567	C	-0.0436

rs73243700	G	-0.0702
rs114188086	A	0.0619
rs17471663	C	0.0423
rs506643	A	0.1234
rs4956424	A	0.0206
rs7659375	A	0.0207
rs1457917	A	0.0144
rs1816005	A	0.0603
rs6536850	A	0.0168
rs73216242	G	-0.0352
rs114233970	G	0.1124
rs6819405	C	-0.0784
rs4299635	C	0.0176
rs79737037	G	-0.0753
rs116121424	C	-0.0941
rs62327978	G	0.0355
rs78834343	G	-0.0848
rs17661998	G	-0.0391
rs114252785	C	-0.0717
rs6839835	A	0.0293
rs17042053	T	-0.0748
rs143153777	A	0.0941
rs111833150	A	-0.101
rs766686	C	0.0295
rs6854572	G	-0.0371
rs75847243	C	0.1207
rs76150854	A	-0.0634
rs2725231	A	-0.0172
rs115723993	T	0.0714
rs79949615	G	0.0346
rs7665135	A	-0.0146
rs116675928	A	0.0875
rs13145131	C	-0.0155
rs17622580	T	-0.0209
rs114549961	G	0.0828
rs7656356	T	-0.0301
rs17488073	G	0.0271
rs115863428	A	-0.0935
rs13142165	C	0.0955
rs6819231	C	0.0195
rs75522131	A	-0.0277
rs17721716	C	-0.0687
rs79130196	T	0.0609
rs78681144	T	0.0646
rs2860055	A	0.0493
rs1463960	C	0.0308
rs17060465	T	-0.023

rs148589526	A	0.0815
rs116755534	C	0.0312
rs73204522	T	0.0282
rs73220098	C	-0.0984
rs79968684	C	-0.0711
rs116515212	T	-0.0717
rs2145613	C	0.0737
rs60304697	C	0.0172
rs6852549	C	-0.0463
rs78285101	A	0.0659
rs80354015	C	0.0185
rs144983228	T	0.0897
rs112565097	T	-0.0939
rs116084903	T	-0.0932
rs150667984	T	-0.0582
rs4254723	T	0.0237
rs4691383	A	0.0162
rs758877	C	0.0149
rs11728612	C	0.0284
rs146172806	T	-0.0872
rs56371097	G	-0.0192
rs72708351	G	0.0186
rs75396101	C	-0.0395
rs116224684	G	-0.0741
rs13118234	T	0.0684
rs76926475	T	0.05
rs73088390	A	-0.0308
rs75630404	A	0.0761
rs72662083	T	0.0628
rs76215107	G	-0.0295
rs1499269	G	0.0606
rs115333560	C	0.0536
rs114633655	T	-0.06
rs17614459	T	0.0687
rs113024690	G	-0.0366
rs76743685	C	0.042
rs35132891	C	0.0164
rs74491819	T	0.076
rs7677486	T	-0.0154
rs13124801	T	0.0645
rs6535497	A	0.0192
rs147430666	A	-0.0781
rs114853892	T	0.0852
rs72674750	T	-0.0595
rs76630000	T	-0.0685
rs115891882	C	0.0581
rs114037322	G	-0.1307

rs7654106	C	0.015
rs137963638	G	0.0546
rs116379968	G	0.0922
rs28711183	A	-0.0423
rs79425426	T	0.0568
rs12509669	A	-0.016
rs114392119	A	-0.0862
rs34699840	A	0.0243
rs61793503	A	0.0649
rs116614426	T	0.0849
rs17843924	A	0.0634
rs62340718	C	0.0288
rs7666419	C	-0.0973
rs11133030	A	-0.028
rs75531492	G	-0.0821
rs13107539	A	-0.0173
rs11733819	T	0.0203
rs12646941	C	-0.0222
rs7673107	A	0.0171
rs140871240	C	0.0942
rs116304874	T	0.0939
rs6824719	T	0.0145
rs12499330	A	-0.0424
rs62283034	C	0.0244
rs1830378	C	-0.0171
rs55672924	T	0.0142
rs35669236	A	0.0273
rs7665648	C	-0.0712
rs1105207	C	-0.0176
rs161707	G	-0.0191
rs12505231	A	0.0504
rs17502687	A	0.0756
rs71609934	T	0.0939
rs73064387	T	-0.0411
rs79832740	C	0.0515
rs59366456	T	-0.0395
rs2060849	C	0.0144
rs114543570	C	0.0458
rs76200381	A	-0.0772
rs77588489	G	0.0259
rs142164130	C	-0.0628
rs115561489	G	0.0586
rs61795502	G	-0.0632
rs17009347	C	-0.1082
rs11937125	T	0.0155
rs76709571	C	-0.0682
rs301096	T	-0.0407

rs12054508	C	0.0166
rs3775835	T	0.0243
rs35635710	T	0.1151
rs6834299	T	0.0163
rs2386052	C	-0.0158
rs6820019	G	-0.0236
rs7655870	C	-0.0189
rs142888543	G	-0.0769
rs4241780	T	-0.0222
rs73260010	A	0.0826
rs7689103	G	0.0261
rs77876519	G	0.1134
rs361100	T	-0.0158
rs17274854	A	0.0213
rs115663059	C	0.069
rs4392464	A	0.0178
rs6554138	G	-0.0141
rs35668098	G	-0.0181
rs1982147	G	-0.0158
rs4583815	T	-0.0147
rs78195414	A	0.0379
rs116635699	A	-0.0953
rs7656116	T	0.0167
rs77645453	G	-0.08
rs114424433	A	-0.0635
rs17321762	T	0.0401
rs114797768	T	-0.0796
rs7699816	T	-0.0157
rs10461331	C	-0.0447
rs1368614	A	0.0174
rs142607916	T	-0.1102
rs113267425	G	0.0424
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rs74992536	C	-0.0456
rs75300794	C	0.1194
rs62286917	C	-0.0181
rs6820379	G	0.0459
rs79418087	T	-0.0599
rs456738	T	0.0233
rs74716803	A	-0.0263
rs11733487	C	0.0153
rs4103860	C	0.0161
rs12505251	T	0.0523
rs71622911	C	0.0608
rs113688513	G	0.0781
rs116209813	T	-0.0638
rs77243540	T	0.0487

rs71605211	C	0.0843
rs62316174	T	-0.0886
rs28631553	T	-0.0466
rs893024	A	-0.0221
rs17659305	C	0.0338
rs55973591	T	-0.0228
rs4695954	G	0.0164
rs77736441	A	-0.0287
rs147623029	A	-0.0915
rs4285123	T	-0.0311
rs12509799	G	0.0188
rs10032353	A	0.0503
rs62353211	A	0.0461
rs144700323	A	0.0964
rs1976989	T	-0.0772
rs75219974	A	-0.0488
rs7694562	T	0.0156
rs144298204	G	0.102
rs76222188	G	-0.0921
rs72684973	G	0.0769
rs59481268	C	0.0176
rs71604688	C	-0.0409
rs13135557	A	-0.095
rs58107746	G	-0.0192
rs13134529	G	0.0152
rs9312691	T	-0.0161
rs75683528	A	0.0455
rs4860771	A	-0.0173
rs72718347	G	0.0301
rs6819808	T	-0.0505
rs17047075	C	0.0512
rs79073584	C	-0.0969
rs113579008	A	0.0958
rs2132668	T	0.021
rs16888876	T	0.0475
rs114850334	A	-0.046
rs17624115	A	0.0452
rs116414853	G	0.093
rs1836779	C	-0.0196
rs80302127	C	-0.0449
rs548172	C	0.0185
rs10018538	T	0.0218
rs72700423	G	-0.0786
rs28493402	G	-0.0642
rs62351956	G	0.044
rs114008651	T	-0.0387
rs141498384	C	0.0951

rs7671124	G	0.0179
rs145657266	G	0.104
rs10856959	G	0.0944
rs79192180	A	0.0467
rs74411789	G	0.0334
rs77489186	T	0.0713
rs4863065	G	-0.0176
rs9991091	A	-0.015
rs6820028	C	-0.0169
rs116631274	C	-0.0855
rs4565113	T	0.0603
rs1902436	C	0.052
rs150713979	C	-0.0464
rs72946892	T	0.0333
rs36038893	T	0.1019
rs13129383	A	-0.0248
rs151326237	C	-0.0823
rs10026213	C	0.0144
rs62311427	T	-0.0331
rs79796698	A	-0.0383
rs114843802	T	-0.0708
rs13110414	C	-0.018
rs73225371	T	0.0837
rs57403214	T	0.0249
rs111307443	A	-0.0675
rs17453783	A	-0.0387
rs13110787	T	-0.016
rs4560459	A	-0.0181
rs12505556	A	0.0235
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rs13435503	T	-0.0144
rs116461890	T	-0.0746
rs72708298	T	0.1285
rs10000732	C	0.0153
rs72728519	T	-0.0381
rs73229217	G	0.0301
rs7684402	C	0.0163
rs60065730	G	-0.0243
rs112613787	C	0.0388
rs142002718	A	-0.0967
rs4440297	A	-0.0239
rs1596550	T	0.0219
rs149079418	T	0.0735
rs11734276	T	0.0166
rs13116823	T	0.0229
rs278952	G	-0.0177
rs62314728	C	-0.0219

rs145147928	A	0.0878
rs34402391	A	0.015
rs112058520	C	0.0848
rs114791252	A	-0.068
rs115959938	C	0.0959
rs7690846	T	-0.0151
rs76463367	C	-0.0371
rs12331482	G	-0.0245
rs76763432	T	0.0233
rs28402691	T	0.022
rs75116120	T	-0.1141
rs141442571	A	-0.0297
rs1901131	A	0.0147
rs10434100	T	0.0223
rs28472769	T	-0.014
rs13104628	G	-0.0585
rs115705299	T	-0.0834
rs55870840	G	0.0177
rs2202311	G	-0.0407
rs144780305	T	0.0623
rs1450782	T	0.0146
rs149437918	A	0.1053
rs7698800	A	0.0214
rs34273630	C	0.0845
rs4608852	A	0.0303
rs1522071	C	-0.0693
rs77748102	G	-0.0784
rs113321904	G	-0.0764
rs72696483	C	-0.0348
rs115683692	C	-0.1059
rs76045134	A	-0.0984
rs74338143	A	0.0632
rs4563469	C	-0.0312
rs72675694	C	-0.1016
rs116227968	T	0.0785
rs60451663	T	-0.0212
rs4253259	T	-0.0364
rs10009786	T	-0.0343
rs1514891	C	-0.0462
rs79061177	A	0.0754
rs114364597	A	0.0548
rs76796995	A	-0.0787
rs1508984	T	-0.0236
rs612973	A	-0.015
rs62277500	G	0.0544
rs4447877	A	-0.0163
rs12647958	G	-0.051

rs149579475	A	0.0656
rs2169541	T	-0.026
rs1838176	A	0.0317
rs58056025	G	-0.0316
rs12641622	C	-0.112
rs114634328	C	0.0399
rs71609079	G	0.0588
rs78314264	A	-0.0889
rs2135557	T	0.0227
rs79334416	A	0.1268
rs1317368	C	0.0276
rs1872069	C	-0.0317
rs76859976	A	-0.0927
rs148549151	A	0.0905
rs4689425	G	0.0153
rs111382190	G	-0.0585
rs7670475	T	0.0221
rs72636183	T	0.032
rs114227803	A	0.0588
rs10025992	G	-0.016
rs74783758	T	-0.0229
rs72703247	A	-0.1228
rs147497572	A	0.1043
rs2127495	A	-0.0203
rs77151821	G	0.0882
rs5030552	C	0.0249
rs145915079	A	0.1049
rs5030566	C	-0.1045
rs17002700	G	-0.0195
rs13141545	C	0.0266
rs75623845	A	-0.0262
rs2055957	A	-0.0176
rs12499703	T	-0.0329
rs116423847	T	-0.066
rs10000365	G	-0.015
rs34592043	C	-0.0523
rs142953371	C	0.0514
rs79136947	A	0.1122
rs2619372	A	0.0154
rs72648876	T	-0.0535
rs80334788	C	0.0592
rs73843557	T	-0.0465
rs12640459	G	0.0337
rs111447118	A	0.0461
rs1922856	T	0.0207
rs58422197	A	-0.0166
rs75925769	A	0.0291

rs17183233	G	0.0752
rs112054388	G	-0.0219
rs79365683	C	0.0591
rs74766404	G	-0.069
rs4591618	T	-0.0176
rs115015316	T	0.0985
rs2660596	G	-0.0267
rs145050901	T	-0.0673
rs114721815	A	-0.0821
rs6829877	C	0.0198
rs74337460	A	-0.0285
rs116203923	C	0.074
rs62344915	G	0.0172
rs3935709	T	-0.0159
rs72715425	A	-0.0249
rs79013764	T	-0.0626
rs4859816	A	-0.0321
rs68051033	T	-0.0267
rs73204515	G	0.0171
rs115529069	G	0.0634
rs78694980	C	-0.0769
rs139273098	G	0.0587
rs6846129	A	0.0342
rs75055633	T	0.0438
rs11722039	T	0.0174
rs143596909	A	-0.0986
rs75470414	G	-0.0553
rs72638343	C	-0.06
rs79263065	A	0.0588
rs17051077	G	0.0289
rs28558464	G	-0.0276
rs358234	A	0.0557
rs72643024	T	0.0769
rs149697018	G	-0.0729
rs147713367	C	-0.0318
rs16894289	T	-0.0504
rs12647067	C	-0.0155
rs77253715	T	-0.0319
rs7660821	T	-0.0193
rs147126418	A	0.0687
rs72717881	G	-0.0214
rs4496651	A	0.0928
rs73077114	T	-0.033
rs13127352	C	-0.0189
rs6534907	C	-0.0162
rs114376452	A	-0.0547
rs77587947	C	0.1083

rs140123392	C	-0.0829
rs73245728	C	-0.0297
rs17583808	C	0.0147
rs66827576	A	-0.0203
rs116065372	G	-0.0725
rs74554983	A	-0.0598
rs13149410	C	0.0399
rs34318255	A	0.0286
rs76127201	T	-0.0291
rs17024631	C	-0.0318
rs3806809	C	-0.0162
rs13112410	T	0.0172
rs115194212	C	-0.092
rs11947929	G	0.0964
rs7699358	C	0.0142
rs28627228	T	-0.053
rs80353077	A	0.0437
rs11932016	T	0.0499
rs79552264	C	-0.0672
rs41352748	C	-0.0381
rs115135211	T	-0.0783
rs72725720	C	-0.0589
rs6854808	C	0.0462
rs74908697	G	-0.0834
rs4599440	T	-0.0182
rs111474620	C	-0.064
rs1203118	A	0.0449
rs116498059	G	-0.0597
rs13118504	A	0.1021
rs114885083	G	-0.0749
rs17046372	C	0.0214
rs10938681	A	-0.0291
rs80230107	A	-0.0485
rs62320772	A	-0.0607
rs4560348	T	0.0538
rs76086463	G	-0.0715
rs36224852	T	-0.1087
rs12640626	G	-0.014
rs6854239	C	0.0207
rs2097748	G	-0.014
rs10023774	C	-0.0449
rs2171423	A	-0.0146
rs11735659	A	0.08
rs72681430	G	-0.0788
rs75544156	C	0.0898
rs34851410	T	0.0568
rs6838294	C	-0.0591

rs144428077	A	-0.0447
rs144306599	C	-0.0779
rs11573119	T	0.0439
rs1115988	A	-0.0158
rs4476584	A	-0.0494
rs13105625	C	-0.0167
rs10434441	T	0.0802
rs139905841	A	-0.0932
rs59487467	A	0.0184
rs4689750	G	0.0163
rs116495919	T	-0.1121
rs3017715	T	-0.0155
rs149038375	A	0.0201
rs6839707	A	-0.0217
rs10866283	G	0.0344
rs62310539	G	0.0467
rs56263548	T	0.0373
rs2736467	A	0.0143
rs75912324	G	-0.1075
rs75337032	C	0.0541
rs113207889	A	0.0207
rs113358781	T	-0.1047
rs13151216	T	0.0895
rs77405693	T	0.0159
rs73212023	A	0.075
rs59950280	A	-0.0173
rs667886	A	-0.0184
rs13103741	A	0.0292
rs62314109	G	0.0142
rs58618716	C	-0.1062
rs1902019	G	0.0208
rs58744377	A	-0.0574
rs62323196	G	-0.0242
rs4343683	G	0.0314
rs80134603	T	0.0355
rs115859957	A	-0.0712
rs113435925	A	0.0837
rs62305119	T	0.0275
rs11722283	A	0.0162
rs17005758	A	0.0289
rs6826507	G	0.0216
rs2220231	A	0.0244
rs2046814	G	0.0147
rs1033082	C	-0.0241
rs113754873	T	0.0375
rs78057048	T	-0.0939
rs9724	G	0.0272

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rs17050793	C	-0.0362
rs6814533	G	0.0195
rs116181457	G	-0.0759
rs138496355	G	0.1032
rs7693832	C	0.0491
rs147484990	A	0.0847
rs3846247	A	0.0163
rs76290640	C	0.0569
rs113814392	C	-0.0423
rs17613361	G	0.0182
rs78845634	G	-0.0354
rs150395993	A	0.0758
rs35564002	T	0.1266
rs76844659	T	-0.0903
rs1034665	A	0.0244
rs4835565	G	0.0164
rs907362	C	-0.0153
rs116603788	A	0.07
rs78143974	A	-0.0353
rs74556411	G	-0.0902
rs17044419	A	0.0599
rs1032672	T	0.0174
rs149347019	C	-0.1071
rs57052738	G	-0.0448
rs139756456	G	0.0788
rs28377155	T	-0.0598
rs13145850	C	0.0183
rs3113032	G	0.0164
rs73819933	T	-0.0308
rs10805066	G	0.0311
rs13107662	C	-0.0154
rs6831871	G	0.0251
rs75656360	G	-0.0403
rs76138997	G	-0.0888
rs73221896	C	0.0212
rs72642888	C	0.0206
rs35661211	T	0.0554
rs73245178	A	0.0362
rs10014574	G	0.0188
rs148164248	G	-0.1194
rs36058112	T	-0.0265
rs6851432	G	-0.0167
rs71606104	C	0.018
rs72725430	G	-0.0304
rs13122111	C	0.0148
rs13146108	A	0.0221

rs55710909	A	0.0413
rs71597552	G	-0.0504
rs62411611	G	0.0143
rs17434286	G	-0.0373
rs28890246	G	0.0495
rs72689202	T	0.1147
rs145097063	T	0.084
rs116175659	C	0.0437
rs76229059	G	-0.0218
rs66945341	A	-0.0275
rs4383619	T	-0.0183
rs1585747	T	-0.0303
rs10008933	A	0.0152
rs1470055	A	0.0386
rs17019863	C	-0.0595
rs114152679	G	-0.0748
rs80307789	A	0.0522
rs36113334	G	0.0171
rs142356704	C	-0.1
rs145258331	T	0.1204
rs28729088	G	0.019
rs6835653	G	-0.0267
rs7661671	A	-0.0517
rs78804775	A	0.0732
rs115549615	A	-0.0849
rs35585039	G	0.0786
rs62342250	C	-0.0301
rs11723806	C	0.0171
rs7679999	T	0.0148
rs79742905	C	-0.0552
rs17423177	A	-0.0196
rs116080928	C	0.0812
rs75896383	A	0.0324
rs79474672	A	0.0641
rs114092125	G	-0.0477
rs115710039	G	-0.0755
rs62351616	G	-0.0402
rs6834019	A	0.0319
rs139485531	A	-0.0695
rs7435724	G	-0.0259
rs4696910	G	0.0324
rs34956656	C	0.0168
rs35424487	T	-0.0656
rs78319065	C	-0.0935
rs73865835	C	-0.05
rs149696899	C	-0.0739
rs2175292	C	-0.0283

rs115352720	C	0.0979
rs111777582	C	-0.0422
rs17353301	G	-0.0201
rs116174228	C	-0.0516
rs16898036	A	-0.0158
rs6857876	G	-0.0145
rs75458142	A	-0.0655
rs73240477	A	-0.0501
rs75059400	T	0.0407
rs116423952	C	-0.0271
rs75810815	C	0.0443
rs34265628	T	-0.0179
rs75244699	T	-0.0372
rs9917890	A	0.0404
rs112480767	T	-0.0566
rs55707627	A	0.0435
rs114271203	T	-0.1073
rs79594119	T	0.0409
rs146871575	G	-0.0363
rs116149802	A	0.0826
rs11098250	T	0.0168
rs73256142	T	0.0796
rs144901292	C	-0.107
rs77605146	T	0.0577
rs4253334	G	-0.0407
rs76345771	A	-0.0315
rs973031	T	0.0266
rs74729107	T	0.053
rs140497411	C	0.0987
rs113703703	T	-0.0794
rs6826168	A	-0.0705
rs77865054	C	-0.0867
rs7688791	T	0.038
rs75739948	T	0.0281
rs78838181	C	0.0253
rs6843219	T	-0.0555
rs4698081	A	-0.0141
rs2219484	T	-0.0358
rs142722384	C	0.1022
rs77410668	A	-0.0974
rs114321713	G	-0.06
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rs149872435	G	-0.0956
rs10024876	C	0.0141
rs114472957	G	-0.0721
rs113162129	A	-0.1111
rs13131786	A	0.0823

rs151127936	T	0.0912
rs1317488	C	0.0239
rs7684843	A	-0.0192
rs78182509	G	0.0655
rs72674623	A	0.0487
rs6842533	C	0.0349
rs17472015	C	0.0844
rs116452724	C	-0.0698
rs13136879	A	0.0859
rs74414173	G	-0.1466
rs114138397	T	-0.0485
rs79940692	T	-0.016
rs1458256	T	0.0378
rs76108219	G	0.0587
rs6811464	G	0.0431
rs77989489	G	-0.1054
rs10000337	C	0.0208
rs147714297	G	0.0741
rs147370082	C	0.0668
rs362295	T	-0.0269
rs77387316	A	0.0655
rs139107289	T	-0.0262
rs17220803	G	0.0387
rs870254	T	-0.0179
rs114695288	A	-0.0453
rs76925111	T	-0.0314
rs35262760	G	-0.0627
rs10866375	C	-0.0222
rs10016781	C	0.0297
rs61796366	T	0.0477
rs138642083	G	0.0865
rs34282295	C	-0.014
rs75885633	G	-0.0386
rs867901	A	0.0136
rs114259703	C	0.086
rs4834645	A	0.0464
rs80001358	G	0.0873
rs115305208	A	-0.0903
rs112525754	T	0.0309
rs75730666	A	-0.0555
rs4150050	G	0.0967
rs74809004	A	0.0528
rs75351311	G	0.045
rs11723911	C	0.0144
rs115633834	T	-0.0351
rs7696751	G	-0.0449
rs17866055	T	0.0742

rs140148069	G	0.0919
rs76317969	T	0.0633
rs55954642	G	-0.0301
rs6810826	C	-0.0179
rs6534199	C	-0.015
rs115023710	G	-0.0575
rs2377343	T	0.0162
rs149006708	A	0.1071
rs73254187	A	-0.0535
rs72863289	C	0.0383
rs17051393	T	0.0637
rs112004717	T	0.0282
rs908519	A	-0.0262
rs1532111	G	-0.0162
rs115473383	A	-0.0714
rs76664089	A	0.0555
rs143372969	G	0.0326
rs150936720	T	-0.0891
rs9684033	A	0.0171
rs1014107	T	0.0165
rs114722171	T	0.0478
rs62352444	C	0.0681
rs4463046	G	0.0399
rs79761604	T	-0.0622
rs77870399	A	0.0831
rs2546265	C	0.0149
rs62309457	C	-0.1234
rs115239504	G	-0.0428
rs2715502	C	-0.0166
rs2199864	G	0.0382
rs140033802	T	-0.0714
rs17769247	T	-0.0881
rs10029608	A	-0.0203
rs56752646	C	0.027
rs6854845	T	-0.0333
rs116591243	G	0.0995
rs10004241	G	-0.0289
rs4392536	T	0.0223
rs115994051	A	-0.0806
rs77309928	T	0.0537
rs116122817	C	-0.042
rs1542378	C	-0.0145
rs58298942	A	-0.0173
rs2655618	G	-0.0152
rs6834832	A	-0.0175
rs75491619	T	-0.0557
rs11943475	C	0.0153

rs17574371	C	0.0142
rs57261722	T	-0.0554
rs6851797	T	0.0139
rs4698852	C	0.0424
rs78863713	C	-0.0603
rs11726260	A	0.0149
rs145661760	A	0.0799
rs76582963	T	-0.0341
rs62308735	C	-0.0216
rs115970217	G	0.0171
rs9993336	A	-0.0714
rs1063151	T	-0.0248
rs13108616	A	-0.0205
rs59355699	C	-0.0249
rs6827843	C	0.0134
rs736674	G	-0.0349
rs36078840	G	-0.0793
rs400678	G	-0.0181
rs147299832	G	-0.071
rs17032387	T	0.0196
rs74856260	T	0.0263
rs6816649	G	0.0191
rs13104420	G	0.0244
rs72693406	T	0.0176
rs2685866	T	-0.074
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rs139672104	T	0.0597
rs34898499	A	0.0651
rs80067741	T	0.0249
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rs73239370	A	-0.1081
rs116065624	T	0.0791
rs116691759	C	0.0675
rs78005365	A	0.022
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rs79691651	T	0.0595
rs114641211	T	-0.0988
rs115921702	A	0.0963
rs6835474	A	-0.0336
rs148924932	A	0.0505

rs4323082	A	-0.0142
rs35750280	C	0.0196
rs145384171	G	0.0582
rs10032416	G	0.017
rs62319078	C	-0.0881
rs141836460	C	-0.1085
rs6448325	G	-0.0186
rs13101249	A	0.0156
rs73221022	T	-0.0819
rs73244158	T	-0.0378
rs143917378	A	-0.0937
rs4413432	G	-0.0134
rs35904132	T	0.0411
rs34396693	T	-0.0351
rs140095952	G	0.0288
rs75637866	A	-0.1054
rs115594004	G	-0.0843
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rs76327739	C	-0.0673
rs9991331	A	-0.015
rs17013067	C	0.0599
rs74427837	C	-0.0296
rs6829590	A	-0.0137
rs151058672	T	0.0776
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rs56073057	G	0.0169
rs13141808	T	-0.0361
rs74998579	T	-0.0616
rs150546616	A	-0.0958
rs73240512	A	-0.0337
rs28836302	C	0.018
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rs34859034	C	-0.021
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rs140496301	A	-0.1022
rs62286511	T	-0.0191
rs6535769	C	0.0487
rs11099970	T	-0.0136
rs12502083	A	-0.0616
rs12643206	A	0.0237
rs11929786	A	-0.0162
rs115755640	C	0.0319
rs41482647	A	0.0384
rs57379050	A	0.0161
rs416532	T	-0.0144
rs77457861	G	0.0186
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rs116513718	C	-0.0845
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rs115803013	C	-0.0897
rs17806047	G	0.0199
rs57571700	G	-0.0197
rs7356467	C	-0.0166
rs72651422	C	-0.0525
rs143681418	G	-0.0529
rs72687556	C	-0.0864
rs116613191	G	0.0373
rs6817509	T	0.0142
rs115269046	T	-0.1045
rs149399211	C	-0.082
rs17216857	C	-0.1047
rs61792749	C	0.0657
rs529548	A	-0.0666
rs146907981	A	0.0971
rs72690577	A	0.0371
rs78441639	G	0.0276
rs75903066	C	-0.038
rs79209825	C	0.0753
rs1247657	T	0.0428
rs138346015	A	0.0679
rs76860403	A	-0.0155
rs2343337	T	0.0486
rs138325014	A	-0.0666
rs2046911	T	-0.0152
rs116506677	A	0.0738
rs4956225	T	0.0156
rs139345681	T	0.0704
rs72703281	T	0.042
rs881821	T	0.0159
rs987761	T	-0.0517
rs7676241	T	-0.0215
rs115719909	A	0.0895
rs6830207	T	-0.04

rs116100609	C	0.0579
rs77951541	G	-0.0571
rs16994165	A	0.0266
rs116459142	G	0.0419
rs140020432	T	-0.0602
rs13125853	A	0.0136
rs10018596	C	-0.022
rs4568226	C	0.0198
rs62296167	A	-0.0341
rs1495604	G	0.0145
rs62337393	A	0.0451
rs115866142	A	-0.0709
rs2925949	A	0.0156
rs6832419	C	0.0304
rs62314594	G	0.0471
rs2635300	G	-0.0138
rs77425374	T	-0.0395
rs1493494	A	-0.0139
rs6823459	T	-0.0301
rs28404065	T	-0.0514
rs6856337	T	0.1048
rs72688873	C	-0.0777
rs79189251	A	0.0923
rs75641776	C	-0.0732
rs117159611	G	0.0773
rs2130910	C	-0.0136
rs115052993	A	-0.0638
rs7670208	A	-0.0134
rs4586959	A	0.0132
rs80345003	T	-0.0269
rs4647673	A	0.0604
rs7668703	C	-0.017
rs12502291	A	0.0143
rs71607084	G	0.058
rs12507282	T	-0.0416
rs60064743	T	-0.0363
rs60658182	T	-0.0259
rs142261894	G	0.0883
rs73079836	C	0.0916
rs3857127	G	0.0654
rs80102378	A	0.0589
rs115707275	G	-0.0208
rs79786561	T	0.0311
rs76511751	G	-0.0343
rs7698394	A	0.0153
rs6816601	C	-0.0289
rs74440608	T	-0.0265

rs73240004	A	-0.0505
rs77524927	A	0.0373
rs72731813	C	-0.0283
rs60921750	A	-0.0522
rs147750317	C	0.0862
rs115049627	T	-0.0538
rs7356322	C	-0.0146
rs56870995	G	-0.0459
rs55749130	A	-0.0181
rs74469534	G	-0.0732
rs143221278	A	-0.0971
rs7688569	G	0.0133
rs72860945	T	0.0638
rs7661902	T	0.0218
rs150479353	T	-0.0467
rs71605278	G	0.0406
rs3755930	C	-0.0172
rs6837163	G	0.0147
rs1501088	T	-0.0176
rs6850210	G	0.0386
rs75319944	G	-0.1231
rs17005477	T	-0.1094
rs75045209	A	0.0589
rs140196194	T	-0.0905
rs2130710	C	-0.0144
rs116147980	C	0.0967
rs10022893	T	-0.0353
rs9993867	C	0.04
rs77530859	A	-0.0519
rs12644253	C	0.0214
rs11737742	C	-0.027
rs1490514	T	-0.0139
rs2136836	C	0.0153
rs143872378	C	-0.0741
rs17007428	A	0.0238
rs34130053	T	0.0155
rs115917706	A	0.0703
rs2723703	G	-0.0209
rs143345300	T	0.0655
rs73225904	C	0.0179
rs11733577	C	0.0151
rs73212839	A	-0.0521
rs265044	C	-0.0231
rs7677315	G	-0.0152
rs138744563	A	0.1117
rs80275242	T	-0.0456
rs10012103	A	0.0148

rs141854516	C	0.0592
rs9312338	G	-0.0151
rs11930659	G	-0.0144
rs34303262	C	-0.0137
rs17026425	A	-0.0323
rs76929596	T	-0.0545
rs9647502	A	0.0599
rs11734663	T	-0.0135
rs28532756	G	-0.0482
rs13142026	G	-0.0181
rs2925955	G	-0.0155
rs79504425	A	0.0202
rs36058391	C	0.0139
rs67162091	A	0.1085
rs113879390	A	-0.0888
rs2089273	T	0.0221
rs539981	T	0.0233
rs4689083	C	-0.0166
rs16877538	T	-0.014
rs11731595	C	0.0133
rs17474982	A	-0.1066
rs73001082	A	-0.0231
rs145615979	A	-0.0812
rs62412479	A	-0.0311
rs2388933	G	0.0133
rs9997607	C	0.0263
rs11098639	C	-0.0188
rs72728315	T	-0.0693
rs1467069	T	0.0162
rs114591387	T	-0.1118
rs1055582	C	0.0135
rs11725808	C	-0.0173
rs115709780	T	-0.0853
rs1554242	A	-0.0165
rs12696795	G	-0.016
rs1120962	A	-0.0158
rs7657521	C	0.0148
rs72704711	C	0.0162
rs11248043	A	-0.0168
rs7688836	A	0.0192
rs79100322	T	-0.0992
rs28886635	T	-0.0142
rs75325658	A	0.0686
rs34229152	C	-0.0143
rs77123256	A	-0.0421
rs78954448	C	-0.0462
rs12643033	G	-0.0226

rs12647542	T	-0.0178
rs433030	G	-0.0145
rs115787965	A	0.0401
rs1425353	C	-0.0201
rs9332472	A	-0.0134
rs75333659	C	0.0344
rs143124643	A	-0.1114
rs148838662	T	0.1089
rs79608299	C	0.0341
rs2668076	A	0.0236
rs146184956	G	-0.0579
rs78892287	A	-0.0742
rs28440053	C	0.0164
rs116535121	A	-0.074
rs77053085	A	-0.0985
rs6853485	A	0.0184
rs73247924	A	-0.0259
rs4001511	C	0.0428
rs7698475	A	0.0293
rs604612	G	0.0149
rs7669704	T	-0.0669
rs2227432	C	-0.0659
rs115976359	A	-0.0715
rs79577513	T	0.0651
rs35444370	G	0.1008
rs74935246	C	-0.0595
rs1511812	G	0.0145
rs75835097	T	0.068
rs4864744	A	-0.0646
rs62312124	C	0.0717
rs115354345	T	0.0445
rs74603265	T	-0.0665
rs113403372	C	-0.0271
rs79753543	C	-0.0253
rs6848626	C	-0.0279
rs140869774	T	-0.0826
rs116774593	T	0.0811
rs78715035	A	-0.0865
rs115503346	G	-0.0703
rs141838667	C	0.0656
rs115088286	T	-0.0929
rs11937375	G	0.024
rs35854135	A	0.0263
rs138065239	T	-0.0711
rs17009332	C	-0.0181
rs116162225	C	0.0757
rs10008011	A	0.0144

rs145651706	T	0.0997
rs144145326	T	-0.0803
rs115869963	A	0.0961
rs78022159	A	0.0304
rs73250989	C	0.0475
rs7684253	C	0.0133
rs7675461	C	-0.0574
rs76173688	C	-0.0654
rs72691128	A	-0.0739
rs13146346	T	0.0173
rs140023275	G	-0.0706
rs76738301	A	0.065
rs6839554	C	-0.0147
rs149053795	G	0.0751
rs6849755	C	-0.0994
rs17069804	A	0.0206
rs66772971	A	0.0219
rs72703848	C	0.0211
rs114484584	T	-0.0524
rs112802429	C	0.0877
rs116208837	A	-0.0612
rs75247713	A	0.0414
rs72721463	A	0.0235
rs75188535	A	0.0611
rs138836712	C	-0.0584
rs7681078	G	-0.0141
rs17708700	C	-0.0529
rs143905860	T	-0.0666
rs55728583	C	-0.048
rs10012735	G	0.0245
rs6854437	G	0.0143
rs12642347	C	0.0136
rs9997683	C	-0.014
rs728313	A	-0.023
rs1402035	A	0.0191
rs142322223	T	0.0634
rs34538074	T	0.0349
rs75103631	A	-0.0637
rs77462780	A	0.0182
rs2716828	C	0.0516
rs61428787	C	0.032
rs142181349	T	0.0676
rs10009186	T	0.0337
rs74752780	T	-0.0319
rs1355330	A	-0.0494
rs17460302	T	-0.0145
rs75532445	A	0.0293

rs17028947	T	-0.0521
rs79352743	A	-0.0779
rs79408599	G	0.1145
rs16841879	C	0.0529
rs146443761	T	-0.096
rs77924538	A	0.0595
rs2369286	A	-0.0148
rs79766815	T	0.0713
rs144671353	T	-0.0459
rs74738251	A	-0.0439
rs76191253	G	0.0778
rs28451202	C	0.0714
rs2279180	G	-0.0301
rs145145930	G	-0.0874
rs143697415	T	0.0735
rs6847625	A	-0.037
rs77800329	A	0.0179
rs13142018	G	0.0137
rs76562867	G	0.0967
rs114147201	G	0.0915
rs13137046	G	0.0149
rs143701692	A	0.0706
rs113741360	T	0.0607
rs28548978	G	-0.05
rs12504307	C	0.0142
rs114179515	G	0.0744
rs141185216	C	-0.0831
rs973972	T	0.0337
rs28612633	T	-0.0276
rs73875751	A	-0.0703
rs143627680	A	-0.0569
rs6836284	T	-0.0168
rs4240327	C	-0.0133
rs56133353	T	-0.0256
rs3775883	G	0.0159
rs1154475	G	0.0138
rs35049336	G	-0.031
rs112204462	G	-0.0272
rs17033763	A	0.025
rs7671363	A	0.0192
rs10034919	A	0.0134
rs10517575	G	0.0269
rs13110001	A	-0.0329
rs55844913	T	0.0291
rs807765	G	-0.0174
rs75976865	T	-0.0389
rs895982	A	0.0131

rs72713365	T	-0.0649
rs150068135	T	0.0769
rs4234876	C	-0.0234
rs6826089	T	-0.0244
rs72657270	T	-0.0288
rs6838448	T	-0.0587
rs11729652	C	0.023
rs62321802	G	-0.031
rs61792587	A	0.0265
rs142876008	A	-0.0826
rs12331264	C	0.0166
rs2877886	C	0.015
rs17251949	G	-0.046
rs73218392	T	0.044
rs115963760	G	0.0805
rs4546230	T	0.0165
rs10517076	G	-0.058
rs13125340	C	0.0131
rs62320820	G	0.033
rs1922869	G	0.0147
rs17474390	C	-0.0874
rs3088349	C	0.0162
rs73125566	C	0.029
rs79962849	T	0.0223
rs142587822	A	-0.0515
rs62312799	T	-0.013
rs115211562	C	-0.0478
rs138310084	C	0.0746
rs16888411	G	0.0567
rs72737511	T	0.0519
rs10027990	A	0.0749
rs313946	C	-0.0405
rs10050011	C	0.0135
rs4431237	A	0.0502
rs56287001	C	0.0552
rs147797782	C	-0.0765
rs115003607	G	0.1009
rs13122589	C	0.0164
rs6831797	A	0.0228
rs6839293	T	0.0288
rs1046325	G	-0.0346
rs1154578	C	0.014
rs35707094	T	0.0144
rs16844280	T	0.0352
rs12640449	G	0.0227
rs34188526	A	0.065
rs79916008	A	-0.0623

rs16884306	G	-0.0821
rs115413543	A	0.101
rs425656	T	0.0131
rs75536561	A	0.097
rs13136603	T	0.0275
rs12498793	C	0.0142
rs4637418	A	-0.0549
rs78768431	A	-0.065
rs75743840	C	0.0324
rs12500986	A	-0.0143
rs11724912	T	-0.021
rs34454379	T	0.0137
rs2289252	T	-0.0139
rs62293769	C	0.0294
rs1031711	C	-0.0128
rs72613137	T	-0.0303
rs116540606	C	0.0424
rs6840010	C	0.0703
rs2390030	G	-0.062
rs17039177	A	0.0313
rs13105944	C	0.0194
rs115630926	G	0.0809
rs78878049	A	-0.0374
rs17488527	T	-0.0426
rs79715194	T	0.0746
rs12642689	C	-0.0303
rs79620921	T	0.0313
rs6845023	A	-0.03
rs62310625	T	-0.0256
rs80260421	T	0.0416
rs114261960	C	0.0436
rs1449599	G	0.0473
rs78752199	A	0.0328
rs116829905	C	-0.0799
rs72715410	T	0.0889
rs62308567	G	-0.0264
rs146796998	T	0.0627
rs10470884	A	0.0158
rs55638042	T	0.0752
rs10014967	A	0.0638
rs11724207	C	-0.0138
rs75021526	A	-0.0501
rs55734007	A	0.031
rs335105	T	0.0312
rs16841848	T	0.0234
rs4635813	A	-0.0728
rs116140273	C	-0.0725

rs28475461	G	-0.0622
rs4367173	G	0.0253
rs7672143	C	0.016
rs2874396	T	0.0158
rs10002006	T	0.0145
rs72725284	C	-0.0299
rs62294100	G	0.0334
rs890178	C	-0.0147
rs6852113	T	-0.0143
rs59787036	T	0.0498
rs34234572	A	0.0514
rs73266363	C	-0.1011
rs144975842	G	0.0417
rs28374330	T	0.0696
rs77271124	T	-0.0448
rs66597501	C	-0.0361
rs10517942	C	-0.0141
rs61128722	G	0.0758
rs77960594	G	0.0431
rs1111272	G	0.0146
rs56382002	T	-0.1037
rs466395	T	-0.0382
rs148096819	A	0.0412
rs28722480	A	-0.0155
rs723647	C	-0.0177
rs79452118	G	0.0235
rs114116421	G	0.0532
rs150198051	G	0.0534
rs142301317	T	-0.0279
rs74842465	A	-0.0357
rs76950940	A	-0.0402
rs77270660	G	0.058
rs35021387	C	-0.0308
rs62313603	A	0.018
rs13124830	C	0.0219
rs78918869	T	0.1148
rs116062141	C	-0.0795
rs3775369	A	-0.073
rs140266471	T	-0.1203
rs10013347	T	0.013
rs113687011	T	-0.0377
rs13114867	G	0.0142
rs4833353	C	0.0134
rs116403890	T	-0.0419
rs79472317	T	-0.0852
rs62299613	T	0.0232
rs72673849	G	0.0234

rs72719667	G	0.0779
rs62344606	C	0.0575
rs77457225	C	0.1072
rs114282014	G	-0.1134
rs77819578	G	-0.0738
rs1473907	T	0.0421
rs17478392	T	0.0621
rs114485481	G	0.0808
rs111624656	T	0.0814
rs114927221	C	0.0405
rs35051700	C	0.0127
rs7668648	G	0.0968
rs77023729	T	-0.0815
rs72721099	T	-0.0884
rs79078975	A	0.0404
rs72698777	C	-0.0278
rs62304077	C	0.0488
rs12642597	T	0.0145
rs146205279	C	0.0781
rs72899287	G	-0.023
rs111738580	T	0.0342
rs62325673	C	0.0488
rs114855292	T	0.0265
rs17443969	A	-0.02
rs12498542	A	0.0145
rs79505443	A	-0.0683
rs6822582	T	-0.0134
rs2077835	C	-0.0497
rs150244948	C	-0.0719
rs72693469	A	0.0323
rs115378596	T	0.0832
rs62300678	T	-0.087
rs7664177	C	0.0302
rs76004976	T	0.0472
rs116324087	A	-0.1214
rs77412989	G	0.0326
rs61794860	A	-0.0145
rs7672928	G	-0.0651
rs72672266	G	0.0905
rs12643143	G	0.0216
rs961358	A	0.0325
rs72703209	A	-0.0719
rs58484893	C	-0.0539
rs114142560	T	0.055
rs139242754	G	0.0584
rs13130104	G	-0.0936
rs72708739	G	-0.0319

rs111387761	A	0.0559
rs78726293	A	0.0709
rs141621039	T	-0.0755
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rs116199825	G	0.0817
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rs72726362	C	-0.0544
rs10017643	G	-0.0132
rs112724664	C	-0.0754
rs149149491	T	0.0616
rs79323634	C	-0.0501
rs13148228	A	0.0216
rs17485687	T	-0.0145
rs55773312	C	-0.0155
rs11728803	T	-0.0175
rs150636375	C	0.0565
rs75085493	A	0.1
rs1380281	T	0.0274
rs17658599	C	0.0513
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rs111739744	A	-0.0647
rs113058073	C	0.0443
rs6838575	G	-0.035
rs2114014	G	0.0155
rs4469110	C	0.0163
rs28568466	G	0.047
rs140916640	A	-0.066
rs76841154	T	0.0987
rs62304120	T	-0.0435
rs78666449	C	-0.0299
rs74760563	G	-0.0478
rs72720861	T	-0.0959
rs145674006	C	0.0585
rs2710572	G	-0.0181
rs4269201	G	0.0159
rs17030148	T	0.0155
rs62343174	A	0.0502
rs1021873	A	-0.0131
rs79491066	G	-0.0242
rs148180305	A	-0.1088
rs756418	A	-0.0215
rs115986273	A	-0.0276
rs113281235	A	-0.0849
rs74717094	T	0.0369
rs115860026	A	0.1169
rs74904203	A	0.0383
rs145390754	C	-0.059

rs2134852	A	-0.0136
rs139601548	A	-0.0989
rs13109624	G	-0.0268
rs77487358	C	0.0372
rs2663277	C	0.0137
rs7665974	A	0.0367
rs13113415	T	-0.0167
rs112384946	C	0.0473
rs59333969	C	-0.017
rs2532068	G	0.0394
rs10489024	G	-0.0157
rs6850567	T	0.0126
rs2625269	G	0.0127
rs2303004	A	-0.0262
rs113050373	T	-0.0425
rs145435267	G	-0.0775
rs13106127	T	-0.0317
rs34705431	C	-0.0151
rs60542698	A	0.0348
rs55896550	A	0.0236
rs3750025	A	0.0472
rs17009989	T	0.0858
rs139793780	A	0.0388
rs80339789	G	-0.0301
rs10006251	C	-0.0179
rs2904259	C	0.0124
rs11734500	C	0.0213
rs116633162	T	0.0551
rs72634969	G	0.0502
rs113976141	C	-0.0567
rs28414232	G	-0.0135
rs2200062	A	0.0157
rs17041096	C	-0.0153
rs17090609	T	-0.0133
rs4266295	G	0.0226
rs116400085	G	-0.0629
rs2066860	T	0.037
rs145303625	T	0.0687
rs7654810	C	0.0193
rs7683088	G	0.015
rs3105213	T	0.0211
rs12503847	T	-0.0348
rs6815832	T	-0.0173
rs147333267	A	-0.0711
rs72713887	T	0.058
rs16892822	G	0.0228
rs56336207	A	-0.0636

rs74600125	C	-0.0421
rs112782367	T	-0.0576
rs7667992	G	-0.0133
rs34145586	T	-0.0128
rs13103812	C	-0.0126
rs75667356	A	-0.053
rs297316	A	-0.0518
rs1351999	T	0.0164
rs4689502	T	0.0152
rs4498191	T	-0.0756
rs7663315	C	-0.0125
rs2645373	G	0.0176
rs114333376	G	0.0567
rs151041244	T	0.1114
rs149789986	A	-0.0819
rs2874701	T	0.0679
rs6814470	C	-0.0141
rs6814537	G	-0.0258
rs16836608	G	0.0281
rs6820227	A	-0.0147
rs62327845	A	0.0157
rs80055363	T	-0.0681
rs7685250	A	0.0145
rs115604459	T	0.0273
rs75320067	C	-0.0514
rs72653996	C	0.0384
rs28361346	G	-0.0509
rs149152281	G	0.0662
rs73807455	C	0.0862
rs28709645	A	0.0143
rs75177232	C	0.0183
rs12512990	C	0.0293
rs142698789	A	0.0405
rs35920302	A	-0.0632
rs75716135	T	0.0287
rs17600994	G	0.0874
rs79827153	A	-0.0502
rs2197997	A	-0.02
rs1445517	C	0.0127
rs1280103	A	0.0185
rs72688115	C	0.0325
rs13118559	T	-0.0297
rs72688378	T	0.0447
rs2579320	C	-0.0162
rs111381852	C	0.065
rs111972211	A	-0.0526
rs114920802	A	0.0892

rs78581805	C	0.0295
rs143541907	A	0.0597
rs144326497	T	-0.1093
rs10517257	G	-0.0222
rs75260233	T	-0.0952
rs60145083	A	-0.0145
rs10030227	T	-0.0246
rs278981	T	0.017
rs73825872	T	0.0579
rs13108370	C	0.013
rs78412343	C	0.0545
rs9999052	G	-0.0176
rs7698802	G	-0.0208
rs2465564	G	-0.0134
rs144250889	C	0.0791
rs17073038	T	0.0293
rs72705293	T	0.0243
rs77671372	T	0.0368
rs2518649	G	-0.0129
rs13132424	A	-0.0274
rs2726811	T	0.0138
rs28452978	C	-0.0573
rs6841725	C	0.0201
rs147838724	T	0.0843
rs1847	C	-0.0192
rs17187034	C	0.0259
rs74552152	A	0.0624
rs115254302	T	-0.0956
rs115834320	C	0.0903
rs62302162	A	0.0484
rs7664469	A	0.0214
rs11731138	T	-0.0203
rs79758596	G	0.048
rs77308532	A	0.0936
rs115661801	T	-0.1204
rs76981581	G	0.0345
rs143654149	G	0.1173
rs17734810	C	0.0439
rs10007997	G	-0.0259
rs116547082	A	-0.0597
rs72689395	A	0.0566
rs2053146	A	-0.0213
rs4261944	G	0.0134
rs138460610	G	0.0644
rs58501865	A	-0.0206
rs28416022	G	-0.0194
rs10428352	C	-0.0131

rs113042507	A	-0.0363
rs75306802	G	0.0811
rs144910306	A	-0.122
rs78828258	G	0.0936
rs6820691	T	-0.0159
rs113505106	A	0.0476
rs13142719	A	-0.0133
rs116311386	C	-0.0438
rs73196068	T	-0.0299
rs6448412	T	-0.0632
rs116538600	T	-0.059
rs17088983	A	-0.0207
rs17315667	A	-0.1304
rs308443	A	-0.0391
rs142039667	T	0.0716
rs11097187	G	0.0313
rs144326363	C	-0.0555
rs139832172	A	-0.0428
rs80325518	C	-0.0962
rs76048093	C	0.0278
rs1453461	T	-0.0192
rs140954576	A	-0.1208
rs17061992	G	0.02
rs11941003	A	-0.0141
rs5974	G	-0.0183
rs4323098	G	-0.0213
rs4133191	T	0.0264
rs79952106	A	-0.1074
rs7669582	G	0.0274
rs77831141	C	-0.0528
rs146981106	C	-0.0706
rs1568356	G	-0.0158
rs28647985	A	-0.0192
rs28679395	T	-0.0367
rs149447365	C	-0.0587
rs75686099	C	0.0657
rs77013599	C	-0.0228
rs114697781	G	0.0634
rs6532189	T	-0.0146
rs2623763	T	0.0149
rs1907108	G	-0.0177
rs7665843	A	0.035
rs75289776	A	0.0198
rs146789916	C	-0.0625
rs115061835	A	-0.082
rs6840197	T	-0.0326
rs72706237	G	-0.0525

rs7688051	C	0.0131
rs62315632	G	-0.0337
rs61758899	G	0.0245
rs148932443	A	0.069
rs13102235	G	-0.0129
rs115843218	C	0.0511
rs335335	A	0.0422
rs113079469	C	0.0764
rs1384866	C	-0.0186
rs11930336	A	-0.0174
rs6848311	T	-0.0161
rs2646358	C	0.0154
rs9995518	C	-0.0525
rs13136693	T	-0.0326
rs6833324	G	-0.0147
rs139243562	T	-0.0158
rs116825255	C	-0.0532
rs77082848	G	0.0548
rs144143121	A	0.0393
rs16875194	C	0.0272
rs35463994	T	-0.1134
rs12646290	C	0.0185
rs143701489	T	0.1184
rs3894769	T	-0.0195
rs112678111	T	0.0342
rs7664091	A	0.0122
rs17479428	G	0.0435
rs115583847	C	0.0732
rs1054627	A	-0.0132
rs13104450	T	-0.0169
rs79181060	A	0.0321
rs57887870	A	0.0358
rs75337177	T	-0.0693
rs28368871	C	-0.0447
rs77149392	A	0.0456
rs17053820	C	-0.0376
rs16874043	C	0.0319
rs71602049	G	0.0835
rs75599161	G	0.0955
rs77831819	G	-0.0948
rs79709405	C	-0.0307
rs6448478	C	0.0165
rs58914557	A	0.0174
rs148023127	A	-0.094
rs75444407	T	0.0666
rs9307943	A	0.0791
rs60389307	A	-0.0191

rs74632674	C	0.0485
rs113163889	A	-0.0403
rs114081993	T	-0.0435
rs148761977	C	-0.1072
rs77067327	C	-0.0259
rs7660783	T	-0.0196
rs17387362	C	0.0229
rs76895873	G	0.0295
rs115284084	G	-0.1082
rs28373940	T	-0.0896
rs10016064	C	-0.0153
rs11725375	A	0.0176
rs11723878	C	0.0257
rs116204264	T	0.079
rs112360366	G	-0.1067
rs72682604	G	0.0595
rs6844264	T	-0.0411
rs148074478	G	-0.0582
rs795992	G	0.0142
rs145819477	C	0.0524
rs116669388	A	0.0546
rs17019342	G	0.0626
rs146783327	A	-0.0804
rs17007461	G	-0.019
rs115119194	G	0.0882
rs9685258	G	-0.0164
rs10031975	T	-0.0476
rs75515823	C	0.0719
rs10470990	T	0.0299
rs13124097	A	-0.067
rs78605761	C	0.0688
rs2916474	T	0.0327
rs55692517	A	0.038
rs144547388	T	0.0771
rs72695229	C	-0.0262
rs114189985	A	0.0374
rs61692318	A	-0.0193
rs116118130	A	-0.0818
rs7686012	T	-0.0285
rs73242347	T	0.0202
rs79922886	C	-0.0557
rs16880035	G	-0.0282
rs112065591	G	-0.0443
rs10001500	T	0.0602
rs17861774	C	-0.013
rs114648143	C	0.0854
rs2970849	C	-0.0132

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rs11943623	A	-0.0175
rs138077980	C	0.0579
rs56358761	G	-0.0498
rs10005147	G	-0.0549
rs74368616	A	-0.0771
rs976001	G	-0.0188
rs6536751	C	0.0232
rs35023653	C	-0.0169
rs77227545	A	-0.0396
rs35102978	A	-0.0445
rs141449612	A	0.0553
rs10518224	A	0.0153
rs72680801	C	0.0343
rs74561860	T	0.0835
rs12643150	G	-0.0139
rs112024750	T	0.0476
rs1866504	C	-0.0767
rs2249919	C	0.0294
rs17000205	C	0.0198
rs60260163	G	0.0412
rs111758279	C	0.0635
rs5022521	C	-0.0279
rs146374540	A	0.0444
rs6531600	A	-0.0178
rs11573041	T	-0.0662
rs113238949	G	0.0562
rs156499	G	-0.0157
rs73079782	A	-0.0892
rs10006241	A	0.0588
rs114749606	A	-0.0775
rs10939067	G	0.0129
rs7700026	T	-0.0768
rs34985265	T	0.0259
rs16839778	T	0.0377
rs7673532	G	0.0246
rs4450973	T	0.0154
rs7660988	C	0.0179
rs74968498	C	0.0641
rs77331508	C	-0.0647
rs10516362	G	0.0129
rs115299211	T	0.047
rs35553871	T	-0.072
rs112183105	A	-0.0495
rs144453403	T	0.1036
rs114690495	A	0.0879
rs6828524	A	-0.0233

rs80042470	A	0.0483
rs11727783	A	-0.0164
rs114263002	C	-0.046
rs143117497	C	-0.0733
rs76305126	T	-0.0422
rs112410436	T	0.0553
rs141259832	C	-0.109
rs72704717	C	-0.0945
rs17032377	A	-0.0244
rs9784544	A	-0.0426
rs137880278	A	0.0487
rs116611691	A	-0.0471
rs111603381	A	-0.0506
rs113503559	T	-0.0401
rs147209087	T	0.057
rs141788353	T	-0.0915
rs12650660	G	-0.0235
rs35865772	A	-0.024
rs61257777	A	0.0212
rs139946262	G	0.0505
rs76481189	A	0.0526
rs116831417	T	0.0544
rs73204282	T	-0.0185
rs77914920	A	0.0341
rs1715064	G	-0.0155
rs62299190	C	-0.0229
rs72633572	G	0.0159
rs747971	G	0.0172
rs45437095	G	0.0536
rs74493537	T	0.0398
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rs114619705	A	0.0432
rs80295807	G	-0.0853
rs35206598	C	-0.0137
rs115367447	A	-0.061
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rs80228165	A	-0.0496
rs145543860	A	0.1362
rs9996614	T	-0.0914
rs146815286	A	-0.0683
rs112075037	G	0.0433
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rs7688320	A	0.0125
rs114152620	A	0.0334
rs141697485	T	0.0742

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rs55784741	T	0.0813
rs72673933	T	0.0221
rs62353178	A	0.042
rs4860389	T	0.0154
rs2218313	A	-0.0158
rs11933277	T	-0.0132
rs13137823	G	-0.015
rs75646154	G	0.0276
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rs111866232	C	0.0797
rs113966581	G	-0.0625
rs78114505	C	0.0258
rs147546210	T	-0.0225
rs62311785	G	0.0214
rs75979407	T	-0.0969
rs73208967	T	-0.0131
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rs4993359	G	-0.0243
rs2390564	G	-0.0166
rs1546635	G	0.0141
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rs77455573	T	-0.0482
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rs143491682	C	0.074
rs567947	G	-0.0159
rs72668988	A	0.0307
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rs7658620	A	0.0225
rs2322638	A	-0.013
rs13134845	G	0.0131
rs35534616	T	-0.0124
rs3135134	T	-0.0146
rs41265695	C	0.0658
rs34127201	A	0.0481
rs62299362	T	0.0147
rs17473132	A	0.0238
rs112904351	T	-0.0219
rs62320150	C	0.0189
rs6847703	C	-0.0442
rs78424422	C	0.0352

rs114231476	T	-0.0576
rs12647760	A	0.0515
rs61796102	T	-0.0441
rs79013856	T	-0.0398
rs13112818	G	0.023
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rs4241969	A	0.0124
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rs150743878	T	-0.0759
rs6831434	G	-0.0132
rs55821538	A	0.0414
rs114791756	T	0.0521
rs56072709	G	-0.0389
rs62322606	A	0.0375
rs12511226	T	0.0293
rs73242617	C	0.0405
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rs28843091	T	-0.026
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rs114220378	C	0.0812
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rs1991343	C	-0.0179
rs75421328	G	0.0443
rs2091593	C	-0.0143
rs12513036	A	-0.019
rs35089837	T	0.0128
rs72634884	T	-0.0192
rs13134055	A	-0.0636
rs35312595	G	-0.0246
rs77415466	A	0.0293
rs162182	C	-0.0176
rs45586132	C	0.0316
rs7435060	T	0.0273
rs4690222	G	-0.0187
rs78814145	A	0.0204
rs34267163	T	0.0177
rs145709309	A	0.1108
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rs79602184	G	-0.0518
rs145601035	G	-0.0623
rs17611679	G	0.0896
rs35776876	G	0.0628
rs6846208	T	0.0129
rs77017980	A	-0.0318
rs36000833	A	-0.0173
rs12507081	T	0.0171
rs2359333	C	-0.0123
rs4429772	G	-0.0158
rs75251367	T	0.0276
rs76030962	T	0.0357
rs76771487	G	0.056
rs114314900	T	0.0297
rs1159937	C	0.0147
rs17033903	C	0.015
rs142637156	A	0.0778
rs982136	A	0.013
rs2375995	C	0.0241
rs79816038	A	0.0413
rs146247451	C	0.0729
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rs79092780	C	0.0991
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rs12511782	A	0.0283
rs76531629	C	0.0642
rs1809331	C	0.0134
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rs75492219	A	0.0686
rs115015366	G	0.0285
rs6840869	C	0.0341
rs79922310	T	-0.0203
rs114178353	C	-0.0606
rs2575657	C	-0.0158
rs1618748	A	0.0148
rs79047498	C	0.0296
rs17579878	G	-0.0161
rs138599125	A	-0.0138
rs13104338	T	0.0279
rs73237014	A	0.0259
rs6843116	C	-0.0147
rs142175911	G	0.0941
rs62334032	T	0.0719
rs72696047	T	-0.0401
rs746643	T	0.0136
rs79166410	C	-0.0522
rs72696034	T	0.0236

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rs4241602	A	0.0227
rs12500198	A	-0.0169
rs62306887	G	0.0126
rs67252769	G	-0.0206
rs11466657	G	-0.0324
rs115251023	A	-0.0776
rs1863291	C	0.0203
rs17302938	G	0.0601
rs17499632	T	0.028
rs57287943	A	0.0146
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rs138475412	G	-0.0824
rs147170079	G	0.0644
rs10021112	G	0.0358
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rs73841244	C	0.0552
rs115505607	G	-0.0556
rs11944616	G	-0.0257
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rs17178078	G	-0.0121
rs150960094	G	0.0643
rs3118617	C	-0.0123
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rs77458593	G	0.0886
rs10034327	T	0.0285
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rs112494819	A	-0.0272
rs78200420	C	0.0532
rs1544891	T	-0.013
rs6533621	A	-0.0145
rs71614803	A	0.0477
rs75901184	A	0.0836
rs11736449	C	0.0123
rs141363149	A	0.0594
rs6854615	G	-0.0136
rs115600749	A	-0.0608
rs144870922	A	-0.0914

rs10035051	G	-0.0353
rs6829704	T	0.0236
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rs7694661	A	-0.0136
rs62310258	T	-0.0325
rs141935888	A	0.0677
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rs78992326	G	0.0342
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rs2200224	G	-0.0355
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rs60131146	T	0.0278
rs13107382	G	0.0182
rs115172214	T	-0.0451
rs6813810	T	-0.0151
rs112477645	A	0.0197
rs11737732	C	-0.0863
rs17807493	T	0.0489
rs71611994	G	-0.0335
rs72729599	A	0.0677
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rs79160322	A	0.0362
rs75317105	C	-0.0732
rs7696128	T	0.0124
rs1842468	T	0.0293
rs17410566	T	0.0307
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rs1038882	G	-0.012
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rs78503489	G	-0.0645
rs116256903	A	-0.0618
rs78105870	G	0.1157
rs2164380	G	-0.0138
rs10520454	A	-0.0392
rs79425579	A	0.0562
rs116196541	C	-0.0674
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rs2099930	A	-0.0194
rs9998370	A	0.0124
rs66470270	A	-0.019
rs33920275	C	0.0246
rs4566597	C	-0.0213
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rs1991268	T	-0.0152
rs112043767	A	-0.0525
rs116042430	C	-0.0478
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rs111462916	G	0.0503
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rs150267829	G	-0.087
rs17265016	A	0.0212
rs76242377	T	-0.0486
rs6826179	C	0.0176
rs57367677	A	0.0413
rs55741542	C	-0.0536
rs17071237	T	0.0193
rs79524050	G	-0.066
rs2648113	C	-0.015
rs10937831	T	-0.0143
rs116551886	C	-0.1014
rs146517239	A	0.033
rs12642441	G	0.0249
rs112299167	T	0.0209
rs150570072	G	0.0464
rs11099996	C	-0.0222
rs11132595	C	-0.0208
rs4145719	T	-0.0692
rs34646028	A	0.0276
rs12508279	T	-0.0122
rs7696714	T	-0.0237
rs72639907	A	0.0733
rs79897733	A	-0.0406
rs67103969	G	-0.0172

rs4862107	C	0.0177
rs77959603	G	0.0259
rs114716640	A	0.0379
rs34085601	C	0.0308
rs77951209	A	-0.0432
rs4697187	A	-0.0565
rs17416271	C	-0.021
rs9291486	C	-0.0191
rs72661865	A	0.0153
rs78134251	T	0.0366
rs116585618	A	-0.0896
rs17066389	G	0.0499
rs72704803	T	-0.0296
rs116710881	T	0.0669
rs7674810	C	-0.0252
rs7664247	C	0.0338
rs144990408	G	-0.0692
rs62312231	A	0.0709
rs79799283	T	0.0341
rs148275869	A	0.0771
rs7697884	T	-0.0128
rs2540818	G	0.0177
rs79625633	T	-0.0354
rs35724565	C	0.0541
rs116557595	A	0.0712
rs2079168	A	-0.0334
rs6831604	A	-0.0142
rs73238622	C	-0.0441
rs74972281	T	-0.0885
rs75876629	A	-0.0227
rs10029819	T	0.0118
rs6852077	T	-0.045
rs114990332	A	0.0421
rs9307949	T	-0.0226
rs74860252	T	-0.0393
rs6841555	G	0.0296
rs13106979	A	0.0478
rs142403753	A	-0.0732
rs6838672	A	-0.0214
rs74498004	T	0.0456
rs116509572	A	0.0664
rs4330344	G	-0.0121
rs2715491	A	-0.0152
rs73250544	C	-0.08
rs75953447	G	-0.0434
rs116818776	T	0.0511
rs115735835	A	0.0642

rs114917848	G	0.0613
rs13123967	G	-0.044
rs34605225	T	0.0317
rs75398860	A	-0.0289
rs115092621	T	0.0477
rs76582138	G	-0.0692
rs77429063	G	0.0667
rs17031902	A	-0.0257
rs72709703	C	-0.0325
rs7654453	A	0.0166
rs143414453	G	0.0826
rs11728514	C	-0.0135
rs62347971	C	-0.0378
rs11722706	C	0.0287
rs73228078	T	-0.0969
rs116661626	C	0.0796
rs34414264	T	-0.0308
rs80210404	T	-0.0435
rs6818906	T	-0.0153
rs59744562	A	-0.0573
rs62297217	A	0.0237
rs151216952	T	0.0719
rs74320998	T	0.0345
rs115600998	T	-0.0641
rs60159418	A	-0.0375
rs13119586	A	0.0223
rs56065596	G	0.0278
rs6850375	T	0.0587
rs17072322	G	-0.0292
rs12648041	T	-0.0146
rs115431666	C	0.0628
rs111349657	T	-0.073
rs72696737	C	-0.0457
rs34508937	G	-0.0594
rs4833071	C	-0.0132
rs12642545	G	0.0143
rs6833032	T	0.0397
rs115387987	G	-0.0514
rs2306987	A	-0.0128
rs112398830	A	0.0319
rs116186246	A	0.0612
rs4631018	C	-0.0413
rs13136286	T	0.0592
rs57796775	T	-0.0996
rs74883009	A	-0.0534
rs116184407	G	0.0561
rs75570306	C	0.0422

rs17060062	G	0.0706
rs143023608	A	0.075
rs6552614	T	0.0398
rs116260148	A	-0.0583
rs1375884	A	-0.05
rs10017370	G	-0.0121
rs13149119	T	-0.0118
rs62297884	T	-0.0398
rs77761944	A	0.0536
rs36025732	T	-0.0239
rs17219642	C	0.043
rs62330731	G	-0.0188
rs28507478	A	-0.0426
rs60877918	A	0.1253
rs55814940	A	-0.0132
rs55639924	C	-0.0908
rs7690527	T	-0.0466
rs143354489	A	-0.0549
rs115683945	T	0.0591
rs4447895	A	0.0217
rs62314265	C	0.0118
rs13435237	G	-0.022
rs146142952	C	-0.0291
rs4361462	T	0.0401
rs77827930	T	0.0324
rs62302869	A	-0.0528
rs28497513	C	0.0166
rs147377744	T	0.0925
rs17017760	G	-0.0435
rs6536872	T	-0.0475
rs114941583	A	-0.0594
rs114536872	A	-0.0624
rs11099644	G	-0.0122
rs74692880	A	0.0428
rs13150420	G	-0.0123
rs4864514	G	-0.0224
rs11736226	C	0.0134
rs61741104	A	-0.0284
rs62322865	C	-0.0282
rs147693595	A	-0.0448
rs115593782	A	-0.0436
rs3990470	A	-0.0686
rs13102510	T	-0.0122
rs17609046	A	-0.0283
rs114062434	A	-0.063
rs67144804	T	-0.0207
rs12512593	T	-0.012

rs113246750	G	0.0417
rs115246521	G	-0.0821
rs73218817	G	0.0217
rs113799591	G	-0.0709
rs7669159	G	0.0123
rs17649364	T	0.0659
rs6848512	C	0.013
rs7660944	T	0.0193
rs55638949	G	0.0167
rs62409746	A	-0.0309
rs111996230	C	-0.0307
rs7699162	A	0.0187
rs1553049	G	0.0692
rs115705684	G	0.056
rs116821349	T	-0.062
rs150283950	C	0.0758
rs77705115	A	0.0421
rs79271753	T	-0.0373
rs62326054	T	-0.0127
rs4691373	G	-0.0119
rs72695394	C	0.0397
rs4689325	G	0.0441
rs17838916	A	-0.0534
rs80074255	T	-0.0542
rs62324362	T	0.1108
rs142691199	C	-0.0717
rs115240287	A	0.0523
rs4507398	T	0.012
rs139167733	T	-0.1132
rs62353889	T	-0.0195
rs2319657	G	0.024
rs79187219	A	0.0503
rs74734161	A	0.0248
rs73210498	A	0.0355
rs76556848	T	-0.0614
rs17722979	A	0.0129
rs72693748	G	0.0464
rs4835024	G	-0.0131
rs4235324	T	-0.0211
rs1947642	T	-0.0134
rs149113026	C	-0.0562
rs7666747	C	-0.0172
rs35037113	T	-0.0446
rs76555860	G	-0.0278
rs1492469	C	-0.0251
rs140453100	A	0.0753
rs116233152	T	0.0288

rs116022064	C	0.0352
rs11729980	T	-0.0486
rs17486603	T	0.0651
rs78201835	A	-0.0775
rs9291432	C	0.0444
rs79487986	T	-0.0601
rs62296169	C	-0.0478
rs76893100	C	-0.0433
rs13116233	C	0.0131
rs71609110	T	0.069
rs72703846	C	-0.0337
rs28783671	A	0.0418
rs17722635	C	-0.0142
rs72720229	A	-0.0274
rs76188383	C	0.0563
rs7680240	C	-0.0122
rs115386349	C	0.0371
rs140775992	G	0.0841
rs55660546	T	-0.0216
rs77898750	C	0.076
rs114915622	A	0.0443
rs10856861	T	-0.0166
rs6843541	A	-0.0155
rs223366	A	-0.0184
rs76848474	A	-0.0605
rs145661494	A	-0.0376
rs114940946	C	-0.0596
rs78465742	G	-0.0604
rs17488506	C	0.0257
rs77626049	A	0.0246
rs62350416	T	-0.0293
rs77593302	C	0.0626
rs147194662	C	-0.0392
rs72712397	C	0.0282
rs10022359	A	0.0177
rs7654696	A	0.0219
rs13101978	T	0.012
rs7659266	T	0.0339
rs113107201	C	-0.066
rs34789932	C	0.0187
rs61758485	T	0.0521
rs80146138	T	-0.0168
rs116671429	G	-0.0752
rs145304275	A	-0.0646
rs145057480	G	-0.0427
rs139163993	C	0.0755
rs112587991	C	0.0311

rs10938725	C	0.0175
rs62288627	T	0.0328
rs142515524	T	0.0372
rs2036246	A	-0.0147
rs12643438	A	-0.0188
rs508410	A	-0.0135
rs4077717	T	-0.0254
rs113824284	A	0.0483
rs1399275	C	0.0125
rs4146375	C	-0.0182
rs146034941	G	-0.0535
rs140214797	G	-0.0577
rs55865513	T	-0.0166
rs149004676	G	0.0387
rs79060133	T	0.0652
rs147225031	A	-0.0738
rs995208	A	0.0196
rs73249608	G	0.0177
rs142987945	T	-0.0531
rs76335033	G	0.0347
rs34331669	C	-0.0625
rs17023469	G	0.0262
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rs116300129	A	-0.0351
rs116500770	A	-0.0407
rs73235640	T	-0.0282
rs34016159	T	0.063
rs138058707	A	-0.0332
rs114335285	C	-0.0513
rs6536762	A	-0.0773
rs62321977	G	-0.0232
rs1921568	T	-0.0138
rs62348930	A	-0.0223
rs80089127	A	-0.0597
rs146847371	T	0.059
rs112133317	G	0.0523
rs12647971	A	-0.0128
rs115575008	T	0.031
rs17045456	C	0.0849
rs115944865	T	0.039
rs17006882	C	0.0443
rs114545786	T	0.0785
rs28722043	T	-0.0281
rs11735752	T	-0.0275
rs115398829	C	-0.078
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rs6537272	T	-0.0301
rs111298014	A	0.0527
rs75224621	G	-0.0254
rs1316966	A	-0.0589
rs3752749	T	-0.0148
rs79321814	C	-0.084
rs12331678	T	0.0585
rs76709057	T	0.0753
rs111458124	C	0.0172
rs62307977	G	-0.0695
rs12498222	A	0.0167
rs1947275	T	0.0149
rs12504630	T	0.0501
rs77574460	A	-0.0327
rs62324029	G	-0.0212
rs2203291	T	-0.0166
rs6822242	G	-0.0943
rs62331779	A	-0.0327
rs6812664	G	0.0144
rs9991808	G	0.0187
rs114527714	G	0.0657
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rs150723655	A	-0.0377
rs7681633	A	0.0542
rs6818177	C	0.0129
rs78118666	G	-0.0237
rs10011095	T	0.0305
rs116211738	T	-0.0759
rs13150160	C	-0.0334
rs111664622	G	-0.0656
rs867322	G	0.0122
rs2320303	C	-0.018
rs11732774	G	0.0133
rs62352881	T	-0.0292
rs6838076	G	0.0176
rs34374710	C	0.0143
rs684278	G	-0.0139
rs111774103	G	-0.0853
rs114486715	G	0.0539
rs145239041	G	0.0723
rs78617085	G	0.1189
rs76528335	G	-0.0328
rs72679509	C	-0.0435
rs13102887	G	0.0141
rs2008613	C	-0.0335

rs115905723	G	-0.0729
rs4696168	A	0.022
rs2241839	A	0.0117
rs57583915	T	-0.0284
rs78069690	C	0.0221
rs55796533	T	0.0522
rs13150502	A	0.0166
rs4569733	C	-0.012
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rs147361972	A	-0.0464
rs13143553	C	-0.0781
rs75550769	G	-0.0724
rs4863473	C	0.0235
rs115071032	T	0.0284
rs73853983	C	0.0611
rs142167006	C	-0.0812
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rs116567461	C	-0.0604
rs4443333	T	0.0159
rs144795588	A	-0.0964
rs6812142	C	0.0841
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rs12641833	C	0.0352
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rs6845544	G	-0.0352
rs10001827	T	-0.0136
rs112143865	T	-0.0644
rs78255219	T	0.0879
rs2141473	A	0.0147
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rs13123527	C	0.061
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rs9997074	T	-0.014
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rs72690338	A	0.0302
rs144814353	A	0.0225
rs149016183	T	-0.0919
rs62314890	T	0.0732
rs6842280	T	0.0224
rs231395	T	-0.0195
rs4461470	A	0.0117
rs1267012	C	-0.0155
rs4339221	C	-0.0127
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rs113864744	T	0.0545
rs10013761	G	0.014

rs114983670	T	-0.0647
rs7655962	T	-0.0149
rs1986659	G	-0.0173
rs6813446	G	0.0249
rs72668353	T	0.0229
rs16874096	G	0.0535
rs147575140	C	0.1162
rs76118950	A	-0.0137
rs12644264	A	0.0119
rs17348397	T	0.0194
rs76999605	A	0.0222
rs17668541	T	0.0122
rs73798804	G	0.0179
rs146227453	C	0.0432
rs143136909	A	-0.0498
rs145680037	T	0.0405
rs75771906	A	0.06
rs77027518	G	0.034
rs10021321	G	-0.046
rs115801060	C	-0.0578
rs74704865	A	0.0432
rs2871328	C	-0.0125
rs1052268	T	0.0369
rs11131458	T	-0.0115
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rs116684782	G	0.0839
rs9884694	A	0.0633
rs147801652	T	0.0556
rs2345475	G	0.0114
rs77361155	C	0.0684
rs1545805	A	0.0163
rs9307667	T	-0.0241
rs10084930	A	-0.0122
rs17003750	G	-0.0391
rs116082955	T	-0.0844
rs17865843	T	0.0212
rs6818014	C	0.0144
rs1217961	A	-0.0121
rs141098544	C	0.0762
rs147696464	A	-0.0803
rs62296945	G	-0.0236
rs13137108	G	-0.0141
rs75629616	A	-0.0438
rs10000483	T	-0.0289
rs17066280	T	0.0261
rs145255243	C	0.051
rs17067909	C	0.0193

rs17050970	C	0.0244
rs35141156	A	-0.0211
rs116543843	T	-0.0693
rs59390336	C	0.0128
rs115134771	G	-0.0572
rs13143163	C	-0.0345
rs1568105	C	-0.0157
rs59117546	G	0.0513
rs724198	G	0.0878
rs76611387	T	0.0222
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rs113910469	C	-0.0403
rs74681276	G	0.0398
rs1003983	G	0.0191
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rs76892788	C	0.0371
rs116592363	A	0.0542
rs2711945	G	-0.1128
rs116040389	T	-0.0682
rs113808876	T	-0.0733
rs141351781	G	-0.0469
rs34914667	C	0.0877
rs4862632	G	0.0132
rs4498132	G	-0.0214
rs77765044	A	0.0234
rs55925693	A	0.0755
rs16861114	A	0.0651
rs13115608	A	0.0365
rs114021099	C	-0.0729
rs6822906	G	0.0388
rs1901220	A	-0.0238
rs6834785	G	0.0163
rs79777036	T	0.0727
rs78677278	G	0.0463
rs10008952	T	0.0141
rs4057264	T	0.039
rs139919019	A	0.0877
rs6851506	G	-0.0123
rs142235374	A	-0.0392
rs12507728	A	0.0113
rs17220119	G	0.0417
rs6850106	C	0.0323
rs72679142	G	0.0368
rs2014158	T	0.012
rs115103168	A	0.0718
rs12513098	G	-0.0419
rs76822268	G	-0.0243

rs4635801	A	0.0285
rs2726728	G	0.0398
rs142846998	G	-0.0689
rs149373772	T	0.0713
rs13129689	C	0.053
rs116191943	T	-0.0655
rs114336303	C	0.042
rs80057746	T	-0.0463
rs75292713	T	0.0561
rs13151335	A	0.0183
rs7699584	G	-0.0147
rs141110615	T	-0.0551
rs80227422	T	-0.0305
rs57553744	G	-0.0222
rs28548554	G	-0.0139
rs143810639	C	0.0566
rs71614661	A	0.0332
rs79294668	A	0.0701
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rs62297987	A	0.0522
rs3899861	A	-0.0178
rs60168325	C	0.0151
rs6853889	A	0.0139
rs72660667	G	0.078
rs6553812	T	0.045
rs11731740	T	-0.0113
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rs7665584	T	0.0227
rs114321204	A	-0.0395
rs6531560	A	-0.0117
rs76187177	A	0.0414
rs150997454	G	-0.076
rs78678240	C	0.0406
rs17449015	A	0.0188
rs16892135	G	-0.0142
rs2201220	G	-0.0132
rs6849130	C	0.028
rs117165251	A	0.0458
rs115113022	C	-0.0714
rs150233062	A	-0.0862
rs7671637	C	-0.0157
rs7669404	A	0.012
rs72653244	C	-0.0518
rs2865797	C	-0.012
rs62341495	A	0.0148
rs13143473	C	-0.013
rs112167942	A	-0.0488

rs10857362	C	-0.0124
rs6824345	T	-0.018
rs75083537	A	-0.0384
rs9998543	T	0.0186
rs7687592	C	0.0425
rs117924853	C	0.0603
rs78525314	T	0.0888
rs138649472	A	0.0593
rs28550420	T	-0.021
rs931771	T	-0.0126
rs13126097	G	0.0183
rs72645961	T	-0.0638
rs7689647	G	-0.0147
rs2421236	T	-0.0159
rs141026432	G	0.0582
rs113453557	C	-0.0807
rs11942836	A	0.0251
rs62319296	C	0.0351
rs78848263	C	0.0307
rs78565483	A	0.0374
rs77217464	T	0.0423
rs76368528	T	0.0297
rs79009784	G	-0.0736
rs80238364	C	-0.0495
rs114623700	T	0.042
rs16878154	A	-0.0167
rs114138732	T	0.0566
rs6839765	A	-0.0118
rs145295846	A	-0.0636
rs2940988	C	-0.0248
rs1378957	C	-0.0128
rs2980099	A	0.0206
rs13112855	A	-0.0157
rs11931568	T	-0.0181
rs35809259	A	0.0211
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rs116835130	G	-0.0681
rs78230994	A	-0.0724
rs904141	G	0.0149
rs71612756	A	-0.0886
rs142501148	A	0.0836
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rs62411670	T	-0.0338
rs78462025	A	0.0587
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rs2348215	A	-0.017
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rs71612738	T	0.0152
rs76217821	T	0.0623
rs56054115	T	0.0157
rs16870810	C	0.0205
rs150131655	G	0.0851
rs115271535	T	0.0613
rs116520997	G	-0.0391
rs62303066	C	0.0191
rs12643524	C	0.0206
rs1055138	C	0.0136
rs76618467	T	0.0544
rs1393855	A	0.0121
rs7693131	G	-0.0121
rs55648111	A	-0.0189
rs79441402	G	-0.0417
rs115460030	T	0.0741
rs4696584	A	-0.0138
rs61255859	T	0.0663
rs75951869	A	0.0655
rs6813890	T	0.0196
rs609711	C	-0.0256
rs116236143	A	0.1102
rs35180306	G	0.0855
rs139748544	G	0.0429
rs17747499	A	0.0209
rs56282760	G	0.0115
rs149673075	T	0.0505
rs4689819	G	0.0386
rs78685292	A	0.0494
rs114823420	T	0.0372
rs151162082	T	-0.0542
rs2348862	C	-0.0129
rs148513508	G	0.0789
rs79849354	G	0.0286
rs265058	A	0.0457
rs76558123	T	0.0477
rs76670227	C	0.0426
rs114223719	A	-0.0359
rs77702460	G	-0.0334
rs28528690	A	-0.0138
rs10013807	A	0.0176
rs62410608	C	0.0399

rs150789039	A	0.0796
rs35601030	A	0.0194
rs72714261	G	0.0774
rs114172896	A	0.0878
rs61737724	A	0.0354
rs28651502	G	0.0159
rs12648371	C	-0.0126
rs72665206	C	-0.0905
rs76527399	G	0.0763
rs78398204	T	0.0168
rs75550792	G	-0.0474
rs75918900	T	-0.0391
rs73022614	C	0.0206
rs147975312	A	-0.1244
rs78655856	A	-0.0158
rs80062391	G	-0.0718
rs114626289	G	0.0332
rs115509964	C	0.0629
rs78741583	C	0.0356
rs13108172	C	-0.0381
rs13134245	C	-0.0138
rs7661496	A	0.0263
rs1458686	G	0.0307
rs4697717	G	-0.0156
rs113739929	A	-0.0259
rs73249582	C	0.0249
rs34557714	G	-0.0843
rs62327793	T	0.0253
rs10024994	G	-0.0194
rs17087010	G	0.0615
rs73219994	A	-0.0555
rs77710248	T	-0.0412
rs143870604	T	0.0773
rs13145699	T	-0.0123
rs79696129	A	0.0523
rs1403291	G	0.012
rs116181867	A	0.0597
rs59458976	G	-0.0244
rs6835647	G	0.0163
rs219471	G	0.0174
rs4861535	G	-0.0147
rs116089956	C	-0.0474
rs111817923	T	-0.063
rs75346839	A	0.0231
rs139349490	A	0.1031
rs10856843	G	0.0112
rs71611961	T	-0.0505

rs312340	A	-0.0267
rs28618325	C	-0.0381
rs1158914	A	0.023
rs114582391	C	-0.0644
rs73222960	C	0.0168
rs34826594	G	-0.0708
rs115270634	A	0.0402
rs72713018	G	-0.1024
rs72726676	A	-0.0277
rs1014775	C	0.0163
rs17437134	T	-0.026
rs78794695	C	-0.0494
rs146399812	C	-0.0764
rs75559388	A	-0.0791
rs3821949	A	0.0141
rs4859335	A	0.014
rs72979387	G	-0.0374
rs28735170	A	-0.0132
rs74760122	C	-0.0829
rs142967591	T	0.0152
rs116271755	A	0.0561
rs56226471	A	-0.0121
rs6536301	A	0.0313
rs74378345	A	0.0205
rs1879753	G	-0.011
rs12649911	G	0.0703
rs28606986	A	0.0255
rs6838876	A	0.0191
rs79128394	C	-0.0247
rs73243338	T	0.0124
rs6537383	G	-0.0124
rs1823193	G	0.012
rs115476405	C	-0.0908
rs77606566	G	-0.0511
rs1606723	A	-0.0112
rs10008994	C	0.0229
rs142334461	T	-0.0367
rs78415009	A	0.0469
rs75319126	T	0.0355
rs2868379	C	-0.0352
rs115652982	C	-0.0606
rs328420	A	0.031
rs9996585	G	0.0158
rs116416296	G	-0.0999
rs61790489	A	-0.0494
rs77485526	T	-0.0348
rs74848201	G	0.0718

rs10009026	A	0.0188
rs1448013	G	-0.0134
rs13116446	G	-0.0115
rs138993106	T	-0.0384
rs147950281	G	0.0893
rs972445	T	-0.0269
rs115926856	C	0.0541
rs115400843	G	0.0539
rs55945407	C	-0.0119
rs6842577	A	0.0137
rs115372691	T	-0.0669
rs62324068	T	-0.0268
rs114246295	A	-0.0471
rs4470690	C	-0.0195
rs116534072	G	0.0592
rs150351049	G	-0.0719
rs11732844	A	0.0124
rs1865605	T	0.0115
rs17460870	C	-0.0452
rs17770157	C	0.0549
rs17675820	T	0.0347
rs13106655	G	0.0132
rs3804351	T	-0.0349
rs9312460	A	0.0112
rs6811987	T	-0.0163
rs75827752	T	0.044
rs35935372	C	0.0502
rs13112670	T	0.0176
rs147709711	G	0.0983
rs1229982	T	0.0151
rs6858442	A	0.012
rs13125636	C	0.0155
rs62313690	T	0.0347
rs72693678	G	0.0586
rs7664433	T	0.0126
rs56001106	T	-0.0592
rs4835366	A	-0.0109
rs62324023	T	-0.0184
rs3756193	C	0.0113
rs80040992	T	-0.0368
rs12501045	G	-0.0147
rs114800680	T	-0.0454
rs10020243	A	-0.0126
rs115292547	A	-0.0426
rs73820010	A	-0.0208
rs114979289	A	-0.0375
rs4833402	G	-0.0134

rs11933783	A	0.0424
rs13107434	G	0.0213
rs4293821	A	0.0111
rs143943271	T	0.0835
rs12331489	G	-0.0147
rs144624495	C	-0.032
rs116816317	A	0.0863
rs75741382	G	-0.0555
rs4689707	T	0.0176
rs10020603	T	-0.014
rs111582316	G	0.0585
rs34195451	T	0.0147
rs138436734	T	0.02
rs28699642	C	-0.0223
rs111492413	C	0.0718
rs28830335	C	-0.0208
rs62313211	G	-0.0416
rs74818936	A	0.0748
rs62309875	T	0.0168
rs55752555	G	-0.0354
rs34226052	G	0.0148
rs139827681	A	-0.04
rs57884084	A	0.0169
rs80161101	C	0.0306
rs78421950	T	-0.0208
rs79657099	C	-0.0224
rs141414315	T	-0.0758
rs13115143	G	-0.023
rs74881570	C	0.0456
rs60126904	G	-0.015
rs78476542	A	0.0523
rs72713121	T	-0.0571
rs1203778	G	-0.0113
rs16835988	C	-0.0822
rs62286320	A	-0.0208
rs74536888	G	-0.0464
rs55727267	G	-0.0201
rs12640613	T	-0.0472
rs148680840	A	0.0766
rs73231031	G	-0.0292
rs149412625	T	-0.0651
rs13131489	A	-0.0143
rs6849568	A	0.0125
rs34434726	T	-0.0216
rs2857958	T	0.0123
rs111797185	T	-0.0679
rs13101799	G	0.0288

rs13126844	A	-0.0149
rs6818789	T	0.0222
rs56194929	A	-0.0493
rs60281721	T	0.0116
rs10033127	T	0.0532
rs10937748	G	0.0141
rs149159941	C	0.0742
rs78751809	A	-0.0816
rs10428362	G	-0.0514
rs41467344	G	0.0274
rs77104673	T	-0.0432
rs76552738	C	0.0285
rs116391489	A	-0.0261
rs11726533	T	0.0164
rs116512546	A	0.05
rs11733234	C	-0.0167
rs7683406	A	-0.0115
rs4865203	T	-0.0128
rs75841681	T	-0.0581
rs72680306	T	-0.0506
rs79182054	T	0.0214
rs62332717	T	-0.0187
rs145746291	C	0.039
rs77779319	A	0.025
rs114057921	C	0.0689
rs72719044	G	0.0186
rs78380723	T	0.056
rs7692617	A	0.013
rs2008120	G	0.0132
rs13130328	C	0.0144
rs76557582	G	-0.0402
rs77208088	A	0.0426
rs4588446	T	-0.011
rs115796632	C	0.0448
rs74553384	C	0.0237
rs116238009	C	-0.0558
rs2131462	C	0.0163
rs150066075	C	-0.0944
rs62409308	C	-0.031
rs139046970	T	-0.0904
rs1964744	A	0.0888
rs13141490	G	0.0243
rs4490457	A	-0.0197
rs115269865	C	0.0437
rs72730223	C	-0.0131
rs11933140	T	0.0169
rs145068246	A	0.0619

rs78593693	A	-0.0533
rs11131269	A	-0.0149
rs115772161	A	0.0589
rs142845010	T	0.0854
rs10001655	G	0.0115
rs28838703	G	-0.0183
rs72687749	G	0.0469
rs4588423	A	-0.0141
rs1112771	A	0.011
rs148052581	G	-0.032
rs17038866	C	0.0186
rs77156792	C	-0.0495
rs139681274	A	0.0748
rs73078004	G	-0.0332
rs9994814	C	0.0114
rs111688497	C	0.0291
rs4861923	C	-0.0379
rs112113680	C	-0.0447
rs79409744	A	0.0484
rs17060350	G	0.0188
rs6840582	T	-0.0125
rs68019596	T	-0.0225
rs34131335	C	-0.0634
rs148656764	A	-0.0877
rs145538511	C	0.0451
rs72719999	A	0.1143
rs71603617	T	0.0498
rs72696744	T	-0.0514
rs4382106	A	-0.028
rs6837744	C	0.021
rs72667825	A	-0.0341
rs114411069	T	0.0495
rs72708972	T	0.0218
rs144730126	A	-0.065
rs2324714	A	-0.0131
rs986398	A	-0.0106
rs77924479	A	0.0315
rs77600408	G	-0.0694
rs17222837	C	0.0268
rs4645253	C	-0.0194
rs12643531	C	-0.0112
rs78527278	G	0.0841
rs114750825	A	-0.0446
rs1047725	A	0.0131
rs6819079	G	0.0357
rs1800761	T	0.0136
rs931481	C	-0.015

rs75093179	A	0.024
rs11733199	A	0.0375
rs55702134	T	-0.0209
rs146167422	A	0.0451
rs80165265	T	0.0443
rs79650247	A	0.0501
rs10020692	T	0.011
rs72702990	T	0.0255
rs62301284	G	0.02
rs62272702	C	-0.046
rs113632446	C	0.0451
rs9992521	T	0.0398
rs77207697	G	-0.0438
rs35745995	A	-0.019
rs113563568	T	-0.0244
rs111389986	A	-0.0564
rs34382564	T	0.0126
rs1013340	T	-0.034
rs62341097	A	-0.0329
rs1511674	G	0.0168
rs35435530	T	-0.0316
rs113039810	A	0.0468
rs12501787	A	0.0178
rs3775203	T	-0.0131
rs2589850	C	0.0128
rs77360224	A	0.0649
rs138249633	A	-0.0185
rs11731986	A	0.0136
rs7685881	A	-0.0134
rs28403200	A	-0.0301
rs13152620	C	-0.0186
rs144742597	A	0.0746
rs62315578	C	0.0214
rs139287825	G	0.0432
rs35598812	C	0.0197
rs143944809	T	0.0564
rs729242	G	-0.014
rs79585631	A	0.0352
rs79194082	C	0.0728
rs41346652	T	-0.0255
rs6836031	A	0.019
rs72674370	T	0.0199
rs7694744	T	0.0114
rs13108184	A	-0.0175
rs10029010	G	0.0157
rs12644851	A	-0.0108
rs116692848	G	0.0546

rs35756863	C	0.0604
rs79725276	G	0.112
rs55640212	T	-0.024
rs116324888	C	0.0557
rs115566960	G	0.0575
rs6818762	A	-0.025
rs9683931	A	-0.0159
rs138264345	T	0.0424
rs79866020	T	-0.0396
rs149633167	C	-0.0414
rs62326112	A	-0.0162
rs10025535	G	-0.0114
rs62351566	A	-0.0284
rs4440210	C	-0.015
rs116732080	C	-0.0635
rs111444644	A	-0.0762
rs34200011	T	-0.0223
rs1139102	C	0.0171
rs10002586	G	-0.0319
rs6854454	T	-0.0166
rs17071833	C	-0.0548
rs60981106	A	-0.0466
rs114780141	A	-0.0844
rs6857676	C	-0.0271
rs147324374	G	0.0536
rs56254643	C	0.0181
rs56119267	T	0.0173
rs62295279	C	-0.0481
rs6849535	T	-0.0124
rs114469087	A	-0.0568
rs62345560	G	0.0975
rs12506994	A	0.022
rs142230387	A	-0.0367
rs75097255	T	0.0349
rs72662276	A	0.0813
rs1904087	G	0.0118
rs13101353	G	-0.0137
rs141991026	C	-0.0806
rs2627804	T	0.0114
rs78111919	T	-0.0497
rs62329015	G	-0.0719
rs6841127	G	0.0182
rs7686033	C	-0.0136
rs148180371	A	0.0742
rs67226301	T	0.0463
rs1032147	G	0.0132
rs73244325	T	-0.0229

rs114916669	C	0.0444
rs79773856	T	0.0225
rs72624197	T	0.0187
rs56103802	G	-0.0172
rs6551556	G	-0.014
rs76177903	G	-0.0429
rs116085205	A	-0.0588
rs4505868	A	-0.0504
rs114598925	C	-0.0572
rs140474966	A	-0.0292
rs62324917	T	0.0431
rs41279337	T	-0.024
rs2723704	G	0.0147
rs77955396	T	-0.029
rs77669002	C	0.0301
rs7679919	G	-0.0105
rs843011	T	0.0109
rs142654458	C	0.0525
rs116458351	T	0.0494
rs902092	A	-0.0329
rs114733948	T	0.0538
rs76208593	G	0.0354
rs76232086	G	0.0399
rs72706309	A	-0.046
rs61142079	A	0.069
rs148968017	T	-0.0542
rs11929993	T	0.0221
rs10013576	T	-0.0119
rs4140904	G	0.0122
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rs77378348	A	0.0389
rs4862386	C	0.0141
rs62296899	A	-0.0256
rs6534543	T	-0.0122
rs6552515	C	-0.011
rs598917	A	0.012
rs13139807	A	0.0138
rs62324862	G	-0.0558
rs77380590	G	0.0465
rs13112783	G	-0.0123
rs7673146	C	0.097
rs142447465	C	0.0436
rs78596875	A	-0.0532
rs9291437	C	-0.0112
rs12505145	C	0.0183
rs114619599	A	0.0422
rs12108581	T	0.0108

rs78265026	C	0.0229
rs11131831	G	-0.0122
rs34594334	G	0.0181
rs148737459	A	0.0606
rs76470717	C	0.0662
rs112222948	A	0.0692
rs12509544	T	0.0221
rs3822260	T	0.0132
rs11935426	A	0.0331
rs112752580	C	0.0518
rs116267834	C	-0.0767
rs75914918	G	0.0469
rs114282853	C	0.0592
rs62316502	G	0.0157
rs6848781	C	-0.013
rs11735716	T	0.0233
rs143442029	G	-0.0224
rs76971903	A	0.08
rs114954222	T	0.0571
rs12647216	A	-0.0203
rs2218427	G	0.0119
rs62348839	G	0.0207
rs7696264	T	-0.0128
rs56354979	C	-0.0777
rs11735083	G	0.0105
rs151027077	C	0.0998
rs76062976	T	-0.0493
rs114346935	T	-0.0694
rs72671583	T	-0.0249
rs6964	A	0.0117
rs11098213	T	-0.0115
rs4692694	G	-0.0119
rs10007874	T	0.011
rs28373479	G	-0.02
rs2878896	G	0.0833
rs190982	G	-0.0799
rs74820434	T	-0.2271
rs11575893	T	-0.1629
rs612000	C	0.0959
rs56104517	G	-0.0702
rs3866876	C	0.0673
rs335472	C	0.1523
rs17612068	G	0.0909
rs113983456	G	-0.1834
rs17519383	G	-0.0635
rs2262573	A	0.068
rs17165037	A	0.1095

rs73048835	T	0.1373
rs115348864	C	-0.2923
rs7448632	T	-0.2972
rs244524	C	-0.072
rs143223647	G	-0.1505
rs66465242	T	0.1519
rs9968676	C	0.065
rs2963339	A	-0.062
rs62383917	A	-0.1192
rs1428037	G	0.0752
rs16903631	T	0.0992
rs114529015	A	-0.1776
rs72777476	A	0.2979
rs1990895	A	0.0632
rs12186457	T	-0.067
rs10074473	T	0.0615
rs62346334	G	0.0798
rs3850579	G	-0.0611
rs12519388	T	0.0759
rs77806858	C	-0.1396
rs114376846	T	-0.1906
rs11954152	T	0.1566
rs2962321	C	0.0998
rs251018	G	0.0592
rs4150221	C	0.0645
rs57028257	A	0.0927
rs56033499	A	-0.2497
rs11135367	C	0.0668
rs7724702	C	0.1174
rs4957047	T	-0.1269
rs728676	A	0.0569
rs4868015	T	-0.0589
rs56850397	T	0.1933
rs901248	C	-0.1037
rs62361331	A	-0.1775
rs16903026	G	-0.1241
rs79820174	G	0.1766
rs3853483	T	-0.1022
rs75355668	G	0.1032
rs6869197	A	-0.0564
rs78439831	G	-0.4041
rs12186736	A	-0.2091
rs73279222	C	0.1726
rs11956240	C	-0.0573
rs13152888	T	-0.0832
rs72739043	C	0.1975
rs329115	C	-0.0642

rs6451173	A	0.0552
rs12652626	T	0.1591
rs35425162	C	-0.0554
rs1623177	G	0.0585
rs76227857	G	-0.2836
rs4912711	T	0.1077
rs6886253	T	-0.0778
rs74492263	A	0.1495
rs111658226	G	0.1433
rs74600408	G	0.1154
rs139865894	G	0.1495
rs11740547	A	-0.0916
rs11249708	A	-0.1239
rs58035347	A	0.2094
rs74920379	G	0.0791
rs2913573	G	0.0563
rs6556719	G	0.0683
rs76289392	A	-0.2404
rs79908234	G	0.1276
rs10053217	G	-0.0571
rs970966	G	-0.0534
rs114031822	T	0.2416
rs79153259	T	0.1702
rs4373290	A	0.1006
rs30061	G	0.1845
rs2913271	T	0.1076
rs385767	C	-0.2415
rs12520515	C	-0.0619
rs62385184	C	-0.152
rs71597645	A	0.1113
rs61077555	T	-0.1207
rs1604108	C	0.0619
rs2241350	G	0.1546
rs10941231	G	0.062
rs11747405	C	-0.1739
rs17485836	T	-0.0838
rs11950587	T	0.2281
rs2292152	C	0.2208
rs62389386	T	-0.098
rs7725218	A	-0.0852
rs10477862	C	0.0538
rs78038401	T	0.1035
rs115202009	C	0.1157
rs72708625	A	-0.2246
rs6860504	G	0.0579
rs7719729	G	0.1294
rs6884334	G	-0.0584

rs10039848	A	-0.0513
rs2035436	A	0.0739
rs1183135	C	-0.0626
rs79066364	T	-0.1379
rs4380609	T	-0.0777
rs146135137	G	0.2114
rs77977678	G	-0.4347
rs78479569	A	-0.2014
rs1552912	G	0.0511
rs1396499	T	-0.0552
rs116015987	G	0.1379
rs62383992	A	-0.2776
rs6893973	A	0.0641
rs13174780	G	-0.0797
rs12519176	T	0.0672
rs5744712	C	0.0763
rs291844	A	-0.0539
rs428986	A	0.0507
rs2162895	G	-0.0506
rs57068879	A	0.0701
rs116466727	C	-0.3551
rs17098713	T	-0.145
rs3797171	A	-0.0502
rs112538306	T	0.3171
rs114422851	A	-0.2919
rs17608675	T	-0.0518
rs11958189	A	-0.0723
rs7708505	A	0.057
rs696035	C	-0.0584
rs115429141	C	0.1174
rs302482	A	0.1979
rs56827346	T	-0.0585
rs111648923	T	-0.2454
rs7726575	G	-0.0584
rs144973580	A	0.2522
rs3910076	C	-0.0546
rs116102142	T	-0.0975
rs62405449	C	-0.1074
rs4151681	A	0.256
rs115851441	C	-0.2329
rs72784887	G	-0.0876
rs11749395	T	0.157
rs74984689	T	0.1448
rs76076932	A	0.2188
rs17099178	T	0.1675
rs1502039	T	0.0516
rs73116854	T	0.0599

rs72767222	A	-0.095
rs7723292	G	-0.06
rs17666378	T	0.1901
rs67687414	A	-0.0788
rs114445756	A	0.3019
rs2910013	G	0.1781
rs12523175	A	-0.0499
rs77456049	T	0.1398
rs301716	T	0.1149
rs6863595	T	0.1527
rs76850734	G	0.1535
rs116242568	G	-0.3177
rs1154991	T	0.0814
rs16879928	A	0.1891
rs140291019	A	0.2255
rs79623893	A	-0.3373
rs79993435	T	0.1342
rs17736119	C	0.0589
rs111698352	A	0.1403
rs247461	C	0.0562
rs4912694	T	0.0663
rs77733126	A	0.3919
rs34381583	C	0.0504
rs974836	T	0.1238
rs2279473	A	-0.0706
rs141738660	C	0.234
rs114972489	C	-0.2184
rs74837003	A	0.1381
rs7442874	C	0.2083
rs17372048	T	0.1883
rs17749279	G	-0.1416
rs10039309	C	0.1636
rs1371384	G	0.1232
rs56209232	T	0.1399
rs12234109	A	-0.0514
rs7730802	G	-0.051
rs62395160	G	-0.1116
rs114341981	T	0.1966
rs74357965	C	-0.1509
rs113694806	G	-0.1546
rs4836297	C	-0.09
rs62391182	T	0.1073
rs2607135	C	-0.0717
rs1145622	G	0.0529
rs1017208	G	-0.0514
rs114768612	A	-0.1538
rs250835	G	0.0505

rs7711599	T	0.0985
rs139972771	T	0.0698
rs903866	C	0.1246
rs113352728	C	0.123
rs55791214	C	0.2154
rs732678	C	-0.0628
rs29956	A	-0.055
rs11749859	T	0.0504
rs13165361	A	0.0842
rs72753580	T	0.2041
rs12658002	A	0.0653
rs10478677	T	0.2188
rs395183	G	-0.0529
rs10064672	T	0.1077
rs250811	G	0.0706
rs62382400	T	0.3528
rs78929043	G	0.1476
rs2935534	T	-0.0551
rs62333429	A	-0.0505
rs3924544	A	-0.111
rs12187374	G	0.3503
rs13159296	T	0.6389
rs27890	G	0.1043
rs39965	A	-0.0894
rs28582119	C	-0.2214
rs1846128	G	0.0793
rs2600831	A	0.0492
rs11747114	G	0.0493
rs377451	T	-0.0486
rs61289286	T	0.0911
rs10515536	A	-0.2242
rs11743737	T	0.0504
rs16882272	T	0.2925
rs146438509	T	-0.2765
rs72795080	G	-0.0804
rs17063821	T	-0.0852
rs142987224	G	-0.2748
rs75478241	C	-0.1622
rs78740770	C	0.1702
rs6879644	A	-0.0565
rs266642	G	-0.0663
rs13172430	T	-0.0484
rs10076496	C	0.1787
rs6596755	A	0.0466
rs77222811	C	0.0758
rs2936586	A	0.0705
rs115051461	G	0.225

rs331772	G	0.1689
rs970384	A	-0.0484
rs11740086	C	-0.0485
rs10052340	A	0.0585
rs16877662	T	-0.0492
rs6886107	G	0.0578
rs11960583	T	0.0495
rs252219	T	-0.0496
rs55983975	T	0.2958
rs115791393	G	0.1338
rs61267472	A	-0.0745
rs138863407	G	0.1299
rs111865306	C	0.2051
rs60259893	C	0.1951
rs111293251	G	0.2268
rs13189385	C	0.1172
rs147406061	G	-0.1863
rs11745653	T	-0.2015
rs148149048	T	-0.2987
rs17140078	T	0.0739
rs1904163	T	0.0674
rs2277951	C	0.0602
rs61749834	C	0.1505
rs112822206	C	-0.0792
rs4077328	A	0.0941
rs115179451	G	0.1497
rs72759186	A	0.2678
rs1643967	A	0.0549
rs37004	T	0.0697
rs6554809	T	0.0697
rs11742160	G	0.1897
rs6880993	A	-0.09
rs557292	G	-0.1247
rs6893700	G	0.0628
rs1169649	A	-0.0511
rs147169217	A	-0.2648
rs6871019	C	0.061
rs57792332	T	0.0741
rs12520128	A	-0.2012
rs77338562	T	-0.1678
rs250890	A	0.092
rs326041	T	0.0533
rs6870863	A	0.0927
rs76856123	A	0.0837
rs113749444	A	0.0654
rs12519544	C	-0.0934
rs76987314	A	0.2576

rs7726200	G	-0.0556
rs138908633	A	-0.0807
rs115564017	T	-0.2244
rs3776825	A	-0.049
rs6860227	T	-0.0533
rs34196702	C	0.0633
rs114340813	A	-0.326
rs17467372	T	0.2294
rs869339	T	-0.0507
rs7710292	C	0.0457
rs113355009	T	-0.1409
rs7731281	T	0.1029
rs13354270	G	0.045
rs72774742	C	0.1784
rs255571	A	-0.1364
rs13168373	T	0.0607
rs12520671	T	-0.0927
rs62360406	T	0.0787
rs76075715	C	0.1665
rs10062883	C	-0.1997
rs1037598	C	-0.045
rs76985385	A	-0.2355
rs8180457	T	-0.0639
rs1593949	A	0.0578
rs73801080	A	0.1396
rs78137052	C	0.1938
rs79259373	T	0.2023
rs7713629	A	-0.0495
rs148610699	G	-0.1968
rs61602401	C	-0.1492
rs115948184	G	0.381
rs35450986	A	-0.0866
rs246339	G	0.1797
rs13155711	T	0.0712
rs2607157	T	-0.0504
rs76966174	C	0.4043
rs17568237	T	0.1048
rs539990	G	0.0633
rs141393173	T	-0.2829
rs706293	A	-0.0469
rs58290810	A	-0.0478
rs145753590	T	0.2938
rs11739165	G	-0.0443
rs146231454	G	0.1973
rs13188748	A	-0.0592
rs17797954	T	0.0701
rs10055647	C	0.0579

rs358655	C	0.051
rs78912683	T	-0.3361
rs181884	C	-0.047
rs150587545	A	-0.246
rs75486329	C	0.0964
rs13172021	A	0.048
rs7712280	T	0.0929
rs11742784	A	0.0942
rs488083	C	0.1355
rs1946189	G	-0.0595
rs4490600	T	0.0753
rs12518501	T	0.1773
rs12186698	T	0.0812
rs35542565	G	-0.0829
rs75194439	A	0.1213
rs9687371	T	0.0599
rs2471152	G	0.051
rs76286964	T	0.1997
rs6556395	G	-0.0469
rs79447633	T	0.057
rs74468700	T	0.0832
rs76928783	T	0.1352
rs5745259	G	0.2991
rs11750486	T	0.0464
rs77475100	T	-0.2429
rs115136616	T	0.1118
rs116793555	G	0.2548
rs72786484	G	0.1981
rs140544029	A	0.2619
rs34030062	T	0.2378
rs6890936	T	-0.0474
rs141513190	G	0.2315
rs79333002	T	-0.0985
rs76227149	T	-0.3765
rs1650549	A	0.0522
rs114721935	A	-0.1194
rs41287110	T	0.1435
rs6881442	A	-0.0472
rs4432911	G	0.0489
rs381489	C	0.0712
rs4533880	A	0.2162
rs10064067	G	0.0542
rs2311735	C	0.0462
rs2940527	G	0.0739
rs114399511	A	0.259
rs1168794	A	0.2728
rs10059240	C	0.0989

rs115634042	A	0.2123
rs9312872	A	0.0752
rs1553538	C	0.0891
rs114722835	C	0.2227
rs9791117	A	0.0582
rs1288758	T	-0.0559
rs13164534	T	-0.0571
rs55989583	T	0.0557
rs116834423	A	0.1776
rs10866666	T	-0.0671
rs1744343	T	-0.0594
rs10064812	C	-0.0437
rs34136905	C	0.0977
rs2195375	T	0.1586
rs6887582	A	-0.0559
rs9687011	C	-0.0651
rs9285900	A	0.0742
rs351263	A	-0.111
rs62348975	G	-0.3477
rs153685	C	-0.046
rs634308	C	0.0647
rs740074	T	-0.0569
rs10454812	C	-0.0723
rs58442268	G	-0.0466
rs13178739	A	0.1631
rs112774003	G	0.1551
rs74529719	G	-0.1528
rs17159295	C	0.045
rs58731794	T	-0.0939
rs1159331	A	0.0462
rs12054736	T	0.0463
rs4476693	T	0.0434
rs7732663	A	0.1397
rs115210807	A	0.1958
rs80250012	T	0.3759
rs1422968	G	-0.0479
rs116425756	T	0.1551
rs56330002	T	0.1472
rs79746682	A	0.299
rs13171453	A	0.4628
rs4264929	A	0.0638
rs7724676	A	-0.0567
rs75815828	G	0.1363
rs78712920	G	0.197
rs74683093	A	0.2238
rs13170444	A	-0.0502
rs7724819	T	-0.0537

rs78448225	T	0.1211
rs27564	A	0.0469
rs72763451	T	0.0604
rs72827615	C	0.0613
rs152536	T	0.0929
rs10063519	A	0.0499
rs1027634	A	0.1028
rs262840	A	0.1609
rs13185268	C	-0.0965
rs181281	G	-0.0465
rs1378442	G	0.1469
rs148376513	G	0.0436
rs141697102	T	0.2725
rs139460302	A	0.219
rs682798	G	-0.049
rs75283336	C	-0.0653
rs76411456	G	0.1422
rs79785056	T	0.2089
rs312576	G	0.1608
rs155362	G	0.0688
rs115504660	G	0.3586
rs17136136	C	-0.0506
rs75042965	T	0.2881
rs66893355	G	0.1105
rs139927802	C	-0.0968
rs2625383	A	0.0712
rs10515651	C	0.1589
rs2913609	C	0.0593
rs72816204	T	0.0862
rs116676043	G	0.1678
rs9765542	T	0.0445
rs12108987	G	-0.1559
rs6862912	A	0.1837
rs40673	A	0.0582
rs74536649	C	0.1471
rs58044064	A	-0.0518
rs72778756	A	-0.1651
rs6892923	T	0.0631
rs12658235	G	0.0461
rs114416999	A	-0.0544
rs6894208	A	0.0639
rs59739601	G	0.1512
rs148381498	A	-0.2486
rs16868901	G	0.0594
rs34930818	A	0.2371
rs2288833	C	-0.0655
rs16875781	C	0.0582

rs13179502	A	0.1323
rs4700577	A	0.0438
rs265427	C	-0.0852
rs3798005	A	0.0538
rs34138509	T	0.2535
rs114029320	A	-0.1931
rs78426874	G	-0.088
rs1421769	A	-0.0439
rs4957731	T	0.0602
rs75516462	C	-0.1378
rs10940079	T	-0.0622
rs2336977	A	-0.0464
rs116356138	G	-0.1853
rs10038030	C	0.0746
rs1078266	A	0.0582
rs72822466	C	-0.0989
rs4703067	A	-0.0876
rs322474	T	-0.0473
rs35200122	C	0.0445
rs4403177	A	-0.0545
rs34141013	G	-0.0505
rs116270893	A	0.1446
rs13173967	C	-0.0548
rs1465390	A	0.1022
rs62375380	C	0.0521
rs115416593	C	0.3178
rs147079613	T	-0.2333
rs75548802	G	0.2336
rs10064618	A	0.0445
rs329319	A	-0.0435
rs296283	A	0.2671
rs268529	C	-0.0452
rs9327557	A	0.1128
rs62362593	A	-0.3216
rs115698034	C	-0.1659
rs17265753	G	0.0541
rs7716925	A	0.0496
rs116625436	G	0.1104
rs79039872	T	0.2343
rs76005690	T	0.262
rs35151091	A	0.0645
rs13153471	G	0.0484
rs12186641	T	-0.0847
rs78420903	C	-0.1953
rs76365106	T	0.2465
rs35412	C	0.152
rs13159062	C	0.0552

rs77346024	T	0.1024
rs72648838	T	0.1804
rs76658127	T	-0.1514
rs245393	C	-0.0463
rs6864599	G	0.0813
rs35029697	T	0.2208
rs56825733	T	-0.1396
rs79332111	C	-0.0715
rs16875209	T	-0.0911
rs116510426	G	0.0847
rs13164310	C	-0.1144
rs115974812	C	0.2341
rs77672264	T	0.1428
rs161553	G	0.0505
rs35535831	T	0.1603
rs27509	T	-0.0564
rs56332382	C	-0.0522
rs10071912	A	-0.1635
rs72747716	T	0.0947
rs62328199	T	-0.0571
rs57268119	G	-0.1026
rs35323270	T	0.0487
rs7713798	A	0.0718
rs10062954	C	-0.0618
rs114376362	T	-0.1494
rs76685061	G	0.0997
rs76414090	T	0.186
rs12188200	T	0.0919
rs4296830	G	-0.0764
rs57994525	G	-0.0433
rs114337257	A	0.1643
rs2561449	G	0.0493
rs6868684	T	0.309
rs140414730	T	0.2516
rs13173647	C	-0.0818
rs115445015	G	-0.2914
rs145446193	T	0.1555
rs62362948	C	0.2008
rs79641002	C	0.3306
rs2329437	A	0.1089
rs71634931	A	0.1001
rs12520499	C	0.0455
rs269552	T	-0.0577
rs142186387	C	-0.2678
rs6861799	G	0.0438
rs17451739	T	0.1043
rs58297242	A	-0.0453

rs6863789	A	-0.1441
rs76307396	A	-0.1072
rs6865035	A	0.1018
rs145976059	A	0.2149
rs6452405	C	0.1494
rs2932320	C	-0.0447
rs7730789	C	-0.0596
rs140079985	C	0.1539
rs74395588	A	-0.0899
rs34052623	C	-0.131
rs11748350	T	0.0461
rs2360040	G	-0.0433
rs10062629	G	0.1914
rs4866559	G	-0.0453
rs10063472	T	-0.059
rs76834393	T	-0.1599
rs56215442	C	-0.0524
rs58246412	A	0.2203
rs6860417	A	0.2221
rs2632138	C	-0.0648
rs72719095	A	-0.2588
rs2853677	G	-0.0516
rs35744038	G	0.114
rs11748534	C	-0.0414
rs11956931	T	0.2704
rs150211362	A	0.2297
rs292213	A	0.0458
rs114889851	A	-0.3008
rs1384266	C	-0.1482
rs4701617	T	-0.0743
rs35833524	A	-0.1298
rs58751240	T	0.0467
rs139096818	C	0.1386
rs77161259	C	0.1219
rs13158983	T	0.0542
rs4868322	A	0.1706
rs4920695	T	0.0416
rs11135245	T	0.0621
rs77451029	C	-0.0925
rs16879651	T	0.0911
rs67907667	T	0.0445
rs10068123	C	0.0737
rs75105202	A	-0.0935
rs4099273	C	0.0621
rs1623702	G	0.0499
rs115508925	G	-0.2213
rs113232588	G	0.2489

rs4957862	T	0.0474
rs115467442	G	-0.1313
rs62393674	C	0.1938
rs114274884	A	-0.1971
rs79325511	A	-0.0983
rs246519	A	0.0453
rs347983	G	0.0845
rs1024051	A	-0.0416
rs1292152	A	0.0588
rs168752	T	-0.1027
rs115946887	T	0.1911
rs10053962	T	0.0519
rs7725161	G	0.0579
rs254926	A	-0.0415
rs772655	T	0.0509
rs1908043	T	0.093
rs6897331	C	0.0458
rs1781654	G	-0.1415
rs116371383	C	-0.1509
rs7709123	C	-0.1511
rs11950881	T	0.0949
rs4530758	G	0.0666
rs149587748	T	0.2899
rs11567772	A	-0.3801
rs57341205	G	0.0485
rs76915732	G	0.1884
rs2907829	T	0.0443
rs79617688	C	-0.1643
rs11745637	A	0.0409
rs6894608	G	0.0931
rs6873158	T	0.0426
rs1463413	G	0.0641
rs5013188	G	0.0631
rs78292949	T	0.2245
rs6453097	G	0.1441
rs72758889	G	0.0792
rs80080001	A	-0.0845
rs80031024	G	0.1299
rs114736112	A	0.2406
rs2083235	G	-0.0965
rs75492110	T	0.2527
rs297620	G	-0.0526
rs17735751	C	0.0531
rs10516102	T	-0.0859
rs7704886	G	-0.0407
rs6859424	G	-0.0421
rs116079247	A	-0.1817

rs73103440	T	-0.2459
rs13165136	T	-0.28
rs11749855	T	0.0732
rs34023	A	-0.1189
rs113204397	T	0.224
rs2068015	T	-0.0413
rs144519314	G	0.0804
rs9688043	A	0.1158
rs115011838	G	-0.0993
rs5744662	C	-0.0591
rs2288796	C	0.0419
rs1847015	A	0.0506
rs80053539	T	0.3929
rs146694782	G	0.3094
rs77186996	C	0.1671
rs77301614	C	-0.0919
rs75742647	A	0.1215
rs115397621	G	0.3214
rs73798420	C	0.2734
rs3777218	T	-0.0436
rs12659840	T	-0.1082
rs7729298	G	0.0514
rs55825428	T	-0.0505
rs6870439	C	-0.0626
rs72812642	T	0.1371
rs143780217	A	0.3042
rs17164160	G	0.3352
rs113779316	C	0.1384
rs7380824	T	-0.0597
rs35831074	T	-0.0732
rs111959022	C	0.1987
rs67049593	A	0.0447
rs2954360	A	0.0404
rs2411913	C	-0.0447
rs4869609	G	-0.4044
rs1347808	C	0.0442
rs6870884	C	0.1996
rs72799681	A	-0.0552
rs7719950	G	-0.0454
rs2643542	A	-0.0694
rs114205523	C	-0.1202
rs1211161	A	0.0404
rs72732779	A	-0.1239
rs1490796	C	0.0408
rs112800718	T	0.1875
rs114475098	T	0.2427
rs75679558	C	0.4032

rs10078900	A	-0.305
rs11959686	C	0.0939
rs447746	G	-0.0431
rs115906632	C	0.225
rs75043106	C	0.0664
rs12110304	C	-0.041
rs4869232	C	0.1444
rs324339	A	0.2056
rs3107556	A	0.0401
rs2431744	T	0.0591
rs148300034	A	0.2778
rs11948454	A	-0.0426
rs6875296	A	0.0427
rs116789782	G	-0.0872
rs147486450	G	-0.2131
rs7705519	C	0.0568
rs7735639	T	-0.0508
rs112042454	C	-0.1714
rs248710	G	-0.0449
rs77025081	A	0.0766
rs112360974	A	0.1651
rs73774347	C	0.2356
rs140322318	A	-0.2142
rs140268608	A	0.1985
rs2455458	A	-0.0443
rs41290581	T	-0.1692
rs141827390	A	-0.1926
rs533965	G	-0.041
rs7737465	G	0.0439
rs76284354	C	0.1442
rs150048013	A	-0.2582
rs17608067	C	0.0455
rs147960157	T	0.2194
rs7709099	T	0.2292
rs988413	C	0.0478
rs6414948	T	0.0619
rs11950233	A	0.186
rs6883705	T	0.3123
rs78730727	T	0.1761
rs13181166	T	-0.0462
rs11952771	A	-0.0409
rs4527580	T	-0.0435
rs72798881	T	0.1044
rs17690039	T	0.0655
rs9765586	A	0.0457
rs7720397	C	-0.044
rs34668282	C	0.1629

rs28647256	A	-0.0651
rs72720687	T	-0.0459
rs247141	G	0.0496
rs6449522	T	-0.0398
rs370640	T	0.0427
rs11749910	T	0.0797
rs62383697	A	0.0912
rs138924890	C	0.0461
rs74654009	C	0.1174
rs6871128	G	0.0761
rs1173477	A	-0.0419
rs336514	G	-0.0426
rs816464	G	0.0611
rs75148143	A	0.1582
rs6880051	C	-0.0397
rs12519454	T	-0.0617
rs72656671	A	-0.1173
rs62388057	T	0.0644
rs72791977	A	-0.1898
rs114828091	T	-0.1725
rs146261781	A	-0.2011
rs72805822	T	0.0607
rs72776292	T	-0.1272
rs140837601	G	0.073
rs1863954	A	0.0417
rs11134106	A	-0.0398
rs6872582	C	0.0455
rs17691375	A	-0.043
rs72794584	A	0.098
rs73786617	G	0.1473
rs72740863	G	-0.096
rs77069633	T	-0.2707
rs59045437	A	0.2236
rs116335392	A	-0.1051
rs11743574	A	-0.0543
rs113136013	G	-0.0647
rs80086159	C	-0.1474
rs77196523	C	0.1313
rs729129	A	0.0667
rs111340055	T	0.2052
rs62371022	T	-0.0525
rs62368240	G	0.0881
rs116260666	C	0.196
rs11958116	C	0.0436
rs4957708	A	0.0472
rs74849979	G	0.1372
rs43178	G	-0.0427

rs884462	A	0.0765
rs13360433	C	-0.0469
rs12518049	G	-0.0406
rs3797606	A	0.1684
rs632666	G	-0.0852
rs6865784	T	-0.1077
rs115982628	T	-0.1573
rs6898464	C	0.1187
rs6871270	A	0.0393
rs2348607	C	0.1748
rs115330330	T	-0.1991
rs10065199	C	-0.1459
rs150406859	T	-0.1725
rs251566	G	0.043
rs7702938	C	0.0854
rs7712005	A	-0.2341
rs115753617	T	-0.1119
rs74794034	T	-0.1955
rs79332236	T	0.2269
rs62371170	A	0.0725
rs253444	A	0.0628
rs75119140	C	0.0659
rs72798512	C	-0.1384
rs1529690	A	-0.0449
rs72797099	G	0.1548
rs13182526	G	0.0431
rs60629856	C	-0.0974
rs17265148	T	-0.0487
rs113596009	C	-0.1133
rs114163180	A	0.2236
rs13354417	C	0.0762
rs76661833	C	0.1469
rs73354941	A	-0.0969
rs430060	C	0.0509
rs17106769	G	-0.0391
rs4379216	C	-0.1186
rs113315281	G	-0.0896
rs173842	A	-0.0413
rs77562677	A	0.1099
rs1545373	T	-0.2242
rs6887528	T	0.0848
rs10044480	T	0.0448
rs1217824	C	-0.0404
rs1448479	C	0.0459
rs62368672	C	0.0737
rs4407647	T	-0.0417
rs6580355	C	0.0438

rs1864977	G	0.0398
rs906356	T	0.0442
rs508371	T	0.0406
rs76067291	T	0.1656
rs60376038	G	0.0995
rs72771084	T	0.2522
rs10073774	C	0.1156
rs10038210	A	-0.0426
rs12519035	A	0.1603
rs10036953	G	-0.0558
rs12516176	C	0.0461
rs75844295	T	-0.1918
rs78116826	C	0.176
rs151454	A	0.0461
rs997428	C	-0.0628
rs60259641	A	-0.0553
rs73185060	G	-0.087
rs33568	T	0.0391
rs2913513	A	0.1221
rs76688241	A	0.1798
rs113460261	A	0.1276
rs80155794	A	0.1169
rs6869901	A	-0.0734
rs2451003	G	0.0445
rs149944812	A	0.1431
rs149377	A	0.0561
rs34040620	C	-0.0616
rs4298254	A	0.1352
rs12521781	G	-0.0541
rs62362794	T	-0.0712
rs72785003	C	0.0769
rs1501682	A	0.1138
rs150708529	C	-0.3893
rs7732568	C	-0.0485
rs62384738	C	0.1371
rs17476752	G	-0.0581
rs1482483	G	0.0499
rs72790396	A	-0.1804
rs115356392	T	-0.2736
rs12653097	T	0.0585
rs62368465	C	0.053
rs4282336	T	0.0495
rs112616783	T	-0.1921
rs4916834	C	-0.1195
rs7702525	A	-0.0401
rs77970539	A	0.1737
rs79025422	A	0.0953

rs7737136	A	-0.0605
rs72834098	A	0.0566
rs2973139	C	-0.0503
rs4585468	T	-0.0406
rs7712127	G	-0.1529
rs11746561	T	-0.0585
rs6420088	A	-0.0794
rs6867766	T	0.1388
rs16894362	T	0.2352
rs113732731	A	-0.2124
rs11948045	A	-0.0594
rs272862	C	-0.0427
rs114047445	T	0.3338
rs115738794	T	-0.1794
rs34552623	C	-0.0595
rs115511437	T	0.1628
rs56240825	T	0.0455
rs1995274	A	-0.0501
rs41271119	G	0.1917
rs71600231	C	-0.2516
rs9293517	C	-0.065
rs141516846	A	0.1966
rs114057527	A	0.137
rs13190241	A	0.1598
rs32753	T	0.0417
rs10476105	A	-0.0653
rs77554499	T	-0.1468
rs115288005	T	0.1875
rs4532367	G	-0.0437
rs34184031	G	-0.04
rs441492	A	-0.0395
rs4704617	A	0.041
rs148957720	C	0.128
rs112408047	T	0.0957
rs31740	A	0.0855
rs114281340	G	0.2164
rs74810661	A	0.1363
rs6556439	A	0.0439
rs62367623	G	0.1329
rs6874376	T	0.0512
rs77351337	A	0.0894
rs36049337	A	-0.0598
rs17700949	G	0.0418
rs247951	T	0.0443
rs7728435	C	0.0443
rs1445787	T	0.0419
rs12188319	T	0.0776

rs114881854	G	0.3116
rs79392570	T	-0.0668
rs56303038	A	0.089
rs72766221	G	0.101
rs114112468	G	-0.0831
rs113090604	T	0.167
rs4701374	T	0.0937
rs447939	C	-0.1272
rs1078059	A	0.0725
rs13184107	A	0.1206
rs6872575	T	0.2488
rs7731279	T	0.0445
rs77360706	A	0.2207
rs484573	A	0.0617
rs342559	G	0.0547
rs78622594	T	0.18
rs114113431	A	-0.1063
rs17267677	T	0.1224
rs282280	G	-0.0397
rs77604759	C	0.1981
rs8180514	G	0.0585
rs10491345	A	0.1418
rs80201268	G	0.0887
rs80157830	C	0.0491
rs1261387	G	-0.0451
rs79229678	A	0.1381
rs55884701	T	0.0544
rs153012	A	0.0473
rs41311341	T	0.124
rs6897062	C	0.0383
rs2927631	T	0.0431
rs138257897	C	-0.1661
rs148731161	T	0.1562
rs71613436	C	0.0598
rs6452820	G	-0.0558
rs62371184	T	-0.2192
rs35018833	A	-0.0961
rs77390892	T	0.1795
rs10805445	A	-0.0402
rs143445950	A	-0.1229
rs74557927	A	0.1542
rs145371563	T	0.1276
rs77711173	G	-0.1754
rs6883205	G	0.0486
rs36307	A	0.038
rs62372279	C	-0.133
rs75118214	A	-0.1003

rs16889901	A	-0.0428
rs12186729	G	-0.0591
rs11741766	C	-0.0447
rs79297119	T	0.0496
rs145421819	T	0.1547
rs153261	G	0.1738
rs143673159	T	0.2054
rs1035909	C	-0.0409
rs10478742	A	0.0436
rs2910729	C	-0.0575
rs2115210	C	-0.0404
rs138668383	A	0.185
rs34147245	G	-0.0388
rs2964066	A	-0.1754
rs17323383	T	0.1049
rs115777838	T	-0.1394
rs71577425	T	-0.2494
rs6595415	A	-0.0648
rs173072	G	0.0435
rs10058560	A	0.0489
rs57406157	G	0.1633
rs254833	T	0.0391
rs350042	G	-0.0721
rs6892163	G	-0.0413
rs7731318	C	-0.0479
rs706722	A	-0.0402
rs56026432	A	-0.1307
rs115080149	T	0.0893
rs145529452	T	-0.2453
rs7725907	C	-0.1371
rs79681527	A	-0.1623
rs116969221	G	-0.2553
rs1458348	T	0.0449
rs248340	G	-0.0394
rs2964550	T	0.0442
rs141866682	A	-0.1651
rs146143774	C	0.2884
rs77546691	T	0.2664
rs3761971	C	-0.0407
rs147500202	C	-0.1937
rs6869139	G	0.0422
rs76089769	T	0.2328
rs10070052	T	-0.0782
rs6450140	A	0.0478
rs148128901	T	0.158
rs141448564	G	0.1466
rs513165	C	-0.0564

rs16898904	T	0.0889
rs72779490	C	-0.0815
rs112815502	A	-0.0882
rs334896	A	0.0428
rs34673178	G	-0.0813
rs55719753	C	0.1155
rs6891142	C	-0.0676
rs77988929	G	0.1533
rs164870	C	-0.0497
rs3857395	G	0.0398
rs149079722	A	0.175
rs6872378	C	0.1602
rs307306	T	0.0387
rs409074	G	0.0492
rs73334286	G	0.0759
rs113535740	A	0.1518
rs324438	A	0.0423
rs10474354	T	-0.1437
rs10070958	T	0.0456
rs72781028	T	0.0595
rs40657	T	-0.0915
rs115812240	G	-0.2245
rs172389	C	-0.083
rs10079508	T	0.06
rs1423294	A	-0.0421
rs72758173	G	-0.0558
rs4975635	A	-0.1545
rs4317338	G	-0.0553
rs111471163	A	-0.1548
rs116476327	T	-0.2928
rs7709937	C	0.1679
rs6453530	G	0.0383
rs113808558	A	-0.1073
rs7445593	T	0.0687
rs115623173	G	0.22
rs2249616	A	0.0451
rs72750929	T	0.1135
rs149627557	C	0.191
rs275489	C	0.0811
rs895378	A	-0.0403
rs1820043	A	0.1981
rs111459128	A	-0.3193
rs1801718	C	0.047
rs138377433	C	-0.2667
rs10064799	A	0.0376
rs992807	G	-0.0699
rs2252859	G	-0.1291

rs10514959	C	0.0552
rs230868	C	0.0409
rs10050777	C	0.0386
rs71629091	C	-0.0591
rs57072679	A	0.0558
rs13163277	C	-0.0461
rs173758	C	-0.0409
rs6556924	C	-0.0558
rs116056790	G	-0.206
rs17799161	T	0.0467
rs115171563	T	0.2625
rs72799615	A	-0.1173
rs2937801	G	0.0626
rs77797868	C	-0.2105
rs78115154	C	0.1237
rs111684945	C	0.1677
rs12518064	A	-0.1134
rs116535500	T	-0.1392
rs6881850	A	0.0579
rs71626450	C	-0.2198
rs36811	C	0.0522
rs10068414	A	0.0444
rs11742039	G	0.0488
rs13155647	T	-0.0378
rs116028569	G	-0.2009
rs116539587	C	0.1913
rs79466936	C	0.1125
rs354331	T	0.1186
rs10073996	T	0.066
rs4376284	G	0.0635
rs74770633	T	-0.1906
rs72752381	T	0.1184
rs116144993	T	-0.0968
rs158824	T	0.2624
rs74719227	A	0.0866
rs78237336	T	-0.1588
rs114627650	C	0.1772
rs62381637	T	0.0599
rs10055050	A	0.0432
rs11740765	T	0.1393
rs56111638	C	-0.0416
rs17084109	G	0.1292
rs258875	G	0.0642
rs3100935	C	0.0481
rs78829388	A	-0.1038
rs7737127	T	0.0502
rs147027708	A	0.1703

rs11951879	G	0.0746
rs76976015	G	-0.1508
rs17803788	C	0.215
rs148278867	T	-0.2438
rs4599515	A	-0.0398
rs10074585	G	-0.0409
rs72790610	A	0.1766
rs116351538	C	0.0868
rs2562573	T	-0.0384
rs115754602	A	-0.1605
rs10866508	G	0.1711
rs347433	T	-0.0863
rs2545656	G	0.1027
rs271938	T	-0.0868
rs1370965	C	-0.0613
rs116633766	G	-0.2684
rs1428282	C	-0.0555
rs74437402	C	-0.1673
rs264845	C	0.0386
rs323673	C	0.0408
rs76165695	A	-0.0701
rs115327059	A	0.1485
rs115208295	C	0.2496
rs7712580	T	0.049
rs56033108	G	-0.0496
rs115120178	C	0.1329
rs145049430	G	0.1596
rs1631530	G	0.0411
rs74502439	G	-0.1118
rs10053158	T	-0.1521
rs6878597	T	-0.048
rs146770673	G	-0.0945
rs148216059	A	-0.2206
rs2216588	G	-0.062
rs6870917	C	-0.068
rs62378684	C	0.0802
rs115611622	C	-0.2279
rs72760281	G	-0.1662
rs4512161	G	-0.04
rs114597681	G	-0.144
rs149949213	A	0.1577
rs62406106	A	-0.0413
rs11743544	T	0.0993
rs10473412	C	0.0444
rs10044103	A	0.0553
rs150086051	T	0.1764
rs9327375	T	0.0441

rs10940261	A	-0.037
rs7730916	T	-0.0457
rs62395179	A	-0.0594
rs74661208	T	0.22
rs10076898	C	0.0837
rs62342711	A	-0.047
rs6882322	A	-0.0377
rs10940005	A	-0.0614
rs1432797	T	0.2046
rs7728647	G	-0.0975
rs35987304	T	-0.0385
rs78959072	G	0.0846
rs4704447	G	0.0438
rs2560520	T	-0.0484
rs76341250	T	-0.0986
rs10461497	C	-0.0379
rs76998662	G	0.2883
rs45613531	T	0.1537
rs2961636	T	0.0848
rs10061009	G	0.3495
rs11948772	T	0.158
rs78043699	T	-0.1437
rs115293001	T	0.1609
rs10051451	C	-0.0457
rs72768205	C	-0.2593
rs12652539	T	0.0393
rs356447	G	-0.0886
rs75710504	C	-0.1873
rs10042915	C	0.174
rs79567601	C	0.0948
rs271213	G	0.0467
rs112415189	G	-0.1577
rs71604185	C	0.1791
rs10072475	G	0.0573
rs62372406	T	0.2022
rs35840971	T	-0.0781
rs138811672	T	0.1884
rs10475219	T	0.0533
rs112197512	T	0.093
rs75246422	T	0.0593
rs114729761	G	-0.1169
rs116771392	G	0.1543
rs76001528	C	0.0602
rs4700414	A	-0.0442
rs76071360	A	-0.1911
rs78851373	G	0.1317
rs62359099	A	0.1867

rs75546961	T	0.0553
rs7701234	T	0.0607
rs144960055	C	-0.1096
rs375260	C	-0.0723
rs12655342	G	0.0537
rs111621500	T	-0.194
rs7724808	T	0.0842
rs78274939	A	0.1596
rs166264	C	0.0514
rs79062115	C	0.1609
rs10045892	A	-0.0503
rs636354	A	0.2393
rs9327305	T	-0.0662
rs12187428	A	-0.1715
rs17367158	C	0.1811
rs72738411	A	0.1044
rs10065697	C	-0.0592
rs66553670	T	0.0695
rs169822	A	-0.0489
rs4554269	C	0.0395
rs161511	C	0.096
rs1531234	T	0.037
rs72494183	A	-0.0888
rs159945	T	-0.0893
rs77769375	A	-0.2489
rs145408087	G	0.1902
rs112610979	C	0.1814
rs74723465	A	0.0854
rs442232	G	-0.0528
rs116460392	T	-0.2364
rs115886253	A	-0.248
rs7715823	G	-0.2007
rs10038344	T	-0.0367
rs113931070	G	0.0923
rs2636973	G	-0.0445
rs7718001	C	-0.0462
rs112221277	T	0.0856
rs77415726	C	-0.3058
rs116552503	A	-0.1056
rs144474106	T	0.3133
rs71641951	T	0.1179
rs76383005	A	0.0752
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rs7379318	A	0.0393
rs79273355	T	0.1294
rs1010250	C	-0.0576
rs700917	A	-0.0364

rs17650871	C	0.0793
rs164436	A	0.0384
rs7727002	G	0.0388
rs61729480	C	0.0967
rs9800337	A	-0.0905
rs35020694	T	0.3414
rs62384005	T	0.2048
rs347426	A	-0.0373
rs115479662	T	0.1025
rs35550655	T	-0.1395
rs6895877	G	0.0392
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rs11749694	T	0.1581
rs62353607	C	0.0888
rs7737572	T	-0.0525
rs73254248	T	0.1035
rs113214066	A	-0.1851
rs4704693	C	0.0977
rs10052682	G	-0.0407
rs12518229	C	-0.0387
rs6883033	A	-0.1576
rs76821534	G	-0.0518
rs77913425	A	0.0978
rs148692666	C	-0.1527
rs78561168	A	0.165
rs12520611	G	0.0647
rs71652152	T	0.2926
rs61203679	C	-0.2619
rs66615905	T	0.054
rs75609965	A	0.1362
rs55650501	T	-0.0804
rs116203754	A	-0.1468
rs11954115	C	-0.092
rs1963856	C	0.1369
rs11741131	G	0.0528
rs3930398	T	0.0401
rs115490114	T	0.1351
rs12659837	T	0.0813
rs1852723	A	-0.0372
rs78576058	C	-0.1639
rs78839803	C	-0.2785
rs702640	T	-0.0366
rs2913246	T	0.0471
rs62350667	C	-0.0584
rs34240069	A	-0.2314
rs10074227	T	-0.0364
rs13165515	A	0.1742

rs34863649	T	0.0527
rs9716005	G	0.056
rs155349	A	-0.0451
rs11739870	T	-0.1536
rs71588370	G	0.1038
rs16898024	C	0.0576
rs11747709	T	-0.0483
rs115847863	G	-0.2588
rs10866713	A	0.0444
rs17362907	C	-0.1615
rs11744046	T	0.039
rs10053243	A	-0.0547
rs415721	A	0.0457
rs76369882	T	0.0845
rs13174846	A	-0.1057
rs78660570	C	0.1546
rs151101649	G	-0.2661
rs6890989	T	0.0428
rs80348211	C	0.1501
rs6870488	G	0.0622
rs459770	G	-0.0393
rs10065611	C	-0.0439
rs71604198	A	0.2058
rs11958830	C	0.0494
rs11741938	A	-0.0381
rs7703481	T	0.0643
rs76876998	A	0.1622
rs62370418	C	0.0431
rs2900098	T	-0.0437
rs1494066	A	-0.044
rs9716277	C	-0.0476
rs68032127	C	0.1137
rs77602684	T	0.1075
rs12651778	A	0.0671
rs144070522	C	0.2775
rs7735782	A	0.0681
rs62373329	G	0.129
rs149064213	T	-0.2304
rs112113790	A	0.1309
rs6874460	G	0.0577
rs13176090	A	-0.1816
rs971916	C	-0.1132
rs62381783	T	0.0471
rs35728418	A	0.0982
rs414754	T	-0.0601
rs145633910	A	-0.1929
rs56225510	A	0.0616

rs10477653	G	0.0666
rs149403689	T	-0.2938
rs17720191	A	0.0485
rs146315802	G	-0.2669
rs11738825	C	-0.0388
rs1644287	G	-0.0431
rs1592876	T	0.0443
rs17165234	G	0.1551
rs72727380	C	0.2425
rs177438	T	0.0379
rs116013137	T	-0.1375
rs62364700	T	-0.0527
rs77090738	T	-0.0718
rs7736526	T	-0.0403
rs2350640	A	0.0367
rs251430	T	-0.0371
rs6894433	C	0.1169
rs55783710	T	0.0967
rs115636842	G	0.1019
rs300263	T	0.0442
rs62328804	T	-0.2023
rs115858392	T	0.1514
rs72801474	A	0.0894
rs13159489	T	-0.0611
rs75527168	C	-0.1382
rs150464121	A	-0.155
rs35375483	T	-0.0536
rs13357839	A	-0.1061
rs112366449	A	0.1266
rs475655	C	0.1604
rs35760173	A	0.2388
rs6554928	C	0.0366
rs74722751	T	0.2774
rs12109256	C	0.058
rs4700401	A	0.0427
rs34351120	C	0.0609
rs56276808	A	0.0461
rs13173191	G	-0.1941
rs17223381	A	0.0541
rs1154758	C	-0.0366
rs76857197	T	-0.2085
rs6876737	A	0.0375
rs114470612	G	-0.276
rs75314766	A	0.1812
rs7702512	T	-0.0872
rs3096032	T	0.0529
rs11743498	G	-0.0411

rs1059236	G	-0.0676
rs2974571	A	-0.0361
rs73088907	A	0.0849
rs145421262	T	-0.1986
rs112200846	G	-0.1038
rs115797546	A	-0.1533
rs79987984	G	-0.0625
rs16903375	C	0.0882
rs1910057	G	-0.0396
rs13172523	A	-0.077
rs62362314	C	-0.1435
rs75820777	A	-0.108
rs17762082	T	0.0793
rs7726249	G	0.0391
rs114171468	T	-0.0927
rs7721974	G	0.0363
rs73282538	A	0.2042
rs163433	T	0.0393
rs12515546	T	-0.0549
rs36072175	A	0.1838
rs72792036	A	-0.221
rs218043	T	0.0391
rs72776725	A	-0.1251
rs72491364	A	-0.0746
rs13189182	T	0.0758
rs138692848	G	-0.0824
rs765505	G	0.0454
rs11742397	T	0.0436
rs62360231	T	0.0676
rs10045562	G	-0.0358
rs62354980	A	-0.1965
rs115646952	G	-0.2044
rs12520078	T	0.0849
rs72803430	T	0.221
rs78536218	T	0.121
rs146313255	A	-0.1892
rs10039774	A	0.2489
rs34915065	A	0.0357
rs114823969	G	0.1127
rs75821411	C	0.1493
rs115650403	T	0.2083
rs6877500	T	0.2811
rs72780453	T	0.0848
rs72762741	T	0.0665
rs112127627	G	-0.0579
rs13361175	T	0.0364
rs76441131	A	-0.1452

rs35195537	T	0.0458
rs4975726	G	-0.0403
rs924093	T	0.0459
rs469280	G	0.0426
rs115078214	A	0.0855
rs7705243	T	0.0383
rs7701321	G	0.0876
rs28566539	T	-0.0506
rs17530768	G	0.0638
rs114068841	C	-0.1353
rs31837	A	0.0661
rs2086136	T	-0.0367
rs145278880	C	0.052
rs17191346	G	-0.1377
rs836797	T	0.0366
rs17233321	G	-0.1128
rs62366700	G	-0.0401
rs10478774	C	-0.0374
rs56289418	C	-0.32
rs2043048	A	-0.0365
rs114482621	A	-0.185
rs76798728	T	0.0964
rs77597518	T	0.1083
rs112249745	C	0.2284
rs2402348	C	0.0367
rs77976407	T	0.1131
rs889022	C	-0.0452
rs1374089	A	-0.1821
rs17197133	A	-0.0725
rs115281990	T	0.1137
rs31250	C	0.0423
rs10060706	C	-0.0765
rs13189844	A	-0.085
rs35017972	T	-0.1211
rs58551365	T	-0.0448
rs2029873	G	-0.1221
rs889226	C	0.0427
rs2201416	A	0.0994
rs76413089	T	-0.1001
rs80333428	A	0.103
rs11745797	T	0.0991
rs890824	T	-0.0507
rs115505631	G	0.183
rs2278265	T	-0.0435
rs75387589	G	0.101
rs6452857	G	-0.0426
rs75391564	A	0.0541

rs2560824	T	-0.0658
rs17650177	T	-0.0542
rs159178	G	-0.0478
rs74661537	G	0.0584
rs13357734	T	0.0363
rs73798503	G	0.0591
rs17099022	T	0.1008
rs715847	A	0.0475
rs147403246	C	0.1841
rs6861188	T	0.0373
rs10073872	A	-0.0398
rs112856628	C	0.1353
rs72814069	A	0.1081
rs11739989	G	-0.0382
rs112831860	C	0.0587
rs1559097	T	0.0974
rs115076851	G	-0.151
rs114936058	G	0.1689
rs72787139	T	0.1469
rs62361987	A	0.1907
rs7443674	C	0.1034
rs10061174	T	0.0381
rs6866961	T	-0.0678
rs7734050	G	-0.0406
rs17789300	T	0.1464
rs6888913	G	-0.0656
rs265918	T	0.0831
rs6887251	T	-0.12
rs114718260	G	0.1855
rs3132145	C	-0.0651
rs59650752	C	0.0681
rs116731418	T	0.1612
rs79660427	T	0.1541
rs139021395	A	0.1612
rs112741081	A	0.0919
rs145980512	A	0.0989
rs565335	T	-0.0469
rs149084	C	0.0535
rs10900774	T	0.0428
rs73076132	A	-0.0521
rs71586080	A	-0.0424
rs77688818	A	-0.2513
rs150910074	T	-0.2461
rs115930379	T	-0.1845
rs17314584	T	0.1474
rs17136716	T	-0.0489
rs11747139	C	0.0409

rs116363204	G	0.1049
rs56106466	A	0.0541
rs74449972	G	-0.2295
rs149726987	T	0.092
rs309335	C	0.041
rs77705550	T	0.1457
rs10940072	A	-0.0353
rs149832560	G	0.1445
rs16888249	C	0.1991
rs142502036	A	0.1537
rs149415708	T	-0.2016
rs76226881	G	0.0715
rs34325832	G	0.0522
rs11740355	G	0.0701
rs116700443	A	0.2011
rs26076	A	0.048
rs35734818	G	0.1154
rs142396656	A	0.1699
rs114447755	G	0.1831
rs12653107	T	-0.0359
rs10059563	C	-0.0573
rs148884099	G	0.1753
rs12654253	A	-0.057
rs79477877	C	-0.1101
rs146198134	T	-0.0672
rs114893010	T	0.2001
rs147131583	A	0.1273
rs79121223	T	-0.0919
rs2636101	A	-0.0353
rs17523262	C	0.0602
rs1565895	T	0.0524
rs13178390	G	0.0408
rs75544947	T	0.1829
rs922436	T	-0.0675
rs1015624	T	0.1261
rs11749598	T	-0.2281
rs2544700	G	-0.0553
rs115118278	C	0.1404
rs811599	G	0.036
rs139467184	C	0.1287
rs160873	G	0.0365
rs113346664	A	-0.2291
rs73023422	T	0.2505
rs115763073	T	0.1544
rs10056753	A	0.0464
rs62381841	T	0.1271
rs327833	G	0.0619

rs150840102	T	-0.1003
rs151209347	C	0.1428
rs6891343	T	-0.0439
rs78423157	G	0.0849
rs77305101	C	-0.1321
rs78680449	A	-0.302
rs1439607	G	-0.037
rs341883	C	0.0566
rs4295369	A	0.0758
rs7734420	T	-0.0394
rs1073567	G	0.128
rs391707	A	0.0366
rs35978340	C	-0.1386
rs150648378	C	-0.2839
rs13189082	G	0.041
rs2915800	A	-0.0457
rs73326014	C	-0.2572
rs112288823	T	0.142
rs13168447	T	0.0365
rs116557884	T	-0.1274
rs62350967	T	0.083
rs1030182	T	0.0371
rs1560064	A	-0.0521
rs78537725	C	-0.2344
rs114395716	A	0.1178
rs3756616	A	0.0367
rs72756829	A	-0.1854
rs4704756	T	0.0716
rs115851665	T	-0.1467
rs171752	C	0.0359
rs4704006	C	-0.0395
rs13361446	G	-0.0397
rs458160	T	0.1417
rs57755609	T	-0.1794
rs148259252	C	-0.203
rs76969222	T	0.1769
rs251295	G	-0.0356
rs2594864	A	0.0859
rs77923728	G	-0.2144
rs11743430	T	-0.0361
rs6895209	C	0.0613
rs114323007	A	0.2211
rs258820	A	-0.0359
rs75265867	G	0.1104
rs149417399	G	0.26
rs6879328	T	-0.0383
rs2221272	G	0.036

rs115665697	T	0.172
rs115824169	A	-0.0483
rs13178078	G	-0.0386
rs12153591	C	0.0875
rs11241708	A	0.0352
rs153450	A	0.0456
rs391474	G	0.0452
rs17275319	T	0.0782
rs72763129	C	0.0545
rs6894325	T	-0.0732
rs10514303	A	-0.0625
rs10063341	T	0.0729
rs144907801	T	0.0982
rs141831969	G	0.1461
rs6862020	T	0.0399
rs74492166	G	0.0935
rs6866304	G	-0.0356
rs111519738	T	-0.185
rs1148362	G	0.0747
rs115678276	T	0.1003
rs57212455	G	0.0649
rs11750870	G	0.1379
rs1080826	A	0.0434
rs143970447	T	0.2491
rs116397156	A	0.196
rs7721515	T	-0.0536
rs114028795	A	0.1861
rs79173153	T	0.1747
rs4487463	C	-0.1072
rs10037489	G	-0.0404
rs3829987	A	0.1212
rs17154140	A	0.069
rs17607923	C	0.1687
rs7718378	T	0.1788
rs2972332	A	0.072
rs115962749	G	0.2077
rs112111070	T	0.1379
rs17352686	C	-0.0398
rs1469104	A	0.0343
rs12189436	G	-0.0613
rs75386791	G	0.1594
rs115484225	T	-0.183
rs7714234	G	-0.0422
rs144482664	C	0.2043
rs80337961	G	-0.1175
rs281134	A	0.0498
rs150054275	T	0.3415

rs12657536	A	-0.0433
rs76749537	C	0.1687
rs10515630	T	0.2976
rs58144271	C	0.1589
rs78964020	G	0.137
rs111983365	G	-0.159
rs79879776	C	0.0956
rs79419306	A	-0.2506
rs159729	A	0.038
rs77830299	C	0.0955
rs10078999	C	-0.0352
rs11740482	A	-0.1279
rs296404	G	-0.1714
rs139425945	G	0.1534
rs17797667	C	0.1062
rs72835351	A	-0.1295
rs139325176	C	0.297
rs10052142	A	-0.0778
rs79983152	A	0.2026
rs62370434	A	-0.1375
rs76055328	G	0.1544
rs142261229	A	0.1124
rs13156451	C	0.0492
rs10071245	A	0.0628
rs318398	A	-0.0383
rs116341734	G	0.2606
rs468494	A	-0.0507
rs10068583	T	0.0782
rs9327668	T	-0.0611
rs2453299	A	0.0488
rs146403851	C	0.2633
rs77216091	G	-0.0938
rs114864685	G	0.0898
rs112160985	A	-0.2643
rs4705944	A	0.1216
rs116780415	A	-0.1692
rs13167261	G	0.1189
rs142974302	A	-0.2319
rs74959667	G	0.075
rs11744429	A	-0.0475
rs11956778	T	0.1027
rs13185328	A	-0.071
rs72781281	C	0.1055
rs79096859	C	-0.2216
rs277054	G	0.0445
rs1154735	T	-0.0352
rs34074582	C	-0.1685

rs7732088	G	0.0835
rs10075377	T	0.0342
rs6862580	G	0.0497
rs246387	T	-0.2069
rs34803595	T	0.0616
rs115305711	A	0.0889
rs76796138	C	0.1855
rs2081838	T	-0.1158
rs76452612	A	-0.1051
rs75198306	C	0.1086
rs2561277	C	0.041
rs17083806	T	0.2518
rs73757564	A	-0.1106
rs7705051	T	-0.0364
rs73315617	A	-0.1431
rs17692739	T	-0.0368
rs74902680	T	-0.1476
rs4912860	G	-0.0574
rs489077	C	0.0864
rs113460149	A	0.1261
rs117208334	T	0.1061
rs75833750	C	-0.1482
rs144537600	C	0.2643
rs4604209	T	0.0428
rs75900621	T	0.0836
rs456863	G	0.0407
rs10476513	C	-0.0401
rs116050238	G	-0.1339
rs78189034	G	0.1596
rs76288065	A	-0.2373
rs825393	G	-0.1891
rs1175307	A	0.1189
rs143622642	G	0.2041
rs12516486	A	-0.058
rs2338211	T	0.0363
rs144171439	A	0.2671
rs116413686	G	0.1259
rs79757330	A	0.1401
rs55926015	G	-0.0875
rs73323775	T	0.0766
rs56047874	A	-0.0931
rs11749222	T	-0.0386
rs16872476	G	-0.0452
rs10080199	C	0.1249
rs77624502	A	-0.0756
rs7722746	T	0.036
rs75637320	T	0.1531

rs143305664	G	0.1705
rs59190821	C	-0.0408
rs154261	A	0.0439
rs146384059	T	-0.2396
rs2270899	T	0.0641
rs76267040	T	-0.1136
rs17169302	A	0.0597
rs76323515	C	0.1218
rs28434025	T	0.1361
rs149570576	T	-0.1762
rs260996	C	-0.0445
rs1426088	C	0.1289
rs1948755	A	0.0937
rs152700	A	0.0387
rs145327232	C	0.1935
rs10477857	A	-0.0405
rs79420339	G	0.2717
rs350452	T	-0.0771
rs72767911	C	0.1324
rs7729166	T	0.0417
rs75267496	C	-0.2016
rs115002220	G	0.1603
rs13156050	A	0.0545
rs733032	T	0.0352
rs13153089	C	-0.0481
rs78255279	A	0.1116
rs1705863	T	0.0797
rs10042243	T	0.0349
rs390954	T	-0.0563
rs114995504	G	0.1874
rs187505	C	0.2264
rs76998435	A	-0.0858
rs861185	G	-0.0429
rs1500259	G	0.0378
rs10063658	T	0.0991
rs4608976	A	0.1105
rs73781851	A	0.1987
rs77403484	A	-0.1376
rs3934591	A	0.035
rs140097264	A	0.1781
rs116279824	G	0.2956
rs114434771	G	-0.1314
rs3776567	C	-0.0719
rs4702211	A	0.1068
rs6881525	C	-0.0764
rs62355188	G	0.1952
rs10475476	G	0.0798

rs889324	T	0.0899
rs60425019	G	0.0582
rs288864	A	-0.0336
rs10065531	T	0.0354
rs142236689	G	0.1409
rs72788669	T	-0.1128
rs150651372	A	0.201
rs111912908	C	0.0928
rs115827369	C	-0.1382
rs11958640	A	-0.1389
rs12186497	G	0.0352
rs114645182	C	0.2174
rs76134513	C	-0.0433
rs11241196	G	-0.0363
rs10066438	A	-0.0474
rs115628511	A	-0.1199
rs3097777	C	-0.1292
rs2044065	T	0.1518
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rs73248944	T	-0.1147
rs12153723	G	-0.082
rs72799565	T	0.165
rs10512986	G	-0.1651
rs116285830	A	0.1053
rs17786186	A	-0.0373
rs12153196	T	0.0369
rs10065435	C	0.0522
rs13153644	A	-0.164
rs90682	C	0.0364
rs139267086	T	-0.0575
rs25943	C	-0.0479
rs7710600	T	0.0385
rs141681569	A	-0.2161
rs62361895	T	0.0547
rs628871	C	0.0506
rs4590189	A	-0.0464
rs77794169	T	-0.25
rs1835038	A	-0.0619
rs76373643	G	-0.0772
rs13340387	C	-0.0774
rs13361997	C	0.0455
rs35682327	T	-0.0441
rs144992039	G	0.2069
rs6878643	T	-0.0424
rs79956101	A	0.1021
rs78853971	G	-0.1566
rs76046133	A	0.1598

rs255518	C	-0.041
rs1006549	A	-0.0452
rs7349835	C	0.0866
rs74490548	T	-0.2516
rs17804984	A	-0.1547
rs114608946	C	0.0801
rs160280	A	-0.0389
rs75197808	C	-0.1817
rs10069000	T	0.0374
rs13187977	T	0.045
rs114182946	C	0.1068
rs62367816	C	0.0357
rs77187400	T	0.1075
rs258523	A	-0.0359
rs139110426	G	0.2221
rs150976434	G	0.2022
rs142504205	C	0.1756
rs11954821	T	0.0695
rs6862256	C	0.063
rs146527697	T	-0.1166
rs13741	T	0.0453
rs7713065	A	0.0392
rs13152886	T	-0.1226
rs10071812	G	-0.0353
rs140677337	A	-0.1345
rs146820664	G	0.2108
rs6449621	A	0.1913
rs75531116	T	0.1838
rs146076273	G	-0.0854
rs10514336	T	-0.1918
rs78458156	C	0.264
rs34739826	T	0.0673
rs114685606	T	0.0882
rs115161402	A	0.3114
rs10040940	C	-0.0636
rs10051286	C	-0.0349
rs4515290	T	0.0352
rs151275746	A	-0.0804
rs6861112	A	-0.0426
rs6882846	C	-0.0564
rs2243302	A	0.0849
rs72794023	C	-0.0485
rs4976055	T	-0.04
rs13168532	A	-0.1093
rs2910114	G	0.039
rs490928	T	0.041
rs72778778	G	-0.0737

rs10068619	T	-0.052
rs6580395	C	-0.0391
rs145738817	A	0.2553
rs1501839	C	-0.0447
rs115246584	C	0.1894
rs4835903	A	0.0717
rs12656560	C	-0.0353
rs6580256	T	0.0645
rs114231705	T	0.1141
rs10055665	T	-0.0339
rs138635547	G	0.132
rs17775895	C	-0.0548
rs256102	A	0.1048
rs2913770	T	0.0462
rs78524507	G	-0.1664
rs1498928	A	0.0593
rs62377196	A	0.074
rs247520	C	0.0401
rs77417304	G	0.0712
rs80272607	A	0.1801
rs116691038	G	0.269
rs55734275	G	-0.0556
rs34846940	A	0.049
rs12519342	A	-0.0417
rs34817407	A	-0.0408
rs72810084	G	-0.0717
rs4958361	C	-0.0336
rs139158651	T	0.1486
rs111521468	T	0.0422
rs78528065	T	-0.0565
rs79035284	G	0.217
rs11960365	T	-0.0479
rs116376669	A	0.1466
rs74378324	C	-0.1447
rs11960897	T	0.1264
rs246769	A	-0.0426
rs114441735	A	0.1174
rs77492065	A	0.1745
rs1368438	T	-0.0342
rs11557568	T	0.1708
rs114082589	C	-0.2729
rs74540949	A	0.1742
rs80122572	G	0.2172
rs4958191	G	-0.0374
rs80075704	C	0.1371
rs73344225	G	0.0957
rs73274883	A	0.1396

rs137902614	A	-0.0981
rs249728	A	-0.036
rs4836434	T	0.0439
rs73754328	C	0.0853
rs7728215	A	-0.0425
rs1694064	T	0.0343
rs73772666	T	0.0905
rs11555275	T	0.1958
rs79423478	T	0.0905
rs11738856	G	-0.1773
rs40722	G	-0.0362
rs36117773	C	-0.1143
rs79274321	A	0.075
rs150446468	A	0.1506
rs139389372	G	-0.2725
rs76711950	A	0.1027
rs78257539	G	0.1356
rs79974920	T	0.11
rs62341581	A	0.0384
rs73300952	A	-0.0585
rs796893	G	0.1009
rs16868044	G	0.2055
rs114770246	C	0.1532
rs7443444	A	-0.1801
rs78103527	C	-0.3156
rs74503244	C	-0.0848
rs113534626	G	-0.1754
rs114066544	C	0.1895
rs6595428	G	-0.0366
rs55710479	T	0.0726
rs2161533	C	0.0351
rs74756208	G	0.1429
rs17074035	T	-0.0718
rs72750190	C	0.1232
rs2432144	T	-0.0486
rs2594860	G	0.0337
rs56272130	T	0.0538
rs2546904	G	-0.0355
rs17633307	C	-0.0794
rs6875133	C	-0.0828
rs265984	C	0.0348
rs350930	G	0.0887
rs62385130	T	0.0883
rs62374606	G	0.1902
rs11741331	T	0.0348
rs4376296	A	0.0371
rs26914	T	0.0347

rs1182085	G	-0.1281
rs216124	A	-0.0423
rs145419903	T	0.1972
rs72782310	A	-0.1362
rs114951387	G	0.1479
rs1377333	C	0.0427
rs56958517	A	-0.0489
rs76444309	G	-0.1231
rs74849218	T	0.1366
rs16881275	G	0.068
rs78785440	A	-0.229
rs11955915	G	0.0542
rs2330728	A	-0.0606
rs16903320	C	0.0642
rs17327526	A	0.0408
rs78909387	A	0.0919
rs2032805	T	0.0473
rs257003	A	-0.2177
rs115655007	T	0.1826
rs76991357	A	-0.0628
rs115244890	G	0.1324
rs1465689	A	0.0714
rs72848138	G	-0.0549
rs74846498	G	0.1345
rs61734263	A	-0.1696
rs79815391	G	0.0726
rs1493246	A	-0.0401
rs116807223	A	-0.1181
rs11949034	A	0.0335
rs11750308	A	0.045
rs2961772	G	0.0342
rs114304148	T	-0.1438
rs114307780	A	-0.1356
rs113978759	T	0.1715
rs140116951	T	0.1885
rs77486821	C	0.116
rs6873862	G	0.1464
rs139206733	A	0.2269
rs62378712	C	0.038
rs11959399	A	0.0861
rs77979139	A	0.135
rs116383897	T	0.1411
rs16886656	C	0.1222
rs143677427	G	-0.1891
rs11741189	T	-0.0446
rs7727701	C	-0.0377
rs115295612	T	0.1419

rs62356139	C	-0.1754
rs4377712	A	-0.0352
rs114378857	A	0.1104
rs140133672	T	-0.1236
rs73130845	C	0.0419
rs76897607	A	0.1097
rs17086593	G	0.0782
rs2676227	G	-0.042
rs1000586	C	-0.0376
rs151272493	T	0.2298
rs115586636	T	-0.1283
rs12658628	A	0.239
rs62360204	C	0.1336
rs12521197	C	0.1192
rs77455398	C	0.2372
rs3850578	A	0.1652
rs10474677	A	-0.06
rs59547927	C	-0.1397
rs115506793	T	0.1524
rs79863196	A	0.1291
rs114602220	T	-0.0537
rs474776	T	-0.0759
rs115986467	A	-0.2666
rs6881967	A	-0.0387
rs10515689	C	0.0643
rs10046083	C	-0.0449
rs80341292	T	-0.0647
rs141638529	A	-0.2244
rs144964785	G	0.1994
rs113749584	G	0.073
rs10491318	C	0.0363
rs80014321	A	0.1682
rs17311148	G	-0.1138
rs6886028	T	0.0375
rs17564192	A	-0.0972
rs11957362	C	-0.0683
rs115990973	T	0.227
rs1542284	T	0.0408
rs79879886	C	0.1531
rs41298958	C	-0.1478
rs17444806	G	-0.1831
rs16878549	T	0.0933
rs113885171	A	0.0787
rs62388840	T	0.0848
rs142207501	A	0.1492
rs149326	A	-0.045
rs3111201	A	0.0444

rs7716909	A	0.0993
rs79585494	A	-0.2967
rs13187596	G	0.0381
rs74548637	A	0.1554
rs141453797	A	0.1
rs62393728	T	0.0913
rs72769642	G	0.2094
rs62343950	T	0.0842
rs62355918	T	-0.1078
rs41298324	A	-0.1313
rs150480750	A	0.1778
rs10514365	T	0.1145
rs11746804	T	0.1428
rs1351585	C	0.0484
rs76665579	A	0.1799
rs17590693	G	-0.2015
rs116023678	T	0.1757
rs1531263	G	-0.0346
rs72733871	C	-0.0956
rs147811117	T	0.2469
rs114765638	C	0.1617
rs6865028	T	0.0633
rs636150	A	-0.041
rs35001259	C	-0.0907
rs10035152	T	-0.0341
rs2544712	A	-0.0339
rs12513642	G	-0.0371
rs2338819	T	0.038
rs80200198	A	0.2563
rs76415053	G	-0.181
rs34526491	A	-0.093
rs79775443	C	-0.2336
rs72783620	C	0.0793
rs115955490	T	0.1077
rs11746698	G	0.0359
rs6450174	A	-0.098
rs308204	C	0.0328
rs429946	T	0.0649
rs3104225	A	0.09
rs10463352	A	-0.0345
rs115274762	C	0.1489
rs72805248	A	-0.0733
rs295997	C	-0.0735
rs6886603	T	-0.1094
rs115905296	C	0.1592
rs62388815	A	0.0843
rs79996949	G	0.1171

rs34037118	T	-0.0494
rs17501392	C	-0.0603
rs150010554	T	-0.0402
rs62377627	A	0.0344
rs13170207	T	0.0392
rs79976140	C	0.1899
rs12514650	T	-0.0416
rs273082	A	-0.0808
rs13171332	G	-0.0973
rs30826	C	-0.0357
rs13155080	G	0.0382
rs214114	C	0.045
rs26737	C	-0.0383
rs73048737	C	0.1077
rs1650586	T	-0.0577
rs78556314	T	-0.1349
rs34623162	G	0.0604
rs6451288	A	0.1042
rs11749919	G	-0.1688
rs1345086	C	-0.0335
rs79781656	A	-0.0626
rs34159926	C	-0.0903
rs71616994	C	0.1523
rs1643889	C	0.0623
rs10051966	G	0.0539
rs341260	T	-0.0396
rs114946055	A	0.1147
rs9324900	A	0.1657
rs114641207	T	-0.1003
rs1583280	T	-0.0995
rs77552424	T	-0.2824
rs32947	T	-0.035
rs150525991	T	-0.2122
rs2967808	A	0.0376
rs40153	A	-0.0531
rs11746182	A	0.0446
rs10073429	C	0.047
rs2112330	C	-0.1055
rs56197143	G	0.0633
rs76465214	C	0.0572
rs16903588	T	0.1003
rs10068553	G	0.0406
rs35654169	A	0.0906
rs114530628	G	-0.1278
rs62347140	C	0.1086
rs17553357	A	-0.046
rs114452353	T	0.1523

rs34355252	T	-0.0629
rs735130	C	0.0611
rs2964431	A	0.0344
rs2249506	G	-0.0367
rs62355616	T	-0.1007
rs76775317	C	0.0687
rs269762	A	-0.0728
rs114256650	T	0.1705
rs17185365	C	-0.0716
rs112375441	G	0.0482
rs11954639	T	0.063
rs145973883	A	0.0519
rs12657652	G	-0.0403
rs1592635	C	0.0346
rs6876740	A	-0.1168
rs2565000	G	0.0532
rs17548653	T	0.0789
rs258879	A	-0.0406
rs7731584	T	-0.0988
rs115699001	G	-0.1351
rs114466801	T	0.1819
rs17234877	C	0.1212
rs55735085	A	-0.0417
rs142241598	A	0.1189
rs318048	C	0.0364
rs392598	G	-0.0394
rs146781257	T	0.0878
rs114154950	C	0.1559
rs116620319	G	0.1236
rs141927375	G	-0.1354
rs3131914	T	-0.179
rs11241731	T	0.0651
rs78136632	T	-0.2108
rs2914030	C	-0.0411
rs75780405	G	0.0858
rs1439603	T	0.0411
rs79922713	A	0.1736
rs2962192	T	0.0379
rs34275630	G	0.1213
rs11739287	A	0.1002
rs16888142	A	-0.0485
rs3121686	G	0.037
rs113241520	G	-0.1874
rs10076086	G	-0.0324
rs1847032	C	0.0493
rs446709	T	0.0337
rs17720107	G	0.1633

rs113407513	G	0.0688
rs10479200	G	-0.0367
rs76991933	A	-0.0695
rs9293639	C	-0.0945
rs6887576	A	-0.0723
rs62395254	T	0.1244
rs115946512	G	0.1267
rs66734219	A	0.1233
rs79593753	T	-0.1368
rs11747392	A	-0.1392
rs72736824	T	0.2343
rs60976050	T	0.1529
rs12520323	G	0.101
rs74754561	C	0.1436
rs72804081	G	0.0836
rs74856414	C	0.1002
rs9313037	A	-0.0357
rs74385363	C	0.1254
rs150466846	T	0.1713
rs6883043	T	0.0386
rs17825532	A	-0.0375
rs820889	T	-0.0606
rs78879221	T	0.279
rs79976506	C	0.1085
rs146914084	C	0.1796
rs72757553	A	0.1216
rs72763426	A	0.0978
rs115522202	T	-0.1128
rs11134817	C	-0.0833
rs77659713	G	-0.0888
rs75761291	C	0.2299
rs114928910	A	0.0733
rs56114960	A	0.0485
rs112901231	T	0.2116
rs255739	G	0.0393
rs16894710	T	0.0611
rs116010940	A	0.157
rs114931937	A	0.1673
rs80124255	T	0.1379
rs116061375	A	-0.1767
rs73279871	C	0.1622
rs10061911	T	0.034
rs35285688	T	-0.1193
rs138206701	G	0.1687
rs7702720	G	-0.0337
rs6555301	T	0.0639
rs139297873	T	-0.3042

rs111751755	T	0.2525
rs2962073	A	0.0382
rs112807385	A	0.1871
rs6872566	G	0.0478
rs10054341	A	-0.0666
rs4867498	C	0.033
rs72810603	A	0.0789
rs143444501	G	-0.04
rs114794137	T	0.1446
rs3923826	T	0.0597
rs72781244	G	0.046
rs79898060	T	0.0975
rs4701639	C	-0.0352
rs13171158	G	0.0439
rs61153247	A	-0.1022
rs62358105	A	-0.1283
rs34650005	G	0.0841
rs10477082	T	-0.1131
rs79224511	G	0.1931
rs116333551	A	0.1031
rs115025668	A	0.1149
rs77937295	T	0.2525
rs74500280	T	-0.1452
rs7724964	C	0.0616
rs68020281	T	0.0761
rs28540019	T	-0.0337
rs2888222	A	0.033
rs138436060	T	-0.1653
rs75600649	A	-0.1309
rs4895277	T	0.0327
rs76624386	A	0.1258
rs638333	C	0.0369
rs77775253	T	0.0627
rs2229944	A	-0.0604
rs72803592	A	0.1754
rs77403054	T	0.0666
rs71603625	C	-0.1149
rs10079555	C	0.0645
rs4703614	A	-0.0374
rs918520	G	0.0419
rs6876038	T	-0.0333
rs10052563	T	0.0521
rs2387568	C	-0.0571
rs62340147	T	-0.0339
rs3798027	G	0.0739
rs150210514	A	0.1401
rs9293636	A	-0.0544

rs264347	C	0.0333
rs116378421	C	-0.0717
rs141759051	T	0.1469
rs80102542	G	-0.0737
rs55682310	T	0.0858
rs12514047	A	0.167
rs115629349	A	0.0832
rs34524659	A	0.0328
rs285878	C	0.0335
rs1423554	C	0.0568
rs17720329	T	-0.0957
rs6869265	A	-0.0354
rs16881639	G	0.0779
rs1429722	T	0.0745
rs11955835	A	-0.0426
rs76271498	A	-0.1915
rs244964	G	0.0961
rs10062067	C	0.0732
rs80317934	G	0.194
rs72783837	G	0.138
rs76497986	A	0.1814
rs116327032	G	0.1128
rs116906681	G	-0.1941
rs66891434	C	-0.058
rs142089619	T	-0.1657
rs77332028	G	-0.1366
rs72756164	A	0.0743
rs10070717	A	0.0559
rs163040	G	0.0401
rs277973	T	0.038
rs10056571	A	0.0665
rs2619786	C	0.1575
rs112120524	G	0.1976
rs28651169	C	0.0328
rs425059	G	0.0788
rs11743017	G	0.0324
rs4308511	T	0.1258
rs78233963	G	0.1662
rs1971715	G	-0.0339
rs79437499	C	0.1045
rs62379984	G	-0.0661
rs4635924	G	-0.0336
rs958776	T	-0.1102
rs78050832	T	-0.1009
rs72798164	T	-0.0792
rs779846	A	-0.06
rs116272447	G	0.1596

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rs13155145	T	0.035
rs72760985	A	-0.1584
rs79716714	A	-0.1848
rs146562132	C	0.1009
rs145972982	C	0.0456
rs146828532	G	-0.1099
rs13155201	A	0.0416
rs114562112	A	0.1657
rs13171146	G	0.0349
rs72813443	G	0.0729
rs16902088	C	0.2067
rs145968335	A	-0.1524
rs148707382	G	-0.215
rs115214100	A	-0.1036
rs4467676	A	0.0363
rs62359375	A	-0.06
rs145793076	A	0.1465
rs112581622	C	-0.1139
rs154577	A	-0.0328
rs148954292	C	0.2258
rs244448	A	-0.0943
rs10472329	C	-0.0386
rs1552837	C	-0.0526
rs11249765	T	-0.2258
rs4626342	G	0.0851
rs2407757	T	-0.0777
rs13159669	G	0.1129
rs115380718	C	0.2547
rs116676851	C	0.2009
rs2860884	T	-0.0322
rs6887042	C	0.0365
rs1422301	C	0.0361
rs77045731	G	0.0756
rs13184342	A	0.0477
rs116332105	C	0.1425
rs76434694	G	-0.1471
rs76297085	C	0.1005
rs78308718	C	0.0364
rs6601175	A	0.1112
rs78443863	A	0.1646
rs2313977	G	-0.0369
rs35745862	T	0.083
rs163279	T	-0.0358
rs451643	T	-0.0367
rs78891762	A	0.074
rs34445952	G	0.0389

rs72777661	G	-0.1113
rs13171967	T	-0.0396
rs1456275	C	-0.0473
rs9291954	C	0.0324
rs16893560	G	-0.1032
rs17391678	G	0.0425
rs35710183	C	-0.0462
rs1542429	G	0.0325
rs865635	T	0.0581
rs76793858	T	0.2024
rs10462369	C	-0.0485
rs59430785	A	0.0428
rs1366418	G	-0.0615
rs2160505	A	-0.0317
rs17595865	A	0.0689
rs7706135	A	-0.0615
rs10512670	C	-0.0411
rs35465005	A	0.2215
rs76725169	A	-0.1201
rs4394144	A	0.0456
rs115745437	A	-0.2005
rs6554660	A	0.0452
rs111821231	T	0.0456
rs113638297	A	0.137
rs55714803	C	0.0535
rs55972248	A	0.1504
rs10059787	C	-0.0887
rs146594921	C	0.1076
rs56972284	A	0.1218
rs76874890	C	-0.1875
rs1012025	T	0.0351
rs6880853	T	0.0434
rs62368126	T	0.1663
rs1104792	C	0.1326
rs6890900	A	-0.1616
rs6556884	A	-0.0365
rs153385	T	-0.0465
rs61085512	C	-0.0878
rs2032852	T	-0.0351
rs4147091	T	-0.0368
rs3815764	C	0.0769
rs79143720	C	-0.1509
rs4976806	T	-0.035
rs113986197	A	-0.1135
rs62365751	G	0.0351
rs7718226	G	-0.0336
rs10066787	A	-0.0327

rs76271405	A	-0.1245
rs76717566	T	0.232
rs2914076	T	-0.0378
rs247172	T	-0.0565
rs1533006	T	-0.0412
rs10056310	A	0.0768
rs114143124	T	0.2338
rs115540055	T	0.1169
rs1862621	T	-0.0557
rs72794478	G	0.1967
rs41275269	T	-0.121
rs140297989	G	-0.1882
rs75611485	A	-0.1298
rs79091269	A	0.1253
rs56385303	A	-0.0331
rs1476481	A	0.0318
rs246995	G	-0.0369
rs9292193	G	0.0356
rs78695259	T	-0.0495
rs114366537	T	0.2103
rs73798047	A	0.0577
rs74608764	C	0.1051
rs3857237	C	-0.1729
rs3756314	C	-0.0571
rs146753251	T	0.1937
rs10461663	C	0.0426
rs34754905	G	-0.0337
rs6860785	T	0.0361
rs80067547	G	-0.0426
rs76188105	A	-0.0839
rs59239478	T	-0.0671
rs2973692	C	0.0356
rs2546775	A	0.0464
rs16902810	A	-0.0437
rs78285874	G	-0.2383
rs11134622	T	-0.0324
rs114433777	A	0.2215
rs56270722	C	0.1347
rs116816678	G	-0.1296
rs160919	A	0.0361
rs698383	G	0.036
rs17532664	T	-0.0475
rs59428951	G	0.1357
rs13186045	T	0.0383
rs152019	G	-0.0365
rs17490390	A	0.0675
rs74694918	C	0.1373

rs4958734	C	0.0616
rs11746248	A	-0.0348
rs2372608	C	0.0782
rs7727195	A	0.0469
rs1423217	T	-0.0333
rs12187656	C	0.037
rs116756989	G	0.1433
rs37793	G	-0.0812
rs27637	A	0.0313
rs71599591	G	-0.045
rs12652649	T	-0.0562
rs113567132	C	-0.3088
rs114570277	C	-0.0645
rs116218522	T	-0.2516
rs115221969	T	0.1383
rs114293186	G	0.2204
rs72788740	C	0.0456
rs72754234	A	-0.1288
rs75501727	A	0.1107
rs458164	A	-0.0467
rs1422670	T	-0.1123
rs34285863	A	0.164
rs245677	A	0.078
rs72833941	T	-0.1956
rs10516132	A	0.0432
rs76018937	T	0.1278
rs116713572	A	0.132
rs17138316	G	0.0973
rs77383095	C	0.2094
rs74966541	G	0.1383
rs34957718	C	0.0472
rs72789001	T	-0.1056
rs116011174	G	-0.1556
rs292165	C	0.0318
rs139257230	T	0.0962
rs16902429	G	-0.0343
rs75327226	T	0.1236
rs111866562	C	-0.0353
rs7724768	G	0.0354
rs113275192	G	0.1783
rs1908720	A	0.0942
rs76293856	A	-0.2686
rs4634339	A	0.214
rs143424034	G	0.2673
rs1345697	T	0.0322
rs58927248	G	0.0522
rs74380035	G	-0.1447

rs297885	C	0.0375
rs4340923	C	0.0687
rs111297126	C	0.2002
rs62396770	T	0.071
rs114422223	C	-0.1584
rs314133	G	0.0355
rs2937555	A	0.0536
rs115546942	G	-0.1802
rs312559	G	0.0517
rs74719680	C	0.1002
rs279762	G	0.0652
rs62364007	G	0.2598
rs115424635	A	0.1451
rs138574546	T	0.2111
rs11950787	T	-0.2286
rs113994760	T	-0.1394
rs13161063	G	0.0697
rs10463271	T	0.0498
rs75517204	C	-0.0862
rs7702646	T	0.0325
rs115950013	C	0.1237
rs77338616	A	-0.0669
rs230878	A	-0.036
rs73265668	C	0.1552
rs262045	G	0.0401
rs141533838	T	-0.1955
rs10866750	C	0.0372
rs76200751	C	-0.2739
rs153644	T	-0.0415
rs115549640	G	0.199
rs13181406	A	-0.1104
rs4358486	A	0.0508
rs34498555	G	-0.0619
rs115806359	C	0.1494
rs9324921	A	0.0806
rs10066649	A	0.0595
rs73789387	T	0.0442
rs11744911	G	0.0854
rs12513914	G	-0.0537
rs10515353	C	0.0495
rs72756892	C	0.1627
rs74526442	T	-0.211
rs1104959	T	0.1088
rs1366988	G	0.0401
rs13186598	C	0.0507
rs176799	A	-0.0578
rs114663862	T	0.1427

rs7720886	G	0.0586
rs3756612	G	-0.0388
rs80228232	T	-0.1532
rs139604545	T	0.0811
rs151217229	T	-0.0882
rs10479268	C	-0.0417
rs7736838	A	-0.0438
rs77474383	T	-0.0971
rs150516701	C	0.152
rs12654274	A	-0.0757
rs13164495	A	-0.0579
rs72815289	T	0.0816
rs112234443	T	0.0931
rs35352527	A	-0.0669
rs1422860	A	-0.0439
rs73338288	A	-0.2123
rs10039543	A	-0.0358
rs73746152	T	0.1693
rs115060008	C	-0.0696
rs76825937	C	-0.1317
rs16901145	G	-0.0529
rs838786	C	0.1728
rs11748140	T	-0.0369
rs116201171	G	0.162
rs6877326	T	0.1027
rs115707601	C	-0.2233
rs72741117	T	-0.2227
rs7728260	C	-0.0427
rs1971391	A	-0.0349
rs367597	C	-0.0352
rs33344	T	-0.0526
rs6876364	T	0.0535
rs114907564	T	-0.2735
rs147935204	T	0.1523
rs10223133	A	0.0415
rs2973476	C	0.0488
rs2347096	T	0.0324
rs116042547	T	0.1623
rs17054255	G	-0.1145
rs1428054	C	-0.1263
rs62388656	A	0.0703
rs116647825	T	-0.092
rs13154808	G	0.0329
rs6889063	T	0.0729
rs4490621	C	-0.168
rs59580263	A	-0.0359
rs187143	C	0.0627

rs2047384	T	-0.0361
rs6892164	C	0.0571
rs6885423	T	-0.0322
rs17496593	C	-0.0538
rs62350865	C	-0.1836
rs76405951	T	-0.0341
rs268510	A	0.0641
rs6878621	G	-0.0477
rs34777842	C	-0.2306
rs7715159	T	-0.037
rs6555708	A	0.0384
rs72749841	C	-0.085
rs142741734	G	0.1461
rs10035394	G	0.041
rs17266567	A	0.1209
rs10065216	C	-0.0932
rs60654108	C	-0.2244
rs13179478	C	-0.1937
rs2916601	T	-0.0484
rs78094752	C	-0.099
rs264982	T	0.0429
rs147495946	C	0.1146
rs115548638	C	-0.1018
rs75859476	T	-0.1259
rs13170552	T	-0.1034
rs2112483	G	-0.1111
rs371741	A	-0.0318
rs7732013	T	-0.0849
rs80092121	A	0.0461
rs12189045	C	-0.0368
rs10056824	T	0.0509
rs13188042	A	-0.045
rs216535	A	0.0327
rs10056183	G	0.1033
rs16903832	T	-0.0478
rs6580013	G	0.0581
rs115874651	A	0.1329
rs116460946	A	-0.2722
rs112926751	A	-0.1114
rs4836134	G	0.0488
rs34076397	T	0.0342
rs13174639	G	0.037
rs17548073	T	-0.1171
rs60127859	C	0.0604
rs62358280	A	-0.12
rs35144579	T	0.1841
rs78051326	C	0.0859

rs56353827	C	-0.0416
rs10050720	A	-0.0508
rs10942443	T	0.0936
rs114724587	G	0.2729
rs7703784	C	0.0438
rs77448138	T	0.1982
rs244730	A	-0.0364
rs2438377	C	-0.0676
rs11747050	G	0.0352
rs366055	G	0.0314
rs6889586	C	-0.0498
rs76535658	T	0.1285
rs72732816	T	0.1637
rs943954	C	0.0436
rs111372208	A	0.1743
rs114733425	G	0.1729
rs10057794	G	-0.2329
rs115125355	A	-0.2187
rs77465361	T	0.2536
rs138360977	C	-0.2206
rs13175586	A	0.0527
rs78357394	A	-0.1836
rs113332067	T	-0.1213
rs114211799	C	-0.1617
rs62406102	T	-0.1773
rs79088118	T	0.1483
rs145489452	T	-0.1245
rs7727694	A	0.0578
rs6450602	A	0.0384
rs712618	C	0.0819
rs59511389	A	-0.0547
rs71589379	T	-0.0459
rs17348129	G	0.0487
rs115566087	C	0.0465
rs56050517	A	-0.202
rs17260912	C	-0.0578
rs143949486	A	0.1163
rs12188996	C	0.1586
rs12520285	A	0.1372
rs256607	G	-0.0356
rs13358107	C	0.054
rs13168419	A	0.1115
rs150596	C	-0.0604
rs10045568	C	0.0502
rs138989328	A	0.2609
rs76202191	A	0.1493
rs35943711	T	-0.0692

rs71186	T	0.0324
rs26211	A	-0.0373
rs77071252	G	0.1448
rs4122269	C	0.0332
rs40424	T	-0.0659
rs77928465	T	0.1579
rs6887628	A	-0.0322
rs79331299	T	0.1107
rs17834549	C	-0.058
rs4702607	A	-0.0609
rs115913860	A	0.1212
rs79927710	C	0.1012
rs10037638	A	-0.0636
rs10065484	C	0.1177
rs114688473	A	-0.2352
rs78699274	T	0.0978
rs6893037	G	-0.1888
rs150065298	T	-0.162
rs7715910	T	0.0307
rs6895737	C	0.0627
rs11948699	T	-0.0325
rs55927941	A	0.037
rs111279951	A	-0.0791
rs4835957	G	0.031
rs73801029	A	0.0941
rs55849374	G	-0.0755
rs13355543	G	0.0327
rs4868904	G	0.0533
rs77478573	C	-0.1052
rs11952756	A	-0.0368
rs114844989	A	-0.1177
rs6864490	G	0.2088
rs506598	A	0.0325
rs77280431	A	-0.0735
rs11745773	T	-0.032
rs7729198	T	0.0468
rs3797203	T	-0.0408
rs79591417	T	0.1496
rs2964472	G	-0.0343
rs138284391	T	0.1428
rs28728131	A	0.1475
rs7711546	T	0.044
rs4392635	T	0.0372
rs6594595	C	0.0862
rs76748392	G	0.0902
rs112290739	G	0.2488
rs114217198	T	-0.1226

rs4703568	A	0.1556
rs11747617	T	0.2662
rs57347718	A	-0.0457
rs10520896	A	-0.0522
rs589468	T	0.147
rs7702411	T	0.0492
rs1150151	C	-0.2517
rs80299798	C	-0.1539
rs10057700	A	0.1424
rs248623	G	0.0307
rs1053477	C	0.0325
rs35885422	T	0.0715
rs115629470	A	0.1762
rs6595621	A	0.0362
rs10037831	G	0.0707
rs16873802	C	0.1044
rs6453106	A	0.0341
rs115123121	C	-0.2275
rs6898179	G	0.0313
rs1097724	G	-0.0341
rs115763470	A	0.1273
rs2901564	T	0.0608
rs1373997	T	-0.0405
rs148347489	T	0.1448
rs55850341	A	-0.2025
rs28767478	G	0.0304
rs2042235	T	0.0393
rs59520572	C	0.1544
rs10755219	C	-0.0397
rs56167750	A	0.1425
rs116410675	C	0.2366
rs12516947	C	0.2564
rs11241536	T	-0.0338
rs3846494	A	-0.0417
rs115146392	A	-0.131
rs75126126	C	0.1971
rs77681779	A	-0.2001
rs115945214	C	0.1156
rs11744909	T	0.0341
rs72804534	C	0.2515
rs6556045	A	0.0631
rs16878547	C	-0.053
rs6877603	A	0.203
rs154467	G	-0.0373
rs144512430	G	0.1744
rs1565513	T	-0.0315
rs12189454	C	0.0544

rs461018	T	-0.0331
rs7718320	T	-0.0513
rs139883693	A	0.2173
rs4867448	C	0.0816
rs62384560	T	-0.2548
rs2934821	T	-0.0393
rs2936652	T	0.0381
rs141313112	C	0.113
rs4702202	A	-0.0355
rs11167755	A	-0.032
rs3906540	C	0.1408
rs72776407	C	-0.1097
rs115454073	A	0.1566
rs116299734	A	0.1168
rs113433840	A	0.1825
rs75122752	T	-0.1143
rs148044198	G	-0.1565
rs149948725	G	0.182
rs17782374	C	-0.0396
rs57106376	C	-0.1197
rs26000	A	0.0363
rs2059131	G	-0.0341
rs1319959	T	-0.0382
rs114579373	T	0.0997
rs72755505	G	0.0425
rs10079977	T	0.0494
rs4702772	G	-0.0564
rs73801230	C	-0.1175
rs62360232	A	0.0971
rs114712296	G	0.0826
rs252067	C	-0.0576
rs4976566	T	-0.0428
rs72767411	A	0.1075
rs141907033	T	-0.1662
rs151242810	T	0.0806
rs246902	A	0.0338
rs117491880	A	-0.1355
rs35505221	G	-0.0737
rs34575001	T	0.0475
rs865340	T	0.0454
rs2256840	G	0.0375
rs159746	T	-0.0546
rs10063997	C	0.0384
rs80217160	T	0.1849
rs16902363	C	0.1082
rs113769858	C	0.1149
rs61609768	T	0.1611

rs6594798	A	-0.0375
rs1501913	A	-0.0485
rs331565	C	-0.0341
rs535858	A	0.0434
rs71611338	T	-0.083
rs7705643	G	-0.0495
rs34293007	G	0.0471
rs4434365	A	-0.0312
rs79210488	G	-0.159
rs113158780	A	0.1365
rs138997507	T	0.1858
rs336471	A	0.0305
rs6876638	T	-0.0456
rs62357753	G	0.1184
rs78077440	A	0.0411
rs163423	T	-0.0981
rs71591978	C	0.204
rs17717970	C	0.0498
rs16900243	A	0.0395
rs2167763	G	0.033
rs16901854	A	0.0465
rs114454669	A	0.1424
rs143011323	C	0.1952
rs7725600	T	0.1468
rs283174	G	0.1276
rs111809027	T	0.0787
rs71606445	T	-0.0412
rs62328320	G	0.039
rs6596239	C	0.0383
rs2319808	C	-0.0938
rs4958120	A	-0.0391
rs13160014	C	0.0665
rs140795371	G	0.092
rs114267072	T	0.1899
rs2387291	T	0.0409
rs72753837	G	0.2098
rs77122116	G	0.1451
rs11465446	G	0.0494
rs115531887	C	-0.082
rs253908	G	-0.0372
rs2120727	A	0.0308
rs113803662	A	0.2166
rs246380	C	-0.0761
rs72754592	G	0.0631
rs717763	T	0.0683
rs76873330	A	-0.0675
rs74484473	G	0.118

rs298060	T	-0.0346
rs2241349	A	0.0359
rs7710549	C	0.0311
rs34859584	G	0.0349
rs17155526	T	-0.0585
rs12108976	C	0.055
rs10045268	G	0.0423
rs6878842	G	0.0498
rs17783825	C	0.1429
rs140363936	C	0.2032
rs72799812	G	0.0832
rs17057846	A	0.0495
rs28474734	A	0.0415
rs62372477	C	-0.1823
rs2937715	G	-0.0325
rs17087760	T	-0.0855
rs30365	A	0.0451
rs72754650	C	0.1926
rs78318261	T	0.1029
rs4704147	A	-0.0377
rs147081725	T	-0.2172
rs58108907	T	0.0754
rs259069	A	0.0397
rs10044695	G	0.1311
rs62352846	T	0.12
rs74530888	T	-0.2153
rs254080	T	-0.0386
rs4046165	G	0.0504
rs80285806	G	0.2014
rs11954014	T	-0.0309
rs12658909	C	-0.0364
rs13186519	G	0.0888
rs72764537	G	0.0921
rs10060877	A	0.0417
rs1444885	A	0.0703
rs79993120	G	-0.1642
rs2042939	A	0.1007
rs115534005	C	-0.1344
rs168817	A	-0.0302
rs9790969	C	0.033
rs7701366	G	0.0414
rs1664734	A	-0.0864
rs76256920	T	0.0841
rs6894872	G	-0.0402
rs10074776	C	-0.0591
rs78453264	G	0.1157
rs17611199	T	0.1154

rs35489432	T	-0.0543
rs864686	T	-0.0321
rs4701755	A	0.064
rs10066802	A	0.0313
rs2402181	C	-0.0585
rs115637726	T	-0.1199
rs62353354	C	0.0344
rs76533296	G	0.0995
rs139814803	A	-0.2618
rs72795974	A	0.0933
rs10477745	G	-0.0338
rs11739810	T	-0.0765
rs116038366	G	-0.1608
rs74562158	G	-0.0475
rs72748835	T	-0.1283
rs250112	C	0.0595
rs111827064	C	0.0878
rs72818223	A	0.1833
rs149462352	T	0.2928
rs247228	A	-0.0455
rs74691855	T	0.1267
rs32687	T	0.0474
rs145390574	T	0.1416
rs6898214	T	0.0314
rs10073029	T	0.0515
rs146426722	T	-0.1312
rs142028784	G	0.166
rs79132161	C	-0.0798
rs17383748	T	-0.0966
rs10512893	A	0.0317
rs71603842	A	0.1444
rs138233479	C	0.2034
rs35108106	G	0.1243
rs13177082	T	-0.0427
rs75251913	T	0.0754
rs633881	C	-0.049
rs74401147	T	0.1157
rs72776070	G	-0.1733
rs72801022	A	0.0485
rs6881057	C	0.0524
rs62375682	C	-0.1058
rs12654796	A	0.0684
rs62385670	A	0.1939
rs75156784	T	-0.1372
rs10070245	C	-0.0434
rs6879329	G	-0.03
rs72727781	T	-0.1529

rs71599565	A	0.1309
rs56155803	C	-0.1614
rs114526317	A	0.1609
rs79460369	G	0.1075
rs7715484	C	0.1409
rs75034557	G	-0.1155
rs3923770	G	-0.0381
rs4869080	A	0.2049
rs16877221	G	-0.0669
rs6884056	C	0.1299
rs76868541	T	0.104
rs12518607	C	-0.0853
rs1004385	G	0.0484
rs148929325	T	0.0725
rs10055698	G	0.1228
rs7716977	G	-0.1528
rs3864249	T	0.0325
rs1799536	G	-0.0302
rs1346471	C	-0.031
rs75988023	G	-0.1414
rs6860007	T	-0.1324
rs72761236	C	0.1516
rs72781793	G	0.166
rs116256651	G	0.119
rs150318822	G	-0.1573
rs6884561	G	0.0327
rs6887047	C	0.0429
rs1506131	T	-0.0495
rs10074342	C	-0.0312
rs149323735	G	0.2088
rs13164765	G	-0.0858
rs79946984	T	0.0568
rs4957270	C	-0.0317
rs1217772	T	-0.1016
rs12519034	A	0.0375
rs4370259	T	-0.0315
rs890950	A	0.0328
rs13176141	G	0.0444
rs71632909	A	0.1217
rs11951568	T	-0.039
rs6870663	G	-0.0349
rs11750519	T	-0.042
rs116356369	T	0.2812
rs649357	C	0.0578
rs114145122	G	-0.1227
rs2128309	A	0.1424
rs74713191	G	0.1003

rs116497867	T	-0.1105
rs4836277	T	0.0345
rs79939287	T	-0.0609
rs6858967	C	-0.0462
rs115219751	A	0.2404
rs3805705	C	-0.0343
rs62385619	G	-0.1243
rs139517013	A	0.1437
rs891982	A	0.1162
rs144143596	A	-0.3054
rs72808865	A	0.2046
rs113542306	A	0.113
rs1862618	G	0.0372
rs78760882	T	-0.1085
rs160039	A	0.0625
rs12521133	T	-0.056
rs72794428	G	-0.0732
rs113110903	A	0.1874
rs6894105	C	-0.037
rs193447	T	0.0383
rs112892123	C	-0.1303
rs57315995	T	-0.042
rs10057083	G	0.0484
rs151008642	T	0.106
rs112818761	A	-0.2811
rs10515562	G	0.0859
rs58884460	C	-0.0559
rs11739100	G	0.0302
rs114177603	C	-0.2046
rs75283003	C	0.0828
rs3857376	A	-0.1323
rs4317279	A	-0.1478
rs3797126	C	0.0439
rs13172815	A	-0.0709
rs2126039	T	0.0409
rs116719999	G	-0.0778
rs114510890	T	-0.1046
rs72824978	T	0.1491
rs56388645	C	-0.1177
rs1813830	A	0.044
rs1056491	G	0.0316
rs115142710	T	0.1301
rs115794282	G	0.1361
rs62383864	C	0.062
rs16870823	C	0.08
rs62379505	T	0.2214
rs26717	T	-0.0515

rs76076024	A	0.0754
rs138877329	G	0.1418
rs2678173	A	0.0775
rs150104955	T	-0.1109
rs17083131	T	-0.136
rs60682212	G	0.1507
rs74360204	T	0.1809
rs6872677	A	0.1657
rs71605708	C	0.1424
rs12654017	T	-0.0441
rs36977	G	0.0324
rs114496545	A	0.1469
rs26584	C	0.0387
rs71612940	T	0.0433
rs6890448	C	-0.0351
rs144654989	T	-0.1238
rs1497469	G	-0.039
rs13160977	G	-0.0905
rs11739429	A	-0.0795
rs72810270	C	-0.0617
rs115995955	A	0.1698
rs10515579	G	0.0389
rs2909726	A	-0.0374
rs78990654	G	-0.1868
rs1196	T	-0.0308
rs115973015	T	0.1159
rs71596751	A	0.0732
rs75252375	G	-0.115
rs79670039	C	-0.094
rs2560262	C	0.0356
rs17809930	G	0.116
rs77599664	A	0.1733
rs920388	T	-0.0654
rs2921533	G	-0.0337
rs4401602	T	0.0325
rs72777277	T	0.1614
rs2221441	G	0.0349
rs62366044	G	0.1982
rs11953167	G	0.112
rs79754576	T	0.1388
rs66490960	A	0.1082
rs113676695	A	0.0724
rs13173028	G	0.0557
rs150341710	G	-0.1271
rs78289681	G	0.0696
rs147656586	T	0.146
rs2973342	G	-0.0356

rs1559130	C	-0.031
rs78594111	C	-0.1667
rs10478737	T	0.0587
rs10058743	A	0.0375
rs370401	G	0.0472
rs17648820	A	-0.0301
rs17098621	C	0.0593
rs898599	A	-0.0298
rs111954700	G	0.1451
rs6893265	G	0.0423
rs79515928	A	-0.1044
rs2331104	G	-0.0559
rs149378132	T	0.1215
rs143576918	A	0.2036
rs6890910	C	0.0312
rs10077282	G	0.0646
rs34404780	G	0.2067
rs2306617	C	0.0328
rs852244	C	-0.0485
rs114780784	C	0.1914
rs114586418	T	0.124
rs298402	A	0.0311
rs9329092	C	0.0388
rs13170880	T	-0.0855
rs6888613	C	-0.034
rs145440989	A	0.1497
rs72759779	C	-0.1379
rs59338075	G	-0.0903
rs55804820	T	0.0893
rs61091971	A	-0.0378
rs78355606	T	0.1591
rs150576669	G	0.1793
rs9687880	G	-0.1226
rs115419644	A	-0.071
rs55695437	T	0.1019
rs11134428	T	0.0574
rs2913848	T	-0.0313
rs2059127	T	-0.0345
rs1439573	G	0.0304
rs17649880	G	-0.0742
rs4702673	G	0.0465
rs146410525	T	0.2052
rs2589772	G	-0.0772
rs71599549	A	0.0831
rs12109551	A	0.0893
rs72725379	A	0.0784
rs61231319	C	-0.0669

rs7737428	A	0.0392
rs144532710	A	0.1219
rs114963949	A	0.1639
rs11134480	C	0.0502
rs11135371	A	-0.0529
rs141979912	G	0.3013
rs58140182	C	0.0569
rs17211100	G	-0.0348
rs148940280	T	0.2224
rs141247850	A	0.1446
rs114723049	G	0.1636
rs6861818	T	-0.0336
rs3777364	T	0.0463
rs10068000	A	0.0387
rs693553	C	-0.0294
rs353482	T	-0.0362
rs74658102	T	0.1358
rs7735534	G	-0.0403
rs13157979	A	0.0332
rs139912848	G	-0.1706
rs79105210	G	-0.0961
rs74660183	C	0.0956
rs12652255	A	-0.0436
rs115451900	G	0.0947
rs113924541	G	0.2561
rs114922915	T	0.1113
rs11744400	C	0.1168
rs3111187	A	0.0992
rs10516077	G	0.0427
rs113000243	T	-0.0979
rs59153872	T	-0.1457
rs160615	T	-0.0751
rs12521024	A	-0.049
rs75748527	A	0.1524
rs145414527	A	0.2407
rs6862942	T	0.0375
rs10514347	T	0.067
rs75807485	A	0.0589
rs17441007	T	0.0789
rs114879277	C	0.2311
rs17228255	T	0.1994
rs144992162	A	0.1311
rs115219068	C	-0.1924
rs159721	T	-0.038
rs35131072	T	-0.0304
rs114037350	G	0.0748
rs62388285	T	0.0499

rs16879113	G	-0.0514
rs116464191	T	0.075
rs55932955	A	-0.0887
rs113456633	A	0.0493
rs11746589	A	-0.0306
rs9327159	A	0.0477
rs142228802	T	0.1011
rs4957874	C	0.1633
rs3094359	T	0.0338
rs7725047	T	0.0964
rs10463291	A	0.1661
rs10478635	C	-0.0488
rs143724308	T	0.2251
rs253217	T	-0.0585
rs73774896	G	0.1236
rs11744156	C	0.0304
rs80163706	A	0.0691
rs62405526	G	0.1209
rs309621	A	-0.0793
rs78287360	A	-0.1622
rs113672102	C	0.1966
rs163186	C	0.0346
rs357281	T	-0.0397
rs115592263	T	0.1068
rs59014024	T	-0.0989
rs163907	C	-0.0295
rs145445282	G	0.273
rs72750736	T	-0.1333
rs143229033	C	0.1322
rs80100773	A	-0.1575
rs79884224	C	-0.0533
rs17325968	C	0.0779
rs11953724	C	0.0445
rs9637761	C	0.0641
rs114363252	A	-0.0562
rs139038364	A	0.1421
rs72786955	C	-0.1052
rs115653200	C	-0.2125
rs147858049	A	0.1886
rs10515625	C	0.0515
rs71599721	T	0.1254
rs148749364	G	0.2176
rs115182768	T	0.1342
rs76851893	A	-0.1159
rs77390459	T	-0.1899
rs35101096	C	0.1568
rs7709566	G	-0.0399

rs10045976	T	0.0672
rs1549225	C	0.0305
rs7729897	G	0.1309
rs2569236	G	0.1128
rs115958455	C	-0.1046
rs903246	C	0.1017
rs6872054	G	0.1472
rs6872503	G	-0.039
rs62394983	T	-0.0632
rs59717957	C	0.1435
rs62372178	C	-0.0298
rs115356342	C	0.1439
rs145251588	T	0.035
rs1559125	T	-0.0295
rs31692	C	-0.0456
rs9716541	G	-0.0292
rs114749676	T	-0.2028
rs448038	C	-0.0516
rs11740118	T	0.0713
rs138617277	T	0.1002
rs138322076	C	-0.1963
rs55818561	A	0.1069
rs72804002	T	-0.0945
rs17713762	G	0.0742
rs318108	T	0.0396
rs353241	T	0.05
rs80320219	T	0.086
rs151264833	G	-0.1004
rs17360625	G	-0.108
rs35142985	G	0.0535
rs76403299	T	0.1187
rs10041871	G	0.0318
rs139020602	G	0.2228
rs1363846	A	0.0304
rs11738844	A	-0.0564
rs4976310	T	0.0291
rs148487301	C	0.1141
rs7722252	T	-0.0957
rs73116717	C	0.0495
rs17310366	C	-0.1042
rs75258736	C	-0.1798
rs34491350	T	-0.0582
rs6877486	T	0.0489
rs1422947	C	-0.0854
rs56405886	T	0.0465
rs59329233	C	-0.0366
rs2950491	C	-0.0308

rs141561531	A	0.1465
rs998906	C	0.0307
rs116575206	G	-0.1207
rs116000185	T	0.1907
rs3797652	A	-0.0508
rs17653203	G	-0.0603
rs13160430	C	0.0922
rs245365	T	0.0325
rs144546474	A	0.1382
rs7737824	G	0.0469
rs73331122	A	0.0447
rs4492144	C	-0.0515
rs17548207	A	-0.0498
rs4246742	A	-0.0707
rs114932289	A	-0.1047
rs34391562	G	0.0321
rs13186680	A	0.0808
rs114069635	A	-0.0817
rs114980400	G	0.1523
rs144528270	C	0.1413
rs10478039	T	0.034
rs111235580	A	0.2753
rs72821231	G	0.0496
rs10077569	T	-0.1798
rs7729289	T	0.1504
rs10078702	T	0.0743
rs10070409	A	-0.0303
rs34111680	C	-0.0399
rs13158555	C	-0.103
rs72798310	A	-0.1218
rs32458	G	0.0424
rs74601361	G	-0.143
rs80110707	G	-0.1097
rs72791889	G	-0.1011
rs59269054	A	-0.0713
rs73074607	A	-0.0613
rs1546162	T	0.0437
rs4957275	G	0.0687
rs2913372	G	-0.03
rs1946758	T	-0.0642
rs78240826	A	0.0954
rs62369447	A	0.1017
rs62374201	A	0.0385
rs62330267	C	-0.0478
rs78950633	T	-0.093
rs114717582	C	0.088
rs2974621	A	0.0292

rs78007136	G	-0.0835
rs78780834	G	0.0692
rs693064	C	0.1441
rs520002	T	0.0321
rs30436	G	-0.0302
rs115795341	T	0.1229
rs145915759	A	-0.1084
rs77092041	A	0.0774
rs1864217	T	0.0312
rs4869247	G	-0.0434
rs10462505	G	-0.0575
rs17512901	A	0.0975
rs76820758	A	0.1812
rs11135445	G	0.0651
rs57491109	G	0.0839
rs75148452	T	0.1626
rs78275416	C	0.0693
rs2227821	A	-0.1204
rs114732391	C	-0.1275
rs34567864	T	0.0938
rs17738166	A	0.0302
rs33885	A	-0.0349
rs1453108	A	0.1706
rs77011286	T	0.1205
rs115559931	T	-0.0833
rs6555390	T	-0.03
rs1028161	G	0.0349
rs75799087	T	-0.1226
rs4554172	G	0.1918
rs2963482	G	0.0307
rs10474185	C	-0.2108
rs7449037	G	0.0305
rs79594311	G	-0.1038
rs6888372	A	0.1488
rs150553367	G	0.1509
rs17348383	A	-0.1533
rs78835418	C	-0.1744
rs79973119	C	0.122
rs10066065	G	-0.0377
rs79667811	A	0.16
rs2968217	C	0.0339
rs113169134	T	0.1529
rs68035693	A	0.0816
rs145450186	G	-0.196
rs112826936	T	0.2178
rs144951524	A	-0.0637
rs73187188	G	-0.1109

rs80299423	G	-0.1264
rs6889989	A	0.0357
rs115196520	G	0.1864
rs32800	C	-0.0316
rs28657832	G	0.1221
rs115302400	A	0.0799
rs56892928	G	0.0835
rs72770640	A	0.2268
rs6888174	T	-0.1578
rs6865614	C	0.0551
rs28415991	C	-0.0366
rs7718468	G	-0.0301
rs28871984	G	-0.0437
rs35772887	T	0.1164
rs16874759	A	-0.0371
rs7737462	G	-0.0309
rs736514	T	0.0332
rs73755047	C	0.1492
rs13155916	A	-0.0534
rs17256526	T	0.0587
rs71595946	T	-0.1658
rs13362489	C	-0.062
rs35929063	G	0.0618
rs11952452	C	-0.0614
rs6897795	A	-0.0453
rs7718916	T	-0.0431
rs71609222	C	0.0956
rs34936557	C	-0.0621
rs17166980	T	0.0686
rs17058402	A	-0.0954
rs72733363	G	0.1039
rs12173033	A	-0.0556
rs140712457	G	0.1939
rs29833	T	-0.0294
rs111503391	T	0.1193
rs6887281	G	0.0305
rs824893	C	-0.0411
rs41389245	G	0.0706
rs62364317	C	0.1327
rs4343874	G	0.0286
rs13173915	T	0.2907
rs7721835	C	-0.0289
rs77314253	A	-0.1139
rs1972638	T	-0.0423
rs17361885	T	-0.0471
rs72757836	T	0.075
rs34951517	T	-0.1377

rs7704494	C	-0.2109
rs116814422	C	0.1672
rs72791998	T	0.0551
rs6595711	T	-0.0499
rs12189401	C	-0.0715
rs73177409	G	0.1256
rs148027378	A	-0.1185
rs2288777	G	0.0535
rs4432839	G	0.114
rs115098885	A	-0.1949
rs11741278	G	0.0392
rs76598981	A	0.1466
rs11326	C	-0.0437
rs13164693	G	0.0645
rs72731048	C	-0.0532
rs257344	G	-0.0341
rs334484	T	-0.0525
rs3212682	G	0.0749
rs72831337	T	-0.063
rs2736103	C	-0.0359
rs56096651	G	-0.116
rs11740933	A	-0.059
rs73073975	C	0.1637
rs2306339	A	0.0338
rs168331	C	0.0349
rs35350827	T	-0.1085
rs13155194	G	0.0543
rs7705407	G	-0.0364
rs114961826	A	0.0912
rs150954750	T	0.2292
rs6868626	G	0.0505
rs74369478	T	0.0963
rs270201	C	-0.0344
rs138561538	C	-0.18
rs6896626	A	-0.0361
rs116847641	T	0.1324
rs2471130	C	0.0324
rs79835633	T	-0.1298
rs4957639	T	0.0592
rs62622796	T	0.1427
rs7735262	A	0.0491
rs16894499	C	0.0948
rs151152	T	-0.0411
rs4314381	A	-0.0305
rs71615994	T	0.0665
rs55927048	T	-0.0755
rs4990391	T	0.0499

rs146441880	T	0.1285
rs4145748	T	0.0633
rs79421516	T	-0.0829
rs17584481	T	0.0326
rs12653262	T	-0.0846
rs250833	T	-0.0362
rs7737937	A	0.0411
rs17613411	T	0.0979
rs143325363	T	-0.1685
rs62376929	A	0.0396
rs13436933	G	-0.0554
rs34981398	T	-0.0369
rs114058786	A	-0.1437
rs3924895	T	0.0454
rs11745468	T	-0.057
rs292212	A	0.0768
rs116839170	C	-0.1513
rs62377732	T	0.0352
rs34162788	G	0.0306
rs76587999	C	0.0521
rs145935887	T	-0.1791
rs17214025	G	-0.2233
rs115366841	A	0.1288
rs2592093	C	-0.0402
rs114463499	T	-0.1328
rs244714	T	-0.0541
rs62357146	A	0.1348
rs115671741	A	-0.2544
rs75256387	C	0.1088
rs72751304	G	-0.0899
rs2161343	G	-0.0295
rs59551663	T	-0.0866
rs17450784	C	-0.0447
rs143693125	A	0.1536
rs12518719	C	0.1632
rs114964389	T	0.1052
rs75601385	C	0.0483
rs79243469	A	-0.1191
rs79978341	A	-0.1256
rs12332657	A	0.0945
rs78869868	C	0.1388
rs73247096	G	-0.0483
rs75679736	A	0.1569
rs78206189	C	0.1158
rs983571	G	0.0286
rs10051868	T	0.0941
rs148046905	G	-0.1387

rs1501756	G	-0.049
rs77747317	A	-0.2242
rs12520985	T	0.0367
rs10064001	C	0.0348
rs2963663	C	0.031
rs1500127	T	0.0636
rs17256961	C	0.0438
rs73072233	G	-0.1612
rs75507866	A	-0.172
rs75938462	T	0.2382
rs72822744	T	0.0502
rs4422515	G	0.0336
rs77609659	T	0.1654
rs112384424	T	0.1098
rs149828140	C	-0.0956
rs73123908	A	-0.0779
rs1398336	T	-0.0347
rs115693949	C	-0.1235
rs71575323	T	0.0453
rs114135854	G	0.2417
rs371869	A	-0.0951
rs2913381	A	-0.1326
rs4235498	T	0.0287
rs702077	A	0.1538
rs115417347	G	0.0654
rs76249205	G	-0.1378
rs114812871	G	0.0744
rs62367073	T	0.1402
rs9686714	C	0.0617
rs6898432	C	0.0552
rs4702330	T	-0.033
rs139097116	G	-0.099
rs73297633	A	0.0763
rs116031596	A	-0.0693
rs7705904	G	0.0288
rs1896607	A	-0.1004
rs28377118	T	0.1003
rs72771875	A	0.0991
rs76016407	T	0.1924
rs1315588	A	0.0912
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rs888783	T	-0.0306
rs10064430	G	0.2206
rs11167741	G	0.0342
rs696737	C	-0.061
rs265416	C	-0.0433

rs7716440	C	0.0699
rs116000100	G	0.1297
rs17255924	A	-0.1577
rs62375978	T	0.1668
rs116416589	A	0.1736
rs72796064	T	-0.0589
rs79797086	T	-0.2397
rs1205742	C	0.0312
rs929765	G	0.0381
rs113513390	C	0.1705
rs138278269	T	-0.2095
rs115934700	T	0.0607
rs55838022	C	-0.0402
rs10941232	G	0.0327
rs114657307	A	-0.1635
rs6874642	T	-0.0374
rs56214827	A	0.1132
rs149584	G	0.0314
rs115952066	A	0.1049
rs11958655	C	0.0432
rs7703866	C	0.1803
rs76285486	A	0.1561
rs56143350	T	-0.0295
rs78053946	T	0.1028
rs111295019	G	0.0703
rs10077700	T	-0.0473
rs28764835	A	-0.0482
rs72764168	T	0.0367
rs147570823	T	0.1941
rs7726258	G	0.0521
rs28866924	G	0.0589
rs75631290	A	0.0623
rs11956185	C	0.0738
rs13154202	C	-0.0879
rs146657394	C	0.1176
rs2112618	G	-0.0401
rs35431917	T	0.0749
rs75250438	A	-0.0656
rs822470	A	-0.0359
rs13359356	A	0.0627
rs6891100	C	0.0458
rs114814118	C	-0.1097
rs3776579	G	-0.0689
rs78296213	G	-0.1311
rs78730246	A	0.0716
rs10462632	A	0.029
rs905176	A	0.0313

rs76079891	T	-0.0717
rs72760191	A	-0.0802
rs113564264	C	0.208
rs116608979	T	0.2124
rs282406	A	0.0729
rs72752089	G	0.1061
rs17788784	C	-0.1083
rs76342122	T	0.1303
rs116685436	A	-0.1423
rs12153513	G	0.0326
rs79881090	G	-0.0865
rs142109317	C	-0.1755
rs6897626	T	-0.0346
rs12520996	C	-0.0304
rs67658220	C	0.0438
rs77568003	T	0.071
rs72791286	C	0.0645
rs150826772	A	-0.1503
rs142877472	T	-0.0853
rs114560566	T	-0.249
rs194450	C	0.0476
rs62377261	A	0.032
rs113630952	T	0.0487
rs6555342	A	0.0357
rs78009119	G	0.1278
rs10223138	G	0.0405
rs72785074	G	0.0894
rs56122927	T	-0.0496
rs72820336	C	-0.0992
rs34398974	G	0.1159
rs7707080	T	-0.0438
rs79483746	A	0.1387
rs11134906	T	-0.0378
rs10068326	A	-0.0328
rs2974436	C	0.0921
rs62362011	C	0.0398
rs7720980	C	-0.0335
rs56344225	A	-0.0748
rs12153452	G	-0.054
rs75963578	T	0.1042
rs35190985	A	0.1045
rs1145623	A	-0.0479
rs2112867	T	-0.0301
rs139556122	C	-0.1377
rs16886829	G	-0.0684
rs72777928	A	0.0736
rs252417	C	0.1282

rs6601095	T	-0.0348
rs11960727	A	0.0623
rs114081440	A	-0.2042
rs113558640	C	0.1296
rs32494	C	0.0353
rs147669488	A	0.2359
rs115769200	A	0.1161
rs10038242	G	0.0787
rs77691727	G	-0.0877
rs6898088	A	-0.0283
rs150364709	T	-0.2024
rs141625627	G	0.1848
rs72800828	G	0.1083
rs142346433	C	-0.1136
rs76858877	C	0.0865
rs141418579	A	-0.2287
rs10475993	G	-0.0432
rs114574654	T	-0.2501
rs13168660	A	-0.0421
rs4145068	T	0.031
rs142176042	C	-0.1121
rs17460496	A	-0.0566
rs56390865	C	0.0851
rs59927528	C	0.1297
rs4452568	G	-0.0321
rs10060477	G	0.0365
rs13156175	A	0.0437
rs4703511	A	0.0709
rs58851047	A	-0.038
rs11948950	A	0.0517
rs17147577	A	0.0287
rs261052	A	-0.0718
rs71592151	C	0.0926
rs13157627	A	-0.029
rs114335886	C	-0.0817
rs56349318	T	-0.099
rs9687078	T	0.0327
rs1428925	T	0.0613
rs895801	A	-0.0482
rs6595203	A	0.07
rs78778481	A	-0.1073
rs72793010	G	0.1674
rs140102601	T	-0.2409
rs62357336	G	0.0992
rs26436	T	-0.0448
rs17707884	A	-0.0296
rs6871011	C	0.0428

rs72647757	A	0.1374
rs11135378	G	0.05
rs1477284	C	0.0291
rs267385	C	-0.0429
rs112406293	A	-0.1402
rs17571587	T	0.0442
rs446421	A	-0.142
rs13156994	A	-0.0936
rs4588550	T	0.0324
rs255577	C	-0.0852
rs75354639	T	-0.1012
rs115427528	A	-0.1722
rs56798969	A	0.0396
rs79863393	G	0.0667
rs62383936	C	0.1412
rs778826	G	-0.0438
rs80356008	C	-0.0411
rs77147454	G	-0.2299
rs297176	T	0.1048
rs34995018	G	0.1413
rs114362822	T	0.1497
rs2456220	A	0.0287
rs12188029	T	-0.0901
rs251086	A	0.0429
rs750493	A	-0.0453
rs11134453	A	-0.0291
rs2057796	A	-0.2451
rs62372460	T	0.0912
rs10214211	C	-0.0637
rs11133960	T	-0.0488
rs1363969	G	0.0298
rs2881773	G	-0.0339
rs12520708	A	0.1312
rs62357006	A	0.0312
rs78084101	A	-0.1747
rs72739430	C	-0.0568
rs1828181	C	0.0613
rs111402958	T	-0.0761
rs114185447	T	0.2193
rs2964348	C	-0.0328
rs1902950	C	0.1822
rs4298283	C	0.0417
rs792966	G	0.0325
rs7379023	T	0.0383
rs116437228	C	-0.0638
rs5744463	G	-0.0869
rs455355	T	0.0312

rs11950112	A	0.1774
rs115919668	A	-0.1957
rs141310981	G	0.1617
rs25745	G	0.0285
rs144171969	A	0.1202
rs80042887	A	0.1575
rs66778937	G	-0.04
rs62377098	A	0.1233
rs114765571	A	-0.0506
rs7708829	G	0.028
rs30268	G	-0.0406
rs7702731	A	0.0309
rs5006710	C	0.125
rs62339020	T	0.1137
rs7711187	A	0.1219
rs6869766	G	0.0545
rs73808738	G	0.1016
rs72818028	T	-0.1302
rs6888181	C	0.1817
rs6452576	G	0.0314
rs12514957	G	0.0542
rs78550861	G	0.0875
rs3111093	T	0.0452
rs7714652	A	0.0303
rs139896030	T	-0.2578
rs4865845	A	0.0319
rs138854325	C	0.1525
rs57199527	T	-0.0481
rs6885936	A	-0.0423
rs73037046	G	0.1056
rs12518735	T	0.0358
rs140947680	T	0.1908
rs115165944	A	-0.1325
rs62357170	T	-0.0411
rs62363941	G	0.0623
rs34500994	A	-0.1264
rs72835811	C	0.0397
rs79359975	C	0.0887
rs12519655	A	0.1026
rs36050325	A	-0.0426
rs76685766	T	-0.1363
rs374138	A	0.036
rs4700716	T	0.1933
rs7733346	T	-0.0352
rs72790894	C	-0.0639
rs7447569	T	-0.1181
rs7701775	A	-0.0488

rs10472230	C	-0.0342
rs41420550	A	0.0614
rs55637827	G	0.1818
rs1438733	T	0.0561
rs12652501	G	0.0327
rs111869964	T	-0.0397
rs6868854	C	-0.0337
rs75722097	G	0.0427
rs149006992	A	-0.1533
rs149002177	G	0.2009
rs35294	C	0.0314
rs2545660	A	0.0318
rs34440596	C	0.1268
rs12522757	A	-0.0525
rs115844017	C	-0.2484
rs16887626	T	0.0392
rs163215	C	-0.0597
rs16872900	C	0.0897
rs17572668	C	0.1778
rs323654	C	-0.0484
rs62367502	G	-0.1057
rs11740661	T	-0.1418
rs77499817	T	0.0983
rs32283	G	-0.0402
rs139298380	A	0.0916
rs293123	G	0.0283
rs2530216	C	0.0277
rs11242234	C	0.0332
rs111254460	T	-0.0892
rs13189018	T	-0.0423
rs11241388	G	-0.0481
rs113209155	T	0.1715
rs248607	G	0.0386
rs17110665	A	-0.0667
rs79089301	A	-0.1134
rs10042968	G	0.0336
rs6555883	G	0.0329
rs74605242	A	0.083
rs154447	G	0.0302
rs140260076	T	0.2407
rs76094815	T	0.1093
rs1444120	G	-0.0299
rs2019005	G	0.0286
rs10463707	C	0.0657
rs1186995	C	0.1252
rs17136124	T	-0.0401
rs2011395	C	0.0281

rs79817769	G	-0.0531
rs75538428	A	-0.2172
rs76553060	C	-0.1939
rs9292199	C	-0.0806
rs2287744	A	0.0636
rs62372486	T	-0.1075
rs149235996	G	0.1458
rs78776144	C	0.1019
rs745978	C	-0.1779
rs1008855	T	0.0786
rs148430805	T	0.0784
rs2973809	T	0.0328
rs1862175	C	-0.0317
rs4957045	T	-0.0348
rs71588347	G	-0.1131
rs62380623	A	-0.0826
rs114135504	C	-0.2073
rs116413117	A	-0.2277
rs79769846	G	0.0974
rs115461303	T	0.2153
rs4365850	C	0.0375
rs75428798	T	0.0897
rs3812046	A	0.0325
rs6898481	G	0.0768
rs146790863	T	-0.1613
rs7706331	T	0.1407
rs72809664	C	0.0992
rs112027369	A	0.1528
rs199188	T	0.0405
rs35691319	A	0.0943
rs10476909	C	-0.0405
rs55922930	C	0.1299
rs115727248	A	-0.1325
rs146441991	A	-0.1469
rs1974789	G	0.0303
rs144186074	C	0.2043
rs3111112	C	0.0284
rs10461875	A	-0.0368
rs34191738	G	0.0804
rs148793245	T	0.1432
rs13175533	T	-0.0397
rs11135382	A	0.0987
rs10940565	T	0.0316
rs27303	G	0.0377
rs331025	A	-0.041
rs1630663	A	-0.0343
rs27351	C	-0.0363

rs10472519	A	-0.033
rs1465415	T	0.0739
rs72773789	T	0.1777
rs114497419	G	-0.0969
rs7724670	A	0.0917
rs12654055	C	-0.0283
rs114173054	T	-0.2207
rs17454632	T	-0.0331
rs12518302	T	-0.0771
rs115811725	G	0.1283
rs12716253	C	0.0369
rs144325903	G	0.2073
rs10491257	T	0.0739
rs11960129	G	0.0316
rs150362959	A	-0.1778
rs116368911	T	0.1328
rs13182491	C	-0.1046
rs17082764	T	-0.0515
rs142790525	T	0.2427
rs75934119	T	0.0401
rs31009	G	-0.0485
rs56148609	C	0.0338
rs78523556	G	-0.2733
rs78798700	G	-0.196
rs78345977	G	0.1596
rs72782145	A	0.1172
rs55899552	T	-0.1548
rs11742336	C	-0.0313
rs114561331	C	0.2235
rs62372090	A	0.1006
rs10428597	A	-0.0371
rs56059805	T	0.1197
rs62378056	A	-0.1202
rs10514220	G	-0.0431
rs77694828	A	0.0451
rs10072756	A	0.0912
rs4410655	T	-0.0283
rs80059114	A	0.1012
rs6860677	A	-0.0275
rs139824252	A	-0.1557
rs17159197	A	-0.0402
rs144237942	G	-0.1026
rs116378353	A	0.1369
rs112667211	C	0.1674
rs13155055	T	-0.0721
rs147604995	A	0.0563
rs2463773	A	-0.0648

rs35737824	T	0.1036
rs10463262	A	0.0373
rs6450855	C	-0.0285
rs72795263	T	-0.0497
rs727301	A	0.0674
rs17553840	T	0.0361
rs10075171	G	-0.0299
rs72804586	T	0.0431
rs34993	C	-0.0403
rs79323781	T	0.1071
rs13168988	C	-0.0883
rs80178004	A	-0.1425
rs72804361	T	0.0645
rs72771597	C	0.1333
rs58239922	G	-0.0764
rs11952011	C	0.0344
rs75875510	A	-0.0317
rs6596121	G	0.0315
rs7722590	T	0.0331
rs62387267	A	0.2346
rs78469311	G	0.116
rs1506126	G	0.0353
rs79038279	A	0.1016
rs4868462	C	0.0279
rs74549930	G	0.1549
rs6869256	A	-0.1188
rs111275255	T	0.0714
rs6555548	A	-0.0448
rs1596776	G	0.0327
rs6864913	A	0.0304
rs3857431	A	0.0303
rs150479817	C	-0.2296
rs145790649	C	-0.1161
rs59621871	C	0.047
rs331098	C	-0.0276
rs77567670	G	0.137
rs72779109	T	-0.08
rs11960831	T	0.052
rs12514566	A	-0.0301
rs62360118	T	0.1813
rs7734622	C	0.1546
rs267793	G	-0.0419
rs138416857	G	-0.0736
rs719702	T	-0.0287
rs150880208	T	-0.1186
rs141451424	C	0.0604
rs116147527	A	0.186

rs1152154	A	0.0511
rs3798012	A	0.0664
rs7713028	A	0.0793
rs6869903	C	0.0429
rs326145	G	-0.034
rs149851341	G	-0.1769
rs3857307	T	0.0346
rs72775387	T	-0.0541
rs72793048	C	-0.3107
rs6860678	T	0.0433
rs114661737	G	0.1265
rs10042095	G	0.0449
rs74576285	G	-0.1842
rs4616844	G	-0.0481
rs116132831	C	-0.1087
rs78269864	A	0.1212
rs34836059	G	0.0345
rs58460999	T	0.0638
rs115083495	A	0.1317
rs137876353	C	0.2363
rs62335997	T	-0.0359
rs111243563	A	-0.1594
rs78875108	G	0.1276
rs7720567	C	0.0933
rs62341160	T	0.0397
rs298596	T	-0.0322
rs115715159	C	-0.134
rs1428709	C	-0.1113
rs77098289	A	0.0651
rs2936970	A	-0.035
rs2195371	C	0.044
rs75976778	A	0.1972
rs72765172	A	-0.1847
rs7722265	G	0.1844
rs13159905	A	-0.0519
rs79509696	A	-0.0959
rs59024931	A	-0.0522
rs10038371	C	0.0281
rs2887694	A	-0.0711
rs56112136	T	0.1132
rs75478641	C	0.1496
rs35259902	T	-0.0493
rs72747768	T	0.0928
rs76145636	A	0.1512
rs76236043	G	0.1613
rs11954764	A	-0.0284
rs116315659	C	0.226

rs116144011	C	0.2159
rs56387034	A	-0.0316
rs78320618	A	0.0617
rs78541804	T	0.0786
rs6864849	G	-0.0285
rs76693878	T	0.229
rs60794186	T	0.0448
rs78282908	C	-0.2662
rs13160457	A	0.033
rs114130885	G	-0.077
rs1644314	G	-0.0682
rs78591977	A	0.1277
rs62383000	A	0.0837
rs2115046	C	0.0657
rs147165657	G	-0.0967
rs115502782	T	0.0939
rs2408763	A	0.0353
rs12187782	T	0.0283
rs7728599	G	-0.0357
rs12515016	G	0.0975
rs75172471	C	-0.1049
rs246598	T	0.0754
rs13177591	A	-0.0315
rs1483300	A	-0.0335
rs13162060	C	-0.0925
rs10078713	T	-0.1597
rs78536858	T	0.1686
rs2120099	G	-0.0907
rs72704438	G	-0.0712
rs62369724	C	-0.1842
rs13169302	G	-0.1138
rs142181551	A	-0.1509
rs37790	C	-0.0287
rs147522793	T	-0.1987
rs17205642	A	0.1683
rs75535881	T	0.1265
rs62361810	C	0.263
rs34227376	C	0.1276
rs1609462	C	0.0291
rs354599	G	0.0363
rs153577	T	-0.0442
rs57229190	A	0.0314
rs4552565	A	0.0294
rs11744048	T	-0.0388
rs149237441	A	-0.1028
rs77276103	A	0.0961
rs4235508	C	0.0353

rs1996778	G	-0.0338
rs72766486	T	0.1049
rs35808268	G	-0.0849
rs150850907	A	0.15
rs11738550	C	0.0414
rs79683263	A	-0.0494
rs72782857	A	-0.0782
rs7701208	A	-0.0368
rs7720377	G	-0.0295
rs11567997	G	0.0852
rs17527699	G	0.1087
rs62343902	C	0.062
rs115395026	A	-0.137
rs114912254	G	0.1999
rs6596145	T	-0.0295
rs78563288	T	0.246
rs151212400	G	0.1425
rs62367504	C	-0.0934
rs17228156	C	-0.0572
rs76273759	A	0.1858
rs138262648	C	-0.144
rs2578483	G	-0.0291
rs6554994	T	-0.0279
rs3828569	G	-0.0472
rs2662521	A	0.0382
rs10077468	G	0.0326
rs78529762	C	-0.1051
rs28865092	A	0.0488
rs27685	A	0.0436
rs116703382	A	0.1734
rs4288127	G	0.0279
rs4868150	A	0.0717
rs11744283	T	-0.0875
rs79493336	G	-0.1143
rs3843449	A	0.0282
rs74716916	T	0.177
rs77314194	A	0.0684
rs77523629	T	0.0486
rs13356285	T	0.0484
rs10519490	G	-0.0451
rs139632390	T	0.0649
rs115610921	G	-0.0825
rs11133633	C	0.0295
rs13162125	G	0.0315
rs11134781	A	-0.0819
rs12657668	A	0.1245
rs9293354	A	0.0306

rs328671	G	0.0297
rs1021224	C	-0.0302
rs1379546	A	0.221
rs17681860	T	0.0855
rs73288823	C	-0.0539
rs115993758	T	-0.1418
rs17480969	A	0.0653
rs17155896	A	-0.045
rs2304793	C	0.1513
rs1107621	A	0.027
rs292210	A	-0.0325
rs7704135	T	0.1933
rs336463	T	-0.0281
rs115356469	T	-0.134
rs2731897	A	-0.0455
rs74466285	G	0.0532
rs31533	A	0.0272
rs10044874	G	-0.051
rs79130729	C	-0.1039
rs76992598	C	0.0638
rs59761481	A	-0.0818
rs147804310	C	0.1381
rs72738264	T	0.121
rs7719826	C	0.0272
rs13156977	G	-0.0336
rs6890327	A	-0.033
rs76506912	G	0.1473
rs7735330	C	0.103
rs56234115	T	-0.1875
rs139515851	G	0.1068
rs7721111	C	0.0573
rs111889445	C	-0.14
rs74513251	A	-0.1134
rs78174798	A	0.0593
rs7726734	A	-0.0407
rs2303644	A	0.0318
rs115266434	T	0.1757
rs80087625	G	-0.0569
rs314727	C	-0.0325
rs11746369	T	0.1109
rs113214835	G	-0.1562
rs142265478	A	-0.1526
rs17611733	G	0.1371
rs4048662	G	0.0309
rs17408227	T	0.0286
rs146306245	A	-0.1794
rs4326178	T	-0.0403

rs1805945	C	0.0491
rs6879791	C	-0.0407
rs10058439	C	0.1431
rs79934913	G	-0.0402
rs76031814	C	-0.1267
rs6874289	T	-0.0323
rs113220171	C	0.0943
rs4516815	T	-0.0587
rs2434306	T	-0.0436
rs114864735	C	-0.0768
rs58404507	T	-0.1857
rs17645506	T	0.1088
rs35714004	G	-0.0611
rs75052570	G	0.1385
rs62374060	T	0.1732
rs6891745	A	0.0288
rs3798017	T	0.1856
rs2168878	G	-0.0318
rs11135421	C	0.0317
rs17140605	A	0.1043
rs10053398	T	-0.0477
rs13173859	G	-0.0908
rs7710225	G	0.0285
rs115670978	A	0.1848
rs11948085	A	-0.0669
rs72789003	A	-0.0732
rs74717808	C	0.1235
rs10040844	T	-0.047
rs76471671	T	-0.08
rs10514958	T	0.0407
rs11960621	A	0.0482
rs114071238	A	-0.1314
rs78513438	G	-0.0607
rs72723039	G	0.0787
rs115789483	A	-0.1099
rs140524876	G	0.1363
rs13171100	A	0.0298
rs10074040	T	-0.0439
rs147544795	A	-0.2136
rs1549653	A	0.0293
rs75650444	A	-0.1318
rs72761638	C	0.081
rs6882133	A	-0.0372
rs114306395	C	0.1851
rs113182839	T	-0.1672
rs55952204	C	0.1895
rs10067413	C	-0.0976

rs986280	C	-0.0459
rs76360570	C	0.2112
rs150566949	C	-0.1276
rs12654617	C	0.0712
rs72782461	G	-0.0423
rs17733395	T	0.0652
rs77069707	C	0.0787
rs3111532	T	0.0273
rs34810711	G	-0.0562
rs114386433	A	-0.0745
rs292966	A	-0.0344
rs1846418	G	0.0337
rs79008776	T	0.1095
rs4976741	G	-0.0476
rs76344378	A	0.1088
rs261129	C	-0.0291
rs6886664	G	-0.0314
rs79638027	C	0.0606
rs2913750	T	0.0903
rs74577814	T	-0.0854
rs2404548	G	-0.1005
rs35559997	T	-0.0482
rs115950699	T	-0.1967
rs34610852	G	0.0366
rs148846311	T	0.1477
rs386476	T	0.0287
rs297846	A	-0.0425
rs73785915	A	-0.0696
rs74446910	T	0.0941
rs34019662	T	-0.0562
rs72740002	T	-0.1387
rs163953	A	-0.1077
rs7702810	C	0.0404
rs183869	T	0.0367
rs62357933	G	-0.0376
rs7734222	A	-0.0325
rs76589451	G	0.1013
rs75367588	G	-0.1259
rs1374028	G	0.0447
rs6594969	T	0.0311
rs367842	A	0.0321
rs115323833	T	-0.2361
rs7706066	T	-0.049
rs152564	A	-0.0624
rs17426775	A	0.077
rs75599243	A	0.1169
rs2649635	A	-0.0458

rs116447691	T	0.084
rs60089999	G	0.0281
rs899550	A	0.0895
rs36047096	C	0.1265
rs72643721	T	0.107
rs72813360	T	-0.0322
rs113174371	T	-0.1769
rs79511864	C	0.141
rs17287615	A	0.0306
rs75224406	A	-0.0936
rs62355578	T	-0.0478
rs71614077	T	0.079
rs113527345	A	0.0621
rs4975646	A	-0.0284
rs11742433	G	0.0605
rs13171910	G	0.0274
rs151284504	T	0.1404
rs114798976	G	-0.0967
rs270214	G	0.0591
rs13361759	G	0.031
rs78740109	G	-0.1737
rs145123698	G	-0.1487
rs10471440	A	-0.1519
rs16901200	A	0.0532
rs16889923	A	-0.0429
rs10074292	G	0.249
rs114430159	A	0.1052
rs77050045	A	0.04
rs74632339	G	0.1079
rs13181073	A	-0.0438
rs6889573	A	0.0291
rs56071134	C	0.0886
rs306104	T	0.0293
rs146304218	T	-0.1387
rs2961683	A	0.0325
rs7705194	T	0.0507
rs450821	C	-0.0306
rs113499246	T	0.1568
rs139458222	T	0.1431
rs67453023	G	-0.0439
rs115184022	G	-0.0754
rs17104497	T	-0.0745
rs17565369	C	0.0568
rs28472510	C	0.0366
rs2973821	C	-0.0414
rs72784324	C	0.0637
rs1110351	T	0.0277

rs75288567	A	-0.1312
rs39867	A	-0.0826
rs6601197	A	-0.0584
rs114863883	G	0.118
rs115117274	G	-0.1877
rs4921190	T	0.0718
rs9313810	C	-0.0358
rs56132368	T	0.1286
rs35658696	G	0.1207
rs17510007	C	0.0964
rs149484071	A	-0.1823
rs76174191	T	-0.1171
rs7732120	A	0.0321
rs114506423	G	-0.1727
rs75775315	A	0.0539
rs60673405	T	-0.0471
rs56202189	A	0.0671
rs251868	G	0.0309
rs17146651	G	-0.0946
rs62388572	A	0.1055
rs13187353	C	-0.0512
rs80330932	G	0.0623
rs77957449	C	-0.0803
rs17083126	G	0.1508
rs79583134	A	-0.0778
rs7713570	T	0.028
rs142169179	A	0.1912
rs76391114	T	-0.1603
rs10065018	A	0.0506
rs146594797	T	0.2027
rs1664600	G	0.0757
rs13167313	A	0.0704
rs2909813	G	-0.0802
rs7719358	A	-0.0295
rs12517311	C	0.0325
rs7447422	C	-0.1909
rs6884676	T	0.0375
rs2927413	T	0.0306
rs114465055	C	-0.1176
rs4704095	T	0.0286
rs10079250	C	-0.054
rs4703520	A	0.0271
rs146871589	A	-0.1185
rs700604	A	-0.0287
rs78817202	T	-0.1051
rs11134123	C	0.1047
rs1526888	G	0.0485

rs75157611	A	-0.0741
rs10900892	A	-0.0289
rs115712182	C	0.1462
rs10063923	T	-0.0293
rs1368430	A	0.0269
rs140354889	T	0.1042
rs4105718	A	0.0301
rs112234138	C	-0.1995
rs72758825	T	-0.1951
rs61539130	T	0.1175
rs148306845	T	-0.2095
rs2941664	T	-0.0266
rs142133903	G	0.113
rs16878153	T	-0.1034
rs116444257	G	0.1295
rs56268952	T	-0.106
rs13178893	G	0.1052
rs78777703	T	-0.0638
rs13181306	G	0.0381
rs78703938	T	-0.0867
rs77814845	T	0.0851
rs1862559	T	0.0273
rs72768121	G	-0.0967
rs79338527	A	0.1137
rs291856	G	0.0361
rs2053681	A	0.0289
rs80162459	T	0.1381
rs2448435	A	0.031
rs73344234	C	0.0985
rs4701478	T	0.0271
rs6866022	A	-0.0656
rs113866468	A	0.1134
rs144957580	A	0.0899
rs4267850	A	0.0267
rs117273720	G	0.1061
rs138734352	A	0.1453
rs7378861	G	-0.0616
rs116508359	T	0.1316
rs79938983	T	0.1906
rs114628423	G	-0.1253
rs1422934	C	0.0554
rs72754169	A	-0.1384
rs7448244	T	-0.0316
rs114142592	G	0.1915
rs805233	G	0.0553
rs35231852	C	-0.0339
rs78898468	T	0.0596

rs73763925	T	0.0952
rs1297835	C	0.028
rs115958955	T	0.2145
rs62364160	G	0.0404
rs72782749	T	0.0944
rs6881915	G	0.1117
rs141945625	T	0.1524
rs7707367	A	-0.0335
rs7700369	G	0.041
rs74295642	A	0.108
rs2471014	C	0.0347
rs62370004	A	0.121
rs74689374	C	0.2685
rs79102171	T	-0.1758
rs115156813	G	0.055
rs57171320	T	0.0744
rs62405490	C	0.0282
rs111901972	A	0.0405
rs76601456	T	0.1447
rs115610684	T	0.0954
rs2255915	T	0.0308
rs4869558	T	0.0307
rs151315299	G	0.1904
rs249117	T	0.0338
rs114236321	G	0.0324
rs78018439	T	0.1036
rs10070848	T	0.0876
rs78532245	T	-0.1321
rs35595324	T	0.0554
rs17181184	C	-0.0505
rs13176432	G	-0.0754
rs7708891	A	-0.0686
rs2628163	T	0.028
rs114171730	A	0.1143
rs112456505	A	0.081
rs10475171	A	0.0618
rs79838069	T	0.1209
rs4976254	T	0.0292
rs78855286	G	0.1381
rs58265751	T	0.0284
rs79050608	A	0.1273
rs34659052	C	-0.0365
rs72790069	C	-0.0831
rs2652723	A	0.0575
rs12523068	A	0.0546
rs34304	T	0.0278
rs115911152	G	-0.1738

rs116391698	T	-0.1053
rs354958	G	-0.0309
rs6879302	A	-0.0296
rs13180530	C	0.0299
rs72758408	G	0.1478
rs6884540	T	0.0623
rs76094274	G	-0.0712
rs116299554	T	0.084
rs2329670	G	0.034
rs17070550	C	-0.0584
rs2330882	T	0.0363
rs10056131	G	-0.0299
rs145363974	T	0.2647
rs137968990	A	-0.1823
rs114819739	C	0.1018
rs62349125	G	0.0458
rs143791573	A	0.0436
rs62362949	G	-0.0323
rs10062341	C	0.0328
rs2111008	C	-0.1404
rs150618962	G	-0.1066
rs152619	A	0.0298
rs145911067	T	0.2459
rs77910548	G	0.1072
rs148009407	A	-0.0944
rs62379376	T	0.0767
rs1469434	T	0.0469
rs13176438	T	0.0466
rs171095	A	0.0392
rs62355024	T	-0.0467
rs112499004	G	-0.0963
rs7714397	C	0.1027
rs259105	A	0.0284
rs116495524	T	0.1411
rs115635140	A	-0.0908
rs76295705	G	0.2142
rs7378720	G	-0.0282
rs61531962	A	0.1781
rs16878144	G	-0.0395
rs12522035	C	-0.0539
rs11949558	G	0.0403
rs353970	T	0.0813
rs62405739	G	0.0505
rs7726500	G	-0.0276
rs113335650	G	0.2101
rs2288442	T	0.0307
rs9324683	T	0.0407

rs112070692	A	0.0414
rs113351896	G	-0.1806
rs13154326	A	-0.0453
rs148736189	G	0.0997
rs62354639	C	-0.0769
rs147701368	G	0.2231
rs76383438	A	-0.1319
rs592418	C	0.038
rs1703043	C	-0.027
rs41438949	G	0.0643
rs62371616	T	-0.0844
rs55998640	A	-0.0881
rs34027546	T	0.0417
rs74834144	C	0.1563
rs6555230	G	-0.0456
rs114338272	G	-0.1574
rs12520729	C	0.0818
rs74774304	G	0.0697
rs113606115	G	-0.1812
rs13159871	G	0.0815
rs11134096	C	0.0376
rs35461047	A	-0.0631
rs7715634	T	0.0516
rs57100135	T	-0.0298
rs4091641	C	-0.0386
rs116229104	T	-0.0922
rs76869836	C	-0.0559
rs77482162	C	0.1145
rs62382034	T	-0.0558
rs62347664	A	-0.0845
rs151157	C	0.027
rs72773229	A	0.1199
rs14153	C	-0.0271
rs72749205	T	-0.0613
rs115851834	C	0.1716
rs7733030	C	-0.1097
rs12187218	A	0.1241
rs300226	C	0.214
rs72777622	G	0.0268
rs6885593	A	0.0271
rs148604983	A	-0.1768
rs2972844	G	-0.0271
rs142588045	A	0.1401
rs1048957	G	0.1455
rs115000305	G	-0.1136
rs2972342	T	-0.03
rs150775272	T	0.0366

rs256907	C	0.0336
rs10052847	C	0.027
rs585991	T	-0.0312
rs75532836	T	-0.1662
rs10057965	C	0.0301
rs10065075	A	0.0311
rs2280170	A	-0.1246
rs2306961	C	-0.0317
rs116207300	G	0.0601
rs149627990	A	-0.2385
rs147116058	C	-0.154
rs17142889	T	0.0376
rs147633951	T	0.1023
rs141823625	A	0.1581
rs2541313	A	-0.11
rs12659333	T	-0.0424
rs7719298	C	-0.0353
rs76908973	A	-0.0441
rs150409128	C	0.1332
rs6875921	G	-0.0309
rs56064611	T	0.0496
rs2278461	A	-0.0439
rs2548129	A	0.0275
rs79176365	T	0.0968
rs60758715	T	-0.029
rs151108949	G	-0.1745
rs139685918	T	-0.0891
rs11960832	T	-0.0347
rs854143	T	-0.0298
rs17208017	G	-0.0649
rs3734099	A	0.0429
rs57734928	A	0.1405
rs17410311	T	-0.1871
rs444610	A	0.0267
rs72776637	T	0.1216
rs6873535	T	0.0464
rs10475982	T	0.0439
rs2112362	A	-0.0354
rs3111115	C	-0.0537
rs4703252	T	-0.0462
rs112700520	A	-0.0613
rs141394251	C	0.0864
rs11135103	C	-0.0267
rs2330300	A	-0.0304
rs2964139	G	0.0352
rs112508177	T	0.1042
rs12187451	C	0.1206

rs1035859	A	0.0501
rs10036314	A	0.1013
rs75551978	T	0.0819
rs17608368	T	-0.1063
rs78882906	C	0.0499
rs77941183	C	0.0857
rs55727923	T	-0.0317
rs62371496	A	0.1593
rs76032705	C	-0.0922
rs10045682	G	-0.049
rs78735287	G	0.0327
rs143661356	T	0.0941
rs138373756	A	-0.1376
rs55972503	G	0.0372
rs6883334	G	-0.0281
rs7700948	T	-0.1016
rs6863009	G	0.0487
rs12516969	G	-0.0716
rs2434708	A	0.0263
rs150965377	C	-0.2108
rs7719954	C	-0.0302
rs116604184	T	-0.2169
rs77117323	T	-0.0715
rs78598485	T	0.0625
rs116413485	T	-0.1439
rs7445787	A	-0.0433
rs116457023	T	0.2553
rs3922193	T	-0.0359
rs2306521	C	-0.0991
rs58914297	A	-0.0357
rs79602604	C	0.1583
rs10079800	A	-0.0591
rs12186888	T	0.03
rs144143594	C	-0.1584
rs35265178	A	0.1219
rs34674518	G	-0.0497
rs2973361	A	-0.0264
rs75831637	A	0.0879
rs115919945	A	0.1966
rs7715469	G	0.0357
rs74775741	T	0.0599
rs72756203	G	-0.0481
rs114379134	T	0.1539
rs34317388	G	0.0568
rs26103	G	-0.048
rs76641739	C	-0.0696
rs4235619	C	0.0299

rs150852284	T	-0.228
rs80029268	A	-0.0399
rs1651265	A	-0.0323
rs77731531	G	-0.2202
rs11745887	G	-0.0395
rs78609389	T	-0.0451
rs74818661	C	-0.2219
rs73134569	G	-0.0467
rs72795945	T	0.0601
rs73280613	A	-0.0583
rs184652	G	-0.0299
rs888859	T	0.1862
rs75228384	A	0.1193
rs77260314	T	0.1059
rs16900399	A	-0.0399
rs12522627	G	-0.0341
rs17648121	T	0.1045
rs920387	C	0.0264
rs154576	G	0.0307
rs61047153	G	0.0628
rs986275	A	-0.0265
rs145669126	C	0.2133
rs79466072	C	0.1359
rs10475950	A	0.0284
rs148479670	G	0.1561
rs115960741	C	0.214
rs76571364	A	-0.0757
rs2034241	G	0.0325
rs153415	A	0.0348
rs113157826	A	-0.0994
rs1503317	T	-0.0308
rs41340145	G	0.1581
rs144375178	G	-0.095
rs76974769	C	-0.128
rs75237981	A	-0.1066
rs10213861	G	0.1048
rs17646591	G	0.1767
rs1974960	T	0.0761
rs149807841	A	0.1067
rs1024970	A	0.0448
rs72777511	T	0.1238
rs72814096	G	-0.059
rs186560	T	0.031
rs4352622	G	-0.0269
rs75426042	A	0.1521
rs7719439	C	0.035
rs722888	T	-0.0309

rs11737995	T	-0.0767
rs57948471	C	0.0698
rs76004297	C	0.0694
rs10512964	C	-0.096
rs13173199	T	-0.0264
rs4865881	C	0.0491
rs6883727	G	0.0305
rs1432929	C	-0.0412
rs140982215	G	-0.1585
rs12653711	A	0.0313
rs78313715	A	-0.1162
rs4705335	A	0.0398
rs116223898	G	0.1134
rs16895755	T	0.1642
rs12522563	A	-0.0333
rs1397576	A	0.0442
rs6896985	C	0.049
rs77587070	T	0.2018
rs149096812	C	-0.1113
rs34748226	A	-0.0381
rs72836279	C	0.2008
rs111759120	C	0.1748
rs55650598	C	0.0492
rs244987	G	0.0843
rs111274433	A	-0.0812
rs7701811	A	0.0271
rs6886800	T	-0.0301
rs114849902	G	-0.1638
rs7722182	T	0.0861
rs60706114	A	0.0992
rs10068864	C	0.0413
rs139801725	A	0.1658
rs7732431	C	-0.0309
rs13179097	T	0.0419
rs1432760	G	0.074
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rs72824811	A	0.084
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rs12659665	A	-0.0337
rs114456280	C	0.2199
rs296408	A	0.028
rs30949	A	0.0322
rs115494457	C	-0.0896
rs145646677	G	0.1188
rs3776656	G	0.0486
rs115457551	T	-0.2232
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rs6875109	A	-0.0504
rs78685648	T	-0.096
rs162085	A	0.0308
rs6878762	C	0.0417
rs13436383	G	-0.0277
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rs143524376	C	0.0978
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rs3846680	T	-0.0444
rs34887328	A	0.0762
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rs11951424	C	-0.0526
rs6556074	T	0.0385
rs7731387	A	0.0266
rs71636336	A	0.1267
rs2910167	T	0.0359
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rs429332	A	-0.032
rs115819690	A	0.1705
rs10514059	G	-0.0283
rs4865807	G	0.0336
rs115980932	T	-0.0639
rs139720866	T	-0.1925
rs151029544	G	0.1473
rs4866439	G	0.031
rs2561076	C	-0.0938
rs11746586	G	-0.0258
rs34133652	A	0.1338
rs1240647	C	-0.031
rs1617686	G	-0.033
rs17668664	A	0.0619
rs6861699	C	-0.0309
rs77633958	G	0.0845
rs67808740	A	0.0595
rs113089720	A	0.1369
rs10512952	C	0.1164
rs12521076	C	0.123
rs62364323	T	0.0727
rs4555831	T	-0.0285
rs491605	A	0.1666
rs72791030	T	0.0545
rs111985428	A	0.0835
rs12516993	G	0.0367
rs10213901	T	-0.0513
rs61748184	T	0.1179
rs17790357	T	-0.0327

rs34372226	G	0.0479
rs16868513	A	0.0985
rs62370320	T	0.1954
rs76843722	A	0.118
rs114715618	G	0.1322
rs17086521	C	-0.0831
rs2961986	A	0.0272
rs2937791	T	-0.0289
rs1875973	T	-0.0662
rs34084892	G	0.0388
rs13166018	G	-0.0529
rs62380354	C	-0.0836
rs114247209	A	-0.0827
rs112189743	A	0.1176
rs77904219	C	0.1232
rs113932812	C	0.1074
rs143254504	A	-0.0396
rs35998539	T	-0.1325
rs6861683	A	-0.0299
rs10515549	G	0.0263
rs77522543	T	0.181
rs73764222	A	0.0994
rs116130646	T	-0.1546
rs114927146	G	0.1381
rs75670174	A	0.0871
rs74470731	C	-0.0856
rs17058270	G	-0.0326
rs17745815	T	0.0436
rs80186049	C	-0.144
rs2966749	C	0.038
rs4836066	A	-0.0305
rs3010269	C	0.0295
rs308207	A	-0.0488
rs78874933	T	-0.0546
rs77286102	T	0.1207
rs2637146	A	0.0292
rs115923899	A	0.0904
rs112791587	T	0.071
rs77547872	T	0.2035
rs116011248	A	-0.135
rs78753141	T	0.2098
rs12519134	A	0.0309
rs294096	C	-0.0289
rs57109300	A	0.0397
rs157445	T	-0.0539
rs115283897	C	0.1985
rs815621	A	0.0326

rs10044947	C	0.0276
rs2021200	C	-0.0682
rs116337260	G	-0.1038
rs13169369	C	0.0337
rs10061434	T	0.0338
rs35370358	A	-0.0538
rs149779588	A	-0.1906
rs152957	A	0.0317
rs17164526	A	-0.0331
rs72816022	T	0.0766
rs151059630	G	0.1469
rs56884234	A	0.1405
rs11134151	A	-0.0269
rs539936	C	0.0881
rs116061799	G	0.0604
rs62366175	G	0.0307
rs72763785	T	0.1323
rs115441058	C	0.0944
rs2052486	C	-0.0264
rs28665017	A	-0.0671
rs72785901	T	-0.1002
rs6898342	G	-0.0401
rs78426297	A	-0.1144
rs112786913	G	-0.051
rs115382875	C	-0.0886
rs2402396	A	-0.0516
rs114620601	G	-0.1511
rs137964734	T	-0.0909
rs75858139	C	-0.1628
rs115284741	T	0.1316
rs9885085	T	-0.0867
rs12515770	T	-0.0487
rs73294123	G	0.124
rs7728620	T	0.1073
rs6885923	C	-0.03
rs639674	T	0.0308
rs116271865	A	-0.0654
rs4956936	C	-0.0306
rs1566161	T	-0.0277
rs138022180	A	-0.0938
rs115884241	A	0.1331
rs3909307	A	-0.0363
rs72805805	T	0.0782
rs11744120	C	-0.036
rs72792362	A	0.1246
rs75539681	A	-0.0784
rs13159980	A	0.0483

rs4348200	G	0.0324
rs115447505	C	-0.1887
rs62350664	C	-0.1125
rs256229	G	0.027
rs12522449	C	-0.0494
rs55999423	T	-0.0388
rs140845466	G	-0.2242
rs67502357	T	0.0565
rs6881369	T	0.073
rs40096	G	0.034
rs150729085	T	0.1494
rs2161387	A	0.0301
rs581957	C	0.0483
rs116022205	G	0.0731
rs7707060	C	0.028
rs78967214	C	0.0894
rs10455046	A	0.0836
rs62363197	A	-0.0544
rs138668071	A	0.136
rs293048	A	-0.0921
rs62377968	G	-0.1667
rs10474922	C	-0.0376
rs139377134	T	0.1853
rs150432147	A	0.2035
rs116155983	A	-0.0746
rs1873906	T	-0.0768
rs6885336	G	-0.0314
rs76058109	C	0.0989
rs71585694	A	-0.1043
rs114714290	G	0.0996
rs13156574	T	-0.0623
rs59798058	A	0.1326
rs114886029	T	0.1213
rs305768	T	0.0964
rs6896202	C	0.064
rs77785770	G	0.0697
rs1835979	T	0.0314
rs116466108	T	0.1358
rs56216223	T	0.0844
rs137951469	G	-0.1649
rs34362287	A	-0.0927
rs7737692	G	0.0277
rs696128	C	-0.0371
rs1566107	G	0.0383
rs346661	C	-0.0537
rs62360710	A	-0.0696
rs73814520	G	0.1398

rs403409	T	0.0318
rs55901262	C	0.0368
rs2159253	A	-0.0832
rs7448024	C	0.079
rs76919286	C	-0.0711
rs35428496	A	0.1294
rs115265814	T	0.184
rs4867851	T	-0.0294
rs76594676	T	0.0842
rs10073644	T	0.0283
rs35898644	G	-0.1344
rs113990285	T	-0.1049
rs11957299	A	-0.0386
rs351125	G	0.0329
rs13174219	G	0.027
rs10068263	T	0.0291
rs112446830	A	0.0662
rs11950701	C	0.0268
rs6879279	C	-0.039
rs10070901	T	0.0842
rs140386144	C	0.1365
rs115171575	G	-0.1878
rs576547	G	0.0461
rs79810893	G	0.1446
rs10057318	C	0.0398
rs55946428	G	-0.1632
rs6876763	G	-0.0286
rs34344458	A	0.0305
rs6877854	G	-0.1926
rs1010376	A	-0.0283
rs7714314	G	0.0503
rs2567590	A	0.1763
rs249240	T	0.0289
rs114807924	G	0.1383
rs192265	T	0.1192
rs77018382	A	-0.1433
rs155057	C	0.0266
rs112324292	G	-0.1127
rs10477190	T	0.0489
rs17632785	C	-0.0371
rs2036688	T	0.0885
rs138164917	G	0.0703
rs4549579	G	0.1201
rs72813239	T	-0.0912
rs16874267	C	0.0382
rs10462668	G	0.0306
rs74377146	A	0.0624

rs150725010	T	-0.1916
rs2591422	G	-0.0736
rs10061599	G	-0.0259
rs75843420	G	0.1254
rs35844012	T	0.0718
rs114409159	A	0.0947
rs12651882	C	0.0416
rs58347081	G	-0.0296
rs56200916	A	-0.0663
rs7720212	A	-0.0557
rs145653672	T	0.2629
rs150833394	T	0.0258
rs7446196	C	0.0381
rs13154291	C	-0.0772
rs62369350	G	-0.0431
rs6865160	G	-0.0325
rs113399235	A	0.1137
rs146566775	T	-0.0841
rs6594564	C	0.0353
rs79903251	A	-0.0547
rs13361325	T	-0.1447
rs11955225	C	0.0823
rs77590307	A	-0.1337
rs149212241	G	0.1045
rs75912034	G	0.0792
rs76785079	T	0.062
rs11134794	A	0.0261
rs1623885	T	0.0549
rs78882761	A	0.1864
rs39842	G	-0.028
rs73237209	C	0.0509
rs10063995	T	0.1116
rs75860704	G	0.0785
rs26771	C	-0.0267
rs7341066	T	-0.0551
rs10058969	T	0.0408
rs4703503	T	0.0316
rs6864119	C	0.1061
rs78788073	G	0.1308
rs2545022	A	0.0997
rs60153262	T	-0.075
rs72801500	T	0.0309
rs112483574	T	0.1007
rs10514065	T	-0.0286
rs62384759	A	0.0313
rs7711801	T	0.0253
rs62375109	C	0.0301

rs72807308	G	-0.0301
rs145315307	G	0.1385
rs144355005	A	0.0874
rs2291699	A	0.0254
rs1859894	T	0.0279
rs10065959	A	0.0252
rs6880191	T	0.0297
rs62380586	G	0.0653
rs337098	C	-0.0276
rs1345708	G	0.0291
rs11744528	C	-0.0312
rs2161431	T	0.0705
rs114319277	T	0.1578
rs72742287	A	0.0958
rs1288205	A	-0.0274
rs6859561	A	0.0478
rs4975526	A	-0.0506
rs79057073	G	-0.0738
rs150031336	C	-0.1252
rs112882370	G	0.1358
rs355417	T	-0.0264
rs74532993	A	0.1463
rs62361355	G	-0.0447
rs2124950	C	-0.0264
rs73754329	A	-0.1518
rs141636679	A	-0.1784
rs114464189	G	0.1345
rs77595592	G	0.0381
rs35330811	G	-0.0377
rs17052462	A	-0.0447
rs13541	A	-0.027
rs75104962	A	0.1263
rs114025493	A	-0.0503
rs6874756	G	0.0373
rs79348094	G	0.1505
rs17344021	G	0.1184
rs144584219	A	0.0831
rs6879924	G	0.0453
rs72741755	G	-0.1226
rs112628364	T	-0.0612
rs56262220	A	0.0397
rs77780035	T	-0.1698
rs67514550	T	-0.1016
rs116514813	C	0.1452
rs150685334	G	0.0949
rs140410449	C	0.1439
rs11960798	G	-0.0289

rs111951863	G	0.0978
rs12697291	A	0.0272
rs3776403	T	0.1057
rs112813906	T	-0.1317
rs2012870	A	-0.0289
rs114920225	T	-0.1241
rs7444781	C	-0.0399
rs116564886	A	0.1353
rs9329142	A	0.0997
rs6879843	A	0.0557
rs17055363	G	-0.0487
rs2594867	A	-0.0252
rs115260667	A	0.0871
rs2216548	C	-0.03
rs9293310	C	-0.0499
rs78753966	C	-0.0847
rs72793849	G	0.098
rs77073849	T	0.1092
rs143427361	C	0.0696
rs116745220	G	0.1086
rs139588030	G	0.1529
rs9784596	C	0.0363
rs10075422	G	0.0865
rs114447896	A	-0.0945
rs11742884	C	-0.0329
rs113512645	T	-0.1621
rs34732059	A	-0.0718
rs7732249	C	0.0428
rs10063542	A	0.1445
rs76637006	A	0.0764
rs7736056	T	0.0627
rs10035273	T	-0.0527
rs2166013	A	-0.0342
rs6894854	C	0.0872
rs115293400	T	-0.0809
rs140530048	T	0.0688
rs62361912	C	-0.1947
rs113349612	A	0.0491
rs72770398	T	-0.1147
rs6875385	T	0.0265
rs10041862	C	-0.2037
rs12513514	T	-0.0388
rs9313201	C	0.0361
rs10077851	T	-0.032
rs1864945	C	0.0275
rs79335189	A	-0.07
rs6451147	C	0.034

rs1429864	G	0.0898
rs143202155	G	-0.0669
rs2561053	T	0.0295
rs10940540	T	0.0339
rs1479561	A	0.0361
rs2170015	G	0.0435
rs114225939	A	0.1186
rs146801240	A	-0.1685
rs13184127	A	-0.039
rs11950891	G	0.0258
rs78138958	T	0.1225
rs114802370	G	-0.1215
rs7720815	C	0.0271
rs2968192	A	0.0254
rs62405406	C	-0.1274
rs115862443	G	0.1314
rs11958865	G	-0.1
rs155354	A	0.0435
rs2968099	G	-0.0323
rs74387696	G	-0.182
rs16883672	T	-0.14
rs79709878	T	0.0704
rs11748332	T	0.1794
rs3097813	G	0.0302
rs1405708	T	-0.029
rs889189	T	0.0292
rs56128939	T	-0.0739
rs6556367	C	0.1109
rs35288236	T	-0.0412
rs2348192	A	0.0261
rs75502158	G	-0.1039
rs7706334	G	-0.0316
rs115766828	T	0.0961
rs10042345	T	-0.0304
rs1387767	C	-0.0265
rs1027742	G	0.0292
rs4958571	T	0.0271
rs2879468	T	-0.0689
rs17776108	A	0.1352
rs11745136	A	-0.0601
rs79258190	T	0.1672
rs17285400	G	-0.0413
rs34385285	T	0.0448
rs2910230	G	0.1567
rs171862	A	-0.0288
rs1553242	G	-0.0259
rs75313346	G	0.1469

rs151015315	T	-0.1008
rs59442697	C	0.0834
rs72743912	A	-0.1253
rs251395	G	0.0776
rs257241	C	-0.0441
rs7445392	C	-0.0248
rs13173035	G	-0.0262
rs12513779	T	-0.1796
rs10075937	T	-0.0761
rs7730438	G	0.0906
rs141086050	A	-0.2025
rs10223129	G	0.0256
rs6874651	G	0.0349
rs6892616	C	0.0263
rs113287932	T	0.066
rs2967110	C	-0.0271
rs144453541	C	-0.1685
rs79277737	T	-0.0933
rs1423515	A	0.0593
rs73194851	C	-0.029
rs10068405	T	-0.0319
rs1002844	C	0.04
rs150928567	G	-0.1373
rs1673952	A	0.0316
rs2973820	A	-0.0311
rs114704427	T	0.0781
rs114875812	G	-0.1862
rs113270064	G	0.0921
rs35082346	G	0.088
rs11242335	A	-0.0278
rs139855537	C	0.1592
rs72808193	G	0.0984
rs114048281	T	0.0977
rs17804757	T	-0.0505
rs4428446	A	0.0255
rs146138537	T	-0.089
rs2675982	T	0.0574
rs76469823	G	0.1918
rs7715533	A	-0.0397
rs852566	A	-0.0255
rs2973099	T	0.0331
rs76824400	T	-0.1286
rs74989199	A	-0.0957
rs115737163	C	0.1425
rs74641893	G	-0.0623
rs297854	T	0.0255
rs77637357	T	0.0539

rs11741988	G	-0.0654
rs10471727	G	-0.0308
rs11954776	G	0.0275
rs11167737	C	-0.0311
rs13188498	T	-0.0253
rs71595003	A	0.1545
rs76273978	T	-0.0816
rs13164751	G	-0.0307
rs72755826	G	-0.0486
rs116075160	G	-0.1094
rs2042335	T	-0.0296
rs56259598	G	0.0664
rs6890438	A	-0.0599
rs6884240	T	0.0389
rs79131400	C	-0.0487
rs10515407	G	0.0586
rs139437169	T	0.0979
rs79526694	T	0.0306
rs13181775	A	0.2106
rs13187414	G	-0.0335
rs140585075	C	-0.1327
rs79588994	T	-0.055
rs12516338	G	0.0911
rs115709601	T	0.1881
rs10040908	C	0.1779
rs114595940	T	0.097
rs34460247	T	0.0932
rs13167468	C	0.0453
rs16876357	T	0.0618
rs36098405	C	-0.0443
rs9293560	G	0.0259
rs2194074	A	-0.0696
rs76713008	A	-0.1691
rs75037374	A	0.051
rs112497611	A	-0.1025
rs17144869	C	0.0338
rs116503229	G	-0.0839
rs72745658	T	-0.0569
rs146465945	T	0.1793
rs58068115	C	0.084
rs4699954	A	0.0348
rs76606335	G	-0.0393
rs114921404	C	0.1549
rs4895273	C	0.036
rs4868876	G	-0.0328
rs2387207	T	-0.0339
rs2617582	T	-0.0301

rs72715004	A	0.0586
rs1423142	T	0.0939
rs145160188	G	0.1145
rs72810829	G	-0.1398
rs6859287	C	0.0311
rs60767224	A	0.0658
rs75155390	C	-0.1672
rs28630025	A	0.031
rs73311010	G	-0.0616
rs2961725	G	0.0253
rs35601112	C	0.0576
rs143573650	A	0.0984
rs114273359	T	0.0604
rs147706416	T	0.1114
rs58618024	C	-0.0644
rs56216143	A	-0.1352
rs114507742	T	-0.1124
rs6879208	A	-0.0425
rs792985	T	-0.0765
rs10058518	A	0.0659
rs4398615	C	0.1628
rs11953890	G	0.0889
rs147209075	C	0.1188
rs12109059	T	-0.0707
rs35419082	A	-0.0287
rs144779135	T	-0.1654
rs3909338	G	-0.0271
rs2101146	A	0.0476
rs248604	G	0.0495
rs286607	C	0.0253
rs148460314	G	-0.0669
rs7733121	C	-0.0249
rs13161474	C	-0.0904
rs74429045	C	-0.0723
rs6862843	C	-0.0256
rs6555806	G	0.0576
rs2936946	T	0.0253
rs62394876	T	-0.1126
rs114081574	T	-0.1345
rs12657779	G	0.025
rs113553649	T	0.1055
rs112084706	T	-0.1088
rs112319712	C	-0.0632
rs1264053	G	0.0588
rs115352742	T	0.1123
rs62390635	G	-0.0625
rs143759103	T	0.1566

rs76384963	A	-0.0681
rs114657832	A	0.0866
rs72820665	G	-0.031
rs41329347	T	-0.1456
rs379672	C	0.0278
rs1867664	A	-0.1695
rs13357799	T	-0.1693
rs76281164	A	0.0858
rs4702635	A	-0.1436
rs114252559	G	-0.0861
rs11957820	T	0.0576
rs11950688	T	-0.0306
rs114966235	C	0.0684
rs116458312	T	0.1011
rs11954799	C	-0.0439
rs1896702	T	-0.0336
rs10942300	C	0.0365
rs1109524	G	-0.0323
rs62378797	T	-0.113
rs55760233	A	0.1336
rs59777533	T	0.0607
rs116480816	G	0.0324
rs28550282	G	0.0318
rs835156	A	0.0263
rs656376	C	0.0322
rs9329079	G	0.0336
rs256471	A	0.0452
rs144194390	A	-0.102
rs4976131	T	-0.0372
rs113505109	A	-0.1067
rs75744593	G	0.0775
rs116758536	C	-0.1141
rs75587759	C	0.0875
rs59274432	C	0.0926
rs140015203	T	-0.1644
rs78385878	G	0.0987
rs2591765	A	0.146
rs10463338	T	-0.1322
rs347989	T	-0.027
rs114579496	T	0.1285
rs1423434	A	-0.0422
rs318069	A	0.0427
rs72797568	T	0.1232
rs10058383	T	0.0447
rs17207212	T	0.0375
rs13184739	A	0.0396
rs13157053	G	0.0264

rs1992368	A	-0.0445
rs79037971	T	0.1315
rs115067032	G	-0.0969
rs1363845	G	0.1302
rs112141918	C	0.1253
rs13188370	A	-0.081
rs112683740	C	0.123
rs17526497	G	-0.0662
rs111936482	G	0.0378
rs34676505	T	-0.2203
rs987369	A	-0.0348
rs114708803	C	0.0866
rs6859250	G	0.1266
rs17710780	C	-0.0393
rs300230	C	0.0382
rs115957678	T	0.1077
rs112074553	T	-0.0753
rs74749534	G	-0.0537
rs72737327	C	-0.1962
rs7713291	G	0.0518
rs77680401	C	0.0658
rs73139504	A	0.2088
rs149163147	G	0.1667
rs1864950	C	0.0982
rs152425	C	0.1397
rs2447874	T	0.029
rs56066233	C	-0.1104
rs35712831	A	-0.081
rs1353065	G	-0.0578
rs149340188	G	-0.1149
rs55700282	T	0.0388
rs116235218	T	-0.1047
rs115599776	A	0.1591
rs72797136	A	0.0716
rs75808885	A	-0.0794
rs74990010	T	0.1022
rs79721045	G	0.0928
rs252926	T	0.0403
rs2455232	A	0.0253
rs116701222	A	0.1272
rs6862415	G	0.0468
rs73315808	T	-0.0521
rs2318852	A	0.1244
rs111302085	A	-0.187
rs62378717	A	0.1047
rs35283341	A	-0.052
rs356076	T	-0.0389

rs116723832	G	0.1221
rs72773344	C	0.1147
rs17592741	G	-0.058
rs144948689	C	0.2043
rs114763189	C	-0.077
rs62350177	G	0.1504
rs112073130	G	0.1709
rs7719370	T	0.0376
rs71639273	A	-0.0973
rs4129567	A	0.0646
rs28706600	A	0.0479
rs62384105	C	0.0996
rs41275291	T	-0.1275
rs17788804	G	-0.0618
rs9283770	T	-0.0371
rs10050400	C	0.0928
rs78475341	T	-0.137
rs144779711	T	0.1788
rs144662538	C	-0.0964
rs114476672	T	-0.1409
rs10057180	G	0.0249
rs62394277	A	0.0537
rs115658859	G	0.1987
rs10077187	T	0.0287
rs9313851	C	0.0816
rs78891732	G	0.1758
rs75949957	A	0.0606
rs73387348	G	0.1234
rs11956010	A	-0.0337
rs10052829	G	-0.0273
rs77505956	A	0.1368
rs12517737	G	-0.0444
rs62366562	A	0.0301
rs2973501	A	-0.0283
rs6888955	C	-0.0275
rs72741351	C	0.1917
rs114701353	T	-0.0567
rs11740253	T	0.0254
rs116372658	C	-0.1892
rs2431701	G	0.0278
rs62393912	T	-0.1762
rs7701523	G	0.1002
rs1345724	G	0.0348
rs76721662	G	-0.1102
rs77369378	G	-0.1269
rs1025003	A	-0.0281
rs751937	C	-0.0324

rs6453374	A	-0.0268
rs28521144	T	0.0253
rs71587585	G	-0.0667
rs62379961	G	0.1073
rs901498	G	-0.0416
rs10079562	G	-0.0258
rs10077722	A	-0.0254
rs146816907	A	0.1855
rs647031	T	0.0476
rs79157268	G	-0.0845
rs114064162	A	0.1233
rs74803156	A	0.0651
rs79591093	T	0.1463
rs34082374	G	0.0994
rs13161823	T	-0.031
rs620327	G	0.0285
rs4975713	A	-0.0378
rs2141154	C	0.0397
rs13157390	G	0.0812
rs7736530	T	-0.0319
rs7700397	T	-0.0253
rs17446600	T	-0.0578
rs76430831	A	-0.0901
rs6864284	G	0.1114
rs16878811	A	0.0318
rs10472795	A	0.0286
rs115106504	T	-0.1389
rs13189951	A	-0.033
rs6879745	T	0.0728
rs2047311	C	0.0355
rs113971212	C	0.1135
rs77021388	T	0.1272
rs16886149	A	0.1233
rs35842568	C	0.0479
rs77963149	C	0.0666
rs17784968	G	0.0589
rs7729152	T	-0.0714
rs11466767	C	0.0987
rs6895199	A	0.0295
rs62385782	T	-0.0292
rs79269872	A	0.121
rs115033640	T	0.1932
rs112057946	A	-0.0767
rs12655266	A	0.0483
rs7724797	A	-0.0259
rs149554983	T	0.0315
rs114270617	T	-0.0535

rs1981851	T	-0.0264
rs11745151	C	0.031
rs555016	G	-0.0261
rs80271107	A	-0.0839
rs11135063	T	-0.0263
rs10078309	C	-0.0725
rs4627945	A	0.0334
rs62357426	G	-0.1334
rs114609964	T	0.1154
rs2042345	A	-0.0515
rs13164947	C	0.0277
rs77771305	T	0.0391
rs13357800	C	-0.0252
rs40275	T	0.0255
rs75571022	G	-0.1145
rs6888261	G	0.1961
rs152582	C	0.0291
rs17449298	T	0.0626
rs116544800	T	0.1849
rs56376012	A	0.0356
rs148781670	T	-0.1401
rs17707681	A	0.0569
rs6871436	T	0.0975
rs149015662	A	-0.2405
rs16901136	A	0.0526
rs3096143	T	0.0516
rs2963695	T	0.0388
rs4869077	A	-0.0477
rs11134628	A	-0.029
rs12517206	A	-0.0734
rs61417301	A	0.1387
rs13189716	A	0.0798
rs115388252	T	-0.1304
rs2974497	G	-0.026
rs11133597	C	-0.0517
rs72740866	A	0.0798
rs114519311	G	-0.1596
rs116300509	A	0.1293
rs28360118	T	0.0919
rs4489106	C	0.0546
rs145163379	C	0.1534
rs7718632	T	-0.0745
rs12188924	A	-0.2024
rs249916	G	0.0244
rs72842823	T	-0.0864
rs40566	G	-0.0316
rs72779435	G	0.0617

rs465527	A	-0.0339
rs10054549	C	0.063
rs2173696	A	0.0254
rs6886546	G	-0.1438
rs114895936	A	-0.0964
rs13182425	C	-0.1368
rs2607378	T	0.0695
rs143955911	G	0.051
rs13158382	T	0.0974
rs26002	A	0.027
rs56027506	T	-0.1699
rs115978458	T	-0.1307
rs13173866	T	0.0873
rs11465452	G	-0.1203
rs144291753	T	-0.1538
rs76215216	A	0.072
rs34847978	A	-0.0656
rs72798639	T	-0.0766
rs11738423	G	-0.0251
rs4349725	G	-0.0959
rs13189364	A	0.0611
rs148150424	A	-0.1144
rs113149525	G	0.1005
rs17288874	T	0.0963
rs146459234	T	-0.0475
rs17053595	A	-0.0501
rs2964118	A	-0.0873
rs2062334	A	-0.0256
rs72740558	T	0.0358
rs6895055	A	0.0355
rs17549485	T	0.0845
rs1479624	A	-0.1058
rs112747910	C	-0.1294
rs4957043	A	-0.0429
rs75974893	C	0.0857
rs137931970	A	0.0528
rs80007114	G	0.088
rs55977949	A	-0.0412
rs78269862	G	0.0564
rs142036710	A	-0.1402
rs6870461	T	-0.0385
rs2125793	T	0.0265
rs10043230	C	0.0703
rs62381421	A	0.0436
rs142052557	T	0.1477
rs115723717	A	-0.0998
rs72776515	G	-0.1447

rs4916704	T	0.0464
rs10516146	A	0.0241
rs2967946	A	-0.0273
rs147165000	T	-0.132
rs62363771	G	-0.055
rs17207191	C	0.1832
rs113365723	A	0.1095
rs28368377	A	0.1321
rs144337820	T	0.189
rs72798216	T	0.0368
rs4457100	G	0.0299
rs1691053	C	0.0433
rs79720487	T	0.0643
rs13356491	C	-0.0351
rs11742455	T	0.097
rs58633209	T	-0.0878
rs76328823	C	-0.1836
rs140675993	G	0.1607
rs78751425	A	0.0757
rs11742631	A	-0.0516
rs4957611	A	0.0292
rs4975630	A	0.0593
rs34096138	A	-0.0288
rs114123132	G	0.1252
rs524700	A	0.0979
rs34025335	T	-0.0367
rs72753384	T	-0.1061
rs13181560	T	-0.0294
rs35052284	G	-0.0392
rs13188682	T	0.0362
rs34710578	T	-0.1408
rs36297	G	0.0361
rs59422766	T	-0.0448
rs646289	A	-0.0254
rs2548052	G	0.1362
rs10515749	A	-0.0314
rs17065067	C	-0.0592
rs9293293	T	-0.0251
rs61294948	A	0.0463
rs35570556	T	0.0427
rs2408428	C	0.0374
rs969706	C	0.095
rs76331179	G	0.0719
rs142875236	C	-0.181
rs10075136	C	-0.2091
rs6860662	C	-0.0725
rs9763994	T	0.0298

rs115452320	A	0.1152
rs7730987	A	0.0627
rs13171792	C	0.0258
rs13154384	G	0.0329
rs17153978	G	-0.0421
rs58514953	T	0.045
rs1073677	C	0.0869
rs13358386	A	0.0904
rs4866385	A	-0.0288
rs408417	A	-0.0257
rs10066818	T	0.0539
rs11167672	T	-0.0273
rs60572841	G	0.045
rs11746153	C	0.0333
rs7448245	T	0.0335
rs7719165	G	-0.0265
rs153446	A	-0.025
rs6872387	A	-0.0306
rs72742752	G	0.0936
rs116802168	T	-0.0604
rs115032522	C	0.1235
rs111900535	C	0.1276
rs72789171	A	0.0881
rs10942124	T	-0.026
rs10520933	T	0.0305
rs35936	G	-0.0672
rs147999261	A	0.1124
rs74656149	T	-0.1691
rs10519702	G	0.0338
rs75316240	G	-0.054
rs6898357	A	-0.0282
rs4569891	G	-0.0248
rs4354016	G	0.0333
rs58262192	C	0.0834
rs72763722	G	0.1791
rs114846407	C	0.0892
rs1872004	C	0.0334
rs72757294	A	0.0292
rs4703321	C	0.045
rs114838933	A	-0.126
rs17550586	G	0.0371
rs10476070	T	-0.0345
rs115505153	C	0.1429
rs144411237	C	0.1261
rs142593964	A	-0.1066
rs115491411	G	0.0923
rs112881034	T	-0.0697

rs142685487	T	0.1299
rs117110053	T	-0.1796
rs76066200	C	0.0367
rs2897243	A	-0.0252
rs4444959	T	0.0319
rs145181412	G	0.1318
rs4701904	T	-0.1029
rs143033950	T	0.1027
rs35694431	A	-0.0659
rs114219890	A	0.0653
rs2860381	A	-0.031
rs114913608	T	-0.1618
rs116407479	T	0.0774
rs10941089	A	-0.0252
rs78691996	G	-0.2268
rs77892425	G	0.1206
rs66972346	G	0.0293
rs28710811	A	0.0454
rs17448714	T	-0.1416
rs173564	T	-0.0269
rs75415424	C	0.1239
rs10473715	G	-0.1093
rs4466201	G	-0.0282
rs149487690	A	0.1154
rs77888214	T	0.0511
rs115847844	G	0.1425
rs55802894	C	0.0416
rs115135582	A	0.1052
rs104895045	T	-0.0941
rs79048561	C	-0.2044
rs76334393	C	0.0929
rs422224	C	-0.0352
rs62361443	A	0.0352
rs72773348	C	0.0538
rs7705057	A	0.0904
rs7727718	C	0.0416
rs11740226	T	0.0248
rs218052	C	0.0653
rs255031	A	-0.0304
rs62362296	A	0.1013
rs80116523	C	0.1255
rs6882704	A	0.0305
rs11948601	C	-0.0316
rs76520379	T	0.1134
rs17797412	G	0.0252
rs116202338	A	-0.1869
rs62384805	C	0.0274

rs114645617	A	0.0863
rs2232193	C	0.0434
rs10471394	A	0.0534
rs111718461	A	0.0879
rs62378492	C	0.0805
rs149631237	G	0.2005
rs75586238	A	0.1123
rs79764706	T	0.1191
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rs114627769	G	0.1108
rs12187144	T	-0.0473
rs11959635	A	-0.0392
rs451157	G	-0.0277
rs113441086	A	0.0773
rs113563943	C	-0.1549
rs41268429	G	0.1491
rs13361457	T	0.0281
rs7446650	G	0.0322
rs28698773	C	-0.0493
rs347639	T	-0.0287
rs116118350	T	-0.2192
rs113769728	A	-0.0813
rs4975547	A	0.0365
rs4702048	A	-0.0556
rs77345737	A	0.0846
rs149599940	G	-0.084
rs17258120	T	-0.0382
rs73094799	G	0.0602
rs12514193	C	0.0351
rs60681548	G	0.0389
rs2924606	T	-0.0277
rs12516593	A	-0.0323
rs79474702	T	-0.1765
rs3797225	T	-0.0749
rs146302107	T	0.0656
rs6874639	G	-0.0304
rs115305990	G	-0.129
rs12518674	A	0.0475
rs7715938	G	0.0257
rs77666057	G	0.1008
rs163818	C	-0.0277
rs387308	T	-0.0242
rs147129706	C	0.1097
rs72771167	T	-0.1158
rs12517782	T	0.0264
rs71605759	T	-0.0634
rs141322430	T	-0.2112

rs1104987	G	-0.0352
rs16894475	C	0.0381
rs41315904	C	0.0912
rs78734286	C	-0.04
rs72791265	A	-0.0678
rs7736811	T	0.0331
rs1593082	A	0.0375
rs77157918	T	0.1163
rs112244286	T	-0.1573
rs1990941	C	0.0257
rs72834090	T	0.0835
rs142191948	A	-0.0283
rs17363592	T	-0.0777
rs74349916	T	-0.0477
rs6891840	T	-0.0239
rs78361367	A	0.0765
rs116198989	T	-0.135
rs17541471	C	0.0306
rs4700303	T	-0.0304
rs145591474	T	-0.1709
rs641101	A	0.0268
rs149271475	A	-0.1916
rs72788055	A	-0.1329
rs6897549	C	-0.0262
rs77972025	C	-0.1834
rs13184961	G	-0.1028
rs3756644	C	-0.0496
rs1689718	G	0.0263
rs114270473	T	0.0959
rs62370525	A	-0.0484
rs7712663	T	0.0809
rs4397137	C	0.0437
rs116329305	A	0.1614
rs12188608	A	-0.0439
rs10942919	C	-0.0331
rs1600144	A	0.1251
rs7729024	T	-0.0272
rs10941891	G	-0.0386
rs35131409	G	0.0745
rs12655444	T	-0.1024
rs143295879	G	-0.1455
rs112629380	C	0.1629
rs138592326	G	-0.1622
rs10074790	G	-0.1181
rs7711139	A	-0.0394
rs115282530	G	-0.1536
rs147334094	G	0.1677

rs113795423	T	0.0344
rs2936922	G	-0.0461
rs12187126	C	-0.0336
rs115132741	C	0.1192
rs146130346	C	-0.1048
rs3852193	A	0.03
rs78019335	A	0.0871
rs75457358	T	0.1423
rs2607391	C	-0.0391
rs140769475	T	0.1135
rs335484	G	0.0344
rs11134161	G	0.041
rs1396471	G	0.0241
rs2036347	A	-0.0282
rs6232	C	0.0577
rs555989	A	0.0275
rs62384409	T	0.0898
rs6870394	T	0.0283
rs139987351	C	-0.0377
rs76512048	C	-0.1079
rs1021416	C	-0.0273
rs13356785	G	0.0297
rs72736722	A	-0.0931
rs73762723	C	-0.1187
rs72731439	T	0.1345
rs116750170	A	-0.0874
rs150402777	A	0.1282
rs2961897	G	0.0821
rs77862526	C	0.1493
rs76337875	A	-0.0527
rs27109	T	0.0298
rs173468	T	-0.1611
rs114608531	A	-0.0986
rs10472800	C	0.0541
rs4337870	A	0.0293
rs17084072	G	0.0654
rs62380327	T	0.0436
rs143533214	T	-0.0962
rs4705096	A	-0.0655
rs79687941	T	0.1763
rs147692080	G	0.1891
rs12109265	G	-0.03
rs62381983	A	0.062
rs56407265	A	0.0612
rs1318458	T	0.0256
rs76059604	C	0.0563
rs67642756	T	0.0244

rs75570428	A	-0.1064
rs62381757	T	0.0835
rs72809031	C	0.1818
rs339417	T	-0.0661
rs16893874	A	-0.1492
rs76566646	A	-0.0718
rs148498614	G	-0.1528
rs77888311	G	-0.1239
rs59564280	A	0.0819
rs79683734	A	0.0534
rs145348362	A	-0.1741
rs72762921	A	0.0516
rs9293347	A	0.0343
rs143615560	T	-0.0622
rs57449604	A	0.0512
rs12652313	A	0.0962
rs78271253	A	0.0581
rs7729995	G	0.0264
rs144745055	C	0.1636
rs76543967	G	-0.0915
rs11744288	T	0.1134
rs1432865	A	-0.0241
rs1438675	C	-0.0283
rs13166306	G	0.0305
rs147234003	T	0.1976
rs112424890	T	-0.0344
rs113380534	G	-0.1117
rs26621	C	-0.0271
rs10491456	A	-0.0283
rs113187154	G	-0.0608
rs116250377	T	-0.0923
rs151027839	C	-0.1405
rs75406603	C	0.106
rs13188890	T	0.0563
rs77221424	T	0.1161
rs115271382	G	0.1439
rs2910124	T	0.0416
rs6885424	C	-0.2335
rs141625356	T	-0.1041
rs9112	A	-0.0251
rs16891079	C	-0.1223
rs75903831	T	-0.1354
rs7731846	C	-0.1222
rs114394074	T	-0.0788
rs62379337	T	0.1025
rs77978806	C	0.0561
rs72825420	G	0.0807

rs146989490	G	0.1104
rs145910067	A	0.1063
rs683004	T	0.0259
rs224810	T	-0.0884
rs79914222	A	0.0487
rs74663524	G	-0.1543
rs73254441	A	0.061
rs17599129	T	-0.1006
rs258756	T	0.0245
rs4835906	G	0.1988
rs115665303	C	0.1284
rs115831302	C	0.1413
rs35804713	A	-0.0447
rs34135303	T	0.0659
rs16893020	G	0.0399
rs17516937	T	-0.2096
rs116246032	C	-0.0658
rs13362566	G	0.1018
rs12055013	A	-0.1083
rs60868839	C	0.0258
rs13436118	A	-0.0656
rs79932861	A	0.2159
rs78280656	T	0.039
rs11167767	C	-0.025
rs73807874	T	0.0677
rs16870629	T	0.0267
rs35710224	C	0.0244
rs13178345	A	0.0246
rs150064799	T	-0.1454
rs6898698	A	-0.0931
rs72776535	A	-0.1305
rs115278176	A	-0.1202
rs9687184	G	-0.0317
rs112054130	T	0.0808
rs10068683	T	-0.0738
rs6453185	T	0.0278
rs80120717	A	-0.1725
rs145489210	C	0.0952
rs72797317	T	-0.0726
rs17415614	G	0.035
rs10068322	T	-0.0516
rs6882673	T	-0.059
rs12516742	T	0.0417
rs115791932	G	0.0998
rs7732384	C	0.0354
rs79836083	T	-0.0812
rs116692686	A	-0.0895

rs72749783	G	0.0972
rs10054115	C	-0.0343
rs77088572	G	-0.098
rs1153432	C	-0.0305
rs13178787	A	0.0301
rs78374861	T	0.1242
rs112955479	A	0.1058
rs7717590	C	0.0253
rs4362966	A	0.0247
rs59728202	A	-0.062
rs32550	G	-0.027
rs1503510	T	-0.0254
rs115394991	G	0.1137
rs12187431	T	-0.0292
rs3097798	A	-0.0379
rs142623759	T	-0.1003
rs59353105	C	0.0691
rs77650498	A	0.0452
rs6884838	T	0.0466
rs34404560	C	-0.0502
rs6449985	C	-0.047
rs7720303	T	0.0484
rs12657145	T	0.0492
rs113304944	C	-0.0723
rs17231839	A	0.0589
rs10454915	G	0.1531
rs67124431	C	-0.0355
rs469942	T	0.0279
rs113341439	A	-0.0399
rs1302779	G	0.0401
rs4866773	C	0.0341
rs730907	A	0.0257
rs765503	T	-0.0616
rs72749680	C	-0.0774
rs72781123	A	-0.2121
rs74739622	A	-0.0753
rs79099809	A	-0.121
rs3010251	T	0.0305
rs74824388	G	0.1285
rs74596086	T	-0.0735
rs114456509	G	0.1455
rs116712847	A	-0.125
rs114212497	G	0.0921
rs16879259	C	0.0777
rs76270904	C	0.0548
rs4836117	G	0.0314
rs11960397	T	0.0852

rs115508732	T	0.1137
rs12153391	A	0.0332
rs79329941	C	-0.0972
rs7736168	A	-0.0386
rs17117926	C	-0.0534
rs115365741	C	0.1041
rs79813906	C	-0.087
rs147665979	G	0.1605
rs12522968	A	0.1034
rs10054312	C	-0.0258
rs2967810	A	0.0405
rs3815774	G	-0.0434
rs115164815	T	-0.1342
rs4310017	A	0.0269
rs115820067	A	0.0965
rs11743273	T	0.0596
rs80208771	C	0.1126
rs72779337	C	-0.1553
rs74818437	A	-0.0613
rs72783100	C	0.0503
rs78726748	G	-0.0574
rs1449273	A	0.0753
rs1019762	C	0.0356
rs115630272	G	-0.0684
rs115351269	A	0.15
rs149459935	C	-0.0948
rs182888	C	0.0267
rs2562350	T	0.0245
rs2933639	T	-0.0248
rs31034	G	-0.0338
rs1347135	G	0.0264
rs115768951	G	-0.2078
rs849730	A	-0.0262
rs11953682	G	0.0716
rs74531107	A	-0.0696
rs4132261	A	-0.0269
rs79857698	T	0.0344
rs10476108	T	-0.0318
rs11738002	T	0.0264
rs113534766	C	0.192
rs71581238	G	-0.1172
rs7727131	C	-0.0479
rs73298707	G	0.1142
rs4867726	T	-0.0278
rs78712731	G	0.1071
rs76319586	A	0.052
rs4587034	G	0.0281

rs67981551	C	-0.0273
rs148106764	C	0.1355
rs185217	C	-0.0315
rs62360442	C	0.0799
rs72797108	C	-0.0895
rs74770571	A	-0.1468
rs17287627	C	-0.0294
rs55930725	T	-0.1088
rs729823	A	-0.0295
rs905843	A	-0.0399
rs75053571	C	-0.027
rs2215252	T	0.0346
rs146065830	G	-0.111
rs76375074	T	0.1833
rs62363478	C	0.1174
rs116056834	T	0.1842
rs882282	A	0.0467
rs13179607	C	-0.0467
rs140964952	G	-0.1312
rs72731047	C	0.0363
rs72784238	T	0.0532
rs6884077	A	-0.0577
rs150234718	G	0.1145
rs1684963	A	-0.0389
rs6895825	C	-0.0333
rs76673787	A	0.0697
rs116203702	C	-0.1546
rs2591520	T	0.0736
rs1393133	T	0.0245
rs75146333	C	-0.1674
rs2162995	T	0.0347
rs6893444	A	0.0323
rs138564751	A	0.0806
rs67616821	T	-0.0459
rs290753	G	0.0319
rs13188756	A	0.0442
rs11747041	A	0.1667
rs116799713	T	0.183
rs173425	C	-0.0381
rs10050470	A	0.0237
rs75581418	C	0.1557
rs75247614	T	-0.0612
rs17256306	A	-0.0502
rs28505035	T	-0.0256
rs141761179	C	0.1305
rs17429640	A	-0.0442
rs62378269	A	-0.0436

rs79216568	T	-0.1433
rs34774872	G	0.0669
rs867279	G	-0.034
rs62335516	G	0.0269
rs906092	A	-0.0248
rs114969851	G	-0.0713
rs275510	T	-0.0264
rs4702783	A	0.0258
rs116057168	A	0.1549
rs4868794	C	-0.0574
rs11954778	G	0.129
rs17400434	G	-0.052
rs112410868	G	0.1464
rs62378178	T	0.1032
rs71599493	G	0.1129
rs144025068	G	-0.1163
rs4895304	G	0.0305
rs17524358	G	0.0334
rs72747708	A	-0.1286
rs11743838	T	0.0824
rs173908	T	0.0294
rs62350405	A	0.0674
rs12054905	C	-0.0327
rs79091143	A	-0.1604
rs1423300	A	0.0271
rs62368553	A	-0.0781
rs79873086	C	-0.1992
rs10055300	T	0.0257
rs78422605	C	0.0678
rs45498700	T	0.0387
rs7715501	A	-0.0243
rs7710874	C	-0.0236
rs6555961	A	0.0276
rs76294854	A	0.0806
rs7718618	A	-0.048
rs2397770	T	0.0336
rs10079058	C	-0.0253
rs55904245	T	0.078
rs80250173	T	0.0847
rs11958614	A	0.0325
rs71602119	T	0.065
rs140677969	A	0.1136
rs2662338	A	0.053
rs62365589	T	0.171
rs2168308	G	0.0255
rs113530973	A	0.1017
rs6870403	A	-0.0348

rs61341705	T	0.0899
rs75387556	T	0.0874
rs9292370	G	0.0338
rs7714673	A	0.0379
rs79900148	A	0.1149
rs11746623	G	0.0267
rs1609916	A	0.1595
rs4128586	T	-0.0271
rs10035248	C	0.0246
rs80084852	A	0.1151
rs77720550	A	0.0993
rs80144885	C	0.0946
rs59372931	A	0.0351
rs72761032	G	-0.0384
rs6868445	C	-0.0275
rs34733436	A	0.0309
rs78489558	A	0.0454
rs76586448	T	-0.0364
rs7700559	G	0.0524
rs77784716	A	-0.0771
rs12653570	A	-0.025
rs17627542	T	0.0899
rs7729096	A	0.0933
rs13189372	A	-0.0732
rs73818111	C	0.1431
rs79185262	T	-0.0617
rs1215667	T	0.0265
rs77618950	G	0.1249
rs137986307	T	0.1207
rs56359114	T	-0.0627
rs115471915	A	0.1325
rs10065761	T	-0.1136
rs62352332	A	0.047
rs17463165	T	-0.0246
rs56245000	G	0.0645
rs171646	G	-0.0707
rs12658840	A	-0.0248
rs74626775	T	0.163
rs78738180	G	-0.046
rs4866963	G	-0.0256
rs3889805	A	0.0995
rs16895637	C	0.0388
rs115563674	G	-0.0874
rs11249802	T	0.0447
rs13189532	T	0.1362
rs17688323	C	0.0458
rs10462819	C	-0.12

rs77031961	T	-0.0818
rs6451489	G	0.0266
rs6874301	C	0.0394
rs72776307	A	-0.0927
rs73772282	C	-0.0475
rs13174320	A	-0.0464
rs77509622	C	-0.1151
rs111226309	T	0.071
rs35611158	T	0.073
rs78684573	G	0.1458
rs10059053	C	-0.0275
rs141529932	T	0.1941
rs74544330	G	-0.0783
rs6554658	C	-0.0479
rs530967	T	0.0905
rs61751678	G	0.0896
rs10059074	G	0.0592
rs13156917	C	0.0962
rs112678431	A	-0.072
rs13175002	T	0.0271
rs75078531	G	-0.1387
rs7707293	T	0.1588
rs77078243	G	0.1099
rs4307115	A	-0.023
rs13164950	T	-0.0391
rs116793337	G	-0.1076
rs62367636	C	0.1312
rs77791861	T	-0.147
rs7712285	C	0.081
rs35323305	G	-0.0663
rs145750890	A	0.1341
rs72806425	T	0.041
rs55717920	T	0.046
rs112987123	T	0.0891
rs28121	G	0.0758
rs79017454	T	-0.0741
rs7718577	A	-0.0259
rs2359877	A	-0.0413
rs4443451	A	-0.0391
rs13160945	T	0.0336
rs2398617	G	-0.0271
rs6868937	G	0.0285
rs150868997	C	-0.1227
rs10079416	T	-0.0307
rs981411	G	0.0306
rs6867860	T	0.0518
rs895314	A	0.0332

rs78657849	A	-0.1648
rs10068846	T	-0.0341
rs79199538	T	-0.0333
rs13153233	T	0.1212
rs72777626	C	0.0389
rs116487489	A	-0.1236
rs141706099	T	-0.0995
rs2973688	A	0.0291
rs75268547	T	0.0665
rs72712922	T	0.0549
rs62342039	A	-0.0714
rs115021283	T	0.0561
rs805143	T	0.0752
rs62379403	T	0.0608
rs10066328	G	-0.0317
rs36068909	G	0.1963
rs972832	A	0.0389
rs6871449	T	0.0497
rs300973	T	-0.0238
rs112237589	A	0.0435
rs12654257	G	0.0299
rs75596288	A	-0.1406
rs116416683	A	0.0827
rs1700667	A	-0.0291
rs4866637	T	-0.0472
rs35842518	A	0.0439
rs150284247	A	0.1449
rs394961	G	0.028
rs10479376	A	0.0235
rs72780208	A	0.0484
rs714304	A	0.0274
rs29439	G	0.0273
rs28515667	C	-0.04
rs10069971	C	0.0253
rs143649953	G	0.0878
rs72738233	A	0.1163
rs72762653	T	-0.0645
rs17280356	C	-0.0342
rs77149340	G	0.0528
rs16899497	G	0.1386
rs16871513	T	0.0464
rs74975092	A	-0.1285
rs4386746	T	0.098
rs141031376	T	0.1238
rs291122	C	0.0251
rs148805068	G	-0.1526
rs148007856	T	-0.1001

rs1428281	C	0.0278
rs79156343	A	-0.1071
rs40070	A	0.0306
rs4254949	G	-0.0284
rs116294253	A	0.1012
rs7714795	A	-0.0248
rs17551008	C	-0.0554
rs1597956	C	-0.0863
rs114563827	A	-0.1239
rs16874441	A	0.1144
rs75461452	A	-0.0387
rs76027915	A	-0.1094
rs11738166	A	0.1191
rs13159974	C	0.1163
rs9313476	T	0.0244
rs113567524	T	0.0687
rs7725717	G	-0.0254
rs111833896	A	-0.168
rs10044540	C	0.1175
rs16895146	T	-0.0279
rs56324443	T	-0.1278
rs150683172	C	0.0582
rs112030805	G	-0.0475
rs142570716	A	0.135
rs72755599	C	0.0552
rs72774736	T	0.025
rs6860661	G	-0.0243
rs4869299	G	-0.0337
rs1530120	T	-0.0299
rs143193565	C	0.0857
rs6859219	A	0.0294
rs115454486	C	0.0853
rs1153085	T	0.023
rs17739586	C	-0.0289
rs62338563	A	-0.0309
rs6880347	T	-0.0238
rs10067511	G	-0.048
rs34006880	T	0.0298
rs33687	C	-0.0256
rs79687446	A	0.0811
rs16897838	G	0.0663
rs115030432	A	0.1499
rs11742596	T	-0.0806
rs72777604	T	-0.0356
rs1583291	T	0.0445
rs144731242	A	-0.1338
rs115342137	C	0.0917

rs55910052	A	-0.0255
rs315718	A	0.0309
rs76145689	G	0.1087
rs140156989	G	-0.1653
rs17675345	A	0.095
rs115990381	A	-0.1322
rs9313515	C	-0.0317
rs79709946	T	-0.0481
rs1833550	A	-0.0436
rs4257797	T	-0.0242
rs59995036	T	-0.0585
rs26271	C	-0.0232
rs11740264	G	-0.0238
rs72796427	G	-0.0645
rs55714015	G	-0.0532
rs72745284	T	-0.0369
rs28568321	T	0.0494
rs35420569	T	0.0615
rs34200966	G	-0.0253
rs347569	G	0.0911
rs75537346	G	0.1117
rs28362590	G	0.028
rs12516938	T	0.0563
rs112673672	T	-0.0425
rs10075253	T	-0.0346
rs17649125	T	-0.0271
rs72835655	T	-0.0799
rs62388428	A	-0.1649
rs295972	C	-0.0349
rs114293325	C	-0.0485
rs28557779	A	0.0242
rs4128401	C	-0.1276
rs79571991	A	-0.0599
rs62370544	A	-0.0898
rs10044764	C	0.0893
rs78546851	C	-0.0994
rs75437083	A	-0.0934
rs13162241	G	0.0924
rs3806925	A	-0.0291
rs142510402	A	0.1221
rs28669813	C	-0.0296
rs78520883	T	-0.171
rs76805699	A	0.0769
rs116578841	T	0.1759
rs112990530	T	0.1246
rs75839063	T	-0.1172
rs62362078	C	-0.0296

rs16900701	C	-0.0396
rs6883732	G	0.0689
rs12522568	G	-0.137
rs153269	T	-0.0586
rs57325913	C	0.0644
rs73782003	T	-0.1038
rs17100639	A	-0.0336
rs113562753	A	-0.0813
rs6880242	G	-0.0315
rs168706	T	-0.072
rs55887238	A	0.0643
rs309591	C	-0.0425
rs115593190	A	0.0678
rs2400180	T	-0.0434
rs147732347	T	0.1163
rs10072518	C	0.0234
rs75868120	C	-0.131
rs75574456	A	-0.066
rs253629	T	-0.0458
rs1366436	C	-0.0295
rs143333596	A	-0.0906
rs11740703	G	0.0842
rs139314862	C	0.0631
rs154181	T	0.0891
rs17658004	G	0.0459
rs6601060	C	-0.048
rs6860505	T	0.0245
rs6452482	T	0.028
rs116434848	A	0.135
rs111665239	C	0.0882
rs112192314	C	0.117
rs7714356	T	-0.0372
rs840839	T	0.106
rs11954601	A	-0.0314
rs72808164	A	-0.0903
rs79891032	T	-0.0915
rs115417310	G	-0.0645
rs876303	T	-0.0267
rs75651620	A	0.0891
rs113164247	C	-0.0415
rs17450096	A	0.1273
rs2589398	C	0.0264
rs115062827	G	0.092
rs17054104	T	0.0481
rs2255207	C	0.0266
rs56829103	G	0.0323
rs79094249	A	0.1366

rs30140	T	-0.0262
rs148954002	T	0.144
rs10038547	A	-0.0243
rs3096169	G	0.0338
rs58729412	C	0.0259
rs116431783	C	0.0535
rs17074976	A	0.0288
rs57093811	G	0.1606
rs6451182	T	-0.0704
rs6883472	A	0.0307
rs17670044	T	0.046
rs76926672	C	0.1334
rs75180394	T	0.1992
rs4705730	C	-0.058
rs114018330	C	0.0729
rs115523584	A	0.111
rs17557368	A	-0.0578
rs79034754	C	-0.0979
rs670357	A	0.0357
rs79113958	A	0.0617
rs328647	T	0.0242
rs34825424	A	-0.0252
rs76307722	A	-0.072
rs72478580	G	0.0968
rs11740965	C	0.0423
rs62375403	G	0.1122
rs13181480	G	-0.0376
rs7706818	A	-0.104
rs7722205	T	0.0376
rs73328174	G	0.0696
rs146956996	C	-0.118
rs73286621	G	0.034
rs138616988	G	-0.1701
rs3776057	T	0.0529
rs10036072	C	-0.0249
rs10079348	G	-0.0425
rs73749129	A	0.0347
rs714458	C	0.0348
rs76098492	G	0.1287
rs62363681	G	0.0567
rs115803493	T	-0.1444
rs150210114	G	-0.1794
rs76452300	A	0.1275
rs73302530	T	0.089
rs2748216	T	-0.0305
rs17668965	G	-0.0476
rs78623124	T	-0.0622

rs17266771	C	0.0346
rs7721744	A	-0.031
rs111615510	A	-0.0292
rs6580502	T	-0.0244
rs77536542	G	0.0468
rs114518238	T	0.1093
rs77172964	T	-0.0864
rs115855220	A	0.0942
rs244688	T	-0.0335
rs72745841	T	0.0396
rs35299027	C	-0.0289
rs10036064	G	-0.0771
rs112332486	G	0.1536
rs6867504	T	0.0277
rs269497	A	0.149
rs62374612	T	0.1764
rs76666804	A	0.0816
rs7737019	G	-0.0232
rs2961857	G	0.0287
rs150839898	A	0.0657
rs6870831	C	-0.0528
rs17162515	C	0.0764
rs78697546	G	0.0658
rs10050896	G	-0.0782
rs13178791	C	0.0263
rs56404137	T	0.066
rs56289164	T	0.0763
rs113281707	T	0.0908
rs72757607	T	-0.1342
rs77915579	T	0.1424
rs31564	G	0.0247
rs114807615	T	0.1506
rs6871126	T	0.0281
rs41520248	A	0.1489
rs10055226	A	0.0236
rs11743265	A	-0.0269
rs17640419	A	0.0319
rs1432822	T	0.0272
rs1563911	C	0.0252
rs115005694	C	-0.1525
rs17814286	G	0.0268
rs2961874	A	-0.0261
rs1845841	A	0.2054
rs114040017	T	0.1028
rs9293033	C	0.0273
rs114158032	A	0.1304
rs62384948	C	-0.1071

rs116591686	A	-0.1785
rs72803552	G	-0.0498
rs193716	T	-0.0905
rs62358706	A	-0.0811
rs116211796	A	0.114
rs11740660	T	0.0319
rs36830	A	0.0786
rs164079	C	-0.0286
rs245084	C	0.0464
rs34556930	A	-0.0879
rs35310736	T	0.0354
rs66524638	G	0.0309
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rs77955596	A	-0.14
rs4629610	G	-0.0269
rs73138817	T	0.03
rs11960487	C	0.0232
rs143264260	G	-0.1638
rs137862217	T	-0.0292
rs67419929	A	-0.0387
rs10063070	A	-0.0314
rs143077005	T	-0.1144
rs501031	C	0.0243
rs78247396	G	0.0691
rs1990266	T	0.0348
rs112131726	G	-0.1452
rs329195	T	-0.0234
rs67604528	A	0.0285
rs1350379	C	-0.0379
rs269872	A	0.0311
rs10473116	A	-0.0308
rs27635	G	-0.0617
rs115817506	C	0.1067
rs115938660	T	-0.1799
rs66855880	G	0.0368
rs12054828	T	0.0388
rs1505064	A	-0.057
rs4403184	G	-0.0435
rs115940524	G	0.1779
rs141235183	T	-0.2168
rs150233308	T	0.0935
rs3777226	A	0.0986
rs79005972	T	-0.1332
rs114192852	A	-0.1489
rs41389446	T	0.0414
rs113999028	A	0.1322
rs2607170	T	0.0251

rs6897141	T	-0.0364
rs9313708	C	0.037
rs30362	T	-0.0252
rs73148652	A	-0.0961
rs76456360	C	-0.1182
rs115156794	A	0.1182
rs79708954	T	-0.0797
rs41446444	A	0.0285
rs72812194	A	0.0476
rs72813895	C	0.1655
rs77268416	T	-0.0811
rs4529201	T	-0.0233
rs116741169	T	-0.1273
rs71603813	A	-0.0698
rs230076	T	-0.0262
rs76279938	C	0.0957
rs114743130	G	-0.125
rs72770733	A	-0.0419
rs364037	C	-0.0258
rs114423586	A	0.1146
rs250084	G	-0.0368
rs13184368	A	0.0705
rs2404280	A	0.0929
rs40206	T	-0.0303
rs12656592	C	-0.036
rs114237436	G	0.0749
rs10434802	A	0.0261
rs7723568	A	0.032
rs12186941	A	-0.0984
rs60913280	G	-0.0473
rs6897579	C	0.151
rs62335652	T	0.0434
rs67629927	C	0.0311
rs2438594	C	0.0352
rs72810003	G	0.0751
rs269515	T	-0.0231
rs34166097	A	-0.1165
rs17067427	A	-0.0406
rs66870314	C	0.0302
rs2255778	T	-0.0281
rs272485	T	-0.0261
rs10044403	A	0.0666
rs2594836	G	-0.0258
rs3923919	T	0.0248
rs2962365	C	-0.0405
rs11739203	A	0.0263
rs13354829	A	0.0296

rs28418769	G	-0.042
rs28097	G	-0.0267
rs74392806	C	-0.0712
rs13172085	C	0.0249
rs2964769	A	0.0359
rs115033718	C	0.1575
rs30726	A	0.0391
rs72758875	C	-0.0428
rs841135	C	-0.0318
rs144327890	A	-0.0493
rs17250399	C	-0.0302
rs60197079	G	-0.0317
rs1482680	G	0.0258
rs80014607	G	-0.1811
rs396712	C	-0.0495
rs77169384	C	0.1323
rs114325671	A	0.1403
rs75666474	A	0.1223
rs78475353	T	0.2347
rs10037461	C	-0.0338
rs75055749	G	0.0429
rs77880952	C	-0.06
rs1501763	G	-0.1078
rs2672823	T	0.0321
rs16883415	C	0.1122
rs62381541	G	-0.0303
rs77519178	G	-0.1068
rs11740513	A	0.0276
rs79716048	G	0.1054
rs40983	A	0.0246
rs80014283	C	-0.0471
rs12109186	C	-0.1504
rs2962544	A	0.0435
rs145203584	A	-0.1719
rs77056270	T	-0.1131
rs6580594	C	0.0258
rs6879396	A	0.062
rs16886773	T	0.138
rs76636413	A	0.1116
rs4912939	G	0.0243
rs76717078	G	-0.1603
rs79642606	C	0.1455
rs74824005	G	0.0982
rs34333927	A	-0.0491
rs115970740	T	-0.0717
rs2042227	G	-0.0285
rs17152833	C	-0.0532

rs2731655	C	-0.0242
rs146267301	A	0.1093
rs17055399	C	-0.0869
rs72810109	G	-0.0529
rs150219286	A	-0.1073
rs138235131	T	0.0779
rs11957412	C	0.0959
rs62333208	C	0.0277
rs10461649	G	0.0847
rs115236488	C	-0.1065
rs74527303	G	0.0647
rs13170573	G	0.0229
rs28416956	A	-0.0251
rs62368986	G	-0.0402
rs11134529	T	-0.0424
rs9688120	C	0.0241
rs115682048	T	-0.1564
rs144312799	A	0.1889
rs74558069	A	0.0753
rs150076623	T	0.0998
rs28698273	T	-0.0994
rs930275	T	0.0237
rs7730218	G	-0.0238
rs35763577	T	0.0683
rs6895774	T	0.0969
rs435413	G	0.0308
rs10463010	A	0.0324
rs4407602	G	0.0255
rs79401898	G	0.1343
rs115035236	G	0.0676
rs35466461	C	-0.065
rs59841346	T	-0.0515
rs1445904	A	-0.0266
rs111825886	A	-0.0634
rs10079641	G	0.0399
rs6870256	C	-0.0235
rs141877573	T	0.1425
rs72755524	T	0.0834
rs138543092	A	-0.1581
rs76910269	T	0.0348
rs115102364	T	-0.1078
rs12055002	A	0.0444
rs16901423	C	0.0288
rs55662485	G	-0.0826
rs34214357	T	-0.0538
rs138538729	C	-0.1099
rs1421951	T	0.1055

rs16869386	C	0.0309
rs114313688	G	0.1464
rs116064607	T	0.1195
rs112932186	T	-0.1316
rs67143037	T	0.0405
rs7706345	T	-0.0278
rs7705072	T	-0.0228
rs16901481	T	0.0374
rs34208740	T	0.0515
rs116179296	T	-0.1039
rs138354507	A	0.1477
rs2115114	C	0.0269
rs41387251	C	0.1156
rs1289186	A	0.0569
rs79681701	C	0.1798
rs10516121	G	-0.0542
rs79206112	C	-0.0716
rs11951324	G	0.0396
rs62355126	T	-0.0282
rs76057457	A	0.0401
rs56215057	T	0.1051
rs923467	T	0.0246
rs75283052	A	0.0723
rs77305922	T	0.1093
rs116051509	C	0.1123
rs11740796	A	-0.026
rs4529206	T	-0.0238
rs6449557	C	-0.0248
rs78681108	C	0.0444
rs356060	T	0.0255
rs74518462	C	0.1276
rs4574552	G	-0.0268
rs112395401	T	-0.0879
rs10900708	G	0.0319
rs75023004	T	-0.1182
rs32406	T	0.0337
rs115640023	T	-0.1388
rs2438631	A	-0.0241
rs79945450	T	-0.1701
rs147915451	T	0.162
rs2905209	T	-0.0385
rs113483569	T	0.084
rs10036620	C	-0.0291
rs2386466	G	-0.0444
rs112449649	A	0.0298
rs77612578	C	0.1242
rs34112229	A	-0.0497

rs12520735	G	-0.0446
rs116799494	A	-0.1408
rs2968190	T	0.0316
rs114268170	A	-0.1217
rs74554941	A	0.0353
rs12522909	G	-0.0273
rs79820638	T	-0.0994
rs80242933	T	0.1844
rs17057106	T	0.0491
rs6885965	T	-0.0249
rs255426	A	0.0841
rs4868940	C	0.039
rs75127752	C	-0.106
rs113381014	T	0.0944
rs4958443	A	-0.0478
rs10072809	A	0.0539
rs4866066	C	-0.029
rs75675239	A	-0.07
rs76243701	T	-0.1461
rs115249783	T	0.0982
rs2553484	A	-0.0285
rs2652080	T	0.0236
rs75041013	T	-0.1139
rs819318	T	0.0268
rs163192	A	-0.0224
rs6883314	T	0.0422
rs6884390	T	-0.1215
rs890717	C	-0.0332
rs76247772	A	-0.0556
rs80231792	A	0.0655
rs77812008	A	0.103
rs62389586	A	-0.1125
rs74608240	A	0.1569
rs299600	T	-0.0339
rs111926371	C	-0.0695
rs10052709	G	-0.0334
rs6862071	T	0.135
rs76820463	G	0.1052
rs11466805	A	-0.067
rs75731976	C	-0.1382
rs6873481	A	0.0305
rs75617254	C	0.1354
rs260410	T	-0.0472
rs151017324	A	0.1268
rs55989644	C	0.039
rs114954806	A	0.1608
rs62369942	G	0.0306

rs3902904	A	-0.0239
rs76775978	T	-0.0663
rs7726545	C	0.0325
rs112679894	G	0.0975
rs62381222	A	0.0741
rs12658529	T	0.0245
rs1125150	A	0.0445
rs13183618	C	0.0358
rs149824420	T	0.1018
rs10067626	T	0.0479
rs72736843	T	0.0699
rs138600763	T	-0.0767
rs3733665	G	0.0328
rs4704855	G	-0.0807
rs114513947	T	-0.0516
rs3776572	C	-0.0246
rs150058215	A	-0.1278
rs150512724	A	-0.1254
rs143194600	T	-0.1233
rs62373353	G	-0.0384
rs10075265	C	0.0247
rs28448491	C	-0.0311
rs3852162	C	0.028
rs114477795	C	-0.0986
rs113012916	T	0.0536
rs77265670	G	0.2028
rs114989548	A	0.0352
rs6871931	A	-0.0292
rs921038	T	-0.024
rs10057191	G	-0.0391
rs6898533	T	-0.0269
rs116293072	A	-0.0974
rs143073349	C	0.1067
rs11960943	A	0.0814
rs380671	G	0.0397
rs62372808	T	0.023
rs112432522	G	0.0288
rs2439652	C	0.0638
rs9312862	G	0.023
rs150454290	A	0.1483
rs16887892	T	0.0363
rs76570422	G	-0.1365
rs58490646	G	-0.0259
rs80310419	T	-0.0953
rs6872013	A	0.027
rs748464	T	0.0351
rs326057	T	-0.026

rs80063823	G	-0.0904
rs9986202	C	0.0318
rs7711836	G	0.0893
rs17307853	C	-0.0359
rs17488820	T	-0.0968
rs31695	C	0.0271
rs10866528	G	0.0241
rs6555155	G	0.0242
rs2120247	A	-0.0398
rs11745315	A	-0.1592
rs78948732	G	-0.0807
rs17143349	G	0.0487
rs113326966	A	-0.0901
rs7729366	C	0.0647
rs62347661	T	-0.1601
rs79135374	G	0.139
rs73106785	A	0.0583
rs72804114	C	-0.1193
rs7709258	T	-0.0297
rs7445547	C	0.0289
rs114395416	C	0.0713
rs115759720	C	0.107
rs114362481	C	0.1183
rs246347	T	-0.031
rs78381698	A	0.1126
rs116750291	T	0.1033
rs77431394	C	-0.0774
rs115109737	A	0.0583
rs33998119	G	-0.1105
rs13361385	A	0.0498
rs150903870	C	-0.1881
rs2962407	A	0.024
rs6895377	A	-0.0246
rs4324679	C	0.0328
rs116546588	A	0.1617
rs25890	C	0.0234
rs72652822	C	-0.0426
rs13186966	T	-0.029
rs261227	C	0.0222
rs12518772	G	0.0552
rs1109017	C	-0.0224
rs9313900	G	0.0476
rs55885327	C	0.121
rs72815417	A	-0.0634
rs1366164	T	0.1138
rs696879	T	-0.0248
rs2112474	G	-0.0319

rs140817866	C	-0.1526
rs74952776	G	0.0426
rs16903289	T	-0.0667
rs74462807	G	0.1452
rs316231	G	0.0445
rs11135558	C	-0.0343
rs11956685	G	-0.023
rs10519393	T	0.0838
rs1366232	T	-0.0561
rs10472945	A	-0.058
rs11953852	T	-0.0628
rs11742772	C	-0.0411
rs12655129	A	-0.0288
rs186296	A	0.0244
rs74868150	T	0.0821
rs2591777	G	0.0233
rs75600552	A	0.0698
rs145211206	A	0.2243
rs10079625	C	0.0408
rs72835138	T	-0.0397
rs138006451	C	0.1321
rs114236690	T	0.1532
rs78520502	T	0.1278
rs62386228	A	0.0747
rs255885	A	-0.0342
rs2115513	A	0.0245
rs77137793	G	0.1557
rs57856381	G	-0.0331
rs16869106	G	-0.0293
rs74498779	A	0.1349
rs34475559	A	0.0708
rs62381099	C	0.1443
rs55671936	G	-0.0509
rs17684382	C	-0.0931
rs58854937	A	0.0854
rs6897051	T	-0.0308
rs36093359	C	-0.0242
rs138601175	T	-0.0783
rs62373261	G	0.026
rs116277771	C	0.0521
rs13158164	C	0.0329
rs116419653	A	0.0662
rs17629575	T	0.0315
rs9688218	C	-0.0324
rs147162978	G	0.1489
rs62383313	A	0.102
rs17358298	T	0.0338

rs76089030	A	-0.112
rs76698196	G	0.1154
rs11952985	G	0.0495
rs6555977	C	0.0374
rs211036	C	-0.0232
rs2592019	A	0.0259
rs76423202	T	-0.0733
rs111842095	T	-0.1131
rs2163156	C	-0.0683
rs9327137	G	0.0236
rs114842847	A	-0.1113
rs75523539	C	0.1181
rs26730	C	0.0287
rs11741651	T	-0.0241
rs357616	C	-0.0233
rs10037475	C	0.0254
rs163941	A	-0.1013
rs138474957	T	0.1299
rs72765914	G	0.1149
rs35601608	T	-0.0377
rs56185482	T	-0.0796
rs10491313	G	0.0417
rs77707099	G	-0.0862
rs149221457	A	0.0987
rs1592764	T	0.0469
rs77716259	A	0.0923
rs59561259	A	0.054
rs72791660	G	-0.0336
rs9312759	A	0.0242
rs79550103	A	0.073
rs76672628	C	0.2075
rs113672927	A	0.0663
rs75243891	T	0.1378
rs4916832	A	-0.0347
rs80090739	T	-0.0731
rs980982	A	-0.0361
rs62354903	A	-0.0734
rs115698653	G	0.1696
rs114154867	C	0.063
rs12520961	T	0.1587
rs114366839	T	-0.0917
rs78189310	G	0.1098
rs143106433	T	0.1179
rs27986	T	0.0303
rs331300	T	0.0323
rs62374244	G	0.0514
rs74446249	T	-0.1117

rs115447028	C	0.1153
rs28419632	G	-0.0422
rs17491085	T	-0.0492
rs11738271	T	0.0325
rs147967158	G	0.1076
rs76425426	T	0.1501
rs6871209	C	0.0355
rs148372020	G	-0.099
rs143566186	T	0.1541
rs146257961	G	-0.0921
rs2347095	G	-0.1093
rs12654386	T	0.0356
rs79320861	T	0.1645
rs72761980	A	-0.1502
rs116812760	G	0.0895
rs75668588	G	0.037
rs988573	T	-0.0218
rs16901212	C	0.1352
rs10059353	T	0.0232
rs13159807	A	-0.0233
rs79408370	T	0.0837
rs12516223	T	0.1929
rs7730725	A	0.0382
rs73351643	C	-0.0676
rs30420	T	-0.0582
rs77002777	A	0.1
rs115204289	C	-0.0609
rs4423958	T	0.0325
rs150746614	T	-0.1676
rs16894008	T	-0.1552
rs116320613	G	-0.1759
rs11952614	T	-0.0936
rs6869904	T	-0.0226
rs62382674	A	0.0578
rs10476743	A	-0.0242
rs113786844	G	-0.0941
rs2968221	T	0.0285
rs16902235	T	-0.0353
rs113229815	C	0.0564
rs73320842	C	0.056
rs2449451	T	-0.0261
rs2962004	A	0.0231
rs78144338	A	-0.0484
rs116237919	T	0.0857
rs2282810	T	0.0233
rs141808137	T	0.1346
rs7711618	G	-0.0284

rs73763356	T	-0.0527
rs75259086	A	-0.0751
rs2169095	C	0.0269
rs4443446	G	0.0346
rs2032893	T	-0.0235
rs114959781	T	-0.0937
rs2161140	G	0.0283
rs115060811	C	-0.0803
rs75813237	T	-0.1041
rs112547373	G	0.1006
rs61730936	T	-0.0551
rs75205348	A	0.1013
rs78437988	T	-0.1
rs7713659	T	0.0253
rs270207	A	-0.0243
rs34894525	C	0.042
rs4702124	T	0.0272
rs62355073	C	0.0424
rs138227704	G	-0.131
rs6864965	C	-0.0477
rs56156016	A	-0.0761
rs72494581	C	-0.0272
rs987951	A	0.0258
rs141748690	C	0.0433
rs115498644	G	0.0557
rs17070929	G	-0.0658
rs74592396	T	-0.0701
rs4388185	G	-0.0381
rs114021239	T	0.1314
rs114416259	T	0.1546
rs35770269	T	-0.0353
rs1445950	G	0.0915
rs13185436	G	0.0228
rs7446952	C	0.0267
rs111580843	T	-0.0629
rs116818387	C	-0.101
rs10067964	C	-0.0256
rs139708133	T	0.0853
rs17591912	A	0.1152
rs16867565	C	0.0609
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rs488152	A	0.0586
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rs75846301	T	-0.0889
rs142080367	C	0.144
rs77962363	T	-0.053
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rs72791076	C	-0.2211
rs6580205	C	0.0224
rs4976595	T	0.0662
rs56216638	T	0.0261
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rs6882021	T	-0.0263
rs80035655	G	-0.0511
rs74967474	A	-0.0824
rs150325827	A	-0.1772
rs117180991	C	0.1493
rs76591266	T	0.0637
rs9327643	A	-0.0393
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rs13357458	T	0.0813
rs16898148	A	-0.038
rs72809910	G	-0.0778
rs17689103	T	0.0568
rs440485	A	0.0327
rs76239041	A	0.0324
rs117147870	A	-0.083
rs16879047	T	0.1158
rs78519065	A	-0.0822
rs55944115	T	-0.0787
rs168666	A	-0.0307
rs34507337	C	-0.0478
rs76767118	C	-0.0514
rs4496697	A	-0.0611
rs16881303	A	-0.1282
rs11241133	T	-0.028
rs76156728	C	0.0361
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rs72782825	C	0.0583
rs1288869	T	-0.0241
rs11952306	A	0.1768
rs26222	A	-0.022
rs619491	T	-0.0281
rs115889761	G	0.1438
rs55793074	A	0.0605
rs17502163	A	-0.0389
rs9312983	A	0.0524
rs154819	C	-0.0792
rs469785	C	-0.024

rs146511228	T	-0.0839
rs139033950	C	-0.1028
rs34716738	T	0.1108
rs115689552	T	-0.0679
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rs62382286	T	-0.0553
rs74556816	C	0.0871
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rs17146261	T	0.1195
rs1428692	T	-0.0224
rs13356132	C	0.032
rs6882967	T	0.0263
rs75638121	T	-0.0728
rs75819534	C	0.0595
rs116474205	G	-0.0733
rs6883238	G	0.0728
rs516960	C	0.0218
rs410805	T	-0.0367
rs42278	A	0.0769
rs835075	A	-0.0218
rs76916440	T	-0.0658
rs56257248	T	0.1283
rs138774398	T	-0.1592
rs76110851	T	0.0713
rs17133873	C	0.1424
rs174809	C	0.0239
rs259193	T	0.0251
rs4629578	G	0.0231
rs3850200	C	-0.0411
rs1565808	A	0.0236
rs140255145	A	-0.1097
rs151043706	C	-0.1249
rs293040	T	-0.023
rs114153128	A	-0.151
rs138929812	C	0.2191
rs3890111	A	0.0282
rs11741357	A	-0.0532
rs111820457	A	0.0943
rs116696144	A	0.1462
rs2445801	G	-0.0241
rs13360357	C	0.0339
rs73039092	G	0.0689
rs17196901	C	-0.0306
rs6897179	A	0.0729
rs12513951	T	-0.0233
rs80146384	G	-0.0446
rs139734798	T	-0.1246

rs57694281	A	-0.0366
rs17211235	G	0.0707
rs4482879	C	0.0213
rs149556	C	-0.0246
rs142588802	A	0.1099
rs115114236	C	0.0945
rs11955654	A	-0.0814
rs13169485	C	0.0276
rs10036550	C	0.0705
rs142704329	C	0.0987
rs13165456	A	0.0297
rs72759034	C	-0.1407
rs6863337	G	0.0325
rs9327811	A	-0.036
rs35745062	A	-0.0273
rs77521253	A	-0.107
rs7737882	T	0.0217
rs7704166	G	0.022
rs183683	T	0.0384
rs6887810	C	-0.0605
rs140563449	G	-0.1011
rs10078075	T	0.0222
rs80150811	T	-0.0388
rs7727211	C	-0.0545
rs1871186	C	0.0225
rs17061281	G	-0.0539
rs325874	G	0.0256
rs146200818	C	0.1207
rs56412085	T	-0.089
rs73312260	A	0.0674
rs139548616	A	-0.1126
rs2112485	T	-0.0244
rs17839719	G	-0.0488
rs113389383	G	0.1335
rs2594835	A	0.0421
rs2319566	G	0.0339
rs74632981	A	-0.0873
rs3212690	C	0.0853
rs1020388	G	-0.0223
rs145927524	G	-0.1808
rs72769333	C	-0.1218
rs11738346	T	-0.0289
rs7734645	G	0.0263
rs62364477	G	0.0732
rs115374444	T	-0.2085
rs6874303	A	-0.0299
rs6887271	C	-0.1761

rs143563818	C	0.1518
rs149110471	C	-0.1758
rs6596684	G	0.0235
rs116577322	G	-0.0776
rs61760346	C	-0.0411
rs80332895	C	0.0854
rs114657505	A	0.0902
rs116512330	T	-0.0793
rs17553041	G	-0.0972
rs17151324	C	0.1115
rs74453068	T	-0.058
rs113874251	G	0.062
rs112056090	A	-0.0721
rs150251051	A	-0.1092
rs71622133	T	-0.0483
rs62376493	G	0.2122
rs111620363	T	0.0888
rs73110654	A	-0.0344
rs13165031	T	0.1659
rs115800087	A	-0.1122
rs9885487	T	-0.0257
rs2625203	G	-0.0277
rs58824859	C	0.0259
rs12514931	A	-0.0301
rs73137871	A	0.0508
rs12655335	T	-0.1503
rs145280166	T	-0.1183
rs142237249	T	-0.1956
rs114690837	G	-0.1722
rs16868011	G	-0.0248
rs2662330	C	-0.0213
rs1030676	C	0.025
rs140108923	T	-0.1123
rs334287	T	0.0298
rs114796358	A	-0.1071
rs72772045	C	0.036
rs150352588	T	0.0785
rs11750252	T	0.043
rs59709139	T	0.0525
rs79150989	C	-0.0359
rs115615701	C	0.0929
rs6874591	G	0.0457
rs78289804	T	0.0509
rs7722138	A	-0.0238
rs114214303	A	0.1726
rs55866397	T	-0.0872
rs2329624	A	0.0222

rs76373384	A	0.0699
rs10052787	G	0.0486
rs72832722	G	-0.026
rs56000969	T	0.046
rs9292022	A	0.022
rs72801757	G	0.0607
rs62364681	T	-0.0908
rs6555900	C	0.0247
rs35445112	T	0.1049
rs6452565	G	0.0263
rs7711699	A	0.0564
rs11951820	A	0.0501
rs34510849	G	-0.028
rs114728425	A	-0.0303
rs9325082	G	-0.0247
rs62379906	A	0.0302
rs77916175	T	0.1364
rs78062799	C	0.0853
rs74633676	C	-0.0466
rs71627305	T	0.0506
rs11242493	G	-0.0339
rs889063	T	0.0247
rs150563599	A	0.1797
rs77719555	G	-0.2731
rs142892719	A	-0.064
rs2950030	G	0.0219
rs114915558	G	-0.0554
rs77911314	T	0.0722
rs142352339	C	-0.1557
rs17716274	C	-0.0888
rs13183455	A	-0.0238
rs144053127	C	-0.0842
rs72738979	G	-0.0516
rs76829704	T	-0.1179
rs17596440	G	-0.0436
rs116545048	A	0.0649
rs10064083	G	-0.0329
rs246578	G	-0.07
rs16877779	A	0.0376
rs2113070	T	-0.0316
rs11242118	A	-0.0326
rs78943951	A	-0.1823
rs9329104	G	-0.0323
rs17662111	C	-0.1221
rs10038654	A	0.0255
rs322392	A	-0.0535
rs8192250	G	0.1356

rs925824	G	0.0237
rs28636	T	0.0267
rs1839862	A	-0.0224
rs17168361	T	0.0309
rs165064	T	0.0239
rs13171998	A	0.135
rs6862278	A	0.0827
rs10072136	T	-0.0232
rs62377918	C	0.0276
rs33710	T	-0.0254
rs77626626	T	0.1212
rs114398092	A	-0.2054
rs17462769	A	0.0335
rs75437378	T	-0.0502
rs115862372	T	0.0906
rs77111266	A	0.1061
rs11743557	C	0.0684
rs34245560	C	0.0745
rs499652	T	-0.0716
rs35552	C	-0.026
rs34514413	A	-0.0326
rs4702305	C	-0.0491
rs145611763	G	-0.0333
rs79366947	A	0.0969
rs666056	A	-0.028
rs79928779	C	0.0398
rs4367299	G	0.0221
rs114562926	A	-0.1612
rs78006747	C	-0.0644
rs77225675	A	0.0897
rs4076522	T	-0.0231
rs77881193	C	-0.1191
rs73286094	G	0.0565
rs78779890	G	0.1036
rs75076783	T	0.1174
rs1531312	T	0.0244
rs148180366	C	-0.1181
rs3806839	C	0.0222
rs72746695	G	-0.0576
rs13355409	T	0.0473
rs115245277	A	-0.0714
rs7728908	A	-0.0269
rs17668155	T	-0.0607
rs12518180	T	0.0271
rs6868874	G	0.0739
rs10941519	C	0.023
rs139938174	C	0.0981

rs140212011	T	0.0639
rs143545250	A	0.1112
rs114988639	G	0.1602
rs1428022	T	0.0315
rs10462816	A	0.0382
rs74689401	G	0.0532
rs4703976	T	0.1023
rs36009432	G	0.0434
rs78443050	T	0.06
rs11749213	A	-0.0344
rs27636	T	-0.0475
rs78327014	T	0.0664
rs112375259	G	-0.039
rs73044430	T	0.0846
rs114965676	A	-0.098
rs11241792	T	-0.0617
rs79717079	T	0.0709
rs17568300	A	0.0425
rs139160176	C	0.0905
rs67502985	C	0.0949
rs149718288	T	0.0833
rs114342230	A	0.0867
rs79296605	G	-0.096
rs75582205	T	0.0717
rs75833488	C	0.1869
rs7443765	T	0.0233
rs113165359	A	-0.0963
rs79855726	C	0.1337
rs6883291	G	-0.0236
rs113383727	C	0.1334
rs2569093	T	-0.028
rs2033270	T	0.0446
rs148467998	A	0.1037
rs115444259	T	0.0902
rs17146625	A	0.0622
rs45451099	A	-0.0844
rs76830161	T	-0.1235
rs72759979	C	0.094
rs75460986	A	0.0868
rs114773198	C	-0.0845
rs34358194	T	0.0878
rs73122939	C	0.0283
rs10478920	C	0.0567
rs11740563	A	-0.0817
rs116258873	T	0.1648
rs13177688	C	0.0538
rs115863756	T	-0.1145

rs4457074	A	0.0385
rs79541172	G	0.1367
rs10076705	T	-0.0224
rs7720827	C	0.0438
rs75593963	T	0.1034
rs34541030	G	-0.0621
rs139260103	T	-0.042
rs6863329	C	0.03
rs4912601	C	-0.022
rs115147665	A	0.068
rs72807935	G	0.04
rs77056845	C	0.0854
rs13153440	C	-0.0626
rs74562222	G	-0.0534
rs113860509	G	-0.1135
rs31309	C	0.0508
rs6594688	C	0.1203
rs80234471	A	-0.126
rs114307037	G	-0.0624
rs151176650	A	-0.0466
rs12153461	T	0.0349
rs16897840	T	0.0791
rs114573843	G	0.0791
rs260398	G	0.0319
rs4866098	T	-0.0272
rs13161158	C	-0.0482
rs62392840	T	0.04
rs138090569	C	-0.1529
rs17512887	T	-0.0703
rs8180513	A	-0.0437
rs6891752	C	-0.0265
rs16880508	A	-0.0935
rs17068395	A	0.0262
rs115213011	T	-0.1384
rs72783447	T	-0.0608
rs13357784	G	-0.1973
rs78547914	C	-0.0482
rs1030955	C	-0.051
rs11739460	G	-0.0222
rs1043196	C	0.0953
rs147282880	C	0.0416
rs146879873	C	0.1407
rs7706479	G	-0.0383
rs791077	A	-0.0267
rs4346818	T	0.0331
rs147317250	A	-0.1052
rs116168349	C	0.128

rs1650553	G	-0.0286
rs77546932	G	-0.0685
rs143421881	C	0.093
rs72773205	G	-0.0545
rs7735232	T	0.0296
rs11738979	T	-0.0244
rs2906080	A	-0.0251
rs316720	C	-0.022
rs73787313	C	-0.138
rs17792072	G	-0.0244
rs62361593	A	-0.0558
rs62372192	A	-0.0635
rs2547545	C	-0.0331
rs2059805	T	-0.0254
rs114712682	A	-0.0713
rs12655058	A	0.0804
rs55872233	G	-0.1043
rs34856940	G	0.0661
rs114556328	G	-0.0545
rs62405384	G	0.031
rs72771678	A	-0.0269
rs115424919	G	0.1347
rs116242230	A	0.1202
rs72816433	T	-0.0451
rs76309560	A	0.1909
rs78389968	A	0.0815
rs6555013	T	0.0627
rs115353097	T	0.0722
rs114017691	A	0.1409
rs73348141	A	-0.0505
rs7732007	T	-0.0426
rs2972892	T	0.0213
rs6873307	G	0.0277
rs77272082	G	0.105
rs28676354	T	0.0531
rs4361562	A	0.0308
rs17468120	T	-0.0825
rs147724279	C	0.1427
rs245580	A	0.0221
rs11739898	T	-0.0286
rs62388142	A	0.0501
rs4836345	C	-0.0838
rs13172769	T	0.0372
rs17634885	C	-0.0672
rs72763496	C	0.0303
rs13166502	C	-0.0289
rs10044521	T	0.0903

rs3909281	T	0.0224
rs80125361	T	0.0637
rs113089586	T	-0.0833
rs62374921	T	-0.0271
rs11957787	T	-0.0957
rs3777167	G	-0.0249
rs3846555	A	-0.0982
rs150634149	C	0.0831
rs142604597	T	0.1288
rs79298582	T	0.0648
rs80215556	T	-0.0933
rs74713547	C	0.1371
rs7706649	C	0.0258
rs74581328	A	-0.1021
rs166281	G	0.0596
rs11948555	G	-0.0867
rs75798204	T	-0.0939
rs80179578	C	0.0884
rs78199631	T	0.1366
rs77302430	C	0.1257
rs4286653	A	-0.0417
rs34492233	C	-0.0211
rs17052958	G	0.0301
rs75598880	A	-0.1071
rs3097245	A	0.0223
rs55869777	C	-0.0955
rs142391743	T	-0.1371
rs55951984	T	0.0294
rs2135072	C	-0.0254
rs144710012	T	0.1511
rs11746495	G	-0.0504
rs9885375	T	-0.0284
rs898172	A	0.0286
rs115632126	A	-0.0993
rs6882708	T	0.0375
rs10041025	A	0.0671
rs61761656	G	-0.1444
rs115704670	C	-0.1097
rs62356092	A	-0.0515
rs28433586	G	0.0406
rs2898207	G	-0.046
rs67145573	T	0.0585
rs58140608	T	0.0403
rs2021776	T	-0.028
rs10471525	A	0.0233
rs7706720	G	-0.0239
rs6890558	C	-0.0233

rs725635	T	0.0283
rs112097091	G	-0.1218
rs3733973	A	-0.0948
rs4976716	C	0.046
rs874428	A	0.0293
rs80204486	A	-0.1285
rs72758881	G	0.0955
rs79310598	A	0.0785
rs79465959	T	-0.1056
rs78000636	A	0.1364
rs115911679	T	0.088
rs1698011	G	0.0306
rs144575152	C	0.0549
rs138295474	T	0.167
rs41271749	A	-0.1196
rs145192592	A	0.1012
rs6594886	T	0.0848
rs116173340	C	-0.1104
rs72818798	G	0.0775
rs1494643	T	0.0261
rs226210	G	-0.0254
rs924615	A	0.0226
rs72724148	C	-0.1136
rs78498300	A	0.0646
rs74419000	A	0.0338
rs80339103	G	-0.0777
rs113818186	T	-0.0745
rs3846706	G	0.0392
rs930072	C	-0.0348
rs139921506	T	-0.1524
rs75061443	T	0.1139
rs3756561	T	0.0511
rs79468919	G	-0.0648
rs11167700	T	0.0292
rs10942171	G	-0.0224
rs112655125	G	0.1215
rs113056318	C	0.1062
rs75671783	C	0.1218
rs4540153	G	0.0218
rs16901341	C	0.0715
rs10515058	A	0.021
rs75172869	G	-0.0578
rs112225407	A	0.0652
rs9327357	G	0.0301
rs77452085	T	0.1651
rs959937	A	-0.0232
rs35131009	T	-0.0619

rs35849238	A	0.048
rs114468478	C	0.0834
rs75563609	A	-0.0745
rs73240895	G	-0.0344
rs78768931	A	0.0764
rs139508250	C	0.1034
rs1295217	T	-0.0273
rs75397573	C	-0.0558
rs7713083	G	0.0251
rs75241215	T	0.0445
rs72771293	G	-0.0288
rs78892297	C	-0.0252
rs62378901	C	-0.0692
rs142208154	A	-0.1419
rs72814085	C	0.0374
rs10076041	T	0.0337
rs61737137	G	-0.1173
rs112033423	T	0.0602
rs77783902	T	-0.079
rs76687592	T	0.0887
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rs17148568	C	-0.0472
rs1896691	G	-0.0237
rs6892660	C	0.0292
rs9647596	A	0.0213
rs116458160	A	0.1193
rs6873527	A	0.0812
rs6870462	G	0.0258
rs72494108	A	0.034
rs79074361	G	-0.0743
rs116348487	A	0.1098
rs2909993	A	0.0278
rs12188736	T	-0.022
rs139708314	T	0.089
rs80351291	G	-0.0476
rs11749433	G	0.1065
rs37435	G	-0.0963
rs75691701	A	0.1177
rs11951016	A	0.0657
rs40992	T	0.0249
rs55699024	A	0.1427
rs11737908	A	-0.043
rs55689180	A	0.0468
rs72706729	C	-0.0383
rs16883082	T	0.0351
rs35424849	C	-0.0932

rs72758522	T	-0.0389
rs10061587	G	-0.0383
rs115754825	G	-0.0977
rs7446822	G	0.0352
rs13164945	T	0.0262
rs16892406	G	-0.0259
rs3776761	A	-0.0501
rs1036172	C	-0.0266
rs12188219	C	-0.0285
rs13167351	C	-0.024
rs79297063	G	-0.0429
rs12516799	A	0.023
rs148646754	C	0.1008
rs770179	C	-0.0326
rs77860393	T	-0.088
rs13160719	C	0.0248
rs62337754	T	-0.0244
rs34735826	C	-0.0238
rs194068	G	-0.0216
rs4422542	A	0.0258
rs6453285	T	0.0411
rs13154789	A	-0.0279
rs55823210	A	0.0311
rs114511130	A	0.0989
rs115485411	A	-0.0556
rs140875636	T	-0.1696
rs10076405	G	-0.0214
rs75108770	G	-0.0592
rs115800577	T	0.0901
rs1104824	C	-0.0222
rs1423304	T	0.0243
rs4302547	A	-0.0984
rs1193355	G	0.0221
rs79153232	A	0.0661
rs6896218	C	0.024
rs62351762	C	0.0547
rs74934251	G	0.1051
rs10042448	G	-0.0446
rs4389663	A	0.0277
rs146424380	C	0.1509
rs62392640	C	0.1695
rs72790986	G	-0.0255
rs140282010	A	0.2123
rs73766165	A	-0.0632
rs112326146	G	0.0698
rs314013	C	-0.0462
rs76674412	G	0.0773

rs144410638	C	0.1028
rs17087114	C	0.0567
rs147243219	G	0.1481
rs56923208	C	-0.0221
rs17145294	T	0.0258
rs72786629	A	0.1267
rs77417662	T	0.0837
rs254037	C	-0.0511
rs13170838	T	-0.063
rs13171422	C	0.0237
rs76780202	C	-0.0701
rs75761803	T	0.1517
rs76034239	T	0.035
rs116042277	C	0.0885
rs113114438	T	0.0757
rs4867616	A	-0.021
rs11746696	A	0.0328
rs1698135	G	-0.0268
rs12519801	T	-0.024
rs73330467	G	0.0289
rs78666348	G	0.0902
rs62384543	T	0.0415
rs75592436	A	-0.1134
rs62387712	C	0.1623
rs114992997	A	0.1296
rs11951658	T	0.066
rs11954119	T	0.1029
rs1862523	C	-0.0233
rs12189222	A	-0.0766
rs9326755	G	-0.0327
rs34248265	T	-0.0379
rs144058241	T	-0.0892
rs10900767	C	0.0217
rs10066520	A	0.0455
rs16903407	T	-0.0537
rs267939	C	0.022
rs2347598	C	0.0552
rs6873053	A	-0.0381
rs464850	C	-0.0326
rs62337125	T	0.0249
rs57184151	T	0.0797
rs7447957	T	0.0209
rs114436902	A	0.0535
rs36118613	A	0.024
rs10063020	T	0.0541
rs115189732	T	-0.1536
rs10039222	T	-0.0274

rs76085768	G	0.0392
rs146555728	G	-0.1756
rs148353418	T	-0.0829
rs112297723	T	0.1406
rs1799291	T	-0.0557
rs2190779	G	0.0696
rs55700967	C	-0.0815
rs268553	G	0.0313
rs77520293	C	0.1323
rs35559377	T	0.065
rs66828454	A	-0.0406
rs350049	T	-0.034
rs114802859	C	0.0596
rs275456	T	-0.0242
rs16871467	T	0.1192
rs34070088	A	-0.0251
rs114853425	A	0.113
rs7731784	T	0.0399
rs4288136	C	0.0211
rs72750878	C	0.1073
rs72808586	T	0.0746
rs145296812	A	-0.1863
rs116315804	G	0.1753
rs2892154	G	-0.1348
rs13171873	A	-0.0879
rs906069	A	-0.0316
rs7721732	A	-0.0342
rs111694881	C	-0.049
rs1473399	A	0.0258
rs145489384	G	0.1131
rs6884186	G	0.0239
rs77010519	C	0.0697
rs62383308	A	-0.0442
rs16902313	C	-0.0535
rs115638623	G	-0.0717
rs72761687	A	-0.0405
rs72772455	T	0.0607
rs1007838	A	0.0211
rs1371975	C	0.0338
rs73272842	A	0.0307
rs79501605	T	-0.1002
rs114052460	C	0.1232
rs1664645	A	0.0592
rs10076158	T	-0.028
rs151021153	G	0.0773
rs62377827	A	-0.0262
rs2589656	A	-0.0224

rs140443794	G	-0.1538
rs77089651	T	0.0292
rs138207695	T	0.0446
rs767411	C	-0.0225
rs115523561	A	0.0561
rs10043667	T	-0.0684
rs11747314	T	0.027
rs79018744	T	0.1262
rs138957655	T	0.1414
rs2029164	A	-0.0461
rs116166366	G	-0.112
rs10066865	A	0.0392
rs9895	C	-0.0337
rs115617551	A	-0.0757
rs115110154	C	-0.1102
rs74929657	G	0.0483
rs113082788	C	0.1408
rs41290553	A	-0.1608
rs17082088	A	0.1421
rs141534120	A	-0.0811
rs112490937	T	0.0927
rs34226861	G	0.0369
rs13158904	A	0.036
rs337104	A	-0.0481
rs75368393	G	0.06
rs114851674	A	-0.0726
rs77954436	G	-0.1326
rs28539026	T	0.0756
rs3095903	A	-0.0275
rs9918266	G	-0.0256
rs16874911	G	0.1114
rs62374736	C	-0.0498
rs66514130	G	-0.0232
rs1820717	C	0.0289
rs178146	C	-0.0594
rs72799274	T	-0.0436
rs28601600	T	-0.0232
rs2217265	T	0.0216
rs1828173	G	-0.0455
rs72798222	T	0.1358
rs114336609	A	0.0729
rs113886793	A	0.0372
rs2966752	A	0.021
rs10069011	T	0.0222
rs34471074	A	0.0457
rs66497446	G	-0.0431
rs10514276	A	0.0246

rs74873965	G	0.0884
rs115080184	A	-0.0832
rs1524565	A	0.0222
rs10461892	C	-0.042
rs6883960	G	-0.0512
rs34792681	G	0.0724
rs3099067	G	0.0466
rs298597	A	0.0265
rs112791932	T	-0.1505
rs147683092	A	-0.0759
rs954273	G	-0.0276
rs6872393	A	0.0585
rs4512111	A	0.0297
rs143666273	G	0.1832
rs56187062	C	0.1171
rs1183069	G	-0.023
rs1035467	C	-0.0223
rs75763539	A	0.0657
rs32831	C	0.0497
rs10075613	T	0.0235
rs3110972	T	-0.0599
rs145823949	A	0.0868
rs6580353	T	-0.0251
rs16903195	C	0.0881
rs76504641	G	-0.0434
rs35515495	A	0.0362
rs116099179	A	-0.1185
rs77884898	A	0.091
rs77356916	G	-0.1166
rs75594479	T	0.0658
rs76624497	T	0.0724
rs114805763	T	-0.1294
rs4976265	C	-0.0235
rs116635866	C	0.1432
rs35981402	T	0.071
rs41290569	T	0.1262
rs116687379	T	0.1156
rs1453360	T	-0.0215
rs252161	G	-0.0235
rs116492045	T	-0.0903
rs11956866	T	-0.0213
rs3749627	T	-0.0234
rs10214063	A	0.0281
rs9885124	T	-0.0867
rs17642976	G	0.094
rs76527501	C	0.0386
rs6872459	T	0.0319

rs148968114	G	-0.1286
rs78398614	A	-0.1267
rs330206	C	0.0422
rs401553	A	-0.0393
rs13165003	G	0.0687
rs75096835	A	-0.0716
rs115014357	A	0.1021
rs159728	T	-0.0394
rs11742035	A	-0.0474
rs7734540	A	0.0212
rs114705966	C	0.1029
rs62384593	A	-0.0749
rs182778	C	0.0223
rs17356099	C	0.0456
rs2545073	C	-0.0321
rs6895118	G	-0.0273
rs11743510	T	0.0849
rs78024211	G	0.0791
rs73244742	C	0.0598
rs6875431	A	-0.0868
rs80037764	G	0.1031
rs56081500	C	-0.0869
rs62337327	T	0.0696
rs74575614	A	-0.1032
rs138894992	C	-0.1304
rs116752538	C	0.1151
rs116156248	C	-0.05
rs7713312	G	-0.0282
rs144196863	G	0.1065
rs7701594	T	-0.0289
rs78632795	A	0.1287
rs149416233	A	0.0326
rs17224116	T	0.0322
rs113728742	T	-0.1293
rs149776789	G	0.1
rs75256520	A	-0.106
rs112913448	G	0.0278
rs116694254	G	-0.1244
rs78016682	T	-0.148
rs7708256	T	-0.0665
rs113259604	A	0.1309
rs72816627	A	0.1139
rs56284148	C	0.0871
rs140949563	T	0.0778
rs2511927	A	-0.0654
rs115960045	T	0.0729
rs2471155	T	0.0519

rs4131986	G	0.1214
rs34570808	G	-0.0277
rs114034962	T	-0.113
rs77934062	T	-0.1222
rs146786301	G	0.0918
rs258835	G	-0.0226
rs116669320	C	0.0702
rs115234459	A	0.08
rs17566351	T	0.0267
rs62396573	G	0.0554
rs13355160	T	0.1232
rs9686679	A	-0.034
rs145713138	A	0.0481
rs56340328	C	0.0821
rs13164401	A	0.026
rs77695336	A	0.1176
rs56266231	A	-0.043
rs4429819	T	0.056
rs76974205	A	-0.1365
rs17083735	C	-0.0458
rs10475117	G	-0.0263
rs9291848	A	0.0295
rs13153631	A	0.0301
rs17165328	T	-0.0736
rs6862721	A	0.0239
rs12188811	G	0.0337
rs77471216	C	-0.0317
rs78345014	T	-0.0973
rs62360399	A	-0.0335
rs10071281	C	0.0248
rs116434112	G	0.0731
rs12520471	C	0.0357
rs6865239	G	-0.0262
rs116101724	T	-0.1517
rs150796338	C	-0.1024
rs76066073	C	0.0763
rs313595	C	0.0266
rs7729507	T	0.0208
rs75616410	C	-0.0765
rs78537118	T	0.0608
rs3846534	A	-0.0235
rs114287281	G	-0.1903
rs116780328	A	0.0679
rs72732631	T	-0.0887
rs434130	T	0.0232
rs76822011	A	-0.1163
rs2457722	T	0.0228

rs116770480	A	0.0736
rs143788056	T	-0.1228
rs12657599	C	0.0701
rs148515035	A	0.116
rs79042882	A	0.0831
rs61227722	A	0.0368
rs75226111	C	-0.0472
rs6894765	C	0.0232
rs17768474	T	0.045
rs114429064	T	0.1327
rs56343304	T	-0.0522
rs55670260	G	-0.091
rs891921	A	0.0379
rs75598288	G	0.0984
rs72647765	C	0.1038
rs116376602	T	0.0631
rs79213598	C	-0.0592
rs1217806	G	0.0211
rs139757274	G	-0.0404
rs62356412	C	-0.093
rs16884711	C	0.0262
rs139435126	T	0.11
rs111690100	C	0.0821
rs149343830	G	-0.154
rs152628	C	0.0237
rs115328258	T	0.1132
rs75761138	C	-0.1018
rs2407211	G	0.0225
rs115260787	C	-0.0363
rs10052968	C	0.0307
rs147679094	A	0.0832
rs4704525	C	0.0249
rs114825991	T	0.1248
rs140529339	T	0.1493
rs2436404	C	-0.0371
rs7711578	T	-0.0208
rs34196215	C	0.032
rs17065069	T	-0.0319
rs72722925	A	-0.0331
rs72759790	A	-0.0549
rs112176488	G	-0.0605
rs79744520	T	-0.1663
rs408619	C	0.0252
rs116060611	G	-0.1283
rs72747285	C	0.0243
rs2372403	A	-0.0451
rs10070905	A	-0.0256

rs77017429	A	-0.0718
rs6867763	T	-0.0252
rs261137	C	0.0213
rs147719983	T	0.0401
rs17299506	A	-0.0274
rs1471154	T	-0.0343
rs76720867	A	0.0691
rs17354278	C	0.0719
rs6897621	A	-0.1072
rs112469821	C	-0.0823
rs17644636	G	0.0275
rs676689	T	-0.0223
rs74472993	T	0.1654
rs116507500	C	0.1124
rs115937409	T	0.1229
rs115764806	C	-0.1864
rs115502843	A	-0.0558
rs2937725	G	-0.0257
rs1799571	A	0.0376
rs34149265	A	0.0501
rs3111611	T	0.025
rs34538921	C	0.1487
rs6883971	A	0.0223
rs112900586	C	-0.0923
rs78587554	G	-0.0486
rs74450214	T	0.1193
rs1835045	C	-0.0203
rs6557031	G	-0.0268
rs13165883	A	0.0376
rs78231782	C	0.0451
rs3797288	T	0.0235
rs6891926	C	0.0217
rs3853121	T	-0.0217
rs7445500	G	0.0947
rs34301415	A	0.0348
rs2973533	G	0.0208
rs203309	A	0.0248
rs79139671	A	0.0802
rs252545	T	-0.0262
rs286000	G	0.0218
rs7710990	T	-0.0218
rs12521956	G	-0.1501
rs77356506	T	-0.0472
rs173054	A	0.0229
rs147575525	G	0.138
rs73300188	T	0.0577
rs62366398	C	0.0217

rs72779284	C	0.0402
rs73127689	C	0.1282
rs77065859	A	0.0556
rs76495826	C	-0.1788
rs11957970	A	0.0271
rs113277188	C	0.0656
rs112708733	G	-0.0658
rs79167220	A	0.1379
rs962686	C	0.052
rs16896949	C	-0.116
rs4386717	T	-0.0326
rs73810353	A	-0.0431
rs113455635	C	-0.1341
rs17155755	T	0.0462
rs115004203	A	-0.0917
rs149889732	C	0.1013
rs6580097	A	0.0397
rs971716	T	0.0264
rs111877031	A	0.0634
rs1396462	A	-0.0261
rs7711759	A	0.026
rs144913485	A	-0.0633
rs75178425	T	-0.075
rs406992	A	0.029
rs115160648	C	0.1098
rs10055822	T	-0.0913
rs28564484	T	-0.0216
rs247995	G	0.0361
rs4357015	T	-0.0328
rs62405548	T	0.1037
rs115586823	T	0.0549
rs11952888	G	0.0975
rs111701347	A	0.0952
rs113389783	T	0.078
rs2662334	A	0.0218
rs138683011	T	0.0894
rs150902001	T	0.0682
rs1363542	G	-0.0268
rs2287763	C	0.0262
rs2569049	T	0.0432
rs77274493	T	-0.0622
rs75739765	C	-0.0572
rs77773291	G	0.0736
rs77860636	G	-0.0964
rs318373	C	-0.0215
rs9313941	A	-0.0201
rs34891838	T	-0.1319

rs7730834	A	0.1225
rs111407262	A	0.1839
rs10476658	G	-0.0334
rs138969900	C	0.0599
rs72764837	G	0.033
rs1145055	C	0.0641
rs55645918	A	0.0717
rs60172775	T	-0.0249
rs77886352	G	0.0471
rs138679938	G	-0.1146
rs73780640	C	-0.0661
rs62373614	G	0.0263
rs11949431	G	0.0359
rs12189046	A	-0.1325
rs72802311	A	-0.1003
rs114659943	T	0.1164
rs7716514	A	0.1258
rs79041515	A	-0.0607
rs35508964	G	-0.1247
rs78216956	G	-0.0509
rs113656885	G	0.0519
rs7444312	G	-0.024
rs13181479	T	-0.0332
rs76015360	A	0.1549
rs3110993	A	0.0244
rs115718059	C	0.0994
rs112401261	T	-0.1019
rs75653787	T	0.1418
rs6876965	G	-0.0221
rs79452965	C	0.0937
rs4976288	A	0.0336
rs10515574	C	-0.0732
rs75933825	G	-0.0912
rs13167383	C	-0.022
rs35019626	G	0.0349
rs73300307	G	0.0927
rs1027248	T	-0.045
rs793222	T	0.0652
rs72647739	A	0.1086
rs62360975	C	0.0964
rs115110069	A	0.1415
rs62361641	A	0.0355
rs115247635	A	0.1344
rs72807356	A	0.0392
rs1598734	C	0.0224
rs76977233	A	0.0635
rs6893775	T	0.1641

rs17166991	G	-0.0483
rs73090210	G	0.0276
rs116321246	T	-0.1223
rs146230703	G	0.0794
rs138801397	C	0.0743
rs1422058	T	-0.083
rs6892187	G	0.0223
rs11134022	T	0.0214
rs142023621	T	-0.0798
rs10044140	T	0.0239
rs62388099	T	0.0236
rs116361197	A	0.1063
rs440583	C	0.0271
rs1319728	T	0.0269
rs12519711	A	0.0209
rs7722984	G	0.0945
rs35035730	G	-0.0592
rs74838555	T	0.097
rs7712194	G	-0.0281
rs2962642	G	-0.0242
rs315796	A	0.0459
rs16888608	A	0.0363
rs114562495	G	0.0795
rs17812877	C	0.0248
rs170603	A	-0.1743
rs710375	T	0.0215
rs884120	C	0.0322
rs72830345	C	-0.0618
rs114828442	C	0.0997
rs4302583	T	0.0214
rs62378415	C	0.0737
rs17076267	A	0.0445
rs16876939	C	-0.05
rs74968288	T	0.1634
rs17074068	C	0.0898
rs75202758	G	-0.0566
rs4867958	A	-0.0699
rs55947813	A	0.0587
rs384621	C	-0.0344
rs13355477	G	0.0226
rs116791268	T	-0.0806
rs73744043	A	0.1054
rs4701453	C	0.0257
rs34432044	T	0.0958
rs466154	A	0.0272
rs116493477	A	0.1402
rs10061669	A	-0.0243

rs16899194	C	-0.0775
rs113706598	T	0.1478
rs35812131	G	-0.0476
rs6877669	A	-0.0422
rs116341525	A	0.0835
rs76808777	C	0.0828
rs73801276	A	-0.0779
rs7735643	T	0.0547
rs17246578	A	0.0727
rs4252233	A	0.105
rs140238957	A	-0.1193
rs116601445	G	-0.0841
rs2053030	T	0.0249
rs55946739	T	0.0548
rs2984628	A	-0.0345
rs1173453	G	0.0259
rs10035896	A	-0.0456
rs16896822	G	-0.0297
rs72759882	C	-0.1095
rs13154141	T	-0.0464
rs150223647	T	0.0955
rs281441	C	0.0397
rs7712135	G	-0.0297
rs10085059	A	-0.0394
rs25767	A	-0.0225
rs4295416	G	0.0966
rs73065953	A	-0.0584
rs62365549	G	0.1105
rs111432819	C	-0.1147
rs12519768	A	0.0228
rs116021322	C	-0.0903
rs115033938	A	0.1432
rs1221847	A	0.0539
rs17075031	C	-0.0443
rs17196775	C	-0.1423
rs6888067	T	0.0336
rs141144862	T	-0.0581
rs56142455	A	-0.0301
rs61448329	T	0.0451
rs77131945	C	-0.102
rs114078227	C	0.0832
rs62355927	G	-0.0268
rs57518296	A	-0.0552
rs75506645	A	0.1148
rs141211372	C	-0.1192
rs1828614	G	-0.0256
rs111399799	T	0.1105

rs116333286	A	0.0879
rs337831	A	0.0885
rs80014354	T	0.0547
rs6881338	C	-0.0229
rs13164158	C	-0.07
rs62384377	C	-0.1057
rs10515241	T	0.0233
rs79305999	T	0.1082
rs35833	C	0.0294
rs76729154	A	-0.083
rs116736362	T	0.1123
rs62341027	G	-0.0271
rs13173482	G	-0.0431
rs17557312	T	0.1206
rs28326	G	-0.0257
rs12657010	C	-0.0247
rs4364369	A	-0.022
rs16875704	G	-0.0916
rs142242065	G	0.0751
rs138106021	T	0.0633
rs6880979	C	0.0204
rs10941472	A	0.0233
rs12516928	A	-0.038
rs115507637	T	0.0699
rs142464932	A	0.1088
rs7725455	T	-0.0271
rs2199466	T	-0.0205
rs72787459	A	-0.089
rs13174310	C	-0.0426
rs2338296	C	0.0205
rs1330656	T	-0.028
rs17063007	T	0.0386
rs116774745	G	-0.0726
rs80067969	C	0.1173
rs71627267	C	-0.0797
rs114208675	G	-0.1899
rs76623936	C	-0.1504
rs72835052	A	-0.048
rs16876026	G	-0.0387
rs1277463	A	-0.0479
rs17060307	C	0.032
rs73043322	T	0.0595
rs35590681	C	0.1282
rs112555014	T	0.1092
rs10155646	A	-0.0638
rs10058899	T	0.0298
rs77553016	T	-0.0845

rs2934131	T	0.063
rs2973112	A	-0.035
rs116439919	A	-0.075
rs115629837	C	0.1149
rs62382815	A	-0.0667
rs112662562	G	0.0317
rs56154830	C	-0.0316
rs2897457	T	0.0201
rs1039787	G	0.0291
rs62355960	T	0.0528
rs11739475	A	0.0203
rs7444996	A	0.0218
rs148326619	C	-0.2023
rs62330993	A	-0.0835
rs115038493	G	-0.0532
rs146577364	T	0.1029
rs143726108	G	0.0894
rs466522	A	0.0291
rs17651154	G	-0.0216
rs6451016	G	0.0208
rs16903170	C	0.044
rs75589997	T	0.0591
rs4895331	A	0.0322
rs10043551	T	0.0526
rs114557462	A	0.0989
rs114548064	A	0.1312
rs141658986	A	-0.1267
rs6861361	A	-0.0964
rs114249657	G	0.1098
rs10474498	C	-0.0213
rs56257788	G	-0.0294
rs141437903	C	-0.0928
rs114104716	T	-0.1562
rs25919	C	0.0297
rs2070715	T	0.0212
rs114469503	C	0.0637
rs75059452	A	0.0608
rs11949362	T	0.1124
rs151036165	G	0.1256
rs631607	G	0.0217
rs71639252	G	0.0784
rs80115428	C	-0.0943
rs4339351	C	-0.0493
rs34767607	T	0.047
rs257230	T	-0.1212
rs76168713	T	0.0869
rs2029526	C	-0.023

rs11740383	G	0.0393
rs55691649	C	0.0877
rs17079284	C	-0.0633
rs171099	A	-0.0506
rs7737823	T	-0.0394
rs17461542	A	0.0218
rs79063234	T	0.1242
rs11952975	T	-0.0225
rs72757702	A	0.1057
rs1826825	C	-0.1217
rs80166866	A	-0.0421
rs1010647	T	-0.1073
rs6875226	C	0.027
rs113281663	T	0.1162
rs62381665	G	0.0271
rs77534570	A	-0.0845
rs78189180	A	0.1461
rs143033020	A	0.1442
rs77475767	T	0.0703
rs35130	T	-0.1206
rs111282266	A	0.1246
rs144648725	T	0.0783
rs74537373	A	0.157
rs552519	T	-0.0234
rs6555119	G	0.0266
rs75111414	A	0.1248
rs151329141	T	0.0999
rs116051841	G	-0.1361
rs78726546	A	-0.1466
rs6868378	C	-0.1292
rs4339375	C	0.0723
rs34691283	G	0.0266
rs55936747	A	-0.1256
rs6894715	A	-0.0221
rs17163471	T	-0.0739
rs72802273	A	-0.1332
rs62357377	T	0.0205
rs78050973	G	-0.0639
rs78889454	C	0.0868
rs12332370	A	-0.0267
rs35577150	A	0.0409
rs113943922	T	0.0816
rs247165	G	0.0249
rs12514495	G	-0.0266
rs111849167	G	0.0227
rs922431	T	0.024
rs3776753	A	-0.03

rs76590304	A	0.0866
rs41298966	A	-0.0781
rs78836916	T	0.0397
rs17732981	C	0.0348
rs116159544	T	0.0783
rs72757581	C	-0.026
rs1478903	G	0.0213
rs2227828	T	0.0654
rs7729168	T	0.0207
rs430183	C	0.0251
rs13166574	G	0.0236
rs791075	A	0.0384
rs75367687	A	-0.0867
rs78800426	G	-0.1504
rs115514382	G	-0.0733
rs78875199	T	-0.116
rs62379538	G	-0.123
rs79637734	A	-0.104
rs72753478	A	0.0933
rs79951588	A	-0.1443
rs150797391	G	-0.1231
rs17105189	G	0.0635
rs72763074	T	-0.0432
rs112038804	A	-0.0622
rs55637384	A	-0.0786
rs11750155	C	0.0293
rs7735154	T	0.0396
rs111528711	G	0.06
rs142852154	T	0.0809
rs11953927	T	-0.0289
rs884356	C	0.0271
rs75516268	G	-0.1394
rs151003880	T	0.0546
rs147129603	C	-0.2176
rs170316	T	0.0272
rs10054636	T	-0.0222
rs2429307	G	0.0242
rs450399	G	0.1632
rs115236351	C	-0.1026
rs1428393	T	0.0201
rs62384265	T	-0.0456
rs10476849	A	-0.0531
rs146036368	A	-0.1119
rs146950191	A	0.0836
rs77885363	C	-0.1312
rs10475760	C	0.0634
rs75324676	C	-0.032

rs6555395	T	0.0649
rs35115113	T	-0.0634
rs55944951	A	0.1025
rs79080616	G	-0.1251
rs151240414	A	0.0962
rs77402464	A	0.0921
rs11744406	T	0.0436
rs62351982	A	-0.0626
rs150849021	T	-0.12
rs143913574	A	0.1303
rs76926736	T	0.0611
rs4866870	T	-0.0333
rs17200692	A	0.0463
rs11743830	A	-0.046
rs7726571	T	-0.0231
rs437987	A	0.0873
rs895301	G	-0.0336
rs10085020	G	0.037
rs114825995	T	-0.1004
rs17589815	T	0.1398
rs116009835	T	0.0828
rs142511886	G	-0.1051
rs11135051	T	0.0286
rs146468915	T	-0.0218
rs116292983	C	0.071
rs2731665	T	0.0209
rs116029312	T	0.0915
rs74555722	T	0.1634
rs62357017	G	0.1505
rs16891337	G	0.0392
rs2287672	T	-0.0221
rs76235620	G	-0.1324
rs11955080	A	0.0566
rs77520624	A	0.1178
rs4976278	C	-0.0307
rs6889194	C	0.0265
rs77740621	A	0.0801
rs431448	C	0.0758
rs11750023	A	0.0999
rs74326323	T	-0.0405
rs112065214	A	-0.0948
rs75271155	T	0.0489
rs115636073	C	-0.0948
rs11749307	A	-0.0417
rs6888920	T	-0.0236
rs7730728	T	0.0201
rs58433852	T	-0.042

rs72811600	T	-0.0927
rs141097160	T	0.0325
rs114739423	A	-0.0819
rs6889519	A	-0.0253
rs140372034	A	0.0776
rs13168460	T	0.066
rs146223266	A	-0.1306
rs58743615	C	0.0662
rs10070654	T	0.0228
rs79253704	A	-0.0934
rs73782012	C	-0.0651
rs11742135	C	0.0595
rs17117165	C	0.0482
rs113323712	C	-0.0909
rs78090931	C	-0.0485
rs1494608	A	-0.0657
rs146548695	A	0.1124
rs572192	C	0.0238
rs79712354	A	0.097
rs72791298	T	0.1372
rs35976559	T	-0.0621
rs72748067	C	0.0595
rs16878747	C	-0.1378
rs78401485	T	0.0692
rs11953302	A	0.0621
rs9885316	G	-0.023
rs7707030	C	0.0239
rs115123109	G	0.0641
rs17396761	A	0.0325
rs146194295	G	-0.0963
rs78513507	T	0.0569
rs75074281	A	0.0638
rs7713243	T	0.0209
rs114635591	C	0.0947
rs6883285	G	-0.0575
rs1055975	G	-0.0879
rs1422415	T	-0.0219
rs77805361	C	-0.1129
rs72777429	A	0.0628
rs408075	G	0.0218
rs114099443	C	0.1095
rs3860761	C	0.0218
rs331742	G	0.0274
rs79718394	A	-0.0522
rs1863956	G	-0.0202
rs78791299	C	-0.0561
rs72814728	T	-0.1058

rs11747312	C	-0.1094
rs72739439	C	-0.0681
rs59134524	C	0.0457
rs76778372	G	-0.0302
rs115762831	T	0.1008
rs75759774	T	-0.0765
rs62382598	A	0.0247
rs74489965	T	0.0861
rs1990892	A	-0.0237
rs115971241	A	-0.2066
rs4532407	A	-0.0257
rs149929033	T	0.1602
rs16882239	C	0.0518
rs78566823	G	-0.0233
rs116546796	T	0.0996
rs56279810	T	0.0534
rs17146783	C	-0.0322
rs72773046	C	-0.0745
rs77710699	C	-0.0745
rs10513010	A	0.0352
rs6883451	A	-0.0611
rs59691507	T	0.0302
rs78781243	A	-0.1149
rs116338317	T	-0.0457
rs75712578	G	-0.1686
rs1496294	T	-0.0244
rs79148429	T	-0.0885
rs12654661	A	0.0199
rs12657061	C	0.0229
rs4868774	G	-0.0265
rs111984203	T	0.0993
rs72713502	C	0.0351
rs76971538	A	0.0703
rs73758533	C	-0.1536
rs66489335	T	-0.0531
rs16879328	T	0.0817
rs17640574	A	-0.0278
rs34528346	G	0.0371
rs4976691	C	0.0263
rs67428898	T	0.022
rs112411697	A	0.1726
rs1330657	A	-0.0309
rs143865212	T	0.0936
rs12514487	T	0.043
rs144943223	A	0.1066
rs144037047	C	-0.0944
rs868531	A	0.0246

rs62380073	G	0.023
rs57917647	T	0.0818
rs72760644	G	-0.0295
rs11740481	G	0.0317
rs2112536	C	0.0211
rs1471107	A	0.0198
rs329174	A	0.0199
rs142807220	T	0.1599
rs6871858	A	0.0536
rs695905	A	0.0201
rs10060668	C	-0.0322
rs149697749	G	0.0853
rs2915802	C	0.02
rs114064433	T	0.0943
rs2656848	A	0.0403
rs113199965	T	-0.0911
rs11957769	T	-0.0295
rs17377080	G	-0.0301
rs7706207	C	0.1138
rs272188	G	0.0213
rs80087214	G	-0.0771
rs155982	G	0.0369
rs115147710	T	0.0703
rs72835360	G	-0.1041
rs10062923	A	0.0273
rs113295181	T	-0.0696
rs72720942	T	-0.0842
rs7720897	A	0.0233
rs139003215	A	0.0762
rs75197749	C	-0.14
rs71588794	C	0.0378
rs995620	C	-0.0194
rs13355051	A	-0.0216
rs141365544	C	-0.1126
rs10471750	G	-0.0258
rs150924	C	0.0314
rs147352878	G	0.097
rs11739589	T	0.0283
rs140155481	G	-0.1345
rs116267579	A	0.1081
rs10214210	T	0.0548
rs62355671	T	-0.1433
rs146732791	T	-0.0902
rs77414237	A	-0.0906
rs597099	T	0.0298
rs150236532	T	-0.1349
rs9688069	G	-0.0299

rs72804123	T	0.1052
rs144617589	A	0.1348
rs7701911	A	-0.0368
rs4519924	T	0.0294
rs61261876	G	-0.0894
rs382444	T	0.0395
rs902522	A	-0.0208
rs72737462	G	0.1666
rs74530757	A	0.0845
rs79537984	A	0.0819
rs78669032	A	-0.07
rs116062216	T	-0.0866
rs10037405	G	0.0197
rs7714393	C	0.0211
rs10076118	C	-0.1443
rs73139386	C	0.0341
rs74884811	T	-0.0318
rs639617	T	-0.0251
rs4499861	C	-0.0463
rs6556215	C	0.0261
rs62364653	G	0.1244
rs318659	G	-0.0203
rs141632266	T	0.1313
rs115454495	T	-0.0712
rs251537	A	-0.0779
rs59123240	A	-0.1188
rs141115794	A	-0.1306
rs112614793	C	-0.0541
rs4836261	T	-0.0295
rs79861969	A	-0.0443
rs2962313	G	-0.0402
rs17566960	A	0.0528
rs114326187	T	-0.0714
rs56045542	G	0.0369
rs72737774	T	0.1643
rs34913150	A	0.023
rs79303646	C	0.0411
rs61604648	C	0.0363
rs79307958	A	0.0533
rs11960685	A	0.0393
rs79411483	C	0.0846
rs2649696	C	0.0208
rs116420237	T	0.0885
rs6889422	G	-0.0215
rs158084	T	0.0527
rs159727	A	0.0649
rs2455403	G	0.0279

rs115119245	A	-0.0827
rs281453	C	0.0392
rs10866715	C	0.02
rs7727067	A	-0.0283
rs62342681	T	0.2129
rs28463448	G	0.0789
rs149224989	T	0.0834
rs17218427	G	0.0818
rs979666	A	-0.0245
rs1609445	T	-0.0252
rs74700822	G	0.0433
rs76418630	G	-0.1344
rs149095688	G	-0.168
rs73047751	A	0.0386
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rs10075762	A	0.0951
rs2964912	G	-0.0281
rs297543	C	0.0425
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rs11741865	T	0.0367
rs4395682	T	-0.02
rs116570012	T	0.1164
rs10043773	T	0.0716
rs72755455	T	-0.0324
rs4443404	G	-0.0298
rs11954685	T	-0.0323
rs11953164	C	0.0204
rs74905733	A	0.1049
rs112944794	A	0.0719
rs140806892	A	0.124
rs11747055	A	-0.0214
rs5012863	A	-0.0308
rs2963062	T	-0.0366
rs7726910	T	0.0259
rs11134256	G	0.0196
rs77589906	T	-0.0544
rs275026	A	0.0648
rs62370317	C	0.0595
rs1422450	T	-0.0198
rs61649471	G	-0.0656
rs114392469	G	-0.0546
rs80001540	G	0.0609
rs7715173	C	0.0233
rs115440884	T	0.1395
rs72764091	C	-0.0488
rs1673140	A	0.0201
rs4143487	A	-0.0269

rs2963753	A	0.0292
rs75198179	A	-0.0919
rs448373	A	-0.0194
rs115509548	T	-0.1126
rs10941035	T	0.0324
rs35232491	C	0.0214
rs114303660	A	0.0962
rs4438855	T	0.0397
rs3810859	A	0.0226
rs143003219	C	-0.0736
rs73333727	T	0.1355
rs6885199	A	-0.0954
rs139749854	A	-0.0831
rs78088236	C	0.0583
rs138621118	T	0.0854
rs246791	T	0.1456
rs73283390	G	-0.0446
rs28390199	T	-0.1258
rs1976826	T	0.0849
rs112742236	A	-0.1523
rs143662186	G	0.1504
rs871269	T	-0.022
rs28581532	A	0.0708
rs114117044	C	0.0674
rs116271371	G	-0.1179
rs72785251	C	-0.1036
rs35949573	A	0.1013
rs144120518	A	0.1288
rs11745951	A	0.0363
rs6870478	C	0.0313
rs147905543	A	0.1271
rs10515627	C	-0.0284
rs12188682	T	0.1423
rs147466443	A	-0.155
rs114322326	A	0.1076
rs17222002	A	0.1127
rs56082332	G	0.0279
rs111789476	A	0.0968
rs190292	G	-0.0239
rs147670804	A	0.0979
rs1451575	G	0.0234
rs10515762	T	0.0458
rs61128629	G	-0.0236
rs62376904	A	-0.0856
rs11742902	T	0.0385
rs74882902	C	-0.191
rs6864338	C	-0.0225

rs111697046	G	0.0689
rs114965194	A	0.1443
rs139690135	T	0.0415
rs10063588	T	-0.0629
rs157481	T	-0.021
rs384267	G	0.0227
rs116593612	C	-0.1091
rs114986020	A	-0.0948
rs2088670	G	0.0374
rs115873785	C	-0.0845
rs148119793	T	0.0796
rs17517197	G	0.0291
rs139710633	G	-0.0648
rs16880521	C	-0.0898
rs4397112	C	-0.0239
rs11749082	T	-0.1168
rs138512084	T	0.1485
rs6890956	G	0.0518
rs3777121	A	-0.0325
rs59853497	G	0.0297
rs9313379	G	0.0202
rs35945713	G	0.0244
rs72768066	C	-0.0664
rs62376007	A	0.0254
rs115958428	A	-0.1293
rs1185740	T	-0.0227
rs113019087	T	-0.0587
rs1946267	A	0.0306
rs2202526	A	-0.043
rs7714589	C	-0.0423
rs2913869	G	-0.0221
rs1592907	A	-0.0194
rs10516057	C	0.0318
rs80259092	A	-0.0768
rs6880986	A	0.021
rs347353	G	-0.0194
rs79951022	A	-0.112
rs113655944	T	0.0756
rs116254855	T	0.119
rs112700944	A	-0.0248
rs385454	A	0.0692
rs116327243	A	0.0637
rs17589766	T	0.1231
rs16877249	C	-0.0583
rs73788932	A	-0.1177
rs74887137	T	-0.1191
rs723218	T	-0.0245

rs72776333	T	-0.062
rs115972051	A	-0.1107
rs72818031	G	-0.05
rs113046930	G	-0.1034
rs141161634	G	-0.1127
rs6450995	G	-0.0668
rs335195	A	0.0447
rs10056011	C	0.0673
rs114353277	T	-0.0604
rs261115	A	-0.0203
rs2088732	T	0.0202
rs147661169	A	0.1228
rs111310512	T	-0.0858
rs4639245	T	0.0958
rs16903045	G	0.0782
rs112694713	G	0.087
rs145575509	C	0.1448
rs139162785	A	-0.0819
rs11567998	G	-0.1015
rs77978007	A	-0.0731
rs77057252	A	0.048
rs73042787	C	0.0955
rs111906832	C	-0.1171
rs35547049	T	-0.0705
rs11952583	A	0.0411
rs1439595	G	0.0199
rs28445651	A	-0.0632
rs2937452	T	-0.0243
rs80027342	G	-0.1756
rs75510438	G	-0.1415
rs111905227	G	0.061
rs6868410	G	-0.0238
rs76027152	A	-0.0506
rs75089632	A	0.1304
rs10064630	T	-0.0317
rs76769197	A	-0.1068
rs62348735	T	-0.1087
rs3900460	T	0.0494
rs141113556	G	-0.1121
rs114601922	T	0.0474
rs114101580	A	-0.0683
rs76673082	A	0.0449
rs76450343	T	0.0963
rs116408101	A	0.1102
rs11740964	G	0.0703
rs113974483	G	0.0569
rs77762888	T	-0.0358

rs12521940	G	0.0226
rs80075421	C	0.0743
rs75846086	A	-0.0519
rs112459382	T	0.0974
rs12652968	G	0.0198
rs17260787	T	0.0628
rs17590975	C	0.0448
rs79942004	C	0.0587
rs10066634	A	0.0202
rs35429128	G	-0.023
rs17417644	C	0.1417
rs294711	G	-0.051
rs7725982	C	0.0253
rs10050980	A	-0.023
rs140880575	C	0.0926
rs6874368	C	-0.0202
rs17137035	C	-0.0828
rs116171579	T	-0.0702
rs10050568	G	-0.0223
rs245071	T	0.0833
rs17501044	G	-0.0555
rs114286107	T	-0.0868
rs115351622	A	-0.0812
rs13188074	A	0.0194
rs76550495	C	0.106
rs75253829	A	0.0651
rs12189445	G	0.0194
rs62385070	C	-0.1152
rs75617348	C	0.1184
rs10472394	C	-0.0196
rs140809897	A	-0.0869
rs138753242	A	0.0743
rs6600948	T	0.0214
rs2967820	G	-0.0266
rs76217431	T	0.0357
rs17654427	C	0.0372
rs142025792	G	-0.1175
rs2445805	C	-0.0243
rs1045392	A	-0.0272
rs114925391	G	0.0504
rs62368101	C	-0.0351
rs77433527	T	-0.0873
rs4700986	T	-0.0297
rs148356586	G	-0.0729
rs28647467	G	0.0914
rs12518835	G	-0.042
rs79526925	T	-0.1031

rs79891685	C	-0.0869
rs111397382	G	-0.0574
rs10064462	T	-0.1086
rs76122881	T	0.0324
rs72798400	T	-0.1256
rs62393033	A	-0.0364
rs62337495	G	0.0212
rs76276378	T	-0.0947
rs397649	T	0.024
rs4081576	T	-0.0335
rs10039597	C	-0.0234
rs12187141	G	-0.0199
rs11738209	A	-0.0462
rs114096471	A	0.0989
rs116171571	A	0.1581
rs72791362	C	0.0595
rs144829685	A	0.0864
rs72811547	C	0.0701
rs4585472	T	0.0289
rs78994221	T	0.0719
rs72833342	T	-0.0881
rs72835209	A	-0.0409
rs79838921	G	0.1316
rs1027653	G	-0.043
rs930523	A	-0.0643
rs12516582	A	-0.0196
rs10471676	G	-0.0357
rs112983953	A	-0.1433
rs13354547	A	0.0241
rs2287934	A	0.0305
rs114449308	T	-0.11
rs78830679	C	-0.0964
rs293058	T	-0.0226
rs13173742	A	-0.0197
rs17851288	T	0.101
rs1559098	T	-0.0425
rs17110660	C	-0.0748
rs140306448	A	0.0822
rs10805422	G	0.0331
rs2973743	C	0.037
rs151218391	C	-0.1404
rs249251	G	-0.0401
rs58184555	C	-0.0381
rs141313810	G	0.1029
rs10051337	C	-0.0283
rs76348718	C	-0.0904
rs7705914	C	0.1235

rs28503890	G	-0.1368
rs76142137	G	-0.057
rs17132482	A	-0.0363
rs115925249	A	-0.1689
rs919757	T	-0.0334
rs17770324	A	-0.0254
rs79677303	C	0.0407
rs62380294	A	-0.0679
rs143363029	G	0.0877
rs80010034	T	-0.0832
rs581914	G	0.0194
rs113599834	A	-0.041
rs143282708	T	-0.0873
rs77515126	G	-0.0354
rs17147449	C	0.0295
rs2161305	A	-0.0213
rs80330120	A	-0.0394
rs271407	A	-0.032
rs4524512	T	0.0595
rs66479188	T	0.0778
rs141849916	T	-0.0911
rs17096539	C	0.0593
rs6450877	A	-0.0258
rs77492162	C	-0.0996
rs72720028	C	0.0368
rs4704059	A	-0.0239
rs141270303	A	-0.1266
rs634234	A	0.0472
rs35623831	T	-0.1121
rs57395697	C	-0.0542
rs11743450	T	0.0785
rs79680734	G	-0.054
rs76321204	C	-0.0993
rs71597323	G	-0.0525
rs77478288	A	0.0395
rs111858761	A	0.1133
rs12153246	T	-0.0241
rs7715637	A	-0.0249
rs10462003	G	0.0297
rs2662042	T	0.0434
rs74474009	G	-0.1039
rs10063674	C	-0.0279
rs114693368	T	0.1114
rs72819098	C	0.0596
rs72768752	T	-0.0502
rs56123342	C	-0.045
rs250212	A	-0.0553

rs17886031	G	-0.0809
rs72775043	G	-0.1145
rs72795292	T	0.0242
rs6870218	C	-0.0362
rs12655401	G	-0.0271
rs1405907	C	-0.021
rs2964481	C	0.0222
rs12109364	G	-0.0282
rs60756335	A	0.0524
rs4601059	T	0.0397
rs10077809	A	-0.0331
rs147617022	G	-0.0656
rs2526115	A	-0.0322
rs71627074	A	0.07
rs6873579	G	-0.0287
rs77568798	T	0.0738
rs147916361	T	0.1321
rs11739782	A	-0.0279
rs13161510	G	0.0799
rs13166952	G	-0.0313
rs78620177	G	-0.1177
rs72782885	A	-0.0989
rs7702041	C	-0.0202
rs11743690	A	0.0863
rs35316183	A	0.027
rs6601054	T	-0.0333
rs142144219	A	-0.0945
rs28440900	T	-0.0266
rs78566312	T	0.0497
rs2548246	G	-0.0258
rs260994	T	0.0238
rs116231328	A	-0.1679
rs6890708	C	0.0595
rs114080641	A	-0.0693
rs68157929	C	0.0238
rs77500562	A	-0.0687
rs17685073	A	-0.0639
rs77627814	A	0.0628
rs114323392	A	-0.1046
rs399731	T	0.0263
rs116660113	T	0.1075
rs76604815	A	-0.1421
rs149174120	A	0.1063
rs353297	A	-0.0297
rs1833798	A	-0.0351
rs62357253	C	-0.0349
rs10044299	C	-0.0589

rs56233804	A	-0.0355
rs35024371	G	-0.0766
rs11742147	T	0.0248
rs62376492	C	0.0645
rs115229463	T	0.1197
rs35823	T	-0.0202
rs248141	A	-0.0381
rs6898137	T	0.0353
rs115743216	T	0.0536
rs169765	A	0.0203
rs34627668	A	-0.0289
rs62377213	C	0.0554
rs17077197	G	0.0443
rs56707337	A	0.1246
rs148930845	G	0.1365
rs76960400	A	-0.0584
rs78248401	C	0.1345
rs2243551	G	-0.1511
rs80273656	A	-0.0632
rs16896895	T	0.0784
rs76115441	T	0.1092
rs111236621	T	0.1334
rs7378587	G	-0.0357
rs11952498	T	0.0205
rs6453433	T	-0.0977
rs1530812	G	-0.0188
rs13359779	A	0.0468
rs75341480	C	0.0877
rs12153809	A	-0.0305
rs6876546	T	0.0746
rs80313501	T	-0.0677
rs148040944	A	-0.0833
rs72741706	A	-0.03
rs7729718	C	-0.0191
rs72779482	C	-0.0878
rs9285885	A	0.0194
rs144453106	T	0.0905
rs4703527	G	0.0579
rs1644387	A	0.0965
rs114898031	G	-0.1025
rs10077307	G	0.0418
rs114709432	T	-0.0748
rs265429	A	-0.0751
rs116541671	A	0.0939
rs115983025	T	0.0794
rs4869057	A	-0.0823
rs3804449	T	0.0207

rs76640109	A	-0.0874
rs10067667	C	-0.1641
rs143623684	T	0.0904
rs294706	A	-0.0202
rs10071708	C	-0.0716
rs149155019	A	-0.0998
rs12188125	G	0.0225
rs4868176	G	-0.0311
rs11749838	C	0.0221
rs150789474	T	-0.1184
rs3822357	T	0.0405
rs77801191	A	0.1625
rs16871599	G	0.0237
rs72794881	A	0.0358
rs10053699	G	0.0225
rs36086	T	0.0705
rs72810750	C	0.0458
rs116072091	C	-0.0954
rs7728258	T	-0.0196
rs32819	A	-0.0518
rs3822432	G	0.019
rs12153332	A	-0.0315
rs16868385	C	-0.0234
rs26054	A	-0.0296
rs140170213	A	-0.0959
rs10461576	T	0.0203
rs2946166	C	0.0186
rs35718944	A	-0.0321
rs147315809	C	0.072
rs76082881	T	-0.0813
rs142556671	G	0.1488
rs13154867	T	0.0241
rs142350716	T	-0.1276
rs10214283	G	-0.0512
rs12515243	G	0.0275
rs116406903	A	0.0865
rs149521914	A	-0.1071
rs140197905	T	-0.0923
rs6860584	A	0.0549
rs62378328	C	-0.0932
rs116061214	T	-0.0804
rs6866017	G	-0.0243
rs6872736	G	0.1272
rs2287673	G	0.0342
rs6899114	G	0.0246
rs75503721	C	0.1089
rs114090611	C	0.1295

rs147924755	G	0.1203
rs17160700	T	-0.0356
rs35952	C	0.0266
rs116585597	C	0.0925
rs10039034	T	0.0236
rs6594609	T	0.0762
rs114200915	G	-0.0654
rs56256748	C	0.0752
rs78087274	C	-0.1431
rs4701169	G	0.0371
rs62367725	A	-0.0298
rs73786417	C	-0.1278
rs115438639	T	0.1471
rs12189516	T	0.1296
rs111355115	G	0.0911
rs80007798	A	-0.1586
rs32079	T	-0.0687
rs112905166	A	0.0734
rs13160143	G	-0.0412
rs76732650	A	-0.0442
rs71636085	A	0.1093
rs143699848	C	0.0892
rs116585830	C	-0.0992
rs10045505	A	0.0435
rs114942211	T	0.125
rs79806124	C	0.0418
rs72813165	G	0.1328
rs147034280	T	-0.1747
rs114584323	C	-0.1147
rs10064124	G	-0.038
rs1035961	C	0.0379
rs115114547	T	-0.0901
rs10793831	C	0.0215
rs115959533	T	-0.1027
rs66841274	C	0.0202
rs76073772	T	-0.0533
rs7731053	C	0.0285
rs149734429	T	0.0653
rs13190140	T	-0.067
rs34218	T	-0.0231
rs149298152	A	0.1074
rs138637107	A	0.0863
rs7380230	G	0.0196
rs17205894	C	-0.0364
rs74850119	A	-0.0427
rs2916626	T	0.0516
rs76553140	C	-0.1128

rs56063233	G	-0.0686
rs11948828	A	0.0219
rs731891	T	0.0198
rs62365715	A	0.1176
rs17718975	T	-0.1
rs111473293	C	0.0891
rs17642472	A	-0.0367
rs6867165	A	0.0565
rs62377802	T	-0.0356
rs139463183	T	0.0753
rs78138091	T	-0.1255
rs114519967	A	-0.0886
rs62369493	T	-0.076
rs1393252	C	-0.0271
rs4704591	C	-0.0196
rs9327063	A	0.0319
rs727432	T	-0.0207
rs146649413	T	-0.1525
rs7724569	A	-0.0624
rs2591454	G	0.0307
rs79436016	G	0.0796
rs142195087	G	-0.0318
rs6876914	G	0.0203
rs140470110	A	-0.1242
rs27827	A	-0.0222
rs2530905	C	0.0239
rs62352434	A	-0.0453
rs11742064	G	0.0923
rs17060182	G	0.0249
rs72818994	C	-0.047
rs1568212	T	-0.0368
rs115884625	G	-0.0659
rs6889222	T	-0.0545
rs114612102	T	-0.0932
rs111542764	G	-0.1018
rs72761500	G	0.1019
rs4093977	C	0.0987
rs11750638	G	0.0234
rs4702250	A	0.033
rs73758614	G	-0.0451
rs306076	T	0.027
rs6879140	A	-0.0192
rs6881005	T	0.028
rs10440734	G	-0.0197
rs1011220	T	-0.0207
rs16868778	A	0.0469
rs79327132	T	-0.1168

rs1443096	G	-0.0232
rs116368335	A	-0.0585
rs112571747	A	-0.0664
rs138102861	A	0.0392
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rs116829588	T	0.0414
rs7706787	T	0.0356
rs77226946	T	-0.0648
rs10072565	C	-0.0415
rs75816854	A	-0.0992
rs35715923	T	-0.0259
rs144496345	A	0.1087
rs114927543	A	0.0677
rs72754127	A	0.0455
rs10479128	C	-0.0214
rs1445793	T	-0.0345
rs662720	C	0.0624
rs67456472	T	0.0374
rs77535619	G	-0.0987
rs150896638	C	0.168
rs149236462	A	-0.1052
rs143944341	A	0.1426
rs13357887	A	-0.0669
rs145117434	A	-0.0825
rs141378005	A	-0.1714
rs16896209	T	0.0312
rs6881897	C	0.06
rs33911714	T	-0.0811
rs6866817	T	0.0329
rs146820761	T	-0.0755
rs252077	T	-0.022
rs75370726	A	-0.1566
rs6556504	A	-0.0242
rs79436444	A	-0.1382
rs77236997	T	-0.0406
rs62355574	T	0.0874
rs16902802	T	-0.0608
rs144684612	A	0.1548
rs17735123	C	-0.0267
rs79492803	T	-0.0468
rs113706654	T	0.0277
rs142931941	T	0.1314
rs11957627	A	0.0856
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rs6876365	T	0.0776
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rs11957239	G	0.0601
rs77088264	G	0.0896
rs58048648	C	0.0551
rs6866397	T	-0.0329
rs114809461	T	0.0975
rs10461828	A	-0.0359
rs112046627	A	0.139
rs11134923	A	0.0193
rs13175466	G	-0.0445
rs13161454	C	-0.0968
rs139750364	A	-0.1329
rs141840773	A	-0.1764
rs62345579	T	0.125
rs72635232	A	-0.0401
rs1455023	C	0.0238
rs72703154	A	-0.1416
rs75354858	A	0.1054
rs6868361	T	-0.0212
rs114439297	A	0.128
rs2731656	G	-0.0653
rs734618	A	0.0246
rs115336703	T	-0.0883
rs112927678	C	-0.0377
rs111601836	T	-0.0476
rs10065912	G	-0.0412
rs62371989	A	-0.0809
rs6449637	A	0.0197
rs12518812	T	-0.0214
rs74981057	G	0.1432
rs78505982	T	-0.0505
rs58355514	T	0.0192
rs10073956	G	-0.0216
rs11738725	A	-0.0494
rs113210485	T	-0.0944
rs115259994	T	-0.0908
rs115058576	A	-0.0651
rs32198	A	-0.0264
rs72767928	T	-0.093
rs1549192	C	-0.0216
rs34302973	T	0.0199
rs2972337	A	0.0276
rs115184596	C	0.0648
rs77695718	A	-0.092
rs78658924	C	-0.0539

rs9313042	T	-0.0337
rs111622158	G	-0.0379
rs151316500	T	-0.1079
rs4958153	C	-0.021
rs75979119	C	0.065
rs1450829	G	0.0347
rs1847020	A	0.1356
rs13357023	T	0.1137
rs76098844	T	-0.0484
rs35959012	G	0.0613
rs351854	T	-0.1581
rs115262501	C	-0.0844
rs10060708	C	-0.0843
rs7723542	A	-0.0354
rs115150723	A	-0.1221
rs115697419	G	-0.0684
rs13158321	A	0.0371
rs35582898	A	-0.0536
rs147582765	G	-0.041
rs10044844	A	-0.0436
rs62370890	G	0.1007
rs13164435	G	-0.0237
rs17860510	G	-0.0588
rs11746292	G	0.0247
rs117472072	A	0.1336
rs440396	T	-0.0379
rs77780265	C	0.1014
rs115350141	T	-0.1049
rs143557356	T	0.1349
rs138245698	C	-0.0403
rs4701455	A	-0.029
rs142800864	C	-0.1424
rs4976141	T	-0.0291
rs56147374	G	-0.1541
rs77660989	T	0.1497
rs17284044	G	-0.0208
rs77357125	A	-0.0659
rs11745082	T	0.0947
rs13177954	T	-0.0269
rs145624674	C	-0.1847
rs115085814	A	-0.0693
rs6887605	T	-0.0199
rs251312	T	-0.0191
rs116536950	C	-0.0881
rs4700745	A	0.0207
rs59460189	C	0.0697
rs253127	A	0.0211

rs80053453	T	0.034
rs2367279	G	0.0325
rs17157132	G	-0.0649
rs1421746	G	0.0191
rs79413851	T	-0.0604
rs138354137	T	-0.0559
rs2547906	G	-0.0655
rs6879168	T	0.0317
rs77194111	T	-0.0919
rs155788	C	0.033
rs16897511	C	-0.0224
rs142257713	A	0.1117
rs6877107	C	-0.0189
rs71603662	C	0.0351
rs16870825	T	-0.0734
rs17510653	A	0.0215
rs36138	A	-0.0299
rs13153584	T	-0.0184
rs72835829	G	-0.0717
rs140172505	C	0.0871
rs77274344	G	0.1191
rs80158412	T	0.1409
rs329321	G	0.0205
rs80101290	T	0.0409
rs76586619	A	-0.0393
rs58473287	A	0.0491
rs34756	A	0.0207
rs12657525	G	-0.0224
rs10042985	A	0.0185
rs62369880	C	0.1073
rs115254796	G	0.096
rs62374514	C	-0.0263
rs72733441	G	0.0391
rs60734136	G	0.0553
rs55869701	T	0.0481
rs10041050	C	0.0204
rs16874620	T	0.0731
rs144843793	T	-0.065
rs76696170	G	-0.0711
rs12658379	C	0.0187
rs79919966	A	-0.1388
rs114452608	A	-0.0375
rs890769	T	0.059
rs72730531	C	0.0579
rs6887860	C	0.0876
rs61732050	A	0.0681
rs77287813	C	-0.0483

rs17645160	T	0.0383
rs72797892	C	-0.0886
rs2731957	G	-0.0204
rs140373830	G	-0.0234
rs75758164	A	0.0567
rs11958570	A	0.0222
rs142148160	G	-0.1568
rs79537711	C	-0.1007
rs77551862	G	0.0833
rs4701616	C	0.0208
rs67157132	T	0.0983
rs116258033	C	-0.0495
rs7715176	T	0.0782
rs73741392	C	0.0492
rs17670556	A	0.057
rs115573942	G	0.1159
rs142483645	A	0.1575
rs7356681	G	-0.0323
rs78185913	A	-0.1059
rs143643213	T	-0.0856
rs79480743	G	0.0934
rs11167695	A	-0.0211
rs72814595	T	-0.0234
rs13181223	A	0.0351
rs7723348	C	0.0199
rs4868527	G	-0.0202
rs10080049	G	-0.02
rs62353081	C	-0.2037
rs6453459	G	-0.0222
rs6863312	G	-0.1005
rs25863	A	0.0183
rs1347156	C	0.037
rs1424908	A	-0.0185
rs10053880	C	-0.0229
rs150695872	A	0.0524
rs116200464	G	0.0681
rs7704722	A	-0.0476
rs4702472	A	-0.0668
rs112145625	A	0.0245
rs161944	T	-0.1102
rs163305	C	0.0312
rs10056264	T	0.0491
rs142562168	T	0.111
rs62371885	A	0.0979
rs72775168	C	-0.0403
rs62370339	C	0.0773
rs246852	T	-0.0287

rs265975	T	-0.0199
rs77206166	G	-0.0832
rs17283932	G	-0.0329
rs715692	C	0.0294
rs17113912	G	0.0235
rs744048	G	-0.0212
rs137921573	G	-0.0827
rs146190812	G	0.0748
rs381638	A	-0.0189
rs141299264	C	0.1668
rs411585	T	-0.0248
rs28730886	C	0.1057
rs146541189	A	-0.0922
rs76905085	T	-0.0872
rs79882551	A	0.0658
rs28540272	G	0.0194
rs56070750	T	-0.0384
rs13166845	A	-0.0678
rs143788170	T	0.0701
rs11249682	C	0.0209
rs78064730	C	0.1281
rs30120	C	0.0206
rs17267245	C	-0.1084
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rs2421530	T	-0.0311
rs116574759	C	0.0867
rs297450	A	0.0216
rs116414876	T	0.1183
rs145275389	A	0.0599
rs7719422	C	-0.0407
rs249009	C	0.0191
rs1199641	A	0.0862
rs116350144	T	-0.0598
rs77580839	A	-0.0498
rs75734012	T	0.1394
rs41304894	C	0.0836
rs2278008	C	0.0234
rs113511234	A	0.0766
rs17647191	A	0.0374
rs6861190	C	-0.0628
rs144760999	G	0.1091
rs13152924	C	-0.0583
rs17285982	C	0.0337
rs114609598	A	0.0866
rs78518174	A	-0.1061
rs77147416	C	0.1069
rs4867154	C	0.0209

rs72765604	A	0.0895
rs62364113	T	-0.0549
rs72810163	A	-0.0232
rs3798028	T	-0.0207
rs62357370	T	-0.1254
rs1023926	A	-0.0641
rs17686707	G	0.1393
rs13159458	G	-0.0313
rs141830804	T	0.0357
rs145613067	A	-0.1177
rs113577494	G	-0.1582
rs141842106	G	0.1083
rs146822328	T	0.0748
rs148739954	A	-0.0907
rs74356971	A	-0.0887
rs78384756	C	0.0668
rs9654388	C	0.0517
rs6888389	A	-0.0256
rs72798062	G	0.0799
rs112849364	T	-0.0665
rs6877860	A	0.0772
rs10038264	C	-0.0201
rs10942879	A	-0.019
rs11745791	G	0.1032
rs79676579	G	0.0637
rs35374524	C	0.0979
rs2963784	T	-0.0206
rs9292436	A	0.0417
rs160074	T	-0.031
rs72759764	T	0.1062
rs16892778	G	-0.0226
rs116629743	G	-0.0959
rs13354784	T	-0.0582
rs77327672	C	0.0823
rs13354596	G	-0.0229
rs113628875	C	0.0653
rs115409437	G	-0.1304
rs7703951	G	0.0853
rs2560677	A	-0.0315
rs72819276	C	-0.0296
rs72714303	A	0.1352
rs62371988	C	-0.0241
rs964279	C	-0.0207
rs78270882	G	0.1027
rs116336950	G	-0.1344
rs29754	G	0.0451
rs755188	T	0.0213

rs62359289	T	0.0677
rs80008149	C	0.083
rs12654847	T	-0.0362
rs75178857	G	-0.0964
rs79536381	T	0.1114
rs6894644	A	-0.0388
rs7715272	G	-0.0638
rs56208896	T	0.028
rs16892228	A	-0.0328
rs1344690	C	-0.0187
rs114704612	A	-0.0835
rs56159886	A	-0.0375
rs2973689	G	0.0235
rs62342789	A	0.1131
rs114695114	G	0.0471
rs116278272	C	0.132
rs13185181	T	-0.1524
rs111525279	A	0.0765
rs32436	G	0.0815
rs10037187	T	0.0229
rs35510250	C	0.0748
rs4836459	A	-0.0239
rs115404824	T	-0.0291
rs34247468	T	0.0625
rs2068452	G	0.0601
rs111621170	A	-0.0419
rs296004	T	-0.0185
rs77563740	C	0.0616
rs112512516	T	0.0224
rs139674369	C	0.0728
rs26056	A	0.0184
rs71596739	T	0.137
rs1513084	T	-0.0278
rs338685	A	-0.0203
rs10055047	C	0.0256
rs13171854	A	0.0189
rs140743036	G	-0.0774
rs149869719	T	-0.1328
rs140266896	T	0.095
rs34521	A	0.0232
rs4451087	C	-0.0448
rs143021712	G	-0.1704
rs16890369	G	0.0411
rs3822434	A	0.0286
rs347352	G	-0.0571
rs13162018	G	-0.0833
rs72812540	T	-0.0934

rs3923156	A	0.0308
rs115119775	C	0.1412
rs116423466	T	0.0652
rs149976817	T	-0.0956
rs7737186	T	0.0315
rs56868865	A	-0.0378
rs76263239	G	0.0807
rs1877842	A	0.0214
rs55664417	T	-0.0695
rs112185717	G	0.0363
rs74893289	G	0.1994
rs6866084	G	0.0406
rs80022068	C	0.0914
rs72832116	G	-0.0285
rs77445936	C	0.1084
rs62353856	T	0.0664
rs72762800	A	0.0622
rs142015363	G	0.0877
rs4342283	A	-0.0355
rs11133994	A	0.025
rs1499279	G	-0.0541
rs10072773	T	0.0391
rs59882566	A	0.037
rs392421	C	0.0201
rs1428246	G	-0.0209
rs141439879	G	0.1443
rs17099033	T	0.0397
rs56292928	A	0.027
rs11748176	C	0.0268
rs76515773	T	-0.11
rs10043446	G	-0.0245
rs77586651	A	0.0306
rs6873298	C	0.0215
rs992408	G	-0.0234
rs115002537	C	0.0943
rs79935160	T	-0.1491
rs115823811	T	-0.1808
rs963104	G	0.0903
rs114481850	G	0.1015
rs6871434	T	-0.0685
rs116227384	A	0.0614
rs1465400	C	-0.037
rs6877524	C	0.0333
rs6881743	C	0.0227
rs28764860	T	-0.1505
rs61686864	T	0.0586
rs2652514	A	-0.0216

rs145187952	T	0.1204
rs331744	G	-0.019
rs150596227	G	0.1199
rs79781172	T	0.1056
rs4704514	T	-0.0208
rs116513937	G	0.1322
rs79267814	A	-0.0701
rs28820682	A	-0.0284
rs12697248	T	0.0221
rs17577085	G	0.0384
rs77627402	C	0.0857
rs72634797	G	0.1225
rs79019854	T	-0.0978
rs116787099	A	0.1032
rs79433422	T	-0.1169
rs115754050	T	-0.1217
rs6450127	A	0.0199
rs2158959	T	-0.0899
rs72827697	A	-0.0375
rs251444	T	0.0217
rs138033762	T	0.0642
rs114961807	C	-0.1031
rs73734642	T	0.0839
rs6881564	A	-0.0367
rs36034956	G	0.0362
rs116600350	T	0.1123
rs79394390	A	-0.1001
rs7732237	A	-0.0194
rs35408399	G	0.1083
rs114266703	G	-0.1165
rs11747571	T	0.0286
rs36114956	C	0.0315
rs75264825	A	0.052
rs17494314	C	0.1256
rs17628768	T	0.0364
rs2337693	C	-0.0186
rs7712085	C	-0.0344
rs7443230	T	0.0352
rs62369473	A	-0.0284
rs314112	C	-0.033
rs73060773	A	-0.0447
rs79877348	A	0.0718
rs67316346	G	0.0454
rs2565011	T	-0.0199
rs10040485	G	0.0179
rs331919	G	-0.1213
rs141660555	T	-0.1424

rs4516825	G	0.0233
rs27042	A	0.0185
rs76327534	T	-0.0637
rs62337742	C	-0.0513
rs17730517	A	0.0345
rs57205685	C	-0.126
rs919741	T	-0.0224
rs11744052	T	0.021
rs6876382	G	-0.0391
rs79273956	T	0.0723
rs80192777	A	-0.082
rs13157759	T	0.023
rs112942600	C	0.0802
rs77043792	T	0.1461
rs4579270	T	0.0239
rs11745993	A	-0.0359
rs112793694	G	0.1376
rs2303038	T	-0.0226
rs720938	T	0.0399
rs17731499	C	-0.0273
rs55775465	C	-0.0209
rs113981500	C	0.0719
rs75756090	T	-0.1188
rs72775785	G	0.0441
rs17285006	T	-0.0424
rs62361275	G	-0.0575
rs17839786	C	0.035
rs72792319	G	0.0722
rs74388624	G	0.1643
rs13178801	G	-0.0688
rs79281622	A	0.0736
rs12187623	G	-0.0588
rs11949885	A	0.0473
rs165185	A	-0.02
rs114014558	T	0.1028
rs4593315	T	-0.0307
rs148304419	T	0.0747
rs2913328	A	0.0189
rs77722566	G	0.102
rs13181961	G	0.0279
rs3114508	A	0.026
rs10805495	T	-0.0256
rs78109688	A	-0.0923
rs28493554	C	0.1669
rs77155899	A	0.0921
rs113106833	T	0.0264
rs10041437	T	-0.0526

rs6896718	C	-0.0185
rs315780	A	0.0202
rs13153864	T	0.0308
rs79661351	G	-0.0709
rs116255239	A	0.0544
rs72785442	C	-0.0564
rs7725481	G	0.0512
rs1432676	A	0.0194
rs11739213	G	0.0269
rs72737027	C	-0.1008
rs78826626	T	-0.1111
rs74537256	T	-0.0249
rs80210816	T	-0.0709
rs12659798	T	-0.0447
rs10054436	T	0.1032
rs6555796	T	0.0187
rs17547230	A	-0.0186
rs17560660	G	0.1142
rs12153227	C	-0.0412
rs7729696	T	-0.0277
rs114459565	A	-0.0697
rs2307111	C	0.0186
rs9885278	C	0.0279
rs55897771	T	0.0386
rs59038291	T	0.0259
rs1354575	A	0.0325
rs36109172	A	0.0217
rs10063238	A	0.0426
rs112609654	T	-0.0589
rs1079748	A	0.0253
rs292205	C	0.0258
rs13185194	A	-0.0203
rs72766260	G	0.0343
rs10041008	T	-0.0245
rs17283890	T	-0.0237
rs11738456	T	-0.0213
rs17309726	A	-0.0348
rs1423417	C	0.02
rs11951956	G	-0.0759
rs116756844	C	0.0842
rs143226976	T	0.0223
rs13174461	C	0.1188
rs140098553	C	-0.0749
rs2112179	A	-0.0465
rs62405372	C	0.04
rs72724287	T	0.0973
rs3898746	A	0.069

rs75835310	A	-0.1267
rs398829	T	-0.0227
rs6555624	C	-0.0269
rs16872766	A	0.0522
rs76414732	A	0.0837
rs13159560	A	-0.0281
rs11742896	G	0.0962
rs12513754	T	0.0264
rs354662	G	0.0451
rs146489454	T	-0.1311
rs32655	A	-0.0181
rs7733743	T	0.0239
rs7727080	G	0.0235
rs41508850	A	0.0308
rs72818119	A	-0.0455
rs1353064	T	0.0447
rs72783212	A	-0.0385
rs17171888	A	-0.0381
rs72794170	G	-0.0321
rs115543948	A	0.0689
rs116228836	A	0.1072
rs62372400	G	0.1415
rs77362422	G	-0.0893
rs16876696	C	0.0515
rs16903859	A	0.0217
rs115145569	T	0.0885
rs114130118	T	-0.0552
rs10076899	C	0.0207
rs28396805	C	0.0306
rs115180954	A	-0.0566
rs72754173	T	-0.0515
rs1428027	T	-0.0296
rs4355471	C	-0.0182
rs80342231	T	-0.0792
rs250595	A	0.0484
rs115566472	A	-0.0624
rs76828515	A	-0.058
rs10055799	T	-0.027
rs116108705	T	-0.0934
rs77138904	T	-0.1124
rs48624	T	-0.0545
rs72846913	C	-0.0411
rs72643767	A	0.0728
rs115226967	A	0.0783
rs524610	T	0.0184
rs77162643	A	0.1415
rs6865424	T	0.0273

rs72725265	T	-0.0534
rs10462509	G	-0.0593
rs114183944	C	-0.1368
rs10042077	T	-0.0277
rs112902435	T	-0.0388
rs77140588	G	0.0449
rs27341	C	0.0187
rs62339744	A	-0.02
rs7378850	T	-0.02
rs77621221	C	0.0444
rs114324507	G	-0.0836
rs9324865	T	0.0222
rs6888329	G	0.0209
rs10471435	G	0.0209
rs62364223	C	-0.0205
rs138870372	C	-0.1028
rs11745042	T	0.0661
rs76636050	A	0.0753
rs112786522	T	-0.0294
rs112221428	G	-0.0505
rs112914833	C	0.0542
rs6882277	G	0.022
rs58219693	T	-0.0798
rs147237320	T	-0.0735
rs74294189	A	-0.0291
rs2650088	C	-0.0711
rs1529506	G	-0.0207
rs116070290	A	-0.0868
rs27522	A	0.0388
rs11133896	T	-0.0205
rs158342	G	-0.0223
rs111233493	T	0.0259
rs62375415	C	0.0686
rs115275746	T	0.1121
rs1173708	G	-0.0193
rs72768288	G	0.126
rs76934192	C	0.101
rs17690417	A	-0.1122
rs114920358	G	0.1007
rs2379249	G	-0.0833
rs13157304	C	0.0275
rs114066815	A	0.1028
rs2221443	T	-0.0183
rs2388364	G	-0.0212
rs139902231	A	0.0741
rs34107378	T	-0.0215
rs34314188	C	-0.021

rs79174917	T	-0.0499
rs77032080	T	-0.0676
rs1496398	A	-0.0376
rs74548071	A	-0.0647
rs79109049	G	-0.0489
rs32574	A	-0.0204
rs274716	C	-0.0192
rs79967398	C	0.0653
rs11134717	C	0.0186
rs74911958	G	0.0488
rs398799	A	-0.0527
rs71624133	C	-0.0264
rs62355718	C	-0.1013
rs144220068	G	0.0442
rs7445366	C	0.0196
rs138765581	A	-0.0945
rs115890479	G	-0.0807
rs75022624	C	-0.1026
rs115914233	T	0.0849
rs981713	G	-0.0219
rs17697839	G	-0.0953
rs114346285	C	-0.0443
rs79443828	C	-0.0548
rs146220453	G	0.1207
rs114146200	T	-0.0916
rs17818103	T	-0.0206
rs115073007	C	-0.1009
rs79099448	C	0.0455
rs3797772	T	-0.0343
rs55646741	C	-0.0448
rs245584	T	-0.0221
rs113997100	A	-0.0671
rs156659	T	-0.0251
rs116596059	T	0.0354
rs116213385	T	0.0914
rs72758284	G	0.0452
rs76542541	T	0.0891
rs17701155	C	0.045
rs141916639	C	0.0843
rs78330488	C	0.0815
rs116206517	G	-0.0535
rs72800539	C	0.0739
rs2938772	A	0.0184
rs11746500	A	-0.0205
rs77928272	A	-0.0645
rs1604677	C	0.0178
rs12186498	T	-0.0743

rs404223	G	-0.0986
rs113365093	G	-0.1002
rs76131878	A	-0.0745
rs314007	A	-0.0213
rs716897	C	-0.0192
rs62383775	C	-0.0807
rs13158253	C	-0.1137
rs75268691	A	0.0833
rs72821359	A	0.0285
rs724865	A	-0.0642
rs10213864	G	0.0191
rs7713961	G	0.0261
rs7710699	A	-0.0349
rs209357	C	0.0181
rs114007240	C	-0.1235
rs112323728	T	-0.0822
rs145388915	A	0.1186
rs141689464	T	0.0932
rs10940185	T	-0.0215
rs244981	A	0.1135
rs80324564	G	-0.0834
rs17680732	A	-0.053
rs71576167	T	0.0958
rs62359661	T	0.0539
rs115551235	T	-0.109
rs3101178	C	-0.0304
rs115479017	A	0.1003
rs77785972	G	-0.0407
rs143596641	C	-0.0892
rs17640662	G	-0.0654
rs1490982	A	0.0183
rs114686588	G	0.1002
rs272452	A	0.0225
rs10058839	G	-0.0403
rs145235104	A	-0.1121
rs142073073	T	-0.0871
rs1453363	A	-0.0255
rs745349	C	0.0189
rs6894156	T	0.0294
rs2544961	T	0.0218
rs115230077	G	0.0467
rs116064582	T	-0.1353
rs12516609	G	-0.0802
rs153197	T	-0.0532
rs62382336	A	-0.0503
rs17775602	A	0.0376
rs61748198	G	0.0424

rs72770470	T	-0.0846
rs13359372	G	-0.018
rs28381436	A	0.0634
rs114253859	T	0.1037
rs72802396	T	0.0415
rs111849861	C	-0.0654
rs58538877	T	-0.1347
rs139169967	G	0.0638
rs139836776	T	0.1409
rs6872064	G	0.057
rs6451295	T	-0.0185
rs17258745	G	-0.0315
rs4354086	G	-0.0192
rs62404929	A	-0.1065
rs72746641	T	0.0703
rs112196336	A	0.1242
rs74505169	T	0.0605
rs72820820	G	0.08
rs10454973	T	-0.0198
rs60779518	C	-0.0614
rs11742805	A	0.0306
rs11956527	T	-0.0219
rs75880063	C	0.0375
rs149534390	C	-0.1197
rs150389076	C	0.086
rs17629371	G	-0.0274
rs2135079	T	-0.0356
rs36049028	G	0.032
rs28458262	G	-0.0752
rs114547313	A	0.1227
rs75617723	T	0.0456
rs77242286	T	0.0964
rs60107710	G	0.0538
rs79686191	T	0.0298
rs140335884	T	-0.0682
rs77712823	C	0.0568
rs1816263	C	0.0203
rs6877607	G	0.0174
rs115951288	C	0.0571
rs114434084	T	0.1301
rs72764959	G	-0.0704
rs77926720	T	-0.1138
rs78349204	C	0.0854
rs12516144	C	-0.0233
rs16892876	A	-0.0246
rs254920	G	-0.0185
rs141439138	T	0.0567

rs7725816	T	-0.028
rs76319441	C	0.0379
rs6878448	A	-0.0183
rs7719514	A	-0.0489
rs1104891	A	-0.0184
rs352336	G	-0.018
rs74363872	C	-0.0869
rs7734901	G	0.035
rs58725285	A	-0.039
rs2569047	C	-0.0197
rs149310696	C	0.0951
rs72829014	G	-0.0355
rs7726227	C	-0.0463
rs139881710	T	0.1179
rs376310	G	-0.0232
rs78918464	C	0.1102
rs1971657	C	0.068
rs334907	A	0.048
rs72768128	A	-0.0326
rs1279745	T	-0.0434
rs4869686	A	-0.0178
rs115984045	A	-0.0661
rs17147209	T	0.0695
rs35472856	G	-0.0781
rs185319	T	0.1509
rs113270088	C	0.0495
rs17080471	G	0.0323
rs79992020	C	0.0507
rs9293820	G	-0.028
rs11955368	G	0.0811
rs72822021	A	0.0285
rs115313378	T	0.1125
rs115200967	C	-0.0891
rs141234613	G	0.0729
rs7718805	A	0.0184
rs11739204	C	-0.0287
rs138129582	T	-0.0499
rs9313503	T	0.0223
rs2189082	G	-0.0181
rs7707082	C	-0.0232
rs252070	A	-0.0177
rs80012401	T	0.0843
rs35008216	T	-0.0334
rs72818832	T	-0.097
rs13187844	A	-0.0221
rs75025321	T	0.0852
rs32461	A	-0.0194

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rs463614	C	-0.0175
rs4605828	C	0.0182
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rs56226654	A	0.0948
rs117019477	G	-0.0619
rs2003625	C	0.0212
rs73796494	T	0.0881
rs67198509	G	-0.0575
rs1394613	A	-0.0244
rs7729882	G	-0.0597
rs114603029	G	-0.0494
rs34913136	A	-0.0603
rs72755916	A	0.0868
rs115485379	T	-0.0816
rs4435901	G	0.0393
rs13167314	A	0.0227
rs77828422	C	0.0907
rs13165930	G	-0.0418
rs292402	G	-0.023
rs78124484	T	0.1011
rs79767625	G	0.0739
rs139145942	A	0.0765
rs7712742	G	-0.018
rs17343376	T	0.0685
rs117502300	T	-0.1285
rs148967622	T	0.0729
rs11749851	A	-0.0186
rs62368968	C	0.0367
rs6869928	T	-0.02
rs77868904	G	-0.0567
rs112370704	T	-0.0296
rs77665535	C	-0.04
rs16895357	T	-0.037
rs7380333	C	-0.0261
rs113519421	A	-0.0246
rs3822741	A	0.0247
rs4131182	A	0.0213
rs111839657	C	-0.1187
rs74404711	A	0.1095
rs80185844	G	-0.0412
rs11738516	G	0.0244
rs11745977	T	0.0272
rs145322377	T	0.0604
rs254224	A	-0.0203
rs248448	A	0.0294

rs55950636	C	0.0603
rs13166250	A	-0.0175
rs73760027	C	0.0495
rs149575755	A	0.0791
rs112654635	G	0.0827
rs17718347	C	-0.0193
rs7716998	C	-0.0219
rs33425	G	0.0179
rs929785	T	0.0261
rs17673359	C	-0.0263
rs10042146	A	-0.0332
rs154767	C	0.0238
rs1387638	T	0.0427
rs9293638	A	0.0717
rs168773	T	-0.0311
rs138535579	C	-0.0963
rs874083	T	0.0233
rs79858270	A	0.1151
rs112858343	G	0.1033
rs55800842	C	-0.106
rs978568	A	0.1522
rs118097756	A	-0.0693
rs34572107	G	0.0384
rs17585622	T	-0.0746
rs32392	T	-0.0195
rs77094331	C	0.1074
rs11741401	G	0.0225
rs539822	A	-0.025
rs16877256	G	0.0445
rs111580445	T	-0.0483
rs4496700	G	-0.0546
rs79596419	A	-0.0903
rs7728926	G	-0.0241
rs140625329	C	-0.1157
rs819600	A	0.0181
rs13174340	A	-0.0221
rs115166547	C	0.0699
rs7737635	A	-0.0228
rs12521444	A	0.0701
rs141914150	G	0.0877
rs10515081	A	-0.0403
rs2227460	A	0.091
rs72817253	T	0.0599
rs1501745	T	0.0209
rs80106479	T	-0.0926
rs73288241	A	0.0781
rs4867002	T	0.0196

rs9293720	T	0.027
rs116441758	C	-0.0503
rs10056700	C	-0.02
rs115081118	C	-0.0896
rs72732258	C	-0.029
rs10515357	G	-0.0188
rs26246	G	0.023
rs905148	T	0.0226
rs16891256	T	-0.0285
rs2059071	T	0.0212
rs2950856	A	-0.0226
rs115521825	A	-0.1163
rs17348877	T	-0.0288
rs2372405	A	-0.0192
rs79699409	T	-0.043
rs229955	A	-0.0554
rs730623	A	0.0955
rs72492477	T	-0.0434
rs11738499	G	0.0526
rs146892963	T	-0.0673
rs902521	A	-0.0761
rs9632393	A	0.0519
rs114355296	A	0.0894
rs144018189	T	0.1276
rs6895279	C	0.018
rs35406999	A	0.0312
rs79072761	A	0.1097
rs4866611	T	-0.0184
rs12153548	A	0.0225
rs75515129	A	0.1011
rs11948267	A	-0.054
rs148913985	A	-0.0822
rs79164763	A	-0.1316
rs78818909	T	-0.0568
rs78874503	G	-0.1446
rs13172486	C	-0.0756
rs150619371	T	-0.0995
rs79412078	T	0.1141
rs72759171	T	-0.0248
rs62365768	T	-0.0443
rs35689156	G	-0.0797
rs659562	G	-0.0218
rs4317351	T	-0.0191
rs17110375	G	0.0314
rs3860796	G	0.0367
rs34510	C	0.107
rs4702064	C	-0.0228

rs72824321	A	-0.0565
rs13159066	C	-0.1346
rs60460377	G	0.0209
rs62378044	C	-0.0174
rs75743946	G	0.1111
rs80107312	C	-0.0584
rs72781890	C	-0.0827
rs113786960	C	0.0411
rs12652842	G	0.0675
rs28718219	T	0.064
rs328830	A	0.0289
rs258522	A	0.0239
rs72800723	A	-0.0469
rs33894	G	-0.0182
rs2547003	A	-0.0217
rs12152738	G	0.0175
rs140421141	A	-0.0919
rs115229178	C	0.0628
rs28693862	T	-0.0818
rs78989266	C	0.0532
rs11739878	G	0.0278
rs17057955	G	-0.0347
rs12518467	C	0.0234
rs80075439	C	0.0872
rs76202597	T	-0.0257
rs17434455	T	0.046
rs147823689	G	-0.1428
rs17137984	C	-0.0766
rs6889736	G	0.025
rs142843540	G	-0.1214
rs114873563	A	-0.0639
rs17501324	T	0.035
rs72776174	T	0.0514
rs34040787	G	0.022
rs142604904	C	0.0606
rs874429	C	-0.0184
rs61161625	C	0.0293
rs3797245	A	0.0367
rs13190153	A	-0.0353
rs4256366	C	0.0255
rs11956007	G	-0.0372
rs10434536	C	-0.0293
rs35898852	T	0.0535
rs9285895	C	-0.0219
rs73804494	T	0.053
rs79459376	A	0.0675
rs138156510	C	0.0803

rs115315385	A	0.1229
rs143025845	G	-0.1295
rs12719304	C	0.0207
rs60032057	A	0.0546
rs116300666	G	-0.1027
rs72784667	A	-0.0875
rs353287	A	0.0195
rs73075183	A	-0.0323
rs16889948	A	-0.0277
rs13177143	C	0.0317
rs2085448	T	-0.0219
rs116215437	G	0.1046
rs112905460	G	-0.0704
rs77082129	T	0.0584
rs1472798	A	-0.0373
rs149890441	C	0.1287
rs77254023	C	-0.0367
rs294581	T	0.0476
rs145171014	G	-0.1348
rs10079560	G	0.0587
rs12520602	A	0.0357
rs62381584	G	0.0891
rs79517745	T	0.1009
rs432449	A	-0.0184
rs4345357	T	-0.1169
rs78715016	G	-0.0886
rs111546564	A	-0.0736
rs16868023	G	-0.0745
rs141261132	G	-0.0755
rs3792751	T	0.0183
rs17055976	A	0.0176
rs72827680	A	-0.0526
rs114054878	C	0.0847
rs149642894	G	0.1342
rs77850724	C	-0.0439
rs76711209	A	-0.0574
rs34080101	C	0.03
rs3815674	C	-0.045
rs34648000	A	-0.0453
rs115436949	C	0.1056
rs31038	C	0.0856
rs2937771	C	0.0521
rs266563	A	0.0172
rs1975147	A	-0.0511
rs13188125	G	0.0397
rs148092962	A	-0.1051
rs77794964	C	0.0939

rs4976780	T	0.019
rs114282497	C	0.0704
rs76654970	G	0.04
rs704040	T	-0.0186
rs72775027	T	-0.0273
rs1020662	T	0.0199
rs12521482	A	0.0546
rs3866445	A	0.0183
rs116551544	T	-0.1197
rs74415557	G	0.033
rs114121871	A	-0.0655
rs76494843	C	0.0956
rs77624317	G	-0.0755
rs55897571	T	-0.0424
rs150877849	G	0.09
rs12658336	A	-0.0181
rs10463907	T	0.1644
rs2961639	A	0.0202
rs72814140	T	-0.1537
rs72725071	G	0.0565
rs113829713	G	-0.0699
rs16896364	A	0.0319
rs7708149	T	-0.027
rs148040619	T	-0.047
rs116143889	C	0.0874
rs12654902	G	-0.0298
rs7721418	A	0.0676
rs116811993	T	-0.125
rs1353061	G	-0.0199
rs79946897	T	0.0491
rs1422889	A	0.0252
rs72807715	C	0.0632
rs5024074	G	0.0313
rs76844786	G	-0.0689
rs144632920	C	0.0922
rs75144132	A	0.1615
rs115670584	A	-0.0895
rs13155750	G	-0.0204
rs116416453	T	0.0757
rs261541	A	-0.0301
rs10077835	G	-0.0258
rs17488104	A	-0.1062
rs17509347	T	0.1168
rs26217	A	0.027
rs115161726	C	-0.0974
rs7730026	A	-0.0299
rs146312027	A	-0.1515

rs154811	C	0.0805
rs115427030	G	0.1119
rs72752439	C	0.0477
rs77808056	T	0.0872
rs116327468	G	-0.0779
rs2972820	T	-0.0226
rs72791198	A	0.0389
rs80273957	G	0.0821
rs114139277	C	-0.1198
rs16886034	C	-0.0376
rs74901968	G	-0.0206
rs60468287	A	0.0326
rs2589406	G	-0.0461
rs77306996	A	0.124
rs71638263	A	-0.0266
rs112532184	C	-0.17
rs138612228	T	-0.1139
rs77245021	T	-0.1149
rs72790645	G	-0.0421
rs3135928	A	0.0388
rs76378258	A	-0.0683
rs76562197	C	0.0994
rs7711393	C	-0.0215
rs76432248	T	-0.1144
rs78468322	T	0.0707
rs11741697	A	0.0182
rs140952543	A	0.0623
rs879817	T	-0.0274
rs7718987	G	0.0227
rs56920429	C	0.0371
rs34048092	T	0.0542
rs62377193	T	0.0886
rs7717530	C	0.0208
rs12109866	C	-0.0178
rs77073500	A	0.0481
rs10514071	A	0.0208
rs78969277	C	-0.031
rs37781	A	0.0245
rs34410424	C	-0.1157
rs115827777	T	0.0732
rs26531	G	0.0194
rs6898019	C	0.0187
rs252652	T	-0.046
rs113014073	A	0.0786
rs116241849	T	0.1079
rs4868528	G	0.026
rs145207384	C	0.1037

rs10515621	C	-0.0251
rs2068156	A	-0.0623
rs34296	G	-0.0198
rs115508444	C	0.0977
rs148218594	C	0.0323
rs60714766	T	0.0205
rs34178972	T	0.0566
rs150799901	A	0.0311
rs62376615	A	0.0336
rs78978742	G	-0.1159
rs74327998	T	0.1087
rs586056	G	-0.0183
rs116178163	A	0.0651
rs139598534	C	0.1181
rs17674707	C	-0.0611
rs114875437	T	0.0765
rs637240	T	0.0314
rs17626606	T	0.0345
rs34518711	T	0.085
rs74803095	A	-0.1126
rs3733731	G	0.0202
rs35896460	C	0.0294
rs113151424	C	0.0183
rs79694480	T	-0.0707
rs34738690	T	-0.027
rs62351297	G	0.0919
rs462744	C	0.085
rs74782096	G	0.06
rs149376403	C	0.0746
rs138320883	C	0.1045
rs28399365	T	0.0831
rs72773216	G	-0.0344
rs115361386	G	-0.097
rs2420210	G	0.1043
rs2962017	A	0.0231
rs116256155	A	-0.1509
rs10068684	T	-0.017
rs1215684	T	0.0207
rs9418	T	-0.0183
rs34530685	T	-0.068
rs163436	T	-0.0448
rs115088694	C	0.0983
rs72795416	G	0.0636
rs62378018	T	-0.0625
rs79316320	G	-0.0629
rs147207149	G	0.1063
rs7737801	G	-0.1413

rs73308313	A	0.0471
rs76201679	G	-0.1005
rs13179715	A	-0.0429
rs116808588	T	0.1126
rs10066347	T	0.063
rs111746678	A	-0.0379
rs17559604	A	-0.0489
rs11949196	C	-0.0257
rs4704116	T	0.0209
rs7733337	C	0.0294
rs7735477	A	-0.0195
rs13156341	G	-0.06
rs150062630	G	-0.1258
rs114248710	A	-0.0718
rs34725144	C	0.1139
rs13183153	C	-0.0174
rs62385438	C	0.0255
rs115899831	A	-0.1139
rs6914	C	-0.0365
rs76472099	T	0.035
rs115993790	T	0.1207
rs115820628	A	-0.0444
rs7736113	T	0.0537
rs3811854	T	-0.0352
rs7734738	G	-0.1089
rs138709711	T	0.0636
rs34051295	A	0.0546
rs17825723	G	-0.0357
rs31012	G	0.0181
rs78049380	G	0.0593
rs111813656	C	0.1173
rs17559708	C	0.0192
rs150660742	G	0.0701
rs6595545	C	0.0437
rs72800024	C	0.0229
rs3097823	C	0.0294
rs12186812	G	-0.0178
rs80133753	C	-0.064
rs4457094	A	0.1008
rs147013653	A	-0.1034
rs1992239	T	0.12
rs74591138	C	0.0527
rs114723432	C	0.1226
rs140560184	G	-0.1116
rs77448748	G	0.1118
rs7725836	C	-0.0188
rs62385560	C	-0.0318

rs72802850	A	-0.0679
rs76121883	A	-0.039
rs316212	A	-0.0192
rs72704473	T	0.0351
rs76177735	T	0.0378
rs149393688	G	0.0879
rs150337017	A	-0.0823
rs2416331	A	-0.0196
rs72815264	A	0.1464
rs142587456	A	-0.1304
rs74457857	G	0.0566
rs76679079	G	-0.0693
rs115186014	C	0.0815
rs1395026	T	-0.0271
rs4958167	C	0.0191
rs147227141	T	-0.0406
rs147976589	A	0.0821
rs6449563	G	-0.1
rs166061	T	-0.0246
rs151219964	G	-0.0222
rs74540481	G	0.0942
rs60218730	G	-0.0866
rs10515523	T	-0.031
rs112076045	A	-0.0251
rs4704759	T	-0.0735
rs13189848	C	-0.0478
rs113628285	G	-0.1234
rs147200319	C	-0.0548
rs7734853	A	-0.0168
rs140646053	T	-0.1188
rs68076125	T	-0.0547
rs72730739	T	-0.0392
rs114361368	C	0.1098
rs78992973	T	0.0989
rs72766579	T	0.0245
rs79455943	A	0.0536
rs9885127	C	0.108
rs12153146	A	0.0296
rs79577858	A	0.0557
rs10069497	G	0.0197
rs371732	T	-0.1073
rs10513075	C	0.1183
rs72781640	T	-0.0465
rs34125848	C	-0.0265
rs245072	G	-0.0269
rs17773992	G	-0.0234
rs17831789	G	0.106

rs72755037	G	-0.0483
rs13154883	C	0.0176
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rs2118585	C	0.0683
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rs35764125	A	-0.0361
rs79112883	T	-0.1042
rs144242918	C	-0.1212
rs13178747	T	-0.025
rs74510410	C	-0.0754
rs2913841	A	-0.0654
rs461340	T	-0.0251
rs11747606	T	0.0191
rs115845757	A	0.0721
rs72777147	T	-0.0872
rs62377216	G	0.0269
rs79950446	A	-0.1068
rs76423319	T	0.1055
rs148349690	A	-0.0827
rs1428365	C	-0.0317
rs72777824	T	-0.1083
rs144843727	G	0.0851
rs62383695	T	-0.0262
rs77274808	T	-0.0369
rs6890997	T	0.0423
rs2354124	T	-0.0187
rs4425547	G	-0.0178
rs6891720	C	0.0186
rs3925397	T	0.0188
rs76561438	G	-0.0722
rs114560833	A	-0.091
rs56243355	A	0.0824
rs74584991	A	0.0456
rs12109336	T	-0.0712
rs55638770	C	0.0305
rs79062017	G	0.0478
rs73028178	T	0.0395
rs77545081	T	0.0973
rs607613	T	0.0268
rs147267277	T	0.1119
rs10078331	T	-0.0744
rs140970314	G	-0.1093
rs113100583	G	0.087
rs4836114	C	0.0192
rs77332236	G	-0.0997
rs2962545	G	-0.1132
rs35792510	G	0.0187

rs13181056	A	0.1093
rs9293567	T	0.0519
rs113089229	A	-0.0556
rs11744003	A	0.0174
rs340698	C	-0.0227
rs112308223	G	-0.0818
rs10041019	T	-0.0633
rs6880261	T	0.019
rs79208904	C	-0.0766
rs113018931	C	-0.1198
rs74780513	C	0.0727
rs10515708	C	-0.0924
rs76714429	T	-0.1017
rs114200085	A	-0.0452
rs1105168	G	0.0168
rs1287269	C	-0.0171
rs141564499	G	0.1009
rs74994719	T	0.0486
rs11954899	T	0.0698
rs7708962	A	-0.0726
rs6889411	C	-0.0556
rs449837	G	-0.0305
rs76285129	A	0.0754
rs114795012	A	0.1351
rs76194262	C	-0.0505
rs77843905	C	-0.0491
rs62374499	G	0.0746
rs11167849	T	0.0174
rs144145672	A	0.0806
rs6890940	T	0.0822
rs78228540	C	-0.0478
rs74333372	C	-0.1256
rs17294084	A	-0.0448
rs151197849	C	0.0652
rs9763202	G	0.0261
rs6885280	T	-0.0242
rs344650	G	0.1072
rs2436340	A	-0.0189
rs34396639	T	0.02
rs10045203	C	0.0173
rs75069949	G	0.0633
rs62375424	A	0.0631
rs138561095	T	-0.1401
rs149799339	A	-0.0497
rs74986981	A	-0.0631
rs4895263	G	0.0629
rs4912872	A	0.0451

rs10051686	T	0.0907
rs6881726	G	-0.0325
rs11749914	T	-0.0201
rs1862576	T	0.0277
rs143921720	T	-0.065
rs2432061	A	-0.018
rs10053320	T	-0.0279
rs73741953	A	0.0542
rs16889451	A	-0.109
rs3776585	A	-0.0215
rs12654235	T	-0.031
rs17796994	T	-0.0477
rs62348994	T	-0.0695
rs16896509	A	-0.0611
rs73312397	G	0.034
rs113826192	C	-0.0783
rs72745858	T	-0.0494
rs13160267	T	0.0187
rs7710738	T	-0.0173
rs11748173	T	0.0172
rs153968	C	-0.0175
rs113321316	A	0.0758
rs253700	A	-0.0215
rs56065024	G	0.0416
rs2029517	G	0.0224
rs13171866	A	0.0676
rs111783146	C	0.0996
rs115188177	A	-0.1176
rs114154431	C	0.0843
rs78608186	A	0.119
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rs10045909	C	-0.0188
rs11958311	A	0.018
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rs181832	G	-0.0967
rs77195914	C	0.0722
rs138119614	T	-0.1015
rs76281170	A	-0.1055
rs1559047	G	0.0184
rs12659608	A	-0.0308
rs143989686	T	0.0601
rs74770849	T	0.0335
rs9293535	T	-0.0204
rs73124395	A	-0.1298
rs77474729	G	0.0653
rs35777878	T	-0.0938
rs2910133	C	0.0227

rs138052413	T	-0.0752
rs115019932	G	-0.0923
rs57520116	A	0.0668
rs142473188	G	-0.1093
rs139626822	A	-0.0818
rs35662449	T	-0.0219
rs76226349	A	-0.0945
rs113794264	T	0.1332
rs116328010	C	-0.0627
rs750803	C	-0.0181
rs10066332	T	-0.0399
rs140555387	C	-0.0765
rs11739695	A	0.0169
rs78391915	A	-0.0372
rs12517450	T	-0.0209
rs6882169	T	-0.0218
rs3798031	T	0.0187
rs35521783	C	0.08
rs6600981	T	-0.0248
rs10434577	A	0.0475
rs10059023	G	-0.0216
rs75152008	A	-0.1006
rs350536	G	0.024
rs4240393	G	-0.0229
rs142071374	T	0.0833
rs2243467	A	0.0206
rs16885969	A	-0.0194
rs17143629	G	-0.0643
rs979453	G	-0.0183
rs142395214	C	-0.04
rs149591616	T	0.1103
rs79215600	G	-0.0229
rs74997429	C	-0.0895
rs2339961	A	0.0179
rs142843389	G	0.0661
rs73752318	A	0.0459
rs6452273	G	0.0251
rs13165652	T	0.1335
rs79640862	A	-0.0567
rs559712	C	0.038
rs75962185	T	0.0429
rs62368621	G	0.025
rs77076353	G	-0.0599
rs72795386	G	0.1313
rs17428710	T	0.017
rs78987836	T	-0.1124
rs4867073	G	0.0191

rs251516	T	0.031
rs75945244	T	-0.0809
rs4640780	A	0.0276
rs79605226	G	0.0401
rs6883640	T	-0.0245
rs10079701	G	-0.0964
rs16900130	G	-0.029
rs72777262	A	0.146
rs350492	C	0.0302
rs137879228	A	-0.0836
rs17537048	G	0.0245
rs4701707	A	-0.0198
rs10521011	C	0.0379
rs249915	C	0.0177
rs36119939	A	0.1012
rs145217986	C	-0.0739
rs9313654	T	0.0481
rs111538473	T	0.0644
rs16887211	C	-0.0239
rs114779704	G	-0.0687
rs11958631	G	0.039
rs1181337	G	0.074
rs71623828	G	-0.022
rs11739457	G	-0.1155
rs2534842	C	0.051
rs140139312	G	0.0735
rs148725978	T	0.0647
rs11744289	G	-0.0378
rs140820152	A	-0.0594
rs2925729	C	0.0416
rs114553786	C	0.1205
rs10059476	T	-0.0172
rs111396125	C	0.1161
rs10942554	A	-0.019
rs77456412	T	0.074
rs9292552	G	0.0244
rs4958081	C	-0.0262
rs2973189	T	-0.065
rs76998582	T	0.0355
rs7379396	C	-0.0263
rs116601729	A	0.1316
rs12522033	T	0.0174
rs5008734	A	0.0446
rs78811944	A	0.0589
rs2591205	G	-0.0188
rs10461928	G	-0.0181
rs114280069	T	-0.1405

rs60475980	A	-0.0741
rs77099102	G	-0.0443
rs76882147	G	0.1338
rs115961055	C	0.0531
rs79866724	C	0.0443
rs34316798	A	0.021
rs11747190	A	0.0261
rs17466571	T	0.0349
rs79674207	G	0.1146
rs142719322	G	-0.1019
rs145812874	G	0.1199
rs56102010	A	-0.0208
rs165950	T	0.0767
rs163591	T	-0.0166
rs115569378	T	0.0309
rs58414253	C	-0.0545
rs112774055	A	-0.059
rs72721561	A	-0.0316
rs80059277	T	-0.0933
rs147197656	T	-0.0895
rs7727766	G	0.0178
rs9313398	G	0.0193
rs17097438	T	0.0237
rs74411785	C	0.0348
rs62337200	T	0.0974
rs113768561	A	-0.0315
rs113715862	C	-0.0676
rs35601434	C	-0.0229
rs80119082	C	-0.081
rs12659427	T	-0.0329
rs10447170	A	-0.0233
rs4958893	T	0.0196
rs74863661	T	0.0269
rs10462251	T	-0.0225
rs10073728	G	-0.0254
rs1380942	G	0.0929
rs115568758	C	0.0649
rs139349294	G	0.11
rs6885539	A	0.0439
rs11741229	C	-0.0208
rs10520885	A	0.0345
rs76861702	A	0.0281
rs6895930	G	0.0752
rs80209529	A	-0.0351
rs10475103	G	0.018
rs17318932	T	-0.0485
rs75997440	G	0.1109

rs1544786	G	-0.0251
rs17439150	T	-0.024
rs1438681	A	0.0314
rs111912456	T	0.0504
rs76654752	G	-0.0261
rs1910789	G	-0.0168
rs7732747	A	0.0462
rs113824777	A	0.0662
rs4703395	A	0.0227
rs76198120	A	0.0751
rs32387	C	-0.0173
rs17544008	T	-0.0325
rs4072550	T	0.0194
rs4582253	T	0.0509
rs4836268	C	0.0232
rs10057235	G	-0.0198
rs78526142	G	-0.0369
rs258779	A	0.0222
rs62384027	C	-0.0286
rs1291486	G	-0.0564
rs7737228	G	-0.0342
rs10075071	C	0.0187
rs111665719	T	-0.0773
rs2964793	T	0.0299
rs840380	C	-0.0779
rs7717619	A	-0.03
rs9313102	T	0.0255
rs10940989	T	-0.0972
rs6867436	T	-0.0373
rs115693820	T	-0.0852
rs1353500	T	-0.0202
rs6452377	G	0.0176
rs9293695	C	0.0169
rs9327318	A	-0.0256
rs149670015	G	0.1197
rs76661052	T	0.0469
rs12654925	C	-0.0303
rs767177	T	0.0201
rs3756531	C	-0.0679
rs72744536	T	0.1221
rs340057	C	0.0189
rs7737359	T	0.017
rs6887277	C	0.0313
rs147612380	G	0.0995
rs1809354	T	-0.03
rs113582022	A	-0.0472
rs62364572	T	0.0356

rs1025659	C	-0.0343
rs72544120	A	0.0933
rs56120208	T	0.0539
rs9292991	C	-0.0216
rs4342288	C	0.0204
rs142728440	G	0.1154
rs1918779	T	-0.0304
rs148155977	C	0.0819
rs292988	G	-0.0166
rs256322	A	0.0176
rs78503918	G	-0.082
rs76003044	G	-0.0712
rs7709701	C	0.0212
rs116194818	G	0.0426
rs144197059	T	-0.1069
rs62357516	T	-0.018
rs12653680	G	0.0332
rs72764055	G	0.0255
rs4613682	C	0.0247
rs111329434	A	-0.1197
rs76662990	G	-0.0267
rs34312	A	-0.0193
rs80185276	A	0.1374
rs80170246	T	0.0814
rs33956	T	0.0208
rs79584436	A	-0.0988
rs35688882	G	-0.0459
rs13188664	T	0.018
rs74986854	T	0.0612
rs6888774	G	-0.023
rs2416258	C	0.0237
rs139097020	T	0.0951
rs2972781	C	0.0925
rs2964383	A	-0.0228
rs12187148	G	0.0299
rs72752792	G	0.042
rs72800727	A	-0.0484
rs72739772	G	-0.0229
rs42868	G	0.023
rs149270592	C	-0.0969
rs17480083	C	-0.0543
rs55703460	G	0.0507
rs78607863	T	-0.1019
rs7704641	G	-0.0163
rs78015059	C	-0.0829
rs4957585	T	-0.0322
rs149035132	A	0.1283

rs17590178	T	0.0561
rs115017116	A	-0.0999
rs7448264	T	0.0298
rs76774366	T	0.1133
rs1058047	A	0.0932
rs116496896	C	-0.0836
rs4699967	G	-0.152
rs61170933	C	0.0871
rs79171834	T	-0.0985
rs77013900	A	0.0571
rs114489491	A	0.0482
rs2964620	G	0.0348
rs11740374	C	-0.0203
rs116170069	T	0.0794
rs80240558	A	0.1386
rs113468244	A	0.0644
rs712633	A	0.0921
rs77355454	T	-0.0455
rs13188008	T	-0.0219
rs299915	C	0.0174
rs143528549	A	0.1093
rs17437433	A	-0.0181
rs4958260	C	-0.0169
rs148410592	C	0.0751
rs13156920	G	0.0669
rs74792889	C	-0.0814
rs78184459	T	-0.149
rs12513624	C	-0.0256
rs17351074	G	-0.0652
rs141600383	A	0.1165
rs116124785	A	0.1153
rs116283588	A	-0.0517
rs111755671	C	0.0263
rs11745906	C	-0.019
rs3866382	G	-0.0377
rs34231	T	0.025
rs116444595	A	-0.0569
rs10805491	G	-0.0185
rs141287669	C	-0.0316
rs148158839	G	0.0726
rs62406230	T	0.0728
rs76223357	C	0.1017
rs76364926	A	0.1092
rs62364785	T	-0.0594
rs458304	T	0.0169
rs11960089	T	0.0196
rs72802195	A	-0.0806

rs11750498	G	0.0233
rs114298940	T	0.1271
rs11948445	G	0.0178
rs1279618	C	-0.0926
rs4560600	T	0.0349
rs116417701	T	0.0973
rs111562886	G	-0.026
rs76964486	A	-0.0867
rs1115243	A	-0.0174
rs72760642	G	-0.1157
rs72763369	G	0.0386
rs11958578	C	0.0522
rs143271219	T	-0.0865
rs433917	T	-0.0281
rs299372	A	-0.0181
rs116540299	A	0.0885
rs3798014	C	-0.0213
rs11744603	T	0.0426
rs1153985	G	0.0194
rs35706784	C	0.1276
rs115453279	A	-0.0616
rs146505077	T	-0.0222
rs73804722	G	0.0926
rs143411938	A	-0.1355
rs1840553	A	0.0178
rs141659417	G	0.0984
rs76946260	A	0.063
rs114848449	T	-0.0718
rs4700302	A	-0.0277
rs149055465	T	0.0706
rs13436818	C	0.0206
rs1034890	A	0.0351
rs76963506	C	0.0657
rs138324979	A	-0.0558
rs116685780	G	-0.1435
rs1394671	G	0.0186
rs115134455	G	0.0832
rs10055153	C	-0.0165
rs80313012	T	0.0694
rs7715526	A	-0.0212
rs355412	T	0.0186
rs59099286	C	0.0894
rs145181966	T	0.0686
rs62391507	T	-0.0503
rs152118	T	-0.0185
rs116697576	T	0.0416
rs116125702	T	0.0674

rs62383741	G	0.0612
rs72811302	T	0.0708
rs10060537	A	-0.0352
rs150886112	G	0.1464
rs34018	C	-0.0214
rs148678419	C	-0.0912
rs12653079	T	0.0327
rs148598827	T	0.0998
rs1544774	A	0.0365
rs146166447	T	-0.1205
rs6883030	C	0.0386
rs73774916	G	-0.0642
rs995120	G	0.0167
rs149031574	G	0.0545
rs77948337	G	-0.09
rs25812	C	0.094
rs11242145	C	0.0181
rs17429287	A	0.0372
rs143226676	A	-0.0956
rs76635141	A	-0.0717
rs12516175	G	-0.0857
rs114494033	C	0.1211
rs115838845	A	0.0753
rs149306709	T	0.0875
rs368686	G	0.0197
rs34902218	T	-0.0504
rs13162868	C	0.1184
rs17796049	G	0.0435
rs35259104	G	0.0172
rs146951773	T	-0.0818
rs12517909	T	0.0487
rs2353590	T	0.0169
rs79571104	T	-0.0825
rs62357147	A	0.0501
rs4266361	C	-0.029
rs116214935	G	0.05
rs79576178	C	0.0801
rs6860194	G	-0.0231
rs76588821	C	-0.0718
rs11743000	T	-0.0285
rs113136269	C	0.056
rs7714769	G	-0.0168
rs6892611	A	0.0399
rs75773310	T	0.099
rs114896530	A	-0.0768
rs116636735	G	0.0853
rs73132456	A	0.0862

rs114622510	G	0.0669
rs62372211	T	-0.0174
rs79966610	C	-0.1056
rs112042240	C	0.0632
rs831780	G	0.0177
rs60509487	T	-0.0422
rs11747087	C	0.0833
rs202797	C	0.0197
rs76468165	A	-0.1039
rs112629170	T	-0.0422
rs114517997	C	-0.1361
rs56738803	A	0.0422
rs7709390	T	-0.0365
rs2941898	A	0.0226
rs62392211	T	-0.0371
rs55845262	A	-0.0549
rs77012855	A	-0.0357
rs769730	G	0.0184
rs115861866	G	0.0692
rs60997868	T	-0.0391
rs116278501	G	-0.0413
rs138965792	G	0.1185
rs76111918	G	-0.1177
rs6862916	G	-0.0463
rs4705742	T	-0.0166
rs141748778	T	-0.1164
rs72777525	A	0.1148
rs116596425	A	-0.0963
rs74400063	A	0.1214
rs2388875	A	0.0218
rs2895578	G	-0.0164
rs72635213	C	0.0362
rs114808468	G	0.0767
rs354333	T	0.0293
rs76277581	G	0.0876
rs79301232	T	-0.0825
rs77393926	T	0.0679
rs4703480	G	-0.0222
rs72797840	G	-0.0557
rs2233289	A	-0.1086
rs77097024	A	0.0419
rs67186626	T	0.036
rs59308551	A	0.1015
rs140581843	A	-0.0931
rs66782	C	0.0187
rs6883603	C	0.0226
rs10514211	G	-0.0272

rs12514594	A	0.0458
rs12187189	T	0.0167
rs79289695	A	0.1316
rs78622840	T	0.0701
rs115955736	A	0.0758
rs7704804	G	0.0174
rs6873558	A	0.0288
rs77121693	T	0.0455
rs166238	C	-0.0289
rs75778985	C	-0.0709
rs7719274	G	-0.0306
rs115228397	T	-0.0909
rs146621524	T	-0.1253
rs149098773	G	0.1083
rs17163440	T	0.0258
rs12188757	A	0.0699
rs77240110	A	0.0383
rs115091100	T	0.0746
rs56152341	T	-0.0251
rs78979439	T	0.0827
rs299299	G	-0.0231
rs147360755	G	-0.1304
rs62382479	G	-0.091
rs139524988	A	0.0603
rs7701143	A	0.0188
rs76467553	G	0.0606
rs151154723	C	0.0466
rs116406117	A	-0.1062
rs2338833	A	-0.022
rs17075056	A	-0.0628
rs116266958	A	-0.093
rs10061649	C	-0.0178
rs6869338	G	0.0414
rs10060807	A	-0.0228
rs148777289	T	-0.1275
rs79544313	A	-0.0958
rs55754450	C	-0.0627
rs116154070	T	0.0739
rs13162831	G	0.0163
rs62333229	T	0.0254
rs78471324	A	0.0811
rs2915855	A	-0.016
rs79734659	A	-0.0752
rs58007106	A	0.03
rs115755349	C	-0.0582
rs75220098	T	0.0519
rs78802908	A	-0.1343

rs115622195	G	-0.0556
rs143341739	T	0.0906
rs7731005	T	0.0257
rs194180	A	0.0394
rs990454	A	0.0328
rs10067935	G	0.0423
rs34830028	G	-0.0221
rs4836375	T	-0.0178
rs114789386	T	-0.0873
rs73786008	C	-0.0341
rs79327170	C	0.0388
rs77117813	T	0.0474
rs256427	G	0.0227
rs11949284	T	0.021
rs1982660	C	0.0186
rs7704456	G	-0.0348
rs11135477	A	0.0182
rs55959162	G	-0.0279
rs56095367	C	-0.0183
rs80129047	C	0.0277
rs149150230	C	-0.1354
rs17137771	G	-0.0407
rs113908908	C	0.0872
rs75889308	C	-0.0508
rs73735780	C	0.0315
rs16871035	A	-0.0405
rs79156629	C	-0.0775
rs4380635	G	-0.0304
rs139954900	T	0.1093
rs116818570	A	0.0933
rs67780637	C	0.049
rs139699419	G	0.1101
rs115250766	C	0.0553
rs872622	C	0.0164
rs2278232	C	-0.0401
rs150942040	A	0.0799
rs142872853	T	0.1264
rs17685437	C	0.0445
rs58214669	T	0.0382
rs2898269	T	-0.0347
rs150366802	G	0.097
rs17074144	G	0.0248
rs16901973	T	-0.0692
rs12171528	T	-0.0518
rs3852143	A	-0.0812
rs1910092	A	-0.0262
rs1697915	A	-0.0982

rs4141317	T	0.0225
rs56295745	T	0.021
rs12188938	A	0.1155
rs1553322	C	-0.0966
rs114423732	A	-0.1003
rs930204	A	0.1177
rs1021471	C	0.0169
rs4868149	G	0.0185
rs275826	A	-0.0235
rs116715588	C	-0.0643
rs12520404	A	0.0331
rs13187132	T	0.0263
rs694749	C	-0.0298
rs76054385	A	-0.132
rs10462485	G	-0.0167
rs1988145	A	-0.0168
rs72751602	C	-0.0954
rs17054347	T	-0.0196
rs77468923	G	-0.0671
rs78986183	G	0.0519
rs12652807	G	0.0327
rs77481271	G	-0.077
rs115710100	A	0.0558
rs112394679	C	-0.0615
rs146757815	A	0.109
rs1347111	C	-0.0186
rs2895772	A	-0.0191
rs6890634	C	-0.0193
rs115234103	C	-0.0782
rs34221241	C	-0.0486
rs56399454	T	0.0788
rs145760819	C	0.0638
rs141530748	C	-0.137
rs35577905	A	-0.0172
rs822405	C	0.0315
rs56230710	A	0.0572
rs79165396	T	0.1182
rs116554310	G	-0.0551
rs11745089	T	-0.0332
rs74565063	G	-0.1067
rs1366564	C	0.0165
rs116802236	A	0.0813
rs252094	G	-0.0271
rs73736846	G	0.0296
rs75403803	G	0.0912
rs144689014	T	0.0848
rs140924513	G	-0.064

rs143828590	G	0.1081
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rs77393803	G	-0.0752
rs114943455	A	-0.0676
rs1201598	C	0.0182
rs2731671	C	-0.0485
rs79229694	C	-0.0367
rs114264394	C	-0.0933
rs34031036	C	-0.0298
rs79090999	G	0.081
rs72732657	T	-0.0826
rs256651	T	-0.0306
rs319912	C	-0.0164
rs4072529	A	0.0265
rs3798097	T	-0.0176
rs41330246	A	0.0361
rs72784573	C	0.0583
rs10058032	A	-0.0171
rs78378399	C	0.0919
rs150609703	A	0.1366
rs60373834	T	0.0328
rs116234516	T	-0.0352
rs13183784	C	-0.1504
rs791645	T	0.0244
rs2099080	T	-0.0486
rs16891329	T	-0.1094
rs10519452	C	-0.0323
rs114544162	A	0.0764
rs138533851	C	-0.0403
rs11953052	T	0.0207
rs10939979	A	0.0271
rs148948633	A	0.0898
rs6898905	C	-0.0205
rs28363164	T	-0.1209
rs13360158	C	-0.0242
rs62360873	G	0.0703
rs11738748	G	0.0168
rs149256834	C	0.086
rs254153	C	0.0232
rs1044997	A	-0.0269
rs4280889	T	0.0306
rs114432259	T	-0.0615
rs6871948	A	-0.0184
rs113599771	G	0.0621
rs377925	C	-0.0184
rs12652307	C	0.0287
rs75059256	G	0.1375

rs62379670	T	-0.0268
rs113907575	G	0.0434
rs17069346	C	0.0199
rs72799606	G	0.0276
rs11959739	A	0.0232
rs254125	T	0.0238
rs35155151	T	0.0465
rs140104870	T	-0.0515
rs72808095	G	0.0498
rs138232438	C	0.0375
rs7717830	T	0.0497
rs7732589	A	0.0238
rs12521069	G	-0.0335
rs11958032	T	0.0495
rs35291414	T	0.0446
rs76944554	A	0.0614
rs13163152	T	0.0542
rs7701734	T	0.1037
rs73180582	T	-0.0539
rs17052948	C	0.1071
rs1905655	G	0.022
rs2233277	C	0.0161
rs56212706	A	-0.0629
rs2403446	C	-0.0228
rs11747954	A	0.0488
rs74666719	A	0.0725
rs2330698	A	-0.0183
rs61483329	G	-0.1161
rs10052416	A	-0.0172
rs4577701	C	0.0178
rs114965806	T	0.075
rs10447123	A	-0.039
rs74976973	C	0.0952
rs267411	C	-0.0389
rs35655139	A	-0.0313
rs74948699	C	-0.1031
rs145273523	A	-0.0929
rs56738488	C	-0.0481
rs2036339	G	-0.0337
rs72757385	G	0.0888
rs2241583	A	0.0175
rs7711645	G	0.0172
rs143446709	T	0.0916
rs35751312	C	-0.0206
rs76957260	T	0.105
rs146192426	T	0.108
rs114623970	A	-0.0995

rs13172239	G	-0.0619
rs35684381	C	0.0259
rs7712649	G	0.0213
rs34943604	G	-0.0192
rs76337500	A	-0.0896
rs149751713	T	-0.0904
rs112015137	C	-0.0558
rs79481254	G	-0.0493
rs144010090	G	0.0798
rs2895607	C	0.0525
rs62349109	C	0.0891
rs76917228	T	-0.051
rs71616993	A	0.0406
rs150458272	G	-0.1226
rs138913419	C	0.0775
rs111519591	A	-0.0889
rs71607582	G	-0.119
rs745798	G	0.0257
rs10058451	T	0.0358
rs72784606	T	-0.0271
rs2059960	G	-0.0209
rs72644094	G	0.0405
rs73132014	A	0.037
rs10482628	A	-0.0805
rs78367291	G	0.0445
rs77597785	G	0.0256
rs59969675	C	0.0267
rs13355630	A	-0.0675
rs57390799	C	0.0633
rs12517424	A	0.0205
rs112643784	A	0.0603
rs2341235	C	0.0623
rs140140997	A	0.1119
rs7965	A	-0.0365
rs10042330	A	0.0536
rs13186041	G	0.0417
rs77475797	T	0.103
rs142421834	G	0.1114
rs57639230	G	-0.0262
rs13153501	T	0.0223
rs76368598	A	0.0386
rs114458274	C	0.0623
rs78901782	T	0.1145
rs11746003	G	0.0448
rs60865161	A	0.0185
rs142740187	C	0.0524
rs11739329	A	-0.0187

rs11959674	C	-0.0247
rs116082697	T	0.0561
rs4505973	G	-0.0267
rs7734291	G	0.0185
rs78445902	C	0.0763
rs75688752	C	-0.0329
rs72799992	G	0.0493
rs75170821	C	0.0904
rs114166067	A	-0.1186
rs17657378	C	0.0228
rs191082	C	-0.0477
rs115408938	T	0.1036
rs80177618	C	0.0365
rs1422467	T	-0.0244
rs6893365	A	-0.0211
rs10038021	C	0.0269
rs7707802	C	0.0181
rs10061722	C	-0.0204
rs72743684	A	0.0992
rs116388024	G	-0.1227
rs79986886	G	0.0533
rs143152707	A	0.1048
rs114497105	T	0.1178
rs114808591	C	-0.1025
rs72787097	C	-0.0392
rs28491808	G	0.0247
rs75979846	T	0.0477
rs1173214	C	-0.0268
rs112516565	A	-0.0838
rs7728114	A	-0.0178
rs78532767	T	0.035
rs1460806	A	0.0158
rs79492076	G	-0.0323
rs145931005	T	0.1199
rs7704052	A	-0.1042
rs34554374	C	-0.0612
rs77458849	C	-0.0661
rs4099108	A	-0.0335
rs72738833	C	-0.0599
rs77035238	A	0.0468
rs114557152	A	0.033
rs1864925	G	-0.0263
rs10155659	A	-0.0408
rs13174183	T	-0.0715
rs79663639	C	0.1097
rs111553625	T	0.0212
rs71627991	A	-0.0654

rs62359372	G	0.0745
rs1991493	G	-0.0193
rs1187484	T	0.0218
rs76500399	G	-0.128
rs73800277	A	0.0584
rs78514874	A	0.0716
rs112845837	T	-0.1214
rs7720871	A	0.0177
rs72743351	A	-0.0457
rs142294216	G	0.0933
rs16897281	T	-0.0968
rs148804457	A	-0.0626
rs17536228	G	0.0969
rs115192909	G	-0.0439
rs6860534	T	-0.0177
rs2054842	T	0.0479
rs7714005	G	0.0298
rs115117213	T	0.088
rs1580395	A	-0.0289
rs55728126	A	0.0478
rs4702765	T	0.0577
rs60501065	A	-0.0861
rs6594352	A	-0.016
rs140035152	G	0.072
rs114578724	A	-0.1001
rs75329963	A	-0.0779
rs4975593	T	-0.0168
rs74771814	T	0.0944
rs270589	C	-0.0245
rs116748684	T	0.0792
rs10476921	G	0.0158
rs78458554	A	-0.0453
rs79062239	C	0.0742
rs2451011	G	-0.0239
rs3843489	T	0.0271
rs10039262	G	0.0444
rs115064122	T	-0.0956
rs76414050	C	-0.0857
rs151036450	T	-0.0952
rs79111715	G	0.0572
rs72751414	T	-0.0528
rs12173252	T	0.0335
rs4703573	A	-0.02
rs72778784	A	0.0294
rs144155258	A	0.065
rs76486454	A	0.0639
rs12189541	C	0.018

rs1428600	A	-0.0185
rs114811340	G	-0.0766
rs116300228	C	0.0599
rs78347435	C	-0.064
rs6885176	A	0.0649
rs146669452	C	0.047
rs150692263	G	0.069
rs77108342	A	-0.0342
rs115335141	G	0.0938
rs17294112	G	0.0524
rs144046478	A	0.0979
rs13179916	A	-0.0522
rs2591453	A	-0.0174
rs141799772	G	-0.1135
rs80105314	A	-0.0737
rs7711454	C	-0.0233
rs9293716	T	-0.0248
rs76773338	G	0.0338
rs10059700	G	0.0257
rs74891075	T	0.0556
rs72747396	A	0.1082
rs76690378	A	-0.0512
rs6896685	T	0.0297
rs75264367	T	0.0512
rs355415	G	0.0273
rs766444	G	0.0456
rs72710660	T	-0.0562
rs141258167	C	0.1104
rs35558461	A	0.0217
rs11744676	A	-0.056
rs173780	A	0.0209
rs72771598	A	0.0186
rs76398000	A	-0.0553
rs76838000	T	0.1398
rs7731599	C	0.0167
rs111538191	T	0.0743
rs140333045	T	0.0801
rs79888344	C	-0.0305
rs59402030	A	0.1001
rs72816340	A	-0.024
rs830668	G	0.0417
rs72828896	T	0.0224
rs58317134	C	0.0689
rs55650607	A	0.033
rs146999487	T	-0.0928
rs61754594	T	-0.0353
rs115335337	A	0.0492

rs62341816	T	0.0592
rs72736081	T	0.0438
rs116022046	C	0.0593
rs9327026	A	0.0218
rs2190787	A	0.0177
rs61290176	A	-0.0209
rs35742	A	0.0187
rs140434738	A	0.0598
rs77667435	A	-0.0487
rs115282024	A	0.0865
rs17828481	G	-0.0254
rs142751125	A	-0.0959
rs72710606	C	-0.0257
rs75642795	A	-0.0674
rs147866699	G	-0.1264
rs76210039	T	0.0509
rs314155	A	0.0156
rs11749125	G	0.018
rs80218654	A	0.0331
rs115690446	A	0.0692
rs12652402	G	0.0213
rs114320292	A	-0.0855
rs7730928	T	-0.0168
rs428925	G	0.021
rs2914241	C	-0.0171
rs9313502	G	0.0648
rs143867325	T	-0.1363
rs11959675	A	-0.0196
rs75769046	G	-0.0394
rs112820422	G	0.0467
rs145800063	A	-0.1014
rs4957476	A	0.0163
rs5745232	T	0.0428
rs150417658	A	-0.0919
rs740657	T	-0.0325
rs66507348	T	-0.0322
rs883031	A	0.0336
rs319134	G	0.0242
rs76926676	C	-0.0978
rs79556779	T	-0.0467
rs74560420	T	-0.0493
rs115179162	A	0.0555
rs78894899	C	0.057
rs416271	T	-0.0165
rs62398155	G	-0.069
rs4380683	T	0.0191
rs59173395	A	-0.0233

rs2962632	C	-0.0247
rs40473	T	-0.0292
rs62375660	T	0.0675
rs116364340	C	0.0901
rs73322054	A	0.0658
rs138606028	G	-0.0739
rs17060800	C	0.0175
rs12520845	A	-0.0684
rs148043394	T	-0.0906
rs2195391	C	-0.0951
rs113126704	G	0.0266
rs11167618	T	0.0653
rs115962932	A	-0.0868
rs1601246	C	0.0267
rs35447611	C	-0.0267
rs147031556	G	-0.0774
rs78060907	A	0.109
rs115623369	T	-0.089
rs111258973	T	0.0459
rs156002	T	-0.0174
rs74957275	G	0.0557
rs79101108	A	0.0441
rs400183	A	0.1173
rs35004257	C	-0.0288
rs3797115	T	-0.0502
rs12189448	C	-0.0268
rs146444509	C	0.0711
rs2928180	C	0.0212
rs115078251	A	-0.0792
rs286602	A	-0.0163
rs1354141	T	0.0492
rs6886492	G	0.0227
rs10051978	A	-0.0205
rs72762973	C	-0.0336
rs149330187	C	-0.1398
rs7716554	G	-0.0178
rs76168257	G	0.1002
rs13189427	A	-0.0919
rs114277270	C	-0.1011
rs10075932	A	0.0474
rs10076945	A	-0.0153
rs152268	C	-0.0344
rs17653965	G	-0.0538
rs115641149	T	0.0541
rs77885558	G	-0.0449
rs347249	T	0.0172
rs17642594	C	0.0285

rs79815346	G	0.0577
rs1586336	C	-0.0199
rs2059854	C	0.024
rs34946211	C	-0.0167
rs4976585	C	-0.0208
rs6151874	C	0.0828
rs72816850	T	0.1315
rs114590188	A	-0.0506
rs258874	G	0.0161
rs115476521	C	0.0684
rs139090658	T	-0.0772
rs11167513	A	0.1236
rs67714388	A	0.0325
rs17840646	T	0.0219
rs115101409	A	0.094
rs74422098	C	-0.1112
rs72735072	C	0.0492
rs11949724	A	-0.0183
rs62372004	A	0.054
rs13184970	A	0.0498
rs12514952	T	-0.0343
rs6883794	C	0.07
rs3914101	G	0.0414
rs2288794	G	-0.0271
rs27011	T	-0.017
rs6894022	T	0.0166
rs3811879	C	0.0188
rs78191176	C	-0.054
rs143097607	C	-0.0531
rs929757	G	0.0168
rs114738076	T	-0.1149
rs148220650	A	-0.0825
rs10491354	C	-0.0267
rs156030	A	0.0417
rs7718220	C	-0.0183
rs17079867	T	0.0543
rs4535467	A	-0.0234
rs26688	C	0.0166
rs4582264	G	-0.0198
rs139956311	T	-0.0668
rs12516458	G	0.0401
rs74635969	G	0.0964
rs147491427	A	-0.0562
rs116520836	C	-0.1117
rs41298318	T	0.0715
rs72771117	C	0.0698
rs141437059	C	0.074

rs9324855	G	-0.0159
rs115539035	T	0.0568
rs114905048	G	-0.1124
rs150866586	A	0.0827
rs112382177	A	0.0916
rs146697834	A	-0.1106
rs7712578	A	0.0374
rs62392878	T	-0.0289
rs111409332	A	-0.1059
rs61468039	C	0.1015
rs34247509	A	-0.0267
rs77938026	T	-0.0433
rs4422549	T	-0.0324
rs72734890	G	-0.0197
rs7720881	C	0.0444
rs2435069	C	-0.0219
rs114490150	A	-0.0815
rs149420761	A	-0.0698
rs6861217	A	0.0251
rs143093730	G	0.1113
rs114773313	C	0.0447
rs7701155	T	0.1099
rs150641322	G	-0.0857
rs10462008	G	-0.0194
rs29918	G	0.0193
rs10060511	G	0.0209
rs35144421	T	0.0157
rs13175612	C	0.0582
rs78821619	C	-0.0916
rs9968642	A	0.0164
rs13184191	C	0.0998
rs12513965	C	0.0355
rs72845182	T	0.0609
rs144662964	C	-0.0808
rs116170604	A	0.0527
rs62351298	A	0.0589
rs330663	T	0.0214
rs111779486	A	-0.0634
rs56341838	C	-0.107
rs155344	C	0.1084
rs62382769	G	-0.0245
rs142833413	A	-0.0727
rs62359711	A	0.0887
rs9765366	T	0.0251
rs11241517	C	-0.0244
rs115309353	G	0.0714
rs138741256	T	0.0797

rs111746628	T	0.0746
rs12153376	T	-0.0359
rs146407773	T	0.0189
rs445410	A	-0.0166
rs145830186	G	0.077
rs116308168	T	0.123
rs147251680	A	-0.1158
rs147493048	G	-0.0931
rs144857590	T	0.0597
rs78701483	C	0.0926
rs116345865	C	-0.0448
rs75895997	T	0.0401
rs7713705	G	-0.0155
rs13153403	G	-0.0156
rs13184674	T	-0.0229
rs34110937	G	-0.1204
rs74391321	A	-0.0972
rs115543657	G	-0.1024
rs115928949	G	-0.0453
rs76773844	A	0.0713
rs72815842	A	-0.0737
rs115687557	T	0.0613
rs331088	G	-0.1227
rs4912660	G	-0.0242
rs75060595	G	-0.0913
rs1301456	A	-0.0166
rs6890933	G	-0.0697
rs71627555	G	0.0852
rs6555377	G	-0.0597
rs74474222	G	-0.0688
rs62333204	A	0.0309
rs42569	T	-0.0456
rs13164208	A	0.0287
rs12186394	A	-0.0315
rs79584479	T	0.0993
rs6877876	G	-0.03
rs7731808	C	-0.0747
rs2973494	G	0.0153
rs39957	C	0.0167
rs34707747	C	0.0293
rs938452	C	-0.0873
rs115950840	C	-0.0556
rs12110006	T	-0.0236
rs115305281	A	-0.0605
rs17836080	C	0.0421
rs112374268	C	-0.072
rs72811356	C	0.0732

rs493321	T	-0.0179
rs10076927	T	-0.0426
rs114839543	T	0.1019
rs17085088	A	0.0565
rs13360326	C	0.0333
rs76179633	G	0.0903
rs717594	C	-0.0582
rs74944515	T	0.0366
rs80007090	T	-0.0968
rs80065157	C	-0.0433
rs113620971	G	-0.0705
rs1460952	C	-0.0374
rs10515513	G	0.0315
rs114558737	T	0.0504
rs11952802	A	0.0177
rs1672486	T	0.0202
rs144272042	G	0.114
rs151002621	C	0.072
rs1121657	A	-0.022
rs3884534	G	-0.0176
rs10462737	G	-0.0252
rs12522820	A	-0.0927
rs4379229	T	-0.0158
rs34858255	A	0.0463
rs79513073	G	0.041
rs34538285	G	-0.0957
rs55974446	G	-0.029
rs2460503	C	-0.0155
rs3922757	G	-0.0195
rs171745	G	-0.0494
rs937621	A	-0.0165
rs79421664	A	-0.0415
rs11249743	T	-0.0222
rs60952816	C	-0.0159
rs1845516	A	-0.0208
rs1580183	G	0.0463
rs78730320	C	0.0819
rs57873423	T	0.0975
rs62387885	C	0.1067
rs116072313	C	0.062
rs1382888	C	-0.0624
rs254572	C	0.0191
rs78055590	C	-0.0454
rs77901845	A	0.0397
rs71615844	T	-0.061
rs115931518	T	-0.0713
rs11953143	T	0.0303

rs10471635	C	-0.024
rs252786	C	-0.0997
rs62390589	T	0.0339
rs6863970	A	-0.0169
rs16885817	T	-0.0263
rs17060195	G	-0.0564
rs2459790	T	-0.027
rs7737075	A	-0.0161
rs344652	C	0.0207
rs1363886	C	0.0216
rs13189850	C	0.0271
rs77351430	T	0.0548
rs140175056	T	0.1232
rs981144	A	0.0172
rs852560	G	-0.0245
rs34109633	C	-0.0227
rs78527211	C	0.047
rs6555857	G	0.0372
rs78433415	A	0.0449
rs35524424	A	0.026
rs10940193	C	0.0216
rs76639436	C	0.1122
rs6885775	G	0.0361
rs3822426	T	0.0188
rs4867096	T	-0.0252
rs11242504	G	0.0239
rs75134071	G	-0.0372
rs1363564	T	0.0245
rs77580679	A	-0.0372
rs62355194	T	0.0288
rs905213	G	0.0156
rs9686337	A	-0.1053
rs115483539	A	-0.0656
rs10065655	C	0.0169
rs116325239	A	-0.0808
rs6892849	G	0.0207
rs12516186	C	0.0158
rs75060506	G	-0.0917
rs56240842	A	-0.0491
rs274714	T	0.0163
rs74765485	C	0.0424
rs7705340	T	0.0291
rs11954765	A	-0.0209
rs140830961	A	0.0719
rs12516620	A	-0.0298
rs56154420	G	-0.0522
rs113162577	T	0.0374

rs113948548	A	-0.0945
rs1494594	C	-0.0223
rs116018226	A	0.0866
rs114532334	G	-0.0418
rs11739949	A	0.0155
rs115605143	C	0.1166
rs139035236	A	-0.0836
rs10075324	T	0.0295
rs76278782	T	-0.0669
rs34057521	A	-0.0871
rs173703	A	-0.0184
rs112000058	T	-0.0673
rs112699376	T	0.0295
rs112830694	C	0.1148
rs450060	T	-0.0297
rs74446937	T	0.0532
rs27485	A	0.0178
rs140788915	A	-0.0738
rs72810065	A	0.0412
rs77483990	A	0.0259
rs74821709	T	0.068
rs71628483	T	0.1097
rs76857366	C	-0.0694
rs884083	T	0.0157
rs463129	C	0.0166
rs7705566	G	-0.0185
rs1833525	A	-0.0223
rs72735252	T	-0.0597
rs114452286	A	0.0902
rs729341	T	-0.02
rs11951043	A	-0.0783
rs145138976	T	0.0481
rs259102	T	0.022
rs72794288	A	-0.081
rs72760907	T	-0.0446
rs72802985	A	-0.0326
rs6898306	C	-0.0159
rs10050584	G	0.027
rs330173	G	-0.0275
rs72792292	T	0.028
rs72773874	C	0.0416
rs75970410	A	0.0814
rs111281890	C	-0.0714
rs13163736	C	0.1304
rs4235601	C	-0.0418
rs138403210	C	-0.0841
rs1457756	T	0.0159

rs117002136	T	0.0733
rs76313312	A	0.0414
rs6450173	A	-0.119
rs80126199	C	-0.0699
rs77887838	T	-0.0958
rs17236381	A	-0.0228
rs116466855	T	-0.0943
rs140888223	C	-0.0678
rs78423633	C	-0.0589
rs115244819	T	0.0929
rs72812336	T	0.0404
rs55828022	G	-0.0343
rs62365247	C	0.0647
rs113730340	T	0.0261
rs11948464	T	-0.0198
rs114985850	T	-0.1093
rs3805435	C	-0.0287
rs6859903	T	0.0182
rs79898340	T	0.0347
rs1963311	T	0.0229
rs78787613	T	0.0913
rs76467337	G	0.0466
rs76052183	T	0.0483
rs13177707	G	-0.0181
rs58954036	T	0.0321
rs80147738	A	0.1399
rs10044050	C	0.0768
rs1001714	G	0.0441
rs743562	T	0.0156
rs10073113	T	-0.0225
rs114845688	T	0.0627
rs17303482	A	-0.0317
rs76691464	A	-0.0718
rs882253	A	-0.017
rs6868319	A	0.0746
rs1060559	T	0.025
rs10940176	G	-0.0232
rs80322095	C	0.09
rs75365643	C	0.0841
rs80083863	C	-0.0714
rs115873564	A	-0.0719
rs4975680	C	0.0173
rs77768119	T	-0.0919
rs115276939	A	-0.143
rs3121689	T	-0.0152
rs116537641	G	0.0557
rs72778783	G	-0.037

rs80303191	C	-0.0377
rs17538629	T	-0.0234
rs62372472	T	0.0388
rs1895436	C	-0.0348
rs11741502	A	-0.0616
rs114111616	A	0.1209
rs73733208	C	-0.0925
rs79613992	G	0.0945
rs62360135	G	-0.0766
rs72759847	G	0.0235
rs6895227	C	-0.0716
rs114871733	A	0.0637
rs62378159	A	-0.0994
rs114612963	T	-0.0986
rs7702122	A	-0.024
rs145482298	C	-0.1148
rs76867997	A	-0.0854
rs71624136	A	0.0779
rs140733734	A	-0.0704
rs142332041	C	0.0685
rs322363	C	-0.0208
rs71609316	C	0.0654
rs115097311	G	0.049
rs12516253	G	-0.02
rs115140284	A	0.0506
rs72768351	G	-0.0705
rs114374563	A	-0.0734
rs7719325	G	0.0184
rs116510005	G	0.0269
rs11747647	C	-0.0209
rs79931155	T	-0.0587
rs114974882	T	0.0695
rs148978753	C	0.0736
rs13172196	A	0.0972
rs4958706	C	0.0332
rs7733905	T	0.0415
rs73334729	G	-0.0205
rs161869	T	0.0151
rs13184487	C	-0.0183
rs145058715	T	0.0867
rs76378431	G	0.0546
rs6862962	T	0.0215
rs56023185	G	-0.0673
rs77105535	T	0.0673
rs114793339	T	0.0452
rs1363138	A	-0.0213
rs10941998	C	-0.0234

rs17519929	G	-0.0187
rs74337987	G	0.0759
rs114850823	T	0.15
rs6886461	T	0.0222
rs72645719	T	-0.0442
rs2853687	A	0.0175
rs11739496	T	-0.0329
rs7705127	G	0.0341
rs71637505	A	0.0427
rs4704611	G	0.0161
rs35786549	A	-0.016
rs139844252	T	0.0561
rs77318359	G	-0.0349
rs62368670	C	0.0482
rs178782	T	-0.0505
rs168463	T	-0.0155
rs113092628	G	-0.1109
rs35551776	G	0.0242
rs422437	T	0.0246
rs74675480	A	0.0468
rs4921040	C	0.0226
rs62331187	T	0.0186
rs12332475	T	-0.0626
rs10052830	T	-0.0601
rs56085567	G	-0.0212
rs77222052	C	0.0653
rs143767084	A	-0.0656
rs74470003	G	-0.0446
rs2330780	A	-0.0157
rs111941445	T	-0.0444
rs10477173	G	0.0169
rs78992920	A	-0.0593
rs12522129	A	-0.019
rs12108894	G	-0.0216
rs27877	C	0.0205
rs10461439	C	0.0177
rs142801833	C	0.0828
rs149789973	T	0.0691
rs75644220	T	-0.1106
rs1104965	T	0.0248
rs4131028	C	0.0696
rs144170534	A	-0.0723
rs68006832	G	0.0362
rs7726574	C	-0.0216
rs147782602	C	-0.0805
rs10866635	T	0.0163
rs71594959	T	-0.0376

rs12513607	T	-0.0282
rs10440671	T	-0.0159
rs9327119	C	0.0156
rs28877570	A	-0.018
rs6871717	T	0.0158
rs4867089	T	0.0183
rs11134138	T	0.0155
rs3846596	A	-0.016
rs12188296	T	0.0405
rs13170328	G	0.0328
rs3798083	G	0.0266
rs36004601	A	0.0159
rs2657471	T	0.0445
rs250323	C	-0.0726
rs72744640	C	0.076
rs4699955	G	-0.0157
rs1973538	G	-0.0188
rs10071342	G	-0.0235
rs2166722	T	-0.0293
rs7709638	C	-0.0154
rs7737771	C	-0.1266
rs146496958	T	-0.0565
rs151863	C	-0.0259
rs2913899	T	0.0276
rs13185048	T	-0.0152
rs72763764	A	-0.1094
rs148749060	A	-0.0619
rs114369638	A	0.0703
rs74329504	A	-0.0646
rs7714366	G	0.0178
rs79457550	A	0.0276
rs4702561	T	0.0163
rs61372352	T	0.1136
rs150444223	A	-0.0723
rs62338567	T	0.0715
rs62379265	T	0.0567
rs74731672	A	0.0989
rs6580150	G	0.0315
rs35474055	A	-0.0345
rs264843	G	-0.0236
rs7446517	C	-0.0208
rs138863998	A	0.1074
rs113674007	G	0.051
rs749965	A	-0.0161
rs77745226	A	0.0535
rs7733387	A	0.0871
rs78690792	A	-0.0297

rs479812	C	0.0173
rs76957203	A	-0.0445
rs112923389	T	0.0435
rs11740143	C	0.0401
rs515443	A	0.0179
rs115666662	G	-0.0529
rs11741219	A	-0.0166
rs148267324	T	0.0796
rs17183978	G	-0.0167
rs35522058	G	-0.0319
rs41271133	A	-0.0525
rs177281	A	-0.0246
rs35881510	G	0.0396
rs164504	A	-0.068
rs4705387	T	0.0162
rs79521616	T	-0.0986
rs12109442	A	-0.0413
rs3798132	T	0.0207
rs62380968	G	-0.0218
rs75162800	C	-0.0411
rs6866600	G	-0.02
rs2069658	A	-0.0191
rs17374573	T	-0.0627
rs78417112	T	0.0794
rs149641852	T	-0.0889
rs17597355	G	-0.0385
rs13171109	T	0.0395
rs12515007	G	-0.0336
rs141172419	A	-0.078
rs1592736	T	-0.0148
rs115556951	T	-0.1096
rs76171396	G	-0.1052
rs7711463	T	0.019
rs115537678	T	-0.1085
rs112397247	T	0.042
rs10038847	T	0.018
rs252802	C	-0.0153
rs114250834	T	0.1027
rs1875981	A	-0.052
rs150848050	A	0.0761
rs74867193	G	0.0451
rs10072082	G	0.0371
rs75885215	A	-0.0409
rs71611366	C	-0.0347
rs115503893	C	0.067
rs4141220	G	0.0162
rs1177764	C	0.0151

rs4975544	A	-0.0183
rs1707082	G	-0.0406
rs13162191	A	-0.0215
rs11750387	T	0.0375
rs72828880	A	-0.0906
rs116739737	T	-0.0713
rs57108856	T	-0.0607
rs1487228	C	-0.017
rs113711068	G	0.1103
rs10057578	C	-0.0158
rs13190572	C	0.0199
rs17844607	G	-0.0541
rs74739320	T	0.0514
rs72771971	G	-0.0244
rs144728538	T	0.115
rs147945648	C	0.0592
rs13162116	T	0.0243
rs13182811	T	-0.0659
rs13170530	C	0.0182
rs59615642	G	0.043
rs7718829	T	0.0888
rs55930118	A	-0.0778
rs76731489	G	0.0586
rs76390533	T	0.0456
rs6895378	G	0.0166
rs72753316	T	0.0458
rs4314456	T	0.0215
rs17287634	A	-0.0236
rs252797	G	0.0235
rs148507203	T	0.1081
rs112363291	A	-0.0511
rs270221	A	-0.0558
rs149722851	C	0.1123
rs11739994	T	-0.0284
rs34698853	T	-0.0262
rs572281	G	0.0217
rs113211483	G	0.0502
rs79459409	A	0.0491
rs116220107	A	-0.0409
rs77196517	A	0.0785
rs138865344	T	-0.0708
rs79208351	A	0.0426
rs10515901	C	-0.025
rs76777518	T	-0.0679
rs6555620	T	0.0228
rs34747519	C	0.0616
rs115407388	T	-0.0704

rs6866421	A	0.0209
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rs17229817	C	0.0646
rs111427748	A	0.0933
rs1195947	C	0.0175
rs17344298	T	-0.032
rs75927865	C	0.0729
rs73064153	C	-0.0812
rs79640551	T	-0.0818
rs77891660	C	-0.0786
rs78947974	G	-0.0648
rs115392132	C	0.0668
rs141075269	T	0.088
rs4370260	G	0.0237
rs79275996	A	0.064
rs72831391	T	-0.0542
rs116469032	T	-0.0961
rs148733061	A	-0.1064
rs263733	T	-0.036
rs56034857	G	0.0313
rs75212378	C	-0.1128
rs7722953	A	0.0322
rs10045126	G	-0.0156
rs138879963	T	0.1357
rs26241	C	0.0441
rs62356362	T	0.03
rs77348008	T	-0.0635
rs11952611	C	0.0184
rs142267165	G	0.0441
rs1353885	T	0.0429
rs4404647	T	-0.0235
rs114841155	G	-0.1224
rs10050596	C	-0.0559
rs76548177	A	0.0612
rs62348041	A	0.0793
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rs145875843	T	0.0285
rs112751821	T	0.06
rs17671990	T	-0.0302
rs2115310	G	-0.0151
rs138007459	A	0.0851
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rs350116	T	0.0557
rs2198891	A	-0.1236
rs4418103	A	-0.0301
rs116691411	G	0.0892

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rs112815023	G	0.0414
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rs11743751	C	-0.0198
rs75697877	T	-0.1112
rs819550	C	0.0154
rs116635665	T	0.0511
rs74428247	C	-0.0326
rs10474658	T	0.0191
rs113077359	A	0.0819
rs76719902	C	-0.0561
rs10064177	G	-0.0158
rs2964154	A	0.0214
rs12657419	A	0.0932
rs13190297	G	0.0172
rs12513559	C	-0.0169
rs114602062	A	-0.0844
rs78776997	G	0.0515
rs17067598	A	0.0398
rs10067727	A	0.0485
rs138296328	A	0.0997
rs138326927	C	0.0961
rs10041702	C	-0.0502
rs79310574	T	0.0679
rs114091179	G	-0.0637
rs74862596	G	-0.0708
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rs17436077	G	-0.0432
rs4836058	C	0.0157
rs7702234	A	0.0655
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rs71594460	A	0.0259
rs10050427	G	0.0206
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rs17206949	A	-0.0755
rs273084	T	0.0242
rs115992025	A	0.0332
rs4146151	G	-0.0204
rs17341948	G	0.0197
rs255524	A	0.0167
rs113090486	A	0.0452
rs31027	A	0.0306
rs793028	T	0.0429
rs262754	T	0.0172
rs57405979	G	0.0175

rs11738531	C	0.0252
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rs35374348	T	-0.0356
rs115543611	A	-0.0718
rs17681146	T	0.058
rs2431716	T	-0.086
rs257363	A	0.0283
rs17831594	A	-0.0196
rs112724647	C	-0.059
rs145389399	T	0.0623
rs12514451	T	0.0163
rs79066570	T	0.0904
rs7734723	T	0.0216
rs79254350	A	0.0751
rs113903721	C	-0.0252
rs67223734	C	-0.0664
rs247732	C	0.0238
rs79638198	A	0.0309
rs62373640	A	-0.078
rs144307263	A	-0.1021
rs80323252	A	-0.0257
rs461660	C	0.015
rs72783231	A	-0.0791
rs10520926	A	-0.0215
rs145460790	G	0.1342
rs10520924	G	-0.024
rs3730090	T	-0.0679
rs80014013	G	-0.1387
rs11959235	T	0.0222
rs55856457	G	-0.0385
rs35448538	T	-0.034
rs1868038	A	0.0166
rs72774403	G	-0.0306
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rs2861947	A	0.0215
rs10491421	A	-0.1296
rs116640576	C	0.0479
rs77327270	G	-0.0673
rs72739357	A	0.0536
rs77905455	G	0.083
rs78921919	A	0.0771
rs145014109	T	0.0769
rs141563031	T	-0.0589
rs56370120	A	0.1158
rs6865969	C	-0.0156
rs7702664	C	-0.0696
rs17055317	C	0.0928

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rs16867918	G	-0.0167
rs56043426	A	0.0149
rs79765511	T	0.0802
rs12514464	A	0.0181
rs2227469	T	-0.0314
rs702072	A	0.0192
rs4302611	C	0.0201
rs79874449	T	-0.0537
rs4835669	A	-0.0156
rs111598753	T	-0.0262
rs77032093	A	0.0929
rs76172503	T	0.0408
rs111728896	A	0.0852
rs2547002	C	-0.0143
rs4868535	A	-0.0223
rs13185464	T	0.0314
rs116016184	G	-0.0388
rs116712401	T	0.0587
rs265989	T	-0.0185
rs114585097	T	0.049
rs146566553	A	0.1574
rs72753416	C	-0.0199
rs30092	C	-0.0392
rs115558511	C	0.0492
rs2055439	C	-0.0149
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rs74450161	G	-0.0819
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rs116214712	T	-0.0329
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rs112999802	G	0.1203
rs12516085	A	-0.0146
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rs113847300	T	0.076
rs137953160	A	0.0498
rs62377126	C	0.0197
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rs76883943	A	0.0746
rs1421763	A	-0.0176
rs76668381	A	0.0587
rs56092644	T	-0.024
rs17151458	A	0.0315
rs34599377	T	0.0962

rs116030935	T	-0.1032
rs12188488	A	-0.0513
rs75701852	T	0.0323
rs139227070	T	0.109
rs80050416	A	0.087
rs114458543	A	-0.0667
rs17301389	A	0.0335
rs75970051	C	0.0451
rs114847179	A	0.0322
rs6868686	C	0.015
rs11749356	G	0.026
rs78558532	T	0.0558
rs111503523	G	0.0517
rs141422582	C	0.0427
rs28452177	T	-0.0369
rs72764607	T	0.0389
rs12109162	G	-0.0185
rs75127828	A	0.0837
rs10941002	A	-0.0151
rs59378166	A	0.0539
rs4141140	T	0.0178
rs7737582	C	0.0163
rs115979124	A	-0.0451
rs114726473	T	0.0515
rs114583874	C	-0.1216
rs2054622	T	-0.0173
rs142460820	C	-0.0836
rs3863200	C	-0.0217
rs116434629	A	0.1229
rs76112808	A	0.047
rs72736135	C	-0.0266
rs34546597	C	-0.0164
rs13181419	A	0.0175
rs142832067	G	0.1095
rs113410158	G	0.0468
rs115135629	C	0.1038
rs72652821	G	0.081
rs148213548	T	-0.046
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rs79369332	T	-0.0566
rs11743679	C	0.0568
rs80126195	T	-0.0635
rs10939944	A	0.0207
rs765631	T	-0.0309
rs1550805	T	0.0266
rs11750334	T	0.0338
rs17366761	T	0.0198

rs1971108	G	0.015
rs12516539	C	-0.0931
rs1501934	C	0.0566
rs13187174	C	-0.059
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rs13181910	C	-0.0154
rs6871614	C	-0.0192
rs7717785	T	0.0341
rs28272	A	0.0352
rs72760064	G	0.1235
rs115112002	C	-0.1123
rs66739650	T	-0.0423
rs114674839	T	0.0728
rs16873324	C	0.0926
rs62366823	G	-0.0612
rs6872949	T	0.077
rs57004341	T	-0.1319
rs113902758	G	-0.0855
rs77635795	A	0.0553
rs6452541	C	-0.0155
rs7703398	C	0.0309
rs114921658	A	-0.0737
rs211005	G	-0.0607
rs75613517	C	0.0603
rs115409086	C	0.0583
rs336949	G	-0.0194
rs114916317	C	-0.0638
rs115171701	C	-0.1175
rs57668018	G	0.0338
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rs72802739	C	0.0605
rs10051273	A	0.0149
rs28473373	C	0.0666
rs13169754	C	0.0357
rs116601610	C	-0.0595
rs114663709	G	0.0646
rs10058318	G	-0.0176
rs12153049	C	0.021
rs889191	G	-0.0152
rs72778390	A	0.0268
rs140057292	T	0.0642
rs141790440	A	0.0652
rs2302179	A	0.0173
rs11133637	A	0.0143
rs4867463	G	-0.0209
rs115905766	T	0.0767

rs349732	T	-0.0187
rs13176868	T	-0.058
rs153912	G	-0.0146
rs11741356	C	-0.0167
rs148317979	G	0.0594
rs146428387	C	-0.0533
rs79818596	A	0.0383
rs17076264	G	-0.0721
rs1566642	T	-0.0155
rs12519432	C	-0.0166
rs1087519	G	0.0159
rs188807	C	-0.0189
rs139726075	T	-0.0658
rs75808768	C	0.0518
rs304584	T	0.0207
rs149181218	G	0.077
rs4921028	T	-0.0271
rs174726	C	0.0275
rs2291705	A	-0.1105
rs406534	A	0.0151
rs79791766	T	0.0858
rs116495636	T	0.0904
rs6889435	C	0.0174
rs4562051	A	0.0167
rs77209042	A	-0.0546
rs139417620	A	0.0225
rs76598703	A	0.0603
rs115973252	A	-0.0498
rs2936194	A	0.0154
rs114975014	A	0.0564
rs17633770	C	-0.0185
rs12656163	G	-0.028
rs2158351	G	-0.0193
rs78536169	T	0.0426
rs62351090	C	0.1073
rs72770115	C	-0.0898
rs11749540	G	-0.096
rs58370320	C	0.0169
rs79957782	C	0.0941
rs79130003	T	-0.1117
rs76484921	A	0.0843
rs114254019	A	0.0871
rs4702506	C	-0.0193
rs17085243	C	-0.0871
rs74917009	A	-0.0593
rs62333940	C	0.0308
rs78601843	C	0.0984

rs77788774	A	0.1251
rs12108943	G	-0.0198
rs6875501	T	-0.0154
rs140299416	C	-0.0802
rs13188052	A	-0.0478
rs17421267	A	-0.0496
rs115946229	A	0.1194
rs114100028	C	-0.055
rs6580060	T	0.0158
rs112159685	A	-0.0624
rs141334107	T	0.0828
rs78127188	G	0.0528
rs11740691	T	-0.0282
rs7700353	G	0.0171
rs17339892	A	0.0161
rs17456679	G	-0.026
rs1449228	T	0.0266
rs72819522	A	-0.0588
rs36092948	A	-0.0749
rs17358216	T	0.0433
rs891988	G	0.0166
rs540027	T	-0.0152
rs113427406	T	0.0473
rs4702062	T	0.0145
rs17100410	G	0.0262
rs62379736	A	-0.043
rs76362414	T	-0.1092
rs13182056	T	0.0233
rs74365663	C	-0.0733
rs79254635	A	0.0382
rs57598127	A	0.0206
rs2441087	C	-0.0165
rs6878088	A	0.0191
rs116680989	T	0.0626
rs413946	G	-0.0151
rs4521516	C	0.0218
rs13176694	A	-0.0408
rs62356558	G	0.0297
rs115489400	G	-0.0991
rs72765244	G	-0.045
rs150560493	A	0.0575
rs167782	T	-0.0344
rs75198420	T	0.0346
rs11739281	T	-0.0583
rs12516040	A	0.0145
rs4565214	C	-0.0186
rs112342917	C	-0.0572

rs34106514	T	0.0481
rs72761254	T	0.0239
rs77711186	C	-0.0367
rs139795283	C	-0.045
rs78500887	C	-0.0771
rs6580210	T	-0.0277
rs161033	T	0.0167
rs76776090	C	0.0784
rs71639972	C	-0.0696
rs1517807	T	0.0511
rs73282718	T	-0.0325
rs77731941	A	-0.0551
rs78797773	A	0.0755
rs142434044	T	-0.085
rs918426	T	-0.017
rs10078182	C	-0.0324
rs4703056	C	-0.0162
rs13167682	A	-0.0164
rs1995375	A	0.0428
rs7715167	T	0.0151
rs62370442	T	0.0308
rs114536711	T	0.1304
rs10477775	A	0.0148
rs12719880	C	0.0173
rs4321728	G	-0.0211
rs17250927	A	0.0171
rs10065179	A	-0.0157
rs6889538	T	0.0235
rs145045198	T	-0.0805
rs12374505	G	-0.0189
rs35119910	A	0.0465
rs78706112	T	0.0368
rs148447521	G	0.1506
rs140912046	T	0.0565
rs75126469	G	-0.0373
rs11744902	G	-0.0162
rs17511061	T	-0.0639
rs6876442	T	0.0342
rs2385957	A	0.0144
rs11746118	A	-0.0255
rs845741	G	-0.0175
rs77702583	T	0.0801
rs7718894	A	-0.0147
rs112898841	T	-0.1184
rs12517252	C	-0.0155
rs146261479	T	-0.0663
rs112461308	A	0.0591

rs4705856	T	0.0951
rs72724261	C	-0.0389
rs75656928	T	0.038
rs4302612	C	-0.016
rs74916355	A	0.0863
rs7708319	A	0.0164
rs700612	C	0.0583
rs77536080	G	0.0616
rs149494635	C	0.0691
rs1363672	G	-0.0142
rs72735255	A	-0.0381
rs10071187	G	0.0224
rs3761772	G	-0.0227
rs16878160	A	-0.0677
rs116395790	G	0.0607
rs140958748	C	-0.0973
rs61603987	A	-0.0273
rs41290585	G	0.0468
rs11747969	T	-0.0194
rs114694513	C	0.0626
rs77198701	C	-0.0378
rs17580372	T	0.0642
rs113005080	C	0.0918
rs17547112	T	0.0145
rs145016664	T	0.0427
rs13164814	A	-0.0267
rs79922460	T	-0.0461
rs72747423	A	-0.0291
rs60756038	C	-0.0276
rs6860374	T	0.0405
rs13179226	G	-0.0646
rs116251837	A	0.1177
rs218318	C	-0.0157
rs145888104	A	0.0971
rs35503473	T	0.0236
rs9324755	C	-0.0203
rs11249621	G	0.0176
rs1696979	T	0.0149
rs4361563	C	-0.0969
rs12515823	C	-0.0234
rs74327653	C	-0.0557
rs2163777	G	-0.0233
rs1482344	A	0.0198
rs7704815	G	0.051
rs145011468	T	0.0476
rs10071738	A	-0.0216
rs10057533	G	-0.0195

rs114953360	C	-0.0628
rs154516	G	-0.0148
rs72839821	T	0.0484
rs11959064	A	-0.0153
rs150537186	G	-0.0524
rs4705346	A	0.0904
rs62376006	G	0.0201
rs2936997	G	-0.0196
rs4431350	A	-0.0149
rs7731095	T	-0.0281
rs72770698	G	-0.1086
rs72762121	A	0.0458
rs2910598	C	-0.0195
rs2052007	A	0.0207
rs17776353	C	-0.0503
rs16878218	G	0.021
rs17147703	G	0.0238
rs7702671	T	0.0171
rs34174836	T	-0.0498
rs147072238	T	-0.0842
rs139578818	C	0.0687
rs13175455	C	-0.0205
rs307807	G	0.0177
rs2567564	G	0.0226
rs1379311	T	0.0542
rs115264096	C	-0.072
rs148877732	G	-0.0682
rs341925	C	0.0155
rs71637297	T	0.0535
rs150001568	T	-0.0819
rs139397694	C	-0.0396
rs7733007	T	0.0724
rs148351999	C	-0.0705
rs112291903	A	-0.0822
rs1477321	T	-0.0165
rs80179159	G	-0.0425
rs2287768	C	0.0204
rs13159757	T	-0.0155
rs149509	G	0.0215
rs13183782	T	0.0802
rs76165831	C	-0.0317
rs72771237	C	-0.0704
rs11739086	G	-0.0255
rs17594296	G	-0.0319
rs2034488	T	-0.0194
rs78601570	T	-0.0785
rs4566808	A	0.0163

rs35646068	T	-0.0594
rs147373103	T	-0.0155
rs35622184	T	0.0761
rs147512038	A	0.0842
rs624846	G	-0.0502
rs150068295	G	0.0701
rs6873187	A	0.0252
rs1494678	G	-0.0172
rs10052719	G	0.0175
rs115077319	T	-0.0777
rs1003371	A	-0.0152
rs187413	G	-0.0143
rs13174549	T	0.03
rs59944075	G	0.0202
rs17538857	A	0.0199
rs75228081	G	0.0692
rs145290357	T	-0.1239
rs62390292	G	-0.0661
rs77289896	C	0.119
rs10055619	T	-0.0248
rs10050399	C	-0.0166
rs72817212	A	0.0313
rs10064609	A	0.0149
rs72749986	A	-0.0407
rs116286908	G	-0.0881
rs60150178	C	-0.0206
rs62371267	T	0.0368
rs73783053	T	-0.0433
rs61181426	T	0.0329
rs116306695	C	0.0914
rs299318	T	-0.0368
rs74700482	A	-0.0998
rs7707498	C	0.015
rs74469597	T	-0.0514
rs700934	A	-0.0406
rs4957787	T	-0.0174
rs147089578	A	0.0443
rs28363347	T	0.0862
rs7707863	A	0.0189
rs17370371	T	-0.0573
rs148010405	A	0.0764
rs13156607	T	0.0179
rs1470866	T	-0.0185
rs637396	T	-0.0144
rs114018794	G	-0.0747
rs115437789	T	0.0264
rs57882180	A	-0.0495

rs277334	T	0.0236
rs148815245	T	-0.086
rs114790929	G	-0.0788
rs116523421	C	-0.1016
rs7734184	C	0.0209
rs72805393	G	0.0292
rs139126213	T	-0.0414
rs2544916	T	-0.0425
rs10077623	G	0.0286
rs13189311	G	-0.0267
rs315802	G	0.0217
rs78859670	C	-0.1412
rs1991504	A	0.0177
rs80237554	T	-0.0635
rs111566331	G	-0.0965
rs310904	T	-0.0347
rs12522269	C	0.0194
rs77163496	C	-0.0549
rs17494594	T	-0.1044
rs72801094	C	-0.0904
rs10940140	T	0.0261
rs78276986	T	0.0686
rs77228903	T	0.1291
rs62351093	G	0.0216
rs115123856	G	-0.0778
rs75078870	C	-0.0426
rs11741811	A	0.0591
rs17649710	T	0.0204
rs17825047	G	0.1156
rs171757	C	-0.0151
rs114719782	C	-0.1217
rs111395412	T	0.1054
rs115178567	T	-0.0699
rs12518216	T	-0.0263
rs148984658	A	0.0732
rs13173741	G	-0.0144
rs331905	A	-0.075
rs4868006	A	0.0687
rs143889436	G	0.1281
rs16875916	T	0.0903
rs75039256	G	0.0778
rs145549790	G	0.0591
rs79819432	G	0.0805
rs114736407	T	0.0502
rs146394620	T	-0.1066
rs76794628	G	-0.0699
rs17166590	C	-0.0156

rs55934881	C	-0.0239
rs56055373	T	-0.0368
rs114491743	T	-0.0934
rs139468359	C	0.0782
rs148597378	C	-0.0707
rs13181696	G	-0.0189
rs61746772	A	0.07
rs41236	G	-0.0142
rs1438290	T	-0.0171
rs7726646	G	-0.0199
rs6880249	C	-0.0165
rs457778	G	0.015
rs77573837	C	-0.0835
rs1553847	A	0.0147
rs62357089	C	0.0161
rs113992298	A	-0.0809
rs1837253	T	0.0163
rs11744366	T	-0.0843
rs6885113	C	-0.0472
rs79151187	T	-0.0557
rs67723751	A	-0.0431
rs75300697	A	0.0633
rs115038111	A	0.0675
rs7729316	T	0.0222
rs17534675	C	0.0503
rs294967	T	0.079
rs116550072	T	0.0651
rs17070509	T	0.025
rs731998	C	-0.0576
rs3095989	T	0.0146
rs13162927	T	-0.0624
rs163614	G	0.0188
rs12515227	C	0.0156
rs79347666	C	0.0755
rs76003654	T	0.0255
rs2859576	C	0.0227
rs74605597	G	0.0594
rs3995521	G	0.0212
rs56222943	T	0.0327
rs115409090	C	-0.0335
rs114321240	T	-0.0628
rs72756432	C	0.0281
rs10052870	T	0.0857
rs72762226	T	0.0259
rs6888139	C	-0.0267
rs74405117	G	0.1016
rs6890213	T	0.0299

rs2962333	C	-0.0294
rs13155798	T	0.0269
rs1697823	G	0.0211
rs2731694	A	0.0153
rs7727037	C	-0.0218
rs139420929	G	-0.1032
rs72793008	T	0.0223
rs10078761	A	-0.0173
rs464610	G	-0.0155
rs6876265	A	0.0144
rs73058483	A	0.0391
rs143741970	A	-0.0631
rs72829354	A	0.028
rs169260	G	-0.0407
rs62343091	C	-0.0476
rs7720468	A	-0.0308
rs146249247	T	0.064
rs72806611	G	0.0675
rs7707542	G	0.0149
rs2101404	C	0.0139
rs116445630	G	-0.0604
rs13189047	A	0.0172
rs147122750	G	0.1155
rs36129368	A	0.0351
rs139437258	G	0.0584
rs6878299	A	0.0424
rs10035578	G	0.0172
rs1039440	A	-0.014
rs114860533	T	0.0529
rs115131295	A	0.0969
rs62359170	T	0.0265
rs16871887	C	-0.0217
rs79408210	A	-0.0209
rs115816219	A	-0.049
rs148399126	T	0.0492
rs71622114	T	-0.0227
rs12515992	C	0.0216
rs4578	T	-0.0142
rs114371318	C	-0.0907
rs72733133	A	0.0621
rs78420634	A	0.0675
rs354595	C	0.0644
rs62398839	T	-0.0755
rs6555594	A	-0.0172
rs140281173	T	0.0748
rs10035317	G	0.046
rs142654715	G	0.0869

rs1504967	A	-0.0199
rs143804536	C	-0.0935
rs76962772	C	0.0585
rs80157421	G	0.0595
rs116736573	C	0.1084
rs444932	A	0.0368
rs2051803	C	0.1031
rs144252892	T	0.0719
rs77088033	A	-0.1129
rs78945092	T	-0.0378
rs78747339	G	0.0929
rs13178127	G	-0.0335
rs10520025	A	-0.0194
rs116064644	G	-0.0769
rs78786231	C	0.0664
rs10471970	C	0.0698
rs2562301	C	-0.0581
rs13169416	G	0.0903
rs113269494	A	-0.0607
rs77203066	T	0.0906
rs111519852	A	-0.0625
rs1390670	C	0.0224
rs7713002	A	0.0144
rs75780649	A	-0.0489
rs62329579	A	-0.1282
rs79858994	G	0.0865
rs145240814	A	-0.071
rs62345573	C	0.0159
rs17181344	A	-0.0193
rs116519778	G	-0.0643
rs114786181	A	0.0855
rs7703161	T	-0.0271
rs114458957	T	-0.0477
rs7718704	G	-0.0797
rs10069553	G	0.0181
rs144242778	T	-0.0775
rs66493052	A	0.0149
rs73028895	A	-0.0397
rs116988772	A	0.0668
rs148287599	C	-0.0681
rs78231579	C	-0.0563
rs76519040	G	0.0722
rs34420374	G	-0.0196
rs254238	A	0.0219
rs114269238	T	-0.071
rs78055219	T	0.0724
rs2896245	T	0.017

rs62364032	C	-0.0467
rs28383127	T	-0.0888
rs147694756	A	-0.1223
rs10059388	A	-0.0151
rs10053714	C	0.0632
rs76862096	G	-0.0594
rs3822511	T	-0.0246
rs12522315	A	0.0199
rs632993	A	0.0143
rs76057453	A	0.0852
rs6879079	G	-0.0184
rs78154935	G	-0.0711
rs116297720	A	-0.0986
rs56076160	G	0.0608
rs116444035	C	-0.0679
rs148161264	G	0.0687
rs7724288	T	0.0558
rs138807259	T	0.0535
rs113309176	A	0.0781
rs188841	G	0.0195
rs112203761	T	-0.1008
rs78238012	G	0.0564
rs31341	G	0.0219
rs2471159	A	0.0567
rs3188121	A	0.0629
rs140711025	A	-0.0635
rs4701115	C	0.0265
rs62364723	T	-0.0604
rs10070462	A	-0.0297
rs10068957	G	-0.0183
rs79331981	G	0.0358
rs10512742	A	-0.0294
rs400595	T	0.0171
rs12515837	C	0.0386
rs116270229	A	-0.0718
rs73195425	C	-0.0439
rs2900119	C	-0.0155
rs28849434	A	0.0282
rs139240554	T	0.1139
rs33878	C	-0.0175
rs113521612	T	0.0548
rs13177865	A	-0.0292
rs72801485	G	-0.0291
rs114746313	G	0.0599
rs6864823	A	0.0394
rs11742846	A	-0.0158
rs78192148	T	-0.0852

rs111543038	T	-0.0845
rs73219359	G	0.1124
rs1505007	A	0.0234
rs17513975	C	0.0855
rs62364027	C	0.0234
rs10078465	T	0.0352
rs62397841	C	0.0188
rs12652220	A	0.0196
rs62377920	C	-0.0325
rs56223687	T	0.1046
rs114828602	C	0.0917
rs28668657	A	-0.0452
rs314127	A	-0.0226
rs76875894	C	0.0822
rs148535205	T	0.0985
rs143224177	G	0.0727
rs4100170	A	-0.0299
rs79372425	A	-0.058
rs115276372	C	-0.0346
rs78844764	A	0.0313
rs7446362	A	-0.0187
rs17431165	G	0.0508
rs17064971	C	0.0156
rs77969063	G	-0.0234
rs55808226	A	0.1013
rs1864041	A	-0.0157
rs137910526	C	0.1216
rs61489938	A	-0.0272
rs17229124	T	0.1161
rs78668600	G	-0.0679
rs62389377	T	0.0603
rs11750732	A	-0.0508
rs358537	G	0.0747
rs11241819	C	-0.0182
rs57400361	C	-0.1116
rs72758674	G	-0.0166
rs3857232	A	-0.0212
rs75794170	A	-0.0542
rs142967351	A	0.0721
rs147113236	T	-0.0619
rs3736432	T	-0.0196
rs116535333	G	-0.0506
rs11749641	T	-0.0485
rs2914315	G	0.0149
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rs114100434	T	-0.087
rs77376470	A	-0.0399

rs7701510	T	-0.0142
rs114072432	T	-0.1334
rs59548637	G	-0.0338
rs138548309	G	-0.0391
rs34486666	T	0.0218
rs10067199	A	-0.0164
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rs72802705	C	0.0477
rs12514981	C	-0.0276
rs150643922	G	-0.0526
rs79433674	C	0.0462
rs72805937	C	0.0474
rs139477807	T	0.0667
rs11738064	A	-0.0304
rs77139126	T	0.063
rs1391126	C	0.0148
rs2929726	A	-0.0136
rs13187321	A	0.0325
rs34727555	G	-0.1033
rs7446534	A	-0.0269
rs17079413	T	0.0485
rs71630720	T	0.0498
rs11958054	T	0.0617
rs4866478	G	0.0781
rs1651766	T	0.0174
rs9790977	T	0.0419
rs10065841	T	0.0144
rs35524	G	-0.0143
rs72804343	A	-0.043
rs27047	C	-0.0189
rs143779626	C	-0.0879
rs62379760	C	0.0235
rs10077390	T	0.0217
rs62333311	G	-0.0443
rs11747529	T	-0.0171
rs144512987	T	0.0506
rs55827115	C	0.023
rs77610878	T	0.0436
rs4262111	A	-0.0347
rs113448121	A	0.0559
rs116139367	C	-0.0884
rs283447	G	0.0204
rs11742768	G	-0.0163
rs138849335	G	-0.0565
rs148969045	T	0.09
rs2292268	G	-0.0284
rs2002075	T	0.0188

rs148824467	A	-0.0938
rs32973	G	0.0202
rs115454586	C	-0.0785
rs73773337	A	-0.0497
rs4958100	T	-0.0155
rs114009882	T	0.0818
rs57163327	A	0.0611
rs17701436	C	-0.0365
rs4269289	T	0.0519
rs77766537	C	-0.0849
rs72815228	C	-0.0254
rs298519	C	-0.0145
rs10060763	T	-0.0152
rs58895956	T	-0.0284
rs10054338	A	0.1042
rs10063471	T	0.0138
rs34358086	T	-0.0275
rs10513144	G	0.0156
rs1286371	C	-0.0163
rs72831032	T	-0.0448
rs79394843	T	-0.0526
rs17519206	T	-0.0692
rs10060075	C	-0.0318
rs78561520	A	-0.0685
rs75699956	C	-0.0755
rs77136039	A	0.0492
rs10515490	A	-0.0374
rs74600056	G	0.0363
rs929763	A	-0.0171
rs13167016	A	0.0167
rs12654005	G	0.0149
rs72813904	T	-0.1111
rs435913	T	0.0411
rs12658202	C	-0.0147
rs12656910	A	0.0261
rs10066238	C	-0.0409
rs34207034	A	0.0538
rs13436405	T	0.0381
rs62356604	C	0.085
rs75664479	G	0.0581
rs35291988	T	0.084
rs72810631	A	-0.0546
rs17082783	A	-0.0442
rs13158571	A	0.0642
rs78112089	T	-0.0461
rs7708798	C	-0.0267
rs13189187	C	0.0312

rs795516	T	-0.0208
rs6896215	G	-0.05
rs13156083	C	-0.0652
rs72818213	T	0.0374
rs79307816	T	-0.0264
rs114447383	A	0.085
rs2900724	G	0.0149
rs13158954	T	0.0141
rs4073918	C	0.0163
rs150206711	C	-0.0554
rs78258004	A	-0.0825
rs17660141	T	0.0255
rs34449304	T	-0.05
rs3010256	C	-0.0612
rs758588	A	0.0164
rs115449545	C	0.0551
rs632441	A	0.014
rs148148994	A	0.0751
rs76409056	T	0.0301
rs78844769	T	-0.0479
rs17445968	G	0.0361
rs17301661	G	0.0337
rs113830368	T	-0.0472
rs78558832	A	-0.1043
rs7379260	A	0.064
rs6596230	C	-0.083
rs10515167	G	-0.0146
rs59532905	A	0.0668
rs201671	C	0.0196
rs4704542	C	-0.0252
rs56153101	A	0.0284
rs74766152	G	0.103
rs17432084	G	-0.046
rs261130	C	-0.0219
rs1974829	A	0.0296
rs74686451	T	-0.0487
rs2887091	G	0.0225
rs141456335	T	-0.0591
rs59340608	T	0.0165
rs6878970	T	-0.0316
rs34653266	G	-0.0749
rs140900432	G	-0.0669
rs113943813	C	0.0603
rs72746302	C	0.0666
rs116467373	G	0.0329
rs2589658	C	-0.0143
rs161545	G	0.0472

rs12186525	C	0.0205
rs6888660	C	0.0136
rs140004097	C	-0.0684
rs60174623	G	0.026
rs147195349	G	0.1237
rs77558518	A	0.0435
rs6882848	T	0.0236
rs72831365	C	0.1392
rs34278891	G	-0.0212
rs78741891	A	-0.0589
rs11134494	A	-0.0278
rs16870625	A	-0.0241
rs1982928	T	-0.0221
rs62372303	T	-0.0557
rs1470990	A	0.0257
rs17425291	G	-0.0147
rs6866506	C	-0.0148
rs1849555	G	-0.0163
rs4958464	T	-0.0556
rs116464056	A	0.0765
rs2591529	T	0.0245
rs17251179	C	0.0322
rs1349364	G	0.0264
rs55904947	T	0.0209
rs113189773	G	-0.0505
rs114223012	A	-0.1202
rs117424359	A	0.066
rs35603591	A	0.0342
rs7729710	C	0.0151
rs72807386	T	0.044
rs115055295	G	0.0834
rs149875907	A	0.0595
rs6875544	A	-0.0415
rs62348777	A	0.021
rs79290638	A	-0.0844
rs112090774	A	-0.0531
rs7726728	T	0.0523
rs143601530	A	-0.054
rs40680	G	0.0209
rs248452	A	-0.0146
rs35888677	G	0.0307
rs62342472	C	0.0368
rs4868241	C	-0.0144
rs116040832	C	0.0587
rs338660	A	-0.0165
rs78178436	T	0.0327
rs17054386	G	-0.0445

rs163439	G	-0.0198
rs114693310	C	-0.0606
rs111665201	A	-0.0683
rs62360600	T	-0.0809
rs62379817	T	0.0574
rs80326256	C	-0.0832
rs72748151	C	0.0285
rs2188958	T	-0.014
rs74391107	C	-0.0596
rs75426653	A	0.0341
rs4704722	G	-0.0302
rs62378200	T	-0.0765
rs145921378	G	0.0579
rs1840160	T	-0.0533
rs75863230	G	0.0533
rs115522995	T	0.0804
rs76330189	A	-0.0677
rs115698988	A	0.0516
rs114563449	G	-0.0683
rs12522517	A	0.0239
rs336472	T	-0.0201
rs75433226	A	0.0347
rs79690271	G	0.0845
rs112551564	G	-0.0526
rs35949741	T	-0.0198
rs2964093	T	0.0209
rs150387082	C	0.0911
rs145264430	A	-0.1021
rs12657131	G	0.023
rs1363787	A	0.0156
rs76306129	A	0.0308
rs77657594	A	-0.0683
rs145749214	G	-0.0584
rs4976753	T	0.0368
rs1816148	C	-0.0274
rs12516297	T	0.0637
rs7712180	G	-0.0271
rs155805	T	0.024
rs76922282	A	-0.0493
rs115783940	A	-0.0799
rs79711597	A	0.0841
rs17236680	A	-0.0252
rs76945796	G	0.0222
rs79915152	T	-0.0674
rs76221446	C	0.0454
rs3849775	C	-0.0251
rs853163	A	0.015

rs73033840	G	-0.0254
rs11134725	G	0.0232
rs7711399	G	-0.0141
rs150716282	A	-0.056
rs33035	C	-0.0204
rs113226216	C	0.0503
rs819571	T	0.0204
rs160991	A	-0.0151
rs7720174	A	-0.0256
rs114487065	C	0.0683
rs116079739	T	0.047
rs139857891	C	0.1022
rs78377068	A	0.0624
rs114511498	T	-0.0397
rs34347717	T	0.048
rs35817396	G	0.0221
rs6878535	C	0.0156
rs144894220	C	-0.0762
rs35627320	C	0.082
rs139221186	C	-0.0851
rs75854843	T	0.09
rs7708314	T	0.0211
rs75454996	G	-0.0712
rs62350973	C	0.0213
rs145199040	T	0.0716
rs6859771	C	-0.0149
rs16869392	C	-0.0214
rs1490778	A	-0.0157
rs2190783	A	0.0149
rs7723514	G	0.0452
rs34851705	A	-0.0245
rs418957	C	0.0752
rs6863657	A	-0.0267
rs142651456	A	0.0663
rs2910203	G	0.0643
rs10478871	A	0.0134
rs35442571	A	0.0972
rs72727222	T	0.0599
rs2068984	A	0.0359
rs35266320	T	-0.1216
rs10044582	A	-0.0157
rs72796431	A	0.0705
rs58515314	A	0.0548
rs114203104	G	-0.0855
rs12655804	C	0.0212
rs26906	T	-0.026
rs71626147	T	0.0645

rs145520666	A	-0.0633
rs56174930	G	-0.0973
rs1835055	C	0.0134
rs6859714	C	0.0234
rs57297544	A	0.0372
rs1106449	C	-0.0149
rs77643156	C	-0.0812
rs160068	A	0.0249
rs148824188	C	0.1039
rs783781	A	0.0145
rs142269587	C	0.1061
rs255332	T	0.0164
rs28419071	C	-0.0345
rs1545708	C	-0.0175
rs150431495	A	0.0484
rs7722066	T	-0.0155
rs142313781	T	-0.043
rs116214561	T	0.0546
rs158341	G	0.0138
rs322397	T	-0.0615
rs116527706	G	-0.0578
rs12188806	A	0.0592
rs10077808	A	0.0314
rs10068105	C	-0.0151
rs141263578	G	-0.1006
rs2963155	G	0.016
rs10061592	T	-0.0166
rs79525479	G	0.0556
rs4392641	G	0.0183
rs142853547	T	-0.0734
rs75604905	A	0.0437
rs76668783	T	-0.0548
rs111990800	T	-0.0347
rs10491465	T	-0.0597
rs143929693	A	-0.072
rs80340494	C	0.0626
rs141771168	A	0.0868
rs60667734	C	0.0228
rs28556920	A	0.0412
rs4700952	G	-0.0269
rs7701438	T	-0.0399
rs17342020	C	-0.0258
rs2455377	T	0.0148
rs62372578	C	0.0654
rs17290929	A	0.0152
rs78581596	C	0.0332
rs11134559	T	0.05

rs116254795	G	-0.0878
rs16879231	A	-0.0232
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rs75475091	A	-0.0722
rs75460850	C	-0.0197
rs450944	A	0.0622
rs76224959	G	0.1
rs7728770	T	-0.0181
rs147575018	G	0.0537
rs2932318	T	-0.0328
rs114129967	G	-0.0337
rs72764207	T	-0.0639
rs114380160	G	0.0605
rs138145985	G	-0.054
rs2075612	T	-0.0206
rs72769411	G	-0.0516
rs1014643	G	-0.0168
rs62385329	T	0.0557
rs34553240	G	0.0264
rs114110222	T	0.0428
rs2974537	A	0.0745
rs13184609	C	0.0471
rs6893034	A	0.0496
rs13362304	G	-0.0158
rs60420739	T	0.0359
rs17138646	G	0.0208
rs77404353	T	-0.0419
rs141679948	G	-0.1271
rs315755	A	-0.0257
rs79931555	G	0.029
rs115825538	A	-0.0243
rs113054286	A	0.0735
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rs35945862	A	0.0143
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rs75120780	A	0.0328
rs114895921	G	0.0636
rs115715686	G	0.0561
rs78540823	A	0.0484
rs79772796	C	-0.0591
rs76899255	A	-0.0417
rs76386529	G	0.0244
rs12515163	G	-0.0201
rs72822730	T	-0.0242
rs62328822	G	-0.0206
rs256294	C	0.0167
rs75471630	T	0.0358

rs1366604	G	-0.013
rs17286171	T	0.0192
rs6885426	T	0.0248
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rs12658353	C	0.0457
rs72667128	G	-0.0809
rs159388	T	-0.0147
rs79912543	G	0.0411
rs34369404	A	0.0603
rs172362	C	-0.0184
rs114556846	T	0.0693
rs6869645	T	0.0291
rs78490604	T	-0.0532
rs3815763	C	0.0316
rs79356121	A	-0.0433
rs111502718	A	0.0912
rs150458038	T	-0.0898
rs1284641	G	0.0203
rs79508398	A	0.0533
rs115910468	T	0.0811
rs75706031	A	-0.0669
rs149260376	A	-0.0575
rs77706140	G	0.0314
rs62336924	T	-0.0137
rs72802913	T	-0.0394
rs115561052	A	-0.0662
rs58038450	G	-0.0725
rs139263931	A	-0.0637
rs60615228	C	-0.029
rs140216398	A	-0.06
rs141192907	C	0.0685
rs111640720	T	0.0743
rs12515686	T	0.0504
rs77272660	G	0.1131
rs80155052	T	-0.0431
rs33385	A	0.0192
rs116378066	G	0.077
rs149959982	A	0.0941
rs75961053	G	0.055
rs1990897	G	-0.0148
rs378361	A	-0.0141
rs41309138	A	-0.1091
rs114073958	A	0.0375
rs71621887	A	0.0158
rs11958604	A	-0.0189
rs6882208	A	0.0161

rs76878863	T	0.0483
rs62360023	A	-0.0173
rs111465844	T	-0.0537
rs17609095	T	0.0714
rs113648319	T	0.08
rs1423114	G	-0.0643
rs75801160	T	-0.0498
rs1432975	T	0.0277
rs75714224	C	0.0684
rs62379458	C	0.0923
rs115636397	A	0.0834
rs12519849	G	-0.0145
rs6449807	T	0.0225
rs141131225	T	-0.0229
rs72792256	G	0.0519
rs34964755	T	-0.0812
rs150102730	A	0.0135
rs79304882	T	0.0414
rs116616277	A	0.0569
rs111342705	A	0.046
rs78992167	A	-0.0757
rs113249351	T	-0.0733
rs116225615	T	-0.0519
rs32466	T	-0.0182
rs76807531	T	-0.0796
rs114447625	A	0.0551
rs115751208	T	-0.0527
rs13181108	T	0.0487
rs1508883	G	0.0152
rs72737735	T	0.0514
rs13173010	T	0.0357
rs35243222	T	-0.0303
rs78392002	T	-0.0627
rs77423390	T	0.0492
rs150342774	G	-0.08
rs3851474	G	0.0248
rs6878827	G	0.0237
rs10939863	C	0.014
rs250008	T	-0.0141
rs17629424	C	0.0286
rs141998983	A	-0.1187
rs62365562	A	0.0245
rs149194407	A	0.1052
rs74652789	T	0.047
rs62347189	G	0.0285
rs76845127	T	-0.034
rs6594530	G	0.0161

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rs56409388	G	-0.0456
rs140238751	G	-0.0746
rs77520614	T	-0.0885
rs116141798	A	0.093
rs4593230	C	-0.0227
rs116513181	T	0.0548
rs4703261	T	0.0134
rs74994751	C	0.0779
rs7732840	A	-0.0255
rs9885512	C	-0.0191
rs112732303	A	-0.0481
rs267403	A	0.0134
rs6875904	T	-0.0465
rs114322497	A	0.0335
rs11749139	G	-0.0345
rs974847	C	-0.0138
rs153411	T	-0.0147
rs34884555	A	-0.0213
rs79109957	C	-0.0718
rs7714402	C	-0.0144
rs28439930	C	0.0135
rs75213821	T	-0.0921
rs4583881	G	-0.0412
rs115975873	A	-0.063
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rs17614174	C	0.0231
rs146580046	C	-0.0692
rs13170976	A	0.0148
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rs7735724	T	0.0136
rs79828202	G	0.0683
rs2909788	A	0.0518
rs114048671	T	-0.0993
rs10068900	A	-0.0144
rs146236379	A	-0.1162
rs7341045	T	0.0445
rs11743661	A	-0.0153
rs17749497	T	-0.0416
rs35647190	T	-0.1018
rs17546357	C	0.0373
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rs144496652	T	-0.0651
rs139554519	T	0.0633
rs17626893	G	0.0273
rs114106626	T	0.0454

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rs1428135	C	-0.0136
rs140490373	C	0.1271
rs141159574	T	-0.0409
rs12656634	T	0.0352
rs32815	G	-0.021
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rs116463838	C	0.1004
rs10479055	C	-0.0152
rs76646154	A	-0.0836
rs10063304	G	-0.0205
rs13165588	T	-0.0384
rs74665254	C	-0.0583
rs7710192	T	-0.0237
rs67672984	A	-0.0136
rs72830347	A	0.0598
rs113850298	A	0.0363
rs702519	A	0.0178
rs73791718	T	0.0465
rs79096996	T	-0.0556
rs863118	C	0.0138
rs141195591	A	-0.0572
rs114458512	A	-0.0683
rs77363425	A	0.0432
rs987651	G	-0.0191
rs11747044	C	0.0411
rs62354927	A	0.0547
rs78143711	T	0.0434
rs138209529	A	0.0685
rs62402626	A	-0.0422
rs114980322	G	-0.0535
rs145434002	A	0.0789
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rs17662639	T	-0.0198
rs111772294	A	0.0344
rs288872	A	-0.0136
rs12332301	T	-0.0212
rs75108785	T	0.0404
rs55946719	T	-0.0378
rs139094104	A	-0.144
rs115611385	T	0.0896
rs71601314	T	0.0465
rs115545694	T	-0.0362
rs114758842	G	-0.0523
rs114227825	C	-0.0561

rs7729009	A	-0.0146
rs78068123	C	0.114
rs150561871	A	-0.1293
rs143199201	A	-0.0645
rs73788980	T	0.0768
rs80258189	A	0.0843
rs116421750	T	0.0967
rs74491427	T	0.0819
rs11960122	G	0.0179
rs9327409	T	0.028
rs10040899	A	-0.0171
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rs73779892	G	0.0541
rs6892455	C	0.0186
rs150367039	A	-0.0409
rs144190228	G	0.1309
rs72750636	C	-0.0225
rs712546	G	0.0508
rs62355499	T	-0.017
rs12187560	T	-0.0224
rs77801681	T	-0.0485
rs6893339	C	0.0156
rs75488845	A	0.0576
rs12514687	A	-0.0513
rs11952725	C	0.0367
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rs17384913	T	0.0268
rs329828	T	-0.0224
rs78166047	G	0.0394
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rs67399707	A	-0.0247
rs114832061	A	-0.0348
rs144405476	G	0.0714
rs7735308	T	0.0418
rs76657877	T	-0.0564
rs115981903	C	0.0531
rs16876243	G	0.026
rs75833824	A	-0.0418

rs75503645	A	0.0388
rs353247	T	-0.0133
rs114128552	A	-0.0294
rs17206432	C	-0.0589
rs153512	T	0.0136
rs34536507	A	0.0434
rs62357926	T	-0.0235
rs4867046	C	0.0289
rs72747728	G	0.0553
rs10076509	T	-0.1059
rs58274722	T	0.0134
rs62358755	G	0.0147
rs75549217	T	0.056
rs139716206	G	0.0652
rs6450922	G	0.0181
rs7717673	T	0.022
rs56227820	T	0.0506
rs149062489	A	-0.0662
rs4868851	G	-0.014
rs78718653	T	-0.0646
rs57363479	T	0.0283
rs76600039	T	0.049
rs79173044	G	0.0384
rs2170901	C	-0.0135
rs142861020	C	0.0575
rs113283247	G	-0.0569
rs4958992	G	-0.0253
rs61036452	T	0.0143
rs4131470	G	-0.014
rs6862821	G	0.0244
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rs10155513	G	-0.0311
rs145408518	C	0.0879
rs114673678	T	-0.0901
rs115302814	G	0.0772
rs792989	T	0.043
rs835126	G	-0.0481
rs12651830	A	-0.0313
rs35215562	C	0.0453
rs2964436	A	-0.0288
rs2637078	A	0.0148
rs75652764	T	0.1156
rs77646712	A	0.0501
rs6885855	G	-0.0167
rs13174900	G	0.0152
rs1298928	G	0.0171
rs17517907	G	0.0231

rs77458454	G	0.0524
rs39597	T	-0.0163
rs139276758	A	-0.0702
rs13187351	T	0.0535
rs73361464	A	0.0426
rs7725661	T	0.0172
rs75921978	G	0.0414
rs114428655	A	-0.0542
rs146709953	C	0.0977
rs114469173	A	-0.059
rs463240	T	0.0335
rs6893446	A	0.0251
rs2961934	T	0.0194
rs34724631	A	-0.0522
rs17109884	C	-0.0491
rs62395040	T	0.0146
rs112371752	C	-0.0571
rs347994	T	0.0146
rs71592582	A	-0.0883
rs4958094	A	0.037
rs2895167	A	0.0135
rs16903409	G	0.0185
rs114845406	G	0.0382
rs12517880	T	-0.0278
rs114637863	G	0.078
rs35816211	T	-0.0424
rs74632736	G	-0.0499
rs144335406	C	0.0483
rs72778111	T	-0.0316
rs142133426	T	-0.0743
rs62370437	T	-0.0136
rs72492471	C	0.0155
rs4702738	A	0.0448
rs11747024	C	0.0572
rs115250017	T	0.0331
rs17394821	A	0.0581
rs301784	T	0.0397
rs76605364	T	-0.0341
rs1457752	C	0.0147
rs17625615	A	-0.0407
rs138726330	G	-0.0939
rs700714	C	0.0129
rs114762132	T	-0.0386
rs146554613	T	0.0786
rs62334640	A	0.0934
rs246550	G	0.0145
rs58997507	A	-0.0361

rs16875961	G	0.0216
rs17305746	G	0.0659
rs74756703	T	-0.0601
rs116708512	A	-0.0589
rs17400549	C	0.0306
rs12522470	C	-0.0142
rs11743619	A	-0.07
rs4574539	A	-0.0131
rs116290528	T	-0.0455
rs1808401	T	-0.1059
rs116499895	A	-0.0878
rs8119	T	0.0504
rs10515088	G	0.0613
rs246373	T	-0.0164
rs2962058	G	0.0136
rs78145385	A	-0.0442
rs115189894	C	0.0328
rs34027359	T	0.0164
rs11748835	C	-0.0306
rs74548773	T	0.0365
rs71581241	T	-0.0337
rs1859295	C	0.0135
rs114834630	T	-0.0556
rs75674384	G	-0.0401
rs4151699	C	-0.026
rs835066	T	0.0185
rs80052994	T	-0.1013
rs137984564	A	0.0439
rs115755474	T	0.0749
rs3815919	G	0.0172
rs35810955	A	-0.0523
rs6886928	A	0.0245
rs310909	T	0.0536
rs696738	A	0.0456
rs72746528	C	-0.0552
rs142056798	A	-0.0566
rs2936590	T	0.0151
rs72768792	G	0.0308
rs147515472	A	-0.0377
rs62365776	C	-0.0938
rs11741851	C	-0.0352
rs115920015	A	0.0496
rs7725332	T	-0.0131
rs116536764	G	0.0943
rs79290950	T	-0.0354
rs113917835	G	0.0425
rs78978107	G	0.0265

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rs7725317	C	0.0503
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rs10447131	T	0.0129
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rs155382	C	0.0131
rs13170484	A	0.0144
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rs12514882	C	0.0377
rs140626673	C	-0.0755
rs72800678	G	0.0797
rs77666247	G	-0.0462
rs62391847	C	0.0279
rs149179903	G	-0.0902
rs147386079	G	0.0686
rs73800148	A	-0.0178
rs75700971	T	0.0145
rs78938409	C	0.0613
rs80160782	T	0.0227
rs78171175	A	0.0475
rs56226307	G	0.0884
rs74295116	C	0.03
rs78369469	A	0.0313
rs79013732	A	0.0491
rs113674749	C	0.1032
rs72723247	G	0.0221
rs72749151	G	0.0482
rs10055402	G	0.0217
rs144920836	A	0.054
rs10035990	A	-0.0692
rs114754423	T	-0.0919
rs13169569	G	-0.0139
rs150268356	T	-0.0347
rs150518042	A	-0.1001
rs150042048	A	0.1209
rs151879	T	0.0143
rs2261740	A	0.0132
rs34483220	C	0.0224
rs72748753	T	0.0138

rs116419770	C	-0.0512
rs115013214	A	0.1127
rs62362305	G	-0.0472
rs72771702	G	0.0434
rs1858428	A	-0.0136
rs115420189	A	-0.0554
rs10039338	A	-0.0134
rs10214265	A	-0.0228
rs163432	A	0.0175
rs73803914	T	-0.0748
rs17644733	T	-0.0568
rs4868739	A	0.0145
rs2902803	T	0.0449
rs10040268	C	0.0756
rs78047627	C	0.0419
rs142404685	T	-0.0412
rs114224737	T	0.0352
rs2434295	G	-0.0129
rs41290549	T	0.0931
rs6897902	T	0.019
rs3805620	C	0.0239
rs138803630	T	-0.0231
rs71594789	G	-0.0655
rs77543132	A	0.0548
rs140265222	A	-0.0724
rs10805545	G	-0.0144
rs2972686	T	-0.0162
rs114125415	T	0.0439
rs141165113	T	0.0678
rs55723797	T	-0.0151
rs71632918	T	0.0829
rs11749614	T	0.0634
rs7727110	T	0.0152
rs79108349	T	-0.0569
rs12518466	C	0.0379
rs75503445	A	0.0232
rs144851357	A	-0.0319
rs6870572	T	-0.0163
rs9292503	T	0.0151
rs1318743	C	0.0569
rs7715979	C	-0.0272
rs73802682	G	0.0722
rs74942845	T	-0.0654
rs192426	T	-0.0204
rs17600489	T	0.0524
rs116686459	A	0.089
rs2055873	T	-0.0142

rs1209696	T	-0.0161
rs2569107	T	0.0329
rs17053001	G	-0.0417
rs2890825	A	-0.0143
rs16884101	T	0.0515
rs10941263	C	-0.0137
rs13180249	T	0.0154
rs286963	G	-0.0154
rs718291	G	-0.0235
rs6895117	T	0.0269
rs6881232	A	0.0156
rs58055222	A	-0.0328
rs116488857	C	-0.0706
rs17067797	G	-0.0303
rs2411906	C	0.0135
rs2973104	G	-0.0799
rs7703879	A	0.0198
rs12653975	C	0.0222
rs173134	G	0.0161
rs2431962	G	-0.0135
rs146433997	C	-0.0657
rs116554275	T	0.0917
rs80039069	T	0.0881
rs32928	T	-0.0204
rs72818285	A	0.0484
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rs2702361	G	0.0385
rs117477516	C	-0.1132
rs148362115	T	-0.0672
rs13164873	G	-0.0132
rs166137	C	0.0254
rs75442098	A	-0.0779
rs67267578	G	-0.0315
rs28526622	A	0.035
rs148591445	A	-0.061
rs151206634	G	0.0533
rs34934247	A	0.0182
rs116001973	G	-0.1047
rs12518246	A	-0.0134
rs73218729	G	0.0231
rs115825819	T	-0.0987
rs139054938	C	-0.0387
rs76028206	T	-0.0494
rs142151784	A	0.0688
rs6898262	C	-0.0138
rs728079	G	0.0777
rs10069430	G	0.1047

rs12187956	A	0.0187
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rs58496276	T	-0.0385
rs10213690	C	0.0205
rs72803107	A	0.0821
rs114452287	T	-0.0677
rs58567058	C	0.0216
rs72740471	A	0.0407
rs10069395	A	-0.0264
rs13171310	A	-0.0181
rs7728408	A	-0.0154
rs74543911	A	-0.0243
rs3749671	A	-0.0353
rs6886366	C	0.0222
rs13187208	A	0.0313
rs34619013	C	0.0143
rs114815715	T	-0.0873
rs4700642	A	0.0156
rs10866546	A	0.019
rs199177	G	-0.0587
rs114573082	A	0.0765
rs146715678	A	0.0734
rs144321806	G	-0.0515
rs1094604	C	0.0132
rs10044606	G	-0.0718
rs384821	A	0.0164
rs7733118	A	0.0207
rs1604391	T	0.0321
rs112934434	G	-0.0461
rs114140355	T	0.0654
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rs71593319	G	-0.049
rs138703776	A	0.0538
rs16884782	G	-0.0298
rs17398382	T	-0.0187
rs17519835	G	0.0657
rs336486	C	0.0182
rs116001075	T	-0.0646
rs656450	C	0.0131
rs75627498	C	-0.0247
rs767133	A	0.0871
rs6861416	T	-0.0172
rs4916762	T	-0.0257
rs150547118	T	0.0596
rs111543567	G	-0.0637
rs55774545	G	0.0191
rs4704398	T	-0.0175

rs16876106	A	-0.0586
rs115533502	C	-0.0386
rs11739380	C	-0.0378
rs1444902	C	0.0223
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rs116445262	G	-0.0437
rs12152863	T	-0.013
rs56324007	G	0.0682
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rs62377485	T	0.0233
rs76829797	A	0.0171
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rs11744551	A	-0.0273
rs6864491	A	0.0124
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rs115045678	C	-0.0627
rs888822	C	0.013
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rs1432654	A	-0.0138
rs72837084	G	-0.0278
rs2964115	A	0.0164
rs72753909	A	-0.0401
rs77917390	A	0.024
rs77260586	A	0.0183
rs148942089	C	-0.0285
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rs117429330	A	-0.0809
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rs138347232	G	-0.1103
rs1651030	C	0.0338
rs10515553	C	0.014
rs72848113	A	0.0364
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rs78051935	T	0.0367
rs143759184	C	-0.1008
rs138645287	G	-0.0673
rs74374290	C	0.0683
rs72733461	G	-0.0615
rs78782357	A	0.0516
rs3930161	G	-0.0628
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rs187645	A	0.024
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rs77276399	T	0.0548
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rs75274358	A	0.0723
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rs4267847	C	0.0242
rs370974	C	-0.0134
rs76713961	A	-0.0798
rs1182092	T	-0.0776
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rs72802040	G	0.0674
rs11749175	A	-0.0419
rs41472	A	-0.0161
rs6863650	C	-0.0135
rs898219	G	0.0142
rs4572979	A	0.0125
rs62404187	G	-0.0396
rs17456198	C	-0.019
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rs78074575	A	0.0397
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rs72732035	A	-0.1035
rs13169752	C	0.0239
rs2633525	G	0.0125
rs56759022	T	0.0155
rs62350672	T	-0.0249
rs9291933	A	-0.0129
rs34120426	T	-0.0164
rs72777855	G	-0.0233
rs35820409	C	0.0311
rs35599431	A	-0.0465
rs7712562	A	-0.0226
rs28673714	T	-0.0358
rs13187145	C	0.014
rs72765445	A	-0.0156
rs3097843	A	0.0238
rs62365592	T	0.0213

rs7706103	A	-0.0129
rs112124717	G	-0.0336
rs116373854	C	-0.0363
rs10051970	C	0.0202
rs27171	G	0.0136
rs2431075	C	0.0159
rs147857162	A	0.0913
rs147055962	T	-0.119
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rs13152921	A	0.0653
rs446878	T	0.0153
rs76845051	T	-0.0749
rs16900263	A	-0.1166
rs1847523	G	0.0745
rs75887138	T	0.0816
rs6888451	G	0.0189
rs144642500	G	-0.0565
rs11740939	G	-0.0608
rs76267957	T	0.0527
rs116520850	T	0.0602
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rs115107216	G	0.0292
rs75828864	C	0.0374
rs1038704	T	0.0172
rs13360073	T	-0.0261
rs58773699	A	0.0231
rs113805989	T	-0.0776
rs62389383	A	0.0419
rs78630867	G	-0.0621
rs316385	T	0.0371
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rs74583623	T	0.0213
rs114919096	T	0.0431
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rs114445892	A	-0.0701
rs75954784	T	0.0177
rs28495954	A	-0.0168
rs149338720	A	0.0489
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rs62349577	T	-0.0813
rs79519933	T	0.0326
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rs76207061	C	-0.022
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rs2913752	T	0.0185
rs899354	T	0.0186
rs12518426	T	-0.0366
rs116625633	G	0.0594
rs2242214	T	0.0198
rs13163051	A	0.0245
rs62368504	G	-0.0445
rs2910256	A	-0.0125
rs35120264	T	-0.0746
rs72818251	T	0.0287
rs77949234	G	0.0544
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rs12332587	A	-0.0311
rs59652007	C	0.0473
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rs74658934	A	-0.096
rs76925293	T	0.026
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rs149354504	C	0.0968
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rs246602	C	0.0131
rs116125493	T	0.0665
rs27677	C	0.0134
rs140189694	T	-0.0759
rs7734080	G	0.0509
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rs11747259	C	-0.0131
rs320606	T	0.0131
rs1486944	T	-0.0212
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rs80005712	G	-0.0579
rs150168210	A	-0.0602
rs72835259	C	-0.043
rs2242415	C	-0.0138
rs144884942	T	0.0685
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rs34042385	A	-0.0152
rs10075779	C	0.1143
rs4704396	C	-0.0254
rs55698168	T	0.0466
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rs79573956	C	-0.0241
rs40993	G	-0.0151
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rs28361299	C	0.0195
rs78116747	C	-0.0541
rs10041956	G	0.0124
rs141438466	G	-0.0879
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rs74981111	G	-0.0255
rs10477790	C	-0.0572
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rs74500299	T	-0.0367
rs78558829	C	0.0622
rs116261554	C	0.0679
rs28702802	G	-0.0142
rs80302840	G	0.0879
rs10075826	G	-0.0154
rs2455280	C	-0.0262

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rs34961375	T	-0.0166
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rs11750734	A	0.0152
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rs75140737	G	-0.0518
rs115105516	T	0.0876
rs12522080	A	-0.021
rs78330866	A	-0.0254
rs147101982	C	-0.1021
rs4472239	T	0.0136
rs10054504	T	0.0201
rs116771263	C	0.0538
rs4975605	A	0.0143
rs4376275	T	-0.0386
rs78155988	T	-0.0333
rs74502549	G	-0.0412
rs10461698	A	0.0273
rs71625647	A	0.0478
rs41271059	A	0.0714
rs114700046	C	0.034
rs148175502	T	-0.0976
rs12514998	G	0.0974
rs74678313	C	-0.0898
rs28546703	A	0.0477
rs74776255	G	-0.0559
rs4957166	T	-0.0199
rs12513427	A	0.0383
rs246420	T	-0.0217
rs39691	C	0.0168
rs35075830	T	-0.0622
rs74804126	T	0.0773

rs28415624	A	0.0478
rs114491858	A	0.025
rs116277886	G	0.0578
rs74379306	G	-0.0599
rs150547358	C	0.0692
rs115931344	T	0.0447
rs7705716	G	-0.0569
rs74798522	T	0.0551
rs13159465	A	-0.0583
rs115000205	A	0.0546
rs300231	T	-0.0161
rs1330644	T	0.038
rs115418828	G	0.0356
rs59443641	A	0.0791
rs12655536	T	-0.0208
rs16875319	G	-0.0282
rs79953387	T	-0.0323
rs148887253	C	0.0326
rs72785881	A	0.0526
rs1366337	C	-0.0177
rs16899845	C	0.021
rs9327739	C	-0.0254
rs140204469	C	0.0313
rs4128741	T	-0.0137
rs62374581	T	0.0191
rs7356666	T	0.0267
rs55965681	A	-0.0633
rs113275890	C	-0.0746
rs27852	A	0.0131
rs60936840	T	0.0313
rs75848007	G	0.0776
rs56221720	T	0.0134
rs6879116	C	0.0172
rs4615304	G	0.0304
rs116762625	T	-0.0486
rs76746356	T	0.0831
rs113890413	T	0.0789
rs4869373	C	-0.0381
rs438913	A	0.0225
rs36089	G	0.0363
rs113417969	C	0.0705
rs150514712	A	0.0626
rs115474849	G	0.0423
rs77098238	T	-0.0338
rs9986212	C	0.115
rs141051038	G	-0.0843
rs2009378	T	0.0206

rs142590035	C	-0.0461
rs113995393	G	-0.044
rs75172127	T	0.0452
rs1587176	G	-0.0168
rs2625210	T	-0.0152
rs55759333	T	0.028
rs17138632	T	0.048
rs116241081	T	0.0769
rs116682854	A	0.0715
rs252706	A	0.0528
rs146686275	C	-0.0609
rs141718513	A	-0.0439
rs12653484	A	-0.0164
rs140305586	T	-0.1137
rs141621500	G	0.0441
rs75644344	C	0.0411
rs62392999	A	-0.0226
rs115154333	T	-0.0765
rs7731762	A	0.0203
rs61748764	T	-0.0474
rs10052095	T	0.0158
rs4835646	C	0.0156
rs112553617	G	-0.065
rs62361627	A	-0.0349
rs115288944	G	-0.0165
rs72795755	C	-0.0614
rs1816046	C	-0.0307
rs11742713	A	0.0875
rs734862	T	0.0152
rs2028260	G	0.014
rs13188115	C	-0.0182
rs78451873	A	-0.0532
rs11958144	T	0.0417
rs147075327	G	0.0609
rs13180149	C	-0.0613
rs141487877	T	0.0605
rs79358439	T	0.0436
rs10062483	T	0.0211
rs10035433	C	0.0187
rs2055608	T	-0.0195
rs72759033	T	-0.035
rs115111458	A	0.0573
rs17823816	C	-0.0477
rs11738482	A	0.021
rs6899000	T	0.0134
rs61003709	T	0.077
rs886510	T	0.0171

rs2927613	A	0.0128
rs72754197	T	-0.1025
rs2032816	A	0.0118
rs77060141	T	0.0564
rs150658936	G	-0.0407
rs114890975	T	0.0537
rs7711670	G	0.0452
rs73792311	G	-0.0218
rs1542285	C	-0.0196
rs1423222	C	0.0254
rs146405906	T	-0.0487
rs72779273	C	-0.0762
rs168534	C	0.0168
rs116557849	G	0.0799
rs114998510	G	0.0445
rs79195066	T	-0.0466
rs17412042	A	0.0223
rs10793826	G	0.0165
rs79317443	T	-0.0404
rs148555060	G	-0.0567
rs72757270	C	-0.055
rs10052672	A	-0.0156
rs2133740	A	-0.0169
rs148176539	T	-0.0371
rs6876781	G	-0.0147
rs138485375	C	0.0831
rs78608604	G	0.0315
rs61593351	G	0.017
rs79693403	G	0.044
rs141658174	T	0.0686
rs10472290	T	-0.015
rs6865378	G	-0.0201
rs114946557	T	-0.0604
rs42757	G	0.0162
rs10070472	C	0.0322
rs395780	G	-0.0154
rs752922	A	0.0146
rs2974640	T	-0.0444
rs4867991	G	0.0161
rs772677	T	0.081
rs75155833	T	0.0838
rs116629946	T	-0.0501
rs4702639	T	-0.0232
rs10472791	C	-0.0257
rs28450080	T	0.0315
rs77429717	A	0.0654
rs151207	G	0.0138

rs12659839	G	-0.0285
rs10053346	C	-0.073
rs78380242	T	0.037
rs10073149	C	-0.0154
rs73745624	T	0.0289
rs116588714	G	0.0393
rs11739800	G	0.0138
rs10058502	G	0.0242
rs11745163	G	-0.0126
rs149661428	C	0.0503
rs469300	A	0.0127
rs2113043	G	-0.0183
rs258953	T	0.0134
rs12516046	G	-0.0131
rs79255783	T	0.0748
rs147767356	C	0.0814
rs66693652	A	0.0215
rs112919456	C	0.0321
rs13172268	A	-0.0496
rs115198418	C	0.0537
rs71630412	A	0.0424
rs16899727	A	0.0804
rs139137392	A	0.0518
rs10055027	A	-0.0138
rs4296807	G	-0.0279
rs2549779	G	-0.0118
rs9313243	C	0.0123
rs10058679	A	-0.0307
rs72789387	A	0.0229
rs1546251	G	0.013
rs2973384	C	-0.0208
rs6875107	C	0.0481
rs76938202	G	0.0582
rs191297	A	0.0146
rs118583	C	-0.013
rs697618	G	-0.0567
rs12514417	G	-0.0213
rs56788223	T	-0.0125
rs11957001	A	0.013
rs79675555	C	0.032
rs115894424	G	-0.0709
rs113357719	T	-0.0773
rs13164653	C	-0.0177
rs148534687	T	-0.0741
rs114462406	A	0.0874
rs76296609	A	0.0502
rs10476071	A	-0.0138

rs199174	G	-0.0127
rs142773662	T	0.0558
rs113949559	A	0.0608
rs115525179	A	0.0777
rs116829224	G	0.0525
rs78843508	A	0.0725
rs56660020	T	0.0145
rs40312	T	0.093
rs80332383	C	0.063
rs11744488	A	-0.0535
rs150446715	C	-0.0991
rs71639264	C	0.023
rs78087099	A	0.0521
rs2530229	G	0.0218
rs145893102	T	-0.0862
rs78813958	G	0.0619
rs139514601	T	0.0525
rs77729022	C	-0.0195
rs10068970	C	-0.018
rs75526595	A	-0.0188
rs78479536	C	-0.0534
rs114900018	T	-0.0663
rs11745126	C	0.0134
rs7446710	A	0.0278
rs140524467	G	0.0717
rs1445789	G	0.0133
rs76056373	C	-0.0305
rs2044033	G	0.0142
rs115099021	T	0.047
rs13177139	T	0.014
rs9324938	C	0.0165
rs79893053	C	-0.0166
rs115181379	C	-0.0717
rs113383339	G	0.0267
rs116389382	A	-0.0501
rs113043033	C	-0.0547
rs9292760	T	0.0137
rs71581217	G	-0.0196
rs2961705	G	-0.0153
rs2964252	A	0.0129
rs138448052	G	0.114
rs16880227	C	0.0354
rs116644220	A	-0.0567
rs2472648	C	0.0277
rs56276028	C	0.0343
rs17321708	A	0.0615
rs3111487	A	-0.0321

rs7727063	A	0.0357
rs113320278	T	-0.0622
rs11948236	G	-0.0184
rs73075922	A	0.0614
rs12513773	C	-0.0266
rs114370305	A	0.0408
rs6872356	T	0.0166
rs150655703	C	0.046
rs6871539	G	-0.022
rs10039003	G	-0.0271
rs112590711	T	-0.0594
rs62356064	T	0.0339
rs142389904	G	0.0771
rs115923511	T	0.081
rs7718393	A	-0.0125
rs12515653	T	0.0252
rs10078743	G	0.0158
rs10213856	A	0.0207
rs115511395	G	0.0998
rs116116916	G	0.0572
rs758347	C	0.0146
rs10039706	A	-0.0119
rs7725561	T	-0.0132
rs466366	G	0.0118
rs78294858	T	-0.0558
rs77404119	C	-0.0382
rs75426270	T	0.0313
rs78349856	T	0.0947
rs77613984	C	0.0758
rs116566991	A	-0.0824
rs11135001	C	0.0168
rs6883684	T	-0.0256
rs79668711	G	-0.0242
rs16889126	T	0.0213
rs79032298	A	0.0662
rs10479088	C	-0.0184
rs115535251	T	-0.0681
rs115481708	T	0.0502
rs115325566	T	-0.0295
rs149255564	G	-0.0914
rs11134752	G	-0.0124
rs72810783	A	-0.0354
rs73105531	C	-0.0471
rs4701348	A	0.0125
rs12153257	T	0.0196
rs79600097	G	0.0207
rs62377317	T	-0.0348

rs34954967	A	0.0138
rs76629065	A	-0.0698
rs188446	G	-0.0118
rs640837	C	-0.0154
rs1860409	T	0.0304
rs12153170	A	-0.018
rs35136	A	0.0138
rs180473	T	-0.0126
rs4868222	T	0.0185
rs10462304	A	-0.0451
rs410443	C	-0.0163
rs13188582	C	-0.0311
rs2406905	T	0.0124
rs13355819	A	-0.0162
rs17087379	T	0.0428
rs1036174	A	0.0121
rs62368966	A	-0.0537
rs112979063	A	0.0463
rs67386558	A	-0.0256
rs1007560	C	-0.0227
rs78734624	A	-0.0658
rs1426094	C	-0.0164
rs35218351	A	-0.0177
rs35888615	A	-0.0173
rs140816908	A	-0.0786
rs11750104	C	0.0123
rs11134727	C	0.0404
rs35294602	T	-0.0132
rs1559096	G	0.0208
rs6895072	T	-0.0209
rs13156223	C	-0.0142
rs147311675	T	-0.0592
rs7701818	A	-0.0167
rs72799426	G	0.0261
rs73038940	A	0.0772
rs62387568	A	-0.0134
rs1805971	T	0.0178
rs7731790	A	0.0125
rs117755368	A	-0.0443
rs78777255	T	-0.0686
rs9293003	T	0.0525
rs2453318	C	0.0155
rs1593973	G	0.0218
rs12522597	G	-0.0124
rs17643048	T	0.03
rs79255608	T	-0.0217
rs78163253	G	-0.0252

rs75993295	A	0.0333
rs76533320	C	0.0476
rs4240406	T	0.0202
rs113754080	A	-0.0567
rs138490321	A	0.038
rs150553271	A	0.0679
rs78759178	A	0.0309
rs150178086	T	0.0498
rs112446475	T	0.0792
rs11739735	T	0.0699
rs79824688	T	-0.0563
rs1505995	G	0.0171
rs35017008	C	-0.0787
rs3933807	A	-0.0329
rs6880471	C	0.0323
rs35566995	G	-0.0259
rs68164553	G	-0.0182
rs111929801	C	-0.0603
rs77489428	A	-0.034
rs12653513	C	-0.0558
rs115172522	T	-0.0322
rs11738553	T	0.0448
rs115665430	G	0.0755
rs114912544	T	0.0396
rs12521751	A	-0.0179
rs145778552	A	-0.0407
rs13179154	G	-0.012
rs57217872	T	-0.0245
rs28379503	G	-0.0818
rs74893077	C	0.0731
rs55674118	T	-0.0415
rs115806002	C	0.08
rs4868737	C	0.0324
rs11743881	G	-0.0118
rs114240096	A	-0.0561
rs1463781	C	-0.0143
rs66942438	G	0.0249
rs73762024	C	-0.0624
rs7701158	C	0.0236
rs71624142	G	0.0852
rs78494713	G	0.0303
rs209337	A	-0.0306
rs148583391	G	-0.051
rs80194132	A	0.055
rs7701103	G	0.019
rs142114555	C	0.0593
rs78240130	G	-0.0575

rs62385311	A	0.0178
rs72756114	A	0.0161
rs731405	T	0.0632
rs7729095	C	-0.0179
rs511038	G	-0.0197
rs72811499	A	-0.0342
rs61577032	T	0.0162
rs13176310	A	-0.0617
rs147281586	T	-0.0671
rs62357310	T	0.0617
rs7722653	G	-0.0246
rs4702210	T	0.0217
rs9292972	G	-0.0503
rs35702468	C	-0.0166
rs114591911	A	-0.0719
rs255045	T	-0.0179
rs2913487	A	0.0207
rs58292560	C	0.0519
rs35408423	A	-0.0575
rs116579107	T	0.0652
rs11952454	C	0.0356
rs1979979	A	0.0251
rs13170299	A	-0.0365
rs77545517	C	-0.1021
rs79247868	A	-0.015
rs7723051	A	0.0132
rs706728	A	0.0138
rs75686232	A	0.0443
rs72735064	T	-0.0235
rs6897038	T	-0.0202
rs13162877	A	0.0221
rs331030	A	-0.0218
rs146064934	T	0.0939
rs72816980	T	-0.0398
rs7721589	C	0.0157
rs146477618	G	-0.0723
rs142455130	A	-0.0558
rs6594726	T	0.0215
rs72765132	A	-0.0575
rs144422011	T	0.0585
rs6859412	G	0.0692
rs115172908	A	0.0516
rs275496	A	0.0127
rs141010652	T	0.0589
rs141207501	A	0.0867
rs4412104	T	0.0351
rs79191455	T	-0.0243

rs56090436	A	-0.0647
rs462520	G	0.0119
rs62396155	A	0.0313
rs75286224	T	-0.0637
rs140080098	C	0.0387
rs10454982	C	0.014
rs13183528	C	0.0585
rs36007018	A	-0.0652
rs139134395	C	0.0687
rs149724478	G	0.0995
rs148906015	G	-0.0454
rs1091970	T	0.013
rs72802718	C	-0.0403
rs114163910	G	-0.035
rs33809	T	0.0124
rs116827415	A	0.05
rs269494	T	-0.0195
rs112150821	T	0.0747
rs74292706	G	0.0697
rs114610013	G	-0.0638
rs77616493	T	0.0507
rs116108996	T	0.0906
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rs115990993	A	0.0972
rs34747682	G	0.043
rs114104940	G	-0.0398
rs12523588	T	-0.0199
rs77650590	A	0.0696
rs254663	T	0.0134
rs7723967	T	0.0148
rs4957214	T	-0.0364
rs4704362	C	0.0216
rs77360799	T	0.0948
rs77884354	G	0.0263
rs145984998	G	-0.068
rs7718036	T	-0.0137
rs146819365	C	-0.0725
rs3822657	G	0.0168
rs6886057	C	-0.0121
rs72750230	A	-0.0346
rs13158009	C	-0.0136
rs139990650	A	-0.0717
rs10058392	C	-0.0449
rs35782901	T	0.0256
rs116794962	T	0.07
rs983013	A	-0.0125
rs17524553	A	-0.0213

rs141490086	C	0.0444
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rs72725373	A	-0.0352
rs72781718	T	-0.0209
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rs10036381	C	-0.0306
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rs11749036	T	-0.0231
rs112879314	G	-0.0318
rs114246870	T	-0.067
rs77895261	A	-0.0302
rs139647383	T	-0.092
rs112911797	C	-0.0377
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rs10071962	A	0.0135
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rs79016435	G	-0.0279
rs77335018	A	0.0387
rs3846564	G	-0.0207
rs79555789	G	0.057
rs3733897	G	-0.0173
rs33862	G	-0.012
rs116598935	C	-0.0645
rs10053802	T	0.0136
rs1345732	G	-0.019
rs72735272	C	-0.0508
rs6882956	A	0.0166
rs2218515	G	0.0117
rs139700159	G	-0.0779
rs72792583	A	-0.0281
rs113728746	T	-0.0805
rs11567738	T	-0.0168
rs255868	C	-0.0308
rs13182406	T	-0.0157
rs10805900	G	0.0164
rs4704437	T	-0.0966
rs62373660	T	-0.0342
rs34544075	A	-0.0952
rs28552875	T	-0.0319
rs146262729	G	-0.0527
rs116151398	G	0.0464

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rs462020	T	0.0575
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rs6874186	G	-0.0124
rs34232869	C	-0.0198
rs145180754	G	-0.0714
rs7732251	T	0.0201
rs11954708	T	0.0562
rs149053988	T	-0.0918
rs59658700	T	0.0417
rs80326131	A	-0.0533
rs114160651	A	0.0363
rs115648250	G	-0.0509
rs12656263	C	0.012
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rs140401199	C	0.0553
rs6556194	G	-0.0565
rs10041223	T	-0.0161
rs10062464	C	0.0286
rs11951951	C	0.0562
rs4835970	A	0.0119
rs962102	T	-0.0126
rs11747026	G	0.0738
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rs114924432	G	0.068
rs77146987	T	0.0603
rs6555165	T	-0.0187
rs77662493	G	0.0312
rs77809557	A	-0.0303
rs9968738	A	-0.0121
rs74484706	A	-0.0489
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rs58631537	A	0.0237
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rs146304360	A	-0.063
rs10070486	T	-0.0169
rs113123001	T	0.0759
rs75146828	G	-0.0444
rs4479880	C	-0.0117
rs17060660	G	-0.0181
rs11748493	A	-0.07
rs116366915	T	-0.0515
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rs12109259	A	-0.0169

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rs57332443	T	0.0636
rs114159643	A	0.058
rs112798600	T	0.0337
rs76031353	A	-0.063
rs2278240	A	0.0347
rs2172792	G	0.0177
rs77124169	G	-0.1008
rs114544529	T	-0.0289
rs12186718	T	0.0717
rs73259299	G	0.0687
rs78838035	A	0.0218
rs145753979	A	0.0917
rs7728010	G	-0.0116
rs115724012	A	0.0642
rs58255401	A	-0.0187
rs72746895	G	-0.0699
rs35906608	A	-0.0196
rs72781473	A	0.0392
rs142276294	A	-0.0609
rs114081063	T	0.0737
rs76444042	T	0.0506
rs78108636	A	0.0891
rs260878	C	-0.017
rs1691082	A	0.0135
rs71615831	C	-0.0149
rs10038120	G	0.0627
rs863241	T	0.012
rs10076754	C	0.0498
rs2964077	G	0.0161
rs75579499	T	-0.0758
rs2089903	A	-0.0447
rs164080	A	0.0122
rs28420730	T	-0.0196
rs11741455	A	-0.0663
rs17643035	A	-0.0423
rs115739857	T	-0.0867
rs116501851	T	0.0604
rs116391805	G	0.0817
rs72803927	T	0.0635
rs116325063	G	0.0753
rs4704068	C	0.0166
rs144989886	G	-0.0764
rs12520932	G	-0.0401
rs10078573	T	0.0629

rs12516627	T	-0.0115
rs138260496	G	-0.0633
rs514336	T	-0.0194
rs76985054	A	0.0571
rs71602131	C	0.0523
rs114944556	A	0.0742
rs17656896	T	0.0424
rs73277389	A	0.048
rs72798343	T	-0.0147
rs115158681	G	-0.0713
rs17566483	G	-0.0244
rs10044282	A	0.0168
rs115103503	C	0.0335
rs1563783	T	0.0163
rs12653828	T	0.0307
rs12659147	G	0.0221
rs13167259	T	-0.0224
rs17302470	A	-0.0216
rs10079594	T	0.0122
rs11955940	T	0.0202
rs143745746	A	0.0779
rs10038653	C	0.0217
rs76572924	A	-0.0809
rs113750646	G	-0.0457
rs56195530	C	0.0447
rs3733925	C	-0.0269
rs9324741	T	-0.0158
rs12659172	A	-0.0171
rs112014262	A	-0.0255
rs114492202	T	-0.0521
rs368729	G	0.0175
rs151786	A	-0.0184
rs7704889	A	-0.0164
rs62362488	T	-0.0404
rs1841974	C	0.0337
rs78720022	A	0.0309
rs12332121	G	-0.0136
rs4921448	T	0.0321
rs7734525	T	-0.0418
rs78024709	T	0.0459
rs17708342	G	0.0339
rs11954916	A	-0.0705
rs111706939	A	0.0772
rs17099100	G	-0.0352
rs173503	G	0.0115
rs7700739	C	-0.0132
rs72807528	A	0.0218

rs34406828	A	-0.0247
rs34303513	A	0.0367
rs11956417	T	-0.0528
rs7737778	T	-0.0203
rs79972705	G	0.0239
rs4551015	G	0.0119
rs824853	C	0.0115
rs32119	T	-0.0328
rs10053131	G	-0.0139
rs140213369	T	-0.0489
rs60472664	T	-0.0695
rs75140822	A	0.0361
rs76522158	A	-0.0511
rs35555580	G	0.0117
rs76557386	A	-0.0147
rs77825133	C	-0.0875
rs143013487	T	0.0547
rs17109693	A	0.0695
rs144587768	A	-0.0359
rs17076500	A	0.0184
rs146178490	G	0.0594
rs4380603	A	0.0199
rs111404975	A	0.0441
rs75458354	G	0.0562
rs76302589	A	0.0585
rs32274	C	-0.0115
rs2897686	C	-0.0156
rs6886690	T	0.0146
rs11241245	G	0.0365
rs77590071	T	-0.0717
rs58600572	G	-0.0216
rs112839265	T	-0.0484
rs75500407	G	0.0631
rs112665633	A	-0.029
rs7717164	A	0.0262
rs7730471	G	0.0113
rs10066938	T	-0.0583
rs76630253	G	0.0202
rs80140684	A	0.0836
rs6870130	A	0.0654
rs143638902	T	0.082
rs76385051	A	-0.0344
rs17764045	C	0.0303
rs7727095	A	0.0115
rs111350181	A	0.0803
rs2964110	A	-0.0169
rs115998917	G	-0.0359

rs77681946	A	-0.0337
rs115562674	T	-0.0936
rs76582322	T	-0.032
rs114752601	A	0.059
rs112607086	C	-0.0394
rs116326079	C	0.0697
rs11741063	G	-0.0122
rs140007111	A	-0.0672
rs67119804	G	0.0494
rs113282942	A	0.0208
rs4270726	G	0.0118
rs10067057	G	0.0415
rs112062071	A	0.0355
rs1004522	C	-0.0146
rs72822560	C	-0.0586
rs116664154	T	-0.0613
rs116114859	C	0.066
rs57044280	G	0.0155
rs6892011	C	0.0455
rs150562304	A	0.0511
rs60178408	T	0.0303
rs79733774	A	0.0931
rs16879046	T	0.0526
rs7723014	A	-0.0159
rs6595870	C	0.0118
rs115841793	G	-0.0379
rs147594163	T	0.0622
rs254223	A	-0.0342
rs7714138	T	-0.0162
rs114477901	A	-0.0371
rs72733891	T	0.067
rs75074779	T	-0.0304
rs6871204	G	0.0151
rs116600786	G	0.0709
rs116464374	G	0.0749
rs114085403	T	0.1288
rs56328705	G	-0.0367
rs114021757	A	-0.053
rs3797612	C	0.0184
rs453876	G	-0.024
rs77045691	C	-0.0319
rs115575798	A	-0.0475
rs71588360	T	-0.0744
rs6861024	T	-0.0158
rs149907583	A	0.0888
rs29543	G	-0.0124
rs147793447	T	-0.0797

rs2913854	G	-0.0155
rs17068863	T	0.0614
rs79173098	G	0.028
rs137858508	A	-0.0516
rs77826446	C	0.0699
rs111458150	C	0.0139
rs13163362	A	-0.014
rs75151751	G	-0.0462
rs77527278	A	0.0288
rs59029779	T	0.0467
rs141661269	T	0.0385
rs76717944	T	0.0439
rs79725500	T	-0.0567
rs78477488	A	0.103
rs10472770	A	-0.024
rs34391790	A	-0.0432
rs116681139	T	0.0744
rs6878991	C	0.0161
rs79191452	A	-0.026
rs256634	C	0.0164
rs59170767	T	0.0427
rs75851973	G	0.0251
rs80097481	C	0.0273
rs76883130	G	-0.0743
rs116270041	T	-0.0467
rs76123396	A	0.0183
rs13170938	T	-0.0227
rs143820569	G	-0.0759
rs114726440	T	-0.0851
rs56242251	T	0.0145
rs334913	T	0.0151
rs6862196	T	-0.0811
rs248511	C	-0.0144
rs10074608	A	0.0141
rs147470603	A	-0.0381
rs2016666	T	0.0129
rs113596729	C	0.0545
rs2173225	G	-0.0492
rs114712271	C	-0.0617
rs998837	C	-0.012
rs4702390	C	0.0194
rs62347239	A	-0.0162
rs11959615	T	-0.0112
rs76627392	T	0.0409
rs11953280	C	0.0184
rs72777444	G	-0.0755
rs2400643	G	0.0129

rs248004	C	-0.0132
rs72752218	A	0.0257
rs358824	A	0.0193
rs16868006	T	0.0549
rs78219477	C	-0.045
rs770167	T	-0.0183
rs115544756	A	-0.0425
rs141530133	A	0.0605
rs114254961	A	0.04
rs13165583	T	0.021
rs12514603	T	-0.0143
rs6899064	A	-0.0147
rs2371382	A	-0.0121
rs138598437	G	0.027
rs2936976	T	0.0186
rs11748009	T	0.014
rs4957420	C	-0.0123
rs2287693	A	0.0112
rs150009797	A	-0.1029
rs34525350	C	0.0153
rs147347993	T	-0.0669
rs17467229	T	-0.0457
rs1116919	T	-0.0122
rs11748833	A	0.0175
rs387569	T	-0.0123
rs114484231	C	0.0693
rs650640	A	-0.0116
rs1363624	C	0.0322
rs78945613	T	0.0775
rs1366265	G	-0.0215
rs77502913	G	-0.0399
rs9291827	T	0.0157
rs10067617	A	0.0198
rs10065057	T	0.0514
rs6888635	G	-0.0112
rs74517671	A	-0.0451
rs79950972	G	0.0604
rs77460798	G	-0.0602
rs3909469	G	0.0142
rs4705634	T	0.0116
rs111785482	T	-0.0726
rs78360632	T	-0.0497
rs79372888	C	-0.0657
rs35050974	A	0.012
rs2961797	G	-0.0189
rs114537113	T	-0.1182
rs77463231	C	-0.0237

rs7723619	A	-0.0197
rs6893165	A	-0.0117
rs10036124	C	-0.0621
rs11249625	C	-0.0124
rs7733012	T	-0.0505
rs55841820	T	-0.0186
rs35895944	A	-0.0293
rs72806749	A	-0.0489
rs113042334	A	-0.0202
rs76438240	A	0.0509
rs147620167	A	0.0615
rs76927007	A	0.0278
rs7719832	T	0.0214
rs2438646	T	-0.0129
rs115752754	T	0.0745
rs72796195	C	0.0244
rs76403032	A	0.0788
rs149719481	A	-0.0583
rs6863410	A	-0.0175
rs76532749	C	0.0446
rs430020	A	-0.017
rs80347912	G	-0.072
rs142427859	C	0.0649
rs12521441	C	0.0131
rs16893881	A	0.0593
rs74420063	T	-0.0379
rs74513285	G	0.0415
rs114518508	T	0.0419
rs13357425	G	0.0159
rs111228736	C	0.0235
rs139860626	A	-0.0558
rs1011651	T	0.0213
rs35257550	G	-0.0192
rs55730643	T	-0.017
rs113554866	T	0.0305
rs138579051	C	-0.0832
rs10476760	G	0.0834
rs7733421	G	-0.0195
rs17134475	C	0.0432
rs12173124	T	-0.0116
rs76331250	A	-0.0363
rs16869638	A	0.0233
rs2034289	T	0.0118
rs11743198	T	0.0471
rs6867879	A	-0.0117
rs79741157	A	0.0445
rs114601412	T	0.0646

rs463868	T	0.0237
rs147076668	G	0.0904
rs114690976	T	-0.0527
rs72810123	C	0.0479
rs114726734	G	0.0744
rs78098071	C	-0.0862
rs72739415	C	-0.1079
rs76257697	A	-0.0761
rs6869655	A	-0.0257
rs78750164	T	-0.0569
rs13159627	T	0.0181
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rs74638372	T	-0.0821
rs4958508	G	0.023
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rs112119197	C	0.0518
rs116292864	A	0.0529
rs17369132	T	-0.0351
rs116160787	T	0.0451
rs114910084	C	-0.049
rs11741497	G	0.0517
rs62360598	G	0.0178
rs77126180	A	0.0414
rs67781169	C	-0.0123
rs80127522	C	-0.058
rs113501141	G	-0.0879
rs150683016	G	-0.0608
rs9284980	G	-0.0186
rs147893568	T	-0.0688
rs676030	C	0.0189
rs16896849	T	0.0208
rs72771187	A	-0.0157
rs75783207	A	0.0589
rs115075184	C	-0.0628
rs148241516	A	-0.06
rs716518	G	0.0573
rs145674487	A	0.0406
rs116584432	A	-0.0442
rs114540968	G	0.0448
rs56124608	T	0.0391
rs78741843	C	0.0348
rs9293788	G	0.013
rs62373290	A	0.0516
rs193552	A	0.015
rs2962492	G	0.0153
rs72763094	T	0.0412
rs17139946	C	-0.0227

rs11747130	A	0.0326
rs9293700	A	0.0307
rs56323619	A	-0.0198
rs114294084	C	-0.061
rs75493867	T	0.0359
rs11747690	C	-0.0522
rs78567234	A	-0.0352
rs74489587	A	0.0632
rs116521664	G	-0.0623
rs79518688	G	-0.0474
rs35365858	T	-0.0158
rs75976249	A	0.0328
rs4700216	A	0.0116
rs4298216	A	-0.0383
rs4323228	C	0.0128
rs111841666	G	-0.0381
rs145123986	C	0.0597
rs114151801	A	0.0222
rs115844784	T	0.067
rs6601132	A	0.0413
rs36050966	T	0.0838
rs72725218	T	-0.095
rs139094032	T	-0.0348
rs80013291	A	0.0603
rs6876369	G	-0.0169
rs10076051	T	-0.0718
rs4131230	G	-0.0461
rs1978632	C	0.0717
rs2562582	C	0.0141
rs137855265	T	-0.0892
rs76709465	C	-0.041
rs6859185	G	0.0118
rs17322880	T	-0.021
rs34858774	C	0.0336
rs111272623	C	-0.0764
rs35886244	G	-0.0173
rs28551152	A	-0.0685
rs72775860	T	-0.034
rs147992763	G	0.074
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rs62075704	A	-0.0508
rs433227	A	-0.0123
rs56264732	C	-0.0158
rs143493976	T	0.033
rs62382051	T	0.0154
rs17075007	A	0.0148
rs141519303	T	-0.0429

rs17879984	C	-0.0291
rs75473231	C	0.0709
rs79213501	A	0.0369
rs143631582	A	-0.0674
rs17643844	A	-0.015
rs72729382	T	-0.0195
rs12513794	G	0.0165
rs6868831	T	-0.0783
rs79019287	C	0.0458
rs115035783	C	-0.041
rs114752366	A	0.0467
rs78537826	G	0.0797
rs35332751	C	0.0314
rs2964675	A	0.0136
rs279390	A	0.0162
rs62376500	C	-0.0721
rs62385988	A	0.0307
rs6876370	T	0.0113
rs2303676	T	-0.0252
rs7709783	C	0.0247
rs283619	G	-0.0119
rs76579560	C	-0.1178
rs148824742	T	0.0737
rs77370310	G	-0.0452
rs140676405	T	0.0391
rs140998748	A	-0.0425
rs115493729	A	0.0545
rs10051358	G	-0.0116
rs10475844	A	0.0195
rs112086585	T	0.0658
rs141098171	G	-0.0634
rs11948305	G	0.0567
rs77269405	A	-0.0834
rs73756380	T	0.0654
rs1366089	T	-0.0124
rs77845673	A	-0.0162
rs9647580	C	-0.0554
rs744286	G	0.0131
rs6601029	A	-0.065
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rs151127750	A	-0.0744
rs34565959	T	-0.011
rs9293790	A	-0.0122
rs11744381	C	0.0276
rs72742744	G	-0.0659
rs139712384	A	-0.1347
rs60431728	A	0.0466

rs115229681	A	0.03
rs111942249	A	0.0669
rs62365254	A	-0.0818
rs2434713	C	0.0123
rs29642	C	-0.0119
rs6881356	A	-0.0154
rs149358807	T	0.0442
rs112720032	G	-0.0768
rs13179536	T	-0.0233
rs114787649	T	0.0931
rs4867969	T	-0.0735
rs140969230	T	-0.0322
rs142816355	G	-0.0709
rs72741079	T	-0.0699
rs12517523	A	0.038
rs4558971	A	-0.0175
rs28676880	G	0.015
rs115740428	G	0.0588
rs2913913	T	-0.0292
rs10080135	T	0.0147
rs62369879	G	0.0629
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rs113123917	A	0.0665
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rs79360421	G	-0.0293
rs62355612	A	0.025
rs77436203	A	-0.0573
rs148379904	G	-0.0597
rs17329450	A	0.029
rs115232111	T	-0.0854
rs11739824	T	0.0515
rs73800669	T	0.0407
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rs74935352	C	0.0397
rs142165536	T	0.0475
rs115832799	A	-0.0531
rs72791034	T	0.0222
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rs116434801	T	0.0761
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rs17269014	T	0.0214
rs76508569	C	0.0411
rs148960151	T	-0.0902
rs4867247	A	-0.0204
rs6860843	C	0.0129
rs6873065	C	0.0282
rs34912304	G	0.0227
rs17798350	A	-0.0457
rs114793447	A	-0.0608
rs12515558	G	0.0116
rs504596	G	-0.0149
rs7706372	C	-0.0274
rs11949190	A	0.0214
rs340671	G	-0.0206
rs66750569	A	0.033
rs62373160	T	-0.0443
rs13178105	T	0.0152
rs115137541	G	-0.0535
rs6890778	T	-0.0125
rs76076425	A	-0.0475
rs2279979	T	0.0285
rs13169373	T	-0.0147
rs4467714	T	0.0142
rs114359949	A	0.0385
rs10875551	A	0.0121
rs114048838	C	0.0511
rs13186467	A	0.0198
rs10039679	C	-0.0412
rs116269680	T	-0.0543
rs116883002	T	0.0627
rs79382972	T	-0.051
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rs143150325	T	0.0838
rs62388865	G	0.0411
rs13357663	G	-0.0122
rs6899175	C	0.0185
rs32872	T	-0.0185
rs114579110	G	0.0321
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rs62373830	C	-0.0396
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rs116402636	A	-0.069
rs114444069	A	-0.0382
rs55753653	T	-0.0376
rs6893475	C	0.0134
rs11749738	T	-0.0305
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rs77821955	T	0.0662
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rs114955451	C	-0.0673
rs141935790	G	0.0906
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rs79338118	A	0.0486
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rs12520292	C	0.0191
rs7721851	C	0.0155
rs61749601	C	0.0369
rs604263	T	-0.0193
rs143823697	A	0.0756
rs55982560	T	-0.0397
rs116390835	A	-0.0552
rs13169699	C	0.0364
rs2112695	T	0.0158
rs79736681	C	-0.0942
rs315917	G	-0.022
rs11953800	C	-0.0166
rs116066421	C	0.0505
rs2902557	T	0.0306
rs115358056	A	-0.0649
rs74893885	T	-0.0362
rs76525092	A	0.0196

rs72791976	A	-0.0239
rs1022040	C	-0.013
rs17641761	G	-0.0121
rs248180	T	0.0129
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rs114641557	C	-0.0531
rs72767061	T	-0.0188
rs116257021	A	0.0537
rs76952064	C	0.0491
rs445049	A	0.0216
rs145197515	G	-0.0887
rs112017372	T	0.0383
rs117012412	G	-0.0471
rs77215280	C	0.0528
rs1035856	A	0.037
rs143689810	C	0.0631
rs75737019	A	-0.0312
rs6898636	C	-0.0125
rs148658824	C	0.0323
rs75712536	G	-0.0671
rs79155969	G	-0.0578
rs28478094	T	0.0652
rs6556840	A	-0.0115
rs891950	G	-0.0133
rs62359600	A	0.0551
rs76647637	T	-0.0397
rs72812114	T	-0.0267
rs12186442	A	0.0165
rs74955361	T	-0.0307
rs10045712	G	0.0127
rs4242256	C	0.0197
rs76887055	T	0.0465
rs16871030	G	0.0134
rs78268733	A	-0.063
rs12652602	T	-0.0128
rs4976592	T	-0.0124
rs114872024	A	0.0444
rs159349	C	0.0119
rs6899034	A	-0.0315
rs161643	G	0.0141
rs2287890	G	-0.0231
rs35399432	T	-0.0334
rs173504	A	0.0287
rs4958276	C	-0.0135
rs6601221	C	0.0115
rs1435247	A	-0.0133
rs1650639	C	0.0122

rs113533968	C	-0.0385
rs72740610	T	0.0257
rs33278	C	0.0137
rs10054028	T	-0.0125
rs7443143	T	0.0215
rs77510598	G	-0.0648
rs114369201	C	-0.0754
rs76551019	A	-0.0683
rs79806058	C	0.0481
rs9637856	C	0.0214
rs1466620	G	0.0123
rs2901630	A	0.0229
rs12522014	A	0.0146
rs143028553	T	0.0945
rs148457919	A	-0.0521
rs77201191	T	-0.0875
rs62374476	G	-0.047
rs6860803	A	-0.015
rs199200	A	0.0145
rs79143726	A	-0.0282
rs73807305	A	-0.0475
rs111614647	G	0.0541
rs76952610	G	0.0364
rs115371176	T	0.0607
rs111351657	G	-0.0838
rs74828350	A	-0.0504
rs78053739	T	-0.0604
rs162022	A	-0.0129
rs13163994	T	0.0358
rs33936334	T	-0.0231
rs62361314	A	0.0198
rs7703564	A	-0.0117
rs2961870	G	0.0203
rs11750165	T	-0.0218
rs149781377	G	0.0517
rs10038146	T	0.0329
rs11135533	G	0.026
rs142910163	A	0.0322
rs9313026	C	-0.0122
rs13158322	A	0.0328
rs72819588	A	-0.0164
rs80275264	A	-0.0414
rs262864	A	0.0146
rs12658121	A	0.0284
rs61160639	T	-0.0162
rs10805887	A	-0.0111
rs144371909	A	0.0345

rs62362782	A	0.0185
rs11739996	A	-0.0145
rs113414659	T	0.1095
rs596342	C	0.0114
rs17079868	A	0.0376
rs112676138	G	-0.0701
rs37209	G	0.0192
rs144111161	G	0.0657
rs75166778	C	-0.054
rs150425521	C	-0.086
rs114382043	T	-0.0363
rs116202999	C	-0.0485
rs75209549	G	-0.019
rs7731015	T	0.0123
rs2662333	T	-0.0109
rs6453276	A	0.0388
rs112450131	T	0.0596
rs114870872	T	0.0449
rs35031865	T	0.0264
rs162448	G	-0.0119
rs4989585	T	0.0142
rs141342281	G	-0.08
rs4701878	C	-0.0199
rs17627528	G	-0.0119
rs139503977	T	0.0925
rs80124130	C	0.0398
rs72796558	A	-0.0528
rs1351140	C	-0.0227
rs79680695	G	0.0625
rs6881329	G	-0.0151
rs113175693	A	0.0334
rs9272561	A	-0.136
rs9381563	C	0.0968
rs112572344	G	-0.1878
rs28895055	G	0.1193
rs9270893	C	0.0955
rs9275072	T	-0.1273
rs12197270	A	0.0911
rs2018420	C	-0.0854
rs72508436	G	-0.1199
rs9273491	A	-0.1507
rs35696625	C	0.1239
rs1497526	A	0.2113
rs9273165	T	-0.0953
rs114812713	C	0.2295
rs6458567	T	-0.0747
rs117845581	A	0.3357

rs75700544	T	0.1012
rs2496140	T	-0.0734
rs113464648	C	-0.1041
rs80225070	C	-0.0925
rs9465770	A	0.2289
rs351739	A	0.0676
rs77835086	A	-0.339
rs764650	C	-0.0835
rs75463813	A	0.1912
rs9372118	C	-0.0632
rs113278846	A	0.3766
rs1993330	G	-0.0619
rs116132619	C	0.1089
rs9272598	T	-0.0834
rs113155855	A	0.3488
rs9493824	A	0.1609
rs12194027	C	0.2792
rs76006345	T	-0.3447
rs9465461	G	0.1171
rs116928889	A	0.3509
rs4380799	G	0.1072
rs149089889	A	0.263
rs217523	A	0.0605
rs12661844	T	-0.0738
rs77036739	T	-0.1124
rs113664977	G	-0.1371
rs12193068	C	0.1102
rs2284796	G	0.1351
rs1741738	G	-0.0843
rs17135328	A	-0.1032
rs144363587	T	0.6385
rs9471497	C	0.146
rs150098776	T	-0.0992
rs9489900	C	0.2099
rs13219130	A	0.0888
rs116193532	A	-0.0997
rs145027869	T	0.2522
rs9348302	A	-0.0722
rs4716373	C	-0.3523
rs115830429	A	-0.3461
rs117395478	C	-0.2854
rs28383456	T	-0.152
rs7774782	C	-0.0783
rs783414	A	0.1038
rs138040595	T	0.2007
rs12198405	G	0.2216
rs150332915	T	0.2303

rs142006308	A	0.1852
rs139388925	C	-0.4083
rs9385845	C	0.0767
rs9479690	A	0.1166
rs62385056	G	-0.0585
rs72944972	A	0.0847
rs9496727	A	-0.1407
rs77242216	C	0.1562
rs56245033	C	0.187
rs720741	A	0.0625
rs16881463	T	0.1406
rs66607538	A	0.0769
rs857433	G	-0.0851
rs72826288	T	0.4194
rs9452736	G	-0.0712
rs140678794	C	0.3727
rs79251236	C	-0.163
rs140073883	C	-0.1332
rs146978108	G	-0.3365
rs73740846	T	0.2166
rs2144747	C	0.0981
rs6934812	A	-0.0548
rs112540561	T	-0.2271
rs4714579	A	0.0583
rs144947706	G	0.102
rs7747540	T	0.0924
rs3777721	C	0.2158
rs41292868	T	0.1187
rs9367081	T	0.0975
rs17749438	T	0.1464
rs608116	A	0.2147
rs2151984	G	0.0579
rs114717496	G	-0.1124
rs12202773	A	0.1064
rs72843780	T	0.267
rs141452036	A	0.1016
rs72819725	A	-0.1444
rs1576088	T	-0.0616
rs206731	A	0.0938
rs9385377	G	-0.057
rs16871188	G	-0.1213
rs114693948	T	-0.0954
rs9381040	T	-0.0588
rs9470378	T	0.0975
rs35069188	A	0.2003
rs73021100	T	-0.2483
rs1819282	C	0.0554

rs9404027	A	0.0624
rs1151	C	-0.0685
rs111931519	C	0.2654
rs77222031	A	0.2333
rs9405613	T	0.0627
rs62424611	C	0.1293
rs2816222	C	-0.0786
rs75781786	T	-0.2869
rs11754115	A	0.0926
rs114956101	C	0.2459
rs141930421	G	0.2697
rs9356624	C	-0.0821
rs72916026	G	0.2192
rs17644411	A	-0.0928
rs12193809	T	0.0894
rs3106169	A	-0.0863
rs114975388	G	0.3051
rs78310013	T	0.1414
rs116844982	T	0.1974
rs74686406	A	0.2519
rs117448803	A	-0.2809
rs57317418	A	0.072
rs117205535	G	0.2662
rs59750613	T	-0.0614
rs11967822	G	-0.0897
rs80066353	C	0.0806
rs71536602	C	0.1066
rs115877125	A	0.0851
rs300121	G	0.1317
rs2268444	A	0.0986
rs139052545	G	-0.2131
rs11757341	T	0.0578
rs3024304	T	0.0607
rs7772364	A	0.1015
rs139589178	T	0.2465
rs4299808	C	0.0513
rs9378903	A	0.0648
rs9265052	A	-0.0714
rs13215666	G	0.0517
rs6900851	G	-0.0765
rs9296253	A	0.1213
rs116829906	C	-0.1129
rs58297187	T	0.077
rs1542638	G	0.0544
rs2852577	G	0.054
rs9390765	T	0.0762
rs9460978	T	0.3425

rs1395452	G	0.0696
rs9394416	G	0.0602
rs115026842	T	0.3808
rs2819095	G	0.1437
rs73735826	A	0.204
rs77328882	A	0.1393
rs41285646	A	-0.0817
rs2093565	A	0.0527
rs17753919	A	0.2241
rs75829713	C	-0.147
rs9296553	G	0.108
rs7741054	G	-0.0582
rs9362046	C	-0.0498
rs6938623	G	-0.0812
rs2071863	A	-0.0656
rs2342647	G	-0.0525
rs2274154	T	0.0806
rs10223449	C	0.0556
rs2875546	C	0.0498
rs3904923	A	-0.059
rs75048539	T	0.2462
rs12197625	A	0.0887
rs9394778	A	-0.0494
rs150765422	T	0.17
rs4870286	T	-0.2007
rs9495526	T	0.103
rs7454318	T	0.0514
rs999613	T	-0.0505
rs9502415	A	0.0937
rs78804960	A	0.1485
rs2071939	C	-0.0575
rs138753999	T	0.2512
rs76950983	G	-0.1544
rs17755573	A	-0.093
rs145115100	T	0.2236
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rs2501634	C	0.2592
rs79502920	A	0.1556
rs114642512	A	0.1935
rs1925690	T	-0.0826
rs12523862	C	-0.2087
rs9371853	A	-0.0531
rs17348429	T	-0.0646
rs9295628	T	0.0582

rs13196087	A	-0.0881
rs200467	G	-0.1926
rs9340837	G	0.1171
rs1847473	C	0.0565
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rs7741794	G	0.0571
rs62442662	C	0.1765
rs139801819	A	0.0604
rs9471734	A	0.0809
rs79704124	A	0.1081
rs9400911	A	-0.1007
rs878175	C	-0.0665
rs7772697	C	0.0515
rs143632538	C	0.2205
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rs9459154	C	-0.0853
rs1184446	C	0.0586
rs7746074	T	-0.0512
rs1359001	C	-0.0697
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rs4437456	G	-0.0881
rs2811676	T	-0.061
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rs75222823	A	0.1736
rs16871880	C	0.2511
rs62432566	G	0.0889
rs149506511	A	-0.3365
rs1737316	T	0.2311
rs9369414	A	0.0777
rs77031799	A	0.4418
rs604927	T	0.073
rs76762820	A	-0.0772
rs71556132	C	0.2785
rs4709876	C	0.1423
rs2237249	G	0.0491
rs311239	G	-0.0583
rs9374588	A	-0.0496
rs150586208	C	0.387
rs2842370	T	0.0494
rs76562254	T	0.0942
rs7755731	A	0.0505
rs12528948	T	-0.0658
rs2813566	A	0.0521
rs1004018	A	-0.0619

rs146187357	A	0.1492
rs4840008	T	0.0875
rs17636617	A	0.0941
rs13217932	T	-0.0576
rs9380511	A	0.0912
rs6900329	T	-0.0472
rs807916	C	-0.0648
rs9387903	T	-0.0796
rs9353708	A	0.192
rs17307478	C	0.0861
rs117140009	A	0.2876
rs2101878	A	0.0476
rs117473598	G	-0.3775
rs79091739	C	0.2406
rs4960469	C	-0.1016
rs449473	G	-0.0549
rs11759210	C	-0.1551
rs72877828	A	-0.1643
rs9450926	T	0.0989
rs9348480	A	0.0638
rs111939998	T	0.241
rs3003965	G	-0.0545
rs143023026	T	-0.2276
rs4485990	T	0.1657
rs2496694	G	0.0485
rs62441066	T	0.4021
rs2808006	C	0.178
rs1528506	A	-0.0478
rs1044759	T	-0.2189
rs147014997	A	0.2355
rs522923	T	0.0504
rs9348655	T	0.0759
rs2876189	G	0.0541
rs117451605	A	-0.2109
rs12211017	C	-0.1202
rs9372449	G	-0.0598
rs6919154	G	-0.0622
rs4707535	T	0.0614
rs2396258	G	-0.0508
rs143640766	C	-0.3503
rs162985	C	0.0487
rs144358965	T	0.2162
rs77792583	C	-0.1419
rs9484672	T	-0.2129
rs4959847	C	0.0527
rs594902	C	0.0476
rs11751154	T	0.1079

rs4599678	A	0.0918
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rs11243078	G	0.0774
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rs12212983	G	0.0481
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rs7741143	G	-0.211
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rs13212681	C	0.065
rs73014960	G	0.1806
rs10080249	T	0.0614
rs12195804	T	0.08
rs827419	C	-0.0473
rs148558121	G	0.3361
rs148509634	T	0.5078
rs76835268	T	-0.2116
rs1739678	A	-0.076
rs76631016	T	0.1061
rs149283133	A	0.4095
rs12528267	G	-0.0853
rs138188178	T	-0.1489
rs138966729	T	0.3603
rs736794	T	-0.0491
rs140432852	A	0.1638
rs9468918	C	-0.0642
rs112346745	T	-0.1191
rs9380909	A	0.1731
rs111374124	T	-0.1815
rs143421891	G	-0.1765
rs9365166	T	0.0472
rs17827161	G	-0.1203
rs149173486	C	0.1873
rs140849036	A	0.2573
rs141732981	C	0.1578
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rs7744382	A	-0.0462
rs6458829	C	-0.091
rs138713450	T	0.2497
rs2984428	A	0.1421
rs2487372	C	0.1176
rs34512839	A	0.2214
rs648096	A	0.0614
rs12663271	T	0.154
rs74887879	T	0.1634

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rs17653941	G	0.0572
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rs7753185	T	-0.1016
rs9341498	C	0.0623
rs2101241	C	0.1648
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rs2756038	G	0.0523
rs9358393	A	0.0453
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rs9344737	T	0.1327
rs35351535	G	0.1619
rs416177	A	0.0839
rs4236109	A	0.0494
rs9379282	A	-0.0593
rs77491413	A	-0.3267
rs75841697	G	0.1438
rs6925551	C	0.1502
rs72904366	C	-0.2237
rs1358904	T	-0.0514
rs149287514	T	0.2319
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rs10455654	T	0.0668
rs9453115	T	-0.0518
rs78979753	C	-0.16
rs6920285	C	0.2302
rs2503763	G	0.1308
rs72932884	T	-0.2259
rs6941854	C	0.0581
rs9384274	C	0.0591
rs56266836	G	0.2815
rs13196021	T	0.1517
rs17072527	A	0.057
rs143845990	C	-0.2595
rs12528631	A	0.0741
rs10455281	A	-0.0516
rs4707758	C	0.1004
rs9405538	C	0.1878
rs2076060	C	0.0557
rs9295408	G	0.0535
rs72832365	C	-0.1981
rs113070082	C	-0.3774

rs12202556	G	0.0456
rs550170	G	-0.0471
rs117846256	A	0.1137
rs813882	T	0.0564
rs117398492	C	-0.1937
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rs72875397	G	-0.0998
rs57222907	G	0.0895
rs9266303	T	0.0735
rs9359318	T	-0.0491
rs1335026	T	-0.1272
rs75098702	T	-0.3909
rs9381994	T	-0.0462
rs6936500	C	0.2652
rs9484111	T	0.0588
rs11753013	G	-0.0714
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rs4431433	T	-0.0528
rs113468450	G	-0.2486
rs7760387	C	-0.0631
rs9351133	C	0.0482
rs9273554	C	-0.0933
rs505358	A	0.0485
rs6935171	A	0.0931
rs58001263	T	0.2056
rs75971334	C	0.2747
rs6903469	T	0.0472
rs147134965	T	0.3098
rs142472800	A	-0.2545
rs6910583	A	0.0825
rs34294370	A	-0.085
rs113045441	A	0.1343
rs145079843	G	0.2496
rs2817025	T	0.1947
rs34172167	T	-0.0556
rs6935226	T	0.0896
rs13192562	C	-0.1936
rs114277506	C	-0.1856
rs10946351	C	-0.0518
rs9405858	C	0.0555
rs11962973	C	0.0619
rs3025007	T	0.0603
rs6454602	T	0.0681
rs55810140	T	0.2382
rs140250980	G	0.05
rs4714699	C	-0.049
rs17135521	C	0.1341

rs11961984	T	0.054
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rs1410525	T	0.0466
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rs115140746	A	-0.1549
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rs12208357	T	-0.0841
rs7763782	A	-0.0616
rs76071086	C	-0.3274
rs6927072	T	0.048
rs11758584	T	-0.134
rs2183499	G	0.0549
rs2603688	C	-0.0457
rs9473060	G	0.0471
rs139222246	A	0.071
rs17212273	A	0.3511
rs9401606	T	-0.044
rs968147	A	-0.0593
rs551175	A	0.0514
rs6906236	G	0.1927
rs9475808	T	0.114
rs80163834	A	-0.1153
rs77549727	G	0.1052
rs2073634	A	-0.0787
rs12190715	G	-0.0796
rs58254626	T	-0.0747
rs10949486	A	-0.0472
rs2842650	C	0.0583
rs2495986	G	-0.0508
rs150511164	T	0.3721

rs10948314	G	-0.073
rs76467698	G	0.3083
rs142090224	T	0.0903
rs508493	T	-0.0455
rs17219737	G	0.0931
rs140445772	G	0.3117
rs141439502	C	-0.2626
rs117596870	A	-0.1425
rs9321429	G	0.0595
rs58667017	A	-0.0585
rs113534616	C	0.1753
rs145151871	T	0.2007
rs112783738	A	-0.064
rs6458287	C	-0.0506
rs72979311	A	0.2447
rs113466984	C	-0.0811
rs7750106	A	0.1028
rs12196933	T	0.0974
rs34471491	T	0.113
rs114264459	A	-0.3151
rs17213693	C	0.0864
rs12660139	C	0.0578
rs75249927	T	-0.2
rs73020537	C	0.0641
rs179957	A	0.0523
rs11961920	T	0.0709
rs112654238	A	0.2783
rs9479706	T	0.0613
rs12193586	T	0.2436
rs934147	T	0.055
rs179939	A	0.0627
rs75465431	C	-0.1854
rs140302846	G	-0.197
rs2050427	A	-0.0483
rs1467927	C	-0.3008
rs9504937	A	0.0578
rs75353579	A	-0.3223
rs7774012	T	0.2099
rs77897225	A	-0.101
rs79750757	G	0.3347
rs17073643	T	-0.0607
rs2734325	T	-0.0499
rs4709856	T	-0.0454
rs16872748	C	0.1283
rs62427400	A	0.3782
rs41292866	T	-0.0736
rs3789220	A	-0.1206

rs3819405	T	0.0592
rs1983800	A	-0.0561
rs12194163	G	0.2701
rs62436618	C	0.1641
rs72890979	A	0.1948
rs959063	A	-0.1004
rs7763000	G	0.2741
rs79680184	G	0.1012
rs10806837	T	0.1156
rs146098784	T	-0.19
rs112356474	G	-0.1379
rs1936902	G	-0.0438
rs2875954	C	-0.0473
rs9458121	G	-0.0759
rs9395504	T	-0.0465
rs12189566	C	-0.1675
rs60349803	G	0.0953
rs7450397	C	0.0451
rs9445061	C	-0.0507
rs76245847	C	0.1333
rs9380731	T	0.2501
rs34878964	G	0.1022
rs9386162	C	0.0595
rs114422378	T	-0.1631
rs2457003	C	-0.1047
rs138906148	C	0.3018
rs4076025	A	-0.1981
rs7761791	C	-0.0462
rs35783095	A	0.0737
rs9477351	C	-0.0479
rs62413947	C	0.2783
rs222453	C	-0.0713
rs7754689	T	0.0802
rs71561161	A	0.1777
rs7741440	G	0.1198
rs9390542	A	0.0562
rs7756000	G	0.1022
rs72845848	A	0.1995
rs72850547	T	0.2566
rs117912406	G	-0.1289
rs138620436	A	0.2896
rs12665571	T	-0.2678
rs143017509	A	0.234
rs2746591	T	0.16
rs115807406	A	-0.3632
rs71573452	G	0.1067
rs6930296	C	0.0468

rs10458189	G	0.1129
rs113717694	C	0.285
rs28360551	G	0.0906
rs73018271	T	0.2716
rs1200428	T	-0.0527
rs11966570	T	0.0616
rs12664929	G	0.307
rs1987388	A	0.0644
rs535479	C	0.0446
rs608242	T	0.0596
rs13220323	T	0.0619
rs2562895	A	-0.067
rs342622	T	0.0596
rs34412485	C	0.1508
rs12215198	A	-0.0988
rs9479488	A	0.0423
rs11961143	T	-0.0618
rs117818034	A	0.1913
rs78594129	A	0.3964
rs13208950	G	-0.0824
rs127503	A	0.0598
rs116171194	T	0.3497
rs72851058	T	-0.1209
rs34199346	G	0.1307
rs73727915	T	-0.0834
rs146335257	C	-0.3264
rs2256349	G	-0.0507
rs11759723	G	0.0953
rs34836283	A	0.078
rs208459	C	-0.0452
rs9473176	T	-0.0474
rs9381234	G	0.0465
rs145983443	G	-0.1274
rs1998736	A	-0.0772
rs2671291	G	0.0514
rs35309891	G	-0.0448
rs117950842	C	0.1753
rs117724512	G	0.2411
rs75777107	G	0.167
rs11752636	G	-0.1843
rs112439241	G	0.0518
rs4712653	C	0.0429
rs712218	G	-0.0425
rs269431	T	-0.0682
rs9481844	A	-0.0593
rs2457349	T	-0.0467
rs9479184	A	-0.0926

rs17639655	C	-0.0615
rs56172380	C	-0.0901
rs72867290	A	0.2133
rs6925430	G	0.1089
rs4897519	T	0.0455
rs71565641	C	-0.3783
rs75752391	A	-0.1032
rs581094	G	0.0603
rs2025490	T	0.0439
rs57333273	A	0.0531
rs12198236	T	0.0439
rs78819207	A	0.1054
rs73726189	T	-0.08
rs9295541	C	-0.0454
rs75806315	C	0.1396
rs723787	G	0.0659
rs41267789	G	0.1467
rs75554720	G	-0.1492
rs79456939	T	0.1726
rs9353352	C	-0.0979
rs12214365	A	-0.0526
rs10947977	C	0.286
rs72817758	A	-0.1879
rs6928024	A	-0.0489
rs143554546	C	0.2135
rs113123340	A	0.3015
rs73554550	C	0.2674
rs9459695	A	0.0522
rs77696335	T	0.1933
rs486233	C	-0.116
rs4053616	A	0.0462
rs12203161	G	0.135
rs12207253	C	-0.123
rs4706864	A	-0.146
rs11758521	T	0.0419
rs77148153	A	-0.1428
rs2249818	G	-0.0424
rs146558906	T	0.2174
rs41360849	C	0.0716
rs6908730	G	-0.2106
rs1915560	G	0.0613
rs11755221	A	0.0844
rs57400420	A	0.0613
rs1066731	A	-0.1045
rs112755797	G	0.1928
rs220969	C	-0.0479
rs144132248	T	-0.1409

rs9398288	T	0.0682
rs73576046	C	0.0885
rs77587111	G	-0.23
rs16886806	T	0.2666
rs9483210	T	0.0505
rs59546143	T	0.1239
rs9450782	C	0.0969
rs9374477	A	-0.0425
rs77780966	C	0.2188
rs146218224	C	0.1418
rs1205498	C	0.0617
rs74882303	C	-0.2584
rs9369964	C	-0.0612
rs115683811	G	0.2321
rs149067324	A	0.1617
rs75302607	G	0.1945
rs9480032	G	-0.0418
rs4711926	G	0.0431
rs75839544	G	-0.1208
rs2500464	T	0.0519
rs75102631	A	-0.1412
rs17083816	G	0.0831
rs205661	G	-0.0869
rs79482367	C	-0.0976
rs146401261	T	-0.2951
rs7764525	T	0.0428
rs9469963	A	0.1242
rs149844116	T	0.1012
rs11961876	G	0.1949
rs56177516	C	0.0512
rs9474543	C	0.1777
rs6569439	A	-0.0437
rs62431518	T	0.1532
rs4708660	T	-0.0493
rs75026206	T	0.1044
rs148235295	A	0.2478
rs77985343	A	0.1403
rs142804446	A	0.2548
rs72886856	A	0.1189
rs6456167	A	-0.0527
rs9459725	G	0.0447
rs12526492	C	0.0854
rs12193693	G	0.1087
rs143490455	C	0.1808
rs9460657	T	0.1564
rs73546608	A	0.0986
rs1877770	T	0.0877

rs148756768	T	0.2045
rs12183294	T	0.0683
rs116522341	G	-0.1305
rs115601376	G	0.1132
rs62422887	T	-0.118
rs78076759	T	0.2091
rs143548716	C	0.1217
rs9490385	T	0.2042
rs1027484	T	-0.0516
rs147333795	G	0.3196
rs140034075	T	0.1583
rs34865928	A	0.1825
rs17748476	C	0.134
rs12190767	C	-0.3044
rs148371742	C	-0.2879
rs13437161	T	0.1162
rs9373250	T	-0.0457
rs6922044	T	0.047
rs12193477	G	-0.1058
rs77963967	A	-0.1433
rs9375993	T	-0.0543
rs7767084	C	0.0569
rs4839725	G	0.0521
rs9474108	A	-0.0801
rs78365769	T	-0.1766
rs114601975	G	0.1834
rs62419862	G	0.2363
rs12173725	T	-0.1999
rs9352692	A	0.0673
rs228425	A	0.2035
rs1267856	T	0.1149
rs142456847	T	-0.175
rs801260	T	0.0498
rs9386316	C	-0.0733
rs526586	G	0.0426
rs75052448	A	-0.1427
rs4148872	T	0.0629
rs362870	C	0.1471
rs1237944	G	-0.0463
rs76840420	G	0.0739
rs75785398	A	-0.3213
rs1753990	T	0.0484
rs2096982	C	0.045
rs2493166	T	0.0468
rs74949883	A	0.0967
rs77582796	A	0.2404
rs116681984	T	-0.2028

rs76600361	A	0.1792
rs9405784	C	-0.0485
rs149214145	C	-0.0796
rs9450928	C	0.0513
rs778010	T	-0.0904
rs80225290	T	0.1947
rs9357963	C	-0.0975
rs9382101	A	0.1055
rs864111	C	0.07
rs146547345	T	-0.2221
rs17071520	G	0.1998
rs35602444	C	-0.0478
rs2328068	C	0.0446
rs57506541	A	-0.0722
rs117415359	T	-0.2244
rs7738724	G	-0.0479
rs2444785	A	0.0475
rs9296328	C	0.0644
rs877267	C	-0.0453
rs9364716	G	0.0406
rs9462036	A	-0.0412
rs2504821	A	0.0732
rs148415100	T	-0.1439
rs72817755	G	-0.1807
rs116868135	T	0.1259
rs236978	A	-0.0472
rs384167	A	0.0542
rs12205919	A	0.0704
rs7769423	G	-0.0675
rs7776096	C	-0.0516
rs6459026	T	0.0419
rs62427107	T	0.1402
rs144951705	C	-0.1481
rs78286647	C	-0.1445
rs75490802	T	0.198
rs2842063	T	0.0534
rs940741	G	-0.331
rs9475399	A	-0.0657
rs6933642	A	-0.0494
rs17062582	A	0.2399
rs6904106	G	0.0458
rs9390416	A	0.0548
rs4709829	A	0.0455
rs1377392	T	-0.0459
rs114618388	G	-0.3577
rs138277375	A	0.1466
rs76165471	T	-0.2274

rs11155259	A	-0.0833
rs6935454	T	0.0478
rs12193758	T	0.0471
rs57658970	T	0.158
rs35609130	C	0.0474
rs113789221	C	0.1991
rs139523312	A	0.2218
rs1355494	A	0.0706
rs117726857	C	-0.1695
rs9392280	A	0.111
rs4706693	A	0.1016
rs9498665	T	-0.0599
rs6908781	T	-0.1993
rs7744977	C	0.1367
rs35254761	A	0.102
rs149224456	T	-0.1984
rs146803692	A	0.1986
rs2820396	G	-0.0401
rs1325545	T	0.0473
rs138283867	C	0.2772
rs2690133	A	0.0407
rs58173756	A	-0.0572
rs111629317	G	-0.0641
rs76243243	C	0.1665
rs75667310	A	0.1757
rs116842249	C	0.1661
rs16879977	C	0.1722
rs7738664	C	-0.0433
rs2619514	G	0.0684
rs6923988	C	-0.0518
rs9458995	C	0.0495
rs9405967	T	0.0482
rs9384741	G	-0.0441
rs78219304	G	-0.2145
rs6901252	T	0.1109
rs9457307	A	0.149
rs117405796	C	0.335
rs116595283	G	-0.0882
rs58083797	C	-0.0636
rs303079	A	-0.0488
rs9455593	G	-0.0526
rs111509337	G	-0.1744
rs9689944	G	-0.0429
rs73517041	C	0.1901
rs6910607	T	0.0628
rs1953321	A	-0.1506
rs9405285	T	0.0458

rs2503097	G	0.0501
rs77253483	C	0.1574
rs2486414	A	-0.0736
rs6916316	C	0.0649
rs60101936	A	0.1696
rs7769290	A	0.0756
rs999898	T	0.1795
rs477407	G	-0.0714
rs2350523	G	-0.0445
rs6910466	C	-0.0497
rs59548069	G	-0.0491
rs72895711	A	0.0718
rs149857108	A	-0.1761
rs4715893	C	0.1113
rs1947701	G	-0.0428
rs4577812	A	0.0567
rs6938091	G	0.0477
rs114108311	T	-0.3008
rs4560653	C	0.0604
rs28362848	T	0.0941
rs9396682	C	0.0815
rs2100967	G	-0.0504
rs62395247	A	-0.0566
rs2131870	T	0.0612
rs77930893	T	-0.1965
rs62436113	C	0.0835
rs150724396	T	-0.2486
rs77209474	T	-0.0665
rs609764	C	-0.0478
rs2516104	G	-0.0419
rs2626125	A	-0.3955
rs78195170	T	0.124
rs72927277	A	-0.2074
rs117736689	G	-0.1991
rs117954634	A	0.1849
rs62440472	A	-0.1077
rs141802825	C	0.1786
rs113701493	G	0.2761
rs9384122	A	0.0472
rs7759024	C	0.2136
rs35064671	G	0.056
rs72942166	C	0.1934
rs146119674	C	-0.3084
rs11753599	G	-0.0518
rs74456389	T	0.1309
rs9390537	C	-0.0501
rs116428971	A	-0.0999

rs4529305	C	0.0867
rs6929400	C	-0.0444
rs147863631	A	-0.3386
rs10457138	C	-0.0455
rs55873083	A	0.2497
rs9456577	C	0.2331
rs2206736	A	0.0595
rs7744913	T	0.1197
rs9460969	C	0.1238
rs4708278	C	-0.0706
rs1698998	A	-0.053
rs10478718	T	0.1387
rs9479762	T	-0.0649
rs10948478	A	-0.0505
rs2064323	T	0.0487
rs870481	A	-0.0924
rs716952	A	0.0557
rs76323237	T	-0.2401
rs55785931	T	0.0893
rs17079957	A	0.0891
rs6919593	C	0.0899
rs72861517	T	-0.1378
rs9492642	C	0.0938
rs78151190	C	-0.0609
rs62428788	T	-0.1795
rs72953216	A	0.0701
rs12198606	T	0.0563
rs3823096	T	-0.0414
rs405742	A	-0.0394
rs7753620	C	0.1333
rs17143007	T	0.0939
rs118163492	A	0.1258
rs112392367	C	-0.2076
rs117080580	A	0.2088
rs385230	G	-0.0517
rs60859984	G	0.0969
rs7761614	C	0.0518
rs74919739	G	0.102
rs115070292	G	0.2058
rs4707826	T	0.279
rs12111337	C	-0.1979
rs12662990	A	-0.0677
rs62434812	C	-0.1053
rs73736912	G	0.094
rs76418374	G	-0.1239
rs114202986	C	-0.0888
rs56231335	C	-0.0471

rs2757573	G	0.0917
rs118061248	G	-0.1142
rs7744777	T	0.052
rs144142721	A	0.1058
rs139566008	C	-0.1723
rs77446781	A	0.1818
rs17077993	C	0.1101
rs4541756	A	0.0418
rs4438965	T	0.0427
rs1575612	T	-0.0391
rs7744358	G	-0.0417
rs7759731	T	-0.062
rs4707654	T	0.0397
rs9403057	G	0.0395
rs111920036	G	0.0421
rs6932413	A	-0.0416
rs77250353	C	0.1238
rs36050334	T	0.1749
rs77791760	T	0.1793
rs9444613	A	-0.0401
rs73775367	T	0.0733
rs17073830	C	0.1031
rs6933499	C	-0.1852
rs71561432	G	0.3891
rs79728378	A	-0.2352
rs6937922	A	-0.0529
rs75983197	G	-0.0679
rs2983212	G	-0.0616
rs9485540	G	-0.0632
rs12665592	A	0.1065
rs518954	C	0.0602
rs1989412	A	0.0394
rs62450873	G	-0.1301
rs58632953	C	-0.0469
rs2746181	G	-0.1011
rs2483759	A	0.043
rs9352968	C	-0.1678
rs143069752	A	-0.1022
rs77122081	A	-0.1925
rs116552783	A	0.1533
rs7771103	T	0.0584
rs117814233	A	0.2355
rs12527576	A	-0.04
rs138370706	C	0.0875
rs114710818	A	-0.38
rs9480446	G	-0.1313
rs51630	T	-0.0475

rs150803433	G	-0.2352
rs79070268	T	-0.1699
rs9487380	G	0.1344
rs73384391	A	0.1358
rs72859444	C	0.1532
rs11758653	A	-0.1868
rs10457125	C	0.0756
rs574975	T	-0.0427
rs145657950	G	-0.1912
rs12210698	A	0.0554
rs1246938	A	0.061
rs77104800	T	0.129
rs9363471	C	0.0577
rs75317166	G	-0.1696
rs80107372	A	-0.0558
rs4716067	T	0.0433
rs9379512	A	0.0479
rs76654289	G	0.107
rs73775136	A	-0.1019
rs477721	G	0.064
rs75293364	C	-0.0806
rs3908266	G	-0.0407
rs117420543	T	-0.1281
rs76331220	A	0.1263
rs73002630	T	-0.076
rs9295501	G	0.144
rs9481407	T	-0.0434
rs9384112	T	-0.0598
rs1983573	G	-0.0849
rs4441933	C	0.1165
rs117587443	A	0.222
rs78919651	T	-0.0621
rs6459154	T	-0.0525
rs35576598	G	-0.0384
rs55710288	C	0.1473
rs6458752	A	-0.0605
rs2748164	A	0.0379
rs143000332	C	0.2282
rs12202108	C	0.0696
rs3818698	A	-0.061
rs113268711	G	0.0644
rs79810500	A	0.1299
rs7739567	A	0.0443
rs74826818	A	-0.2417
rs4897046	A	-0.0431
rs62422916	G	-0.0591
rs35858726	A	0.2249

rs17077439	A	0.0967
rs72827146	G	0.12
rs4716406	G	-0.0487
rs13220718	G	0.0504
rs148595008	A	0.1957
rs34233897	A	-0.1185
rs75245335	A	0.0617
rs115388828	A	0.1006
rs4712742	T	-0.0665
rs2457982	A	-0.0466
rs417399	A	-0.0386
rs142351259	C	0.2704
rs72941879	C	-0.066
rs160692	T	-0.039
rs293517	T	-0.0433
rs469228	G	0.0495
rs6455069	C	-0.0572
rs11755841	T	-0.0811
rs141652866	C	-0.155
rs74397656	T	0.1612
rs803397	G	0.05
rs7770494	T	-0.0452
rs12178565	T	-0.0458
rs12207529	G	0.0625
rs13204927	A	0.046
rs143891369	T	0.1663
rs150765547	A	-0.0693
rs2518158	A	0.0393
rs1412926	T	0.0398
rs311353	T	-0.0631
rs28692567	A	0.1416
rs9320931	T	0.0425
rs2328186	T	0.0399
rs140931929	A	0.0951
rs1084657	A	-0.0624
rs1767800	C	0.062
rs17794973	C	0.0932
rs148493042	C	0.1991
rs118041099	G	0.1784
rs77009508	G	-0.0806
rs1078911	A	-0.0447
rs2063192	G	0.0986
rs2295936	T	-0.041
rs78575930	C	0.2775
rs111681245	A	0.204
rs62418797	C	0.1614
rs7755002	G	0.0642

rs146211076	C	-0.2935
rs4141800	G	0.049
rs4714059	T	-0.0967
rs9369273	G	-0.0438
rs145656368	A	-0.2326
rs74990652	T	0.2401
rs9455873	T	0.0868
rs9322337	A	0.1384
rs118052586	C	0.1615
rs78978017	C	0.1293
rs141962852	A	-0.2304
rs143335515	A	0.1538
rs78684009	C	0.1446
rs146769836	T	0.2768
rs16881097	T	0.1019
rs117411268	T	-0.2142
rs6935568	T	-0.092
rs73564723	T	0.197
rs146873863	T	-0.1999
rs12202286	T	0.0551
rs17057233	C	0.0759
rs12199291	C	0.0501
rs1923070	G	-0.0448
rs9393378	G	0.2506
rs6932206	T	0.2119
rs10946724	T	-0.0441
rs6456223	A	0.0476
rs1288155	T	0.0406
rs71562801	A	0.1926
rs1040045	G	-0.0452
rs114946987	A	-0.0616
rs147504709	A	-0.3565
rs72840508	T	0.1082
rs3008832	T	-0.0399
rs116005088	T	0.2566
rs6928713	G	0.0384
rs11962103	A	-0.0397
rs112278033	C	0.2101
rs1767978	T	0.0583
rs2876044	A	-0.0552
rs2395729	C	-0.039
rs17069158	A	0.0565
rs12190566	A	-0.2978
rs77564689	T	-0.2051
rs28381451	A	0.1991
rs55793253	C	-0.0656
rs73019178	T	0.107

rs200205	C	0.04
rs79597525	C	0.2269
rs2328400	G	0.0907
rs111426351	G	-0.1232
rs62438386	C	-0.2979
rs62442281	G	-0.0742
rs9365323	C	0.0387
rs113167840	G	-0.1589
rs9260258	C	-0.0966
rs9494385	G	0.2169
rs2157494	T	0.0452
rs72831581	C	0.1005
rs9374121	T	-0.0395
rs12215355	C	0.091
rs77596503	G	0.1759
rs4357093	T	0.042
rs75260799	A	0.2124
rs2791523	G	0.1601
rs4507631	C	-0.0725
rs17068109	G	-0.0987
rs143258807	T	-0.2162
rs75503975	A	-0.098
rs6908907	A	-0.1306
rs201328	G	-0.0501
rs79797646	T	-0.1317
rs11757415	G	-0.0422
rs4710361	G	-0.0492
rs79820675	C	0.0898
rs17834507	C	0.05
rs2579989	T	-0.0607
rs12662510	G	0.0519
rs77768478	C	0.1431
rs803472	T	0.0418
rs1716009	T	0.139
rs6909060	T	0.0399
rs141534112	C	0.1918
rs1536812	C	0.1238
rs117935574	T	0.1483
rs13199464	G	-0.0397
rs114749299	A	0.1683
rs9460928	A	0.1436
rs7738646	A	-0.0457
rs116867937	A	0.1037
rs1890135	T	0.0423
rs2439558	C	-0.0394
rs1906953	T	-0.0575
rs4706855	G	-0.0375

rs6456181	C	-0.0671
rs80342388	A	0.2124
rs9362176	T	0.0703
rs111240003	G	0.2619
rs1737311	G	0.0647
rs111836898	T	0.1393
rs78354798	A	0.1311
rs78543929	A	-0.1371
rs72899326	A	0.2649
rs17058035	G	0.1697
rs10305423	T	-0.2776
rs76580439	C	-0.2866
rs72861555	C	-0.0632
rs114379841	G	0.1995
rs7748582	C	-0.064
rs9353802	G	-0.0441
rs10945911	T	0.127
rs17657328	C	0.0407
rs4714570	A	0.0435
rs3734229	C	0.0415
rs145169613	G	0.2496
rs2817937	C	0.0665
rs115236493	G	0.2413
rs212389	G	-0.0388
rs36061016	T	0.0646
rs2234185	C	0.0384
rs117149702	C	0.1496
rs78972962	A	-0.1168
rs79455299	G	0.2716
rs4947143	C	-0.0386
rs1281980	T	-0.0391
rs742106	A	-0.0398
rs12206701	A	0.0538
rs9469806	A	0.0728
rs9333535	A	-0.086
rs141237621	T	-0.2306
rs1554447	C	0.058
rs75313035	T	-0.1322
rs138062643	A	-0.277
rs2070698	T	0.0447
rs34880503	G	-0.0897
rs484164	C	-0.049
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rs77000205	T	0.0607
rs1265248	T	0.0606
rs71562485	A	0.093
rs3822904	T	-0.0391

rs9458674	A	-0.1521
rs79421475	T	0.1009
rs34461859	G	-0.0777
rs150494905	C	-0.1786
rs142608073	T	-0.1101
rs73733094	T	0.0866
rs953150	A	0.1004
rs406019	T	-0.1879
rs7754423	A	-0.0698
rs4960329	T	0.0746
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rs4960095	G	-0.1388
rs6933549	C	-0.0742
rs118151342	G	-0.294
rs3763328	A	-0.0832
rs62401909	G	-0.1507
rs74929281	A	-0.2864
rs6905063	T	0.0384
rs79882951	G	-0.157
rs11965075	A	-0.0561
rs141102160	T	-0.4892
rs115310674	T	0.1185
rs76936659	G	-0.1201
rs4960257	C	-0.0388
rs140333591	G	0.2104
rs114024257	C	-0.2585
rs73386086	G	0.0802
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rs145307277	G	-0.246
rs9360041	T	0.1047
rs79082344	G	-0.0491
rs1741821	C	-0.0692
rs111707472	A	-0.1047
rs6938859	C	-0.2541
rs6911335	T	-0.0367
rs11754148	C	0.1149
rs74893147	T	0.1813
rs114662567	T	-0.1709
rs12200373	T	0.0888
rs17070980	A	0.2213
rs140953685	G	-0.0724
rs12664620	G	-0.0453
rs67873921	C	0.0785
rs4706070	A	0.0567
rs114123076	A	0.2016
rs146091785	T	-0.1196
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rs12202887	A	0.1633
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rs75185058	T	0.2367
rs2275395	G	-0.2152
rs3889452	A	0.1416
rs6915194	G	0.0658
rs142921362	G	-0.2395
rs76942797	G	-0.1639
rs75040593	T	0.0585
rs116398174	A	-0.2311
rs752292	A	0.1462
rs34184819	G	0.0752
rs76958978	T	-0.2205
rs118135398	T	-0.1759
rs142040013	G	0.1366
rs707998	A	-0.0434
rs112949734	C	0.1654
rs116481153	A	0.1856
rs9448887	C	0.0376
rs78781306	G	0.2638
rs116018552	C	-0.1894
rs79242376	A	-0.0711
rs7751107	G	0.0493
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rs71541061	A	0.1644
rs76325977	T	0.0943
rs11755522	G	0.1347
rs16868943	A	0.1084
rs6932353	C	0.0436
rs1977200	G	-0.0455
rs9346117	A	-0.1109
rs75712926	G	-0.2115
rs6938677	T	0.0422
rs1555430	A	0.0384
rs116293333	A	0.1867
rs144273252	C	0.1815
rs56193101	A	-0.119
rs56977771	T	0.1667
rs144398793	T	-0.2744
rs9345067	T	-0.0379
rs45480197	A	0.142
rs2782892	C	0.04
rs6913044	C	0.0867
rs114582382	T	0.2062
rs116917138	T	0.1772
rs141649110	T	0.1821
rs7739471	C	-0.0827

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rs62433397	G	-0.0567
rs13211482	A	0.1181
rs351345	G	-0.1329
rs74658388	G	0.1783
rs148905934	T	0.0631
rs520478	G	0.0396
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rs6924566	T	-0.0832
rs12209691	T	0.0388
rs142735258	T	0.2215
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rs4706786	C	0.0833
rs9386051	C	-0.0414
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rs78242163	G	0.2005
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rs113067550	A	0.0725
rs807889	T	-0.0435
rs813691	T	0.1116
rs12207297	T	0.0707
rs4960405	T	0.051
rs72912957	A	-0.0659
rs75163278	T	0.1125
rs41271338	C	0.1527
rs17757727	T	0.183
rs2477307	A	0.0915
rs9477243	T	-0.1489
rs4272232	T	0.0381
rs75820852	G	0.1469
rs76445456	G	0.1489
rs12525372	G	0.0586
rs142120112	C	-0.2089
rs150906773	T	-0.183
rs17707973	A	0.0879
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rs72825588	C	0.0857
rs6902826	C	-0.0656
rs10457154	G	-0.0989
rs1340994	A	-0.0794

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rs17748851	A	0.0801
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rs72920226	G	0.1068
rs2066508	A	0.1107
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rs12204356	C	-0.2769
rs17080925	T	0.1227
rs62440563	T	-0.0934
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rs2164166	G	0.037
rs9379507	T	-0.0434
rs2327033	T	0.0392
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rs74593053	G	0.1952
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rs316364	T	-0.046
rs116978703	A	-0.1825
rs1206080	T	-0.0369
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rs147889124	A	-0.1445
rs146369928	C	-0.1222
rs139289963	A	0.1725
rs147768504	A	0.104
rs9361108	T	-0.0374
rs9475436	T	0.045
rs12203102	G	-0.0556
rs116982671	A	-0.1518
rs117078259	T	-0.0736
rs7769139	T	-0.071
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rs171054	T	0.137
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rs7768117	G	-0.038
rs76139830	G	0.0821
rs7749683	T	-0.0707
rs117538470	T	0.2182
rs2071941	A	-0.0582
rs12529268	G	0.0593
rs1128998	T	-0.0744
rs17262993	T	-0.0396
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rs11752942	A	0.0373
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rs9385808	T	-0.0559
rs684147	T	-0.1691
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rs351734	A	-0.0376
rs45529339	T	0.089
rs7760183	G	0.0543
rs984789	T	-0.0538
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rs2004249	G	0.0972
rs17053047	G	-0.0883
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rs62430350	T	-0.179
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rs117506323	T	-0.1326
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rs645649	C	-0.0435
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rs10948275	C	-0.0737
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rs4242285	G	-0.0556
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rs56024008	C	0.1078
rs6911758	C	-0.0467
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rs17134305	G	0.117
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rs73410507	T	0.0952
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rs9460356	C	0.086
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rs62390996	A	-0.1473
rs2472768	A	-0.0428
rs17415785	A	0.1125
rs9404128	A	0.0366
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rs142076555	T	-0.2946
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rs4559123	T	0.0626
rs78875166	T	0.1102
rs13206164	C	-0.127

rs9364071	T	-0.0595
rs1740075	G	-0.0378
rs4252121	G	-0.1759
rs72931889	T	-0.236
rs139797530	T	-0.1906
rs74338849	T	-0.2327
rs9378620	T	-0.0688
rs75606533	A	-0.2032
rs17658313	A	-0.0749
rs2239797	G	0.0623
rs7751997	A	-0.077
rs10455566	G	-0.0687
rs141089310	G	0.2183
rs10733175	G	-0.0561
rs17067608	A	-0.0969
rs12662480	C	0.0371
rs955333	G	-0.0483
rs1572852	T	0.0408
rs115385902	T	0.286
rs117597689	C	0.2248
rs13218868	C	0.067
rs78641392	A	-0.0832
rs117619430	G	0.1698
rs808038	C	-0.0599
rs669995	G	0.0426
rs62402522	G	0.1528
rs113032355	T	-0.0756
rs140152686	A	0.1943
rs72965005	C	0.2138
rs144144440	T	0.2614
rs62419703	A	0.1161
rs117686420	T	0.1151
rs11968322	A	-0.0627
rs149702128	A	-0.0677
rs140965158	A	0.3304
rs12204686	T	0.196
rs1481320	A	-0.2416
rs112718606	G	0.0585
rs72952992	A	0.2104
rs6913708	C	-0.1368
rs113014817	G	0.1392
rs2326628	A	-0.0488
rs10455427	A	-0.0911
rs9328056	T	0.0759
rs114647513	A	-0.212
rs112467026	G	0.1399
rs34164466	T	0.0612

rs115006495	A	0.31
rs12212858	A	0.2224
rs909989	A	0.0517
rs62437804	C	0.1279
rs2064712	A	0.0478
rs1915463	G	0.052
rs2327811	G	0.1281
rs9457301	G	-0.2244
rs17684193	T	-0.1032
rs146395150	G	0.1483
rs12193163	G	-0.039
rs116017094	A	-0.1375
rs9366472	A	-0.0514
rs12663693	G	0.0596
rs9459301	C	0.0679
rs3008010	G	0.0516
rs9399010	C	0.039
rs12213665	G	0.1231
rs144190683	T	0.1391
rs116133298	G	-0.1125
rs5008921	T	-0.0363
rs7758171	A	-0.1169
rs6941421	C	0.036
rs79039980	C	-0.0553
rs72838015	T	-0.1542
rs113314131	G	0.2425
rs4945829	C	-0.0368
rs140999665	G	0.055
rs9361982	C	-0.048
rs11156392	C	0.0615
rs55960011	T	0.0836
rs214438	T	0.0411
rs7770298	T	0.0548
rs73015248	C	0.1055
rs2852541	A	-0.0385
rs61689184	T	0.1242
rs79294515	T	0.1651
rs6903775	T	0.109
rs9394876	T	0.0425
rs56289566	C	0.0982
rs4546499	T	-0.066
rs75119927	A	-0.0719
rs67798973	A	-0.0411
rs6929802	T	-0.0644
rs56410799	G	0.1213
rs78665196	A	-0.2018
rs115067343	G	-0.0744

rs6912965	T	-0.1592
rs4527731	G	0.0432
rs9493051	A	0.1353
rs145289628	T	-0.1044
rs115758726	G	-0.1472
rs13215784	C	-0.0588
rs113947152	A	0.129
rs1485649	A	0.0555
rs12190698	A	0.0403
rs78514512	G	0.1013
rs72968540	G	0.088
rs1776889	T	0.0468
rs1390735	G	-0.0363
rs12195244	T	0.0762
rs11757836	T	-0.0521
rs17539309	T	0.1189
rs803445	C	-0.0541
rs62400836	A	0.0505
rs9444597	C	0.0343
rs1407268	G	-0.2081
rs12214621	G	-0.0561
rs961846	C	0.0551
rs143304715	G	0.1885
rs2782295	C	-0.0374
rs150865823	T	-0.1668
rs9371956	T	-0.0392
rs12200571	G	-0.0949
rs35870788	T	0.0896
rs1008461	T	0.069
rs7768342	C	0.0394
rs9372240	A	0.036
rs2983526	G	-0.0361
rs1535706	C	0.0374
rs702347	T	0.0376
rs116067179	G	0.1378
rs1886881	T	-0.0373
rs6913075	C	0.0367
rs115616369	C	0.1402
rs7767470	T	-0.1036
rs12664512	C	-0.0809
rs17335798	G	-0.0607
rs391875	A	-0.036
rs150776057	A	-0.253
rs75335867	C	0.1598
rs148218954	A	-0.2501
rs59912723	A	-0.149
rs2988685	T	-0.0446

rs56144134	A	0.1749
rs114360649	G	-0.0626
rs118103136	A	0.1592
rs2817063	G	-0.0363
rs155489	C	0.0405
rs9386845	A	-0.0464
rs146618449	T	0.0798
rs9373081	G	0.0367
rs6905254	A	0.0362
rs9405139	C	-0.0467
rs114876878	T	-0.0733
rs148239948	A	-0.1362
rs41273315	T	0.1364
rs117164500	A	-0.2257
rs28648619	G	-0.0781
rs80100580	A	-0.1883
rs78219794	C	0.0921
rs73365018	C	0.2161
rs201048	A	0.0549
rs9942536	A	-0.0383
rs4476815	C	0.1566
rs114385359	A	0.1392
rs114658269	T	0.1046
rs555574	G	0.0426
rs13192816	G	0.2393
rs35881063	T	0.113
rs113768464	G	-0.1325
rs604711	A	-0.0342
rs269442	A	-0.0456
rs199104	C	0.0546
rs2503800	G	0.0403
rs115674093	G	0.139
rs663875	A	0.0958
rs141406059	T	0.1256
rs9294414	T	0.0963
rs79202544	G	0.145
rs111770758	G	0.1264
rs9347601	C	0.0637
rs276362	C	0.0391
rs2500206	T	-0.0352
rs2504684	C	0.1042
rs72940808	G	-0.0694
rs117725926	T	0.0971
rs783402	C	-0.036
rs12201710	A	0.0394
rs35596894	C	-0.119
rs4945778	A	-0.0364

rs4706480	T	0.044
rs13201174	C	-0.0805
rs10499129	G	0.0572
rs4716063	G	0.1051
rs1743942	A	0.0442
rs3886378	T	-0.04
rs9470949	G	0.0537
rs73032560	T	-0.218
rs78002156	A	0.1142
rs143068473	A	-0.0755
rs2251647	A	-0.0824
rs79480816	C	0.1633
rs143133270	C	0.2801
rs76427181	C	0.1616
rs11970753	C	0.1315
rs6557411	T	-0.042
rs79936851	C	-0.1044
rs61610312	T	0.1028
rs73371691	T	0.0915
rs17576708	C	0.0631
rs9492068	T	0.067
rs9471115	T	0.1758
rs3799647	G	0.0535
rs11153945	T	0.1181
rs78915936	C	0.0839
rs72840342	A	0.1237
rs7766286	G	-0.1028
rs62390734	A	-0.1522
rs75606736	A	0.1002
rs205993	T	-0.1217
rs72869199	G	0.1369
rs35168417	G	0.1031
rs117454044	G	0.2009
rs117661706	A	-0.1735
rs138440716	T	-0.2266
rs6935402	G	-0.0362
rs4960264	A	0.0372
rs12198996	C	0.157
rs682518	C	0.063
rs35373534	T	0.084
rs146874730	C	0.1984
rs116314998	G	-0.2577
rs7751635	A	0.0464
rs1790007	T	-0.0351
rs168623	T	-0.0999
rs77576518	G	0.1124
rs117377407	A	0.0966

rs78121609	C	-0.0717
rs17475060	A	0.0425
rs5010546	A	-0.1425
rs6919120	A	-0.0636
rs16885273	G	-0.0626
rs77401727	T	0.1796
rs137923925	T	0.0953
rs172004	T	-0.037
rs9473276	A	0.0569
rs114496068	A	0.2732
rs112737586	A	-0.1112
rs112328831	A	0.209
rs79648498	C	-0.1945
rs3818315	T	-0.0429
rs117083468	A	0.3087
rs10944275	A	0.0644
rs75287119	T	0.0433
rs147582037	G	0.1694
rs59962157	A	0.0975
rs115576830	T	0.0909
rs1482849	A	-0.0347
rs115163329	T	0.2053
rs1598170	T	0.0821
rs6904170	A	-0.066
rs16900053	C	0.0482
rs75349418	G	0.197
rs56326806	T	0.1414
rs2504263	G	0.0353
rs1575241	A	0.0443
rs9504343	A	-0.2299
rs114828244	A	0.1137
rs17437627	G	-0.0435
rs9480834	A	0.0596
rs78041671	G	-0.2248
rs56224003	T	-0.1297
rs9353969	G	0.2022
rs6932055	C	0.0406
rs9395134	A	-0.0375
rs9349119	T	0.0931
rs1856384	G	0.0572
rs78573870	G	-0.1076
rs147540303	A	0.0828
rs1543602	G	0.0361
rs112457737	G	-0.1147
rs74468395	T	0.1138
rs80143203	G	-0.0472
rs111462355	T	0.1606

rs149753028	C	0.1311
rs9386011	G	0.0364
rs9392913	G	0.0587
rs430216	G	-0.0746
rs141084670	T	-0.056
rs1743257	C	-0.0518
rs9389870	C	0.0553
rs116941248	T	0.1074
rs7746088	C	-0.288
rs114795214	T	-0.1278
rs56187477	C	0.0677
rs62405878	T	-0.1141
rs9357035	A	-0.0475
rs62420840	G	0.154
rs4945869	A	-0.0438
rs116247546	A	0.0832
rs749005	T	-0.0496
rs4712591	G	0.0411
rs73782956	T	0.171
rs6924353	T	0.0705
rs16872377	G	-0.0736
rs17240294	A	0.0394
rs6925920	A	0.0365
rs62385053	C	0.1008
rs3806134	G	-0.0459
rs13212016	T	0.043
rs1150561	A	0.1035
rs9355623	A	-0.1754
rs9397335	T	-0.0391
rs62417497	A	0.1472
rs2766592	A	0.0805
rs2766536	T	0.0372
rs17689694	A	0.0656
rs117478813	T	0.1458
rs6908427	A	0.1861
rs9363322	G	0.1717
rs35056042	A	0.0886
rs12208265	A	0.2039
rs9398385	T	-0.0536
rs9347128	G	0.0391
rs9461119	C	-0.0358
rs1014742	G	-0.0734
rs118160616	C	0.092
rs111970372	G	0.0384
rs7755135	T	0.0625
rs7755784	A	-0.2867
rs12191992	T	-0.1432

rs7772042	G	0.0442
rs75395780	T	0.0782
rs149466133	A	-0.1924
rs565744	C	0.0479
rs9381680	C	-0.051
rs138708491	T	0.2112
rs73594711	A	-0.2072
rs72904869	T	0.1343
rs3734232	T	-0.1251
rs143328469	C	-0.195
rs117687499	A	0.0655
rs243791	T	-0.1757
rs12215536	A	0.1891
rs2066015	T	-0.0456
rs10455771	G	-0.0522
rs75269299	G	0.1792
rs368429	T	-0.0374
rs117723264	T	0.2079
rs6916315	C	-0.0405
rs55995839	A	0.084
rs117533947	T	-0.2055
rs56061453	A	0.1815
rs4145450	T	-0.0598
rs1267914	T	0.0496
rs149683325	T	-0.1145
rs2051651	G	0.1114
rs10457078	G	0.0532
rs3799133	G	-0.0495
rs4240565	C	-0.073
rs115202932	C	-0.2604
rs9395511	G	-0.0488
rs1221559	C	0.0758
rs138802603	A	-0.1396
rs35574055	A	0.0618
rs58904784	T	-0.0451
rs36027979	T	-0.046
rs34881184	A	0.2102
rs7772274	C	0.0787
rs17461178	G	-0.0429
rs113185994	A	-0.1759
rs12209170	A	0.0411
rs73001053	T	-0.1374
rs9399614	G	0.0914
rs10457867	T	-0.0523
rs62423394	A	0.1294
rs76567979	C	0.1687
rs139438544	C	-0.1467

rs16880007	C	-0.0658
rs1883622	T	-0.1551
rs61748576	A	-0.1829
rs117936887	T	0.25
rs6917331	A	-0.0395
rs6907965	T	-0.0351
rs9482328	A	-0.0627
rs6919702	T	0.034
rs115873244	G	0.1299
rs139836409	T	-0.13
rs73011149	T	-0.0998
rs72878679	A	0.1842
rs4285325	C	-0.0685
rs605671	A	-0.0368
rs76945248	C	0.1338
rs114945415	C	0.0434
rs148770520	A	-0.2094
rs75670275	G	0.1065
rs141166343	A	-0.0704
rs34630065	C	-0.0958
rs77506063	C	0.1635
rs11759347	A	0.0439
rs112707938	G	-0.1195
rs111851929	T	-0.1083
rs6936713	A	0.0532
rs16893659	T	0.0856
rs114492203	A	0.1671
rs9448057	C	0.0739
rs6914511	C	0.0801
rs112347493	A	-0.1322
rs78404212	C	-0.1018
rs9402934	T	-0.0669
rs35111339	C	-0.1508
rs6903763	A	0.1008
rs12197301	T	-0.1433
rs2477828	G	0.0361
rs13199179	A	-0.1514
rs145666563	C	0.2398
rs112298416	A	0.2099
rs742387	A	0.0397
rs140441726	T	-0.243
rs115692085	G	0.1126
rs78066321	T	-0.311
rs114555140	G	-0.2395
rs78175903	T	-0.0635
rs114864671	T	0.2381
rs1626313	A	-0.1086

rs149805399	C	-0.1314
rs7741137	G	-0.0612
rs62427366	T	0.0896
rs9389685	C	-0.045
rs12191722	C	0.0356
rs62397685	G	-0.1047
rs6935830	G	-0.0451
rs113882894	A	0.165
rs75108267	T	-0.2118
rs10455823	G	0.1089
rs116085911	A	-0.1421
rs3823191	T	-0.0341
rs76261413	G	0.1049
rs10947720	T	0.0446
rs73034986	C	0.1256
rs114033125	T	-0.1619
rs4320349	T	-0.2147
rs587503	G	-0.0333
rs13215427	C	0.0762
rs11751096	A	-0.1873
rs79541230	T	0.1635
rs9355181	A	0.0378
rs114918679	G	-0.1981
rs6911143	T	-0.0423
rs12527545	C	0.0525
rs2342452	C	-0.0374
rs113154956	C	-0.0842
rs111456861	T	0.1038
rs75159068	T	0.0709
rs9482816	A	0.0511
rs76399283	C	-0.2177
rs55897192	A	0.2565
rs632914	T	0.0472
rs72914281	T	0.0977
rs117983576	C	-0.1988
rs7758061	T	0.0518
rs111987196	G	0.057
rs117641964	C	0.1376
rs113416075	A	-0.0969
rs6907771	A	0.0413
rs112571096	A	0.2157
rs34729252	G	-0.174
rs113094556	T	0.1148
rs118145001	T	0.1285
rs80044034	A	0.1188
rs4639331	C	-0.0352
rs12197169	A	-0.0462

rs76003618	T	-0.124
rs113190554	C	0.1565
rs210194	G	-0.0575
rs151106325	T	-0.1686
rs146985296	C	-0.1484
rs77980283	T	-0.0463
rs12209723	T	-0.0335
rs879294	T	-0.036
rs34801493	A	0.0333
rs79695080	C	-0.05
rs4897530	T	-0.1792
rs116401625	T	-0.1509
rs72917312	C	0.0864
rs34006391	T	0.0761
rs74339302	T	0.0927
rs59388348	A	0.1284
rs11757967	T	-0.0384
rs16884650	G	-0.0916
rs71557616	T	-0.1029
rs17060730	C	0.0595
rs9399918	G	-0.0333
rs117743397	C	0.1969
rs13437177	C	0.0392
rs9376578	C	0.1045
rs73761404	A	-0.2368
rs139743733	A	0.2359
rs11970353	G	0.1544
rs11155900	G	0.0478
rs115610513	C	0.1029
rs284512	C	-0.0509
rs2131283	A	0.0552
rs74511933	T	-0.0621
rs9387723	C	0.1444
rs77954609	C	-0.1511
rs199122	A	-0.037
rs17501289	T	0.1467
rs35257815	T	-0.2846
rs12197292	G	0.0597
rs144697020	T	-0.0932
rs4510658	A	0.0332
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rs9474391	A	0.1033
rs56733566	T	-0.0547
rs9398738	G	-0.0444
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rs117517408	G	0.1122
rs115353372	T	0.1369

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rs140241921	C	-0.1636
rs13362595	C	-0.0348
rs6933555	A	-0.2075
rs117658912	C	0.1305
rs9457725	T	-0.0409
rs17257970	T	-0.0529
rs112412669	T	-0.0734
rs79433163	G	0.232
rs9476952	T	0.0403
rs932408	T	-0.0423
rs3749875	A	-0.0758
rs12665528	G	-0.0383
rs146810919	T	0.0799
rs111999460	C	-0.1461
rs36053978	G	0.1342
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rs1578256	A	0.0391
rs68173156	G	-0.1986
rs113943906	T	-0.2308
rs116842238	C	0.1045
rs72950777	T	0.0965
rs80087591	T	0.2385
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rs118133178	G	0.1244
rs2491209	A	-0.0568
rs615114	T	0.0415
rs6934209	T	-0.0382
rs7747302	A	0.0357
rs117214975	G	0.129
rs2746183	A	0.0483
rs143248626	T	0.2297
rs141695234	A	0.1148
rs2503801	C	-0.0427
rs115926099	A	0.191
rs138268427	A	-0.1459
rs117637827	C	0.1223
rs76712002	T	0.115
rs9484119	A	0.2237
rs13214476	A	-0.0918
rs75938857	T	0.1487
rs56100698	A	0.2045
rs6904230	C	0.0329

rs74419207	C	0.1374
rs76186075	A	0.1231
rs9355548	G	-0.0343
rs717894	A	0.0701
rs45472393	A	-0.1565
rs62421103	T	0.095
rs1510	G	-0.0675
rs80063165	G	0.1488
rs2282842	G	0.1239
rs34886803	G	0.0868
rs4707805	C	0.186
rs62395240	C	-0.18
rs144449152	A	-0.1619
rs112590021	G	-0.0508
rs77855090	C	-0.1387
rs79528360	T	0.0696
rs170641	A	0.0364
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rs74322151	C	-0.1693
rs4263608	A	-0.0429
rs76786648	G	-0.243
rs72933309	T	-0.1909
rs2760118	T	0.0351
rs59927454	A	-0.1497
rs77783105	G	-0.1369
rs55654584	A	0.0649
rs4467806	G	0.0928
rs76249494	G	0.2647
rs12190738	G	-0.0522
rs9385565	C	-0.0438
rs41317791	A	0.0608
rs77175832	A	0.2327
rs7747978	A	0.2411
rs7451673	G	-0.0362
rs2773326	A	0.134
rs66853520	A	-0.0982
rs78249647	G	-0.0849
rs9342722	T	-0.0422
rs17626544	T	0.0658
rs72853237	A	-0.0733
rs72919764	G	0.1347
rs76311095	T	-0.281
rs76827408	G	0.1065
rs114461005	A	-0.1692

rs2813499	A	-0.0601
rs180500	G	-0.0743
rs76651954	T	0.1975
rs34583085	G	-0.0573
rs1466339	G	-0.0324
rs116230079	A	-0.21
rs117225565	C	0.2172
rs11753948	T	-0.0532
rs148789733	A	-0.2308
rs145789369	G	0.2056
rs13191030	C	0.0348
rs6936895	C	0.0692
rs117220126	C	0.0917
rs9487935	G	-0.0412
rs72934889	C	0.2129
rs8085	G	-0.0341
rs141250001	A	0.2238
rs35818202	G	-0.1073
rs4711793	C	-0.0404
rs4590314	A	0.0358
rs77512605	G	0.0911
rs9456738	C	0.0383
rs72998105	C	0.1705
rs4452682	A	0.0367
rs116452521	T	0.2542
rs75312323	G	0.1606
rs9405192	A	0.0509
rs141762451	A	0.1448
rs4464843	T	0.0526
rs9345472	A	0.0501
rs141845997	T	0.1669
rs62408293	A	0.0769
rs749621	C	-0.0649
rs76441702	C	-0.0924
rs473306	G	-0.0485
rs2315065	A	-0.1055
rs724651	C	-0.0448
rs11155276	A	0.182
rs74605779	T	0.171
rs80110343	G	0.1235
rs1590320	C	0.0339
rs9364968	G	-0.0392
rs1997823	T	-0.0587
rs3846813	A	-0.0576
rs9488716	G	-0.0491
rs62440945	G	0.0932
rs2328525	G	-0.0357

rs1413189	A	-0.0469
rs6457201	T	0.0404
rs114626053	A	0.1332
rs17794361	C	-0.0703
rs77137580	T	-0.057
rs80096605	A	0.0948
rs7750601	T	-0.0621
rs9394971	G	0.0547
rs2326833	C	-0.051
rs17835844	T	-0.1357
rs141768500	A	-0.0656
rs67993875	G	0.0504
rs116925409	G	-0.2043
rs62434795	T	-0.1958
rs6942373	G	-0.0584
rs73004494	G	0.1001
rs73015544	G	0.0552
rs78939746	T	-0.1843
rs9461175	C	-0.0755
rs7765391	A	0.0734
rs28381350	A	-0.128
rs9394532	T	0.0824
rs3811087	A	-0.0611
rs72831298	T	0.0889
rs16890441	T	-0.0508
rs9387542	C	0.0391
rs36035061	A	-0.0795
rs631036	A	0.0341
rs9392880	C	0.037
rs7754577	C	-0.0491
rs923083	C	0.1126
rs76418926	G	0.0551
rs140483144	A	0.2561
rs113388209	G	0.1284
rs6453711	T	0.1625
rs138270309	A	-0.0712
rs9501762	G	0.0441
rs9480598	G	-0.0616
rs77232428	G	-0.173
rs76623159	A	0.1581
rs1776817	A	0.0534
rs12204655	T	-0.1054
rs6921353	G	0.037
rs2025997	T	0.0341
rs75433417	T	0.1565
rs72946548	C	0.1215
rs140792999	G	-0.1609

rs9342120	A	-0.046
rs117035366	G	0.2186
rs6934874	T	-0.0328
rs4709271	A	0.1069
rs9364795	A	-0.0318
rs73731228	C	0.0538
rs79469331	G	0.1111
rs58806922	T	0.0861
rs117576911	A	-0.1766
rs4305746	G	-0.0325
rs34051481	A	0.2105
rs76734947	A	-0.1236
rs6940612	A	-0.0464
rs9402974	T	-0.074
rs9494034	G	0.0806
rs7763154	A	0.2695
rs9354219	G	0.0344
rs78503386	C	-0.1747
rs117921490	A	0.2467
rs11967579	A	-0.0443
rs7746273	G	0.0359
rs117744418	C	-0.1573
rs7754795	G	-0.0394
rs2811694	T	0.0469
rs76713488	C	-0.1729
rs77735344	T	0.0653
rs139407918	A	0.106
rs78450878	T	-0.0826
rs2802679	G	0.0354
rs6597123	T	0.0319
rs113511619	T	0.12
rs12215908	A	-0.2087
rs3127216	A	0.0418
rs75485413	T	0.097
rs11757007	A	0.0573
rs6910860	G	0.1162
rs9478776	C	-0.0535
rs116910573	A	0.1601
rs147845031	C	-0.0743
rs76112426	G	-0.0335
rs115391698	A	0.135
rs76159329	T	-0.2047
rs9470238	T	0.0353
rs9401064	A	-0.0475
rs6928404	T	0.0327
rs117794442	A	-0.1961
rs6915474	A	0.0804

rs1539276	T	0.0429
rs117604452	T	-0.0635
rs714112	C	0.0386
rs139126414	C	0.1599
rs2788234	G	0.0529
rs113239947	T	0.0414
rs9320279	T	0.0349
rs78459872	G	-0.1166
rs11756274	A	0.2713
rs117584400	A	0.0794
rs72995698	C	0.2035
rs9295388	T	-0.0445
rs150584519	A	-0.121
rs6916258	C	-0.0331
rs9378670	C	-0.0362
rs4434461	C	0.1054
rs142185350	G	0.091
rs56128680	G	-0.1602
rs117734952	A	-0.3478
rs62402517	A	0.0344
rs117651013	T	0.0642
rs9376030	A	-0.0318
rs2064401	A	-0.0327
rs11962627	G	0.0389
rs143259920	T	0.1073
rs116929434	G	-0.1266
rs78513750	T	0.1221
rs17620182	G	0.1164
rs17722373	T	-0.0475
rs141418269	A	0.1341
rs117958716	A	0.1315
rs149923323	C	-0.1557
rs2273215	A	0.0367
rs11961635	C	-0.0681
rs75726660	A	0.0386
rs77233846	C	0.1593
rs7743663	T	0.0625
rs352081	T	-0.0482
rs12198467	T	-0.1632
rs576871	A	-0.091
rs521715	A	-0.0738
rs59236185	C	0.0421
rs17070471	T	0.0939
rs9466288	T	0.1306
rs2206722	C	0.0621
rs78409080	T	0.0877
rs12206227	G	-0.0512

rs72938252	C	0.0838
rs4960266	C	-0.0912
rs10499305	C	-0.0552
rs115453475	T	-0.1045
rs13220420	G	0.0651
rs2325174	T	0.1123
rs9264544	G	0.0443
rs2396086	T	0.0564
rs11962165	A	0.0935
rs114905808	G	-0.1904
rs2095374	G	0.0366
rs11757620	G	0.1383
rs72917686	A	0.1213
rs4148876	A	-0.0678
rs2145745	G	0.0447
rs117426892	G	0.1964
rs9369277	T	0.0384
rs73490290	G	0.077
rs3923049	C	0.035
rs3800128	C	0.0347
rs9448019	A	-0.1394
rs149596964	A	-0.2308
rs56305244	C	-0.047
rs12197804	C	-0.0336
rs1011119	G	-0.033
rs117389517	C	-0.1934
rs34588518	C	0.1857
rs6928621	T	0.0895
rs1856918	A	0.0481
rs118061217	A	0.1139
rs72888151	T	-0.0773
rs13211253	G	0.0452
rs71565765	A	0.0926
rs112111114	C	0.195
rs9461247	C	0.1201
rs74370723	A	0.1191
rs112013442	A	0.0909
rs1799945	G	-0.045
rs16899265	C	0.0348
rs73040892	G	-0.057
rs203141	A	0.0367
rs2448296	T	0.0532
rs78457404	A	-0.0755
rs17616429	G	0.125
rs9478138	G	-0.1068
rs35050538	T	0.0828
rs114857861	G	0.069

rs1205869	A	0.0659
rs4478392	T	-0.0852
rs149744120	C	-0.2193
rs11756982	C	0.0576
rs77303095	T	-0.1402
rs17761570	C	0.0489
rs4541755	G	0.0352
rs17227387	C	0.1569
rs148773253	T	0.145
rs16894387	C	-0.0441
rs117799403	T	0.2377
rs7765779	C	0.0709
rs111548503	A	0.2603
rs7767721	A	0.0483
rs116053767	T	-0.2464
rs75237141	G	0.0792
rs1927586	C	0.1192
rs80157224	G	-0.1252
rs76716155	T	0.1213
rs829929	C	-0.0402
rs118156968	T	0.0783
rs117491743	C	-0.195
rs2148252	A	-0.0329
rs1080629	A	-0.0314
rs2811653	C	-0.1658
rs118151284	C	-0.1288
rs12195386	A	0.1391
rs9354126	C	0.1381
rs144660674	C	0.1968
rs9400381	A	-0.0413
rs11757051	G	-0.0744
rs2804910	A	0.0357
rs112725396	T	0.0933
rs143578170	T	-0.0591
rs9381175	T	-0.0436
rs851849	T	0.0341
rs1188899	T	-0.034
rs3019424	C	0.1049
rs205953	A	0.173
rs1489817	C	-0.0401
rs113639243	T	-0.0558
rs9360234	A	0.0392
rs62421069	G	-0.149
rs12198900	A	-0.0317
rs9356737	T	-0.0365
rs116706159	T	0.2351
rs79308973	G	-0.076

rs9477212	T	0.078
rs7744826	T	-0.0467
rs77754045	C	-0.1285
rs13197887	T	0.057
rs7763005	G	0.0796
rs77907459	T	-0.0817
rs113125518	T	-0.09
rs684770	C	0.1114
rs4713445	T	0.0606
rs12664322	C	0.0353
rs1338262	A	0.1506
rs1488	G	-0.0324
rs2796050	G	0.0799
rs112481501	C	-0.1264
rs145055895	A	0.1299
rs12195946	A	-0.035
rs9471624	C	-0.0387
rs75356952	A	0.141
rs117080755	T	0.1472
rs2493164	T	0.0404
rs7754265	C	0.0921
rs10946753	T	0.0581
rs1204295	C	0.0444
rs9375638	C	0.036
rs73412635	A	-0.078
rs115942143	A	-0.1031
rs62417709	G	0.1495
rs17073244	A	0.1062
rs10434830	A	-0.0315
rs113024811	G	-0.1051
rs1406946	T	-0.0354
rs116842250	T	0.1286
rs1762718	A	0.068
rs9358645	C	-0.0436
rs4617023	A	-0.0581
rs9402503	A	0.0551
rs4142803	T	0.0373
rs9371317	T	-0.0727
rs12213388	C	-0.0448
rs9456663	C	-0.0364
rs7746774	G	-0.055
rs147385696	G	0.1084
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rs144538633	A	-0.1459
rs74919629	C	0.1082
rs62428860	T	0.1129
rs9368306	T	0.0337

rs147247331	A	-0.2442
rs75592645	T	0.1885
rs9396083	A	-0.0314
rs78320870	A	-0.1036
rs3800130	A	0.0335
rs10456786	C	0.1431
rs56167530	T	0.0436
rs9352575	G	0.0389
rs10946459	T	-0.0361
rs76544741	T	-0.0849
rs117589464	C	0.0756
rs11753056	A	-0.1337
rs6931795	G	0.1373
rs13207194	T	0.0813
rs4707550	A	0.0324
rs626653	C	-0.0986
rs7754424	A	0.0809
rs75796246	A	0.1317
rs114789305	T	0.2792
rs139328289	A	0.1108
rs1889216	A	0.0381
rs142912475	C	0.2801
rs143679520	A	0.1012
rs73772465	C	0.1228
rs148830519	G	-0.1603
rs16881797	G	0.1975
rs1490356	G	0.0713
rs12190413	G	-0.2184
rs9393764	A	0.0359
rs6900235	T	-0.0322
rs138282826	C	-0.2495
rs4960139	C	0.035
rs72943363	C	0.1263
rs145510071	A	0.1298
rs56132110	A	-0.0759
rs6907696	G	-0.1713
rs12208248	T	-0.0369
rs9450026	G	-0.0633
rs6913341	A	0.0349
rs2294326	G	0.0613
rs9358089	G	-0.0844
rs114558159	A	-0.0842
rs9352376	C	-0.0338
rs222557	G	-0.0639
rs56387606	A	0.1185
rs2842889	C	0.0432
rs62385448	G	-0.0444

rs2842647	A	-0.0435
rs115032392	T	0.2401
rs77705726	C	-0.2222
rs4367362	T	-0.0332
rs7739450	A	0.0341
rs147899431	C	-0.0958
rs72815688	T	-0.1441
rs2812710	T	0.0339
rs12215949	G	0.0447
rs12214828	T	0.0638
rs62408234	T	0.0469
rs117464851	T	0.1583
rs35484089	C	-0.1792
rs117367315	C	-0.1436
rs149742504	A	-0.1825
rs17421895	T	0.1349
rs12200581	T	-0.059
rs117734719	G	0.1375
rs73720836	A	0.0983
rs9350482	A	0.1429
rs1887843	C	0.0318
rs806551	G	0.0348
rs12197628	A	-0.0732
rs1880271	C	-0.0779
rs659755	T	0.0369
rs608702	T	-0.0332
rs1883327	G	-0.0339
rs12110340	T	0.0356
rs2028037	T	0.0334
rs113333629	T	0.1567
rs71574625	C	-0.0389
rs117181379	G	-0.1328
rs4709798	C	-0.0419
rs2057066	C	-0.0372
rs62411559	C	0.1309
rs608914	G	0.0352
rs114283564	A	0.0806
rs4463222	C	-0.0328
rs3777464	G	-0.0541
rs111276177	A	-0.0679
rs2224993	T	-0.0924
rs9473663	C	-0.0336
rs78732890	G	0.3384
rs362848	G	0.0509
rs6570852	T	0.0433
rs56089850	T	0.1021
rs76976933	T	-0.1623

rs4839813	T	-0.0568
rs141915994	T	-0.2331
rs7741122	T	0.0334
rs12196710	T	0.0724
rs9397978	A	-0.0322
rs1711957	T	0.0439
rs3799623	A	-0.0322
rs45483501	G	0.0587
rs9466460	A	0.0433
rs79979660	C	0.1464
rs9369261	G	0.0334
rs146438288	C	0.1982
rs2876600	G	-0.0363
rs11753929	C	0.1128
rs145285508	G	-0.2035
rs2797681	C	-0.0524
rs6905095	A	-0.0318
rs79601106	T	0.0738
rs2477836	C	0.0379
rs833052	A	-0.0502
rs1032143	G	0.033
rs114103176	T	0.0757
rs78865887	C	0.2102
rs6910279	G	0.0457
rs150439904	A	0.2584
rs16889963	C	0.0836
rs9352352	A	-0.0355
rs72909504	C	0.1171
rs7742982	G	0.0326
rs12195018	G	0.0637
rs235459	C	0.031
rs79900481	A	-0.0594
rs11963043	A	-0.0649
rs148470768	A	-0.1413
rs56103760	T	-0.1087
rs61054781	T	0.0333
rs147974285	A	-0.151
rs78934815	C	-0.1125
rs9448835	T	-0.0387
rs7766975	G	-0.069
rs17239297	G	0.0359
rs13213201	G	0.0603
rs6905679	C	-0.0586
rs116417902	G	0.1679
rs4260759	C	0.0331
rs117713769	G	0.3359
rs1190473	A	-0.0507

rs73730919	C	-0.0622
rs77938586	T	0.047
rs117358289	A	0.0612
rs9362727	T	-0.0345
rs6453919	G	0.0376
rs34610439	A	0.1035
rs111554286	A	0.1534
rs116213531	T	-0.1555
rs17678353	A	-0.1403
rs35724689	G	0.0944
rs116212401	C	-0.2037
rs6929505	T	0.1022
rs9386671	G	-0.0314
rs2626121	T	-0.0334
rs146339353	T	0.2451
rs1145972	A	-0.0327
rs79307900	A	-0.193
rs11759005	C	0.0786
rs9486179	G	0.0701
rs115833115	G	-0.1794
rs1998219	T	0.043
rs12665596	A	-0.042
rs140305827	A	0.1494
rs56043967	T	-0.0338
rs78758000	G	0.0547
rs12203034	A	-0.0928
rs79387680	A	-0.1667
rs9470023	T	0.1038
rs857412	A	0.1859
rs75202647	T	0.2
rs17069446	G	0.0591
rs148248486	T	-0.2072
rs72966947	C	-0.1785
rs56034906	C	0.065
rs2022419	A	0.032
rs17656694	T	-0.0528
rs4256429	T	0.1299
rs6902878	T	-0.0315
rs151139170	A	0.2248
rs9403527	T	-0.0332
rs36065805	G	-0.0827
rs62395902	T	-0.0987
rs422952	A	0.051
rs142628962	T	0.1727
rs17257056	T	-0.1682
rs117060742	G	0.1112
rs116997897	G	0.1554

rs342639	T	-0.135
rs7775047	C	0.0465
rs2085110	G	0.034
rs260245	G	0.0358
rs79741232	A	0.2391
rs2093877	G	0.0327
rs12213901	A	0.3257
rs735466	T	0.0804
rs72817852	G	0.0752
rs7741581	C	0.0318
rs148565609	A	-0.25
rs75465676	A	-0.0476
rs882003	A	-0.042
rs62439978	C	0.0424
rs16892747	C	0.1965
rs9360598	G	0.0605
rs112191466	G	0.0816
rs146376441	A	-0.1539
rs34892989	A	0.0361
rs3822923	T	0.1381
rs862439	G	-0.0659
rs76643488	T	0.1908
rs1873249	G	0.0306
rs11753419	C	0.1373
rs13208243	G	-0.056
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rs62440828	T	0.0845
rs9373095	A	0.1112
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rs7747072	C	0.06
rs6928991	A	0.0371
rs2089017	G	-0.0341
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rs76440129	A	0.1954
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rs34638064	C	-0.0719
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rs115892464	T	-0.1115
rs13204236	A	0.1092
rs958126	A	0.0503
rs116446701	C	0.1231
rs9296804	A	0.0323
rs761590	A	-0.0443
rs79724002	T	-0.215
rs79021277	C	0.0506
rs56303914	A	0.115

rs9969102	A	0.0445
rs806276	G	0.0324
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rs117227712	G	-0.2617
rs117746159	T	0.2426
rs13220464	A	0.0691
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rs9322523	C	0.1221
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rs115135082	T	0.1772
rs13191647	T	0.2916
rs10944440	A	-0.0369
rs316002	T	0.0521
rs10455428	A	-0.0449
rs9458186	A	-0.0408
rs117228923	C	-0.1646
rs12203733	T	-0.0645
rs72935612	A	-0.0631
rs9392177	G	0.0406
rs35122215	T	-0.1478
rs115870904	G	0.1281
rs715831	A	0.0316
rs13203976	A	-0.0387
rs62402551	C	0.1631
rs13211945	T	-0.1063
rs75960486	C	0.1466
rs55758956	T	-0.1309
rs11755993	C	0.2009
rs9389585	T	0.0521
rs10456561	A	-0.1782
rs111771992	T	0.1557
rs80312260	A	0.1143
rs71564497	A	-0.1166
rs9364972	T	0.0358
rs965918	T	-0.2127
rs2038552	G	0.0314
rs72855233	A	-0.0632
rs78345441	G	-0.103
rs116877625	C	0.1518
rs115256817	A	0.1932

rs62395876	C	0.1235
rs79218758	A	-0.1034
rs9471080	G	-0.0401
rs746095	G	0.031
rs9356966	G	-0.0376
rs195502	C	0.0316
rs56238691	T	0.2965
rs11963172	A	0.0357
rs78407802	A	0.1939
rs10807248	A	-0.0322
rs79065329	C	-0.1495
rs150440562	A	0.1291
rs9392122	T	0.1061
rs117912185	T	-0.1529
rs79705480	G	0.0808
rs12194720	T	-0.2422
rs9392769	G	0.0691
rs1569567	C	-0.0621
rs28457181	G	-0.1879
rs6568924	T	-0.0354
rs112336085	G	0.0389
rs6919483	G	0.0896
rs78648597	T	0.1013
rs149439986	C	-0.213
rs9374668	A	0.058
rs117492487	T	0.1373
rs7751176	G	-0.0303
rs6455995	A	0.0322
rs111855865	T	0.0632
rs142978834	G	-0.0736
rs3863223	T	-0.0318
rs4236055	C	0.0306
rs76426793	A	-0.1404
rs6458089	A	0.031
rs77767947	C	0.1963
rs115373329	G	0.1361
rs9403485	C	-0.0392
rs142026813	A	0.117
rs148700778	T	0.1357
rs16891404	A	0.0703
rs142387256	G	0.1889
rs115816184	A	0.2399
rs9379096	C	-0.075
rs115039558	T	0.1297
rs9266529	G	-0.0823
rs112770728	T	-0.1545
rs75005237	G	-0.1313

rs79092173	G	-0.1506
rs10499273	T	-0.1134
rs1743634	T	-0.0544
rs78412997	G	-0.2338
rs117190995	T	0.1419
rs7769759	C	0.0379
rs112297316	A	-0.0867
rs72831274	A	-0.0688
rs6456002	C	0.1872
rs79041970	T	0.1712
rs35744607	G	-0.05
rs116243543	T	0.2451
rs9475717	T	-0.0531
rs62437269	G	0.034
rs80315720	C	0.0753
rs78503670	T	-0.0975
rs17142021	T	0.0823
rs77932206	C	0.1325
rs636393	G	0.0318
rs9362878	C	-0.0335
rs115584488	C	0.131
rs75061448	C	0.1567
rs12110990	A	-0.1081
rs10080831	G	-0.061
rs150398674	T	0.1676
rs12202898	T	-0.0312
rs56854917	C	-0.0685
rs1324430	C	-0.0418
rs2503897	G	0.0306
rs57646517	G	-0.0685
rs98899	C	0.0559
rs117756793	T	0.1513
rs117582398	G	-0.0692
rs288955	C	0.0714
rs112664127	C	0.1701
rs77668857	T	-0.1633
rs9270060	C	-0.0591
rs6923824	G	0.0568
rs115327013	T	-0.0918
rs9449851	G	0.0376
rs116839142	G	-0.141
rs2077647	C	-0.0319
rs2490037	C	0.0481
rs112643977	A	-0.1359
rs138849897	T	-0.0719
rs9342220	A	-0.0436
rs72833794	T	-0.1308

rs12195499	C	-0.0301
rs75247589	G	-0.1741
rs34241261	G	-0.053
rs112885187	C	-0.094
rs4713989	T	-0.0347
rs4580892	T	-0.034
rs9347168	T	-0.0325
rs117922374	G	0.1279
rs6919626	G	0.0311
rs150695584	T	-0.159
rs12200682	A	-0.208
rs116877880	C	0.2355
rs116889945	G	0.1355
rs111692386	T	-0.1669
rs4895638	T	0.0503
rs9356417	T	0.0326
rs143477035	A	-0.0959
rs35911902	T	0.1401
rs75061917	A	-0.0631
rs6927712	G	0.0518
rs939749	T	0.0394
rs9451196	T	-0.0487
rs958656	G	0.0684
rs9473024	C	-0.0423
rs2983532	T	0.0702
rs112689870	G	0.1971
rs75899170	T	0.1273
rs76973777	A	-0.0683
rs34444456	A	-0.117
rs9353890	A	0.0397
rs6415091	G	-0.03
rs112632224	G	0.1509
rs6935186	C	-0.0304
rs114962280	A	-0.1195
rs9766010	G	0.0312
rs3812141	T	0.0425
rs149086365	G	0.1298
rs112028731	T	0.1178
rs142878091	C	-0.1873
rs77119522	T	0.238
rs9321963	C	-0.1003
rs1954946	A	-0.0423
rs12526857	T	0.0499
rs4896884	G	0.0388
rs116098447	T	0.1988
rs806383	T	0.0331
rs2064233	G	-0.0325

rs62424026	G	-0.1442
rs138822353	T	-0.1986
rs113559289	A	0.1404
rs148268586	G	-0.1945
rs2756318	G	0.033
rs112582310	C	-0.149
rs145470632	G	-0.097
rs12197287	T	0.0903
rs9295361	A	0.0371
rs9378429	C	0.0397
rs79275002	C	0.139
rs1417698	C	0.0301
rs9466530	A	-0.0623
rs7356868	A	0.0325
rs80097734	G	0.0638
rs13215310	C	0.1046
rs1325699	G	-0.0374
rs1002559	C	0.0402
rs138064474	G	0.193
rs9294430	T	0.04
rs1931821	G	-0.0369
rs80315748	A	0.1467
rs11754379	A	0.1214
rs13206094	C	-0.0346
rs142306808	G	-0.132
rs150445982	T	0.1539
rs56140098	T	0.2335
rs7775578	C	0.0497
rs6910895	T	0.0402
rs112118530	C	0.1247
rs179944	T	-0.0604
rs79522289	A	0.0761
rs9885976	T	0.0324
rs73749500	A	0.1596
rs150589232	A	-0.1461
rs78758785	G	0.0887
rs6920533	A	0.0804
rs150620688	C	0.1167
rs139587293	C	0.2491
rs11967122	A	0.0841
rs6938042	G	0.0329
rs4896668	G	0.0375
rs9444602	T	0.0319
rs77132754	A	0.0715
rs6934274	A	-0.158
rs4295507	A	0.0307
rs117243860	T	-0.1091

rs77921955	T	0.2091
rs145615649	C	0.3495
rs17507623	A	0.0719
rs148718496	T	0.2231
rs9394719	A	-0.0339
rs76437270	T	0.0367
rs117173250	A	0.1456
rs1205005	C	0.0701
rs2490031	A	0.032
rs73385280	T	-0.1173
rs9458946	T	-0.0397
rs6934248	T	-0.0469
rs9369325	T	0.0316
rs62393198	C	0.1518
rs6927641	G	0.0316
rs585398	G	-0.0634
rs9460191	C	-0.1674
rs10943040	A	-0.0324
rs13213144	C	-0.0541
rs9294602	A	-0.0624
rs62420315	C	-0.0677
rs138804962	A	0.0858
rs146337895	T	0.1569
rs12524029	A	0.1677
rs150052515	A	0.1601
rs17594202	C	-0.1178
rs55815143	A	0.1374
rs1147855	A	0.0367
rs72984203	G	0.1085
rs764285	T	0.038
rs6456056	C	0.0321
rs150917901	T	0.1292
rs1492967	A	0.0336
rs6570682	A	0.0585
rs1115208	G	0.074
rs111546880	G	-0.0762
rs114955215	T	-0.2543
rs7766122	A	0.0512
rs73028181	T	-0.1353
rs13216693	A	0.0453
rs114387959	A	0.1505
rs9343683	G	0.2438
rs115382122	C	-0.1172
rs4709110	T	0.0573
rs58503060	G	0.065
rs9476344	T	0.1536
rs12662969	G	-0.0498

rs2062327	C	-0.0296
rs853964	A	0.1289
rs707816	T	0.0331
rs11970468	C	-0.1421
rs113379704	T	0.0945
rs9378848	C	0.0341
rs113122701	A	-0.1839
rs78044257	G	-0.1586
rs13212091	T	0.0533
rs9276342	A	-0.032
rs115787483	T	-0.1093
rs11963377	C	-0.0444
rs117726556	C	0.1417
rs36026124	G	-0.1184
rs113752238	T	-0.1114
rs139600027	T	0.2828
rs2352061	C	-0.2436
rs772909	T	-0.0721
rs73016016	C	0.1281
rs34292570	G	-0.0571
rs13194850	C	0.0336
rs7760119	T	0.1474
rs12191772	A	-0.051
rs9499062	T	0.0366
rs139116545	G	0.0769
rs59092163	C	0.0485
rs4236095	G	0.0431
rs112703294	A	0.2105
rs1265103	T	-0.1167
rs116068893	A	0.1369
rs998307	C	0.1554
rs4562179	C	-0.068
rs9356833	T	0.0297
rs145782713	G	-0.0379
rs72846627	C	-0.0713
rs33980664	T	0.1813
rs73435933	C	-0.0644
rs2499497	T	0.1039
rs80035653	C	0.1506
rs7754410	G	-0.0427
rs111646647	G	0.2274
rs74906171	T	0.1573
rs17550901	C	0.0771
rs2798767	G	-0.046
rs294911	G	0.0361
rs7763778	A	-0.0502
rs75861194	A	-0.2275

rs9400485	C	-0.0362
rs62413934	T	-0.0999
rs6921770	A	0.0443
rs78179779	A	0.0963
rs116202490	C	-0.1033
rs802287	G	-0.1208
rs79738048	A	-0.0855
rs117409649	A	0.1208
rs9451304	A	0.0534
rs11551053	C	-0.1134
rs1539403	T	0.0326
rs62413165	A	0.1314
rs2490565	G	0.0638
rs9458323	C	-0.0351
rs9322470	A	0.0379
rs114588158	T	-0.0685
rs146550301	G	-0.1616
rs111631648	G	0.1944
rs10457283	T	0.1006
rs10046356	T	0.0819
rs609122	C	0.0445
rs10455670	A	0.0324
rs3749872	C	-0.0782
rs16890508	C	-0.0715
rs13437621	A	-0.0679
rs78827298	T	-0.124
rs146332994	G	0.1042
rs142333793	T	-0.1812
rs13219766	A	-0.0421
rs1318075	A	0.0449
rs288976	A	0.0317
rs117314357	A	0.1798
rs7764603	G	0.0422
rs139105056	G	-0.1258
rs9321225	T	-0.0372
rs4709380	A	0.035
rs13206457	C	0.0401
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rs62385049	T	0.1308
rs1591440	G	0.0985
rs9406010	C	0.0936
rs62432296	T	0.0636
rs34575407	A	0.1418
rs1187122	C	0.0588
rs56401777	C	0.0506

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rs35126064	A	0.0515
rs609579	G	-0.0389
rs117572385	G	0.1495
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rs79036187	C	0.133
rs77244473	G	0.1632
rs34395672	C	0.0469
rs77868189	A	0.059
rs1856501	T	0.174
rs1999083	A	0.0448
rs6938753	G	0.0389
rs116727414	G	-0.1673
rs16873301	T	-0.046
rs113721602	G	0.0792
rs78975229	A	0.159
rs55637706	T	0.2094
rs76085342	T	0.0785
rs11962122	T	0.0878
rs6926191	G	-0.0605
rs78946657	A	-0.0445
rs6928623	G	-0.1057
rs11155532	G	0.1461
rs62420365	T	0.17
rs62389639	G	0.0698
rs17164485	C	0.2035
rs112575125	T	-0.1477
rs77134397	G	-0.0577
rs28746892	T	0.049
rs17068852	C	0.1087
rs1391243	G	0.2036
rs3804121	G	-0.0426
rs77706164	T	-0.0843
rs3798979	C	-0.0305
rs17778438	A	0.0529
rs73475352	G	0.042
rs78843035	C	-0.1603
rs13196352	C	0.0352
rs214994	G	0.0297
rs6900482	T	-0.0298
rs17217045	C	-0.1991
rs7755014	T	0.0351
rs4959377	C	0.0325
rs77207462	C	-0.0992
rs113827100	T	0.2163
rs1262475	C	0.0979
rs75585669	C	-0.123

rs76849326	G	0.1988
rs72980621	C	-0.062
rs79046990	G	0.1438
rs7770527	A	-0.0756
rs2242298	C	-0.0338
rs117399368	T	0.129
rs6942259	G	0.0338
rs12528807	G	-0.0553
rs9476653	A	0.0798
rs13217719	C	0.0328
rs13193757	G	0.0382
rs66790278	G	-0.0392
rs551470	A	-0.0851
rs72821411	G	-0.0716
rs2505031	T	0.0604
rs76536567	T	-0.0566
rs79493976	C	-0.1608
rs2679651	T	0.0336
rs117838266	G	0.1155
rs115027829	T	-0.0743
rs66531067	A	0.0584
rs2842071	A	-0.1433
rs9349641	A	-0.0298
rs4960065	A	0.1792
rs147852146	G	0.1829
rs419563	G	0.0311
rs6921858	G	0.0787
rs6905723	T	0.0415
rs78737701	T	-0.1896
rs774438	G	0.0744
rs11754012	T	0.0429
rs74855572	A	-0.084
rs9351523	C	0.1005
rs35081495	C	0.1359
rs891646	G	0.0319
rs9479824	C	0.0315
rs2811692	T	-0.0327
rs56039346	G	0.0619
rs74969259	C	0.0927
rs77941573	G	0.1353
rs6927499	T	0.0391
rs73017119	T	-0.1582
rs10947433	A	-0.0519
rs317104	G	0.0349
rs7739372	A	0.1789
rs3179865	A	-0.1508
rs9452762	T	-0.1112

rs148728092	A	0.0892
rs59180865	A	-0.0613
rs12208779	C	0.0373
rs9374430	T	-0.0863
rs149057720	C	-0.0731
rs7761397	A	-0.0378
rs13192126	A	-0.0485
rs9502483	A	0.0381
rs4869909	T	0.0305
rs7760557	A	-0.0727
rs116667806	A	0.1392
rs518204	C	0.0337
rs17061497	G	0.051
rs1026153	G	0.0296
rs11465551	C	-0.0592
rs79469867	C	0.0532
rs114356416	T	0.1185
rs117081750	C	-0.1543
rs1320995	T	0.03
rs116983610	C	0.1589
rs71653628	T	-0.0831
rs79549473	C	-0.086
rs117791936	A	0.2312
rs1132742	G	0.0405
rs11970280	T	-0.1043
rs2327659	T	0.043
rs2012790	C	0.0303
rs62444781	A	-0.2738
rs72960467	A	-0.1659
rs927795	C	0.0324
rs72968570	T	-0.2604
rs2859138	C	0.0543
rs13199174	T	0.0633
rs9355682	T	-0.0323
rs656938	G	0.0306
rs114913966	A	0.1622
rs112740328	T	-0.0567
rs116986682	T	0.1539
rs75811042	A	-0.1926
rs9402564	T	-0.0562
rs75303464	C	-0.165
rs76981546	C	-0.0503
rs3800003	T	-0.0366
rs4712775	T	0.0305
rs829473	A	0.0308
rs76833819	A	0.1993
rs6596957	G	-0.0361

rs12665552	C	0.0367
rs2198624	G	-0.0522
rs1511084	C	-0.06
rs11242702	C	-0.0373
rs140752913	A	0.2047
rs12527037	T	0.1165
rs149546308	A	0.1367
rs113514146	C	-0.2214
rs9405949	T	-0.0515
rs6458123	C	0.0471
rs7773277	C	0.0424
rs6902488	T	0.1709
rs6941065	G	0.0529
rs12194277	T	-0.0304
rs114655470	G	0.2055
rs79401068	T	0.1014
rs196026	G	0.0479
rs1179384	C	0.0315
rs10945912	G	0.0526
rs1204179	T	0.0781
rs55809194	G	0.0881
rs62415498	T	-0.0431
rs117763874	G	0.1094
rs7771304	C	-0.054
rs41284712	T	-0.1352
rs111309660	A	-0.1608
rs543087	C	0.0834
rs9393382	T	0.046
rs79664570	T	0.0594
rs150111062	A	0.2579
rs605570	A	0.0473
rs76236413	G	0.0914
rs6457962	A	-0.148
rs17236659	G	0.0359
rs118072256	C	-0.1397
rs77654275	T	-0.1093
rs9482161	G	0.044
rs72865365	T	-0.0523
rs149949891	A	0.1113
rs4609019	C	0.0308
rs60645501	A	-0.1223
rs6937648	A	0.0308
rs12211938	C	-0.0607
rs79135470	G	0.165
rs74409654	A	-0.1196
rs111494929	A	0.2122
rs12200363	C	-0.1534

rs1476418	C	0.0299
rs12198566	G	-0.0302
rs273924	T	0.0475
rs141513476	C	-0.1113
rs12660941	T	0.0489
rs1534753	G	0.0493
rs144254280	C	0.1109
rs9363186	A	0.145
rs11963210	A	0.1668
rs3846947	C	0.0326
rs77557089	G	0.1439
rs113015584	C	-0.1067
rs9495276	T	-0.0701
rs3778661	C	-0.0516
rs28561438	C	0.1001
rs9456743	A	-0.0875
rs56090758	A	-0.0331
rs117113063	A	0.1368
rs79087386	C	0.1359
rs1767777	G	0.0341
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rs2251690	T	0.0555
rs117509702	G	0.1923
rs9467505	C	0.0452
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rs74531963	G	-0.059
rs1009763	C	0.0326
rs13201432	A	-0.0435
rs116328478	T	0.2223
rs9466287	T	-0.0495
rs144815083	A	-0.1404
rs62428160	T	-0.1933
rs17650378	G	0.131
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rs13195338	T	0.0311
rs214597	G	0.0377
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rs1682763	A	-0.0327
rs3813485	T	-0.0437
rs961918	C	-0.033
rs1796743	T	-0.0312
rs9320467	A	-0.0627
rs72982936	G	0.0541

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rs630220	T	0.0317
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rs12174402	T	0.0551
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rs76485673	G	-0.0957
rs417362	T	0.1464
rs62413670	A	0.1622
rs2815715	C	-0.0316
rs67458734	T	0.0487
rs3778542	T	-0.0913
rs12529708	C	0.0676
rs145990275	C	0.197
rs10499252	G	-0.0428
rs12210467	G	-0.0365
rs118134452	C	-0.1748
rs77981129	A	-0.1161
rs9382099	T	-0.0423
rs6931936	G	0.0412
rs73790998	T	0.1235
rs9342796	T	0.0833
rs60463810	T	-0.0778
rs1389921	A	-0.0417
rs118128376	A	0.156
rs7744062	G	-0.0377
rs144643348	C	0.1892
rs73739929	T	-0.2051
rs1361687	A	-0.1294
rs12193488	G	0.0644
rs116971335	A	0.0925
rs112696491	T	0.1688
rs115605965	T	0.0802
rs12193058	A	0.0658
rs13192546	A	0.0345
rs4946880	T	0.0319
rs9384376	T	0.0824
rs115096687	T	0.1223
rs75862174	G	0.2095
rs2327805	T	0.0638
rs12154136	A	0.0742
rs11243252	A	-0.0382
rs77182302	T	-0.1139
rs1341095	T	0.1562
rs76732986	T	0.0574
rs1323320	A	-0.0326
rs74745501	T	0.0993
rs146551511	T	0.1691

rs9766360	G	-0.0711
rs12198703	T	0.0459
rs198829	A	-0.0289
rs62414940	G	-0.0394
rs28639589	C	0.0967
rs76763527	G	-0.1943
rs13204527	T	-0.0458
rs9478954	A	0.0751
rs113787267	G	0.1065
rs114646660	C	-0.142
rs146699273	A	-0.216
rs111302908	A	0.162
rs73722207	A	0.2296
rs76991271	A	-0.075
rs12194709	G	-0.0376
rs9397720	A	-0.0323
rs62429821	T	0.1863
rs1322394	A	0.0331
rs4620120	C	0.0291
rs62417505	T	-0.0729
rs4343921	T	0.0409
rs863161	A	0.1537
rs76653190	C	0.0537
rs34441199	A	-0.0777
rs13198928	C	0.2396
rs144573297	G	-0.149
rs6597148	A	0.0656
rs79592380	T	0.2509
rs11153356	C	-0.0296
rs6903953	G	0.0299
rs113301526	G	0.1457
rs2235258	G	0.0346
rs78518956	A	-0.1493
rs9468152	C	0.0408
rs144714430	C	-0.1141
rs62407989	T	-0.1059
rs2816258	A	-0.0432
rs12197970	A	0.1405
rs2764159	G	-0.0327
rs1576754	G	-0.1004
rs6936162	C	-0.147
rs62461291	C	-0.0809
rs148292624	T	0.1506
rs4254958	T	-0.03
rs1535986	T	-0.0459
rs111477762	C	0.1089
rs9467421	A	0.0799

rs9368395	A	0.0377
rs12663560	G	-0.0291
rs1872244	C	-0.029
rs76404875	A	0.2088
rs1874197	A	-0.1543
rs60177803	C	-0.0537
rs12190953	C	-0.108
rs71556322	A	-0.0906
rs73566043	A	0.0544
rs1028334	G	-0.0382
rs9390588	C	0.0362
rs7739779	G	-0.0292
rs1983798	T	-0.0387
rs9467745	A	0.0373
rs57443907	A	0.0891
rs9345092	T	0.1226
rs34727771	G	0.1104
rs150731746	C	-0.1252
rs2095369	G	-0.0335
rs2216463	A	0.0332
rs12212616	C	0.1332
rs78007848	G	0.1017
rs17194424	G	0.1259
rs7757618	A	0.0379
rs7754801	A	-0.0325
rs62397035	A	0.1044
rs13200385	A	0.1398
rs72821503	C	-0.0719
rs9469623	A	-0.038
rs1288969	T	-0.1081
rs78645122	A	0.1202
rs9394548	G	-0.0313
rs13213825	C	-0.0447
rs236348	C	0.0445
rs117756064	T	0.1001
rs2819863	G	-0.0542
rs62427103	G	-0.0638
rs62416164	A	0.0803
rs926416	T	0.0304
rs1167970	C	-0.0294
rs35113152	G	0.0495
rs34575946	T	0.0394
rs2352147	G	0.1293
rs11965737	A	-0.0545
rs117609653	G	0.1665
rs76179437	T	-0.1285
rs77615349	T	0.134

rs114678255	G	0.1304
rs79068959	C	-0.0613
rs117996992	T	-0.165
rs141277067	A	-0.1763
rs67007116	A	-0.3173
rs1145998	G	-0.1964
rs9459982	A	-0.0715
rs79782063	C	0.1053
rs78886474	T	0.1411
rs57858119	A	0.1424
rs2785910	G	-0.0304
rs141769235	G	-0.125
rs78650088	A	0.1515
rs143561148	C	-0.191
rs9502036	C	0.0484
rs9456505	A	0.0568
rs35951109	G	-0.0419
rs7747077	G	0.0409
rs10484817	C	0.0726
rs79911190	G	0.147
rs10457375	T	-0.029
rs12527253	G	-0.0398
rs117696055	C	0.1878
rs143884317	G	0.1819
rs13220290	T	-0.1416
rs115307097	G	0.1311
rs115997994	A	-0.2574
rs4897002	C	-0.0321
rs833070	T	0.0323
rs72830065	T	0.1137
rs72987732	G	-0.0911
rs77564475	G	-0.0777
rs76124397	C	-0.0492
rs76049501	G	0.0485
rs73240927	T	0.1711
rs17343605	T	-0.1207
rs138112329	A	-0.054
rs17524448	C	0.0442
rs7753791	A	0.0347
rs4706518	G	0.0411
rs12213214	A	0.0403
rs75414471	A	-0.0669
rs199644	G	-0.0293
rs80326832	C	-0.0756
rs12200214	A	0.0562
rs77200743	C	0.1361
rs116883706	A	-0.129

rs55724578	A	-0.0925
rs60587153	C	0.0586
rs115610115	T	0.1193
rs9396707	T	-0.0314
rs146368704	A	0.1375
rs9342037	T	-0.0294
rs149163521	A	-0.2144
rs578654	C	-0.029
rs2350388	C	-0.0284
rs7769929	C	0.1024
rs73242472	C	-0.0632
rs149928954	A	-0.2045
rs148711289	C	0.1766
rs75624437	C	0.0404
rs142462017	T	-0.0495
rs116939776	G	-0.1544
rs2064793	A	-0.0279
rs62425956	C	0.0475
rs1883629	T	-0.0351
rs77898797	C	-0.0982
rs74514478	A	-0.1197
rs7758467	C	0.0445
rs9489468	C	-0.0987
rs17824144	C	0.0618
rs3777957	C	0.0459
rs35128272	A	-0.0607
rs3822846	C	0.108
rs72939813	T	0.0413
rs71570977	G	0.0562
rs10434891	G	-0.0563
rs74698276	T	0.1726
rs76328855	T	0.099
rs117153335	T	0.1773
rs12213941	C	-0.1289
rs117182085	T	0.1502
rs13195443	C	0.091
rs1441889	C	0.0726
rs11756937	T	-0.0796
rs116106688	A	-0.2222
rs74507427	T	0.0915
rs1003260	A	-0.0347
rs117030276	C	-0.1678
rs11755844	A	-0.0895
rs3756814	C	-0.0291
rs118002341	A	0.095
rs540908	G	0.0364
rs12208992	A	0.0353

rs182320	C	-0.0301
rs55971720	A	0.0286
rs2087786	C	-0.0468
rs138285423	T	0.1794
rs3747745	A	0.0357
rs78862062	G	0.0955
rs10455998	A	-0.0357
rs2506739	C	-0.0375
rs72832919	T	0.1528
rs2328398	C	0.0625
rs7741251	G	-0.0333
rs3757028	T	-0.0362
rs76485047	T	0.1668
rs9356147	A	-0.0295
rs272236	C	0.034
rs139043951	G	-0.1556
rs67903272	T	0.0365
rs75766550	T	0.1444
rs13219102	T	0.1745
rs9387994	A	0.0481
rs139320712	A	0.2661
rs112264746	T	0.1913
rs1033390	T	-0.029
rs74805700	A	-0.0975
rs140627805	A	0.1823
rs148356569	T	-0.2006
rs77501937	G	-0.09
rs62392447	A	-0.0468
rs6913005	G	-0.0587
rs62394635	G	-0.0528
rs10946843	G	-0.0334
rs9363723	C	0.0451
rs9460207	C	-0.0313
rs9394504	T	-0.0299
rs4576265	C	-0.0281
rs114182312	T	0.149
rs77345379	T	0.1162
rs9400333	A	0.0484
rs72905329	A	-0.1882
rs72845857	T	0.2382
rs13206894	A	-0.1675
rs9399374	G	-0.1489
rs77486022	A	0.0993
rs199621	C	0.0281
rs17678784	C	-0.0841
rs9360206	G	-0.043
rs11154614	A	-0.0323

rs113105647	T	0.2454
rs143508449	G	0.2471
rs72845643	C	0.0736
rs6932238	G	-0.0357
rs111899933	C	0.1051
rs117016563	A	-0.2372
rs62430414	G	-0.0445
rs111282184	A	0.1293
rs12199148	T	-0.0301
rs9456367	C	-0.212
rs71554541	T	-0.1244
rs151002338	T	-0.1713
rs77646630	G	0.2575
rs6924721	G	-0.0467
rs12209674	A	0.048
rs5017128	G	0.0775
rs112920330	T	0.0495
rs2494548	T	0.0295
rs75098244	T	0.167
rs6914004	T	-0.0351
rs77595430	C	-0.17
rs113292103	A	0.0927
rs78052620	A	-0.097
rs609421	A	-0.0579
rs7756982	G	-0.0302
rs35775692	C	-0.0744
rs11155190	C	-0.0398
rs55739478	C	0.0658
rs114871321	G	0.1539
rs140554193	G	-0.1694
rs10456709	G	0.0293
rs117747374	T	-0.1375
rs76758151	G	-0.1373
rs299412	C	-0.0469
rs12212957	T	0.1332
rs2219667	G	0.031
rs113578887	T	0.1496
rs140650994	C	-0.2012
rs55845536	T	0.1454
rs79244342	G	-0.0508
rs9457562	C	-0.0724
rs62430736	G	0.0668
rs80269362	A	0.0735
rs139281147	G	0.1718
rs991762	T	0.036
rs71562454	A	-0.0885
rs61401710	C	-0.1496

rs59090158	A	0.0397
rs148933967	G	-0.0783
rs117370516	A	-0.1474
rs343677	C	0.0303
rs17511083	C	-0.0943
rs144264268	G	-0.1441
rs17063765	G	0.0948
rs144472941	T	0.102
rs34643319	A	0.0453
rs116946085	A	-0.1772
rs55891460	A	0.1366
rs2076518	A	-0.0281
rs4960194	T	0.0307
rs56224400	C	-0.1274
rs12530080	A	0.0391
rs11758588	C	0.0634
rs1999045	T	0.0468
rs9394939	T	0.1714
rs9347824	A	-0.0616
rs113135622	A	0.0775
rs117325598	A	-0.1555
rs9688599	C	-0.032
rs4709649	G	0.0778
rs11756646	T	-0.0679
rs789963	C	0.0809
rs2498750	G	0.1036
rs1259069	G	-0.0811
rs9472840	A	-0.1835
rs2499901	A	0.0313
rs113030748	C	-0.2272
rs6921289	T	0.2015
rs116869494	T	0.1638
rs112121678	G	-0.0893
rs76719030	A	-0.1372
rs143253375	G	-0.1406
rs113460526	A	-0.0999
rs143254079	A	0.0722
rs11965215	G	0.0757
rs77835011	T	0.0903
rs7449962	A	0.0345
rs116457443	C	0.0541
rs9465076	T	-0.029
rs9322341	C	0.091
rs114383434	C	-0.073
rs77850033	G	-0.2094
rs6927457	G	0.0585
rs115138315	A	-0.1379

rs57442432	C	0.048
rs2138340	T	-0.0771
rs2516397	T	-0.04
rs203147	A	0.0318
rs3777569	T	-0.0902
rs2566823	T	0.0375
rs11755133	C	0.1806
rs111504786	T	-0.2056
rs4869738	T	-0.0338
rs1518512	G	0.0311
rs17592434	C	0.0389
rs143289486	T	-0.1965
rs4623240	A	0.0351
rs144528336	A	0.1108
rs16879129	C	-0.0316
rs7768742	T	0.1097
rs79844070	A	-0.0443
rs1346297	T	-0.0289
rs6906280	T	0.051
rs115806028	C	0.1278
rs477230	A	0.0342
rs6912769	G	0.0291
rs143836175	A	0.3024
rs73525872	T	0.1334
rs6911837	G	0.0302
rs6455351	G	-0.0352
rs72952403	G	0.0925
rs55894055	T	0.0499
rs117685663	G	-0.1708
rs1427081	C	0.0819
rs7738300	T	0.0332
rs76848603	A	-0.0764
rs2095343	A	0.0287
rs62408760	T	-0.0934
rs2281830	A	-0.0314
rs797554	T	-0.0664
rs13217912	C	0.1764
rs6923772	A	-0.0594
rs72856422	C	-0.0385
rs4897560	C	0.0312
rs73007724	A	0.0758
rs9455729	C	-0.0672
rs75496503	C	0.1155
rs9393002	G	0.0294
rs146990774	G	-0.2208
rs4711035	A	-0.0294
rs113721836	G	-0.1051

rs12211616	A	0.0319
rs6902048	A	0.0289
rs141307800	A	0.18
rs11752133	A	0.0816
rs4997823	G	-0.0313
rs219965	G	-0.0307
rs1890580	T	0.0313
rs75065496	T	0.0875
rs9386188	T	0.0279
rs117451378	G	0.0647
rs34683309	G	-0.1474
rs79599055	T	0.121
rs141766382	C	-0.2237
rs60880319	T	0.0687
rs1079237	T	0.1019
rs2223220	A	0.0285
rs4945761	A	-0.1463
rs60555451	G	-0.0893
rs9449384	T	0.0362
rs75512843	T	-0.1603
rs111250448	T	0.144
rs60917185	T	-0.0433
rs139746618	C	-0.1481
rs7762317	C	0.0568
rs1575595	T	0.0608
rs13196636	C	0.108
rs9368594	G	0.0304
rs9487850	A	0.0434
rs4713078	G	-0.1615
rs115756530	T	0.1303
rs41288592	T	-0.2128
rs4609066	C	0.0286
rs918300	G	-0.0449
rs62407183	A	-0.1346
rs13219327	A	0.1763
rs75411742	T	0.0418
rs114443081	A	0.2294
rs12213706	T	-0.1072
rs145626427	G	-0.254
rs10081125	C	0.0288
rs111243489	A	0.146
rs116716295	A	0.1845
rs548083	G	-0.0455
rs79234575	T	0.0391
rs78654791	G	0.1385
rs6597061	G	0.0853
rs145813896	C	-0.173

rs72936194	C	0.0632
rs2064875	A	-0.0293
rs6904719	G	0.0328
rs11965551	A	-0.0568
rs3005503	T	-0.0391
rs140986363	A	0.1795
rs11966041	G	0.0389
rs13205491	T	-0.034
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rs118166695	A	0.1511
rs73022146	C	0.1434
rs75745945	T	0.0494
rs148679347	C	-0.0896
rs114565826	C	0.1001
rs13205177	A	0.1448
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rs9322364	G	-0.0278
rs75357341	T	-0.1289
rs149526839	G	-0.0939
rs6935203	A	-0.0418
rs76061775	A	0.1767
rs2744484	C	0.0796
rs9377123	G	-0.0374
rs9367079	G	0.0296
rs3799733	A	0.031
rs143640606	A	-0.1229
rs146551903	G	0.1614
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rs77475382	A	0.0567
rs138087738	C	0.1715
rs58584994	T	0.0818
rs34496500	A	-0.0406
rs4706738	G	-0.033
rs6929326	G	0.0309
rs72922977	C	0.0479
rs351323	A	-0.036
rs6919257	T	0.029
rs35759094	A	0.0693
rs117420714	A	0.1513
rs74462002	G	0.147
rs35401098	A	0.0354
rs143245518	T	-0.049
rs9402077	G	0.028
rs115496049	T	-0.1091
rs73442516	T	0.1352
rs74881936	C	0.16

rs440163	C	0.0478
rs144911617	G	0.0438
rs11753989	C	-0.0872
rs77249378	T	-0.0741
rs114387742	G	-0.1064
rs12202948	G	-0.0484
rs6459426	T	0.0809
rs12200114	A	0.0298
rs8192619	A	0.0598
rs139878170	A	0.1429
rs168455	G	-0.0643
rs9443267	A	-0.1652
rs270321	T	-0.0332
rs78279801	T	0.0577
rs4870140	T	-0.0534
rs722755	A	-0.0564
rs578560	G	-0.0375
rs78530656	A	-0.0405
rs75493095	C	0.0874
rs440530	A	-0.0315
rs9499429	C	0.0671
rs9372179	C	0.1041
rs56125781	A	-0.0663
rs764343	C	0.0334
rs73744711	C	-0.1046
rs9397901	G	0.0276
rs117257321	C	0.1701
rs113913318	A	0.0626
rs77680150	G	0.1906
rs117623212	T	-0.2159
rs77355849	T	-0.1318
rs9485099	T	-0.0315
rs147867111	T	0.15
rs2324579	T	-0.0286
rs12198280	G	0.0437
rs71556167	C	-0.0919
rs11964500	T	0.1209
rs4710150	T	0.1297
rs7749864	G	0.0337
rs10945846	A	-0.0286
rs3757062	A	0.0441
rs13193413	T	-0.0281
rs78629448	A	-0.109
rs1722363	G	0.0612
rs8191813	T	0.2329
rs6924158	C	0.033
rs34677780	T	0.0535

rs72851457	T	0.1286
rs112143178	T	0.1123
rs62399336	G	0.037
rs117264621	A	-0.0911
rs77120877	C	-0.2004
rs9398785	T	-0.0298
rs11754731	G	0.1245
rs6456449	C	0.0434
rs141147244	T	0.2025
rs1410669	G	-0.0934
rs6915118	A	0.0418
rs116843518	T	0.1678
rs74759796	G	-0.0869
rs117143336	A	-0.1021
rs2292575	G	-0.0473
rs118095216	A	-0.1611
rs483481	A	-0.0295
rs12209786	A	-0.0875
rs74958138	C	-0.0651
rs9355187	C	0.1257
rs139294148	C	-0.2187
rs62436484	T	-0.0406
rs117665489	C	-0.0791
rs2506745	C	0.0289
rs79052905	T	0.0734
rs116240204	G	0.2684
rs12211693	C	0.1285
rs2328542	C	0.028
rs148810333	C	0.1235
rs143367815	G	0.1582
rs139409966	C	-0.0979
rs9470112	C	0.0602
rs6926991	C	-0.0427
rs11755088	A	0.1467
rs72556089	A	0.1484
rs9393072	G	0.1069
rs74874219	G	-0.0963
rs78324519	G	-0.1137
rs77320369	A	0.1096
rs72886156	C	0.1229
rs114927772	T	-0.1925
rs9390463	G	0.0278
rs3799639	G	0.032
rs12196575	G	-0.1002
rs1892356	G	0.0311
rs6916167	C	-0.0282
rs565583	C	0.0385

rs116881264	A	-0.1584
rs779478	T	-0.0293
rs11968993	G	-0.0709
rs9366651	G	0.0278
rs62395035	G	0.0701
rs6941697	G	0.0369
rs6934100	T	-0.0556
rs56411819	T	0.0453
rs62411093	T	-0.0346
rs13209666	G	0.0414
rs9397190	C	-0.0443
rs1355023	C	0.0305
rs78988207	T	0.0448
rs9471789	T	-0.0336
rs7775313	T	-0.1347
rs9457136	T	-0.0892
rs113744067	C	0.1041
rs9455952	C	0.0451
rs9344230	C	-0.0311
rs72913851	A	0.0966
rs4947176	C	-0.0277
rs143168564	G	0.2464
rs35374042	T	0.1823
rs9349342	A	-0.0347
rs58324137	C	-0.037
rs2475505	C	-0.0273
rs5008971	A	-0.044
rs34170156	T	-0.0895
rs76492053	A	0.1139
rs77245878	T	0.1144
rs1457956	C	0.0281
rs141679807	T	0.12
rs702348	A	0.0781
rs117978402	A	-0.1035
rs112899359	A	0.1105
rs9455927	C	0.0327
rs78594141	G	-0.1797
rs9462996	C	-0.044
rs2071809	T	0.0938
rs74525762	C	-0.0387
rs116783208	T	0.1468
rs12215131	A	-0.0286
rs35666540	A	-0.1238
rs234478	G	-0.0328
rs11967262	G	-0.0308
rs9357383	A	-0.0321
rs1132357	A	-0.0376

rs111265768	A	0.0507
rs75294527	G	0.1235
rs12175854	A	-0.0472
rs116968463	G	0.1367
rs3778158	T	0.0387
rs115532759	T	0.1232
rs9373334	C	-0.0276
rs4052720	A	-0.03
rs13214509	T	0.0312
rs9321103	G	0.0272
rs303058	G	-0.0689
rs113783884	A	-0.2171
rs9885838	C	0.0329
rs2840801	G	0.0405
rs715441	C	-0.0506
rs139248034	T	0.1805
rs77001295	T	-0.1573
rs75363928	A	-0.1319
rs9474880	T	0.0292
rs4712000	A	0.0298
rs117944720	T	-0.1844
rs116240317	A	0.1764
rs13193243	T	0.0953
rs9361759	A	-0.034
rs228419	C	0.0445
rs827996	C	-0.0513
rs2326632	G	-0.0313
rs7742413	T	0.0268
rs62392008	G	-0.0394
rs55679900	T	0.1064
rs116410585	C	-0.0802
rs2271116	A	0.0322
rs150321190	T	-0.1332
rs35408284	T	-0.0774
rs10455932	A	-0.0277
rs72896737	G	-0.1735
rs3798315	T	0.0463
rs9503012	C	-0.0339
rs72947982	C	-0.0815
rs9486092	G	-0.0283
rs62400394	G	-0.0565
rs76671793	C	0.1258
rs72898109	A	-0.0838
rs557544	C	-0.03
rs9356006	A	-0.03
rs79131379	A	-0.066
rs141751476	T	0.1652

rs143045199	C	-0.1306
rs480122	A	-0.0349
rs2502546	C	0.1292
rs116699560	A	0.2104
rs4896779	A	0.082
rs4708108	T	-0.0529
rs118146092	T	0.0886
rs1972281	C	-0.0345
rs9332735	A	0.1357
rs2744186	T	0.1502
rs62393063	G	-0.0747
rs2569824	G	0.0442
rs750810	C	0.066
rs151189490	G	0.0842
rs79916911	G	-0.1043
rs857423	C	-0.0296
rs6936963	T	0.0514
rs78851451	A	0.0989
rs2181351	A	0.0288
rs7452004	A	-0.1631
rs2616032	G	-0.0273
rs56242039	C	0.0559
rs117695022	T	0.1563
rs4428494	A	0.0491
rs13198046	A	0.0653
rs693850	G	0.0385
rs75038185	T	-0.0924
rs62440831	C	-0.1138
rs115650159	A	0.0608
rs8191744	C	0.0781
rs79453941	C	0.1399
rs117452037	A	0.2135
rs12206903	T	0.0375
rs78870594	T	-0.098
rs2840835	A	0.0267
rs76084741	T	0.0881
rs235701	T	-0.0398
rs10944332	G	0.0536
rs57310726	A	-0.046
rs112014403	G	0.1527
rs75976263	G	-0.1454
rs35555027	G	0.1337
rs7766349	G	0.0278
rs145421717	T	0.0783
rs9264911	G	0.0473
rs117765914	T	-0.1334
rs45560534	G	0.0823

rs117340637	A	0.0954
rs113457553	T	-0.0387
rs11963964	A	0.146
rs9400372	G	0.033
rs11967988	T	-0.0925
rs145194133	G	-0.0689
rs4267983	G	0.0786
rs511700	G	-0.0301
rs11753137	C	0.0428
rs76107052	A	0.0414
rs75871609	A	-0.1238
rs199045	A	0.0286
rs73772253	A	-0.0945
rs239516	T	-0.0299
rs2357524	G	-0.0267
rs10947505	G	0.0277
rs750811	A	0.0328
rs35432724	G	-0.1146
rs56040637	G	-0.1003
rs149565585	A	-0.1578
rs6935864	C	0.0321
rs117289729	A	0.0903
rs2047	C	0.0874
rs922898	T	0.0475
rs9474718	C	0.0472
rs7452199	G	0.0771
rs1161389	C	0.0698
rs72872997	G	-0.0978
rs2397146	A	0.0303
rs114821072	T	0.0715
rs77697467	A	0.0559
rs4278033	C	-0.0416
rs735297	C	-0.0346
rs74650262	A	-0.118
rs146875626	G	0.0994
rs68092383	G	0.0517
rs1000041	T	0.0917
rs77425805	A	0.1337
rs78814919	A	-0.175
rs680200	A	0.0273
rs79500771	G	0.1455
rs6939771	G	0.0348
rs142060097	T	-0.1782
rs114246451	T	0.1739
rs144653986	C	0.0529
rs35479904	A	0.1697
rs7755894	G	-0.0531

rs9349303	G	-0.0283
rs139752958	A	0.182
rs4613838	A	0.0396
rs73537770	G	-0.0585
rs12203615	T	0.0316
rs35844431	T	0.0332
rs4708564	C	0.0588
rs78083592	G	-0.2058
rs6569076	G	0.028
rs11153532	T	-0.0891
rs1013507	G	-0.0378
rs6900079	C	0.0332
rs13210187	C	0.0342
rs2254574	T	-0.0412
rs200151	T	0.0704
rs141391640	C	0.1934
rs77777074	C	-0.0992
rs34137062	T	0.0964
rs12214721	T	0.1008
rs56230562	T	-0.0626
rs75842709	T	0.0742
rs6918295	A	0.0475
rs117902421	G	0.1827
rs6938622	G	-0.037
rs77757079	G	0.0594
rs7762216	T	-0.0577
rs113857603	G	-0.153
rs149424314	G	0.0333
rs1983785	C	0.0679
rs76654323	T	-0.1462
rs4535557	G	0.0273
rs78740494	G	0.1588
rs28763969	C	-0.2246
rs17060275	T	0.0537
rs151013782	G	0.1408
rs73025525	G	0.0757
rs118175120	A	0.1534
rs6936315	C	-0.0419
rs6909569	G	0.1152
rs28696668	C	0.1243
rs1145749	T	-0.0753
rs71558326	T	0.0334
rs9502303	T	-0.0878
rs72909431	G	0.0716
rs6915881	G	0.0306
rs6928424	T	0.0386
rs77783986	C	0.0698

rs6928374	A	0.0273
rs2575004	G	0.0327
rs9478592	T	-0.0319
rs3124923	A	0.0333
rs146865883	T	0.1411
rs138264124	G	0.1183
rs34765554	T	0.0944
rs9385271	C	-0.0306
rs117079568	T	0.1019
rs9478538	A	-0.0278
rs4714406	T	0.0302
rs144183381	C	-0.113
rs148428781	T	-0.1087
rs11968750	T	0.1324
rs118028109	T	-0.1088
rs72968918	T	0.1016
rs41406448	A	0.0395
rs2028156	G	-0.0443
rs7746829	T	-0.0442
rs6921502	G	-0.0264
rs148499541	C	0.1213
rs112982380	C	0.0889
rs73009097	C	-0.2155
rs2025993	A	0.0788
rs9320853	A	-0.0615
rs9357728	A	0.0582
rs78666034	T	0.1273
rs155459	A	0.1348
rs73779953	G	-0.0483
rs149091838	T	-0.1936
rs77722701	A	-0.0583
rs9371410	T	-0.0368
rs73440447	T	-0.0882
rs78377438	C	-0.1838
rs147922484	A	0.2329
rs111642260	C	0.1127
rs12524960	G	-0.0281
rs12197777	T	-0.0444
rs75439598	T	-0.0901
rs111557465	T	0.1112
rs151007294	A	-0.1636
rs144823657	A	0.1387
rs78320184	T	-0.1167
rs17588579	A	-0.0618
rs6919025	A	0.0561
rs35126624	C	0.074
rs9470819	A	-0.0304

rs1003737	C	-0.027
rs116423312	A	0.0974
rs6934474	T	-0.0331
rs151243528	A	-0.177
rs62388445	T	-0.0647
rs13198589	T	-0.0995
rs116674911	G	0.0828
rs9378300	T	0.1149
rs114773899	T	0.0866
rs113226307	T	-0.1596
rs9458991	A	-0.0318
rs146470015	G	0.1994
rs73423105	T	0.0868
rs455247	G	0.0269
rs9463015	G	-0.0805
rs79768046	T	0.1286
rs1032153	T	-0.0395
rs9354011	A	-0.0477
rs72984713	G	0.0688
rs9496445	T	-0.0373
rs9480482	A	-0.0352
rs115471174	T	0.0969
rs362885	C	0.0891
rs115714691	C	0.113
rs118077679	G	-0.0671
rs150061454	C	0.0887
rs11965193	T	-0.0464
rs116657251	G	0.1788
rs9390585	A	-0.0292
rs9321164	A	0.029
rs236423	T	0.058
rs1983703	G	0.0667
rs9385643	A	0.0267
rs7744789	G	-0.0283
rs76637693	A	-0.076
rs62435615	T	0.0391
rs6926924	T	0.039
rs10499068	G	0.0408
rs62417239	C	-0.046
rs17548238	A	0.1086
rs4715359	G	0.0274
rs228433	G	-0.0285
rs12665556	A	-0.0278
rs12212842	T	0.0457
rs1987789	A	0.0297
rs76286838	T	0.0901
rs73021276	T	0.05

rs77468769	T	0.176
rs117732151	T	0.0653
rs77439453	G	0.0692
rs4285294	T	0.0398
rs7775027	G	0.1627
rs147007455	T	-0.1417
rs35795009	T	-0.0639
rs13218577	C	-0.0304
rs12206967	A	-0.0442
rs12201004	G	0.1017
rs667651	C	0.0439
rs76219667	T	0.0786
rs73027963	A	-0.0502
rs58920749	G	0.0314
rs9370111	G	-0.0454
rs78455245	G	-0.0858
rs9393230	T	0.0686
rs13209760	A	-0.0402
rs17619987	G	-0.1053
rs148094737	A	-0.0972
rs116893172	G	-0.0848
rs9390576	G	0.0472
rs6907858	C	0.0362
rs7747434	G	0.0511
rs112379521	A	0.1935
rs6571051	T	-0.0929
rs35591210	A	-0.0815
rs58167717	C	0.0469
rs946971	C	-0.1876
rs62435863	A	-0.0482
rs55986107	G	0.1061
rs17136721	A	0.0694
rs6588711	T	-0.0426
rs761586	T	0.0278
rs117743467	G	0.154
rs149447298	G	0.1028
rs241590	A	0.0574
rs9392901	T	0.0301
rs80343086	T	0.1415
rs35496612	C	0.0699
rs62433240	A	0.1116
rs148713892	A	0.0793
rs143699786	T	-0.1575
rs117702298	G	-0.194
rs117394632	A	0.1106
rs150618707	T	0.1764
rs2233123	C	0.1941

rs144872584	C	-0.1507
rs12111375	C	-0.0274
rs3127355	T	0.0284
rs9368070	C	0.0287
rs1268125	T	-0.0288
rs6928488	C	0.12
rs6923318	A	0.0955
rs2352423	G	-0.0285
rs12207401	A	0.0767
rs9346858	A	-0.0308
rs6903224	T	-0.0443
rs114413559	A	0.1433
rs75272847	C	0.2069
rs141142621	C	0.2064
rs76518538	G	0.1332
rs1555374	C	-0.0416
rs1407500	T	-0.0377
rs12529519	G	0.0451
rs116429927	C	0.1707
rs12201767	A	-0.0684
rs117499911	A	0.0458
rs9349204	G	0.0298
rs115389113	T	0.2067
rs9379165	G	-0.0266
rs9459132	T	-0.0833
rs1247346	A	0.0348
rs72932238	A	-0.0991
rs9347991	C	0.0344
rs56343703	A	0.1235
rs115973781	C	0.1756
rs115321177	T	0.1123
rs1337130	T	-0.0283
rs12198155	A	0.0468
rs56200230	C	-0.0471
rs57526507	A	-0.0817
rs73744674	C	0.0645
rs62408031	A	0.044
rs75459234	A	-0.154
rs145904713	T	-0.1196
rs7745749	A	0.0266
rs56017398	C	0.1404
rs7771311	C	0.076
rs141041825	A	-0.2123
rs149696474	C	0.209
rs76229032	C	-0.1162
rs479736	G	0.0534
rs13216865	A	0.07

rs9472286	A	-0.0751
rs9398464	T	-0.1398
rs117779266	T	0.1348
rs149577990	A	0.1849
rs9492388	G	-0.0283
rs9398952	G	0.0758
rs9342603	T	-0.0367
rs114052356	T	-0.0868
rs9453939	T	0.0561
rs72820159	T	0.1274
rs13196356	A	0.0385
rs77173746	T	-0.1358
rs79945133	G	-0.1809
rs144769391	A	0.1198
rs78624661	G	-0.0948
rs116076878	T	-0.1027
rs6458854	G	0.0289
rs115811491	A	-0.0896
rs7756474	G	-0.0363
rs72952499	A	0.079
rs4708909	G	0.0329
rs12193109	G	0.0792
rs12209854	T	-0.0365
rs117893322	T	-0.1027
rs12191760	T	0.0545
rs1018156	T	-0.0338
rs72935783	A	0.0484
rs6925001	G	-0.045
rs76699979	A	0.1715
rs9486961	T	0.067
rs1998794	G	-0.0294
rs79487282	C	0.1126
rs2504373	C	0.0274
rs117625717	G	-0.1604
rs75732053	A	0.0787
rs34067087	T	-0.088
rs7770108	G	-0.038
rs6914160	G	0.0273
rs142848532	T	-0.0663
rs117780815	T	-0.0844
rs117630754	C	-0.1662
rs6569504	T	-0.0278
rs79415730	A	0.0587
rs13215236	G	-0.1248
rs4543325	A	-0.1889
rs72900210	C	0.075
rs72906955	T	-0.0307

rs76958658	T	-0.0613
rs10214716	A	0.0993
rs9367925	C	-0.031
rs78443670	T	0.0573
rs7745268	C	0.1028
rs143300159	G	0.1645
rs34673899	G	-0.082
rs73779520	C	-0.1428
rs1983790	T	0.0311
rs4708769	G	-0.0328
rs4714133	T	-0.0327
rs6918225	T	-0.0292
rs62428930	A	0.1001
rs2097292	T	0.1552
rs75356348	C	-0.0765
rs117988724	A	-0.111
rs9351961	C	-0.0343
rs9460468	C	0.0568
rs118184320	A	0.0733
rs7776194	A	0.0269
rs79629641	G	-0.1848
rs11757832	G	-0.0474
rs7743622	C	0.0289
rs35383047	A	0.0628
rs72939644	T	0.0423
rs56050802	T	-0.086
rs62423458	G	-0.0966
rs7451929	A	0.0765
rs4839735	C	0.0323
rs112604384	T	0.0489
rs117717426	G	0.0954
rs416688	T	-0.0276
rs111397862	G	0.1087
rs854922	A	0.0747
rs117955794	T	-0.1709
rs74788768	A	0.2281
rs151203402	T	-0.1385
rs7742810	C	-0.0417
rs111327422	T	0.1426
rs142141811	A	0.132
rs2794724	G	0.0389
rs9459015	C	-0.0645
rs9392557	C	0.0455
rs10944722	A	-0.0291
rs12664633	A	0.0977
rs75534946	G	0.0841
rs2397078	G	0.0274

rs78335847	A	0.068
rs117050722	T	-0.1475
rs56243433	G	0.0385
rs141543627	C	0.151
rs9349934	C	0.0506
rs6454568	T	-0.0267
rs657839	T	-0.0413
rs12208932	A	0.0551
rs12524770	T	-0.0291
rs9259946	T	0.0667
rs12614	T	0.0475
rs74411444	C	-0.0526
rs72937728	G	-0.1131
rs34873203	C	-0.0974
rs141929042	T	-0.1405
rs150841634	G	-0.1112
rs41271563	T	-0.1688
rs11751849	C	-0.0749
rs75571551	C	0.0688
rs147673809	A	-0.0863
rs113472089	A	0.0621
rs112914546	C	-0.1584
rs146547348	C	0.1677
rs9488815	T	0.0979
rs627148	A	-0.0283
rs9478383	A	-0.0453
rs113977884	G	-0.1423
rs10485092	G	0.0574
rs111650185	T	0.1918
rs9458867	A	0.0293
rs705795	T	0.0311
rs143771978	A	-0.1578
rs112046217	T	-0.0605
rs1472312	T	-0.062
rs56854777	A	0.0351
rs79332350	G	-0.1758
rs145390496	A	0.1282
rs833619	G	-0.0487
rs13215938	T	0.0619
rs991299	T	0.0651
rs16887254	T	-0.1107
rs4706561	A	0.0301
rs6937402	G	0.0605
rs76018352	T	0.0707
rs73028311	T	-0.1228
rs7740577	G	-0.0345
rs35119602	T	0.1592

rs115086524	T	0.1069
rs1475069	C	-0.0282
rs169738	A	0.0269
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rs111464978	G	0.1139
rs55816872	G	0.1488
rs12195819	G	-0.0328
rs74804103	G	0.0587
rs17055011	C	-0.1344
rs13216697	C	-0.035
rs112766381	A	0.1585
rs184074	T	-0.0283
rs7745390	G	0.0691
rs9459691	C	0.0426
rs497085	G	-0.0318
rs34374374	C	0.04
rs6910245	C	-0.0289
rs74735168	T	-0.1522
rs2294758	A	0.0271
rs116812356	C	0.0713
rs12190327	A	0.0498
rs7739076	G	0.0263
rs6915253	C	-0.0352
rs77831595	T	-0.0841
rs146349166	A	0.17
rs345723	T	0.0501
rs73568231	A	-0.0703
rs3817758	C	-0.056
rs13213944	C	0.1258
rs62439202	C	0.0903
rs11752246	G	0.0608
rs9459660	G	-0.0293
rs4486014	G	0.1033
rs10458134	C	-0.0412
rs117686854	T	-0.1821
rs115156254	T	-0.0977
rs12206629	T	-0.0297
rs116251618	T	0.1499
rs6568958	T	0.0299
rs11968793	C	-0.0419
rs9472136	T	0.0287
rs114241152	G	-0.0978
rs77096418	A	-0.1368
rs117688004	T	-0.1131
rs834361	C	0.028
rs117414992	A	-0.1635
rs1653097	C	0.05

rs140349825	T	0.0936
rs17799548	A	0.0966
rs6913277	A	-0.0415
rs146390294	C	0.1688
rs150760759	T	-0.1893
rs148924541	T	0.2305
rs17461965	T	-0.1746
rs7744596	G	-0.1072
rs62427297	G	-0.1477
rs1026152	T	-0.0758
rs678705	G	-0.0437
rs111387202	T	0.1496
rs117536381	A	0.1138
rs2516794	C	-0.0304
rs61078652	G	-0.0326
rs62401834	A	-0.2232
rs7766141	A	0.0338
rs62387050	T	-0.042
rs79415097	A	-0.0486
rs60205147	T	-0.04
rs17249399	G	-0.0817
rs1116435	A	-0.0288
rs9448789	T	-0.0769
rs76932775	C	-0.1084
rs11752897	A	-0.1364
rs56357508	G	-0.0877
rs764450	A	-0.0297
rs115437181	T	-0.1419
rs73581825	C	0.0542
rs142085785	A	-0.1297
rs9396281	G	-0.132
rs60119736	A	-0.123
rs3127345	G	0.03
rs79140820	C	-0.1188
rs2328489	G	-0.0318
rs2816907	G	0.0346
rs34308009	C	-0.1163
rs111831326	T	0.1282
rs17059001	G	0.1372
rs76079032	A	-0.0824
rs7761056	C	0.031
rs75908196	T	-0.0782
rs9352784	A	0.04
rs56161613	G	0.0357
rs12527800	A	-0.1023
rs13206199	C	-0.0261
rs992155	A	0.0409

rs76833262	A	-0.0633
rs7742985	C	-0.0341
rs146416114	A	0.1218
rs75304158	G	0.1282
rs35276016	T	0.0637
rs118038583	G	-0.188
rs13215272	T	0.0348
rs235154	T	0.1181
rs72853823	C	0.0835
rs141787754	G	0.1229
rs76563242	A	0.1041
rs9368133	G	0.0323
rs13215360	G	0.036
rs117022147	C	-0.064
rs146383337	T	0.0849
rs117191969	C	-0.1265
rs143355453	G	-0.1423
rs148793909	G	-0.124
rs36092134	A	0.0305
rs9405910	T	0.04
rs9397289	T	-0.032
rs78783051	A	0.1264
rs56405309	C	0.0527
rs72985103	C	-0.1553
rs13196069	C	-0.0293
rs2791526	C	0.0372
rs115934170	C	0.1441
rs72837389	C	-0.0506
rs79602544	T	-0.1844
rs397039	T	-0.0599
rs151093026	T	-0.0984
rs117279957	T	-0.1294
rs116844495	A	0.2178
rs139752133	A	0.1636
rs140119848	A	0.1984
rs35769721	T	0.0596
rs11756089	T	0.0529
rs2813495	G	-0.0626
rs1833461	T	0.0478
rs74762055	A	0.043
rs74556434	C	-0.1472
rs117245225	T	-0.1288
rs777659	A	-0.0301
rs9475723	C	-0.0269
rs12208448	A	-0.0369
rs9399249	G	0.0263
rs4410732	G	0.0308

rs117386492	T	0.116
rs2129211	G	0.0271
rs733985	T	0.0327
rs147486668	A	-0.1804
rs9502656	A	0.1031
rs78091026	G	-0.0679
rs72832539	T	0.1414
rs6571141	T	0.0267
rs1367645	C	0.0548
rs67827672	T	0.0309
rs12208456	T	0.117
rs9402791	C	0.0343
rs77679733	C	0.0745
rs9394877	A	-0.0588
rs76237797	A	0.1676
rs146349001	G	0.1198
rs150251345	C	-0.12
rs150298702	A	-0.2327
rs73736571	T	0.0934
rs9447791	G	0.0288
rs62433150	C	0.068
rs6918655	G	-0.0412
rs62422314	G	-0.0505
rs2019710	G	0.0267
rs148716963	C	-0.1371
rs6915490	A	-0.0663
rs209512	C	-0.0347
rs2143134	A	0.1226
rs138039007	C	-0.1072
rs73602366	A	-0.0721
rs9342624	T	-0.0273
rs72833450	G	0.1698
rs75012252	T	-0.1242
rs559816	C	0.043
rs9397099	G	0.0269
rs75844717	A	-0.1849
rs7748638	C	-0.0312
rs9451014	A	0.0631
rs9296364	C	0.0274
rs11758798	T	-0.0287
rs116966706	A	0.0869
rs118185615	C	0.1321
rs13193748	C	-0.1289
rs60141514	T	0.0757
rs9496200	G	0.1766
rs6903217	C	0.0426
rs113422092	T	0.1832

rs12210959	C	-0.0352
rs9377177	A	-0.0272
rs13218988	A	0.0298
rs2326778	A	-0.0319
rs34902503	T	0.0619
rs75296463	C	-0.0819
rs316349	G	0.0284
rs72894084	G	0.0526
rs9402556	T	0.0507
rs117965562	C	0.2059
rs117734911	T	0.0711
rs117968324	A	-0.1546
rs9384034	T	-0.0846
rs145796387	A	0.1179
rs112444547	G	-0.118
rs10807156	A	-0.0317
rs143534836	G	-0.0858
rs7759040	T	0.0381
rs2050041	T	0.0297
rs546979	G	0.0261
rs13192698	T	-0.0349
rs72893990	C	-0.0853
rs2022330	G	0.0279
rs10947917	C	0.0592
rs9356741	C	0.0278
rs4713011	A	-0.0373
rs76610203	C	-0.058
rs9470843	C	-0.0317
rs113873143	T	-0.1555
rs13197917	G	0.0836
rs78109147	T	-0.0564
rs13196018	T	-0.065
rs118127217	A	-0.1744
rs10946106	T	0.0325
rs4715912	G	0.0343
rs4896416	T	0.1591
rs112896523	T	0.1688
rs4489132	T	0.0339
rs4504494	A	0.0589
rs72967400	T	-0.0423
rs147577133	G	-0.2044
rs72909593	T	-0.0532
rs13217025	C	0.0726
rs2502557	G	-0.1235
rs62427796	A	0.0893
rs1771743	C	0.0265
rs146432781	T	0.204

rs72971882	G	0.087
rs17072881	G	0.0503
rs117496327	A	0.1188
rs2347389	G	0.0278
rs149610253	T	0.1388
rs3778395	T	0.071
rs12209145	G	-0.0417
rs144277946	T	0.1105
rs12204242	A	-0.0276
rs62436839	T	-0.1033
rs34105976	A	0.0689
rs13203110	A	-0.0271
rs111799544	G	0.1268
rs194905	G	-0.0292
rs72883023	T	-0.0703
rs992003	A	0.0255
rs143857717	A	-0.1106
rs72938710	A	0.1637
rs113635267	G	0.1991
rs818234	C	-0.0618
rs142094351	C	0.237
rs208710	G	-0.0339
rs62407065	A	0.2012
rs144721194	G	-0.2301
rs9392751	A	-0.0376
rs72973111	T	-0.0908
rs76485922	A	-0.0702
rs73005452	G	0.1296
rs79928818	C	0.1797
rs596728	G	0.0743
rs74514277	C	0.1699
rs679410	A	-0.0256
rs113059453	C	0.1296
rs12195685	A	0.0465
rs1206684	A	-0.0272
rs11968396	T	0.0751
rs9445435	G	-0.0274
rs79189509	A	-0.0965
rs7768772	T	-0.0406
rs7758822	T	0.046
rs75798921	C	0.0946
rs80015333	A	0.0601
rs72835519	T	0.1282
rs62424630	G	-0.0906
rs522102	T	0.0502
rs12208981	G	0.0616
rs114115853	T	-0.1088

rs111292115	C	0.0845
rs117920115	T	0.1077
rs62414226	T	0.1198
rs55687767	C	-0.0899
rs946236	A	0.0328
rs2346143	T	0.0468
rs12205082	A	0.0784
rs7454978	A	0.0268
rs260262	G	-0.1401
rs72912321	A	0.1226
rs519627	G	-0.0788
rs117671752	T	0.1081
rs76584712	G	0.1169
rs9364987	T	0.0509
rs35003014	G	0.0463
rs7773207	C	-0.044
rs2050390	A	0.039
rs10945638	A	-0.0361
rs144962245	A	0.0944
rs1155391	A	-0.0967
rs2806359	G	0.0311
rs3936066	C	-0.0396
rs72852580	C	-0.1662
rs72982069	A	0.1279
rs72953812	G	0.0648
rs74663579	C	-0.0704
rs149167447	A	0.1627
rs911980	C	-0.0305
rs150098540	G	-0.157
rs77126071	T	0.0441
rs9402590	A	-0.1916
rs11964915	T	0.0375
rs2237143	C	0.0325
rs913500	G	0.0262
rs78815011	T	-0.0655
rs200147	T	-0.0293
rs74632861	A	0.1847
rs972660	A	-0.0678
rs13219016	A	-0.0325
rs150614061	C	0.1123
rs9503549	C	-0.0388
rs541668	C	0.1336
rs79857964	T	0.086
rs72918686	G	0.1087
rs12209443	G	-0.05
rs9405242	A	0.0291
rs10484316	T	0.0551

rs75722055	C	0.1204
rs113091999	T	-0.0871
rs9403943	C	-0.0371
rs9348375	A	-0.0353
rs77318667	G	-0.0688
rs10945340	T	-0.0304
rs7771670	A	0.0361
rs2730879	C	-0.0684
rs76090839	C	0.1453
rs8191711	A	0.0541
rs77870843	T	0.0747
rs74457659	T	-0.0469
rs9465982	C	-0.0269
rs75995195	C	0.0804
rs1004249	T	0.0363
rs116000952	G	-0.0881
rs62414067	A	0.0501
rs3910127	T	0.0262
rs118088779	T	0.1164
rs13218225	T	0.0418
rs113403224	T	-0.0997
rs34105568	G	-0.0306
rs145827565	A	0.0801
rs78335173	G	0.1465
rs12663498	T	-0.0484
rs4710055	C	-0.0323
rs71551049	A	-0.1605
rs144449688	A	-0.0787
rs75124571	A	0.0923
rs2516496	C	-0.0366
rs72934812	G	-0.1133
rs6900714	C	-0.0312
rs10944560	G	0.032
rs72986816	C	-0.0707
rs12214138	C	-0.0921
rs12526493	G	-0.055
rs114249958	T	-0.0601
rs325282	T	0.175
rs6938924	A	0.0308
rs72828474	T	0.0771
rs6928884	G	-0.0282
rs145048989	T	0.1654
rs7767850	T	0.1244
rs144032821	T	-0.0916
rs4870074	T	0.1676
rs13191142	G	0.0282
rs2277122	T	-0.0642

rs1408702	G	-0.0257
rs806967	C	0.1497
rs115096857	C	-0.109
rs10458158	T	-0.0669
rs9469619	G	0.0267
rs115252352	G	-0.1081
rs149735795	T	0.1831
rs75736006	G	0.2185
rs11154337	C	-0.0253
rs62434322	T	0.0486
rs220807	C	0.0296
rs11753974	A	-0.0542
rs4716240	T	-0.0379
rs143924044	T	-0.1154
rs36105216	T	0.1468
rs9363066	G	-0.0334
rs17133185	T	-0.0472
rs10458098	T	0.042
rs12663119	C	0.0269
rs314279	C	-0.0421
rs117813850	G	-0.1305
rs9504407	A	0.1103
rs148861418	T	-0.1513
rs79821177	A	0.1241
rs3799487	A	-0.0274
rs79489282	A	0.0422
rs115170333	C	-0.0706
rs72969120	G	0.1038
rs13195122	G	-0.0443
rs73585947	T	-0.0834
rs534403	A	-0.0298
rs59112287	G	-0.0878
rs2763223	A	0.025
rs72843321	G	0.1447
rs7739014	C	0.0266
rs7754269	C	0.048
rs4254985	C	-0.0293
rs12529287	C	-0.0326
rs2237182	T	0.0312
rs41271265	A	-0.1667
rs117253359	G	-0.1472
rs9369226	A	0.031
rs11757190	G	0.063
rs62402384	T	0.1913
rs13194787	A	-0.0566
rs117974886	T	0.1271
rs149916263	A	0.2264

rs4959165	G	-0.0505
rs12523847	A	-0.0403
rs9345569	T	0.0348
rs7763653	A	-0.0263
rs6458488	A	-0.0261
rs143865469	T	0.1724
rs116132952	T	0.0582
rs138731606	A	-0.1761
rs62422088	G	-0.0821
rs9486212	G	0.0779
rs4548040	A	0.0299
rs62434225	T	-0.0626
rs74435128	A	-0.1088
rs118128194	C	-0.1552
rs2684257	C	-0.0316
rs62423609	A	-0.0891
rs1998402	G	0.0287
rs11751523	T	-0.1475
rs112742256	G	-0.0648
rs80004866	T	-0.1548
rs148363209	A	-0.1066
rs80205892	A	0.1217
rs115832614	C	-0.1287
rs116793067	T	-0.1603
rs4713944	G	0.0294
rs10948107	A	0.0295
rs75520503	C	0.1159
rs9450118	C	-0.026
rs9456745	G	-0.0281
rs72894003	T	-0.0944
rs11758603	A	-0.1292
rs221655	A	0.0472
rs9367880	T	-0.0278
rs79523120	C	-0.1278
rs17079407	C	-0.0335
rs3800052	T	0.0493
rs2841296	C	-0.0386
rs160669	T	0.0338
rs6920024	A	-0.033
rs115221241	A	-0.1515
rs1744401	T	0.0425
rs16875524	A	-0.0942
rs210648	A	0.0265
rs116908047	G	0.186
rs9359692	T	-0.0295
rs9400317	A	0.0372
rs117305571	A	-0.0466

rs117720371	C	0.2039
rs1537648	T	-0.1045
rs62435672	T	-0.0469
rs3127182	G	0.03
rs78343911	C	0.1182
rs78276919	T	-0.1274
rs116490940	T	-0.0465
rs59788088	G	0.1858
rs17056587	T	-0.0989
rs62431949	T	0.1952
rs12206918	T	0.0346
rs76750040	A	-0.1095
rs4635987	A	-0.0419
rs34919380	C	0.0518
rs9486811	A	-0.0421
rs184702	A	-0.0256
rs12192672	A	-0.0285
rs1924672	A	-0.0265
rs142640758	T	-0.1203
rs11960975	A	0.1035
rs141394783	A	0.1198
rs7742367	C	0.033
rs514998	A	0.0301
rs10080782	G	0.0399
rs74834193	G	0.16
rs9394738	A	0.0309
rs73466165	G	-0.0815
rs9480770	C	0.0462
rs78496280	T	-0.1081
rs1327658	C	-0.0295
rs3829966	T	0.0436
rs6458697	G	0.1018
rs76611500	A	-0.0419
rs146872954	A	-0.1708
rs809709	T	0.0667
rs150856119	A	-0.1112
rs55725944	G	-0.0741
rs2181001	C	0.1682
rs72946188	A	-0.058
rs140534836	T	-0.0989
rs117688739	A	0.1137
rs9398296	T	-0.0363
rs72875001	T	-0.0691
rs72985338	G	-0.1526
rs12191131	G	-0.0681
rs73733283	G	0.0634
rs77304534	G	0.1449

rs77830739	C	0.1033
rs1150859	C	-0.0309
rs6941160	A	0.0333
rs9504399	A	-0.084
rs118126013	C	0.1608
rs4538721	A	0.0294
rs9295503	G	-0.0392
rs117690601	A	0.135
rs9488268	A	0.0255
rs80048846	G	0.1648
rs55860916	T	-0.0926
rs7742134	T	-0.0262
rs1333712	T	-0.0337
rs2787863	T	0.0308
rs9470617	A	0.0266
rs2478348	A	0.0266
rs9451249	C	-0.034
rs116887248	A	0.1968
rs7770576	G	0.0514
rs2736191	G	-0.0784
rs3804475	T	0.0993
rs72829890	C	-0.2304
rs72976570	A	-0.0903
rs16878011	C	-0.039
rs6910572	C	-0.0484
rs72864223	A	0.0933
rs117840142	A	0.1848
rs9376782	G	0.0254
rs17860605	T	-0.1427
rs1267718	T	0.0269
rs115650132	G	-0.078
rs11759436	G	-0.0612
rs55969543	A	-0.0494
rs72508445	T	-0.0799
rs145171871	T	0.1619
rs12189839	C	-0.1954
rs17625558	C	-0.0281
rs78413805	G	-0.1184
rs62432923	A	-0.2056
rs72980278	T	0.1303
rs10872467	G	0.028
rs1524094	G	0.0317
rs141298105	A	-0.1477
rs78255807	T	-0.102
rs4707913	C	0.0266
rs552195	G	0.0268
rs9497876	C	0.029

rs732594	A	0.0258
rs10484785	A	-0.044
rs1012614	T	-0.0347
rs9478527	C	0.025
rs116727946	G	-0.1285
rs13202103	T	0.1112
rs78147575	T	0.0836
rs142811849	A	-0.1438
rs77526660	C	0.0709
rs145101359	A	0.1216
rs2072737	A	0.1277
rs520650	T	-0.0424
rs4706267	A	-0.0304
rs4706353	C	0.0287
rs7356971	T	0.0452
rs2473530	G	0.0293
rs2048697	G	-0.0791
rs6570177	T	-0.0614
rs12192005	G	0.1377
rs9389952	T	0.0318
rs4895757	T	-0.1028
rs76841661	A	0.0745
rs12190211	T	0.0969
rs72927679	T	-0.0336
rs75094054	A	-0.2151
rs1753528	G	-0.0515
rs144879235	A	-0.2579
rs6910651	G	0.0482
rs11752282	A	-0.0539
rs12202601	C	-0.0471
rs2268413	C	0.0363
rs488429	C	0.0447
rs293339	A	0.0705
rs76757415	A	0.0971
rs117085260	G	0.0541
rs2499783	A	0.026
rs2343401	T	0.0263
rs72899385	A	0.0789
rs4706286	A	0.0497
rs79555856	C	-0.0584
rs115764614	T	0.1368
rs151082774	G	0.1261
rs76174726	C	0.1386
rs12525069	A	0.086
rs11963727	T	0.0418
rs77787390	T	0.0873
rs7746355	C	-0.0298

rs75495146	T	-0.0826
rs115936553	G	0.1364
rs72928307	T	0.2455
rs7741731	C	0.0345
rs199253	C	-0.0256
rs17755831	A	-0.0689
rs144061592	T	0.1526
rs4376392	C	0.0299
rs34490153	T	-0.0658
rs117088982	T	0.1529
rs149602099	G	0.1124
rs9365333	C	0.0286
rs34976370	A	0.0842
rs164292	T	-0.0264
rs117514503	A	0.1048
rs9396905	A	0.0455
rs75738717	T	0.0493
rs72940140	G	-0.0781
rs3734227	T	-0.0276
rs9378895	T	-0.0367
rs117498596	G	0.2322
rs12202427	T	0.053
rs144783080	C	0.0689
rs80298718	C	0.0749
rs6456184	A	-0.0325
rs2092588	T	-0.1262
rs17682588	C	-0.0464
rs112654316	C	-0.1397
rs220806	T	0.032
rs76055944	T	-0.101
rs851854	C	0.0371
rs6916789	G	-0.0261
rs62427302	A	0.0836
rs12213948	G	0.0252
rs73430420	G	0.0527
rs17700293	C	-0.1031
rs12199102	A	-0.0624
rs10458089	T	-0.0475
rs201059	T	0.0276
rs76161919	T	0.118
rs117540703	T	-0.1156
rs72951358	A	0.1161
rs12204448	T	-0.0276
rs1886237	C	0.0256
rs9383267	A	0.029
rs147466660	T	-0.0871
rs147375668	G	-0.0756

rs879836	G	0.0857
rs9379773	C	-0.0928
rs9296461	T	-0.0256
rs1510296	C	-0.0572
rs578774	A	0.0314
rs4354186	G	-0.0935
rs1042303	C	0.0255
rs76222979	T	0.1553
rs117903444	G	0.0857
rs4896446	C	0.027
rs4286768	C	0.0482
rs34892827	T	-0.1027
rs7750925	G	0.0279
rs75268172	G	-0.0901
rs62440942	T	0.0303
rs74353552	A	0.0627
rs73598152	T	0.0782
rs1923380	G	0.0281
rs1028488	T	-0.0274
rs12203600	A	0.1044
rs116711810	T	-0.1477
rs117499567	T	-0.0755
rs35878453	T	-0.1099
rs113169770	G	0.1184
rs56017032	C	0.0636
rs1340024	A	0.0251
rs35511533	G	0.0692
rs77504727	T	-0.0473
rs117686005	T	0.107
rs9320326	G	-0.0319
rs117197673	C	0.1281
rs62427182	T	-0.2255
rs114172887	T	0.149
rs1742936	G	0.0273
rs58738575	T	0.0449
rs78189219	T	-0.1525
rs11756223	C	0.1749
rs4708457	A	-0.1452
rs9446510	T	0.0399
rs74551974	C	0.0992
rs7761674	G	0.0267
rs147938885	T	0.1328
rs11243308	T	0.053
rs10458214	G	-0.1004
rs74351111	G	-0.0701
rs12660584	G	0.0648
rs12204970	A	-0.0355

rs2064717	T	0.026
rs12663386	T	-0.0676
rs117029258	A	-0.1049
rs76437321	T	-0.0872
rs13204576	A	-0.0447
rs144276244	G	-0.1929
rs75346070	G	0.0608
rs17061980	C	0.0437
rs2206790	A	0.028
rs62386474	G	-0.172
rs146575762	C	-0.1129
rs115578397	G	-0.0619
rs143080784	A	-0.1847
rs13215565	C	-0.0439
rs341120	T	0.0261
rs12214102	G	0.1699
rs17087543	C	0.1456
rs17457033	A	0.1098
rs9452458	G	0.0981
rs9482897	G	0.0463
rs76517316	A	0.2104
rs111797764	T	0.0936
rs3793099	G	-0.0288
rs72556062	G	-0.0658
rs11571907	A	0.1629
rs9450932	T	-0.0575
rs146758088	T	-0.1401
rs6915317	G	-0.1176
rs12197878	T	-0.0833
rs17282486	G	0.0547
rs11756761	G	-0.0706
rs677882	T	0.0384
rs2397084	C	-0.0446
rs1999630	A	0.0451
rs77158231	A	0.2346
rs147340884	T	0.1235
rs6928745	T	0.0308
rs6910588	C	-0.0358
rs9367023	G	0.0448
rs139842749	T	-0.1376
rs9473594	C	0.0256
rs3798502	G	0.0345
rs12203067	A	-0.0271
rs2007513	T	0.0279
rs4708544	A	-0.0255
rs9378628	C	-0.0364
rs55944368	T	0.0543

rs114889417	G	-0.1185
rs667878	A	0.0394
rs35697401	G	0.0549
rs1878474	T	-0.0447
rs113809508	A	0.1076
rs74298291	T	-0.0427
rs75025485	G	0.0699
rs116906662	T	-0.0499
rs225598	T	0.0294
rs2245544	T	-0.0869
rs113778034	A	0.0869
rs72999359	C	0.0707
rs9295070	A	0.0286
rs9383292	C	0.0253
rs10948312	A	-0.0281
rs114530284	C	0.1265
rs12192867	T	0.0349
rs149933495	G	-0.1102
rs116986790	G	0.1987
rs12664966	C	-0.0344
rs76379071	C	-0.0423
rs74650648	T	-0.124
rs4716419	A	-0.0287
rs1350849	T	-0.0309
rs114241659	G	0.109
rs117490467	A	0.0398
rs9463509	A	-0.0703
rs1361250	T	-0.1121
rs72952000	A	0.2245
rs2756310	T	0.0278
rs572618	T	-0.026
rs74431853	C	-0.0798
rs150509868	C	-0.1151
rs932364	T	0.0258
rs12527619	C	0.1065
rs12216323	C	0.0364
rs113713640	C	0.2248
rs75570474	A	0.1399
rs116524264	A	0.1394
rs76196757	A	0.09
rs9350674	G	-0.0341
rs77441054	T	0.1373
rs111993255	C	0.1319
rs448116	G	0.0732
rs76296427	A	0.2094
rs78938408	C	-0.1001
rs78691829	A	-0.112

rs753501	C	0.0718
rs10457622	C	0.0572
rs140215863	T	0.2201
rs7757694	C	0.0406
rs142649634	A	-0.1707
rs4946883	A	-0.034
rs35815032	C	0.0464
rs73577104	T	-0.0296
rs113596345	G	-0.0751
rs142586950	T	-0.096
rs9328424	C	-0.0613
rs117442943	T	-0.1291
rs4714350	A	0.0377
rs12525942	A	0.0717
rs9370222	G	0.0536
rs7768134	T	0.0344
rs7764390	C	-0.0284
rs10457675	C	-0.027
rs12527711	T	0.0322
rs72822638	A	-0.0616
rs260281	C	0.0567
rs486872	T	0.0906
rs6904939	G	0.1545
rs145655884	T	0.1001
rs13211003	A	0.041
rs116538677	C	0.1256
rs74970833	C	0.0905
rs144358253	C	-0.0881
rs1884260	G	0.0254
rs138324910	A	0.0574
rs12664955	C	0.0533
rs1454452	G	-0.1257
rs1775848	A	0.0283
rs139717215	C	0.2032
rs6926406	A	0.043
rs499095	T	0.0645
rs75813914	A	0.1502
rs61738623	G	0.1766
rs55736098	C	-0.126
rs1079153	C	0.1501
rs2817198	G	-0.0322
rs35323107	T	0.1346
rs41329645	T	-0.0483
rs144754163	T	0.1347
rs2184404	T	-0.0265
rs79637224	G	-0.1138
rs4947045	A	0.0539

rs1281989	A	-0.0429
rs78743834	G	0.0704
rs12190821	A	0.0685
rs3899143	T	0.103
rs2270450	T	-0.0276
rs117761418	A	-0.0749
rs10872479	A	-0.0247
rs7765751	T	-0.0357
rs145078743	A	0.1344
rs114951432	T	0.1768
rs142911321	C	0.1379
rs2354223	G	0.0245
rs761589	G	0.0245
rs17072327	G	0.1371
rs9377096	C	0.0245
rs138799654	A	-0.1574
rs148844446	T	0.1049
rs11751308	T	0.0277
rs706983	C	-0.0264
rs9385497	G	0.0393
rs9351099	T	0.0507
rs12214118	G	0.0309
rs553920	T	0.0288
rs148620558	C	-0.1344
rs7753252	A	-0.0251
rs149645488	G	-0.1776
rs2181914	T	0.0637
rs9465438	A	-0.064
rs80160802	C	-0.0772
rs9322466	T	0.0308
rs55817623	T	-0.1521
rs61212666	A	0.0782
rs35446748	G	0.0835
rs62414157	T	-0.2084
rs13203149	C	0.0432
rs79947552	G	-0.0893
rs12195072	C	-0.0384
rs6936357	C	0.1151
rs117443792	A	0.093
rs2465051	G	-0.0314
rs55655549	A	0.1432
rs117345902	A	-0.1224
rs6456268	T	-0.0269
rs10807343	C	-0.0249
rs9454965	G	0.0372
rs75941117	T	-0.0551
rs9398022	G	0.0258

rs34364852	C	-0.0741
rs72850897	T	0.0934
rs11153695	G	-0.0331
rs12661010	G	0.0909
rs34908129	T	0.0282
rs761264	G	0.0314
rs140036576	T	-0.0867
rs55674325	C	0.0993
rs9321908	T	-0.0291
rs77841332	A	-0.1855
rs11242989	C	-0.0902
rs6921521	T	0.0777
rs79494367	A	-0.1192
rs111766406	A	0.1655
rs1018437	C	0.0245
rs112582793	T	0.2049
rs78047683	A	0.1038
rs61020617	T	0.1931
rs1868033	T	0.0598
rs1538741	A	-0.0296
rs62398159	A	0.0247
rs79842528	C	-0.1267
rs7773079	T	-0.1254
rs142544311	A	-0.1313
rs9489310	G	-0.0339
rs35433555	T	0.1464
rs1053657	T	0.0384
rs73028012	A	-0.0342
rs9379881	C	-0.0251
rs2792833	G	0.0252
rs17619477	C	0.028
rs140113386	G	0.1067
rs139352951	G	-0.1331
rs9445162	T	0.0967
rs9388755	G	-0.0831
rs72976125	C	-0.0434
rs10223767	A	0.0373
rs1741740	A	-0.0328
rs113830967	T	0.0466
rs76808173	T	0.0816
rs17165381	T	0.0328
rs5003438	C	0.0301
rs57463781	C	0.026
rs72851396	A	0.1202
rs9357771	A	0.0678
rs58482981	C	0.1161
rs9350145	C	0.0458

rs117609185	A	0.1388
rs1192460	G	0.0673
rs756258	G	0.0348
rs2143435	C	0.0681
rs2498635	T	-0.0289
rs149001409	A	0.1011
rs115970361	T	0.0833
rs56338633	T	0.1212
rs35559591	C	-0.0468
rs9386758	C	0.0902
rs1740391	G	-0.078
rs9478923	A	-0.0894
rs56148603	T	-0.0805
rs72958295	G	-0.1277
rs118160454	T	0.0758
rs3778036	C	-0.047
rs16873750	T	0.0343
rs117933944	G	-0.2219
rs151009732	G	-0.0816
rs145703514	A	-0.0678
rs115601680	T	0.1514
rs533558	G	-0.0256
rs117428900	A	-0.0758
rs445099	T	-0.0245
rs12529720	T	-0.1284
rs2474881	T	-0.0589
rs12208748	C	0.164
rs1884043	C	-0.05
rs7756308	G	-0.0266
rs80334334	T	0.1709
rs111269462	T	0.0706
rs12206105	A	-0.0919
rs116854053	G	-0.0829
rs149641711	C	0.127
rs28362859	C	0.0704
rs114872545	G	0.126
rs75081520	A	-0.1047
rs76640217	G	0.0801
rs79487230	T	-0.0702
rs76114578	T	-0.117
rs117750703	T	0.1002
rs79203373	G	-0.0704
rs9353530	T	0.0353
rs117487548	C	-0.0791
rs1157673	T	0.0297
rs9332739	C	-0.0633
rs35164930	C	-0.0481

rs115392940	G	-0.1781
rs74497537	T	0.1416
rs6571213	A	0.0301
rs117466474	T	-0.1241
rs341100	A	0.0614
rs73029313	A	-0.0476
rs111801092	G	-0.1623
rs9321593	T	-0.026
rs116961316	G	-0.0911
rs2326108	T	0.0307
rs7741210	T	0.0246
rs1334742	G	-0.0509
rs4389767	C	0.0326
rs3857494	T	0.0315
rs1010578	C	-0.0417
rs146063859	A	-0.1666
rs147375849	C	0.0838
rs391116	T	0.0454
rs76917465	G	0.1366
rs1819138	T	0.0491
rs112332078	G	-0.1283
rs74571545	C	-0.1018
rs142603887	A	-0.1024
rs1546295	A	0.1269
rs139930823	A	-0.1086
rs4711688	G	-0.0515
rs79732956	A	0.0782
rs17057971	A	0.0491
rs78377552	A	-0.0854
rs7768498	C	0.1448
rs9393657	A	0.1087
rs4707174	C	0.0264
rs34482073	T	-0.0355
rs59258015	A	0.1221
rs150029778	C	0.1435
rs4897265	G	-0.0546
rs9483364	A	-0.0265
rs9480049	G	-0.0365
rs117142782	T	0.1133
rs4959569	C	0.0266
rs71542803	A	0.0317
rs80292163	G	0.164
rs9344606	T	-0.0352
rs6570212	G	0.1065
rs55879925	T	-0.1201
rs74513734	T	0.132
rs77155695	T	0.0946

rs10484348	C	-0.0253
rs13192566	C	0.0663
rs41270547	T	0.0715
rs117269303	T	-0.1071
rs9389161	A	0.0305
rs148426815	T	0.0642
rs2503808	A	-0.0246
rs9367892	G	0.0241
rs142390964	G	-0.1101
rs145505764	T	-0.1624
rs115983673	C	0.1207
rs79631836	T	-0.1135
rs76913619	G	-0.1544
rs4896142	G	-0.0318
rs113183292	G	-0.0697
rs77366010	C	-0.098
rs12195708	A	0.0251
rs311333	C	-0.1213
rs6557372	A	-0.08
rs231948	A	-0.024
rs114634557	T	-0.154
rs77901469	T	0.1006
rs75062250	T	0.1046
rs9494704	C	-0.0358
rs4267945	G	-0.0301
rs78116090	G	0.1424
rs72944663	A	0.0819
rs13215842	A	0.0388
rs113330361	A	-0.1011
rs9502003	G	-0.0279
rs1223541	T	-0.0301
rs76787405	A	-0.0368
rs150343013	A	-0.0576
rs11759826	A	0.0337
rs12212322	G	-0.0306
rs11961231	T	0.042
rs2814811	A	-0.0238
rs116428991	G	-0.1504
rs77710623	T	-0.0461
rs74847142	T	-0.0804
rs9478187	A	0.0264
rs2325102	G	-0.0265
rs2502052	T	0.0277
rs9460118	A	-0.1302
rs7762265	T	-0.0313
rs146847092	A	-0.2303
rs12195532	T	0.1941

rs7759459	G	-0.0705
rs117298099	A	0.0883
rs3897190	A	-0.0251
rs111551979	A	-0.1523
rs9348511	A	0.0893
rs113689403	C	-0.0408
rs34086921	C	0.0958
rs117342682	T	0.2184
rs141060403	A	0.1056
rs12663346	T	0.0477
rs6906931	G	-0.0455
rs6937783	G	-0.0259
rs9340941	T	0.0607
rs6906255	T	0.0466
rs9356797	G	-0.051
rs77803031	C	-0.087
rs9399099	T	0.0263
rs78448316	A	-0.0404
rs34905593	A	0.1558
rs7773088	A	0.0313
rs115840307	C	0.1389
rs116023803	G	0.0851
rs16877518	C	0.0546
rs7748986	C	0.0616
rs78845160	G	-0.1447
rs4712891	T	-0.0241
rs145348074	G	-0.1896
rs6921813	C	-0.0351
rs114664730	C	0.1773
rs62419018	A	-0.1492
rs12204923	G	0.18
rs79398870	C	0.0432
rs2219900	A	-0.0247
rs9388823	G	0.079
rs78569722	T	-0.076
rs139247086	A	0.09
rs9486503	G	-0.0369
rs117133344	T	-0.0504
rs6934514	G	0.029
rs2064082	T	-0.034
rs9382909	T	0.0988
rs145915312	A	0.1715
rs112143946	C	0.1524
rs9495578	A	-0.0467
rs9458693	T	0.0592
rs4618518	T	-0.0313
rs17813462	C	0.0406

rs17442147	C	-0.07
rs115390893	C	0.0965
rs138015700	G	-0.1311
rs116443688	T	-0.0605
rs7760960	T	0.0245
rs12201082	A	0.0548
rs6908210	T	-0.0567
rs114101672	A	0.1012
rs7740988	A	0.072
rs146479959	T	0.1194
rs115161131	A	-0.0392
rs1555906	A	-0.0261
rs56109946	C	-0.0796
rs4540281	C	0.0301
rs115583461	T	0.1054
rs79764119	T	-0.0401
rs142852510	A	-0.0756
rs147887670	C	-0.1182
rs148176197	A	0.1398
rs6913445	G	-0.0248
rs73012119	G	-0.0385
rs9351064	C	-0.0433
rs13192271	G	-0.1398
rs74641219	A	-0.123
rs111323259	G	0.2102
rs6904241	G	-0.0247
rs11758691	T	0.0502
rs522123	A	-0.033
rs6921201	C	-0.0251
rs7750360	G	0.1564
rs9396681	C	-0.0453
rs9259033	T	-0.0309
rs873690	C	0.0575
rs113311090	A	-0.1539
rs6926520	G	0.0281
rs13205403	A	0.0383
rs13205057	G	-0.1391
rs62426708	A	0.0372
rs117291065	C	0.1411
rs55697625	T	0.0826
rs139399426	T	-0.0532
rs12208562	A	-0.0544
rs7747167	G	0.0238
rs72970257	A	0.0868
rs1033181	A	0.0569
rs61583620	T	0.0415
rs74600361	A	0.1397

rs34804693	T	0.0426
rs117858056	A	-0.0709
rs6934673	T	0.0366
rs72893153	C	0.0431
rs9486817	C	0.047
rs147084482	A	0.1634
rs4530821	A	0.0316
rs34325529	A	0.1523
rs2249425	A	0.0368
rs2299033	G	0.0246
rs6456785	T	-0.0249
rs9885864	C	-0.0849
rs12528308	G	0.0273
rs80029245	G	0.215
rs9479093	G	0.0869
rs16892708	T	0.0419
rs148385307	C	-0.1994
rs116869480	C	0.1072
rs2815154	T	0.0247
rs7771818	T	-0.0304
rs76347216	G	0.1059
rs73538345	A	0.0714
rs150475343	T	0.1367
rs72878444	A	-0.0951
rs117847945	G	-0.1396
rs28661534	T	0.0668
rs140059306	A	-0.1235
rs1929772	G	0.0264
rs117099175	T	0.1401
rs12660977	T	-0.0424
rs1225957	T	0.0596
rs16887812	T	0.0251
rs144743316	C	-0.1778
rs111997666	T	-0.0816
rs4716210	T	-0.0262
rs2950531	T	-0.0241
rs118064549	A	0.1904
rs9378631	A	-0.0295
rs12204232	A	-0.0309
rs2709665	G	0.0429
rs72929193	A	-0.0412
rs116115257	A	-0.0614
rs145793800	C	-0.1618
rs2153543	C	-0.0282
rs80239654	G	0.1742
rs113570791	G	-0.1122
rs12213424	A	0.041

rs62405504	A	0.0578
rs12204115	C	0.0327
rs117847236	G	0.1059
rs62437247	C	-0.1521
rs2073526	G	0.0258
rs137858104	T	-0.1065
rs3823447	A	-0.062
rs62437290	T	-0.1098
rs12529935	T	-0.0438
rs12661678	T	0.0286
rs138483567	A	0.1175
rs9401499	C	0.0378
rs2753147	C	0.0409
rs57344122	A	-0.0808
rs12526530	A	0.0642
rs150019660	T	-0.1567
rs12200580	T	0.0325
rs142852789	A	0.2318
rs12529779	G	-0.0301
rs112272912	T	0.1579
rs113892814	A	-0.2428
rs72933577	C	0.0729
rs78028054	G	0.0347
rs114287729	G	0.139
rs77537878	A	0.148
rs16880966	G	0.0363
rs16882185	G	0.0273
rs112516091	G	0.121
rs77994021	T	-0.1576
rs140380083	T	0.1451
rs147657480	C	-0.1568
rs3800065	A	0.0291
rs114996888	C	0.1378
rs12528076	T	0.1291
rs113854936	A	-0.0497
rs1124161	C	0.0254
rs79185180	A	-0.0505
rs582559	T	-0.1137
rs116333817	A	0.0917
rs1581045	C	0.1176
rs74613567	A	-0.1053
rs4994273	A	0.0291
rs6921376	G	0.0246
rs12661503	A	-0.1375
rs116729051	A	0.1789
rs4355617	T	0.0616
rs62405959	T	0.054

rs72907491	G	-0.0385
rs6935143	C	-0.1077
rs116353880	G	0.1336
rs55875823	T	0.0983
rs145716387	T	0.111
rs1382818	A	-0.0256
rs114058754	G	0.1941
rs138262121	C	0.1328
rs12197495	C	-0.1208
rs6921324	T	-0.0618
rs9489175	A	0.0573
rs112024728	T	-0.1417
rs77703740	C	0.1337
rs465969	A	0.041
rs149889395	T	0.085
rs17060390	A	-0.0693
rs2317616	A	0.0799
rs9356787	T	0.12
rs2024762	C	-0.0608
rs2036039	C	0.0351
rs73775562	A	-0.0374
rs140269555	C	-0.0893
rs6930157	T	0.0266
rs2819081	C	-0.0286
rs74592687	A	-0.0399
rs60167914	A	0.0401
rs35514877	C	0.1134
rs4709692	T	-0.0295
rs58195830	T	-0.0342
rs112950689	C	0.1193
rs577824	T	-0.0241
rs35134930	A	-0.1249
rs2269564	T	0.0254
rs6458318	G	-0.0371
rs76265077	G	-0.0706
rs12213120	C	-0.09
rs6570846	A	0.0316
rs12193939	A	-0.0322
rs56398248	C	0.0588
rs72977002	A	0.1598
rs115138709	C	-0.0905
rs6569936	A	0.0254
rs112832771	G	0.0839
rs2179646	C	0.0701
rs140539606	A	-0.0467
rs73012513	C	-0.0982
rs142628975	G	0.0843

rs74498411	C	-0.0785
rs75770797	C	0.0603
rs141902412	G	0.0698
rs73027025	A	-0.1069
rs11242955	G	0.0235
rs4429934	C	-0.0979
rs542023	T	-0.0788
rs75669677	T	0.0953
rs9397972	A	-0.0537
rs9369749	C	0.0475
rs6935885	C	-0.0345
rs866165	G	0.0468
rs1963096	A	-0.0465
rs144883634	G	-0.0547
rs144057459	A	0.1511
rs147689002	A	0.1183
rs144363421	C	-0.1622
rs142340573	C	-0.1436
rs9321270	A	0.0307
rs9379332	C	0.0376
rs34845395	T	-0.0639
rs118113693	C	0.143
rs75456009	G	-0.0466
rs10046352	T	0.0702
rs112647602	A	-0.0411
rs151106078	A	0.0873
rs2205682	T	0.0256
rs117626189	G	-0.1309
rs9364974	T	0.0253
rs12209898	C	-0.0415
rs2500088	C	-0.0561
rs75089429	T	0.0493
rs73021179	C	-0.0761
rs9458931	A	-0.0373
rs73771895	A	-0.112
rs1652483	T	-0.0305
rs11760185	C	0.0714
rs9375613	T	-0.0311
rs673806	T	-0.0361
rs1475251	G	0.025
rs713383	A	-0.0281
rs12190534	T	0.03
rs111779938	A	-0.0862
rs9356821	G	-0.0251
rs6932524	T	0.0271
rs9477037	A	0.0336
rs11751686	A	0.1478

rs910529	A	0.0455
rs203134	C	0.0266
rs34038602	T	-0.0334
rs13362590	T	-0.0811
rs9490678	A	-0.0262
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rs7744915	T	0.0361
rs35033794	T	-0.0965
rs72869204	T	-0.0507
rs10484585	C	-0.1053
rs41302049	A	0.1513
rs998318	G	0.0257
rs12524697	A	-0.0562
rs1328479	C	-0.1348
rs140697867	A	0.1688
rs35705010	T	-0.1378
rs1812988	C	-0.0263
rs1524738	G	0.0242
rs12215322	C	0.0401
rs118131869	T	-0.1494
rs113852683	T	0.093
rs34978340	T	0.0688
rs13212680	C	-0.0644
rs9479822	G	0.0299
rs1246934	T	-0.027
rs706867	T	0.0276
rs12529004	G	-0.0678
rs75883108	T	0.0761
rs280327	T	0.0564
rs9459734	C	-0.05
rs13197896	T	-0.0267
rs2083315	C	-0.0421
rs11757806	C	-0.0352
rs2787746	T	0.0318
rs2210968	A	0.0283
rs7746111	A	-0.0333
rs77568507	T	-0.0668
rs270049	T	0.1887
rs71569456	C	0.0493
rs1764047	C	0.0275
rs150833	T	-0.0739
rs6921990	C	-0.029
rs10901038	T	0.0268
rs74588797	T	0.0797
rs9444258	A	-0.0417
rs78817076	G	-0.1521
rs78634420	T	-0.0804

rs6903627	T	-0.0323
rs9295754	G	0.0278
rs6911008	T	0.0465
rs16881502	G	0.095
rs79681478	T	0.0829
rs6454706	T	0.0496
rs4535571	T	-0.0353
rs1026901	G	-0.0247
rs7762563	T	0.0378
rs140413692	G	-0.1313
rs637886	C	-0.0781
rs145598019	G	-0.143
rs55864988	C	0.0258
rs146003962	A	-0.1586
rs139707110	G	-0.1619
rs111616983	T	0.1474
rs35603779	A	0.0922
rs1269287	C	0.0288
rs139909955	A	-0.1285
rs11153022	C	0.0263
rs4896972	G	-0.048
rs2171249	C	0.0624
rs79446103	A	0.063
rs66570903	C	0.0263
rs12529944	T	-0.0406
rs111262506	A	0.1649
rs2290340	C	0.025
rs62402795	C	0.0749
rs74851838	C	-0.1046
rs73001652	C	0.0559
rs72994644	G	0.1094
rs763598	A	-0.0254
rs9461944	C	0.0789
rs146669089	C	-0.0963
rs115480347	T	0.1563
rs4706308	G	-0.0262
rs9460322	A	-0.0483
rs497051	A	0.0304
rs12213261	A	-0.0909
rs794673	G	-0.0475
rs138048851	T	-0.1242
rs12195092	A	-0.0811
rs79495151	C	0.1169
rs9469640	G	-0.1099
rs79135883	T	-0.0621
rs9373030	C	-0.0244
rs60084677	C	0.0298

rs62434710	C	0.122
rs2627229	C	-0.0349
rs442629	A	-0.024
rs3024439	T	0.0379
rs9504935	G	0.0572
rs77580093	G	0.0707
rs12199272	A	-0.0272
rs72853756	T	0.0643
rs149127208	A	-0.1207
rs176765	C	-0.0254
rs116853915	C	0.125
rs58457955	A	-0.0589
rs75815315	A	-0.1808
rs116048542	C	-0.0927
rs112039550	C	0.039
rs77723571	G	0.1554
rs4489183	G	0.0338
rs6902050	G	0.0426
rs1334969	A	-0.0827
rs11967219	T	-0.0365
rs7748353	G	0.0404
rs79916412	T	-0.0867
rs41302899	T	-0.1568
rs2233969	G	0.0323
rs7769202	C	-0.0257
rs12529038	G	0.0411
rs111754540	A	-0.0445
rs150155292	C	-0.1196
rs62416354	A	-0.0799
rs77359095	C	-0.1017
rs9689465	T	0.0286
rs1475343	T	-0.0259
rs9654641	G	-0.045
rs13202954	A	0.077
rs144331500	A	0.0341
rs62453684	A	-0.096
rs16875267	A	0.1317
rs117956049	T	-0.1258
rs1336534	T	-0.0258
rs117035303	C	-0.1139
rs72912690	T	-0.0463
rs117448535	G	-0.2013
rs142978192	A	-0.1076
rs78389894	T	0.0566
rs12661009	C	0.0329
rs2223793	T	-0.0504
rs76223132	C	0.0706

rs6920224	C	-0.0407
rs77965231	G	0.0981
rs112895306	A	-0.0991
rs61492526	G	-0.0494
rs4714077	A	-0.0651
rs149644372	T	0.1122
rs7766238	A	0.0413
rs117681387	T	-0.1462
rs1535949	A	-0.0274
rs145763533	A	0.1497
rs1591387	C	0.0914
rs2874787	T	0.0315
rs112257183	T	0.1191
rs13208043	C	0.0691
rs149268659	A	-0.1184
rs116550754	A	-0.0915
rs6934908	C	0.0263
rs4380756	A	0.0276
rs2295003	C	-0.1523
rs138908509	A	0.1459
rs1032140	G	-0.0243
rs7759056	A	-0.0318
rs56200744	A	0.035
rs62421041	T	-0.0624
rs75403651	T	0.1209
rs9378365	T	-0.0268
rs12204730	G	-0.1193
rs72989684	G	-0.1601
rs9478949	G	-0.0245
rs78730289	G	-0.1106
rs142520959	C	0.1485
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rs13196685	C	-0.0515
rs1084051	T	-0.0385
rs7744854	C	-0.0475
rs34006826	A	-0.038
rs12529369	A	-0.0429
rs117587475	A	0.1414
rs72992165	C	0.0871
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rs9351695	C	-0.024
rs111793227	T	-0.0358
rs117220641	T	0.0675
rs79634517	G	-0.1481
rs62402216	G	0.1139
rs9322290	C	-0.0542
rs1998620	A	0.024

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rs146253696	A	0.2118
rs9398163	A	-0.0316
rs73029582	A	0.2091
rs9379997	A	-0.1561
rs139820499	C	-0.0875
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rs74629262	C	0.1295
rs6459511	A	0.0366
rs9366430	A	0.1149
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rs113265288	T	-0.0437
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rs35776683	A	-0.0246
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rs117114723	T	-0.0866
rs117906718	A	-0.0651
rs4711092	T	0.0247
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rs147005885	A	-0.0723
rs74835003	G	-0.1094
rs149819578	T	-0.0578
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rs17592687	A	0.1378
rs1324520	T	-0.034

rs9454581	T	0.0441
rs60172093	G	-0.0247
rs72857753	A	0.0533
rs113321160	A	0.1013
rs9458876	T	0.0358
rs141031807	T	-0.1617
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rs117366665	T	-0.1343
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rs146186562	G	-0.1495
rs75383429	C	0.1249
rs17452374	T	0.1889
rs77862476	C	0.0955
rs13195295	T	0.044
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rs7452521	A	0.0928
rs17058033	C	0.0514
rs760674	A	0.0535
rs10946345	C	-0.027
rs76906845	T	-0.1348
rs533452	A	0.0244
rs60345306	T	-0.0608
rs9451722	A	0.0356
rs234405	A	-0.0245
rs62425031	C	0.0272
rs210146	G	-0.0234
rs9502953	A	-0.0651
rs649278	G	-0.0274
rs1929770	A	-0.0231
rs143039758	C	-0.0738
rs116343230	A	-0.0967
rs77116795	C	-0.0635
rs6926300	A	-0.023
rs1867348	T	0.0431
rs71570705	G	-0.063
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rs10807494	G	-0.0232
rs72932747	T	-0.0743
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rs77916869	G	0.1517
rs112380321	A	0.1942
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rs17614675	A	-0.0305
rs113221085	C	0.0582
rs7768487	T	-0.0657

rs72869081	T	-0.1596
rs9346956	T	0.0264
rs17164920	G	-0.1442
rs7770731	C	0.0289
rs6900694	T	-0.0632
rs55933828	T	0.0265
rs9379729	T	0.0328
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rs73373942	T	0.0375
rs9502622	T	0.0376
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rs75358650	A	0.0893
rs4598080	C	0.0402
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rs658262	A	0.1059
rs72956169	A	0.0847
rs113269121	A	-0.0651
rs115462783	G	-0.0866
rs142560408	C	0.1645
rs117517417	A	0.158
rs72926591	T	-0.219
rs12525992	C	-0.0363
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rs113875218	T	-0.0294
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rs139037649	A	-0.1854
rs117511082	A	-0.1658
rs3804117	A	0.0323
rs2812152	G	0.0256
rs72960556	G	-0.0865
rs78595707	A	-0.2127
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rs74356029	A	0.0646
rs76497931	A	0.0623
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rs75781704	C	0.1242
rs807901	G	0.0408
rs12192259	T	0.0309
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rs3813375	A	-0.165
rs6919243	C	0.0255

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rs6900406	T	0.029
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rs34688926	T	-0.0496
rs17053540	T	0.0327
rs6458351	T	0.0414
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rs7770507	G	0.0246
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rs648927	A	-0.0677
rs9404549	A	0.0343
rs77657592	C	-0.1024
rs11963639	T	-0.032
rs67703914	T	0.1701
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rs3777811	G	-0.0407
rs77600992	C	-0.0702
rs150354697	T	0.0851
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rs145867090	T	0.0989
rs117739175	A	-0.1057
rs147221758	T	-0.1896
rs1321473	G	-0.0234
rs140158212	C	0.114
rs381952	C	0.0259
rs4379275	T	0.0243
rs12110686	G	-0.0502
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rs11154851	T	-0.0679
rs114614811	C	0.0883
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rs117204267	G	0.1183
rs7743439	G	0.0296
rs144543565	C	0.1301
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rs111405966	A	0.1351
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rs1185719	G	0.0254

rs441745	A	0.0352
rs12216196	G	0.0233
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rs138083068	G	-0.1294
rs75182331	A	-0.1591
rs72835315	C	-0.0578
rs6457942	T	-0.0233
rs12192747	G	0.1018
rs138096353	T	-0.0979
rs73003158	A	0.1123
rs149320012	G	0.099
rs6923303	C	0.0547
rs2206330	G	-0.0247
rs118033332	G	-0.1469
rs112839059	G	0.1156
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rs6455096	T	0.0354
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rs113032094	C	0.0814
rs115820082	G	0.0796
rs12202610	A	0.1937
rs114873993	T	0.1242
rs9345436	A	-0.031
rs9495271	A	-0.0428
rs1555375	G	0.0256
rs138573813	C	0.0931
rs875590	A	-0.0275
rs16899900	C	0.0896
rs138750655	C	0.1129
rs4599622	C	-0.0269
rs62438513	C	-0.1011
rs9276815	T	-0.0258
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rs2446256	A	-0.0229
rs13193545	C	-0.0297
rs62429660	T	-0.0398
rs73786690	T	0.0553
rs9369202	T	0.0713
rs137925571	T	-0.1669
rs6910997	C	-0.0339
rs73726918	A	0.0892
rs17795818	G	0.0802
rs76893487	C	-0.0319

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rs12662518	T	-0.0284
rs758398	T	0.0325
rs140378210	G	0.1652
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rs112879458	T	-0.1618
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rs2161972	T	0.0239
rs79287287	T	-0.0624
rs72938831	G	0.085
rs118172736	A	0.1322
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rs149255008	A	0.062
rs72994226	T	-0.1045
rs73022592	C	0.0692
rs112494811	C	-0.0758
rs78194975	T	-0.11
rs17135958	C	0.0523
rs34058293	T	0.1678
rs116995534	T	0.087
rs4946124	A	-0.0393
rs143578458	A	-0.1283
rs7773884	G	0.0237
rs6900980	T	0.0306
rs148633421	A	-0.0844
rs34414694	A	-0.0738
rs2014208	C	0.0239
rs6926138	C	-0.0237
rs9442941	T	0.0279
rs2569825	C	0.0452
rs12203547	C	0.0908
rs115775486	C	-0.1074
rs72836428	G	0.1355
rs9492816	A	0.0248
rs16892989	G	0.2062
rs62388697	T	0.0857
rs62395842	T	-0.132
rs13196991	G	0.0316
rs111468783	A	0.0287
rs111527197	T	0.0919
rs77239935	T	0.1344
rs9383399	G	0.0274
rs144073536	A	-0.1571
rs140575290	A	0.0974

rs619598	T	0.0644
rs10949323	G	-0.0791
rs7750646	T	-0.0378
rs9452272	G	-0.0531
rs7766904	C	-0.0306
rs807836	C	-0.0234
rs149245164	A	-0.1269
rs9462518	T	0.1062
rs56882294	T	-0.0566
rs66765303	G	-0.0319
rs9384268	A	0.049
rs2504796	T	-0.0237
rs11961630	A	0.0905
rs4895792	C	-0.0357
rs11242796	A	0.0364
rs111434016	A	0.1549
rs34637212	G	0.1469
rs859983	A	-0.0231
rs141686851	C	-0.1525
rs77417335	C	-0.0745
rs2072022	T	0.0847
rs9456047	T	-0.0389
rs56073887	G	0.1074
rs6922630	A	0.024
rs4712798	C	-0.0253
rs11153501	C	0.0374
rs7757124	C	0.0289
rs7749563	C	0.0292
rs4870351	T	0.0367
rs4714562	T	-0.0283
rs6899348	G	0.1206
rs556613	A	0.0251
rs2008783	A	-0.0296
rs117185897	T	-0.0736
rs143328175	G	-0.0659
rs3763172	C	0.0254
rs7753079	A	0.0495
rs117092488	G	0.1593
rs2744105	C	-0.037
rs2492928	C	0.0285
rs6921076	G	0.0291
rs61250961	T	-0.0321
rs11155364	A	0.0354
rs7758228	C	0.0272
rs77376788	G	0.1144
rs112535790	T	0.2155
rs12201836	A	0.0268

rs2078064	A	-0.0478
rs10498677	G	0.0439
rs77744142	T	0.0414
rs806488	A	0.086
rs816377	A	0.0248
rs10485427	G	-0.0251
rs117648760	G	-0.1462
rs71574981	A	0.1074
rs12210350	G	0.0272
rs78611727	G	-0.0633
rs4642520	C	0.0356
rs6941907	A	-0.0255
rs116109127	A	0.0988
rs1205510	A	0.0262
rs145691963	C	0.1772
rs9344218	T	0.0237
rs12204950	C	-0.0366
rs2353038	C	0.0253
rs9482462	C	-0.117
rs11465553	T	0.0793
rs75218721	G	-0.0746
rs150883323	G	0.1469
rs72949824	A	-0.1392
rs13212292	C	0.0337
rs12523668	G	0.0457
rs115716958	T	0.083
rs11964305	T	0.1586
rs117257765	A	0.0736
rs112686732	A	-0.0448
rs117615018	A	-0.1383
rs114068063	T	0.0696
rs1034070	T	-0.072
rs72928451	A	0.0825
rs78600213	C	0.107
rs2242299	C	0.0301
rs1723519	C	-0.0237
rs2207224	A	-0.0261
rs171033	T	-0.0253
rs2852532	G	0.0508
rs6901858	G	0.0255
rs150517499	T	0.186
rs74591725	A	-0.0918
rs160601	T	0.0462
rs138982658	G	-0.2183
rs80150024	C	0.0628
rs9371497	A	-0.0267
rs72912047	C	0.0917

rs150790861	A	-0.1497
rs7765774	G	0.0223
rs6939369	A	0.0411
rs62420176	G	-0.0926
rs117675669	A	0.0708
rs117101311	T	0.0854
rs146987124	T	0.1646
rs74344035	A	0.1956
rs6455738	A	0.0231
rs6940413	C	-0.0346
rs117202633	G	0.1746
rs34119039	T	-0.0866
rs10485417	T	0.0701
rs7750211	T	0.041
rs150010965	T	0.1083
rs139986569	T	-0.1583
rs35776718	A	0.0337
rs720170	T	-0.0423
rs12191883	C	-0.0248
rs141843605	T	0.2006
rs73370671	T	-0.1343
rs149987181	A	-0.0733
rs140085949	G	0.1079
rs9502352	G	-0.0357
rs77729056	C	-0.0664
rs56391337	T	-0.0691
rs149657771	C	0.1213
rs62424286	A	0.0495
rs12202023	C	-0.0288
rs115736195	A	0.0524
rs10456655	G	-0.0357
rs9362867	G	0.0251
rs116841476	T	0.0928
rs564911	A	-0.0407
rs3798531	A	-0.1169
rs10085363	G	0.033
rs78104861	A	0.0825
rs118078855	A	0.0852
rs172660	C	-0.0489
rs75224034	C	0.0965
rs12215567	C	0.0509
rs9394792	A	-0.0623
rs4707600	G	-0.046
rs12201692	T	-0.0822
rs139125503	C	0.1395
rs486470	A	0.0345
rs4708531	T	0.0315

rs17570917	A	-0.0646
rs113090976	G	-0.0884
rs80131465	G	-0.1349
rs72962492	G	0.0868
rs7773220	T	0.029
rs1794849	T	0.0304
rs1204338	A	0.0227
rs2143830	G	0.0227
rs12192909	T	-0.0289
rs12661085	C	0.0279
rs79151326	A	-0.0646
rs9484743	C	-0.0729
rs78289332	A	0.0481
rs13207719	T	-0.0239
rs114138513	A	0.088
rs62422204	A	0.075
rs6906375	G	0.0243
rs1382814	C	-0.023
rs28746833	A	0.033
rs6926599	A	0.0753
rs73736330	T	0.0582
rs115358581	G	0.0858
rs75477838	T	-0.0495
rs138076889	A	-0.1835
rs11753485	G	0.0247
rs55709292	G	0.18
rs116140172	A	-0.0496
rs6915415	C	-0.0253
rs35296992	G	-0.1389
rs11751997	G	0.0533
rs7738600	C	0.0971
rs62430677	T	0.0573
rs6927982	G	-0.0245
rs9379195	C	-0.1118
rs4998124	A	-0.0731
rs79549818	C	0.0693
rs78829749	T	-0.1728
rs17084781	A	0.0843
rs13217471	T	-0.0854
rs9364183	A	-0.0903
rs76618312	T	0.1015
rs1925458	T	-0.0368
rs4998072	G	-0.0341
rs9373688	C	-0.1638
rs142603604	C	-0.122
rs9482178	A	-0.0256
rs34656248	G	-0.1159

rs142666971	T	-0.0875
rs13207742	A	-0.0314
rs112711879	A	0.0716
rs730860	A	-0.0284
rs1328708	C	0.0298
rs78656481	A	-0.1046
rs6911374	A	-0.056
rs78400456	C	0.0836
rs141886990	C	-0.0989
rs4960330	G	0.0249
rs76010139	A	-0.0781
rs1049846	T	-0.0242
rs79691360	G	0.1568
rs13194166	C	0.0344
rs1929089	C	-0.0316
rs139993175	T	-0.0998
rs1934792	A	0.0231
rs2675737	G	0.0248
rs1744856	A	-0.0303
rs12201134	G	0.0256
rs9367540	T	0.0278
rs12212188	T	-0.0301
rs2180107	A	0.0839
rs73017164	G	-0.0495
rs11760203	C	0.1406
rs62408382	A	-0.0635
rs220944	C	0.038
rs6925319	T	0.024
rs76468593	A	0.1409
rs145818000	A	-0.0559
rs117218887	C	-0.1017
rs150164834	G	0.1426
rs139805399	T	-0.0784
rs499374	A	0.023
rs9375094	T	0.1098
rs12525348	T	0.0833
rs7763454	G	-0.0236
rs7750365	G	0.0228
rs141554023	A	0.0999
rs13197038	G	0.0295
rs114433798	T	0.141
rs4392689	T	-0.0301
rs2248046	C	-0.0298
rs6927246	T	-0.0822
rs34917732	C	-0.0501
rs9397689	C	-0.0248
rs4711634	G	0.0222

rs41286236	T	0.1569
rs17318151	G	0.0939
rs114074527	C	0.0928
rs292247	C	0.0319
rs117847613	C	-0.1135
rs115574767	A	0.1093
rs72835688	T	0.0733
rs72863201	C	0.0459
rs2895612	G	0.0245
rs76064370	T	-0.0903
rs11969660	T	-0.0385
rs9383281	T	-0.0329
rs150833665	T	-0.103
rs117969642	G	0.1705
rs12201279	T	-0.0263
rs140369053	G	-0.231
rs139020319	A	-0.1307
rs4566921	T	-0.027
rs151657	C	0.0221
rs77617208	A	0.0617
rs73025103	T	-0.1318
rs55796317	T	-0.1333
rs139055819	T	0.1471
rs936497	G	-0.0375
rs142280280	A	0.1772
rs56932539	T	-0.0876
rs2095773	A	0.1698
rs12529678	T	0.0381
rs117809840	T	0.1489
rs7760247	A	-0.0254
rs141574720	G	-0.1144
rs112795201	A	0.1245
rs11153311	G	0.0336
rs199133	T	0.0532
rs1342005	C	-0.0389
rs11755957	A	0.0933
rs196669	C	-0.0262
rs41288570	A	0.1124
rs79997548	A	-0.1541
rs149700674	C	-0.0926
rs1394235	G	-0.0313
rs145221006	A	0.08
rs115125095	A	0.1382
rs111749531	C	0.0639
rs9398066	A	-0.1125
rs35701911	G	0.0872
rs9457500	T	0.0859

rs116539774	A	0.1262
rs11154022	A	-0.0238
rs12197827	A	-0.1956
rs57178058	T	-0.0353
rs1285057	T	-0.024
rs76920525	G	0.0557
rs234411	T	-0.0373
rs10947356	A	0.0617
rs115308106	A	0.1
rs145877894	T	0.1149
rs78264783	T	0.1115
rs1286041	C	0.0332
rs144744272	G	-0.1373
rs11153046	A	0.0321
rs17207986	C	-0.0532
rs148409932	C	-0.0951
rs75795218	G	0.1031
rs73785450	C	0.0753
rs116078111	G	0.0479
rs76154834	A	-0.1128
rs12212010	G	0.1144
rs803455	A	-0.0446
rs13218434	T	-0.0344
rs2038066	T	-0.0287
rs10499061	T	-0.0462
rs2506728	C	-0.0655
rs78051094	C	-0.0654
rs7757144	G	0.0228
rs62395343	C	-0.0657
rs9767795	A	0.0348
rs115128769	A	-0.1173
rs910244	A	-0.0243
rs79666295	T	0.1696
rs9347598	G	0.0392
rs9396857	T	0.0251
rs73433414	A	0.0736
rs34550542	A	-0.0246
rs117563628	A	-0.1041
rs71573202	C	-0.0967
rs117894788	G	-0.0947
rs4275069	T	-0.0333
rs11966074	G	0.0313
rs114326829	G	-0.0747
rs145046593	A	0.1142
rs9294275	T	0.0395
rs1321308	C	-0.0225
rs117094924	C	0.107

rs9365544	C	-0.0249
rs10947742	A	0.0651
rs11752082	A	0.0969
rs78762426	A	-0.0643
rs114944794	G	0.1464
rs9459053	A	-0.0245
rs117174708	A	-0.1246
rs9455680	T	-0.042
rs9501873	G	-0.0229
rs17249378	T	-0.0224
rs7747449	C	0.108
rs62436763	C	-0.0489
rs12194492	A	0.1259
rs9478760	T	-0.029
rs9397340	T	0.0296
rs146895232	C	-0.1454
rs6924289	C	-0.0324
rs6939645	C	-0.0574
rs139915313	G	-0.0886
rs6911503	A	0.0539
rs1112062	G	-0.031
rs4533956	A	-0.1628
rs72925500	G	-0.1065
rs2758305	T	0.1015
rs9370893	T	-0.025
rs9379892	G	-0.0273
rs9447985	G	0.0254
rs117547578	G	0.1983
rs6930628	A	-0.077
rs150562760	C	-0.1258
rs111320577	A	-0.0861
rs73450950	G	0.0421
rs17737566	C	-0.0865
rs17436349	C	0.0922
rs7751482	A	0.0388
rs12201453	C	-0.0334
rs7763873	A	-0.071
rs6930022	A	-0.0233
rs6933203	A	0.0235
rs1254731	A	0.0244
rs4712032	G	-0.0231
rs79346915	T	-0.0921
rs113272923	A	-0.132
rs139089467	G	-0.0424
rs116547170	C	0.1122
rs11758985	T	0.0587
rs1370132	C	0.034

rs660081	C	-0.0296
rs7749165	T	-0.029
rs1407211	A	-0.0229
rs12203695	A	-0.027
rs354399	A	0.144
rs117865019	G	-0.0987
rs11154704	A	0.0332
rs56014011	T	-0.0765
rs6569128	T	-0.025
rs4714598	G	-0.0248
rs114722093	T	-0.1553
rs117625888	G	-0.123
rs112638117	G	0.0889
rs138426241	T	-0.1754
rs6919462	G	0.0576
rs62418822	G	0.0577
rs6908578	T	-0.0322
rs9490953	G	0.0856
rs11154723	G	0.0325
rs9402889	G	-0.0369
rs113431178	A	-0.0607
rs114884732	C	-0.1225
rs62417280	T	0.0894
rs4479904	T	-0.0244
rs56740201	C	0.0391
rs76039115	G	-0.1736
rs150537370	A	-0.1584
rs12197284	T	-0.0437
rs117341910	A	0.0961
rs9346687	T	-0.0636
rs1342058	T	0.0487
rs6911288	G	0.029
rs151307515	T	0.1328
rs12198184	A	0.03
rs515975	G	-0.0226
rs13219726	C	-0.0245
rs77945001	T	-0.0793
rs111785908	T	-0.0821
rs1038304	A	-0.0219
rs6557420	T	-0.0309
rs9346979	T	0.0229
rs78178560	T	0.1221
rs9371507	T	0.0555
rs149502929	T	-0.1347
rs10456424	T	-0.0262
rs12196775	T	0.0829
rs145099817	A	0.0993

rs75008412	A	-0.1124
rs118051512	T	-0.1236
rs7757960	A	0.1221
rs76502314	T	0.0435
rs6571142	C	0.0269
rs7743799	A	0.0343
rs116956435	A	-0.1139
rs78397089	A	0.1242
rs6910382	C	0.0292
rs11758513	A	0.1267
rs11756169	G	0.0339
rs10080774	A	-0.0339
rs9462844	G	0.0284
rs6918798	A	0.0229
rs314266	C	-0.0228
rs783190	G	-0.0329
rs9457557	A	0.0716
rs145416913	T	-0.0554
rs9364212	T	-0.0279
rs56272524	G	-0.1056
rs148739977	T	-0.1568
rs3800376	C	-0.0919
rs113663673	T	-0.1324
rs111694554	C	0.1724
rs76155224	A	-0.0738
rs34010141	G	-0.0482
rs59136952	A	-0.1715
rs56327608	C	0.1042
rs77350304	C	-0.1245
rs72906423	T	0.0771
rs117386155	G	-0.097
rs1418706	G	0.0311
rs6937889	A	0.0297
rs9456363	T	0.0246
rs2280612	C	0.045
rs9379038	C	-0.0299
rs77937097	A	-0.0419
rs7745912	T	0.035
rs117833626	G	0.1115
rs11751921	C	0.0259
rs60369726	C	0.0538
rs78745230	T	0.1458
rs7449864	T	-0.1295
rs9885797	T	0.0644
rs505148	G	0.0582
rs12195897	G	0.1157
rs148216304	C	0.214

rs4129313	G	-0.0219
rs7746540	A	-0.0226
rs12198275	G	-0.0219
rs114653095	C	-0.1251
rs9357240	A	0.023
rs17067435	A	-0.0653
rs75054201	T	-0.1269
rs141351662	A	-0.1467
rs9800782	T	0.1263
rs116530969	T	0.1835
rs79441354	A	-0.0753
rs17812916	A	0.0402
rs1894660	T	0.0415
rs2636353	T	0.0346
rs16874625	C	-0.0719
rs4574651	T	0.0238
rs6458155	C	-0.0278
rs72877933	T	0.0795
rs4896970	G	-0.1539
rs9503199	A	-0.0226
rs117056302	A	0.1627
rs113478855	C	0.0448
rs149631868	C	0.0681
rs1267840	T	-0.027
rs72974638	T	-0.0909
rs75142754	G	0.0863
rs11155980	A	0.0326
rs6456280	A	0.032
rs62414043	C	0.1427
rs78537086	C	0.0887
rs113416887	T	0.0676
rs75300464	C	-0.0642
rs4708880	C	0.0256
rs55953126	T	-0.0413
rs7772880	C	0.0328
rs117010499	C	0.0877
rs17052989	T	0.0439
rs62426087	C	-0.0894
rs9479275	A	0.025
rs10085355	C	-0.0248
rs990189	T	0.046
rs76219286	A	0.0929
rs1738292	C	0.0384
rs77321476	G	-0.0698
rs117902779	T	0.1305
rs138864823	C	-0.0632
rs791048	C	0.0482

rs142711727	G	-0.0504
rs75965745	T	-0.1464
rs55785509	G	0.0472
rs114721596	T	0.1089
rs77678784	A	-0.0841
rs77349131	C	-0.1033
rs206180	G	0.0316
rs10944866	A	0.052
rs2024846	A	0.025
rs35330352	G	0.0234
rs9491697	G	0.0228
rs117554376	T	-0.0966
rs117934509	A	-0.1236
rs62420522	G	0.0323
rs2749078	T	-0.0369
rs10456222	A	-0.0231
rs13204294	A	-0.0713
rs77366450	G	-0.1244
rs7766231	G	0.0865
rs78859372	C	-0.1228
rs12192444	G	0.0599
rs151001348	C	-0.0847
rs62407176	A	0.1434
rs7764033	A	0.0265
rs117585620	T	0.1541
rs1084330	A	0.0851
rs2223802	C	-0.0613
rs6557139	T	-0.0245
rs34852247	A	0.0287
rs117720602	G	-0.0886
rs78070658	C	0.1708
rs806275	G	0.0402
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rs6933614	A	-0.0267
rs9405605	C	-0.1616
rs116618167	C	-0.1072
rs77952702	A	0.1167
rs11751539	T	-0.0407
rs206916	T	-0.0234
rs11754677	G	-0.0232
rs7756478	A	-0.0225
rs10944485	G	-0.0311
rs146882562	A	-0.1355
rs116933909	G	-0.0959
rs713460	A	-0.0245
rs116068878	C	0.0837
rs76117633	C	0.1324

rs112049388	A	-0.1517
rs66906244	T	0.0656
rs77866267	T	0.1034
rs9461933	T	-0.0379
rs13214173	A	-0.0241
rs846972	A	-0.0597
rs141136928	C	0.0824
rs146796817	A	0.1217
rs72873354	A	-0.1726
rs78845043	T	0.0826
rs149959373	T	0.1341
rs17061461	C	-0.0869
rs1743967	T	-0.0292
rs9376032	A	0.0338
rs142354984	G	-0.1272
rs76776176	T	-0.0695
rs808438	T	-0.0252
rs287885	G	-0.0232
rs62435957	C	-0.0611
rs112023841	T	0.1463
rs11756399	C	-0.0624
rs62385478	T	-0.0659
rs138288491	G	0.0594
rs6914495	A	0.0233
rs3793071	T	-0.0351
rs1157867	C	-0.0711
rs41288975	A	0.1897
rs78086009	G	-0.103
rs56274426	T	-0.1274
rs79993912	A	0.1192
rs9392032	A	0.0339
rs72827710	G	0.1184
rs141085810	A	0.1421
rs9343479	T	-0.0284
rs9466473	C	0.0466
rs12204857	T	-0.1136
rs34319269	T	-0.0636
rs1004020	A	-0.124
rs9389536	A	-0.0528
rs1937584	T	-0.0259
rs9365548	C	-0.0268
rs16878431	G	0.0579
rs75723654	G	0.0754
rs9353797	A	0.049
rs13219062	G	0.1503
rs147294009	T	0.1184
rs12207443	G	-0.0378

rs114009741	T	0.1265
rs1475770	G	-0.0709
rs62402645	G	0.1409
rs9346225	G	-0.0456
rs4714104	T	-0.0226
rs77366525	T	0.2045
rs144202244	G	0.0757
rs79433832	T	-0.141
rs117891955	G	-0.1331
rs34309175	C	0.0341
rs3846817	T	-0.0276
rs4470825	A	0.023
rs9362216	T	0.0306
rs76185631	T	-0.0878
rs6907261	T	0.0394
rs6942087	A	-0.0274
rs12523851	C	-0.031
rs438258	T	-0.0283
rs2270989	A	-0.024
rs55771509	A	0.0343
rs55751523	T	0.0653
rs13203293	T	-0.1485
rs522611	G	0.0289
rs4273713	G	-0.1811
rs9344721	A	-0.0749
rs9345345	G	-0.0347
rs79112629	C	-0.0507
rs112880431	A	0.1881
rs76081715	A	0.1783
rs115185185	T	-0.0631
rs9472275	C	0.0604
rs272582	A	0.0239
rs10457912	T	-0.0829
rs3127369	T	-0.0633
rs143902884	G	-0.0501
rs240735	T	0.024
rs117477197	A	-0.1462
rs227478	T	-0.0243
rs116261629	G	0.0576
rs35287046	A	0.0645
rs143236495	A	-0.0729
rs139421732	A	0.0601
rs116969303	G	0.084
rs111710107	A	-0.0598
rs58528208	C	0.0996
rs12206901	C	0.0333
rs11758971	T	-0.0752

rs148466304	T	-0.1198
rs501762	C	-0.0293
rs117561214	C	0.0642
rs145134255	G	-0.0948
rs7760727	A	0.0779
rs4714872	C	0.0321
rs1137086	G	-0.0798
rs1334576	A	-0.0218
rs1266834	G	0.0222
rs111388793	T	0.1485
rs113177453	T	-0.1151
rs1538965	A	0.0228
rs117663659	G	-0.0562
rs9362768	G	-0.0408
rs140362194	C	-0.1285
rs117657016	T	0.0563
rs117452854	A	-0.1312
rs77995889	C	-0.0808
rs3762004	A	0.0425
rs118092625	G	-0.1411
rs7759851	C	0.0217
rs79157610	T	-0.0648
rs73774480	C	0.0679
rs141896531	G	0.082
rs117509604	G	0.1101
rs11756261	A	-0.0478
rs544840	A	0.0227
rs114808021	A	0.1302
rs158774	G	0.024
rs11754095	A	-0.0354
rs9372031	C	0.0336
rs12208377	T	-0.0676
rs76318624	A	0.1552
rs117400657	T	0.0768
rs2465845	C	-0.0228
rs79049160	A	0.0359
rs148930634	C	0.0914
rs79537824	A	-0.1021
rs1171106	T	0.022
rs11758450	G	0.0419
rs139612798	C	-0.0864
rs2155482	G	-0.0252
rs144935992	T	-0.1268
rs6928832	G	0.022
rs149088714	A	-0.1324
rs7750238	T	-0.0412
rs78727148	C	0.1055

rs116499343	G	0.0821
rs1969767	T	0.0286
rs117364854	A	-0.0567
rs74491590	G	0.0934
rs11964836	T	-0.13
rs9294757	A	-0.0408
rs117670969	G	-0.1255
rs75179846	C	0.1441
rs9458662	G	0.0221
rs113969967	G	0.0857
rs6923516	T	-0.1135
rs2326995	C	0.0279
rs144456468	A	0.0955
rs9394865	T	-0.0492
rs117170698	A	0.1125
rs8180566	A	-0.0459
rs7757668	T	-0.1172
rs112537015	T	-0.1274
rs59584256	G	-0.1847
rs112516254	C	-0.135
rs74337290	T	-0.1202
rs117303967	A	0.1343
rs117597579	A	0.1457
rs72977992	A	-0.0433
rs7738425	A	0.0858
rs75749871	A	0.1234
rs6931660	T	0.097
rs13193662	G	0.0344
rs13211463	T	0.0883
rs17664981	C	0.0662
rs17495762	C	-0.068
rs138908132	C	-0.1686
rs76347204	A	0.0775
rs41289787	T	-0.1369
rs58599785	T	0.0312
rs116691191	A	0.0819
rs114546521	C	0.1
rs72848575	C	0.0261
rs118071085	T	0.0566
rs13218939	G	-0.0566
rs73014937	C	-0.0778
rs142168130	A	0.1532
rs9394809	T	-0.0395
rs6900550	G	-0.0506
rs4706203	T	-0.0238
rs12201257	G	-0.0524
rs9347511	C	-0.034

rs9456684	A	-0.0213
rs117393305	A	-0.1136
rs188542	T	0.0218
rs12216476	G	0.022
rs9403959	A	-0.0239
rs35458044	C	0.0532
rs62442142	C	0.0946
rs9405851	A	0.0271
rs77713950	A	-0.099
rs78206787	A	0.128
rs113350772	T	0.1097
rs113458269	A	0.0941
rs12174150	A	-0.0349
rs11154289	G	0.0226
rs117905603	G	0.1517
rs73008043	A	-0.0918
rs9396802	T	0.0264
rs6912334	G	0.038
rs148307346	T	0.1236
rs72994847	C	0.0703
rs270412	T	0.0264
rs9465426	C	-0.0282
rs2237201	T	0.0228
rs2473600	C	-0.0599
rs146939919	C	-0.1419
rs1686161	T	0.0266
rs112437992	A	0.1781
rs4707038	T	-0.0267
rs78563638	G	0.0739
rs4713714	T	0.0275
rs139346281	T	0.0616
rs485225	G	-0.022
rs9371582	T	-0.0307
rs138483875	C	0.1441
rs59712603	T	0.0212
rs112913222	C	0.0962
rs9443009	T	0.0235
rs149691558	T	0.0785
rs6906912	G	-0.0367
rs74711970	T	-0.1926
rs7772103	A	0.0339
rs928534	T	0.0395
rs118182349	G	0.0752
rs146602665	G	0.0931
rs36077033	A	0.029
rs149967589	A	-0.1315
rs112365493	C	0.1711

rs17633311	T	-0.0633
rs74571611	G	0.1571
rs9345141	C	0.0749
rs79650283	T	-0.1547
rs115719968	G	0.0597
rs148104576	C	0.1079
rs12197175	C	-0.0468
rs79972021	T	-0.073
rs74389716	A	0.107
rs78666861	T	-0.2021
rs9498058	G	0.0258
rs11755055	C	0.0373
rs72850675	A	-0.14
rs62416163	C	-0.0265
rs35454259	A	-0.027
rs9483497	A	-0.0318
rs11752337	A	-0.1905
rs9654561	C	0.128
rs13208375	G	0.1838
rs41273854	T	0.0957
rs35485861	A	-0.0646
rs55922526	T	-0.0328
rs12192239	C	-0.0289
rs1741939	T	-0.0246
rs62413715	C	-0.1191
rs12055671	C	0.022
rs76599643	G	0.0883
rs1919533	G	0.0214
rs56130549	C	-0.0292
rs6918918	T	0.0277
rs147286205	A	-0.1326
rs9349503	T	-0.0576
rs9349262	C	0.0461
rs148055133	T	-0.1099
rs10434890	T	-0.0228
rs208732	T	0.0234
rs1540661	T	0.0403
rs78327096	T	-0.0542
rs75969465	C	-0.032
rs113109305	A	-0.046
rs4897178	G	-0.0244
rs13194866	G	0.0737
rs116478188	A	-0.1162
rs12211829	C	0.1058
rs13205704	C	-0.0812
rs6456009	A	-0.0311
rs72953441	C	-0.0722

rs79564246	A	0.0675
rs117510326	A	0.0766
rs55893097	C	-0.0363
rs78576899	T	0.0564
rs41273776	T	0.0757
rs9453351	G	0.0236
rs1826560	A	-0.1842
rs116953502	G	0.0629
rs117789396	G	0.1738
rs1933743	T	-0.0223
rs34798647	A	0.0233
rs2248288	G	0.0821
rs78039179	T	-0.1315
rs3024370	A	-0.0237
rs73448967	C	0.0552
rs75750738	T	0.0636
rs62420175	C	0.109
rs6916485	T	0.1747
rs647635	C	-0.0739
rs79957187	A	-0.0821
rs12529835	C	-0.0593
rs851982	C	-0.0221
rs11755280	C	-0.0258
rs9364296	G	0.021
rs10949239	T	0.0286
rs117121598	C	-0.0697
rs9471076	T	-0.0362
rs10947973	A	0.0479
rs2225912	G	-0.0346
rs138615353	A	0.0655
rs118175036	T	-0.1547
rs1320963	G	-0.0247
rs62401986	A	-0.0854
rs9372971	A	0.1047
rs11753714	T	0.0362
rs73035520	T	-0.0557
rs17644486	T	0.0766
rs9372322	A	-0.054
rs9320710	C	0.0459
rs112426386	A	-0.0595
rs117182394	T	0.0873
rs2146031	T	0.0437
rs78209349	G	0.0537
rs116921275	A	0.102
rs9386278	G	-0.0626
rs6908435	T	0.0379
rs79868819	A	-0.1251

rs116435868	A	0.0754
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rs74896922	A	-0.0661
rs11754890	G	0.1149
rs4706381	G	0.0311
rs138997689	T	-0.0892
rs45621032	A	-0.1068
rs9396161	C	0.0946
rs7771249	C	0.0289
rs55916823	T	-0.1312
rs17056140	C	-0.0469
rs6915235	C	0.0344
rs858334	G	-0.0302
rs56324875	T	-0.0249
rs115806935	C	-0.117
rs62435966	T	0.0566
rs114793773	T	-0.1045
rs144364238	A	0.1197
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rs116882447	C	0.0653
rs9377010	A	-0.0433
rs62405007	G	0.0754
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rs9482341	A	-0.1272
rs9353394	C	0.0228
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rs35876294	T	0.0443
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rs12528664	A	0.0323
rs2001575	A	-0.0543
rs6899369	T	0.0486
rs9328112	A	-0.0214
rs4712955	A	0.0223
rs4707320	T	-0.0234
rs59114190	A	-0.0261
rs62393799	T	-0.1277
rs150371615	A	0.1248
rs7770224	T	-0.0335
rs7771861	C	-0.0816
rs117211954	G	0.1519
rs62414880	G	-0.0622
rs73001787	T	0.0706
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rs12661222	G	-0.0352
rs58942161	G	0.0461
rs73003254	A	-0.0688
rs117859594	T	-0.0637

rs58684332	A	0.0313
rs75141905	G	-0.0526
rs9456839	C	-0.0385
rs146784571	T	-0.0784
rs76515784	T	-0.0428
rs6913928	A	0.0245
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rs9294679	T	0.0359
rs35029799	G	-0.0709
rs12199855	C	-0.0339
rs59290912	C	0.0479
rs4708883	A	0.1013
rs4959303	G	-0.0294
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rs74360887	A	-0.1332
rs11751623	T	-0.0591
rs9341086	A	-0.0871
rs17200884	C	0.0597
rs6926308	T	0.0313
rs9380754	G	-0.0326
rs12173674	A	-0.0556
rs117685521	A	-0.1262
rs9347886	A	0.04
rs148022866	A	0.1237
rs932403	T	0.0262
rs144457826	A	0.0792
rs6902375	A	-0.0406
rs9458274	G	0.1271
rs9368620	G	-0.0329
rs6938515	A	-0.0252
rs870631	G	0.021
rs72923293	G	-0.1844
rs117738229	G	0.146
rs117589858	T	-0.0481
rs112546719	G	-0.1076
rs117701920	T	-0.1168
rs114809691	G	-0.0838
rs9460382	G	0.0418
rs75635919	C	0.054
rs117865583	G	-0.1138
rs6932044	G	0.0283
rs77262737	A	-0.0881
rs429655	A	-0.0626
rs7381369	A	0.0299
rs78769847	G	0.1329
rs72928017	T	-0.1103

rs9376410	G	-0.0232
rs483403	T	0.1158
rs10945497	T	0.032
rs1858505	A	-0.0502
rs6901315	C	0.027
rs4895565	A	0.0399
rs9348842	T	-0.022
rs1295857	T	0.0575
rs9366916	G	0.0225
rs72914601	G	0.1733
rs75513300	A	0.0844
rs114714132	T	0.1275
rs2237213	T	-0.0333
rs78244560	A	0.0688
rs147578874	A	-0.1382
rs9370290	G	-0.0236
rs17786870	A	-0.0373
rs117245877	T	0.0797
rs55934883	A	-0.0378
rs77063817	C	-0.0769
rs76925105	A	0.0701
rs147627526	T	0.1141
rs552655	T	0.022
rs144360625	C	-0.034
rs11242798	T	0.0287
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rs142776031	A	-0.124
rs72866531	A	0.0878
rs73480668	C	0.1113
rs2518237	T	0.0389
rs111558445	T	-0.1094
rs11758317	A	-0.108
rs9357918	T	0.0235
rs6939261	A	0.0229
rs41286208	A	-0.0552
rs75677840	T	-0.1029
rs143852945	G	-0.1371
rs55919767	T	-0.0507
rs10947086	T	-0.0556
rs75179224	T	0.0885
rs9349843	A	0.0252
rs7765980	C	0.0587
rs35208385	A	0.1042
rs9394959	A	-0.0239
rs6929755	G	0.0799
rs72830693	G	-0.0673
rs78596750	A	-0.0847

rs111665764	C	0.0897
rs11961869	G	0.099
rs1627049	A	-0.0786
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rs12199027	G	0.032
rs143463310	T	-0.1271
rs9479520	A	-0.0785
rs150893688	G	-0.121
rs78517222	T	-0.0672
rs10457062	A	-0.0652
rs139780287	T	0.0909
rs118140117	T	0.1046
rs118159208	C	-0.1409
rs75844329	T	0.0873
rs6940335	G	0.0401
rs6596783	A	-0.0252
rs12529598	G	-0.0489
rs75544445	G	0.1432
rs77641161	T	0.0755
rs12210579	C	-0.0251
rs12173949	G	0.0387
rs72841079	T	0.1122
rs9470258	T	0.0759
rs113880644	T	-0.0714
rs146988595	T	-0.1324
rs113473141	T	-0.1343
rs79633578	A	0.1254
rs62440909	T	-0.0346
rs72940404	A	0.0539
rs6903342	A	-0.0215
rs17712040	C	0.0309
rs77782362	C	-0.0632
rs533810	C	0.0224
rs4144237	G	0.0276
rs12665013	A	0.0868
rs62416388	G	-0.0796
rs77488972	G	0.0712
rs57562398	C	-0.0949
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rs3901049	A	0.0905
rs2039559	T	-0.0212
rs10485084	A	0.0308
rs4896963	T	-0.0472
rs6455708	T	0.0238
rs76143740	G	-0.1044
rs140411193	C	-0.1682
rs35328058	G	-0.1231

rs74745938	C	-0.068
rs7452774	T	0.0526
rs79374694	C	-0.0692
rs78281483	A	0.0478
rs9357064	C	0.0572
rs9474056	T	-0.0251
rs12201448	A	0.1306
rs117984853	T	0.0595
rs1205892	C	-0.0267
rs3012377	T	0.0337
rs9386481	T	0.1274
rs58735415	T	-0.041
rs144867071	C	0.0646
rs116957737	T	-0.204
rs138660914	T	0.0938
rs9458796	G	-0.0228
rs13206468	T	-0.0335
rs12523760	A	0.0475
rs1147562	G	-0.0236
rs9359385	A	0.0773
rs6571009	G	-0.0225
rs74604864	A	0.1479
rs9397264	C	-0.0227
rs113441958	G	0.0654
rs12526460	T	-0.1426
rs72851404	G	0.0651
rs2485804	G	-0.055
rs150031848	A	0.1629
rs9396476	C	0.033
rs12524981	C	0.121
rs9362652	G	-0.0255
rs9478710	G	0.0925
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rs9496652	G	-0.0287
rs76503069	T	-0.0665
rs12664562	G	0.0276
rs145981952	G	-0.0511
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rs62390871	T	0.0865
rs1761511	A	-0.0645
rs3777966	T	-0.0732
rs117853111	T	0.1433
rs138024011	G	-0.0871
rs62397638	C	-0.0618
rs9453880	T	-0.0337

rs72942932	T	-0.0614
rs71548519	G	0.0495
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rs10945935	C	-0.0357
rs732290	T	0.082
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rs72833278	T	-0.1051
rs115648200	G	0.1167
rs7746723	G	-0.0385
rs74517041	G	0.0666
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rs2170616	T	-0.0255
rs17799269	G	-0.0265
rs7763524	C	-0.0341
rs9296439	G	-0.0235
rs149084480	G	-0.1742
rs2787750	A	0.0234
rs3799577	T	-0.0423
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rs117535069	T	-0.1805
rs56283145	A	0.1004
rs1885127	C	0.0366
rs143845322	A	-0.1716
rs4590275	C	0.03
rs1024216	C	0.0207
rs139193873	A	0.0725
rs62422353	T	0.064
rs1890301	A	-0.0733
rs12199488	T	0.0446
rs7453358	T	-0.0255
rs12206398	C	0.0312
rs117215033	C	0.0969
rs9345068	A	0.1277
rs145113975	T	-0.0856
rs9490824	A	-0.0268
rs17181220	A	-0.0838
rs72836738	C	0.0397
rs114236593	A	0.0664
rs13193159	T	-0.0662
rs62436576	A	-0.0315

rs78119441	G	-0.0705
rs17087572	A	0.0328
rs75038513	T	-0.0965
rs12530184	C	-0.0258
rs2237180	A	-0.0468
rs9375685	A	-0.0307
rs62406601	T	-0.0689
rs197240	T	-0.0876
rs1744499	T	0.0421
rs992970	G	0.0224
rs818449	C	-0.0208
rs67352322	G	0.0284
rs62386571	G	-0.0368
rs148874160	A	-0.1814
rs412746	T	0.0614
rs823400	A	-0.0255
rs147359812	G	-0.143
rs74534865	C	-0.1306
rs7773386	T	0.0443
rs79847426	C	-0.0353
rs76347422	A	-0.1303
rs62408080	G	0.0232
rs138309208	T	0.1226
rs4506053	T	-0.0782
rs76503183	T	-0.0481
rs208869	C	-0.0212
rs62429838	A	0.1317
rs79663182	T	-0.1264
rs12210817	T	0.0214
rs115411850	C	-0.0459
rs276572	G	-0.0334
rs3778353	C	-0.0236
rs118147285	A	-0.0649
rs77470450	G	-0.1518
rs55760480	C	-0.0348
rs113190010	C	0.0469
rs113597165	G	-0.0638
rs802288	A	-0.0287
rs117830188	T	-0.1317
rs62427126	T	0.0344
rs73001026	C	-0.0675
rs9348154	T	0.041
rs117037809	T	-0.1437
rs141485912	G	-0.0711
rs118159673	T	0.1856
rs74461216	C	-0.0697
rs10943666	T	0.0221

rs17080794	A	0.101
rs2046174	G	-0.0278
rs10499156	A	-0.0475
rs75969618	T	0.0577
rs149714383	T	0.0963
rs979775	A	-0.0316
rs16892547	G	-0.0331
rs76939198	A	-0.1206
rs112730263	T	0.0982
rs145799064	C	-0.1544
rs116243632	A	0.0849
rs941834	A	-0.0392
rs143326098	G	0.0901
rs17304585	T	-0.0405
rs115402675	A	-0.1026
rs144648410	A	0.1172
rs7753863	G	-0.022
rs139897182	A	0.1574
rs6914426	A	0.141
rs1777766	C	-0.031
rs117413085	G	0.0671
rs73432274	A	0.0381
rs531486	T	0.0255
rs116960804	G	-0.0844
rs75168788	A	-0.0805
rs13212563	C	-0.0428
rs9404782	G	-0.0274
rs73506708	T	0.0407
rs638393	T	-0.0219
rs4073521	C	-0.096
rs7452620	G	0.0217
rs7739198	T	0.0709
rs4364467	C	0.0257
rs142236546	T	0.1618
rs844601	G	0.0322
rs62414039	A	-0.0878
rs116919362	A	-0.0803
rs17190291	G	0.0539
rs1571564	C	-0.0263
rs13201464	A	-0.0351
rs558134	T	-0.0223
rs72912820	C	0.0568
rs2882105	T	-0.0244
rs13218258	A	0.0512
rs17073572	A	0.044
rs115444364	T	0.1092
rs117315841	A	-0.0542

rs74962903	G	0.0541
rs13211557	A	-0.0231
rs117588763	T	-0.1015
rs139755506	T	-0.0861
rs118045883	G	0.1051
rs6455864	T	-0.0261
rs113427297	T	0.1313
rs76513322	G	0.1081
rs493451	G	-0.0285
rs77349214	G	0.082
rs1443844	G	-0.0207
rs117719795	A	0.0849
rs138613502	T	0.1111
rs6930053	T	0.0228
rs2670394	G	0.0391
rs76036443	C	0.211
rs628559	G	0.0245
rs115619095	T	0.1337
rs75808470	T	0.0967
rs2327396	T	0.0295
rs115999576	A	0.0721
rs117141776	G	-0.0868
rs72832220	C	0.1336
rs114128590	A	-0.1185
rs35233644	A	0.0322
rs12528858	G	0.0429
rs9370525	T	0.0214
rs146585447	C	0.1514
rs9495081	G	0.0591
rs2635472	A	0.0233
rs62427599	A	-0.0535
rs78871092	T	0.057
rs35776872	C	-0.0228
rs17419851	T	0.0321
rs9402978	C	-0.0229
rs600102	T	-0.0982
rs112753251	T	0.1324
rs12211989	T	0.0387
rs118045401	G	-0.092
rs7750425	T	-0.0211
rs9467268	G	-0.0475
rs115828190	A	0.0653
rs78448955	T	-0.0795
rs9503631	T	0.0796
rs17055316	T	-0.077
rs9373672	G	-0.0238
rs149202178	C	-0.1284

rs117697165	T	0.1102
rs1188857	A	-0.0252
rs147111001	C	-0.0935
rs75764657	T	0.1458
rs55775848	T	-0.098
rs1989470	A	-0.0224
rs9486151	G	0.2026
rs12523957	T	0.0552
rs6910676	G	0.0268
rs10946490	T	-0.0247
rs138396776	A	0.1479
rs4710525	C	-0.0259
rs6570858	A	0.0216
rs7738367	T	-0.0213
rs13212178	G	-0.0359
rs79059708	G	-0.0583
rs58638848	A	-0.1245
rs2291385	T	0.0486
rs17710038	T	-0.0303
rs140912531	G	0.1035
rs78159679	T	-0.1249
rs833050	A	-0.0769
rs2220228	T	-0.0402
rs73020709	G	-0.0353
rs59597240	C	-0.0613
rs9394830	A	0.0227
rs76813789	A	0.076
rs12525073	G	0.0298
rs76921821	C	-0.0494
rs13217797	C	0.0245
rs9269128	C	-0.0501
rs80246542	A	0.073
rs12198220	G	0.0258
rs79934408	A	-0.0935
rs150411085	T	0.1274
rs12660197	T	-0.0758
rs544757	C	0.0547
rs13192074	A	0.0598
rs77843107	G	0.0669
rs77555954	A	0.0787
rs12197358	G	-0.0271
rs116997744	G	0.057
rs72840563	C	0.1713
rs2326711	C	0.0466
rs78930009	A	0.1157
rs17456524	C	0.1067
rs35197990	A	0.0711

rs9478380	A	0.0213
rs7776345	C	0.0327
rs2281272	T	-0.0352
rs12528768	C	0.0252
rs6917207	T	0.0319
rs4708657	A	0.0318
rs6459472	A	0.0207
rs79402321	A	-0.1877
rs75546663	C	0.1106
rs7742826	T	-0.022
rs9321750	A	0.0287
rs72836724	A	-0.0864
rs13191092	G	-0.1088
rs76453333	G	0.1057
rs73484053	C	0.0306
rs112054365	T	-0.105
rs4708993	C	0.0228
rs6909508	T	0.114
rs35681781	C	-0.0299
rs77565989	G	0.1134
rs6939093	A	-0.0603
rs2296341	C	-0.0248
rs13212321	T	0.0215
rs2273242	C	-0.1331
rs9386389	G	0.0313
rs11755452	T	0.1036
rs115974924	C	0.0894
rs113086184	G	0.0685
rs5977	A	0.0287
rs150552973	T	-0.1544
rs4708658	A	-0.0327
rs116666011	A	0.1151
rs6569662	G	0.0215
rs2209491	G	-0.0435
rs9479940	G	0.0231
rs4072591	G	0.0486
rs74935546	G	0.0358
rs11156052	A	-0.0922
rs1973894	A	0.0583
rs149865491	T	0.1483
rs35170510	A	-0.0733
rs72823524	T	0.0871
rs61131185	G	-0.0246
rs654621	T	-0.029
rs4537129	T	-0.0244
rs143575769	A	0.1257
rs72919720	A	0.0246

rs76675635	A	0.0291
rs7767917	T	0.023
rs4478401	A	-0.0241
rs141401255	G	-0.0904
rs761149	G	-0.0516
rs2795303	G	0.0216
rs45492394	A	-0.1517
rs142027232	T	0.1049
rs2555772	A	-0.0271
rs9376044	T	0.079
rs62429523	C	0.0886
rs9442858	C	-0.022
rs1107885	C	0.0213
rs55704362	C	0.0487
rs9463175	T	0.0221
rs11152978	C	-0.0228
rs73560338	A	0.102
rs62397397	G	-0.0257
rs12055849	T	-0.1314
rs9480582	T	0.0502
rs1410295	C	0.0313
rs75023367	A	0.0806
rs970067	G	-0.0238
rs72983029	T	0.0556
rs473767	C	0.0209
rs454359	T	0.0478
rs9491388	G	-0.024
rs2818255	G	-0.1011
rs4895749	G	-0.0285
rs9471170	A	0.0321
rs114160588	G	0.0986
rs117555972	C	-0.2039
rs9347984	G	0.0204
rs9459470	G	-0.0337
rs2787930	G	0.0211
rs1355021	C	-0.0226
rs1321168	A	-0.0216
rs9403930	A	-0.0225
rs689035	T	-0.0334
rs137954862	A	0.1423
rs9502195	A	0.0338
rs73742863	G	0.1428
rs588496	G	-0.066
rs78608503	A	0.1191
rs1986923	C	0.0224
rs17059187	C	0.0205
rs62435616	C	0.0824

rs491902	G	0.0213
rs145750584	A	0.1151
rs117686245	A	0.0892
rs148479379	T	0.0856
rs147221531	T	0.1655
rs117909491	A	-0.1047
rs11962766	C	-0.1021
rs12174279	C	-0.0538
rs79551667	A	0.0957
rs145323168	A	0.1465
rs80206529	C	0.0771
rs72833659	T	0.0365
rs41272210	T	0.0892
rs140862226	G	-0.1331
rs9294906	C	0.0211
rs117096955	C	0.1284
rs62424987	C	0.098
rs150533314	T	0.0678
rs1535584	A	0.0362
rs6904723	C	-0.02
rs9392279	A	-0.021
rs6458114	G	0.0681
rs2498529	A	0.0233
rs77233031	G	-0.0807
rs12213552	A	0.0536
rs9370068	C	-0.0212
rs148257123	G	0.101
rs4530899	T	0.0256
rs73781052	T	0.0905
rs2134087	G	-0.0204
rs1886814	C	-0.1052
rs34650286	C	0.0566
rs3823046	G	0.0724
rs62427990	A	0.036
rs226932	A	0.0212
rs7746069	T	-0.0646
rs12523753	A	0.0871
rs4945551	T	0.0236
rs4714649	C	0.0398
rs3734230	T	0.0299
rs35606812	A	0.0316
rs9491109	A	-0.0346
rs56036778	T	0.0786
rs113574779	T	0.0909
rs147443423	T	-0.1492
rs6934844	T	-0.0208
rs58680651	A	0.0476

rs6918041	A	-0.0211
rs804837	C	-0.0223
rs12526194	T	0.0248
rs75405026	A	0.0692
rs112445345	C	-0.0547
rs117573747	C	0.1209
rs270320	A	-0.025
rs10456816	A	0.0479
rs9472812	C	0.0518
rs1687120	T	0.0448
rs117145491	T	0.0901
rs146771887	A	-0.1667
rs117436733	C	0.1369
rs78314943	C	0.0322
rs56235303	A	-0.2485
rs62434363	T	-0.025
rs9379336	T	-0.0251
rs9394269	G	-0.041
rs71566550	G	0.0544
rs118053308	G	-0.1228
rs114677387	A	-0.0627
rs72975861	T	0.061
rs114245037	A	-0.0926
rs114601429	T	-0.0959
rs7744063	T	0.021
rs72940366	G	0.091
rs6926192	C	0.0208
rs141745443	G	-0.1702
rs80339217	C	-0.067
rs76445500	A	-0.1157
rs11965339	C	-0.0434
rs7749892	C	-0.0212
rs6916186	A	0.0513
rs7454506	C	-0.0891
rs41265493	A	0.0964
rs78069026	A	0.0697
rs2207446	A	0.0223
rs4946198	C	0.0228
rs75986527	A	-0.1165
rs13190913	A	0.0271
rs2615512	A	-0.0207
rs11755676	G	-0.0304
rs77588041	A	0.1736
rs1681939	A	0.0324
rs13214624	T	0.0616
rs6900286	C	-0.0303
rs77248306	G	-0.0816

rs72830818	A	0.1014
rs3734558	T	-0.0974
rs79581912	T	0.0599
rs78354558	C	-0.0672
rs115139920	A	-0.1132
rs13199373	T	0.0463
rs79080656	A	-0.067
rs62406971	A	-0.0215
rs149283903	A	0.0601
rs6899540	C	0.0308
rs77707778	A	0.0985
rs73772502	T	0.0445
rs1051218	A	0.081
rs146589806	T	0.1275
rs75833810	T	0.1283
rs72836598	A	0.0958
rs36184164	G	-0.0455
rs11758366	G	0.0244
rs34284521	C	0.0415
rs6934614	C	0.0208
rs315410	C	0.081
rs4317453	A	-0.0275
rs9352030	C	0.1065
rs7762026	A	0.0602
rs79952742	T	0.0847
rs2049661	T	-0.0275
rs9504609	T	0.0205
rs116240337	A	0.0852
rs16889542	T	-0.0987
rs149898127	A	0.1103
rs932681	A	-0.0345
rs3861398	C	0.0223
rs4714243	A	0.0225
rs145856810	C	0.1343
rs117905342	A	0.1412
rs16871271	A	0.0929
rs2439566	T	-0.0717
rs76524657	G	0.0522
rs145125135	T	0.0286
rs4870489	G	0.0498
rs12192975	A	-0.0496
rs76236447	C	0.0593
rs145126165	T	0.1151
rs13212962	A	-0.0567
rs76216052	T	-0.0778
rs149491820	A	0.0864
rs11970100	A	0.0244

rs12200797	G	-0.0271
rs3778171	A	-0.0255
rs7760359	G	0.0271
rs4946938	C	-0.0383
rs62441185	T	-0.0252
rs12210841	A	0.1008
rs2859308	A	-0.0709
rs73539559	T	-0.147
rs3024331	A	0.0838
rs12197552	G	-0.0415
rs7452024	A	0.0818
rs41271874	A	-0.1027
rs2033970	C	0.0493
rs13200910	A	0.0635
rs3024448	C	0.0254
rs9385451	C	-0.0885
rs1208241	A	0.0242
rs13437440	T	-0.0679
rs112200634	C	0.1079
rs151140102	T	-0.1315
rs9383201	C	-0.0231
rs75289445	A	-0.121
rs12529699	A	0.023
rs6899522	C	0.0295
rs117317130	A	0.0925
rs9504748	C	-0.0852
rs80112131	T	-0.1196
rs115524282	T	0.1228
rs79107575	T	0.0983
rs9349534	C	0.0203
rs1058462	C	-0.1174
rs11153824	G	-0.0273
rs78256732	A	-0.0885
rs578540	G	-0.0759
rs3966705	T	-0.1545
rs80323078	G	0.134
rs774410	C	0.021
rs2753159	G	0.0405
rs1293960	C	-0.0239
rs17084089	A	0.0472
rs77034156	A	0.1842
rs55810843	G	-0.0417
rs7753111	G	-0.0212
rs72817684	T	0.0748
rs115209266	A	0.1554
rs34340170	C	-0.0709
rs12210777	T	0.0388

rs2397144	T	-0.0283
rs9344770	A	0.0994
rs17057200	T	-0.0539
rs146709547	G	0.094
rs4714225	A	-0.0372
rs115829335	G	-0.0721
rs13214526	G	-0.1274
rs11156123	C	0.0208
rs74903129	G	-0.083
rs80093726	A	-0.1134
rs7748154	T	-0.0687
rs4544930	T	-0.0262
rs4707649	C	0.0302
rs75267288	G	-0.0707
rs1298764	T	0.0835
rs13198422	T	0.0285
rs942734	A	-0.0352
rs116498958	T	0.0959
rs149166737	T	-0.1592
rs142096226	T	0.1015
rs6936055	T	0.0264
rs9486235	A	-0.0957
rs1001143	C	-0.0241
rs55827754	C	-0.021
rs151154305	T	-0.1155
rs113144748	A	-0.0456
rs4714101	T	-0.0255
rs72980836	T	-0.056
rs79337363	A	0.0936
rs2813536	G	0.0212
rs6933801	T	-0.0223
rs34444826	A	0.0242
rs62418560	T	-0.0463
rs114374680	T	-0.1183
rs141039990	A	0.0514
rs6904128	A	-0.0796
rs34181795	T	0.0368
rs116449831	T	0.0885
rs148170700	G	0.085
rs7773747	A	0.1289
rs654993	T	0.0204
rs62407271	C	-0.0465
rs74376220	A	-0.1064
rs72817051	C	-0.0617
rs115201362	T	0.1498
rs146349108	T	0.1233
rs143500414	C	-0.1086

rs78908498	A	0.0586
rs80341092	C	-0.1353
rs2762357	T	0.0249
rs287948	T	0.103
rs8193036	C	-0.0304
rs10457015	G	0.1168
rs146144490	C	-0.0463
rs76914359	C	0.0413
rs10806401	T	-0.0208
rs9402515	G	0.0342
rs75431542	A	0.0432
rs670755	A	0.0253
rs6458374	C	-0.0267
rs2816099	C	-0.0204
rs77276966	T	0.1294
rs114309260	G	-0.103
rs74801158	A	-0.1813
rs151157093	T	0.1068
rs117479373	C	-0.0814
rs72863164	A	-0.0335
rs1359015	G	-0.1079
rs79725689	A	-0.0641
rs17370253	A	0.0403
rs780556	T	-0.02
rs139419772	T	0.0866
rs114428951	T	0.0879
rs62436298	A	-0.0289
rs1352678	C	-0.0205
rs35353646	A	-0.0265
rs147807551	C	-0.0993
rs115130399	C	-0.0926
rs12211012	T	0.0433
rs34792310	A	-0.1422
rs9356371	A	0.0432
rs10945513	A	-0.0203
rs3778253	A	-0.0257
rs143741838	T	-0.035
rs113107726	C	0.0821
rs6568743	C	0.0499
rs759102	C	0.0208
rs1359486	C	0.0251
rs72898526	A	-0.1646
rs74682745	C	0.07
rs770939	T	0.0358
rs2281444	G	-0.0279
rs71548190	T	-0.0307
rs114116686	G	0.1357

rs76560544	T	0.0881
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rs35730227	G	-0.1192
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rs71572515	C	-0.0529
rs11964424	A	0.0841
rs55710344	G	0.0742
rs138027083	A	0.0808
rs1034115	T	-0.0367
rs12191730	A	0.1083
rs57150324	A	0.1543
rs6903191	G	0.1165
rs139651287	A	0.0718
rs139069569	T	-0.0888
rs12205693	C	-0.0862
rs16897776	C	0.0359
rs7762545	G	0.0289
rs12216013	A	-0.0219
rs539255	C	0.0351
rs73752627	T	0.03
rs803457	T	0.0227
rs71569398	A	0.0625
rs13206772	T	0.0278
rs9348357	A	-0.0387
rs147844237	A	0.1478
rs240641	C	-0.0275
rs1297769	A	0.0456
rs4712745	A	-0.0298
rs9393426	G	0.0328
rs111651548	T	-0.096
rs17795656	G	0.0955
rs62434324	T	0.0937
rs1267516	C	0.0333
rs62398588	A	0.0976
rs12528470	G	-0.0821
rs6925610	A	-0.0832
rs6909081	C	0.043
rs77063378	A	-0.0678
rs481701	G	0.031
rs75115591	C	-0.1585
rs9492471	C	-0.0262
rs140673951	C	0.06
rs75424836	C	-0.0762
rs9364837	G	0.0204
rs116210867	A	0.0516
rs36095346	A	-0.0245

rs12206299	C	0.0201
rs73766109	T	0.0847
rs75071176	C	-0.1377
rs352077	G	0.0234
rs4869726	C	-0.0727
rs73344748	G	0.0423
rs1964742	C	0.0357
rs117765327	T	-0.0758
rs75130806	G	0.0928
rs1408458	T	0.0242
rs77153455	T	-0.0538
rs12197028	G	-0.0439
rs62420988	T	-0.0502
rs76689511	T	0.0851
rs12209626	A	-0.0649
rs141140196	T	0.0661
rs12197618	A	-0.0753
rs2295084	T	0.0291
rs75599866	G	-0.1336
rs60566230	T	0.0923
rs270284	C	-0.021
rs112592247	T	-0.151
rs147691853	T	-0.1551
rs9390089	G	0.0245
rs115234559	G	-0.0281
rs45547134	T	0.0481
rs62431430	A	-0.0596
rs76658305	C	-0.0534
rs72850003	T	0.0521
rs7742752	A	-0.1271
rs685655	G	-0.0219
rs2858840	T	0.0213
rs12197456	G	-0.0407
rs6933548	T	0.0299
rs78838868	T	0.0432
rs1107040	A	0.0695
rs117366538	T	-0.0985
rs9371831	T	-0.0431
rs72944240	T	0.0415
rs1998742	A	0.024
rs9459883	C	0.0362
rs80356346	T	-0.0481
rs113484791	A	0.0934
rs62406399	C	-0.0506
rs114586321	C	0.0498
rs117059757	C	0.1488
rs62402186	A	-0.1168

rs78855701	T	0.0339
rs4452603	T	-0.0314
rs10944457	C	-0.1264
rs13203106	A	0.0853
rs6570598	A	-0.0276
rs1247347	G	0.0385
rs661325	C	-0.0244
rs6936379	G	0.1246
rs116286373	A	0.1771
rs75542355	G	0.1313
rs55821059	C	-0.0676
rs6934982	G	-0.0211
rs12205758	C	0.1516
rs113224977	C	0.1126
rs11756360	C	-0.0936
rs113422523	A	-0.0281
rs3857470	T	-0.0543
rs117673633	T	0.0992
rs28503735	C	-0.0692
rs659512	G	0.0199
rs9456942	C	0.0255
rs74820743	C	-0.0375
rs116077471	A	0.0642
rs77018900	T	0.1416
rs72937947	G	0.0266
rs1076746	C	0.0552
rs55717394	A	-0.0237
rs6941664	C	0.0207
rs73385432	C	0.0444
rs3180196	C	-0.0289
rs75243431	T	0.0494
rs35328363	T	0.0437
rs1598790	A	0.0249
rs144540639	C	0.1241
rs77365462	C	-0.0724
rs114961115	A	0.0746
rs77298394	T	0.0933
rs138497773	C	0.1568
rs17260521	C	0.0942
rs1474922	C	0.0537
rs2982906	A	-0.0321
rs3828857	T	-0.0209
rs11758673	T	0.0492
rs111742523	A	0.0976
rs17550658	A	0.0631
rs146521951	A	-0.07
rs4128134	T	-0.0318

rs34843939	A	0.1065
rs34214306	G	-0.0979
rs146794405	C	0.1098
rs262464	C	-0.0209
rs9321725	T	-0.0249
rs9356168	G	-0.0203
rs117801438	A	-0.0726
rs115119339	T	-0.0701
rs61452398	G	0.0653
rs71573700	G	-0.0399
rs335356	G	-0.0234
rs116539742	A	0.1603
rs116877697	T	-0.1034
rs12214854	A	-0.0258
rs12206038	A	-0.0532
rs6927180	C	-0.057
rs34039795	G	-0.0282
rs7767018	A	-0.0293
rs144727113	T	-0.139
rs140926852	A	0.1408
rs568744	A	0.0496
rs115747855	G	0.0769
rs7762714	T	0.034
rs7742350	T	-0.0456
rs55920178	A	0.0347
rs75268917	A	-0.047
rs67115866	T	0.0322
rs13219581	A	-0.1152
rs9389712	G	-0.0212
rs9344246	A	0.0728
rs9489143	T	0.0394
rs79264903	C	0.1503
rs17568061	A	0.0792
rs60613897	A	0.046
rs77911361	C	-0.0703
rs146134798	C	-0.0911
rs9502452	A	0.0244
rs413627	T	-0.0205
rs72865160	C	-0.1084
rs4715229	C	-0.0334
rs139472920	G	-0.0724
rs7738490	T	0.0451
rs9341066	A	0.0501
rs7761476	G	-0.0219
rs4714469	C	0.0232
rs795217	T	0.0267
rs12211046	A	-0.0398

rs112270871	C	0.0952
rs9388988	C	-0.0586
rs35570061	A	-0.0254
rs10945493	T	-0.0442
rs77839024	C	0.0418
rs9403404	C	0.0304
rs12210829	A	-0.0557
rs139017785	T	-0.0846
rs76846903	G	-0.0803
rs114375948	T	-0.0701
rs117666915	T	0.102
rs9386496	C	-0.0276
rs9494913	A	0.1203
rs1886334	T	-0.0314
rs6927056	G	-0.0208
rs72833030	A	-0.0417
rs9355936	A	-0.0361
rs79265294	T	0.0445
rs138602639	A	0.0968
rs75614139	G	0.0794
rs13213717	G	-0.0999
rs113515267	C	-0.1015
rs1761769	G	0.0209
rs6933485	C	-0.0213
rs58133527	C	-0.0205
rs72883866	A	-0.038
rs145793994	A	-0.1268
rs9403479	C	-0.0195
rs7739751	A	0.046
rs7738284	C	-0.0202
rs13215522	A	-0.0571
rs6939137	A	-0.0351
rs143390411	G	-0.1132
rs72947457	A	0.1524
rs521638	G	0.0216
rs9369482	T	0.0828
rs75356817	A	0.0816
rs72610885	C	0.0298
rs1688609	T	-0.0214
rs28489468	T	-0.0474
rs117801134	G	0.1694
rs112962054	T	0.0958
rs9365514	A	-0.0196
rs114393117	G	0.1426
rs114823885	C	-0.1934
rs12194748	T	-0.0195
rs11964098	T	0.0299

rs34087314	A	0.0202
rs149203270	A	-0.0811
rs12205504	T	0.0229
rs71558469	A	0.1443
rs1919691	T	-0.0204
rs12194558	C	-0.0286
rs67440644	A	0.022
rs6912671	T	-0.0241
rs4571560	C	-0.0441
rs4639316	A	0.0212
rs1850629	T	0.0433
rs6900124	C	0.0206
rs113766362	T	-0.0763
rs117654177	C	-0.1992
rs80325777	T	0.076
rs146950657	C	0.0463
rs77115912	A	-0.0826
rs6928538	T	0.042
rs114406136	G	-0.0453
rs2273176	T	0.0222
rs1534357	G	0.0587
rs1955221	A	-0.0233
rs9460454	C	0.0358
rs9383665	C	0.0293
rs879036	T	-0.0294
rs118060938	C	-0.0805
rs6927491	G	0.1418
rs507532	A	0.0254
rs116798700	G	0.1048
rs117854466	T	0.1798
rs75037585	G	0.111
rs6455383	C	0.0639
rs141340589	A	0.1049
rs9348953	G	-0.0259
rs475395	A	0.0213
rs116964195	C	0.0703
rs2813565	C	0.0594
rs4715352	T	-0.0364
rs9349764	G	0.075
rs76699361	C	0.1048
rs3817795	T	0.0233
rs1557031	A	0.0432
rs79579487	A	-0.1345
rs78596106	A	0.0457
rs117951074	T	0.1537
rs12211973	C	0.0204
rs6928116	G	0.02

rs2613121	G	-0.0217
rs79581324	T	-0.0349
rs9371553	G	0.0864
rs77381302	G	0.0454
rs78271394	C	-0.0612
rs79205822	A	-0.0834
rs17590501	T	-0.0613
rs10457823	G	0.0221
rs1853151	G	-0.02
rs524983	T	0.0513
rs144809585	A	0.0999
rs2876532	G	0.0455
rs4254969	A	0.044
rs72956654	A	-0.0523
rs113617776	A	-0.1178
rs118161974	C	-0.181
rs73364911	A	-0.0936
rs77026276	A	0.1674
rs35741167	G	0.0301
rs11753836	T	0.0392
rs7759294	A	-0.1175
rs781762	A	-0.0516
rs72954873	A	-0.0715
rs6909476	A	0.0209
rs118075660	A	0.0957
rs56411036	T	0.0527
rs114884404	T	0.1387
rs7767612	G	-0.0261
rs2560764	A	-0.0269
rs12193608	A	0.0322
rs61069137	A	-0.0614
rs142045074	G	0.1611
rs73762984	G	-0.0307
rs10452561	C	-0.0295
rs60395676	A	0.0571
rs143652753	C	0.1139
rs62419227	T	-0.0775
rs806381	G	0.022
rs113216682	G	-0.1355
rs9482299	T	-0.0263
rs11155216	A	-0.0637
rs78593667	G	-0.0638
rs117565947	G	0.0958
rs9465873	G	-0.0199
rs62415423	A	-0.0321
rs13203604	A	-0.031
rs75386346	G	-0.0802

rs9347107	A	-0.036
rs10484321	G	0.0216
rs539133	G	-0.0244
rs9295635	A	0.0249
rs35642078	C	0.0245
rs11153123	G	-0.0254
rs34941391	T	-0.0512
rs4988945	A	-0.0356
rs118092297	C	0.12
rs9486370	G	0.0198
rs4959249	T	0.0343
rs114961271	T	-0.0356
rs2073297	G	-0.022
rs9383828	G	0.0194
rs36087964	C	0.0675
rs180839	A	0.0215
rs80159967	G	0.0948
rs116956616	T	0.0534
rs4714711	C	0.0389
rs117217284	T	-0.1677
rs80054731	A	0.037
rs6903035	T	-0.04
rs6903171	C	0.0444
rs7767863	T	0.0226
rs9366277	A	0.0208
rs74777085	A	0.1195
rs141628849	A	-0.1215
rs72981337	G	0.0682
rs112553742	G	0.0555
rs78341983	T	-0.1655
rs9397194	G	-0.0332
rs79004482	T	0.0396
rs12528911	T	0.0371
rs6903040	C	-0.0265
rs1883181	C	0.0198
rs114255765	G	-0.0557
rs9383626	G	0.0292
rs77052819	T	-0.0525
rs3931577	T	-0.0502
rs2346508	G	-0.035
rs7753099	A	0.0247
rs7769594	T	0.0274
rs2396165	C	0.0195
rs145257354	C	0.061
rs9401826	G	-0.0298
rs73022775	T	0.076
rs1981090	A	-0.0213

rs7759230	A	0.0199
rs9405837	A	-0.0272
rs9367057	G	-0.0226
rs60636106	T	0.0934
rs17631225	C	-0.1018
rs9455624	G	-0.0483
rs9505233	G	-0.037
rs77406821	T	0.1719
rs9384653	T	0.0252
rs112179516	C	-0.0767
rs3757115	A	-0.024
rs62421030	G	-0.0533
rs111513274	T	0.0623
rs76985475	T	0.045
rs11751767	C	-0.0345
rs1675414	C	-0.02
rs623329	C	-0.0202
rs142378256	G	-0.1638
rs620598	G	0.0229
rs6915472	A	0.0311
rs68009975	A	0.0248
rs11753918	C	-0.0301
rs62430697	T	-0.1231
rs4960202	T	-0.0488
rs10458125	C	-0.0851
rs4712462	A	-0.0217
rs13193186	A	-0.0543
rs6457967	C	0.0607
rs1998453	G	-0.1114
rs117401577	A	-0.0966
rs72959825	T	0.1451
rs7766143	T	-0.026
rs6919270	A	-0.0544
rs303899	G	-0.0197
rs1040664	C	0.0617
rs12524153	T	0.0317
rs13212980	T	-0.0581
rs76550996	A	0.0866
rs9365006	T	0.0216
rs116395497	A	0.0817
rs7758544	T	0.0689
rs72886929	T	0.2137
rs1214752	T	0.0199
rs7767026	C	-0.0285
rs75383519	C	-0.088
rs7770974	T	-0.031
rs10447371	A	0.0269

rs75713187	T	0.0684
rs142913303	C	0.0818
rs118034128	C	0.0824
rs6915655	T	-0.0492
rs147571755	G	-0.0511
rs3798602	G	-0.0202
rs142824006	T	-0.0745
rs13196238	A	-0.1114
rs150866206	A	0.1697
rs148375451	T	0.1152
rs17134263	T	0.0313
rs147685533	A	0.0739
rs35511673	A	-0.0219
rs16900471	C	0.118
rs9494646	A	-0.0588
rs77613383	G	-0.1321
rs114038763	T	0.1463
rs13193115	G	0.0548
rs1409096	C	0.0206
rs592551	A	0.0686
rs75612754	A	0.0662
rs438259	A	-0.0212
rs77388525	C	0.1284
rs5746081	A	0.078
rs77293650	T	0.0828
rs1001092	C	0.0209
rs9379187	G	0.0473
rs73000595	A	-0.0932
rs330112	A	-0.0223
rs12202150	T	0.0881
rs2281054	T	0.0671
rs115503606	A	0.0553
rs74657755	C	0.0382
rs9350450	C	0.0196
rs139976797	T	-0.0826
rs6931997	G	0.0383
rs2627230	T	-0.0225
rs142540499	T	-0.0822
rs115883845	C	-0.0992
rs199743	T	0.0223
rs77268207	T	-0.0564
rs145211473	G	0.0872
rs78372022	A	0.1102
rs72945356	G	0.0953
rs57111320	A	-0.0371
rs144703226	A	0.096
rs9356710	G	-0.0889

rs113472417	A	-0.1665
rs113870385	C	0.0332
rs12665580	G	-0.0639
rs7761587	G	-0.0196
rs9384060	A	-0.0221
rs853363	C	0.0205
rs34286460	T	-0.1173
rs4714899	A	-0.0216
rs4959584	C	0.025
rs78525404	G	-0.0241
rs146778812	G	0.1352
rs116520501	T	0.0871
rs12660424	T	-0.0466
rs62416617	C	-0.0882
rs41269311	A	0.1773
rs72896527	T	0.0649
rs9386296	C	-0.0233
rs77937059	C	-0.0409
rs151272685	A	0.0674
rs17207882	C	-0.0225
rs139042710	A	-0.0928
rs1777764	G	0.0201
rs138938508	G	0.1473
rs74903882	C	-0.0368
rs75297300	C	-0.0803
rs847852	A	0.019
rs141097573	C	0.0459
rs72952037	T	-0.0784
rs117912502	G	0.0908
rs148576231	C	-0.1512
rs72835911	G	0.0387
rs149465829	T	-0.1003
rs36018387	T	-0.0488
rs79951429	C	0.0598
rs74294950	T	0.1996
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rs12205213	T	-0.0394
rs140013811	T	-0.1004
rs7453274	C	0.1231
rs9405868	T	-0.023
rs12661088	A	0.0212
rs75679408	C	-0.0288
rs17184754	T	-0.1265
rs3851224	C	0.027
rs73716783	A	0.0813
rs9274253	A	-0.0364
rs3912465	G	0.0211

rs74360346	G	0.049
rs9322191	G	0.0758
rs75337380	G	0.1276
rs75821134	G	0.0564
rs9463470	A	0.0517
rs12194208	G	0.0532
rs151259301	T	0.0853
rs1326169	T	-0.0638
rs143303199	A	0.0943
rs78811857	G	0.0522
rs117207049	G	0.1477
rs55980638	A	0.0501
rs72901582	T	-0.1137
rs903440	A	0.0322
rs35948631	C	-0.095
rs12203928	C	0.0617
rs916719	C	0.0319
rs113761470	A	0.1267
rs138642634	T	0.106
rs3864311	G	-0.0218
rs76024139	T	-0.1549
rs7758392	T	0.0332
rs9382081	T	0.0503
rs12153902	C	0.0193
rs115241209	T	-0.1155
rs112376926	T	-0.1041
rs345716	C	0.0404
rs4452655	T	0.0415
rs78944975	G	-0.0842
rs55635926	G	0.0843
rs9388352	A	-0.0215
rs72973496	T	0.0428
rs4314516	T	-0.03
rs1009667	G	0.0206
rs117422713	A	0.096
rs6934528	C	-0.0272
rs7741539	C	0.0373
rs73022722	T	-0.0843
rs73246780	G	0.0663
rs140544526	T	-0.0377
rs79899973	C	0.0672
rs3861443	C	0.0289
rs2224646	C	-0.0225
rs117110373	G	0.1119
rs7773701	A	0.0228
rs62432006	C	-0.0567
rs723255	G	-0.0601

rs2473486	G	-0.0294
rs13204120	A	-0.0203
rs72831877	G	0.0481
rs28810763	G	-0.081
rs2477834	T	0.0546
rs139289246	T	-0.1533
rs111892029	C	-0.1179
rs73021829	T	-0.0777
rs6900023	G	-0.0212
rs149056521	G	-0.0792
rs147349361	T	0.1314
rs147244310	A	-0.103
rs72898498	T	0.0586
rs1924696	G	-0.0229
rs144191235	T	0.1923
rs3805994	A	0.0188
rs62421573	T	0.123
rs140937379	A	0.0888
rs126343	A	0.0236
rs115032958	T	-0.0836
rs138699438	A	-0.1444
rs78032275	C	-0.0822
rs7767809	T	-0.0248
rs78984672	G	0.0424
rs59321915	G	-0.09
rs2153172	A	-0.0322
rs9373154	G	0.0236
rs78179859	A	-0.1139
rs111687588	A	-0.1199
rs77684545	A	-0.0901
rs74449072	G	-0.0459
rs56277421	T	-0.0256
rs1295392	T	0.0216
rs4461751	C	0.021
rs1540689	A	0.0329
rs17356490	T	-0.0399
rs74480191	A	-0.0579
rs382047	G	-0.0281
rs9402478	A	0.0264
rs7752455	A	0.0493
rs144961578	A	-0.0535
rs62423062	G	0.0736
rs6455733	T	-0.0432
rs141605343	C	0.074
rs77302115	T	-0.0657
rs140444701	T	-0.096
rs76290206	T	0.1324

rs9398031	A	0.0285
rs2461732	A	0.0661
rs72845056	T	0.0972
rs55775512	A	-0.0895
rs79732430	T	0.1365
rs1417182	G	-0.0192
rs9456280	T	0.1167
rs112211672	A	-0.0562
rs3734318	A	0.0309
rs114283165	C	-0.0985
rs9321042	C	0.0241
rs34504929	A	-0.0444
rs74575778	T	0.0857
rs1342227	G	0.0549
rs62413457	G	-0.0866
rs71556153	A	-0.0448
rs9463883	G	-0.0215
rs72934611	T	0.0828
rs4367404	C	0.0246
rs7767170	T	0.068
rs9472194	A	0.0238
rs12664158	C	-0.0551
rs141713008	C	-0.105
rs113636553	T	-0.0475
rs80343804	T	-0.1155
rs4960228	C	-0.0238
rs75894238	A	-0.0811
rs6569399	A	0.0328
rs34938980	C	0.0989
rs66775508	A	0.0256
rs4349831	G	-0.0195
rs11968435	G	-0.0429
rs62399315	A	0.1009
rs111452637	C	-0.1075
rs140012484	A	0.1635
rs77811564	T	0.0389
rs2768981	G	-0.0314
rs1325400	C	0.0276
rs139931652	A	-0.1779
rs77804402	G	0.0685
rs141160655	T	-0.1012
rs62412509	T	-0.1134
rs117270970	T	-0.1534
rs35517608	A	0.0231
rs4707829	A	-0.0207
rs79029509	T	-0.0827
rs632286	A	0.0349

rs62440111	C	0.0756
rs77153348	G	-0.0389
rs1535011	G	0.0252
rs1205032	C	0.0191
rs2446649	G	0.0235
rs10944393	T	-0.0303
rs118009134	C	-0.0723
rs365936	C	0.0195
rs11155714	G	-0.0268
rs55837325	A	-0.0818
rs4577820	T	0.0255
rs147500434	T	0.0976
rs2294265	C	0.0227
rs117545152	A	-0.09
rs13216723	A	-0.1411
rs149788879	C	-0.0859
rs78263175	C	0.0797
rs7741182	T	-0.1027
rs6926560	C	-0.0359
rs6909335	A	0.0483
rs34155455	A	-0.0859
rs1590184	T	0.0304
rs115392832	T	0.0883
rs79805935	G	-0.0353
rs55904268	A	-0.0382
rs117566725	A	-0.1837
rs4532481	C	-0.0235
rs2007297	T	0.0188
rs6925753	T	0.0186
rs7747414	G	0.0198
rs432375	C	-0.0353
rs114551752	A	0.0964
rs7766608	T	0.0251
rs9471281	T	-0.0742
rs115120576	G	0.1301
rs9372096	T	0.0208
rs4709984	A	0.0278
rs79349153	T	0.0351
rs7770637	G	0.0393
rs4869993	G	-0.0201
rs72817773	T	-0.0561
rs149471989	A	0.0861
rs116541189	A	-0.1597
rs35862066	A	0.0405
rs2110184	A	0.0199
rs6921677	C	0.0222
rs75093590	G	-0.0406

rs7746784	T	-0.0468
rs17495728	C	-0.0657
rs1208474	A	-0.1446
rs75964568	T	-0.0577
rs28381546	T	0.1182
rs1737633	T	0.0336
rs599699	T	0.0862
rs11965528	C	-0.0262
rs7764896	T	0.0448
rs150801948	T	0.0807
rs1366326	A	-0.0255
rs80079655	C	0.0982
rs72937217	A	0.1474
rs7752376	T	-0.0201
rs76041891	C	0.0583
rs142225921	A	0.1544
rs144356687	C	-0.0718
rs17550839	C	0.077
rs9403342	G	-0.0503
rs117608362	T	0.0762
rs9384273	G	0.0351
rs9349621	A	0.0238
rs9346010	T	-0.0207
rs9362705	G	0.0742
rs75733681	G	-0.1165
rs4960332	A	-0.0205
rs6568472	G	0.0194
rs116228246	C	-0.1225
rs73006735	A	-0.0324
rs74593972	C	0.0777
rs115506472	A	-0.0782
rs148558920	T	0.0997
rs148801478	C	0.0605
rs62438060	A	-0.1029
rs72894719	G	-0.1288
rs4498322	T	0.0598
rs117790547	C	-0.0823
rs72948326	G	0.0517
rs3861415	G	0.1174
rs569647	C	-0.0249
rs77743335	A	-0.167
rs72889407	C	-0.062
rs6930367	T	0.0275
rs76483406	G	-0.029
rs480733	C	-0.0352
rs113250608	A	-0.0738
rs117582034	A	-0.1251

rs115929150	A	0.0973
rs7767895	G	-0.1047
rs76710364	T	0.0886
rs77863623	A	0.0363
rs9283907	A	0.0281
rs75597991	C	0.0757
rs117168946	G	-0.1218
rs3008058	G	0.0408
rs4615440	G	0.0212
rs79142717	A	-0.0967
rs35553402	T	-0.0958
rs2497155	A	-0.0352
rs332608	C	0.0243
rs115387031	C	0.0734
rs12198226	T	-0.0508
rs7743582	C	-0.0554
rs117275436	T	0.1353
rs9487834	A	0.0411
rs9399229	C	0.0233
rs13205480	A	-0.0303
rs143187914	T	-0.1275
rs76220245	A	0.0287
rs112544501	A	-0.13
rs34053687	C	0.0306
rs142413590	G	-0.0997
rs76245018	C	-0.1121
rs6569287	C	0.0308
rs16886351	A	-0.0363
rs793850	C	-0.0192
rs80115000	A	-0.0747
rs529038	T	-0.0224
rs9399087	T	0.1
rs117687112	C	-0.0866
rs78031131	G	0.0437
rs76649585	G	-0.0539
rs2950	C	0.023
rs1235349	G	0.0629
rs72920092	C	0.0591
rs80101783	C	0.077
rs7742396	G	-0.0258
rs116499876	G	-0.1536
rs62421264	C	0.0727
rs221724	C	0.0195
rs6940498	A	-0.0193
rs113063961	C	-0.1405
rs11758065	T	0.035
rs117521037	T	-0.131

rs117242811	A	0.0523
rs147440056	A	0.1253
rs11968375	A	0.0338
rs4946246	G	-0.0222
rs212806	A	-0.0193
rs143402164	T	-0.0861
rs117333950	A	0.0813
rs790582	A	-0.0352
rs17068980	A	-0.0718
rs6909230	G	0.0557
rs2064319	A	0.0195
rs55891333	G	-0.0387
rs3012465	A	0.0193
rs75343357	T	0.0638
rs149760576	T	-0.1608
rs688359	G	0.0201
rs1328694	G	0.0591
rs80330690	G	-0.1177
rs45561736	T	0.1068
rs6922309	C	-0.0523
rs75994967	T	-0.1048
rs195853	A	0.0264
rs7742603	C	-0.0267
rs6901560	C	0.0229
rs34666489	T	-0.1181
rs9497965	T	-0.0191
rs1071911	G	0.0209
rs9276799	C	-0.0215
rs74351293	C	0.0228
rs4596499	A	0.0497
rs9470177	C	-0.0397
rs17409951	T	-0.0393
rs149918547	A	0.0589
rs802504	A	0.0544
rs74678912	G	0.0896
rs13194692	G	0.0379
rs111227477	C	-0.0475
rs115827149	A	-0.0586
rs9367931	A	0.0288
rs9342769	G	0.0192
rs147278440	T	0.0412
rs12200924	A	0.0239
rs114001413	G	-0.0786
rs77036635	A	-0.081
rs74586189	T	0.0963
rs75155619	A	0.1021
rs117229870	A	-0.1069

rs79293673	T	-0.0371
rs4840052	A	-0.0379
rs238020	G	0.1269
rs114830895	G	0.0999
rs4707424	G	-0.0288
rs113827859	C	0.0868
rs3864289	C	-0.0186
rs149466387	A	0.0255
rs75507352	T	0.0975
rs11966947	A	-0.0233
rs76848794	C	-0.1106
rs149424838	A	0.0903
rs9322261	G	-0.019
rs141609193	G	-0.0856
rs140405357	A	-0.1036
rs9367080	T	0.0351
rs10498966	G	-0.0618
rs77192673	G	-0.0382
rs117316637	T	-0.0419
rs1001015	G	-0.0205
rs2077176	T	-0.0562
rs74385879	A	0.0539
rs4707488	A	-0.0712
rs72924490	T	0.058
rs12201585	A	-0.0377
rs143594643	A	-0.1297
rs346319	G	0.0271
rs118134300	C	0.0485
rs6930756	G	0.0298
rs79415071	G	0.1647
rs9351647	T	0.0354
rs144168965	T	0.1515
rs548373	A	-0.1325
rs62404989	C	-0.0461
rs76471553	A	-0.1171
rs139480212	T	-0.1069
rs73566351	C	-0.0325
rs114552328	T	0.1147
rs151272995	A	0.1468
rs117397443	A	-0.1306
rs911749	A	-0.0224
rs150420484	T	0.0417
rs11961226	T	0.0538
rs72914817	T	0.0442
rs17059090	C	0.052
rs34637389	G	0.0321
rs13198841	G	0.0256

rs117549058	T	0.0972
rs117573132	T	0.0626
rs9491248	A	0.0303
rs629497	C	-0.0199
rs7765298	C	0.02
rs2859370	T	0.0333
rs14217	T	0.1275
rs2147761	A	0.0205
rs13200043	A	0.0515
rs1156561	C	-0.0193
rs7761483	A	0.0372
rs6933523	C	0.024
rs7453458	A	0.1447
rs2104117	T	-0.0753
rs601543	G	-0.0515
rs85462	G	0.0242
rs78361545	A	-0.0476
rs6909187	T	-0.0186
rs116179532	A	0.1123
rs4706623	C	0.02
rs768382	T	-0.0265
rs34610829	A	0.1022
rs34807537	C	0.0377
rs141615119	T	0.0851
rs17747812	C	-0.0477
rs62421554	A	-0.0308
rs115098108	T	-0.0929
rs12110845	C	-0.0253
rs113467469	A	-0.052
rs1246994	T	0.0243
rs17653732	C	-0.0548
rs77027282	T	0.0922
rs144523185	G	-0.1187
rs9504127	C	0.0669
rs767231	A	-0.0199
rs113760175	A	-0.0749
rs7744700	A	0.0232
rs77632450	A	0.0982
rs855375	T	0.021
rs7752834	G	-0.0329
rs149611536	C	0.1005
rs1418673	T	-0.0223
rs75051234	T	0.0212
rs145678031	T	0.1083
rs13193916	G	-0.0444
rs73024503	T	0.04
rs149291898	G	-0.1248

rs114055853	G	0.1027
rs2274952	G	0.121
rs114032730	A	-0.0755
rs148673814	T	-0.1153
rs4235862	T	-0.022
rs148159357	A	0.0991
rs117083828	C	0.1194
rs75886224	G	0.0741
rs9401670	G	-0.0566
rs116901473	T	-0.085
rs111427717	T	-0.0911
rs72929523	T	0.0631
rs76579796	T	0.0897
rs747144	C	0.0635
rs34101156	C	-0.0436
rs6597110	C	0.0354
rs10484620	G	-0.0345
rs117545193	C	0.0934
rs13208357	T	-0.0276
rs115209374	C	0.0865
rs9490152	C	0.032
rs7758091	A	-0.0206
rs7746985	C	0.0251
rs150562166	A	0.0746
rs12203950	G	0.0794
rs62429512	T	0.0694
rs149074192	A	-0.1255
rs78552097	C	0.1734
rs694733	G	-0.0266
rs113275261	T	0.0865
rs9472491	A	0.0422
rs147926185	A	-0.0678
rs55809483	C	0.0269
rs4870327	T	0.0239
rs75924259	T	-0.0536
rs4535590	G	-0.0205
rs140911576	G	0.0981
rs2395672	A	-0.0233
rs116068552	A	0.1159
rs148369637	A	0.0788
rs79527223	C	0.0746
rs142289772	A	0.0322
rs9374021	G	0.0232
rs117253928	T	0.1214
rs9389632	A	-0.0414
rs17710848	A	0.0391
rs78881098	C	0.0898

rs12662114	T	0.0411
rs144313735	A	-0.0874
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rs62440061	T	0.0535
rs4143683	C	-0.0229
rs72885005	C	0.083
rs150548777	A	0.196
rs12214720	A	0.0211
rs11963180	T	0.0219
rs62430887	A	0.0318
rs113283159	G	0.0473
rs9364263	A	-0.0204
rs78066694	A	0.0772
rs117497208	A	0.0999
rs4451148	T	0.0228
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rs7743005	C	-0.0193
rs9496805	A	0.059
rs12210995	A	-0.0456
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rs12193609	G	0.0414
rs73746517	G	-0.0368
rs149136178	T	0.1428
rs79222768	T	-0.0499
rs12526543	T	0.033
rs9381295	T	-0.019
rs13219623	G	-0.0496
rs113110521	T	0.0687
rs117497469	G	-0.0573
rs12202269	C	-0.0227
rs111464791	G	-0.1265
rs76372845	T	-0.0949
rs2304895	T	0.027
rs9800493	G	0.0305
rs7738081	T	-0.0252
rs2040424	T	-0.022
rs118036110	C	0.0956
rs144015474	A	-0.0781
rs76037039	T	0.1462
rs12198474	G	0.0207
rs72841030	T	-0.0644
rs79850139	C	-0.0479
rs12197609	T	0.0448
rs117304163	G	0.0935
rs9451310	G	0.0292
rs111984076	G	0.0901

rs76224162	T	-0.1685
rs6939337	A	-0.0392
rs9380633	G	-0.0209
rs78903563	T	0.059
rs13217897	A	-0.0269
rs77379831	G	-0.0594
rs144504419	T	0.0948
rs77598707	T	-0.1413
rs9356007	G	-0.0832
rs151676	G	0.0232
rs112938313	G	0.0399
rs2015786	A	0.0834
rs57799830	A	0.052
rs9472288	G	0.0205
rs9355091	A	0.0344
rs144438489	C	0.1084
rs2670352	T	0.0776
rs1977149	A	0.0235
rs227451	T	-0.0311
rs72999713	A	-0.0736
rs80190707	T	-0.0486
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rs36046852	A	-0.0289
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rs9350318	T	-0.0255
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rs34450444	G	-0.0534
rs9370523	T	0.028
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rs4707016	T	-0.0193
rs7743878	A	0.0967
rs149192379	A	0.0824
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rs76807618	T	-0.0686
rs12195291	A	-0.0214
rs1449646	T	0.0419
rs141615621	G	-0.0805
rs13209675	T	0.0548
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rs6455889	C	0.0226
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rs117604569	T	-0.0705
rs1407801	G	0.0557
rs76881092	A	0.1451
rs7762516	C	-0.0291
rs9382606	C	-0.0275
rs9446853	A	0.1798
rs17531803	A	-0.048
rs811581	C	-0.0314
rs9470502	A	0.106
rs260258	A	0.0315
rs194633	A	-0.0183
rs113844332	T	0.1166
rs143050594	G	-0.0674
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rs9481240	C	-0.0274
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rs2609325	C	-0.0281
rs7760673	T	0.0258
rs17428325	A	-0.1422
rs150841483	T	-0.0603
rs72948758	T	-0.0698
rs1538575	T	-0.0182
rs4629681	A	-0.028
rs45586535	G	0.143
rs34957234	A	0.0406
rs7751978	G	-0.0199
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rs17720559	A	0.0235
rs9493241	T	-0.0456
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rs71570996	G	0.0791
rs6455622	T	0.0203
rs142928527	G	0.1214
rs35254019	T	-0.0483
rs1854153	T	0.0227
rs34429222	G	0.1298
rs142622504	G	-0.1194
rs72884665	A	-0.1046
rs1854892	T	-0.1559
rs72610811	T	0.119
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rs12195406	T	-0.0196
rs223590	A	0.0323

rs76870765	C	-0.1047
rs55899330	A	-0.0995
rs117909536	A	0.0588
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rs62421145	C	-0.0762
rs62391860	C	0.0472
rs147853351	A	0.0869
rs2482401	G	0.0335
rs138057074	A	0.1195
rs143961350	A	0.0461
rs13437366	T	0.0231
rs77003531	T	-0.0427
rs4896704	A	-0.0416
rs114042150	C	0.0596
rs145876861	A	0.1018
rs72943319	A	0.0537
rs6915601	T	0.0193
rs74440805	A	0.0523
rs12205846	C	-0.0189
rs74722570	G	-0.0739
rs117055041	C	0.1745
rs9405486	T	-0.038
rs115832438	T	-0.0587
rs2282521	T	-0.0251
rs72991812	C	0.0841
rs12199232	C	0.0481
rs7745519	C	0.0368
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rs141708928	C	0.1309
rs9399106	C	-0.0347
rs62392050	A	0.0309
rs72918692	T	0.0289
rs72846137	C	-0.0514
rs118069420	T	-0.0686
rs150851725	A	0.0853
rs143439730	C	-0.0836
rs75746833	C	0.0809
rs117878891	T	0.0443
rs6915318	T	-0.0199
rs72917598	G	0.0987
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rs143075636	T	-0.0535
rs2893936	C	0.0431
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rs79632896	T	-0.0863
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rs12663314	A	-0.0196
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rs2057082	A	0.0262
rs78830488	A	0.061
rs727854	C	-0.0312
rs72898603	T	0.1345
rs118060873	T	0.0657
rs111685429	A	0.0251
rs9403408	G	-0.0205
rs9456538	A	-0.0246
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rs6912011	A	-0.0181
rs115222778	A	0.1154
rs728285	T	0.0618
rs55958968	G	-0.052
rs73021887	G	-0.0451
rs75976951	T	-0.1073
rs2207626	A	-0.0307
rs12208538	A	0.0198
rs9340789	C	-0.0999
rs151166284	G	0.1611
rs140145829	A	0.0947
rs79992066	C	0.1066
rs62399110	C	-0.0336
rs137956299	G	-0.036
rs1927777	T	-0.0194
rs4711780	A	-0.0217
rs142558049	C	0.1162
rs1437282	A	0.025
rs1199414	A	0.0206
rs75393728	T	-0.1047
rs12207423	A	-0.0484
rs57574422	T	-0.0458
rs74670824	A	0.0957
rs2033530	G	-0.0186
rs7757485	C	0.0606
rs12192160	A	-0.0771
rs1201875	T	0.0321
rs142202225	A	-0.0803
rs223300	C	0.0221
rs4945482	T	-0.0233

rs112998929	T	0.073
rs9393077	T	0.0412
rs531972	A	-0.0657
rs2208421	A	0.0185
rs62437220	A	0.0568
rs963386	G	0.0199
rs71570208	C	-0.0847
rs4869987	A	-0.0189
rs11751058	T	0.0568
rs139767115	C	0.1001
rs2032564	G	0.0266
rs13204511	G	-0.034
rs142477472	C	0.083
rs9474249	T	0.0912
rs2485077	C	-0.0255
rs2328878	G	-0.0181
rs72922629	G	-0.0375
rs12206193	T	0.0236
rs4712717	C	0.0231
rs146780325	T	-0.2094
rs113730546	G	-0.0678
rs73768046	C	0.0225
rs6902168	C	0.0299
rs2816227	T	-0.0355
rs55658364	A	-0.0677
rs7749355	A	-0.0806
rs2981975	C	-0.0244
rs1036500	G	-0.0691
rs17701487	A	-0.0455
rs9486081	C	-0.0249
rs115183117	C	-0.0902
rs1292829	A	0.027
rs11759442	G	0.0246
rs6913507	A	0.1444
rs72976291	C	0.0242
rs13201100	G	0.0408
rs58177962	A	0.0409
rs2273961	A	-0.0548
rs477004	C	-0.037
rs34147569	C	0.0238
rs72897251	T	0.045
rs74414010	C	0.1049
rs1923747	G	0.0185
rs80116524	T	-0.0833
rs10499281	C	-0.0245
rs150235825	T	0.0776
rs76409629	G	-0.0741

rs6932184	A	-0.0272
rs72966694	T	0.0531
rs3793113	G	0.0186
rs117104308	C	-0.0896
rs56335411	A	0.0906
rs9404303	T	0.0202
rs79130410	C	-0.0567
rs145215133	A	-0.1192
rs17875381	G	0.048
rs2503772	T	0.0199
rs411236	A	-0.0275
rs9461918	C	-0.0361
rs77439189	G	-0.0935
rs111607050	G	0.0676
rs9449588	C	0.0255
rs62432792	A	0.0401
rs35131064	T	0.0266
rs6934510	A	0.0238
rs62391994	C	0.1363
rs16896629	A	0.0445
rs55957118	C	-0.0683
rs2738820	C	0.0225
rs72828924	G	-0.0194
rs1065272	G	-0.02
rs9384604	A	0.0186
rs9355976	C	0.0245
rs79003840	A	0.0546
rs148286307	G	0.1014
rs9451531	C	-0.0302
rs77409229	C	0.0856
rs138276217	A	0.1655
rs3846930	T	0.0264
rs115013778	G	0.1312
rs75780449	A	-0.0467
rs17076235	A	0.0717
rs1883239	C	0.0299
rs117457703	T	0.1026
rs12665548	T	0.0394
rs7773759	G	-0.0645
rs76280411	A	0.0593
rs147862009	A	-0.1746
rs519862	A	0.0237
rs11758940	A	-0.0617
rs34618792	T	0.0703
rs116352336	G	0.0881
rs75721495	A	0.0536
rs2316796	A	-0.0225

rs7746053	C	0.0717
rs57078108	C	-0.0331
rs145681012	T	-0.0729
rs1885959	T	-0.0221
rs117182629	A	-0.0973
rs2982904	G	0.0194
rs146118920	C	-0.1271
rs4707492	G	0.0204
rs9356475	T	-0.0202
rs6456588	A	0.0802
rs113378651	A	-0.0935
rs74760108	G	0.0251
rs117791855	A	0.0632
rs11970707	T	0.0232
rs9358206	A	-0.0936
rs158773	T	0.019
rs377609	T	0.0381
rs12525260	C	0.0188
rs117119044	T	-0.0583
rs11963920	C	-0.0788
rs116849978	T	0.0635
rs12214332	A	-0.0364
rs62441466	C	-0.0351
rs2071797	T	-0.0382
rs9471187	C	0.0406
rs9384926	G	-0.0575
rs2734344	A	-0.0235
rs117922347	T	-0.1563
rs118158359	T	-0.1484
rs118074655	T	0.0975
rs79288867	G	-0.094
rs17201433	A	0.1429
rs2353059	C	0.0459
rs78369364	G	-0.0504
rs1893115	G	0.0244
rs146169947	A	0.0739
rs73786758	T	-0.0363
rs117944123	G	-0.1011
rs56250784	A	-0.0684
rs115828691	T	0.1508
rs9388935	A	-0.0614
rs73012844	A	0.0725
rs4712696	G	0.065
rs17062729	T	0.0646
rs1935106	G	-0.1012
rs9402570	C	0.0246
rs829914	A	0.0734

rs116941503	C	0.1397
rs74662370	A	0.0853
rs13206045	C	-0.0258
rs12202730	T	0.0424
rs6932421	C	0.0757
rs12055716	G	0.0217
rs141631313	G	0.1165
rs9384599	T	-0.0188
rs4364453	G	-0.0194
rs12191060	T	0.0652
rs79756813	T	0.0451
rs9647621	C	-0.0896
rs12214664	G	-0.052
rs62408253	C	-0.062
rs9396701	T	0.0224
rs113629437	A	0.0646
rs117963002	T	-0.0615
rs35587516	G	0.0856
rs9378418	C	-0.0399
rs6920534	C	0.0325
rs10485318	G	0.0327
rs115856115	A	-0.0737
rs74926148	T	-0.0633
rs2180135	G	0.0188
rs380386	A	0.1165
rs9480156	C	0.024
rs9454805	A	-0.0614
rs79254826	A	0.0579
rs59257657	G	-0.0979
rs77594551	T	-0.0293
rs1331301	C	-0.0181
rs77446948	A	-0.0936
rs16873023	C	0.0476
rs476276	G	-0.0212
rs76528078	T	0.0363
rs17432662	A	0.0249
rs140013486	G	-0.1061
rs55813531	G	-0.0256
rs117584366	C	-0.105
rs1201447	A	-0.0206
rs1377973	G	0.0254
rs6597394	C	0.019
rs75493882	G	-0.051
rs651164	A	0.0199
rs72839144	T	0.049
rs146874451	G	-0.1166
rs141349970	T	0.0858

rs118103985	C	-0.0911
rs547108	A	-0.0226
rs117691003	T	0.0933
rs55775145	G	-0.1108
rs6458518	T	0.0189
rs143716889	G	-0.1023
rs813812	C	-0.0182
rs12527305	A	0.1128
rs74699117	A	0.0672
rs265352	G	-0.0222
rs9355898	T	0.0227
rs73398195	C	0.1656
rs144403399	G	-0.0698
rs139504288	T	-0.1262
rs111898862	G	-0.0709
rs61198286	A	0.0288
rs13207017	G	-0.0197
rs7756762	C	0.0598
rs145570831	G	0.0862
rs145766462	C	0.1124
rs116836554	A	0.1137
rs139022015	A	-0.089
rs116683794	G	-0.0846
rs13213655	A	-0.0334
rs55869568	G	-0.033
rs9371318	G	0.0258
rs76876342	C	0.0715
rs11962544	G	0.1097
rs140547939	A	-0.0806
rs316154	A	-0.018
rs114643095	G	-0.091
rs7752335	A	0.0568
rs149679222	C	0.0909
rs1891455	A	-0.0547
rs117754215	G	-0.1113
rs62422551	T	-0.096
rs147609952	A	-0.0894
rs148563541	T	0.0913
rs138725724	G	0.0838
rs117473080	G	0.062
rs9398796	A	0.0425
rs148243848	A	-0.0909
rs2815146	G	0.0178
rs116548130	A	-0.1003
rs77788936	T	0.1202
rs150639932	T	-0.1112
rs117384713	T	-0.0938

rs140709290	T	-0.0454
rs9368621	A	-0.0252
rs510420	T	-0.0251
rs117327305	T	0.0987
rs72943999	T	-0.1464
rs1000864	T	-0.0225
rs74908414	C	-0.0936
rs12110995	T	-0.0747
rs111705046	T	0.1325
rs117989419	G	0.0666
rs113486176	T	0.063
rs2819860	A	0.0259
rs13199545	T	-0.0331
rs10457686	G	-0.023
rs2201595	A	0.0267
rs113051211	G	0.0784
rs62419605	G	-0.057
rs149121877	A	-0.0978
rs139363174	T	0.043
rs1590299	T	0.0184
rs115064283	C	-0.0637
rs1042987	A	0.0363
rs1479054	G	0.029
rs7767069	T	0.0191
rs2474153	T	-0.0985
rs10456667	G	0.0194
rs2031258	A	0.0589
rs142279800	G	-0.0688
rs150220705	T	0.0748
rs9405519	A	-0.0198
rs2500086	G	-0.0212
rs6929988	C	0.0187
rs113500511	C	0.0883
rs10948234	A	-0.0195
rs2818120	T	0.0577
rs9373965	C	0.0282
rs505799	G	0.0245
rs117343043	C	0.0768
rs144357991	G	-0.1435
rs114154728	T	-0.1065
rs77332505	T	0.0476
rs2504434	C	-0.0212
rs117969328	C	0.123
rs372440	A	-0.018
rs150464234	T	0.0794
rs11154135	C	-0.0248
rs11759954	T	0.1489

rs73733632	G	-0.1086
rs10944844	T	-0.0804
rs220809	T	0.0221
rs113989935	A	0.1008
rs1504368	A	-0.0278
rs977559	A	-0.0338
rs77634133	C	-0.1804
rs1873731	A	-0.1175
rs10455980	T	0.1017
rs12661152	C	0.0316
rs78659979	A	-0.0473
rs16871157	G	-0.0335
rs1931001	T	0.0193
rs33951897	T	0.037
rs117041153	T	0.0762
rs114296519	C	-0.1442
rs115841821	C	-0.0777
rs2157501	G	0.0203
rs117566280	A	0.105
rs73004750	T	-0.0226
rs147609578	C	0.0515
rs77036729	A	-0.0474
rs899519	C	-0.0278
rs2296197	C	-0.0218
rs118055404	A	0.0806
rs147268064	G	-0.1159
rs114919458	A	-0.1062
rs9495589	G	-0.0199
rs9480347	A	0.0313
rs57547880	A	-0.026
rs78066977	C	0.0526
rs2031259	A	-0.0294
rs138358390	A	-0.1047
rs116881654	T	-0.0838
rs62400452	G	0.0334
rs76392524	G	0.0635
rs12189591	T	0.0429
rs2077681	C	0.0513
rs80269558	A	0.058
rs139127306	T	0.1686
rs74805720	T	0.0875
rs114968474	T	-0.0979
rs118168647	T	-0.1038
rs13208036	C	0.0283
rs114315636	G	-0.0703
rs116830898	T	-0.0528
rs62412652	C	-0.0616

rs424687	G	-0.099
rs145448915	T	-0.0715
rs9343778	G	-0.0178
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rs1835472	T	-0.0189
rs12215634	A	-0.028
rs76937132	C	0.1337
rs9405991	G	0.0189
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rs71547111	T	-0.0196
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rs12663763	T	-0.0814
rs6917049	A	-0.025
rs2745608	T	-0.0352
rs4713043	A	-0.0199
rs13212273	C	-0.0193
rs9487750	C	-0.0263
rs1374984	G	0.0699
rs61738668	A	-0.0643
rs72873088	T	0.0575
rs114885239	G	0.0688
rs744196	G	0.024
rs139435237	A	-0.0264
rs114379727	A	0.1007
rs6910415	T	0.0187
rs72950387	G	-0.0949
rs12526165	A	0.029
rs4870110	T	-0.0233
rs34059508	A	0.0722
rs3851508	T	0.0203
rs76092088	A	0.0482
rs139731201	T	-0.108
rs72880303	T	0.1038
rs7773835	A	-0.0239
rs72848525	A	-0.0671
rs1738452	A	0.024
rs9312	T	-0.0273
rs2181061	C	0.0182
rs78326332	T	-0.0555
rs2023075	G	-0.0288
rs79440553	G	0.092
rs9395786	T	-0.0267
rs112424710	C	0.0634
rs855575	A	0.0249
rs79403850	A	-0.0871
rs145249325	G	-0.0717

rs13200114	T	-0.024
rs6918106	G	-0.0368
rs807841	T	0.0203
rs2984442	T	-0.0181
rs117420901	G	0.0536
rs34482742	G	0.0352
rs11963965	A	0.0311
rs60700772	C	-0.023
rs143148648	T	0.071
rs77437032	G	0.0758
rs113689173	C	-0.0337
rs34527581	A	-0.0422
rs13192123	A	0.0844
rs6568389	C	-0.0193
rs9394824	A	0.018
rs72940858	G	-0.0285
rs12202682	G	0.0809
rs74722344	T	0.0665
rs75027218	A	0.0791
rs35187199	G	-0.0735
rs76458711	A	0.0573
rs9383068	T	0.0584
rs79525339	G	0.1145
rs12199128	T	0.0337
rs72931111	C	0.0472
rs12525680	A	-0.0228
rs9478846	G	0.0279
rs9459712	A	0.0589
rs77101688	G	0.0791
rs73765692	A	0.0442
rs4897093	C	-0.0184
rs1965303	G	0.0179
rs73720347	G	0.144
rs116832569	G	0.0946
rs79132986	T	-0.0361
rs2149586	T	0.026
rs150508116	T	-0.0502
rs148864987	A	-0.0802
rs1928968	G	-0.0263
rs72823520	A	-0.1291
rs56196646	C	0.036
rs79129577	A	-0.0426
rs9378547	T	0.0192
rs9368883	A	-0.0186
rs72852023	C	-0.045
rs77109711	G	0.0786
rs6570144	G	-0.0284

rs77056198	C	-0.0911
rs73007982	G	0.0478
rs148054831	T	-0.0826
rs17673321	C	-0.0855
rs3734795	T	0.0596
rs6915297	T	-0.0544
rs115764518	T	-0.1237
rs9689078	C	-0.0184
rs2493331	C	0.0197
rs78926933	A	-0.0629
rs4601145	T	-0.0496
rs161061	C	0.0183
rs142530793	T	0.1075
rs11751477	G	-0.0573
rs9404028	C	0.154
rs12529267	A	-0.0584
rs7772821	G	0.0257
rs139047372	A	-0.1102
rs11757396	A	0.0239
rs143142433	C	-0.0943
rs9501862	T	0.02
rs62425871	G	-0.0651
rs62413992	A	0.1434
rs150227179	T	-0.0978
rs138595014	T	-0.1049
rs13203024	G	-0.0474
rs75097297	T	0.0804
rs17812192	C	-0.04
rs77800539	G	0.0877
rs10455513	G	-0.0225
rs1354452	T	0.0352
rs9481246	A	-0.0174
rs6942027	A	-0.0218
rs9477316	G	-0.1046
rs6910479	C	0.0204
rs72834800	C	0.0821
rs17647528	G	0.0922
rs1541227	G	-0.0217
rs9479114	T	-0.0697
rs7752984	C	0.0332
rs113694908	A	0.0441
rs111725661	A	-0.1217
rs4989286	G	-0.0316
rs2799365	A	-0.0573
rs2000382	A	0.019
rs4897098	C	0.0219
rs17453908	G	-0.0939

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rs78495383	T	-0.0904
rs2763277	A	-0.0267
rs2022439	G	-0.0286
rs78278446	C	-0.0826
rs4391258	C	-0.0248
rs145766752	A	-0.0687
rs998045	T	0.021
rs72922239	G	-0.0307
rs77995203	A	-0.0356
rs6928203	A	0.0419
rs1998368	G	0.1043
rs7739775	T	-0.0283
rs17725277	C	0.0803
rs17224695	G	0.0212
rs12206292	C	-0.0471
rs146349909	G	0.0924
rs111958187	A	-0.1059
rs57978061	A	-0.036
rs7742491	G	-0.0229
rs142682278	A	-0.0799
rs12198333	C	-0.0312
rs116681888	T	-0.0652
rs10457511	C	0.1063
rs9492602	T	0.0191
rs2018629	T	0.0318
rs111505011	T	0.1165
rs118139935	C	0.0675
rs2482409	C	-0.0216
rs72840809	A	0.0431
rs117628588	A	0.1438
rs114731381	T	0.1632
rs77670165	G	-0.0187
rs78350800	G	0.0899
rs114694086	A	-0.0508
rs1619811	A	0.0191
rs7743956	T	-0.0213
rs72936848	A	-0.0955
rs1496975	T	-0.0179
rs143675863	G	-0.1316
rs3793039	G	-0.0233
rs4706323	T	0.0221
rs72946274	G	0.0663
rs2172329	G	-0.0367
rs7746417	T	0.0214
rs75101588	C	-0.0655
rs117016549	C	-0.0834

rs62422160	A	0.1512
rs9371808	G	-0.0245
rs72558886	G	0.0223
rs75950600	T	-0.0251
rs4708922	C	0.0234
rs74585377	G	0.0677
rs145912914	C	-0.0661
rs10223752	T	-0.0373
rs76215240	A	0.0514
rs111258739	A	0.108
rs227452	A	-0.0205
rs114586090	T	0.0869
rs62414117	G	0.0228
rs11963368	G	-0.0413
rs6927299	A	0.0213
rs6910640	A	0.1204
rs1150593	T	-0.0303
rs6936307	T	-0.0869
rs283576	A	-0.0573
rs117174185	T	0.0319
rs9360306	C	0.0545
rs77841747	A	0.0624
rs58579648	G	-0.0334
rs9351978	T	-0.0424
rs2206987	G	-0.0176
rs140507407	A	-0.1106
rs9356344	C	-0.0209
rs210053	T	-0.0238
rs1150092	C	-0.018
rs4870266	A	0.0403
rs2457334	C	0.0191
rs74523776	C	-0.1159
rs17688983	C	-0.0578
rs72986510	T	-0.0378
rs115749548	A	0.0911
rs12527470	G	-0.0982
rs34443729	T	0.041
rs112128375	C	0.0473
rs115626932	C	0.0903
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rs9486067	A	-0.0334
rs74703311	A	0.0971
rs13203885	C	-0.027
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rs141601578	C	0.0819
rs17709524	A	0.0885
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rs9478185	T	-0.0404
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rs2211493	C	-0.0243
rs12173486	A	0.0235
rs61413749	C	0.0644
rs118099249	C	0.0809
rs12193149	A	0.034
rs117603699	C	0.149
rs12525319	G	0.0282
rs1857233	T	0.0423
rs117090646	C	-0.0638
rs783152	T	-0.0845
rs35953940	G	0.0235
rs75173805	A	0.0638
rs78024037	T	0.1191
rs449985	C	-0.0178
rs75573044	A	0.0509
rs10900941	G	0.0188
rs58938823	T	0.0375
rs73251306	A	0.0707
rs62444444	A	0.0625
rs4574662	C	-0.0185
rs35662273	A	-0.0344
rs9477697	C	-0.0326
rs728835	C	0.0974
rs72870013	A	-0.0242
rs13216342	A	0.0297
rs7744685	C	-0.0187
rs143680498	A	-0.057
rs9322774	A	0.0974
rs150599334	A	-0.1725
rs2206195	A	-0.0176
rs196698	A	0.0248
rs118045663	A	-0.0948
rs544241	T	-0.0215
rs378411	G	0.0194
rs12202891	T	-0.0368
rs7762347	C	0.0191
rs115941737	G	-0.0636
rs7743046	C	0.0187
rs72893703	A	-0.0732
rs116352020	T	-0.1238
rs2499697	A	-0.0326

rs9352507	C	0.0497
rs79180769	G	0.1407
rs79404627	A	0.1112
rs114887085	T	-0.1135
rs76092956	C	-0.0274
rs73002988	G	0.1266
rs72826277	G	0.1304
rs9379627	T	0.0216
rs2327252	G	0.0215
rs75742993	T	-0.0877
rs13213640	G	0.0398
rs12204736	C	0.0185
rs76903247	T	-0.0365
rs9366466	T	-0.0268
rs71563072	G	-0.0595
rs113096698	C	-0.1111
rs7750152	C	-0.018
rs12193816	A	-0.0191
rs138855395	A	-0.1065
rs12213679	A	-0.0666
rs2388038	C	0.0244
rs508751	C	-0.0476
rs707832	A	0.0222
rs34947828	A	-0.1481
rs9378747	A	0.0213
rs41303785	A	-0.0803
rs145001196	T	-0.0618
rs6934233	C	0.0348
rs138499165	A	0.1048
rs9376059	A	-0.0193
rs62392036	T	0.0303
rs807533	C	-0.0194
rs58275900	A	-0.0788
rs55755722	T	0.0234
rs9458661	T	0.017
rs115925091	T	-0.1534
rs150889581	T	0.0852
rs1577598	A	0.0238
rs446698	C	0.0278
rs12175122	G	0.0222
rs73412244	C	0.0613
rs142753940	T	0.0207
rs80111919	G	-0.0664
rs116129585	C	-0.0942
rs12194234	T	0.0298
rs75231773	T	0.0814
rs9499216	G	-0.0237

rs72829872	T	0.053
rs813227	A	0.0197
rs117321521	T	-0.051
rs12173775	A	0.0606
rs4568455	A	0.078
rs3024317	A	-0.0203
rs115408158	G	0.0401
rs624201	T	-0.0196
rs2180146	T	-0.0173
rs67258057	A	0.0409
rs10485126	T	0.0295
rs73774676	T	0.0499
rs9359682	T	0.0189
rs115989354	T	0.0332
rs62422966	C	0.1189
rs409359	C	-0.018
rs9347865	A	0.0246
rs143658610	C	0.1287
rs9486466	A	0.0813
rs145299639	A	-0.0772
rs4960080	T	0.0215
rs72811071	A	-0.0454
rs79872066	G	-0.0383
rs140101319	T	0.1031
rs139742532	G	0.1193
rs117654394	A	0.1099
rs118089736	A	0.0861
rs12526713	T	-0.0981
rs145978557	A	-0.0536
rs9478960	C	-0.0194
rs72869671	T	0.0418
rs79903297	A	0.0901
rs12526848	G	0.069
rs984427	T	0.1104
rs4707602	A	0.0777
rs1394220	C	0.0175
rs75098203	T	0.0301
rs72912346	A	-0.0733
rs111739263	T	0.1156
rs9363840	A	-0.0259
rs141145375	A	0.1063
rs9355199	T	-0.0467
rs112889612	A	0.0924
rs147927820	T	0.0414
rs10872660	T	0.0311
rs76339249	C	-0.0445
rs2655651	A	0.0359

rs71571138	A	-0.0729
rs11961765	A	-0.0239
rs74816829	A	-0.059
rs114866415	A	0.0592
rs4579348	C	-0.0271
rs76530659	C	0.1068
rs76275816	T	-0.0789
rs11752543	A	0.0347
rs12204590	A	-0.0217
rs4714790	T	-0.0297
rs1190305	C	0.0525
rs1590329	A	-0.0214
rs265371	C	0.0223
rs1247306	A	0.0574
rs9400996	A	0.0175
rs72881008	T	-0.0969
rs730224	G	-0.0177
rs12528618	C	0.0212
rs9375753	T	-0.0402
rs61243641	T	-0.0307
rs115647609	T	0.1547
rs113030479	T	0.0711
rs6938519	G	-0.045
rs9494030	C	-0.0227
rs6907578	A	-0.0191
rs9463121	T	0.0405
rs76807281	A	-0.0858
rs1007274	T	0.0216
rs75414281	A	0.0637
rs145400085	C	-0.0513
rs2444721	G	0.0334
rs72897410	T	-0.1017
rs117010903	T	-0.0761
rs10499160	C	-0.0229
rs78324975	T	-0.0706
rs72984264	G	0.1936
rs1029166	A	-0.017
rs116742444	A	-0.0927
rs62431317	C	0.0666
rs71568147	T	0.0437
rs3806125	T	-0.0269
rs12200527	T	0.0557
rs117419548	A	-0.05
rs117780471	C	-0.0547
rs11961326	T	0.1441
rs145963916	A	-0.073
rs116592302	T	0.0448

rs115552552	T	-0.0662
rs2073067	G	0.0197
rs9371779	T	-0.1632
rs138304423	C	-0.0686
rs7774614	T	-0.0317
rs2328391	G	-0.0383
rs79188767	A	-0.0896
rs9396691	G	-0.0385
rs7767306	C	-0.0278
rs2108924	C	0.0749
rs146334111	T	0.1255
rs140740500	A	0.1205
rs116977633	G	0.0514
rs9486655	C	-0.0329
rs78777101	T	-0.1186
rs12527321	T	0.0426
rs9505301	G	-0.03
rs4714390	A	-0.0209
rs9383831	G	-0.0251
rs76925178	A	0.029
rs56026348	G	-0.0276
rs62387054	A	-0.0254
rs116627795	T	0.1024
rs3065	T	0.0263
rs603859	C	0.0229
rs75950754	C	0.1241
rs72932812	A	-0.0471
rs117992279	T	-0.1042
rs12199829	A	0.0429
rs56046750	C	0.0316
rs72947268	A	0.0792
rs9379661	C	-0.0184
rs12153949	T	-0.0197
rs77246003	A	-0.0594
rs9346476	G	-0.05
rs828636	A	-0.055
rs6920944	T	-0.0286
rs6912625	C	-0.0246
rs75219998	C	0.0912
rs7743501	C	-0.0319
rs428407	T	0.0246
rs210157	T	-0.0181
rs4895601	C	0.0175
rs9402444	G	-0.0341
rs899855	G	-0.0332
rs111750937	A	0.1358
rs13198462	A	-0.0549

rs115061178	A	0.068
rs72827095	T	-0.0798
rs9465660	T	0.1283
rs2234025	G	-0.0716
rs145627627	G	-0.1305
rs138777018	G	0.0964
rs112900413	T	-0.0992
rs697749	G	-0.0185
rs9376499	G	0.0276
rs9373204	G	0.0221
rs111586616	A	0.1551
rs11758161	T	-0.0234
rs17140654	A	0.0258
rs76710640	A	0.0346
rs942642	T	0.0182
rs72948202	A	0.1153
rs114493150	T	-0.0788
rs75868974	T	-0.1154
rs117755420	G	0.0976
rs75949436	T	0.091
rs10945142	A	0.0199
rs78684393	T	0.0609
rs71574629	C	-0.045
rs9456123	C	-0.0699
rs6458206	A	-0.027
rs73468478	C	0.0564
rs9458244	T	-0.0206
rs150385544	C	-0.0797
rs142191821	G	0.1009
rs62432356	T	0.0968
rs118133674	A	-0.1104
rs75650625	C	-0.0844
rs76096820	C	-0.0941
rs671703	A	-0.0278
rs75252708	T	0.0422
rs116748312	C	-0.0814
rs573216	T	-0.1006
rs1977248	C	0.0203
rs75100832	T	-0.1317
rs2655439	T	-0.0254
rs114677976	G	-0.1007
rs6454752	T	-0.0216
rs35316193	A	-0.0356
rs4959184	G	0.0252
rs11152896	G	0.0312
rs4599586	T	-0.0353
rs611413	G	-0.0242

rs6932498	C	0.0248
rs7746874	T	-0.0195
rs13211793	A	0.0225
rs113158611	T	-0.0472
rs12664517	G	0.0452
rs2842623	G	-0.0203
rs80009254	A	-0.073
rs115467887	C	-0.1064
rs6937927	G	-0.0181
rs78983140	G	0.044
rs2477758	A	0.0244
rs1339229	G	0.0169
rs12524904	T	-0.0431
rs2294729	A	-0.0287
rs143249867	T	0.079
rs223615	A	0.1285
rs9457226	A	0.0692
rs4634493	T	0.0281
rs114292923	T	-0.085
rs114690310	C	0.0832
rs602261	T	-0.0472
rs72833726	A	0.0321
rs76430436	C	0.1038
rs701682	T	0.0276
rs9355724	G	-0.0289
rs58276920	A	-0.0842
rs140636335	A	-0.0358
rs138162375	C	0.0938
rs45578845	G	-0.076
rs9464229	T	-0.0239
rs79025812	A	0.1296
rs9479286	A	0.0424
rs57781085	T	0.1291
rs4870059	G	0.0781
rs116554614	T	-0.0962
rs59345044	A	-0.0225
rs6916223	A	-0.0193
rs116988680	T	0.1375
rs2295985	T	0.0286
rs9351294	G	0.0184
rs2614273	C	0.0323
rs138617544	A	-0.0714
rs114071965	A	0.095
rs7746054	T	-0.1246
rs1530306	A	0.0277
rs73738197	A	0.0274
rs2439040	G	0.0173

rs62401130	C	0.0385
rs35048568	T	0.0214
rs9351736	G	0.0428
rs9375428	A	0.021
rs10949397	A	0.0294
rs1562067	G	0.0187
rs117101502	T	0.0943
rs484498	T	0.0168
rs11965437	C	0.044
rs149709859	T	-0.0588
rs7756506	C	-0.021
rs1322667	G	-0.0246
rs1687140	A	0.026
rs115550388	T	0.0447
rs236411	G	0.0228
rs12199493	T	-0.0302
rs17061483	G	0.0539
rs62397618	G	0.0415
rs117187192	A	-0.0453
rs9496500	G	-0.0169
rs1577709	T	-0.0536
rs9482851	T	0.0243
rs78670628	C	0.0721
rs146401688	T	-0.09
rs12195699	T	-0.0427
rs220682	C	-0.0535
rs6901280	C	-0.0318
rs35085819	A	-0.0441
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rs75204191	C	-0.059
rs113477321	T	-0.0461
rs117279411	C	-0.0743
rs150522168	C	-0.0231
rs149187368	A	0.0951
rs9381012	C	-0.0507
rs2635471	G	0.025
rs940920	C	-0.0623
rs847000	T	-0.0285
rs72962728	A	0.0343
rs1535353	C	-0.0236
rs116479312	G	0.075
rs11153434	T	-0.0188
rs66686473	A	-0.0444
rs2811664	G	-0.0408
rs117639105	C	-0.0645

rs11155969	C	0.0598
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rs3024428	A	-0.034
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rs12193223	G	0.0508
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rs73003378	A	-0.0597
rs7768966	T	-0.027
rs145150818	A	0.0399
rs149332166	T	0.0709
rs147963059	A	-0.0581
rs7739006	T	0.0178
rs115066795	T	-0.0624
rs78159733	A	-0.0541
rs7741248	G	-0.0419
rs112436628	G	-0.1207
rs73026247	A	0.0704
rs80038711	G	0.1064
rs6903668	A	0.0339
rs45578734	T	-0.1014
rs11752883	C	-0.1104
rs524693	G	0.0503
rs4947132	C	-0.0297
rs72898398	T	0.0956
rs9320142	T	-0.0287
rs9328061	C	0.0204
rs116392250	C	-0.0985
rs72839013	A	-0.1379
rs12202642	T	-0.04
rs12191758	C	0.0411
rs77771496	A	-0.0905
rs117281614	G	-0.0609
rs9479884	T	0.0238
rs12212557	A	-0.0196
rs9361559	T	-0.0198
rs117721194	C	0.0591
rs12200737	A	-0.0305
rs147468806	T	-0.1175
rs12153871	A	0.0237
rs6915606	C	-0.0277
rs138192737	T	0.0712
rs141310150	A	0.0926
rs149131395	A	0.0803

rs72963565	C	-0.1148
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rs13216887	C	0.0436
rs10947510	C	0.018
rs114119236	A	0.0746
rs78355320	A	-0.0935
rs78310404	A	0.0889
rs145559090	C	-0.0921
rs141362599	C	0.071
rs55710678	G	-0.0205
rs78954049	G	0.0269
rs77151877	T	-0.1155
rs146709625	C	0.1135
rs35647908	C	-0.1134
rs149988324	A	-0.0761
rs6570992	C	-0.0279
rs146411966	A	0.089
rs13209570	A	0.0412
rs146560293	G	0.0581
rs2479092	A	-0.0282
rs149581410	C	0.1183
rs77721334	G	0.0632
rs146956257	G	0.1592
rs36038344	T	0.0571
rs117320420	A	0.1111
rs117160742	C	-0.1016
rs73477937	T	0.0466
rs9383963	C	0.0206
rs1883901	A	-0.0357
rs147297468	C	0.0843
rs12192889	A	-0.1649
rs111772363	T	0.0493
rs9495060	A	0.0569
rs10080528	G	0.0268
rs79128689	A	-0.0393
rs72839148	G	-0.0981
rs62425450	G	-0.0222
rs116909908	C	-0.0949
rs9397388	T	0.019
rs9688479	A	-0.0219
rs4461777	G	-0.0165
rs195420	G	0.0509
rs71568821	A	-0.0819

rs34092665	C	-0.0203
rs112165399	T	0.0842
rs73525129	C	0.0352
rs76782605	C	-0.0875
rs9378640	C	-0.0784
rs2745333	A	0.0179
rs148825753	T	0.0985
rs2502603	T	0.0174
rs16897883	C	0.0273
rs116983004	C	0.0886
rs111347090	A	-0.0666
rs139363138	A	-0.0791
rs79342443	A	0.0224
rs13205081	A	0.0294
rs118188175	T	0.0946
rs147883969	A	-0.0979
rs62396677	T	-0.0255
rs2025660	C	-0.0247
rs72819751	G	0.0312
rs114651263	C	0.0418
rs1080140	T	0.0218
rs115086705	T	-0.0658
rs76587575	A	0.16
rs11755745	C	0.0207
rs79127913	A	-0.0314
rs12663170	C	-0.0648
rs148395656	T	0.0967
rs74440855	T	-0.0893
rs56369933	C	-0.0609
rs141776890	T	-0.1015
rs1928277	T	-0.0389
rs72978072	T	-0.0503
rs9367890	A	0.0168
rs139201639	A	-0.1094
rs9388727	A	-0.0238
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rs9356011	T	-0.0192
rs113996068	A	0.0418
rs114693682	A	0.0446
rs79500768	C	-0.0613
rs197126	G	-0.0411
rs6901970	T	-0.0203
rs75544575	C	0.0403
rs573291	G	0.024
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rs7750167	C	0.0413
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rs9502511	G	-0.043
rs111638801	G	-0.07
rs146643595	T	-0.1051
rs144664609	C	-0.0696
rs118048838	T	-0.1045
rs13193595	A	-0.0253
rs111787177	C	-0.0286
rs148870053	A	0.054
rs147805723	G	0.1131
rs78424533	T	0.0447
rs9400249	T	-0.0197
rs72948552	G	-0.0794
rs17196103	A	-0.0752
rs138375036	A	0.1086
rs6923464	C	0.0772
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rs9399964	T	0.0251
rs78892371	G	0.0694
rs789942	C	0.0191
rs637547	A	0.0273
rs149487143	G	0.0549
rs900475	G	0.0179
rs80256901	C	0.0475
rs145790455	A	-0.1186
rs149538228	T	0.0669
rs4714585	G	0.0312
rs1466202	A	-0.0236
rs9370441	T	-0.0174
rs13204324	A	0.0669
rs11243151	C	0.06
rs7750629	C	-0.0175
rs9392407	A	0.0283
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rs62419590	C	0.0636
rs7770982	G	0.0274
rs62421039	T	0.027
rs9403314	T	-0.0191
rs145046912	T	0.0816
rs180002	A	-0.0178
rs139886310	G	0.0758
rs12201612	G	0.0225
rs2183690	C	-0.076
rs12200698	A	-0.0189
rs11759075	T	0.0296
rs80043268	G	-0.0416
rs11964938	A	0.0314

rs9354726	A	0.0175
rs74603364	T	-0.053
rs7764374	T	0.0278
rs197897	A	-0.035
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rs803386	A	0.0462
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rs150360	A	-0.0181
rs1743953	T	0.0337
rs73633603	C	-0.036
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rs77626560	T	-0.0883
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rs11751448	G	0.017
rs693145	A	0.0419
rs75962856	C	-0.0628
rs62393012	C	0.0311
rs317796	C	0.0249
rs4960027	G	0.0188
rs117488433	G	-0.0506
rs59305149	C	0.0464
rs77492816	A	-0.06
rs58942070	C	-0.028
rs12173751	G	-0.0285
rs34843161	A	-0.0445
rs143285466	A	-0.0843
rs112204664	A	-0.024
rs79257481	G	-0.052
rs41306045	T	-0.0684
rs75110573	G	-0.1366
rs143251971	G	0.078
rs10946358	T	-0.0212
rs13198476	T	-0.0736
rs13192185	A	0.0299
rs1040941	A	0.0166
rs12199300	T	0.0336
rs9401098	C	0.0341
rs117824536	C	-0.0563
rs35891907	C	-0.0263
rs11242780	C	0.0402
rs12191029	A	-0.0434

rs112159673	C	0.0411
rs71564466	G	0.0902
rs138109148	C	-0.0737
rs4645455	G	-0.0253
rs35634786	A	0.0265
rs75603749	T	-0.0844
rs4714803	G	0.0192
rs9451755	T	-0.0213
rs4448103	A	0.0181
rs62432310	C	0.0261
rs75986277	G	-0.0508
rs9363609	T	0.0188
rs72910506	C	-0.0848
rs6458005	G	0.0519
rs10948246	G	0.0348
rs13205141	T	0.1055
rs2997096	T	0.0191
rs11759003	A	-0.0185
rs6907762	T	-0.0901
rs79242960	T	-0.053
rs3093015	G	-0.0253
rs9504466	C	-0.0169
rs117440298	G	0.0818
rs73436114	C	0.1162
rs1576241	A	0.0167
rs1591728	G	-0.0183
rs73037389	C	0.083
rs4639390	C	-0.0571
rs72834577	T	0.0978
rs12524090	A	0.0594
rs55714725	T	0.0881
rs113870285	C	0.0734
rs75742947	T	0.0877
rs12661024	A	0.0929
rs77914691	G	0.0397
rs17816030	T	-0.0225
rs114387324	G	-0.0473
rs9486330	T	-0.0243
rs77267637	A	0.0536
rs9488698	C	0.017
rs75430078	A	0.0538
rs7739354	G	-0.0169
rs147646090	C	-0.0869
rs11962345	G	0.018
rs2211241	G	-0.0235
rs6915259	T	0.0397
rs11156164	C	0.0259

rs114153557	A	-0.0721
rs118033237	A	-0.0822
rs73005197	T	0.0902
rs1736511	G	-0.0193
rs9345992	C	0.0522
rs9371242	T	0.1232
rs28451072	A	-0.0275
rs220422	T	-0.0252
rs145428571	A	0.0752
rs117529806	C	0.16
rs4709298	C	-0.0228
rs9481003	A	0.0407
rs2093518	A	0.0648
rs2328261	A	-0.0178
rs75351148	G	-0.0575
rs17814604	G	-0.0203
rs13211771	C	0.0916
rs148375482	T	-0.0906
rs503456	G	-0.0402
rs12195664	A	-0.0202
rs72998327	C	-0.0854
rs8180559	A	0.0188
rs113274256	T	-0.0438
rs35150263	A	-0.0855
rs73533310	G	-0.0487
rs62429920	A	0.0924
rs79239612	A	-0.0521
rs6930877	A	-0.0387
rs77816364	A	0.0836
rs145949299	G	0.0801
rs115461370	A	0.0595
rs55964643	G	0.0194
rs1581717	A	-0.0164
rs1032418	T	0.0169
rs1150616	A	-0.023
rs432753	C	-0.0212
rs12215017	T	0.0207
rs150007382	A	-0.0979
rs794113	C	-0.0273
rs115548555	T	0.0591
rs71569388	C	0.0272
rs117391588	T	-0.0479
rs4424058	A	-0.074
rs145550847	A	-0.076
rs9322597	T	0.0176
rs72822327	A	0.0978
rs117632033	C	0.0811

rs113609522	G	0.1599
rs41270565	A	-0.0561
rs139169578	T	0.0745
rs72874588	G	-0.038
rs6937293	T	-0.0231
rs148562661	G	-0.1271
rs2328602	G	-0.032
rs144600472	T	-0.0742
rs75581061	G	-0.0297
rs62408584	A	0.0587
rs240873	A	-0.0189
rs35787156	G	0.0876
rs1408501	G	-0.0239
rs76702047	G	-0.084
rs140747790	A	-0.1186
rs7750307	G	0.0199
rs568567	G	-0.0237
rs78198851	T	-0.032
rs143997521	C	-0.071
rs702290	G	0.0201
rs117670030	G	0.0663
rs751873	T	-0.0175
rs686168	T	0.042
rs6921033	A	0.0781
rs6457926	G	0.0338
rs77837613	A	0.0722
rs117956394	C	0.0883
rs9451862	T	0.0636
rs210644	G	0.0216
rs12202134	G	-0.0724
rs74594114	T	0.0359
rs142721902	T	0.1164
rs6935970	T	-0.0189
rs12202051	A	0.0235
rs79177630	G	-0.0425
rs2503633	G	0.0194
rs143698223	G	0.0308
rs62425372	A	-0.0357
rs80228707	A	0.1125
rs9375320	A	-0.027
rs10872604	T	-0.0183
rs150116044	A	0.0764
rs7747276	A	0.0187
rs75195214	T	0.0268
rs145174666	A	0.0716
rs7088	T	-0.0205
rs143049119	A	-0.117

rs144956709	C	0.073
rs79350134	T	0.076
rs3914898	C	0.0204
rs73788320	T	-0.0329
rs138361561	C	-0.1087
rs7751381	T	0.0288
rs117674852	T	-0.0482
rs12524288	A	0.0399
rs77038275	C	0.0688
rs58946825	A	-0.0463
rs9355987	T	-0.0177
rs144220310	G	-0.1189
rs13203744	C	0.0736
rs34857211	T	-0.0217
rs941814	G	-0.0544
rs140707994	A	0.0913
rs66472208	A	-0.0184
rs139739446	A	-0.0951
rs742102	A	-0.0646
rs9463249	A	-0.0276
rs2608903	C	-0.0185
rs803420	T	0.0173
rs113363514	G	-0.0453
rs112903134	G	0.0305
rs113669475	A	-0.069
rs62402408	G	0.0582
rs2058733	G	0.0714
rs77386420	G	0.0304
rs11755556	A	0.0249
rs36020905	G	0.0733
rs35163034	G	0.0758
rs10499259	G	-0.0221
rs12523669	C	-0.0191
rs156130	C	0.0175
rs9380549	A	-0.0233
rs117541436	T	-0.0741
rs143147350	A	-0.0678
rs2018906	A	0.0165
rs114435980	C	-0.0895
rs6454911	G	-0.0196
rs17795453	G	-0.0386
rs11755540	G	0.0827
rs114549697	G	0.0834
rs2776911	T	-0.0192
rs77857409	G	0.096
rs78677840	C	0.0476
rs6900651	G	0.0202

rs707793	T	-0.017
rs9385678	C	-0.0304
rs6941319	G	-0.0295
rs11963795	T	-0.1026
rs72956116	C	0.0601
rs540391	A	0.0523
rs72836324	A	-0.0319
rs78770847	G	-0.0408
rs17141163	T	0.0657
rs116936782	G	-0.0806
rs78372511	A	-0.0922
rs1535833	T	-0.019
rs111709940	T	0.0548
rs72992089	T	-0.0249
rs75324476	C	0.0647
rs7767794	G	0.0407
rs114128170	A	-0.0727
rs75637467	T	-0.057
rs2040017	C	-0.0306
rs11967552	A	0.0734
rs4527728	A	0.0179
rs117096532	A	0.0605
rs77805549	G	-0.0509
rs774433	A	0.0252
rs146055380	G	0.0249
rs76786839	G	-0.0652
rs6921338	A	0.0168
rs572435	C	-0.0178
rs9458255	A	-0.0234
rs707821	A	0.0256
rs34515178	T	-0.0497
rs76031565	A	-0.0709
rs9458051	C	-0.0173
rs11753744	A	0.0337
rs9360407	G	-0.0251
rs621829	T	-0.0185
rs6940982	G	-0.0211
rs62416063	G	-0.0438
rs17461397	T	0.0203
rs55759606	T	-0.0259
rs1847912	G	0.0188
rs150026961	C	0.0803
rs74507270	G	0.0503
rs12200057	T	-0.0765
rs117136394	G	0.0684
rs9348979	G	-0.0194
rs73027171	C	0.0899

rs67183699	A	0.0436
rs116929968	G	0.0729
rs143638510	C	-0.0907
rs72886982	T	-0.0576
rs2495977	G	-0.017
rs79173537	C	-0.1068
rs151270311	A	-0.0917
rs74867371	G	-0.0826
rs17712618	G	-0.0601
rs12174742	A	0.0421
rs2451334	A	-0.018
rs6935334	C	0.0207
rs60539412	G	0.0306
rs148264510	C	0.0644
rs78737248	G	0.0859
rs6458116	C	-0.0236
rs116171420	T	0.0587
rs72841082	T	-0.0455
rs114415241	T	0.09
rs80136615	T	-0.0874
rs117332921	G	0.0777
rs115017759	T	0.1029
rs426656	G	-0.0412
rs9348539	T	0.0188
rs77258054	T	0.0499
rs77503400	T	-0.1284
rs140877316	A	-0.0842
rs56150020	A	0.0323
rs12196721	C	-0.0171
rs117016594	T	0.073
rs3127645	T	-0.0201
rs140656472	T	-0.13
rs11964034	C	0.0186
rs80254806	A	-0.0943
rs117523287	A	-0.0629
rs2438064	C	-0.0193
rs10806416	C	-0.0191
rs4706387	T	0.0218
rs117588225	A	-0.0886
rs9477127	G	0.0229
rs72837788	A	-0.0564
rs150334185	C	0.0975
rs67252443	G	-0.0228
rs16884136	A	-0.0626
rs4371833	C	0.0217
rs10455308	T	0.0509
rs4626416	C	-0.0171

rs80001416	T	0.0489
rs6920693	C	-0.0171
rs77839777	A	-0.0665
rs7765179	A	0.0416
rs36025386	G	0.0565
rs9485915	C	0.0408
rs142751994	A	-0.073
rs9342188	C	0.0334
rs111720445	A	0.049
rs11154200	C	0.0181
rs116869427	C	-0.1207
rs59965691	G	0.0691
rs150927488	T	0.1077
rs41274878	T	-0.1053
rs12206089	T	0.09
rs34124489	C	0.082
rs77947727	A	-0.1782
rs9489115	G	0.041
rs143965788	T	-0.1187
rs9376422	T	0.0165
rs7768595	G	0.0238
rs71573682	C	0.0607
rs145162876	T	0.0832
rs4870372	T	-0.021
rs28844436	T	-0.1348
rs12198930	A	0.0304
rs9322787	T	-0.02
rs62427699	T	0.0837
rs113775105	G	-0.0355
rs17631294	C	0.0453
rs6902733	T	-0.109
rs111425246	G	0.098
rs72963808	T	-0.0778
rs111483004	T	0.048
rs114051311	A	-0.1051
rs114262246	A	-0.0717
rs77835974	T	0.0895
rs112964954	C	-0.0737
rs72817750	T	0.0772
rs112316846	G	-0.0332
rs75240679	C	0.1139
rs35830149	T	-0.0189
rs72912775	A	-0.0533
rs648248	C	0.0268
rs55905825	T	-0.0402
rs72945523	G	-0.1115
rs113570629	G	0.0506

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rs113248545	C	0.064
rs7774786	T	0.071
rs9471574	A	-0.0257
rs9342222	C	-0.1272
rs117312426	A	0.1271
rs1223053	T	0.0637
rs3777925	A	-0.0271
rs12194068	C	0.0174
rs76109953	A	0.1036
rs72818396	C	-0.062
rs10455539	T	-0.0205
rs77414620	A	0.0297
rs79720883	G	-0.0875
rs7768493	G	0.0445
rs10485046	G	0.0422
rs6569265	T	0.0228
rs117844585	A	0.0493
rs8191728	G	-0.0327
rs77612799	T	0.0605
rs7742585	C	0.039
rs62621664	T	-0.1133
rs117338889	T	0.0766
rs9403064	G	-0.0189
rs11575835	T	-0.0663
rs115874035	C	0.1152
rs10457183	T	0.027
rs117882367	A	0.1073
rs142722674	T	0.1023
rs143950455	T	-0.1149
rs35449987	A	0.1111
rs9384333	A	-0.0208
rs41289361	G	0.1024
rs146777656	T	-0.026
rs6909376	T	0.019
rs115493680	A	-0.0598
rs1407209	T	0.0513
rs56125128	G	0.0186
rs1233894	T	-0.0277
rs7774317	C	-0.0279
rs13218465	T	-0.1044
rs9486291	T	-0.0264
rs76780347	A	-0.0477
rs147256622	T	0.1348
rs621796	T	-0.0173
rs112999365	T	-0.069

rs10484667	T	-0.0963
rs2237106	T	0.1096
rs62411297	A	-0.0416
rs9400207	G	-0.0195
rs62396735	C	0.0192
rs112030155	T	0.0612
rs7357076	C	0.0205
rs9296525	A	0.057
rs79647247	C	0.0964
rs117140950	A	0.0773
rs2076186	A	-0.0484
rs35632400	A	0.022
rs2223767	C	0.0713
rs12193433	G	0.0196
rs62401887	G	-0.0203
rs76648182	T	0.0703
rs2223440	G	0.0229
rs117267712	G	-0.1279
rs367274	T	0.0161
rs62441224	T	0.0191
rs78309979	C	0.0717
rs6902309	T	0.0184
rs1885627	C	0.1122
rs11967051	G	0.0597
rs114987593	T	-0.0727
rs4960236	T	-0.0262
rs262907	G	0.0188
rs760612	A	-0.0377
rs116926974	A	-0.0808
rs3819726	A	0.0267
rs1407658	T	0.0392
rs227475	A	0.0783
rs114415531	C	0.063
rs926624	G	0.0175
rs676740	G	-0.0234
rs1022107	G	-0.0251
rs62388789	T	0.0649
rs516515	C	-0.0477
rs76966106	T	-0.0413
rs11757727	G	-0.0207
rs16872095	G	0.0304
rs4707479	T	0.0194
rs9405270	G	0.0423
rs11962222	T	0.0822
rs118154429	T	-0.1071
rs6921083	T	-0.0179
rs79354452	C	0.1197

rs114005035	C	-0.0591
rs12528194	A	0.0723
rs74996370	T	0.0766
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rs71573702	T	0.0247
rs117397529	G	-0.0588
rs112634302	T	-0.0802
rs35824890	T	-0.0407
rs79844558	A	0.0487
rs12523876	T	-0.0362
rs17540607	G	0.0233
rs6940144	G	0.0246
rs75714781	A	0.0713
rs6455266	C	-0.0188
rs10943427	A	0.0223
rs139932581	G	-0.0389
rs9403856	T	0.028
rs551499	T	-0.0164
rs6932569	G	0.0195
rs2235142	C	-0.0297
rs149649744	T	0.0494
rs55820941	A	-0.0637
rs4473872	G	0.0234
rs17221703	A	0.0643
rs6570865	A	0.0196
rs146172821	C	-0.1019
rs17617930	G	0.0506
rs77960115	T	-0.0965
rs12198790	T	-0.0258
rs80077363	T	0.0955
rs3822969	A	0.0309
rs17625497	A	-0.0185
rs111518623	C	-0.1033
rs75718246	T	-0.1
rs34746412	A	-0.0866
rs76050460	T	-0.0426
rs117526298	C	0.0619
rs141329741	G	-0.0685
rs117718501	A	0.0529
rs117547145	C	-0.102
rs13197982	T	0.0205
rs17496723	A	0.0177
rs75496356	A	0.0501
rs142150611	A	0.0845
rs445693	C	0.0741
rs73026765	A	0.0363
rs6915373	T	0.0579

rs17055158	T	0.0496
rs76299747	A	-0.0774
rs117474134	A	0.1276
rs9502035	C	0.0242
rs9350149	T	0.0591
rs72867257	T	-0.0491
rs12204754	C	0.0427
rs145168291	A	0.1159
rs144684832	A	0.1379
rs13219222	C	0.0195
rs12530065	T	-0.081
rs1265337	C	-0.0773
rs1181555	G	0.0235
rs140894313	G	0.1135
rs62432464	T	-0.051
rs72952065	C	-0.0365
rs62437750	A	-0.0377
rs77944731	C	0.0465
rs4839796	T	-0.0202
rs74664164	T	0.0826
rs76198360	T	0.1196
rs115076031	T	0.0798
rs9354868	C	0.017
rs117426102	T	0.1172
rs76338706	A	-0.0763
rs1466533	A	0.0238
rs9382932	A	-0.0189
rs147171865	T	0.0881
rs78336757	T	0.1344
rs733701	T	0.0187
rs11966342	C	-0.02
rs138331459	G	-0.1382
rs149699848	A	-0.1111
rs4305776	C	0.0236
rs76676412	A	0.0632
rs1408459	C	0.0183
rs72650640	C	0.059
rs112554699	C	-0.0626
rs113068239	T	0.0465
rs59448052	A	0.0676
rs138760086	C	0.1025
rs80108596	C	-0.0537
rs115274935	T	0.0644
rs111784690	T	0.1069
rs13204629	G	-0.0259
rs79461099	T	0.0307
rs2013003	T	0.0576

rs16883665	C	0.0841
rs76760015	C	-0.0616
rs556742	T	-0.0166
rs11758732	C	-0.0553
rs116869609	A	-0.102
rs4346826	G	0.0236
rs7764505	C	-0.0291
rs149152777	T	0.0937
rs12199767	T	-0.0707
rs2178127	T	-0.1042
rs12190176	G	-0.0164
rs434602	C	0.0173
rs17737759	C	0.0417
rs6913681	A	-0.0217
rs7383484	T	0.0196
rs75920132	C	0.0766
rs488862	A	0.0544
rs4490653	A	0.075
rs9446109	A	-0.0226
rs117630704	C	0.0737
rs9381953	C	0.0907
rs12212499	A	-0.0529
rs76707786	A	0.0451
rs60336430	A	0.0267
rs11752769	T	-0.0213
rs66805874	C	0.038
rs114976735	A	0.1347
rs143752285	A	-0.0826
rs2495990	A	-0.0172
rs12201679	T	-0.021
rs144886986	T	-0.0826
rs56211045	A	0.0595
rs17383629	G	-0.0522
rs200232	T	0.019
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rs75673873	T	0.0614
rs13219339	G	-0.0165
rs4424056	T	0.0215
rs4385343	T	0.0481
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rs7757204	C	-0.0254
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rs73396412	G	-0.0815
rs4714770	T	0.0196
rs114255266	A	0.0794
rs660153	T	0.0279

rs113451798	T	-0.0581
rs10455086	T	0.0167
rs62427435	A	-0.0219
rs62392414	A	-0.0451
rs76629292	A	-0.0209
rs7758106	A	-0.0194
rs139211404	C	0.0189
rs595298	A	0.016
rs467304	T	-0.0186
rs76387507	C	0.0993
rs34425373	C	0.0263
rs7774312	G	0.0265
rs6934225	A	0.0177
rs448190	T	-0.0187
rs62394951	A	-0.0935
rs74543915	T	0.0229
rs118051759	G	0.0557
rs76869551	C	-0.0924
rs4707752	A	-0.0583
rs117622458	T	-0.1065
rs58270293	C	0.0682
rs73003057	T	-0.046
rs12210263	C	0.049
rs62420104	T	-0.0212
rs75972333	G	0.0788
rs10305432	C	0.0229
rs12197250	A	0.02
rs72841669	T	-0.0195
rs12055409	A	-0.0166
rs7454644	C	0.0677
rs118066307	G	0.1113
rs7738520	A	0.0177
rs9478188	T	-0.0505
rs6928736	T	0.0561
rs150205636	T	0.0973
rs9449256	C	0.0714
rs150500269	T	0.1244
rs12213034	G	-0.0211
rs80347742	G	0.0637
rs6570317	C	-0.0308
rs116993891	A	0.0726
rs12214941	C	-0.023
rs9471750	T	0.0476
rs12333172	T	-0.0224
rs75719339	A	-0.0551
rs141647808	T	-0.112
rs115557837	C	-0.07

rs78859830	G	-0.0275
rs9392815	T	-0.0334
rs62453672	G	-0.1031
rs118015324	A	-0.0683
rs116971478	T	0.0874
rs6926672	T	-0.0278
rs77997043	C	0.0565
rs143498712	T	0.1522
rs6920363	A	0.0609
rs2294776	G	0.0219
rs114285775	G	0.0445
rs2237192	T	0.0303
rs116761339	C	-0.0742
rs117632195	C	0.0588
rs2759264	C	-0.0178
rs116938321	A	0.0912
rs80026287	A	-0.082
rs12189820	T	-0.1206
rs7751456	G	0.0169
rs72927977	T	0.0866
rs76979774	A	-0.0933
rs117032570	G	-0.0566
rs285977	C	-0.018
rs34390485	G	-0.055
rs2787900	A	0.0245
rs75771395	A	-0.0803
rs9464132	G	-0.0229
rs910321	A	-0.0391
rs72935743	T	-0.0279
rs9358742	C	0.0158
rs111443140	C	0.0678
rs148909721	G	-0.1219
rs56056045	G	0.0653
rs61197453	C	0.0288
rs77262091	T	0.0536
rs151142289	A	-0.0825
rs111675957	G	0.1173
rs80238595	A	0.0979
rs62429592	A	0.0491
rs9494682	G	0.0562
rs61523006	G	-0.0731
rs6921178	G	-0.0221
rs9472516	G	-0.0177
rs117174663	A	0.079
rs4085784	A	0.0204
rs75164695	C	0.1595
rs114910239	T	-0.0512

rs111610028	G	-0.0847
rs71565360	C	0.0312
rs72873364	T	-0.04
rs117372007	T	0.0807
rs117884747	T	0.1079
rs11758349	G	0.0517
rs73744913	T	-0.0313
rs17071524	T	-0.0927
rs143338725	A	0.0557
rs17884696	T	0.0938
rs13215600	T	0.0222
rs62422864	A	-0.0186
rs9401138	T	0.0469
rs35018037	T	-0.0496
rs732080	A	0.0253
rs1079154	T	-0.0551
rs112928054	A	0.0855
rs117426532	G	0.0871
rs75144846	A	0.0456
rs116536492	T	-0.0542
rs55913593	C	-0.0206
rs1246188	G	-0.0194
rs7761574	C	0.0224
rs146951951	C	-0.069
rs72986611	G	0.0281
rs9473196	C	0.0175
rs117804419	A	-0.061
rs526865	A	-0.0228
rs115062655	C	-0.0411
rs545825	T	-0.0506
rs138041388	C	0.0715
rs139523347	C	0.0624
rs12192824	A	0.0816
rs59857461	T	-0.0199
rs2501516	T	-0.0863
rs141060908	A	0.1287
rs9402234	T	0.0502
rs147992165	G	0.0918
rs11968072	C	0.0437
rs4711674	G	-0.0229
rs72959316	T	-0.0872
rs9405327	C	0.0235
rs113473182	A	0.0297
rs115635276	G	0.1033
rs117548956	A	-0.0602
rs76863489	C	0.0421
rs75634124	C	0.076

rs9354216	T	-0.0204
rs11962783	C	0.037
rs9471595	T	-0.0225
rs782674	A	0.0349
rs6919959	C	0.0168
rs412771	G	0.0551
rs10046376	C	0.0558
rs236956	A	-0.0165
rs145452073	T	0.0828
rs9386490	G	0.0201
rs62427370	T	-0.0516
rs11756060	T	-0.0971
rs13207588	A	-0.0267
rs7758731	G	-0.017
rs113978517	T	-0.0778
rs117838821	A	0.035
rs9487777	C	-0.0629
rs80197184	T	-0.0561
rs9294133	T	0.0256
rs7772349	A	0.0184
rs2784890	G	-0.0159
rs115784238	T	-0.0949
rs4368803	T	-0.0172
rs12189947	A	-0.0411
rs72831043	T	-0.0751
rs117197955	G	-0.1097
rs77663813	T	0.1089
rs13220668	T	-0.0751
rs62397915	A	-0.0353
rs141585961	T	0.0833
rs140954064	C	-0.0604
rs13206766	T	-0.0213
rs72905752	G	0.0554
rs12201879	A	-0.0181
rs1675915	T	0.0177
rs7738923	C	-0.0809
rs78052165	T	-0.0562
rs145043726	A	0.1076
rs2474265	T	-0.0329
rs142116833	A	0.1046
rs7749823	C	-0.0243
rs4053615	C	-0.0178
rs73572752	A	-0.0701
rs73021941	A	0.0218
rs114652147	A	-0.0503
rs112998638	A	0.0389
rs76506288	C	0.0799

rs117024834	T	-0.089
rs12216028	A	-0.031
rs77425684	T	0.0537
rs9472250	T	0.0161
rs7741147	C	0.0273
rs9376074	C	-0.0168
rs144789875	C	-0.1063
rs147278660	A	-0.072
rs116287338	G	-0.0658
rs77043406	A	-0.0518
rs6908928	C	-0.0465
rs62441190	A	-0.0352
rs73040309	T	-0.0372
rs149477097	T	-0.0822
rs3734316	T	0.0219
rs11156357	A	0.0313
rs2223621	T	-0.0161
rs55963754	C	-0.0498
rs77633150	C	-0.0433
rs1188829	T	-0.038
rs9471553	C	-0.0201
rs147936503	T	-0.0882
rs12212058	T	-0.061
rs7770529	T	-0.0186
rs117979546	G	0.0675
rs62418809	G	-0.0983
rs117203708	C	0.0508
rs79916965	A	-0.0443
rs116222360	G	0.0679
rs72885182	G	-0.0826
rs354365	C	-0.0158
rs9392835	G	-0.0664
rs114681109	T	-0.1438
rs73433687	T	0.1096
rs118049203	C	0.0564
rs80116720	T	-0.0259
rs62436044	T	0.0924
rs67123029	T	0.0576
rs79253164	A	-0.0538
rs214432	A	-0.018
rs9465124	C	0.0912
rs9394337	T	-0.0727
rs72942747	C	0.0616
rs71555328	A	-0.0727
rs140813448	G	-0.079
rs57915701	T	0.0196
rs2269058	G	0.0163

rs143173586	T	0.0655
rs7740073	C	0.0191
rs9466766	G	0.0342
rs1977059	T	0.0471
rs115008112	A	-0.0292
rs236446	T	-0.0175
rs10456992	A	0.0164
rs115036623	A	-0.0276
rs10080387	G	0.017
rs62397735	C	-0.0351
rs1853522	T	-0.0609
rs12213157	G	-0.0197
rs73035314	A	0.0536
rs6454096	A	0.0154
rs77632648	G	0.0477
rs147414811	C	-0.076
rs17139269	C	-0.0265
rs76990366	A	0.0567
rs72822330	A	-0.0763
rs76464067	T	-0.1121
rs62437357	T	-0.0291
rs34354954	T	0.0201
rs9466697	C	-0.0166
rs149861887	G	-0.1103
rs62434758	G	-0.0282
rs1080261	G	-0.0227
rs6570634	T	-0.0182
rs75882651	T	-0.065
rs9505870	A	0.0414
rs114074958	G	-0.0509
rs146291514	T	0.092
rs1753288	G	-0.0171
rs35216375	A	-0.04
rs77466265	A	-0.0696
rs113454146	A	-0.0288
rs28385699	T	-0.0538
rs4897291	C	-0.0393
rs78653318	A	0.0492
rs4715958	A	0.0278
rs75913810	A	-0.0664
rs17635304	A	0.0164
rs55871727	T	-0.0167
rs114467971	C	0.058
rs648253	A	-0.0156
rs79336333	T	0.0602
rs72857302	T	-0.1359
rs17447588	C	0.0201

rs12199099	G	0.0845
rs113737349	A	0.0634
rs78336780	T	-0.0496
rs267194	A	-0.0156
rs117628228	C	0.0392
rs150011076	T	0.1154
rs72842539	C	0.0299
rs72978160	A	-0.0621
rs35067097	G	-0.0918
rs117874193	G	-0.0997
rs2457330	A	0.0174
rs74915337	A	0.0303
rs115881400	C	-0.0785
rs1408027	C	0.0172
rs75839360	C	0.0542
rs78158615	C	-0.1452
rs115533396	A	0.0601
rs370058	A	0.0244
rs743870	T	-0.0157
rs72861802	A	0.0286
rs4714896	C	0.0193
rs11966254	C	0.0777
rs17052129	T	0.0711
rs9784885	T	-0.0166
rs117152997	A	-0.0883
rs4260772	T	-0.0417
rs11759651	T	-0.0202
rs143490941	T	-0.0924
rs17065667	T	-0.0239
rs4712026	G	-0.025
rs79359868	G	0.081
rs116469676	T	0.0841
rs62431013	T	0.077
rs138654798	T	0.1064
rs9476741	A	-0.0406
rs2025984	A	-0.0184
rs138578493	T	0.0622
rs6571061	T	0.0393
rs113362227	T	0.0825
rs146306968	G	-0.0821
rs9400058	G	-0.0303
rs6457733	C	-0.0154
rs6458012	G	-0.0165
rs954818	A	0.0208
rs76643471	T	0.0327
rs111622678	T	0.0828
rs2454133	C	-0.0733

rs2673305	A	-0.0224
rs73000626	T	0.0558
rs12665561	A	0.0177
rs116597145	T	0.0582
rs17753035	C	-0.0203
rs4710126	T	0.0187
rs73034306	A	0.0374
rs1743947	T	0.0425
rs74713348	T	0.0368
rs9368153	G	-0.0951
rs75157698	A	0.079
rs76122491	T	-0.054
rs1794817	A	0.0218
rs77148132	G	-0.035
rs60089353	T	-0.0344
rs78675746	A	-0.0339
rs77445839	A	0.1099
rs138869222	A	0.1467
rs11961028	A	-0.0282
rs13220008	G	-0.0292
rs1931786	A	-0.0225
rs72824755	A	-0.0433
rs150373548	T	0.075
rs12525869	A	0.0182
rs77830836	G	-0.0728
rs62442055	C	-0.1185
rs117662743	G	0.0467
rs4034228	T	0.0174
rs13191871	A	0.0251
rs113255646	T	0.0958
rs41271324	A	0.0581
rs10947458	T	-0.023
rs148161536	C	0.114
rs13215189	A	-0.0423
rs632385	T	0.0203
rs11760175	G	0.0434
rs2206926	C	-0.0264
rs73008259	A	0.08
rs79719606	T	0.0466
rs78918643	C	0.0868
rs77680302	A	-0.0569
rs7760898	G	0.0702
rs1322643	T	0.0167
rs9402593	T	0.0353
rs75190083	T	0.042
rs175855	T	-0.0221
rs235147	A	-0.0158

rs117468593	T	0.0969
rs73017498	C	0.1054
rs6570675	A	-0.017
rs35505521	A	-0.0436
rs10944575	C	0.0157
rs6455639	A	0.022
rs74389935	T	-0.0628
rs75280925	C	0.0849
rs7759630	C	-0.0252
rs6934829	G	0.0196
rs12661831	A	-0.0262
rs146817300	T	0.0762
rs1889889	A	0.035
rs6916465	T	0.0347
rs362928	C	-0.1
rs36016088	G	-0.0316
rs140488464	A	0.0551
rs140682696	T	0.1245
rs2056937	C	-0.0169
rs833802	C	0.0245
rs141518116	C	-0.1023
rs1145785	G	-0.0183
rs10457665	G	0.0599
rs13211784	G	0.0235
rs77024033	C	-0.0987
rs12203964	A	0.0497
rs77581107	G	-0.0693
rs62391066	G	0.0441
rs116287594	G	0.0983
rs114467368	G	0.0426
rs1543404	T	-0.0157
rs9380475	T	-0.0226
rs9471813	T	0.0314
rs138783171	G	0.0547
rs116265755	C	0.1273
rs1997858	C	0.0157
rs55641385	A	-0.0644
rs9359512	G	0.0196
rs763247	C	-0.016
rs12214167	G	0.0215
rs117816668	C	-0.0757
rs150022964	G	0.1212
rs12199594	A	0.0479
rs74840397	G	-0.1252
rs61336829	C	0.0236
rs73001817	G	0.033
rs34895403	C	-0.0578

rs111908096	T	0.0814
rs117020137	A	0.0618
rs62435526	A	0.0777
rs11756027	C	0.0188
rs7771802	C	-0.0864
rs6932028	T	0.051
rs6905055	G	-0.0275
rs62395096	G	-0.0358
rs4713936	C	-0.0161
rs9357251	T	0.0159
rs13202834	G	0.0662
rs9459625	G	0.0164
rs72977763	A	0.0407
rs59080024	T	-0.0188
rs510088	A	-0.0179
rs143447360	T	-0.102
rs79936183	G	-0.0382
rs1300164	C	0.0598
rs201017	G	-0.0184
rs77714440	C	0.0503
rs12200597	G	0.044
rs9376280	A	0.016
rs2743019	G	-0.051
rs9398530	T	-0.0174
rs139647088	C	0.11
rs144523881	C	0.0849
rs17078062	C	0.02
rs117429693	T	-0.0969
rs12199285	C	0.1129
rs10807397	G	-0.0151
rs115461793	A	-0.0536
rs75833726	C	-0.0901
rs11152998	A	-0.021
rs6596868	G	0.0162
rs7764540	A	0.0793
rs77442135	A	-0.0237
rs34324334	T	0.0402
rs117197310	A	0.0384
rs138162252	G	0.0628
rs78857090	T	-0.0637
rs9394804	T	0.0338
rs144678090	A	0.1342
rs111839599	G	0.035
rs62390276	A	-0.0231
rs10946366	G	-0.0153
rs1192040	T	0.0227
rs2505033	G	0.0161

rs13200235	G	0.0252
rs3861470	T	0.0236
rs117378100	T	0.0505
rs145251451	A	-0.1053
rs1034058	C	0.0188
rs3814080	G	0.0163
rs4714010	T	0.0159
rs9376716	G	0.0293
rs360557	C	0.0154
rs117683676	A	-0.0454
rs117027165	T	0.1084
rs1224330	T	0.0158
rs144648465	C	0.0703
rs9489504	T	0.0162
rs146736338	A	0.0767
rs6938922	A	0.0311
rs9464379	T	-0.0182
rs76695086	C	-0.0159
rs4617006	A	-0.0192
rs146097993	C	-0.055
rs9386531	T	-0.0665
rs10872180	C	-0.0172
rs10457446	T	-0.0157
rs2277081	A	0.0154
rs877943	G	-0.0168
rs66896554	G	0.02
rs9479843	T	0.0325
rs10485151	A	-0.0224
rs11155981	G	0.0438
rs114049180	A	-0.0796
rs13213678	C	-0.035
rs116735766	T	0.0602
rs114173740	C	-0.0758
rs13192868	G	-0.0275
rs117905487	G	0.0724
rs139337437	T	-0.0861
rs77849165	G	0.0756
rs116983845	A	0.0807
rs3850237	A	0.0435
rs73780805	C	0.0645
rs12211228	C	0.0225
rs77993542	T	0.0886
rs12196493	G	0.0348
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rs62444018	T	-0.0304
rs12525504	C	-0.0264

rs7739802	C	0.0158
rs2561424	A	0.0716
rs142145473	T	-0.1491
rs9487863	A	-0.0154
rs78195620	G	0.0458
rs77093815	T	0.07
rs5012873	C	0.0261
rs7762812	G	-0.0168
rs2021966	G	-0.0153
rs141378584	A	0.0574
rs9340840	T	0.0509
rs73043938	A	0.0806
rs1125640	C	0.0304
rs142886166	T	0.0467
rs2787901	C	0.0231
rs146687921	T	-0.0744
rs79905498	T	0.064
rs77581947	G	-0.0373
rs2789065	A	-0.023
rs139061868	G	-0.12
rs147462711	G	-0.0632
rs62426455	C	-0.0522
rs9479548	G	-0.0177
rs73537796	A	-0.1017
rs9285478	C	-0.0183
rs146728068	C	0.0434
rs13209535	G	-0.0269
rs150858221	A	-0.0812
rs9498294	T	0.0212
rs9456909	A	0.0198
rs9396473	C	0.0488
rs9388039	T	-0.0333
rs967300	T	-0.0199
rs3019428	A	0.0321
rs139514371	T	-0.074
rs55641926	T	0.0749
rs146643611	T	-0.0427
rs140413393	A	0.0989
rs115148306	A	0.0777
rs113928027	A	0.0894
rs78405610	A	-0.0418
rs74809446	T	-0.0558
rs4708037	C	-0.0626
rs12189936	A	-0.0559
rs76534240	A	0.0491
rs2010190	G	-0.0271
rs10455357	G	0.0161

rs77613424	A	0.0637
rs77354271	A	-0.1414
rs9376024	T	-0.0209
rs151039065	A	0.0563
rs2473610	T	0.0745
rs13194075	G	-0.0325
rs114068530	A	-0.0332
rs111329411	T	-0.0968
rs72847747	A	0.1219
rs6458907	T	-0.0999
rs9396468	A	0.0323
rs115563291	C	-0.0872
rs13200036	G	0.0296
rs1998043	G	-0.0214
rs7746685	T	-0.0154
rs116154316	T	0.0747
rs9460617	G	-0.0172
rs116019440	A	0.0643
rs114426165	A	-0.0861
rs76586075	G	-0.0831
rs79079640	G	0.1034
rs9476516	A	0.1119
rs144294698	A	0.0734
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rs11751990	T	-0.0243
rs74951535	A	0.0444
rs117470016	C	0.0772
rs12661042	A	-0.0185
rs55905647	T	0.0214
rs2496655	A	-0.0419
rs73021469	A	0.0613
rs117455688	T	0.0408
rs9503919	G	-0.0178
rs2451377	A	-0.0693
rs17072795	A	0.0319
rs75233650	G	0.0711
rs1122537	C	0.0208
rs116328606	A	0.0929
rs9388708	T	-0.0234
rs76515493	A	-0.0231
rs72960018	A	-0.0227
rs2248426	A	-0.0166
rs59131074	A	-0.067
rs73030310	G	-0.0469
rs76104748	T	0.0768
rs4563711	C	-0.0177
rs80209403	G	-0.0667

rs139291349	C	-0.0838
rs76817332	C	-0.0727
rs1338462	A	0.0157
rs534433	G	-0.0322
rs12206833	C	0.0651
rs13219162	A	0.019
rs7757749	A	0.0315
rs115200584	T	-0.062
rs141048782	G	0.0605
rs74946737	C	-0.0576
rs10946236	T	0.0177
rs76560705	G	-0.0307
rs80065224	A	-0.0966
rs1107943	C	-0.0337
rs74999245	C	-0.1128
rs77055558	A	0.0615
rs11755392	T	-0.0369
rs9366198	G	0.02
rs116612357	G	0.0663
rs7757085	A	-0.0751
rs78093901	G	0.0432
rs9467560	G	-0.0411
rs17211156	C	-0.0514
rs118002962	A	-0.1101
rs112150566	A	-0.0659
rs7759507	A	-0.0225
rs57838719	T	0.0224
rs10455974	C	-0.0186
rs11756322	G	-0.0153
rs11760009	G	-0.0506
rs9476933	G	-0.0732
rs146278406	C	0.0589
rs12215454	A	-0.0389
rs17145441	G	0.0708
rs6458393	A	0.0285
rs116846677	T	0.0523
rs77103356	A	0.062
rs62412865	A	-0.079
rs34879741	C	0.0316
rs113916120	A	-0.0267
rs146085537	A	0.0755
rs149947750	T	0.0604
rs116503115	T	-0.1243
rs9466363	G	0.0222
rs139655434	T	0.0666
rs1479037	C	-0.1152
rs4349837	A	0.032

rs9365938	T	0.0224
rs113572884	G	0.111
rs114124688	G	0.0848
rs139653035	A	0.0631
rs72890617	T	-0.0579
rs79083271	T	-0.0487
rs6901281	A	0.0152
rs72854870	T	-0.0338
rs73536748	G	-0.0653
rs139507494	C	0.1164
rs13208867	G	-0.0554
rs17395361	A	-0.0492
rs9491039	A	0.0149
rs6926933	G	-0.0183
rs116897001	G	0.098
rs12197522	G	-0.0292
rs3010313	C	0.0157
rs149551769	T	0.0782
rs72839385	A	0.0488
rs4523130	G	-0.0653
rs9368744	T	-0.0637
rs10945857	C	-0.0798
rs6935762	T	-0.023
rs17068227	C	0.0291
rs17560881	G	-0.0253
rs2395633	C	0.0196
rs10081074	C	0.0201
rs77066347	T	-0.1246
rs17753769	G	0.063
rs3805935	G	0.0586
rs148525130	A	-0.0815
rs72981615	C	0.0674
rs71569461	A	0.0369
rs4707434	T	0.0216
rs71562214	T	0.0877
rs4896780	A	-0.0299
rs143097378	C	0.0453
rs11752106	A	-0.0209
rs61034957	T	-0.059
rs117303117	A	0.0891
rs6570428	T	0.016
rs117163316	T	-0.1077
rs3806105	A	-0.0258
rs909714	T	0.0157
rs75495295	G	0.0497
rs17486144	T	0.0296
rs9402617	G	0.0471

rs75602008	C	0.1074
rs62408192	A	-0.0729
rs9399606	T	-0.0287
rs9504932	T	0.0175
rs116969159	T	0.119
rs1855590	A	0.0339
rs999553	A	0.0169
rs12662137	T	-0.0256
rs483792	A	-0.0193
rs72920785	C	0.0619
rs34888999	G	-0.0762
rs140256808	A	-0.0833
rs78270682	C	0.0596
rs61756902	C	-0.0748
rs78458700	C	-0.0578
rs12205942	A	0.0178
rs72902769	G	-0.0947
rs12210123	G	0.0193
rs9320489	G	0.015
rs77726388	C	0.1101
rs139261160	T	0.0852
rs9295309	A	-0.02
rs9406120	T	-0.0235
rs60981052	G	-0.0355
rs117294321	G	0.1084
rs7764927	C	-0.0634
rs2494092	T	0.018
rs114819946	T	0.1232
rs13200436	T	-0.0623
rs117217533	T	-0.0463
rs113459520	T	0.0657
rs9479925	C	-0.0227
rs73010272	G	0.0508
rs148615922	T	-0.0735
rs114934834	A	-0.0707
rs2114528	G	0.0197
rs11969354	A	-0.0184
rs6927829	G	0.0476
rs76968006	T	-0.1327
rs79342148	G	0.0724
rs80070117	T	0.062
rs145797781	G	0.0707
rs62389984	C	-0.0456
rs6912713	G	-0.0247
rs17059698	A	0.0462
rs9379335	A	-0.0668
rs943069	C	-0.1758

rs117866066	A	-0.0285
rs80182561	C	0.0577
rs12196541	C	0.023
rs77454922	C	0.0787
rs112315958	T	-0.0777
rs77392220	T	-0.0378
rs60599718	C	0.0493
rs1856714	G	-0.0296
rs4566922	C	0.018
rs115297741	C	0.0683
rs9372715	A	-0.0272
rs6903950	A	-0.0281
rs116014494	A	0.0783
rs150623375	G	0.0886
rs1230319	A	0.0771
rs1969811	G	-0.0234
rs74874394	A	-0.0524
rs1407671	G	0.0441
rs35714984	C	0.1273
rs6933963	C	-0.0157
rs55687922	A	0.0855
rs13197674	C	-0.0172
rs17067075	A	-0.0294
rs72971396	A	0.1016
rs112353412	A	0.0292
rs151333639	A	0.0706
rs116970393	T	-0.0898
rs10872745	A	-0.0171
rs146857351	A	0.0589
rs860444	C	0.0236
rs11548249	T	-0.0626
rs3800061	T	-0.0476
rs1408276	C	0.0379
rs7754980	A	-0.0317
rs576420	A	0.0248
rs75189136	T	0.115
rs113201467	T	-0.048
rs6568421	G	0.0178
rs77697932	A	0.0691
rs72928414	C	-0.1082
rs76206774	A	0.0961
rs1520969	G	0.0236
rs77416793	G	0.0476
rs9345218	G	0.0164
rs75883220	C	-0.0566
rs79817128	C	0.0882
rs79581497	G	-0.0904

rs77076398	G	0.093
rs145572300	T	-0.1231
rs150510066	G	-0.0887
rs72828272	G	-0.0653
rs62432537	C	-0.0901
rs7775043	A	-0.0159
rs17573740	T	-0.0481
rs116983787	A	-0.0824
rs9461212	T	0.0665
rs150904618	C	-0.0823
rs34242178	A	0.0296
rs17827934	T	0.0255
rs56159258	C	0.0273
rs34184971	C	0.0245
rs79105398	G	0.0395
rs28619134	T	-0.0161
rs76083520	G	0.0482
rs9483091	C	0.0391
rs9466505	C	0.0374
rs75637884	T	-0.027
rs142256338	T	0.0556
rs113857308	T	0.0443
rs118075461	T	0.0842
rs12191584	A	-0.0317
rs2064706	T	0.033
rs80129656	G	-0.0878
rs144277367	T	0.0495
rs28360577	G	0.0419
rs1923589	T	-0.0198
rs11153575	T	0.0261
rs62395290	G	-0.0259
rs115146108	G	-0.0352
rs12189763	G	0.0211
rs117818596	T	-0.0876
rs79288848	T	0.0358
rs78471309	C	0.0692
rs7771469	A	-0.0148
rs7760124	T	-0.0149
rs9369236	T	0.0523
rs55649954	T	-0.0544
rs17502590	A	0.0553
rs6920377	T	0.0177
rs146526849	T	0.0463
rs807507	G	0.0157
rs139789839	T	-0.0719
rs117410884	G	-0.0949
rs9458066	T	0.0536

rs10456246	G	-0.0224
rs45520731	T	-0.0911
rs80063653	T	0.0648
rs1150639	T	-0.0211
rs35163131	T	-0.0689
rs7751055	A	0.0152
rs7767845	C	-0.1018
rs75949261	C	0.0537
rs971623	G	0.0162
rs7741871	A	-0.0218
rs75171158	T	0.0982
rs75952872	T	0.0858
rs9384347	G	0.017
rs220725	A	-0.1012
rs73030889	C	-0.0704
rs1399223	C	-0.0206
rs149589825	A	0.1013
rs9765923	G	-0.0165
rs79976124	A	-0.0161
rs150971345	A	-0.0898
rs72827923	A	0.0523
rs77598196	C	0.0491
rs62442638	A	0.0453
rs75340873	C	-0.1194
rs151210518	C	-0.1484
rs138779657	G	-0.1011
rs112306239	T	0.083
rs118119755	C	-0.1032
rs6914209	G	0.0246
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rs73545352	C	-0.044
rs79797664	G	0.0776
rs7760887	T	0.0288
rs11961545	G	0.0952
rs75052563	G	0.0501
rs146392538	G	0.054
rs9367856	G	0.0444
rs113893968	G	0.0962
rs2029516	T	0.0163
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rs146534110	T	0.0912
rs141091799	A	-0.0866
rs4140499	A	0.0167
rs6919346	T	0.0197
rs6568632	C	-0.0796
rs2810189	T	0.0231
rs72817840	C	0.0226

rs116458756	G	0.0381
rs114262061	T	-0.0737
rs9367186	T	0.0185
rs9447729	C	-0.0237
rs9365002	A	-0.04
rs971144	G	-0.0207
rs651903	A	-0.0155
rs114652844	C	-0.0242
rs117165145	A	-0.0553
rs1871427	A	-0.0161
rs75788406	T	0.1117
rs72971770	T	-0.0329
rs143968004	G	-0.0856
rs76140014	C	0.0806
rs17591381	A	0.0202
rs9480082	G	-0.0215
rs4255018	C	0.0192
rs13217586	C	-0.0192
rs149045402	A	-0.1043
rs9320231	G	-0.0188
rs78650738	A	0.0999
rs9293946	C	0.0236
rs62415376	G	0.0165
rs76040412	T	-0.0658
rs76566117	C	0.0378
rs12212206	T	-0.0801
rs73035768	A	0.0564
rs2294672	T	0.0753
rs114173264	A	0.0715
rs7766910	G	-0.0193
rs9477044	T	-0.0302
rs111528647	T	-0.0488
rs142204813	A	-0.0688
rs9463179	A	-0.0344
rs78622577	C	-0.0844
rs497236	C	-0.0258
rs72940721	T	-0.0564
rs6910034	A	0.0146
rs1011969	A	-0.0196
rs117730999	A	-0.1075
rs1793890	A	0.0187
rs77785297	C	-0.1013
rs73529595	A	-0.0437
rs56361523	T	0.047
rs117654231	A	-0.0775
rs6936415	A	0.0312
rs9378575	G	-0.0305

rs79434212	G	-0.0542
rs10457938	G	0.0446
rs13211676	T	0.0419
rs6912768	C	0.025
rs114019669	C	-0.1062
rs80138418	G	-0.04
rs113608863	G	-0.0566
rs16885931	G	0.0187
rs9380002	G	0.0193
rs9349635	C	0.0292
rs9347614	C	0.022
rs116915567	A	0.0631
rs9487190	C	-0.0977
rs9383052	C	0.0184
rs12210737	T	0.0298
rs6455587	T	0.0331
rs2281274	C	-0.0184
rs1984689	G	0.0148
rs688167	C	0.0176
rs3805942	C	-0.0155
rs1128930	C	0.0159
rs113804124	A	0.0399
rs75089337	C	-0.0495
rs12195526	G	-0.1041
rs507059	A	-0.0237
rs5986	C	-0.0268
rs116108051	T	0.0981
rs1444140	T	0.0253
rs12526782	T	-0.0361
rs78454315	T	0.0628
rs77049902	A	-0.0506
rs78826146	A	-0.0581
rs2561401	C	-0.0279
rs1763523	T	0.0188
rs148204579	C	-0.093
rs147361734	C	0.0728
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rs78123791	A	0.0893
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rs73002301	G	0.074
rs2341531	T	-0.0194
rs117795802	A	-0.1078
rs77527285	G	-0.0673
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rs112749390	T	-0.1184
rs5002573	A	-0.0209

rs77537019	C	0.0634
rs57605348	C	-0.0524
rs75049012	C	-0.0241
rs17628699	A	-0.0878
rs117623598	T	0.095
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rs2388840	G	0.0152
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rs9370918	T	0.0152
rs13203014	C	0.0467
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rs111318415	A	0.0639
rs7765104	G	0.0217
rs111777044	T	0.0395
rs9455595	T	0.0374
rs76793683	A	0.0827
rs1190043	C	-0.11
rs72970895	A	-0.0561
rs9459339	T	0.0359
rs7767339	T	-0.019
rs1416636	C	-0.0999
rs975002	A	-0.0183
rs114995028	C	-0.0919
rs145269582	T	0.0715
rs6569733	G	-0.0206
rs897405	C	-0.0155
rs79380272	T	-0.081
rs117688959	A	0.0823
rs113235143	G	-0.1081
rs4896082	C	-0.0233
rs544108	G	0.016
rs11755381	A	0.0216
rs74590024	T	0.0731
rs73015010	A	-0.0617
rs3102985	A	-0.0391
rs35605315	T	-0.0368
rs9462794	T	-0.0165
rs143465788	A	0.0745
rs12181211	G	0.0185
rs150084830	T	-0.0911
rs9377320	C	-0.0185
rs17616631	A	-0.0553
rs58868620	C	0.0229
rs2477223	A	-0.0317
rs80150111	T	-0.0659
rs149970086	T	0.1064

rs12211395	T	-0.0501
rs12529580	A	0.0597
rs9393163	A	-0.0152
rs2473545	T	-0.016
rs118068560	G	-0.065
rs62433645	T	-0.0205
rs4716317	T	0.0161
rs111622469	A	0.0408
rs16879995	G	0.0598
rs73001079	A	-0.0364
rs80164481	C	0.0469
rs72901883	A	0.0486
rs9321079	A	-0.0167
rs11154527	G	-0.0148
rs12214694	T	-0.0723
rs12198824	C	-0.0282
rs79667557	A	-0.0309
rs72839009	C	-0.0429
rs11965054	A	0.032
rs35416771	C	-0.0512
rs75395804	T	0.0472
rs139143298	A	-0.0617
rs117098244	C	0.1385
rs139658628	T	-0.0888
rs62414225	C	-0.0343
rs140472219	T	0.0808
rs6899541	T	-0.0729
rs9478294	C	0.0305
rs78678492	C	0.0345
rs75410851	T	-0.1226
rs144271389	C	-0.1239
rs117491315	C	0.059
rs140215218	G	0.105
rs71560871	T	-0.0406
rs55934442	A	0.0756
rs1408733	C	-0.0392
rs11756137	C	-0.0719
rs2008287	C	0.0247
rs62441895	A	0.062
rs6934837	G	0.021
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rs4516957	A	-0.0192
rs9460613	G	-0.0195
rs12215305	C	-0.0578
rs151307249	C	0.0352
rs139571037	C	0.0905
rs946223	G	0.0149

rs9502824	G	-0.0238
rs11243273	G	0.0206
rs117860445	G	-0.0653
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rs9394479	A	-0.0187
rs141920269	A	-0.1206
rs11156382	A	-0.0157
rs576558	G	-0.0504
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rs75828750	A	0.0679
rs1544148	C	0.0143
rs117249836	A	-0.0594
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rs72971352	A	0.0588
rs1268075	A	-0.0576
rs3963366	G	0.0224
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rs72978928	T	-0.0389
rs1468639	T	0.0209
rs11153328	A	-0.0539
rs77878549	A	-0.0701
rs927418	G	-0.023
rs79494858	G	-0.052
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rs117865671	A	0.1131
rs144861742	A	0.0866
rs12214518	G	-0.0545
rs75993446	C	0.0407
rs146837623	G	0.0862
rs9456494	A	0.0222
rs2473651	C	-0.0217
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rs118042963	C	0.0519
rs76835620	G	0.0327
rs150677033	C	0.0613
rs7453658	G	0.0183
rs79026903	G	-0.0423
rs210920	A	-0.0213
rs112568394	T	0.0962
rs79077350	T	0.0406
rs9377127	T	-0.0192
rs112851833	A	0.0987
rs56405624	T	-0.0497
rs73779948	T	-0.0405
rs118003879	G	0.0646
rs4897341	T	0.0223

rs34422152	G	-0.0224
rs4960195	G	-0.0225
rs12201254	G	-0.0211
rs9405929	C	0.0525
rs3734665	G	-0.0184
rs75034777	C	0.0588
rs151015191	A	0.0604
rs80057567	C	-0.1125
rs1433768	A	-0.0264
rs115842942	T	-0.1047
rs415425	C	-0.0256
rs73725220	A	0.0858
rs146256339	T	0.0565
rs10457366	A	-0.042
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rs112505086	A	0.0464
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rs72843729	T	-0.0519
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rs6935482	G	-0.021
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rs495157	C	0.0196
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rs234487	G	-0.0463
rs112464023	C	-0.0689
rs4506057	A	-0.0538
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rs13214603	G	0.1066
rs114338779	T	0.0984
rs2745585	A	-0.0165
rs9272543	C	-0.042
rs118066916	T	0.0705
rs12527494	G	-0.0621
rs7747428	C	0.0213
rs72991294	C	0.0211
rs75015416	G	0.0545
rs1270859	G	-0.0401
rs9350014	C	0.0586
rs13203325	A	-0.0145
rs35498687	A	0.0623
rs2503303	C	-0.018
rs2689887	C	-0.0155
rs7774682	C	0.0148
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rs6917861	T	-0.0851

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rs871746	A	0.0164
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rs62431584	A	-0.0347
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rs9381514	A	-0.0142
rs17085793	G	-0.0249
rs78268152	A	0.0938
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rs142842055	T	0.0845
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rs4870452	A	0.0316
rs9469705	A	-0.0142
rs11757490	C	-0.0937
rs4896888	T	0.0146
rs6568382	C	-0.0248
rs397370	T	0.0206
rs1024189	T	0.0153
rs6934462	G	0.015
rs76333878	G	-0.0571
rs9371494	G	-0.0151
rs140619509	C	-0.0733
rs71539133	A	0.0609
rs950425	T	-0.0399
rs1613103	G	-0.0178
rs13437602	C	-0.0609
rs116831257	C	0.0552
rs114112061	A	0.0849
rs72904170	A	-0.052
rs116998804	T	0.0546
rs6458577	C	0.0715
rs112576278	A	-0.0552
rs2051630	A	-0.0163
rs6917152	A	0.0438
rs111410085	G	-0.0875
rs74935697	C	0.0559
rs62424667	T	-0.0746
rs10946117	A	0.0258

rs12210119	G	0.0744
rs117915458	A	0.0838
rs12201214	T	-0.0388
rs62390322	A	0.0652
rs79459944	C	-0.1036
rs2185805	T	-0.0574
rs117946728	T	0.0619
rs35682391	T	-0.0453
rs12203711	G	-0.0378
rs2748171	T	0.0153
rs114439891	A	0.0623
rs7764576	G	0.0453
rs17723116	G	0.0532
rs117485699	T	0.0555
rs73366900	A	0.0184
rs76524395	G	0.1088
rs9388996	C	0.0208
rs11969257	T	-0.0192
rs926406	A	-0.0296
rs118018800	A	0.0725
rs117448071	T	0.1001
rs75506597	A	-0.0405
rs142135770	T	-0.1375
rs57214955	A	-0.0383
rs17200465	A	-0.042
rs1727043	T	0.0395
rs139700360	T	-0.075
rs146284082	G	-0.0766
rs6458068	G	-0.0178
rs4708168	C	0.0247
rs12201377	G	0.0926
rs62420078	G	-0.0298
rs62421013	C	-0.0578
rs73048552	A	0.0349
rs6908236	A	0.0146
rs2812117	A	-0.02
rs9365262	C	0.0166
rs1407383	T	0.0153
rs7772293	G	-0.0174
rs114979482	A	0.0628
rs13213961	A	-0.0251
rs7739748	G	0.0143
rs2746313	C	0.0187
rs77529239	C	-0.0911
rs9356969	T	-0.0531
rs9484545	T	0.1042
rs76294135	G	-0.0271

rs12209114	A	-0.0763
rs73382480	T	-0.0972
rs111306255	T	-0.0806
rs143040512	A	-0.0817
rs9477140	C	0.0188
rs9384474	G	0.0619
rs146089302	C	0.1032
rs9498166	T	-0.0181
rs6911490	T	0.018
rs540009	T	0.0159
rs113716932	G	0.077
rs7755259	C	-0.0773
rs73361260	C	0.0348
rs146260219	C	-0.039
rs12205098	A	0.0987
rs76533956	C	0.0989
rs113308506	A	0.0383
rs9388668	C	0.0164
rs74438331	A	-0.0535
rs11758298	T	-0.021
rs113246345	T	0.0595
rs62432357	T	0.019
rs55856212	T	-0.0544
rs13212727	A	-0.1368
rs12111048	A	0.024
rs12211948	T	0.0146
rs11969212	T	0.0314
rs2327335	T	0.0181
rs7763153	G	0.0171
rs76439864	G	0.0791
rs117202994	G	0.0518
rs78343481	A	-0.0392
rs111727926	T	0.0604
rs115962085	T	-0.1262
rs117559133	C	0.0629
rs80049312	A	0.1244
rs2636355	C	-0.0331
rs78995700	G	0.0892
rs3843525	G	0.014
rs138643886	C	0.0333
rs76545383	G	0.0469
rs75718706	T	0.0916
rs13191359	C	-0.0232
rs4897268	T	-0.0331
rs2749669	T	-0.0297
rs77135383	C	0.0387
rs1388044	A	0.0162

rs35278019	T	0.028
rs673318	G	0.0145
rs10457476	C	-0.018
rs341132	T	-0.0208
rs75975360	C	-0.0437
rs9376987	G	0.0326
rs75719470	C	0.056
rs76558532	A	-0.0838
rs75034694	G	0.067
rs12198582	C	0.1052
rs9658142	A	0.0224
rs6903926	T	-0.0307
rs112657916	G	-0.0748
rs7743076	T	0.0146
rs1538384	T	0.0176
rs9331338	T	0.0252
rs7750249	T	0.0855
rs115197213	A	-0.0499
rs35200873	A	0.0539
rs114612417	G	0.0497
rs11757145	C	0.0236
rs62414576	C	-0.0217
rs17084964	C	-0.0256
rs137879209	G	0.0667
rs144766754	C	0.0855
rs13207757	T	0.0244
rs145343587	G	-0.1195
rs9482981	T	-0.0437
rs114244045	T	0.0667
rs75646206	T	0.031
rs143555480	T	-0.0824
rs549965	T	0.0144
rs138028107	T	0.0722
rs78747268	T	0.0703
rs6921283	T	0.0477
rs111993351	C	0.1102
rs234933	A	0.0216
rs75532080	C	0.0447
rs56336490	G	0.0208
rs78806291	A	-0.0585
rs4959582	G	-0.0251
rs72832862	T	0.0371
rs6457898	T	0.0334
rs11756131	A	-0.0153
rs9498161	T	-0.0148
rs11154794	C	-0.0224
rs17264332	G	-0.017

rs111659990	A	0.0455
rs145738025	C	-0.0662
rs80259516	A	-0.0502
rs76364903	A	-0.0182
rs148067430	A	-0.0676
rs12204529	G	0.0203
rs150968187	T	-0.0773
rs117998078	A	0.0703
rs34748010	T	0.1202
rs17064501	G	0.0767
rs5745577	T	0.0355
rs113949988	T	-0.0345
rs7741961	A	-0.014
rs7761907	G	-0.0163
rs9373955	G	-0.025
rs41301861	C	0.0405
rs12205386	A	0.0161
rs4613794	G	-0.0144
rs117139036	T	-0.0688
rs2259192	G	-0.0565
rs13216160	C	-0.0221
rs117718912	G	0.0913
rs4709623	A	-0.0159
rs112788064	A	0.069
rs1431222	T	-0.0196
rs9402643	A	-0.0216
rs75149985	G	0.0502
rs71569652	C	0.0766
rs6459150	A	0.0384
rs1022748	G	0.0293
rs12211496	T	-0.014
rs78661138	G	0.0309
rs13199416	G	-0.0196
rs74908610	C	-0.0733
rs6926641	C	0.0188
rs4840092	A	-0.0224
rs4563734	T	0.0216
rs77407137	A	0.062
rs117157494	T	0.0707
rs143462117	T	-0.0471
rs116385413	G	-0.0624
rs76389676	A	0.0625
rs2496494	T	-0.0227
rs35216394	G	0.0512
rs9464676	T	-0.0166
rs76935850	C	0.0672
rs117278707	G	0.0907

rs35170101	T	-0.0535
rs2505284	C	0.0138
rs116880670	A	-0.1018
rs78353268	A	-0.0488
rs6912396	T	0.0148
rs113994624	G	0.073
rs74392007	T	-0.0225
rs6918026	G	-0.0195
rs2318061	C	0.0222
rs34136766	C	-0.0959
rs116561744	C	-0.1455
rs72871701	T	-0.0422
rs11962625	C	-0.0803
rs2552291	G	0.0175
rs1214	T	0.1034
rs76693439	C	-0.0276
rs137980747	A	0.1092
rs145443213	T	0.0587
rs115979397	A	-0.0768
rs914508	A	-0.0386
rs17057302	T	0.0456
rs112487217	A	0.0254
rs732394	C	0.0143
rs74614833	C	-0.0404
rs76174003	G	-0.0647
rs115149542	A	-0.0373
rs9791265	T	0.0159
rs9368087	G	0.0149
rs12154106	A	-0.0439
rs73044101	G	0.0332
rs9368288	A	0.0201
rs79149393	T	0.0555
rs6597205	T	-0.0453
rs2206994	G	0.0802
rs62437172	G	0.0886
rs7453674	C	0.0152
rs35872353	A	0.0428
rs28831698	C	-0.0194
rs73243047	G	0.0383
rs1854006	T	-0.0253
rs7775460	T	-0.0182
rs77559144	T	0.0372
rs75767930	A	-0.0384
rs723052	C	-0.0478
rs142673164	T	-0.0953
rs78101564	A	-0.0906
rs113410894	T	-0.035

rs79085720	G	-0.032
rs9294334	G	-0.0148
rs9348099	T	0.0579
rs236977	T	0.0409
rs151163111	C	-0.1139
rs60373379	G	0.0447
rs74888509	C	-0.0287
rs6570562	A	0.019
rs72994054	G	-0.0308
rs768150	T	0.0155
rs114844065	C	0.0747
rs112957353	C	0.0308
rs148234538	A	-0.078
rs115237946	A	0.0643
rs4708503	G	-0.0321
rs4959455	C	0.0502
rs1410821	T	0.0155
rs55909294	A	-0.0844
rs806449	G	-0.0176
rs72944178	A	0.0574
rs11154117	T	0.0154
rs7769874	T	-0.0206
rs13196532	C	-0.0158
rs3005765	A	-0.0184
rs57204178	C	-0.0199
rs6941042	C	0.0437
rs56368595	C	-0.0219
rs12174547	T	-0.0182
rs17138491	A	-0.0467
rs6922262	G	-0.0185
rs6933366	A	0.0147
rs601639	G	-0.0217
rs114536102	G	-0.0694
rs2802414	G	0.0449
rs12174277	T	0.0294
rs4896427	G	0.0552
rs79089106	C	0.0957
rs72984652	G	0.0202
rs116929240	T	0.0752
rs4870094	T	-0.0381
rs9489863	C	-0.0186
rs75607367	C	0.0728
rs10457827	C	0.0186
rs72946106	A	0.0879
rs13206771	T	0.0321
rs146478285	A	-0.0648
rs17085806	A	0.0426

rs16873881	A	-0.0181
rs17073061	G	-0.0287
rs56172867	A	0.0293
rs55721409	C	-0.0729
rs34474894	G	-0.0198
rs113949400	T	0.0615
rs80020306	G	0.1041
rs34160063	T	0.0291
rs4714575	C	-0.0178
rs115206757	A	-0.0796
rs6917194	G	0.0148
rs17327457	T	-0.0567
rs9458611	T	0.0157
rs7764139	T	0.0247
rs4706511	G	-0.0168
rs117516302	C	0.0802
rs17828760	G	-0.0754
rs78551156	C	0.0648
rs72933032	A	-0.0383
rs9348093	C	-0.025
rs214500	A	0.0326
rs74453029	T	-0.1482
rs4897064	A	0.0226
rs117057504	T	0.0658
rs75770214	A	0.065
rs9444435	G	-0.0618
rs62434768	A	-0.051
rs76667285	A	-0.0228
rs112253106	T	0.0824
rs6926970	A	0.0196
rs211622	G	-0.0242
rs116056957	G	-0.0565
rs1291463	T	-0.0297
rs34272273	T	0.0483
rs139332017	G	-0.0726
rs7743428	G	0.0211
rs117531829	T	0.0851
rs150031656	G	0.0832
rs6928836	T	-0.0175
rs12190912	T	-0.0205
rs13192030	T	0.0693
rs73001963	T	0.0543
rs74740079	C	0.0334
rs74484105	A	0.0585
rs79152473	A	0.1015
rs1485663	T	-0.0195
rs149107436	T	-0.0504

rs78095665	T	0.0708
rs56169037	C	-0.0602
rs7775180	A	0.0201
rs78873324	A	0.0498
rs80117334	C	-0.0855
rs9455852	A	-0.0149
rs57995395	T	-0.0603
rs56122038	A	-0.0776
rs6923965	T	-0.0263
rs16883791	A	0.0343
rs79869988	T	0.1021
rs697464	A	-0.0314
rs9462200	T	-0.0333
rs9488227	C	0.0152
rs1033575	C	0.0157
rs9502374	G	0.0273
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rs2817435	C	-0.0533
rs114020166	T	-0.0467
rs73454309	T	0.02
rs9341787	A	-0.0253
rs112842501	A	0.0898
rs150187342	G	-0.0825
rs4709725	T	-0.0157
rs17363382	G	-0.0409
rs7766262	C	-0.0143
rs9296290	A	-0.0186
rs9360196	A	0.0208
rs141855322	C	0.1339
rs35858567	T	0.0234
rs7740758	T	-0.0195
rs74391595	T	0.0701
rs6569924	T	-0.0572
rs9347027	A	0.0163
rs12523813	C	0.0183
rs76459312	T	0.0271
rs138075694	G	0.0699
rs56274407	A	-0.0429
rs73598502	G	-0.0353
rs9379861	C	0.0718
rs4708090	A	-0.0209
rs62421908	G	0.0246
rs72826452	A	-0.1007
rs115977008	A	0.0467
rs139952639	A	0.0599
rs17499688	T	0.0243

rs111270386	T	0.0585
rs11753298	T	-0.0318
rs57433876	G	-0.0612
rs35092455	G	0.0458
rs35282407	C	0.02
rs6918619	G	0.0602
rs79435668	C	-0.0731
rs1884046	G	-0.0161
rs72992742	A	-0.0606
rs9342784	A	0.0252
rs116849441	T	-0.0526
rs139455919	A	-0.0911
rs150072235	A	-0.0864
rs9353513	A	0.0157
rs74368660	C	0.0403
rs75301713	G	0.0776
rs72915779	C	-0.0633
rs11964020	G	0.1179
rs73777863	C	0.0629
rs56724212	T	-0.0307
rs12207936	G	-0.0912
rs71575023	A	-0.0418
rs146109165	A	0.0808
rs11752518	A	-0.0412
rs9399387	C	-0.0261
rs73031062	T	0.0229
rs115459827	T	-0.077
rs117807123	G	0.0867
rs11754224	G	-0.024
rs117862675	A	-0.0345
rs76092111	A	0.0524
rs1121647	T	-0.0151
rs117631232	G	0.0706
rs699696	C	0.0174
rs113033654	C	-0.0567
rs111253712	A	-0.0423
rs12205477	C	-0.0281
rs71570220	G	0.0202
rs78687571	G	0.0876
rs17184090	G	-0.0512
rs7753542	G	-0.0674
rs113303329	T	0.0823
rs9460844	T	-0.0181
rs117981790	G	0.1188
rs141622099	C	0.081
rs114475737	A	0.0567
rs35096966	G	-0.02

rs13191298	G	-0.0204
rs72956240	C	0.0963
rs117688413	A	0.0535
rs9455483	A	0.0161
rs79527966	G	-0.0917
rs9388387	G	-0.035
rs12110827	A	0.0624
rs11966014	C	-0.0315
rs1240817	A	-0.0148
rs78459964	A	0.0422
rs9386149	C	-0.0753
rs78132250	T	0.0813
rs9458393	T	-0.0149
rs12216321	G	-0.0278
rs117318238	A	-0.0695
rs62416460	A	-0.0499
rs117582409	C	-0.0962
rs7753036	T	0.0204
rs117665332	T	0.0366
rs6913914	T	-0.039
rs35898099	A	0.0212
rs12196494	G	-0.0181
rs62427286	T	-0.0142
rs72975549	A	-0.0365
rs73749058	G	-0.0906
rs7749810	A	0.0189
rs113324766	G	-0.072
rs4143744	G	-0.0135
rs13197026	A	-0.0143
rs13215373	T	-0.0157
rs7383246	G	-0.0163
rs117212757	A	-0.1095
rs117253945	G	-0.0921
rs114931811	G	0.0929
rs144317871	T	-0.0749
rs62408255	G	0.024
rs3104091	T	-0.0153
rs75041599	A	0.0662
rs142832010	G	-0.0837
rs71568132	A	0.0635
rs72933650	T	-0.0323
rs9498059	T	0.0316
rs142844733	C	-0.0447
rs4709305	G	0.0152
rs141897194	G	-0.0802
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rs644637	A	-0.0149
rs13216380	G	0.0404
rs74615090	G	-0.1164
rs2474889	T	0.0571
rs138186190	G	-0.0532
rs2876038	G	0.0513
rs142189162	A	-0.0596
rs12215841	A	-0.0599
rs115675539	A	-0.0513
rs806374	C	-0.0189
rs6914431	G	-0.0208
rs9394816	A	-0.0257
rs9355413	A	0.0281
rs77562520	T	0.0753
rs1617669	A	0.0321
rs2172785	C	0.0581
rs12212391	A	-0.0528
rs118138549	T	-0.0764
rs933199	C	0.028
rs145397260	C	-0.0586
rs510067	A	0.0157
rs78888580	G	0.0606
rs72903128	G	0.0382
rs141704260	C	0.0853
rs117622209	C	-0.0542
rs143156106	C	-0.0905
rs9353523	C	-0.0396
rs6914743	A	-0.0197
rs17165429	T	-0.0226
rs77647214	G	-0.0614
rs9462715	C	-0.0542
rs77786417	T	-0.1178
rs6939405	T	-0.0196
rs80086785	G	-0.0333
rs9503323	G	-0.0251
rs146922207	A	0.0599
rs9365161	T	-0.0265
rs9360964	T	-0.0201
rs72915761	C	-0.0509
rs6921351	T	0.0347
rs111300783	C	-0.1044
rs4959846	A	0.0559
rs9461923	A	0.0139
rs74928432	T	0.0981
rs6928665	A	0.0169
rs12527613	A	-0.0139

rs79516858	A	0.0722
rs144936651	A	0.0506
rs146575374	A	-0.08
rs115504329	C	0.057
rs76832078	A	0.0588
rs1222956	G	0.0318
rs62418417	G	-0.0223
rs73017871	A	-0.0329
rs1909055	A	0.0169
rs860749	G	0.0261
rs34158695	C	0.0438
rs957513	T	-0.0162
rs4870190	A	0.0499
rs7750101	C	-0.0141
rs117138463	A	-0.0675
rs117787837	A	0.0873
rs7755405	G	0.0712
rs10455523	G	0.0137
rs12174258	A	0.0227
rs62441982	A	0.1016
rs9503884	G	-0.0168
rs112236135	A	0.0548
rs118169250	C	0.099
rs9392155	G	-0.019
rs6902144	G	0.0167
rs12189786	G	0.0207
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rs146508901	T	-0.0722
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rs6570836	C	0.0142
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rs143413278	C	-0.0391
rs66805147	G	-0.0471
rs76668896	T	0.1179
rs117292587	C	0.1104
rs1906924	T	-0.0144
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rs438310	T	-0.052
rs1044724	C	-0.0214
rs11754085	C	0.0514
rs117827510	A	0.0709
rs34060277	A	0.0564

rs67118378	A	0.0376
rs2747688	C	-0.0147
rs3901123	T	0.0281
rs72837214	C	0.0501
rs9358867	G	-0.0477
rs9403829	A	-0.0191
rs141688879	A	-0.1364
rs116301436	T	0.0615
rs112276550	T	-0.063
rs540462	T	0.0416
rs777625	T	-0.0587
rs75215494	C	0.0737
rs62397386	G	-0.0367
rs148490113	T	-0.0529
rs67839107	T	0.0342
rs9476570	C	0.0686
rs7742708	G	0.0926
rs2226121	A	0.0218
rs12200530	G	0.0162
rs12191794	G	-0.018
rs117167536	C	0.0771
rs76355624	T	0.0497
rs4709704	A	0.0176
rs28384094	A	0.0517
rs518359	G	0.0166
rs10455948	G	0.0206
rs150382665	A	0.0397
rs12213843	G	-0.061
rs10945406	C	-0.0368
rs112397180	A	0.0753
rs56787980	A	-0.0147
rs117809917	T	0.0804
rs4134942	G	-0.0515
rs7755331	A	0.0148
rs78067832	A	-0.0541
rs74480479	A	0.0443
rs11961656	A	-0.0338
rs76900947	G	0.0502
rs2068686	G	-0.1052
rs113988379	A	-0.0573
rs9451553	T	-0.0709
rs111919151	T	-0.0766
rs75521106	A	0.0393
rs72914681	C	0.0325
rs79535031	A	0.0394
rs72914284	A	0.0695
rs35370909	T	0.0143

rs7764989	A	0.0953
rs75027372	A	-0.0624
rs9391240	T	-0.027
rs62435263	T	-0.0278
rs9451413	T	0.0445
rs68077340	T	-0.0282
rs9398863	C	0.022
rs116307976	T	-0.0611
rs10948709	G	-0.0132
rs62425470	T	0.0388
rs62431618	T	0.0259
rs1811899	C	-0.017
rs141837862	A	-0.1019
rs6458543	C	0.0499
rs73018041	A	0.0796
rs139438374	T	-0.091
rs12195711	T	0.0234
rs78983386	A	0.0474
rs3819025	A	-0.0361
rs9497973	G	-0.068
rs10456448	T	0.0246
rs6938290	G	-0.0145
rs76098320	G	0.0605
rs55902602	T	0.0197
rs62395314	A	-0.0462
rs72867836	T	-0.0542
rs148085518	T	0.0866
rs1591830	A	0.0148
rs75747990	T	-0.0357
rs74792762	G	0.0257
rs4870376	T	-0.0334
rs7748999	C	0.0343
rs396869	T	-0.0138
rs148420656	C	0.0518
rs114089370	T	0.0845
rs7752219	G	-0.0132
rs9483967	A	0.0494
rs138572033	T	-0.0767
rs4708163	G	0.0283
rs1871664	G	0.014
rs151090304	T	0.0991
rs74355118	A	0.0714
rs1220316	G	-0.0149
rs111703165	C	0.0779
rs75917718	T	-0.0771
rs76120761	G	0.0741
rs75813400	T	0.044

rs147825756	G	-0.0584
rs79027811	G	-0.0956
rs73014598	T	0.0319
rs1931657	G	0.0395
rs284428	C	0.0199
rs79080242	T	0.0324
rs79450642	A	-0.0349
rs35173014	T	0.0626
rs62426547	A	-0.07
rs77190492	T	-0.0662
rs117095837	T	-0.1319
rs80126803	T	-0.0505
rs77843487	T	0.061
rs114966475	C	0.0747
rs35771086	C	-0.0319
rs2247218	C	-0.0148
rs149280381	A	0.0748
rs1205501	G	-0.0139
rs529948	A	0.0235
rs13362710	T	0.0332
rs10782199	A	-0.0136
rs144789101	A	-0.1097
rs12195760	C	0.0675
rs79034856	T	-0.0871
rs140728948	G	-0.0832
rs2932673	G	-0.0199
rs141632724	C	-0.079
rs3019438	C	-0.027
rs2183074	G	-0.014
rs78231576	T	0.0864
rs11154225	G	0.0188
rs11754685	C	-0.0141
rs12193421	T	0.0588
rs1931692	T	0.0166
rs7761282	T	0.0713
rs7756874	G	0.0206
rs938152	A	-0.0457
rs11752709	T	-0.0531
rs2294675	C	-0.0387
rs79706021	T	-0.0248
rs12660909	C	-0.042
rs1941905	T	0.0163
rs79577561	A	0.0644
rs73546331	T	-0.0825
rs116276283	T	-0.0553
rs72851865	T	0.0451
rs80150253	A	-0.0363

rs116911111	T	-0.0846
rs112401888	A	-0.1117
rs73752779	T	-0.0148
rs4713648	T	-0.0136
rs1078299	C	-0.0237
rs3752611	C	-0.0223
rs140588597	T	0.0752
rs72951735	G	0.0594
rs3116712	T	0.0571
rs12208633	T	-0.0664
rs73479333	C	-0.0248
rs2816262	C	0.0544
rs12193921	C	-0.0315
rs7772726	A	0.019
rs62395881	T	-0.0542
rs10456666	T	-0.0204
rs116813163	T	0.0481
rs150910593	T	-0.0952
rs76088838	C	-0.0656
rs79339883	A	-0.0593
rs117182159	T	-0.064
rs9402506	A	0.0163
rs145594663	A	0.0666
rs11752885	A	-0.0228
rs765169	C	0.0139
rs17730964	A	0.1419
rs12207165	T	0.1216
rs12190797	A	0.0503
rs11759252	G	-0.0164
rs12664560	G	0.0221
rs116975870	A	0.0926
rs72820248	T	0.0567
rs139613893	C	0.0889
rs9486068	A	-0.0273
rs114536838	A	-0.0668
rs72995130	A	0.0279
rs12205975	C	0.0237
rs144413142	G	0.0441
rs116015924	C	-0.1013
rs114381567	C	0.0392
rs73046034	A	0.015
rs234480	T	0.0169
rs140084164	G	0.0482
rs140373863	A	0.0596
rs17086536	C	-0.0241
rs4090309	G	0.0161
rs7741940	T	-0.015

rs2237197	G	-0.018
rs79623802	A	-0.0467
rs145338198	G	0.0579
rs10485120	C	-0.0815
rs9403386	C	0.1203
rs150856223	C	0.1019
rs509102	A	-0.0421
rs1294421	T	0.0144
rs117768666	T	0.0567
rs143885568	A	0.0263
rs206721	G	-0.055
rs77922290	A	0.0288
rs2764084	T	0.0143
rs7768199	C	-0.0575
rs111820644	A	0.0627
rs77709442	T	-0.0407
rs3928896	G	0.014
rs9496692	C	-0.0132
rs79674673	T	-0.0712
rs6906404	T	-0.0475
rs35236821	A	0.0599
rs1497745	G	-0.0969
rs2292477	T	-0.0256
rs118091720	A	-0.0905
rs117810733	T	0.0797
rs6932906	T	-0.0154
rs141393670	T	0.0838
rs13195163	T	-0.0143
rs72928771	T	-0.0324
rs591109	T	-0.0143
rs58593658	C	-0.0246
rs9328435	C	0.0188
rs115782355	G	0.0706
rs17792953	G	0.0418
rs12213031	T	0.0142
rs2092626	T	0.0174
rs74972795	A	0.0392
rs1232314	G	0.0175
rs12202796	A	-0.1105
rs17555505	C	-0.0184
rs34590679	T	-0.0302
rs9375896	A	-0.0189
rs12191731	C	0.0148
rs151183473	G	0.068
rs9480474	A	-0.0679
rs145663573	G	0.0619
rs77249508	T	0.0457

rs148202962	T	-0.0456
rs75948054	A	-0.072
rs73000779	A	0.0908
rs6908099	T	0.0196
rs11752680	A	-0.0546
rs4546536	G	-0.0239
rs10484840	G	0.0188
rs76773251	G	-0.0527
rs79820138	T	0.0551
rs2200959	G	-0.0142
rs72968544	G	0.0264
rs62424598	T	0.0449
rs140617270	A	-0.066
rs116136354	C	0.0546
rs9322103	T	-0.0301
rs112694982	A	-0.0569
rs4407694	A	-0.024
rs80234262	C	-0.0792
rs6908818	G	-0.0141
rs79034709	G	0.106
rs62391551	G	0.0626
rs74626493	C	0.0594
rs201265	T	0.0227
rs35227147	T	0.049
rs6922523	T	0.0138
rs17883901	A	0.0565
rs72906228	C	0.0571
rs12193071	G	-0.0187
rs111744674	G	0.0364
rs146674032	A	-0.0428
rs12197692	T	0.0202
rs1491071	C	0.0179
rs610402	T	-0.0372
rs61073169	C	-0.0197
rs62437447	A	-0.1009
rs407626	C	-0.0155
rs11759530	G	0.0206
rs141058626	A	-0.0601
rs13214731	T	0.0157
rs78855103	T	-0.0237
rs6928120	C	-0.0204
rs611823	G	0.0193
rs1077782	C	0.0707
rs114209367	T	0.094
rs6903080	T	-0.0137
rs7757357	T	0.0147
rs76778765	C	0.1093

rs3010555	G	0.0138
rs2272884	G	0.0943
rs2038155	G	-0.015
rs2820221	C	0.0135
rs115370609	T	0.0472
rs6934715	A	0.0413
rs56290231	T	-0.0325
rs3798938	C	0.0351
rs149861956	G	-0.0493
rs72982241	A	-0.0728
rs147506448	T	0.0726
rs117459545	T	0.1243
rs138522328	T	-0.0565
rs7763368	G	-0.0218
rs72936467	A	0.0843
rs34179517	C	0.0214
rs643002	T	0.0699
rs112939612	C	0.0538
rs138609221	T	-0.0282
rs145236937	A	0.0172
rs62304163	T	0.073
rs12206991	C	0.0252
rs76077281	C	-0.0593
rs6908131	A	-0.0185
rs55810031	G	-0.017
rs117139013	T	-0.0765
rs145201033	T	-0.0796
rs7748648	C	-0.0151
rs1351662	T	-0.0281
rs113045044	C	0.0958
rs117071085	G	0.035
rs13204843	G	-0.078
rs77455352	T	-0.023
rs142752653	A	-0.0607
rs142724247	A	-0.0851
rs80070452	C	-0.0501
rs12208447	T	-0.0641
rs75525399	T	-0.0342
rs148823945	A	0.0637
rs7756128	T	0.0145
rs62394953	T	-0.0354
rs62386713	A	0.0711
rs6938628	C	-0.0192
rs2233423	A	0.0593
rs1341229	C	0.015
rs78664914	G	0.0381
rs72952438	T	0.0521

rs9477412	C	0.0178
rs72836038	A	0.059
rs71555176	G	0.0154
rs74692870	T	-0.1022
rs12203435	C	-0.0155
rs78929763	A	-0.0556
rs72967121	T	-0.1187
rs78559768	C	-0.0983
rs4257832	A	-0.0237
rs9483671	C	0.0178
rs7750445	G	-0.0171
rs150918171	G	0.0208
rs12209689	T	-0.0284
rs111880881	T	-0.0769
rs76207208	C	-0.0312
rs6905381	A	0.0131
rs9365309	A	-0.0177
rs9398162	G	0.021
rs116279574	T	-0.0293
rs13193586	G	-0.026
rs78535534	G	-0.0914
rs149259092	G	-0.0589
rs1413524	A	0.0245
rs79696043	G	0.0509
rs148144206	G	-0.074
rs72951213	T	-0.0625
rs142861463	A	0.0622
rs115325450	A	-0.0566
rs11756916	A	0.0279
rs6926102	C	0.0171
rs2744119	G	0.0215
rs2328515	T	-0.0193
rs147158572	A	-0.1002
rs765783	A	-0.0853
rs12192976	T	0.028
rs9383942	C	0.0191
rs10498979	C	-0.0153
rs143486410	C	-0.1034
rs701658	G	-0.0243
rs77639270	T	0.041
rs116984225	T	-0.0584
rs9372043	T	0.0552
rs4709431	C	-0.051
rs113566654	A	0.0887
rs62403700	G	0.0394
rs115958076	G	-0.1003
rs141430659	G	-0.0551

rs4598104	G	0.0342
rs56255801	T	0.0183
rs117670566	A	0.0597
rs6904374	T	-0.0136
rs139826151	T	0.0324
rs78807090	T	0.0517
rs117363081	C	0.1078
rs13215649	C	0.0157
rs34055431	C	-0.0143
rs146412429	T	-0.0683
rs951402	A	-0.0324
rs9466763	T	0.0217
rs28604540	C	0.1073
rs1282343	G	-0.015
rs75776381	G	0.0479
rs115481281	G	-0.076
rs117784469	A	0.0409
rs7754874	A	0.0166
rs35580045	C	-0.0432
rs62429045	C	0.0554
rs1555230	G	-0.0137
rs9968989	C	0.0636
rs474043	T	-0.0153
rs9294393	T	-0.0181
rs9502289	T	0.0259
rs77460697	C	-0.0548
rs3862815	A	0.0156
rs140559673	A	0.0651
rs895991	G	-0.0309
rs79967991	C	-0.0438
rs62429148	T	0.0801
rs10456296	C	-0.0607
rs151157286	T	-0.1118
rs9343999	T	0.0166
rs72879670	G	0.0659
rs9485487	A	0.0595
rs9391116	G	0.0135
rs34482705	T	-0.0167
rs9380605	C	0.0128
rs73571039	T	-0.054
rs4870428	C	0.0132
rs9378725	A	0.0521
rs7762972	A	0.0189
rs17496632	G	0.0289
rs55804364	T	0.0517
rs74381964	C	-0.0807
rs2031552	G	0.0319

rs138153202	T	-0.0976
rs141795049	C	0.0689
rs140281629	A	0.0654
rs4708721	T	0.0219
rs146004357	G	0.0781
rs6941150	A	0.0144
rs4712499	A	0.0435
rs35232995	A	-0.0669
rs17057571	C	-0.0164
rs79753905	T	0.0619
rs13205844	G	0.0128
rs13209980	A	0.0458
rs118103708	T	0.0463
rs12524286	T	-0.1189
rs833066	C	-0.0138
rs445850	G	0.0141
rs9490813	G	0.0294
rs57503276	T	-0.0229
rs737548	A	-0.0129
rs73506660	G	0.0673
rs9385806	G	-0.0515
rs10755703	G	0.0147
rs7764729	T	0.0303
rs140019284	T	0.0886
rs71533645	G	-0.043
rs12215349	A	-0.061
rs276698	C	0.0184
rs114705768	C	-0.0505
rs72921237	G	-0.0646
rs78120776	T	0.044
rs117389564	C	-0.0886
rs16892196	A	0.0226
rs77512470	T	-0.0862
rs6454746	A	-0.0239
rs2397695	A	-0.0619
rs7770934	A	-0.0185
rs34909032	G	0.0461
rs77755513	T	-0.0498
rs7764555	C	-0.0128
rs142201344	T	0.1145
rs56155196	G	0.0246
rs114704323	G	0.0265
rs4870053	A	0.0151
rs9383708	T	0.0346
rs116870380	G	0.0522
rs6570632	G	0.0161
rs4715959	A	-0.0172

rs9453845	T	0.0232
rs113336571	A	0.0433
rs139859322	C	0.0658
rs112241394	C	-0.0671
rs78300652	A	-0.0859
rs11719	C	0.0155
rs141314578	C	-0.0665
rs75370926	A	0.0339
rs10806746	A	-0.0203
rs17165365	C	0.0292
rs73352953	T	0.0343
rs145535615	C	0.0642
rs9465936	G	0.0146
rs114676809	T	0.0512
rs10456430	A	-0.0506
rs72827827	T	0.0303
rs74601915	C	0.0473
rs35398163	A	0.0319
rs12528356	C	0.0906
rs36061316	A	-0.0201
rs141382271	A	-0.0683
rs12190942	C	0.0382
rs10085258	T	-0.0206
rs143305981	G	0.0384
rs142547443	T	-0.0724
rs7774391	A	-0.0138
rs35354215	G	-0.0498
rs145587407	A	0.0756
rs2300423	G	0.0629
rs141809254	T	0.0698
rs855357	C	-0.1141
rs12200599	C	-0.0129
rs75778409	G	-0.0699
rs78754976	C	0.0262
rs115521166	A	-0.08
rs7747501	T	-0.0583
rs71566447	C	-0.0283
rs138887273	G	-0.0877
rs117480301	A	-0.0359
rs2876555	C	-0.0141
rs72963538	T	-0.0392
rs9479832	A	-0.0191
rs60911616	G	-0.018
rs510587	A	-0.0354
rs117599227	G	-0.0995
rs1934904	A	0.013
rs13206538	G	0.0247

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rs9402351	G	-0.018
rs16900404	T	-0.0251
rs17057629	G	0.0145
rs62406546	A	-0.0854
rs7761140	G	-0.0141
rs12190587	G	0.0608
rs9393112	T	-0.0276
rs62432669	A	-0.096
rs74911991	T	-0.039
rs1933177	T	0.048
rs17627242	C	0.0384
rs117125544	A	-0.0495
rs9386999	A	-0.0713
rs7739871	T	0.0127
rs73599442	T	0.0481
rs117731281	G	-0.0664
rs150642924	T	-0.0424
rs2165122	C	0.0206
rs56240552	T	-0.0445
rs6903922	A	-0.0135
rs415446	C	0.0131
rs77029318	A	0.0196
rs78380086	G	-0.0645
rs62401421	G	-0.0389
rs148317771	A	0.0494
rs147723688	A	-0.0321
rs6904769	C	0.0218
rs138129120	C	-0.0324
rs72938036	T	0.0262
rs80077916	G	-0.0304
rs74756259	T	0.0265
rs67382538	C	0.0407
rs9349158	C	0.0183
rs79959226	T	0.0262
rs2753977	C	-0.0199
rs79964174	C	0.0419
rs141952015	A	0.1021
rs2788942	G	0.0133
rs9458223	G	-0.0145
rs76115148	G	-0.0296
rs116950002	C	0.0318
rs77232508	T	0.0546
rs117179436	A	-0.0964
rs115458883	C	0.1183
rs75301026	G	-0.0395
rs117109994	G	0.0582

rs149830460	G	-0.0479
rs2146274	C	0.0127
rs78699110	G	0.0481
rs9474420	T	-0.0562
rs76115844	A	-0.0153
rs4710707	A	0.023
rs1485363	G	-0.0129
rs73032045	A	-0.0244
rs9654578	A	0.0574
rs1545092	C	0.0138
rs117083306	G	-0.045
rs116488359	T	-0.0705
rs115769567	C	-0.0657
rs62407750	T	-0.0329
rs115456811	G	-0.0994
rs116852554	G	-0.0779
rs13213337	A	0.0156
rs7766672	G	0.0181
rs78647687	T	-0.0282
rs1226548	A	0.0188
rs57121184	G	0.0657
rs9473037	G	-0.0416
rs111916518	T	0.0581
rs142915124	T	0.0925
rs13196881	T	0.0499
rs9470047	C	-0.0237
rs17409658	T	-0.023
rs79597003	C	0.0393
rs2144437	A	-0.0553
rs55967121	A	0.0521
rs28971492	G	0.044
rs9363587	A	0.0535
rs3122369	C	0.013
rs62433806	T	-0.0151
rs2233437	A	-0.0144
rs1409837	C	0.0223
rs74358705	G	-0.0377
rs150100479	T	-0.0559
rs35408229	T	-0.0282
rs2842963	A	-0.013
rs4710750	A	0.0144
rs140132907	T	0.0496
rs79825954	G	0.0367
rs9375675	G	0.0211
rs3010282	T	0.0155
rs79140486	A	0.0317
rs11155567	T	-0.0167

rs12197494	T	0.0447
rs78481266	C	-0.0334
rs117938016	T	-0.0618
rs7751537	G	0.0503
rs9349220	C	-0.0133
rs78297996	A	0.1082
rs35795392	C	0.0231
rs2031551	T	0.0353
rs12211302	A	0.0153
rs115623160	G	-0.0932
rs41267137	A	-0.0561
rs116539622	T	0.0694
rs113705174	T	0.0411
rs9391217	T	-0.0162
rs56231728	T	-0.015
rs72823879	A	-0.0318
rs117163292	G	0.0559
rs140433505	T	-0.0598
rs7759804	G	-0.0156
rs13209233	C	-0.0127
rs79770432	T	0.0543
rs74842671	T	0.0561
rs116845698	C	0.0385
rs12206142	A	0.038
rs3800232	T	-0.0197
rs9381122	C	0.0177
rs13196624	A	0.0317
rs7758977	T	0.0164
rs10499179	G	-0.036
rs113323160	A	-0.0624
rs2064604	T	0.0206
rs12665492	G	0.0569
rs62435893	T	0.0253
rs58163119	A	-0.042
rs7771713	C	0.0143
rs73775652	C	0.0177
rs12204671	T	0.0611
rs62389469	C	-0.0222
rs10948902	G	0.0316
rs145698892	A	0.0615
rs9360663	G	-0.0168
rs112581842	A	-0.0598
rs12197393	G	-0.0157
rs117620046	T	-0.0678
rs117245681	G	0.0774
rs17143233	T	0.0302
rs72947184	G	0.0321

rs151119089	A	0.0823
rs2235144	C	-0.0568
rs117929666	C	-0.047
rs10948085	T	-0.0148
rs147930481	C	0.1089
rs932477	A	0.0212
rs80169501	C	-0.0751
rs35965870	A	0.0198
rs73007465	C	-0.0285
rs58140569	G	0.0149
rs149635339	C	-0.0618
rs12665096	A	0.0127
rs115602828	C	0.0524
rs75145031	T	0.0216
rs56343863	G	-0.0386
rs59926254	C	0.0209
rs2819974	T	-0.0152
rs72833065	C	0.0857
rs9345131	C	0.0393
rs117651719	A	0.0643
rs9376370	A	0.0166
rs149285538	T	0.0581
rs12192393	G	-0.0173
rs12527089	T	-0.033
rs115809148	T	0.1284
rs12524910	G	0.0439
rs9378796	T	-0.0146
rs72991714	T	-0.0837
rs75209629	G	-0.0636
rs697465	T	-0.0135
rs72833749	A	-0.0509
rs117183258	A	0.0741
rs112450243	A	0.0316
rs10458192	A	-0.0183
rs1397845	G	0.0155
rs1322862	C	0.0135
rs9375327	A	-0.0477
rs4959271	A	0.018
rs76527487	G	-0.0879
rs4870513	T	-0.0129
rs180005	T	0.0737
rs223287	C	0.0244
rs1050979	G	-0.0126
rs1016925	T	0.0178
rs140493815	G	0.0575
rs4506076	A	0.016
rs958762	C	-0.0125

rs143588486	G	-0.0522
rs9322315	G	-0.0244
rs117564808	T	-0.0351
rs2487403	C	-0.0213
rs75480731	C	0.0926
rs115958920	T	-0.0423
rs828657	T	0.0125
rs76340109	A	-0.063
rs639777	G	-0.0141
rs9451596	G	0.081
rs115983727	A	-0.0552
rs73026487	C	0.0259
rs16893713	G	-0.0479
rs139002060	T	-0.0482
rs79868980	G	-0.0348
rs1050517	C	0.024
rs9504568	A	0.0354
rs73367528	T	0.0171
rs71572930	G	-0.0324
rs34753549	C	-0.0154
rs5026278	C	0.0348
rs10484539	G	0.0436
rs9395650	C	-0.0188
rs55707028	T	-0.0645
rs72995719	T	-0.0195
rs2763021	A	0.0202
rs12203956	C	-0.0248
rs6569812	C	-0.0152
rs11753802	G	0.0134
rs36113073	G	-0.0812
rs114528761	T	0.061
rs513216	T	0.0153
rs10943371	G	-0.0186
rs78598996	A	0.0739
rs111429499	G	0.0551
rs141744295	T	-0.0384
rs78136374	A	0.0858
rs62411156	A	0.0886
rs56061537	A	0.0525
rs12200524	A	-0.018
rs9366872	G	0.0126
rs140092432	C	0.0744
rs11752209	G	-0.0217
rs143102031	C	-0.098
rs74873441	G	-0.0732
rs1474710	T	-0.0335
rs150857648	A	-0.109

rs76282826	A	0.0493
rs6455455	C	0.0232
rs9405976	G	-0.0144
rs4410751	T	-0.0136
rs72817801	C	-0.0733
rs541076	C	-0.018
rs12197673	C	0.0721
rs8180615	T	-0.0145
rs9378957	C	0.0193
rs821292	G	-0.0209
rs76610007	C	-0.0342
rs4513792	G	-0.0225
rs75962000	A	0.0572
rs76738896	T	0.0346
rs111424769	G	-0.0798
rs1619049	T	0.0198
rs77440450	A	-0.0258
rs75837827	A	-0.0227
rs1482445	T	-0.0177
rs9458596	G	-0.0671
rs145096356	A	-0.1184
rs80072717	G	0.084
rs62398905	T	-0.0362
rs9395381	G	-0.0323
rs9347272	T	-0.0137
rs78382872	G	-0.0522
rs72880136	A	-0.0741
rs79105133	G	0.0748
rs1918334	T	0.0155
rs9453403	T	-0.0286
rs62420360	T	-0.0179
rs3789793	C	-0.0132
rs148545942	A	0.0787
rs4712001	A	-0.0134
rs61150018	G	0.0397
rs117178447	C	-0.068
rs1962749	A	0.027
rs34815181	A	-0.0852
rs2496639	T	-0.0196
rs12197252	A	-0.0379
rs145704363	A	0.0594
rs118126095	G	0.0638
rs4432994	T	0.0316
rs147775550	T	0.0904
rs146701865	A	0.0469
rs8191782	T	0.061
rs77673709	A	-0.0441

rs79171795	G	-0.0479
rs9464966	C	-0.0144
rs6912271	T	0.0268
rs116912878	A	-0.0525
rs7766157	G	0.0206
rs115218879	A	-0.0582
rs221735	G	0.013
rs879159	A	-0.0817
rs13194405	G	0.0157
rs7740664	T	-0.0211
rs41308309	A	0.0565
rs62412948	T	-0.023
rs73780575	C	-0.0847
rs78598955	C	-0.0677
rs41497951	T	0.0473
rs75377552	A	-0.0609
rs4870480	C	0.0161
rs943079	G	0.015
rs2187213	A	0.0139
rs111294277	C	-0.0632
rs267808	A	-0.0127
rs1229693	C	-0.0279
rs61730651	T	-0.0185
rs4712466	A	-0.0246
rs205208	T	0.0208
rs6901639	C	0.0198
rs9384400	T	0.0249
rs2493833	C	0.0133
rs72874563	A	0.0486
rs78416260	C	0.113
rs9400482	T	-0.0192
rs59563594	A	-0.0952
rs71570812	A	0.0558
rs111847338	A	0.0361
rs117812465	A	-0.0639
rs80111909	A	0.0621
rs148969162	T	0.0612
rs9348927	A	-0.013
rs80037755	A	-0.0231
rs118117193	G	0.0486
rs2745635	A	-0.0317
rs7764197	T	0.0224
rs79292643	A	-0.0701
rs78906096	T	0.0388
rs77705101	G	0.0631
rs73426626	A	0.0434
rs113400315	T	0.0547

rs78800707	C	-0.1457
rs748227	T	-0.042
rs6936915	C	0.0123
rs11759691	T	-0.0199
rs10807584	C	-0.0127
rs76633334	C	-0.0329
rs11755131	T	-0.014
rs78119392	G	0.0699
rs117952484	C	-0.0803
rs384105	A	0.0124
rs62417883	T	-0.0182
rs35183314	C	0.0579
rs172272	C	0.0263
rs143679753	A	0.0871
rs13200279	A	0.0671
rs9445085	T	0.0199
rs7740880	G	0.0406
rs9345733	A	0.0499
rs11757496	T	-0.0498
rs73718409	T	-0.0372
rs17618335	G	0.057
rs72860448	C	0.0132
rs117224807	C	0.0634
rs9502088	C	0.0198
rs117846699	T	0.0488
rs142985379	A	0.0704
rs72831707	T	0.0453
rs115251449	G	-0.0605
rs17088106	A	-0.0531
rs77871658	C	0.0714
rs77853384	T	0.0344
rs75201597	G	0.0445
rs76051250	A	-0.0476
rs147425425	T	-0.0594
rs56297647	A	0.0582
rs112464557	C	-0.0969
rs74790524	C	0.0407
rs9369649	C	0.0122
rs75897880	C	-0.0699
rs4084217	G	-0.0202
rs1150567	C	0.0366
rs12528537	A	-0.0587
rs115885550	T	0.0601
rs35402192	C	0.0231
rs3819403	T	-0.0238
rs3828927	T	0.0134
rs6455372	T	0.0168

rs78757952	A	-0.0846
rs2295205	G	-0.0201
rs34805502	A	-0.0415
rs4637660	C	-0.0242
rs2235269	T	0.0205
rs114772285	C	-0.033
rs4537158	T	0.0743
rs5017599	G	-0.0476
rs76159240	T	-0.0606
rs114713905	A	0.0902
rs146822273	A	-0.064
rs11961616	G	-0.0159
rs6455002	G	-0.0458
rs6597269	A	0.0174
rs72998509	C	-0.0507
rs11967485	A	0.0209
rs6458821	A	-0.0142
rs9294899	T	-0.0206
rs117311733	T	0.0464
rs17083085	T	0.0169
rs407024	T	-0.0627
rs10948102	T	0.0129
rs141816380	A	0.0992
rs608255	C	0.0158
rs9396529	T	0.0171
rs115936161	C	-0.0547
rs59720758	C	-0.0296
rs3822849	G	-0.015
rs12214820	A	0.0236
rs2792467	T	-0.0609
rs111303907	G	-0.0446
rs6926157	G	0.0397
rs28576886	A	0.0482
rs147305091	A	0.0892
rs10807621	G	-0.0126
rs139489426	C	-0.0797
rs79344150	T	0.0736
rs75352718	A	0.0648
rs2505035	T	-0.0326
rs117069960	G	-0.047
rs10447432	C	0.1
rs1190798	C	-0.0616
rs17860840	A	0.0618
rs9348528	A	-0.0155
rs71567654	T	0.0214
rs116655995	A	0.0552
rs77945565	T	0.0794

rs142832276	T	-0.0737
rs11962421	T	0.0498
rs9399642	G	0.0122
rs17348534	T	0.0152
rs79253340	G	-0.0681
rs988309	G	-0.0294
rs9370979	G	0.0152
rs115736156	A	0.0345
rs13201880	G	-0.0455
rs112134339	T	-0.0723
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rs141416490	C	-0.1104
rs138274389	C	-0.0718
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rs4839760	C	-0.0128
rs9295069	T	0.0341
rs6927917	A	-0.0163
rs4596494	T	-0.0496
rs55701430	A	0.0192
rs7749680	G	-0.0167
rs9294162	G	0.0333
rs13208270	A	0.0245
rs147901870	C	0.0432
rs62427644	G	-0.0327
rs2094442	C	-0.0196
rs12192017	C	0.0249
rs150678222	T	0.0659
rs11153822	T	-0.0125
rs113239707	T	0.0394
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rs56324439	A	-0.0285
rs35257641	G	-0.0567
rs114789960	C	0.0688
rs146645113	A	0.0525
rs72971879	C	0.0204
rs73633151	G	-0.0214
rs75629635	C	0.0361
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rs77984790	T	0.03
rs115033195	G	0.0504
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rs78335089	G	-0.021
rs143718349	G	0.1082
rs117709083	A	-0.0798
rs11755555	A	-0.0213
rs2245409	G	-0.0183
rs352099	A	-0.0142
rs9357566	T	0.0133
rs75665649	C	0.0749
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rs2495994	G	-0.0232
rs2806373	G	0.0139
rs9388388	T	0.0138
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rs79268175	T	0.0394
rs139501873	T	-0.0898
rs9458246	C	0.026
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rs117402056	A	0.0514
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rs116226296	A	0.0676
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rs9378314	A	-0.0197
rs79800690	G	0.0498
rs73761407	C	-0.0332
rs12207591	G	-0.0207
rs28634272	C	-0.0796
rs112620420	G	-0.0735
rs73026185	A	-0.0457
rs471255	C	0.0222
rs4946678	C	-0.0144
rs73006343	T	-0.0442
rs6931002	G	0.0125

rs77554466	T	0.111
rs10485414	T	0.0212
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rs74767227	T	0.0444
rs115937691	G	0.0267
rs79382527	G	0.0425
rs6932796	T	-0.0772
rs844134	T	0.0189
rs146123284	A	-0.0836
rs144680988	C	-0.0922
rs11752412	T	-0.0559
rs10080757	C	-0.0154
rs115403893	A	0.0619
rs140931532	T	-0.0548
rs79159299	T	0.0329
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rs12213467	T	0.013
rs12200663	T	-0.0127
rs1076673	T	0.014
rs74786154	A	0.0655
rs75256899	A	0.0449
rs117207089	G	-0.0711
rs113909235	A	-0.0547
rs10484813	G	-0.017
rs117481755	G	-0.0858
rs9399997	T	-0.0194
rs17076418	G	0.0419
rs9395787	A	-0.0127
rs62436330	C	0.0328
rs1326591	G	-0.1026
rs9370225	G	0.0125
rs13216344	C	0.0289
rs4716079	C	0.0166
rs9460847	A	-0.0199
rs2818126	C	-0.0227
rs1064713	A	-0.0482
rs777609	T	0.012
rs10944035	T	-0.0131
rs13205973	G	0.015
rs78522703	G	0.0458
rs55665958	C	0.0577
rs78859390	T	-0.0968
rs72827430	C	0.0597
rs143432463	G	0.0217
rs74886564	C	0.0185
rs72990756	G	0.0603

rs11754940	G	0.036
rs6457897	C	-0.0133
rs73010626	A	-0.0531
rs117550016	T	-0.0631
rs7771562	T	0.058
rs77119381	T	0.0807
rs4870306	G	-0.0135
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rs140111526	T	0.03
rs765338	G	0.02
rs73735244	C	0.0353
rs112748126	C	0.0446
rs139162074	A	-0.076
rs536980	C	0.0146
rs17667167	T	-0.0134
rs115387803	T	0.0608
rs228141	C	-0.0126
rs1160475	G	0.02
rs59610822	T	0.0193
rs117480495	G	-0.058
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rs34460753	T	0.052
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rs149792345	G	0.0199
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rs76020312	A	0.0626
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rs112077510	T	-0.0483
rs6911282	A	-0.0173
rs139415713	T	0.0439
rs146597926	T	0.0555
rs1268123	T	-0.0163
rs145828523	A	0.0519
rs115584651	C	-0.0381
rs76212347	T	-0.0571
rs116462846	A	0.072
rs62391489	C	0.021
rs1226540	T	-0.0131
rs79864131	G	-0.0635
rs1407220	G	0.0154
rs117292830	A	0.0727
rs117626851	G	-0.054

rs6933819	G	0.0223
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rs117475326	A	-0.0452
rs9321271	C	0.0284
rs112221359	T	0.0178
rs9347350	T	0.017
rs2267955	G	-0.0232
rs62412954	T	-0.0505
rs6455130	T	-0.021
rs75438188	G	0.1034
rs675640	A	-0.0205
rs10455150	A	0.0145
rs11155282	G	0.0124
rs148499459	C	0.051
rs147257756	G	0.0832
rs11155558	A	0.0155
rs77739330	A	0.0629
rs114526872	A	-0.079
rs117498119	C	0.0831
rs140795895	T	0.0901
rs1485375	C	-0.0121
rs78995803	T	-0.0346
rs77009034	T	0.0553
rs4609005	A	-0.0485
rs9405981	T	0.0147
rs144957017	G	-0.0536
rs10457506	A	-0.0436
rs12191820	T	-0.014
rs2802453	T	-0.0173
rs56385537	A	0.0285
rs9394404	T	-0.0289
rs75920973	A	-0.1116
rs116106982	T	-0.0459
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rs144851197	T	-0.075
rs529788	C	-0.015
rs9346723	T	0.0645
rs62430810	T	-0.0352
rs2281435	T	0.0417
rs4947170	A	-0.0803
rs12205236	A	0.014
rs62408588	A	-0.0643
rs6910739	T	0.0134
rs117730750	T	0.0673
rs78057115	C	0.0782

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rs146393298	T	-0.0494
rs9361533	G	-0.0162
rs62432763	A	0.0251
rs72867559	A	0.0421
rs77985133	A	-0.0445
rs2498232	C	0.055
rs1742531	A	0.0189
rs7769514	G	0.0185
rs114435103	T	0.0516
rs2820350	A	-0.0204
rs13217078	A	-0.0436
rs11755847	T	0.0715
rs13219690	A	0.0157
rs11756088	T	-0.0534
rs9496516	G	0.0396
rs117435507	T	-0.0965
rs9342101	T	-0.0145
rs77653701	A	0.0705
rs78034479	G	-0.0397
rs9368815	C	-0.031
rs114087172	C	0.0565
rs116818216	T	0.0472
rs9363051	T	0.0128
rs72984871	C	0.0859
rs150897668	G	0.0617
rs62432361	C	0.025
rs139649381	A	0.0506
rs78187052	A	-0.0718
rs6921543	G	0.0443
rs9392297	T	-0.036
rs12207703	G	-0.0158
rs72901687	A	-0.0394
rs12200342	C	0.0142
rs2769345	C	0.0121
rs74435299	C	-0.0502
rs72916565	A	-0.0285
rs118002022	C	-0.0372
rs61574843	T	-0.0349
rs72846526	T	0.0208
rs3814072	T	0.0223
rs41292886	T	0.0311
rs145247370	A	0.0851
rs116954615	G	0.0456
rs116799780	A	0.0541
rs117255992	G	-0.0739

rs4895860	A	-0.0576
rs73002128	G	0.0573
rs12210267	T	0.0132
rs114926417	A	-0.061
rs10946674	G	-0.0132
rs4383818	G	0.0153
rs117416990	T	0.0665
rs7761103	T	-0.0123
rs116427122	C	0.0684
rs6921059	T	-0.0472
rs149671834	G	0.0911
rs12196511	T	-0.0221
rs12204269	A	-0.0256
rs72912851	A	-0.0551
rs746096	T	-0.0178
rs114096814	T	-0.0682
rs9358817	A	-0.0118
rs77980411	A	-0.0524
rs6913732	G	-0.0295
rs116315805	G	-0.0494
rs75506523	T	0.074
rs9353761	G	-0.012
rs111675938	C	0.0736
rs12210659	G	0.014
rs72925407	C	0.0407
rs72956707	G	0.0229
rs151086917	G	-0.0541
rs114199601	A	0.0634
rs142512113	C	-0.0767
rs147759922	C	-0.0417
rs8180539	A	0.0125
rs13213832	G	-0.0176
rs13213123	T	0.0468
rs62448866	T	-0.0638
rs77488117	T	0.0422
rs11759033	T	0.022
rs4946576	C	-0.0715
rs78539857	A	0.0572
rs117868400	G	-0.0243
rs10085328	G	0.0197
rs114300920	C	0.0428
rs35806880	C	0.0515
rs28594633	A	0.0423
rs76390570	A	0.0566
rs12154078	G	0.0356
rs140077194	A	-0.0843
rs9492410	A	-0.0154

rs77114388	T	0.0292
rs12211622	T	0.0283
rs868905	C	0.0119
rs144438383	T	0.0667
rs2076308	C	0.0161
rs1266787	C	0.033
rs73028191	C	0.0475
rs262915	G	-0.0452
rs12528445	T	0.0187
rs73577434	T	-0.0503
rs148346782	G	-0.0712
rs117979657	C	0.0403
rs76415553	A	-0.0624
rs13202730	G	0.0288
rs117592779	C	0.0702
rs55698849	C	0.0459
rs6927647	G	-0.0221
rs138532649	T	0.086
rs150338298	T	0.0716
rs138130332	C	-0.0249
rs9494673	A	-0.0244
rs80257655	G	-0.0456
rs12182252	G	0.0132
rs115236394	A	0.0326
rs146562348	T	0.0398
rs114215488	A	0.0442
rs16881835	C	-0.0278
rs2324227	C	0.0238
rs3804527	C	0.0204
rs80003300	C	0.0232
rs139194191	G	-0.086
rs1886241	C	0.0453
rs12664350	T	-0.021
rs79815996	T	0.041
rs523536	C	-0.0289
rs112789860	T	-0.1089
rs74976211	T	0.074
rs77079164	C	-0.0367
rs59871575	A	0.0341
rs12206888	A	0.0252
rs6915641	A	0.068
rs74702185	T	-0.0342
rs72849702	T	-0.0202
rs9485335	G	0.0165
rs1276643	A	0.0567
rs13218460	A	0.012
rs196709	A	0.0222

rs11154282	A	-0.0128
rs12663089	G	-0.0167
rs17815180	C	-0.0983
rs75262380	A	-0.0454
rs1445287	T	-0.0128
rs7771631	A	0.0147
rs12524704	C	-0.0204
rs113029951	C	0.0997
rs2018894	T	-0.0136
rs807904	A	-0.0144
rs118124932	T	0.0649
rs11966733	A	-0.0584
rs74557262	C	-0.0488
rs4712578	A	-0.0137
rs74366840	T	-0.0313
rs36062337	T	0.0203
rs140654241	A	0.0767
rs143326101	T	0.088
rs9969033	G	0.0147
rs9321061	A	0.0115
rs76339198	C	0.0756
rs2140034	T	-0.0197
rs10949381	C	-0.0119
rs12214353	G	-0.0489
rs73004733	A	-0.0553
rs80127959	C	0.0655
rs2015467	T	0.0409
rs13205584	A	0.0628
rs62407996	G	-0.0279
rs76693637	A	-0.0404
rs12211639	C	0.0136
rs73028667	C	0.0273
rs76665517	C	0.0302
rs2983509	A	-0.0127
rs236391	C	-0.0129
rs9398071	C	-0.0143
rs767860	A	0.0119
rs115680002	G	-0.0843
rs148824683	T	0.0572
rs9294597	A	-0.0368
rs113075418	A	0.0287
rs74626027	A	-0.0232
rs78693146	T	0.0197
rs61448283	T	-0.0504
rs79096514	A	-0.0469
rs76945403	C	-0.0851
rs55856113	G	0.0237

rs143193030	G	0.0482
rs140068881	T	-0.0765
rs150483277	A	0.0312
rs846978	T	-0.0209
rs116978893	C	-0.0403
rs113658918	C	-0.0716
rs4962255	G	-0.0216
rs139072234	C	0.0771
rs9322138	A	-0.0139
rs12203869	T	0.0132
rs7754435	A	0.0878
rs9459498	G	0.0139
rs138751275	T	0.0663
rs964420	G	0.0121
rs1599056	A	0.0611
rs1853146	A	-0.0122
rs9492364	C	-0.014
rs117352334	T	0.0423
rs17772897	C	-0.0169
rs75817810	A	0.035
rs7766795	G	-0.0125
rs4716310	G	0.0153
rs650342	C	-0.0139
rs9321994	G	0.0195
rs11538984	C	0.0573
rs34794236	C	0.0447
rs9379643	A	0.0141
rs114020237	A	-0.0713
rs150812071	C	0.0632
rs111765040	A	0.0159
rs35249926	T	0.0169
rs76542502	G	0.049
rs9376408	T	0.0156
rs10945891	C	-0.0216
rs113102559	T	-0.066
rs77209735	C	0.0949
rs117769709	T	0.0392
rs3734903	T	0.0278
rs59124372	T	0.0143
rs9491123	A	-0.0548
rs72831692	T	0.0588
rs141738411	C	-0.0738
rs74348304	A	0.0574
rs4557511	T	-0.0137
rs4276495	T	0.0135
rs149990048	C	-0.0567
rs74809754	A	-0.022

rs16894544	A	0.0296
rs75628159	T	0.0322
rs111986715	G	0.0646
rs76599837	C	-0.0232
rs75472965	G	-0.0394
rs9505291	G	-0.0282
rs12190326	A	0.0275
rs138704807	G	0.0807
rs16897954	A	0.0375
rs113660916	T	-0.0623
rs499466	C	-0.012
rs12527133	C	-0.0376
rs17574500	T	0.017
rs138165380	A	0.031
rs149651374	T	-0.0255
rs7746854	C	0.0118
rs6458308	C	0.0121
rs62423789	A	0.0514
rs77138841	C	0.041
rs13205478	T	-0.0138
rs142703670	A	0.075
rs34923767	T	0.0309
rs7754553	G	-0.0324
rs118102217	A	0.1076
rs148130390	C	0.0575
rs79210306	T	0.1
rs62401199	T	0.0246
rs62433169	A	-0.0713
rs12192953	T	-0.0553
rs62427867	C	0.0309
rs74482173	A	0.0501
rs58334434	T	-0.0333
rs116378338	T	-0.0491
rs62422696	A	-0.0389
rs1413601	C	-0.0152
rs117021682	T	-0.0497
rs9372877	T	0.0543
rs116972215	T	-0.0439
rs318487	G	0.0154
rs57967133	T	0.0169
rs72954164	A	-0.0794
rs11155308	A	-0.0266
rs115037482	C	-0.057
rs11961437	A	0.0358
rs144112342	C	0.0638
rs117313106	A	-0.061
rs9372529	C	-0.0191

rs408889	A	-0.0119
rs1486761	T	0.0117
rs9366016	C	-0.0269
rs116320231	A	-0.0259
rs6916515	A	0.0174
rs12190943	C	0.0285
rs9365736	A	0.0169
rs56193336	A	-0.0334
rs11752829	T	-0.0476
rs4715523	A	-0.012
rs2340748	T	-0.0128
rs74749089	T	0.0728
rs7771538	A	0.0651
rs76775154	C	0.0496
rs76465737	A	0.0606
rs9392320	A	-0.0119
rs3024994	T	0.0368
rs139567883	C	0.0678
rs117913137	C	0.057
rs34923036	T	0.0277
rs76396345	C	-0.0411
rs9406122	G	0.0203
rs142869390	A	-0.0376
rs144637238	A	-0.0616
rs73614006	C	-0.0238
rs114248015	T	0.0532
rs6906202	C	0.0139
rs75408463	G	0.0331
rs9401591	A	0.0562
rs12660660	T	0.0667
rs77017049	T	-0.014
rs9399667	G	0.023
rs72825059	T	-0.0376
rs6557389	T	-0.0146
rs112853751	T	-0.0839
rs17639308	C	-0.0184
rs9369151	G	0.0158
rs12154060	G	-0.0396
rs17445591	A	-0.0192
rs72849175	G	0.0339
rs151093994	A	0.0515
rs75328481	A	0.0394
rs146919999	T	0.0839
rs76931947	G	0.0615
rs138833403	T	0.0825
rs146695676	C	0.0774
rs2635446	C	-0.0185

rs79950704	A	-0.0313
rs9473201	T	-0.0949
rs6924562	T	0.0121
rs148373102	A	-0.0864
rs76127820	T	0.0433
rs6939385	G	-0.0228
rs4959688	G	-0.02
rs114643255	A	-0.0425
rs77447476	C	0.0818
rs72840810	G	-0.0271
rs75990502	G	-0.0595
rs1757973	G	0.0132
rs112718726	A	-0.0885
rs12660487	G	0.0649
rs149771331	C	0.041
rs75764140	T	0.04
rs75885118	C	-0.036
rs9467372	T	-0.0859
rs7748810	G	-0.0182
rs12529883	A	0.0362
rs13195776	T	-0.023
rs17722237	A	0.0124
rs78146023	A	-0.0514
rs897099	T	-0.0393
rs73586939	A	-0.0898
rs795213	A	-0.0126
rs12530098	T	0.0296
rs77703928	A	0.0491
rs75835956	A	0.0397
rs80223363	T	0.0552
rs78361121	G	0.0654
rs77178280	G	0.0463
rs148176000	T	-0.0483
rs75630080	C	-0.0555
rs76233003	A	0.0598
rs9457329	A	0.019
rs627358	A	0.012
rs75244712	A	0.0478
rs55912985	T	0.0414
rs9384363	A	-0.0264
rs7765395	T	0.0145
rs12526330	C	-0.0187
rs41441749	T	0.0153
rs142419325	C	0.0507
rs79964987	T	0.0872
rs16899319	T	0.0357
rs667078	G	-0.0136

rs9363661	A	0.0178
rs76093384	A	-0.0622
rs139927758	A	0.0563
rs9342660	C	-0.0145
rs72901307	G	0.0277
rs141014363	C	-0.0712
rs79260876	A	0.0436
rs748550	T	0.0315
rs548826	T	-0.0557
rs4709732	T	0.0119
rs1226527	C	0.0434
rs77920493	T	0.087
rs117060047	T	-0.0451
rs114475039	T	-0.0419
rs9345854	A	-0.0131
rs118148704	A	-0.0772
rs74187450	G	-0.0343
rs79202141	C	-0.0653
rs147599707	T	0.0628
rs117795127	T	-0.0855
rs138314378	A	0.0443
rs79977265	T	-0.0531
rs77933553	T	0.0277
rs4711769	C	0.0142
rs240763	T	-0.0166
rs9321502	C	-0.0117
rs12199089	C	0.0492
rs72865526	T	-0.0185
rs79908603	T	0.0649
rs2206978	A	-0.0515
rs138689880	A	0.0856
rs2816223	G	-0.0187
rs6569691	C	0.0176
rs749659	T	-0.0273
rs138008618	T	-0.044
rs76370341	A	0.0406
rs12216113	G	0.0117
rs10498658	T	-0.0142
rs75887241	C	0.0498
rs17558183	A	0.0526
rs9372397	T	0.0113
rs72876079	C	0.0307
rs117502166	G	-0.0474
rs9343497	C	0.0311
rs12205009	C	-0.0151
rs72833873	A	0.0151
rs148268499	A	0.0788

rs146925628	T	0.077
rs12526866	G	-0.0459
rs17753839	G	-0.0604
rs78965803	A	-0.0513
rs10484959	G	-0.0262
rs78272961	C	-0.0398
rs56098473	C	0.0146
rs78917720	A	-0.0766
rs6930752	A	0.0159
rs9493793	G	-0.0166
rs13197551	C	0.03
rs116107402	G	-0.0598
rs112110051	A	-0.0304
rs115388133	T	-0.0383
rs146873237	C	-0.035
rs115328834	G	-0.0318
rs179942	T	0.014
rs9345263	A	-0.0121
rs146780523	A	0.1167
rs11756333	G	-0.0359
rs112497407	T	-0.0284
rs1265251	A	0.0365
rs76358326	C	0.0284
rs62435598	G	0.0279
rs62401163	C	0.0257
rs76086990	T	0.0251
rs73373091	T	-0.0377
rs115905035	C	0.0615
rs35621098	A	-0.0911
rs2184453	C	-0.0117
rs76749940	A	-0.0583
rs9472543	C	-0.0512
rs12663803	T	0.0186
rs117015197	T	0.0594
rs72924793	C	0.0201
rs1544168	C	-0.0126
rs77173674	T	0.0722
rs78520004	T	-0.0339
rs72997017	T	-0.0341
rs150579764	T	0.0469
rs2326918	G	-0.0167
rs115596157	C	-0.0734
rs9454653	C	-0.0775
rs1890542	C	0.0362
rs11756191	T	0.0153
rs2326357	T	0.0158
rs116608512	G	0.0336

rs115573365	T	-0.0708
rs72889324	G	0.0375
rs10214526	C	-0.0227
rs72815658	T	-0.0155
rs13193475	T	-0.0376
rs7755652	T	-0.0112
rs150479150	A	0.0475
rs7765898	A	-0.0316
rs13195323	C	-0.0448
rs9377073	G	0.0237
rs12055715	T	0.0118
rs9446650	T	-0.0171
rs11752653	T	0.012
rs117819382	T	-0.0947
rs115250714	G	0.0536
rs11153367	C	-0.0116
rs118086453	A	0.0919
rs112448721	C	0.0571
rs1889289	T	0.0222
rs144660617	A	-0.0643
rs148318354	C	-0.0564
rs1037881	A	0.0134
rs9380766	C	-0.0112
rs6934866	A	-0.0143
rs62432300	A	-0.0256
rs62405932	C	0.0223
rs2770125	T	0.0461
rs9376016	T	-0.0334
rs57225509	G	0.0771
rs9397359	T	0.0129
rs77232230	A	0.0744
rs520318	C	-0.0133
rs9379644	C	-0.093
rs114862040	T	0.0527
rs9328376	T	0.012
rs62431594	C	0.0624
rs73745852	C	-0.0281
rs56402635	C	0.0483
rs76301448	G	-0.0618
rs112906420	T	-0.0337
rs9358986	A	-0.0113
rs10944578	G	0.0152
rs62423578	T	-0.0379
rs113067695	A	0.0742
rs17062666	G	-0.032
rs117924626	A	-0.0485
rs117499398	A	-0.0441

rs734242	C	-0.0135
rs117785035	A	0.1162
rs435612	A	0.0189
rs78055825	T	0.0561
rs115022680	G	-0.0467
rs111693731	A	0.0866
rs16883400	A	-0.0487
rs75367177	A	0.0366
rs149816189	C	-0.064
rs9365407	G	-0.0168
rs71568844	A	0.0755
rs76189782	T	-0.0492
rs10457161	T	-0.0128
rs9357703	G	-0.0124
rs2179093	G	0.0116
rs57030570	A	0.031
rs11759763	G	0.0242
rs3213536	T	-0.0505
rs143739466	T	0.095
rs75120063	A	0.0366
rs2781562	A	-0.0141
rs140845898	G	-0.0479
rs150275472	T	0.0695
rs6915702	A	-0.0123
rs80340126	A	0.0288
rs389746	A	-0.0227
rs62432363	A	-0.0505
rs75570691	C	0.0262
rs142414701	G	0.1005
rs7756100	C	0.0436
rs116867480	A	-0.0767
rs846996	A	0.022
rs7764498	T	-0.0477
rs74816853	T	0.094
rs56005436	A	0.0703
rs12200903	G	0.0244
rs11962839	T	-0.0156
rs117831466	T	0.0397
rs12661464	A	0.0182
rs56285624	C	-0.0902
rs79386604	T	0.034
rs75338457	T	0.0621
rs76958929	C	-0.0437
rs145833614	T	-0.0543
rs12214915	A	0.0797
rs76703121	A	-0.0138
rs72827461	T	-0.0315

rs2192	C	-0.022
rs11756340	C	0.0456
rs17071767	C	-0.0144
rs111594447	T	0.051
rs2803054	C	0.0111
rs221746	A	-0.0111
rs112486509	A	-0.0376
rs1931005	T	-0.0144
rs73589101	G	0.0232
rs141268643	A	0.0934
rs150028286	A	0.0605
rs9322617	T	-0.0113
rs75155434	T	0.021
rs72967553	C	0.0296
rs13215048	A	-0.0569
rs7450390	A	-0.0194
rs72861166	T	-0.0778
rs6925778	T	-0.0162
rs9444173	C	0.0245
rs35616144	G	-0.0142
rs80078771	C	-0.0201
rs78256488	A	-0.0265
rs12206958	A	0.0173
rs148692466	T	0.0553
rs1327665	A	0.0184
rs9376260	A	0.0116
rs113267580	C	-0.0298
rs6911836	A	-0.0779
rs74517173	A	-0.0292
rs111625475	G	-0.0726
rs11968222	G	0.0197
rs34474291	T	-0.0285
rs12527344	C	-0.0201
rs7745414	T	0.0468
rs113447878	T	-0.0402
rs12213583	A	-0.0184
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rs789483	T	0.0117
rs2225036	A	-0.0142
rs78799498	A	0.0456
rs6458389	T	-0.0155
rs197461	A	0.0112
rs7755470	T	0.0208
rs115535118	A	0.0679
rs78746307	C	0.062
rs9496978	C	-0.0226
rs6940131	T	0.0189

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rs77789012	C	0.053
rs9296239	C	0.0203
rs238053	A	-0.0134
rs72951456	T	0.0249
rs142346229	A	0.0969
rs56883200	C	0.0207
rs6935086	C	0.0223
rs56969383	G	0.0208
rs911837	T	0.0389
rs55860270	A	-0.0175
rs11753766	T	0.0261
rs34289240	T	0.0734
rs75031674	A	-0.0356
rs116834573	A	-0.0549
rs62418780	A	-0.0688
rs365475	T	-0.0119
rs12207890	G	-0.0165
rs6906621	T	-0.0132
rs74540422	C	0.0472
rs34118837	C	0.0191
rs56216918	A	-0.067
rs9381126	G	-0.0294
rs9380535	T	0.0115
rs117070653	T	-0.0481
rs62419688	C	0.0732
rs115837179	C	-0.0761
rs727330	G	0.0123
rs688163	T	0.0192
rs80023423	A	0.046
rs811753	T	-0.0244
rs1039866	A	-0.0147
rs62397690	T	-0.041
rs17334702	A	-0.0494
rs78184169	C	0.0645
rs144306676	T	-0.0667
rs11759759	C	0.0181
rs17295879	C	0.0326
rs115290859	A	-0.0923
rs80019737	C	-0.083
rs742297	G	-0.0338
rs144243622	A	0.0365
rs4870358	G	-0.0291
rs9368268	C	-0.0119
rs72850633	A	0.0315
rs3799583	G	-0.0141
rs73773207	T	0.0441

rs143182015	T	-0.0537
rs113209002	G	0.0631
rs62427426	T	0.0226
rs13215338	T	-0.0413
rs112820829	C	-0.0377
rs754783	G	-0.0245
rs62435712	G	0.011
rs9504599	T	0.019
rs9368886	G	-0.0251
rs2747697	T	-0.0204
rs9380734	C	-0.0488
rs9498580	T	0.0219
rs76296293	G	-0.0695
rs146968264	A	-0.0545
rs35151682	G	-0.0515
rs179981	A	-0.0171
rs1883930	T	0.0129
rs72926518	T	-0.0239
rs117109045	T	0.0747
rs62420318	A	-0.1049
rs73015046	T	0.03
rs2142524	G	-0.0117
rs77968219	A	0.0284
rs10455494	T	0.0204
rs62437245	T	-0.0311
rs9348131	T	0.0196
rs78255781	C	-0.0321
rs115293002	T	0.0693
rs76054016	T	0.0265
rs12663659	G	0.0303
rs74540606	G	0.0505
rs17590608	C	0.013
rs145395134	T	0.0575
rs62440933	T	0.0183
rs72844451	A	-0.0381
rs138468773	A	0.0312
rs35592974	A	-0.0317
rs146426522	A	-0.0955
rs4869841	G	0.0147
rs117004988	T	-0.0293
rs13191949	T	0.017
rs12213283	T	0.0834
rs12527410	C	0.0154
rs9353162	A	-0.0315
rs73504047	T	-0.0692
rs9495493	T	0.0536
rs140137338	T	0.0436

rs79098780	G	0.0934
rs9358634	A	-0.0116
rs115594399	G	0.0646
rs71539135	C	0.0327
rs138922662	A	0.0823
rs76014293	T	-0.0239
rs111351228	A	0.0326
rs111579252	A	-0.0568
rs117701650	G	-0.0465
rs138415791	C	0.0737
rs151316120	T	0.0962
rs148722815	C	-0.048
rs72943849	A	-0.0351
rs62401919	A	0.0454
rs2745640	G	0.0137
rs4714795	G	-0.0136
rs13195836	T	-0.0146
rs56044834	C	0.0575
rs143283885	A	-0.0577
rs74612738	T	-0.048
rs72836715	A	0.0257
rs139449562	A	-0.0344
rs75081802	G	-0.0307
rs199002	T	-0.0119
rs75191354	G	-0.0875
rs2252114	G	0.0208
rs12204755	A	-0.011
rs62402573	C	-0.0223
rs4716220	G	-0.0149
rs79728133	G	-0.0968
rs9457451	G	0.0134
rs6570855	A	-0.0161
rs9480248	C	-0.0335
rs73246220	T	-0.0347
rs4959171	G	-0.0136
rs41286192	G	-0.0556
rs57712676	T	-0.0205
rs497392	T	0.0113
rs11155593	C	0.0141
rs6914526	C	-0.0219
rs370266	G	0.0299
rs72992203	T	-0.0605
rs72970097	C	-0.0487
rs76303728	A	0.0598
rs17540269	C	-0.0603
rs142327749	G	-0.0511
rs116328486	C	-0.0893

rs151219033	C	0.0585
rs117055820	C	0.0555
rs80179541	C	-0.0309
rs2327953	T	0.0129
rs112780688	T	0.0722
rs73035146	A	-0.0456
rs77037913	T	0.0724
rs362941	C	0.0671
rs114400270	T	-0.0364
rs9451756	T	0.0596
rs6914406	A	0.0466
rs1101834	T	-0.0123
rs114085835	C	0.0396
rs10485377	C	-0.0197
rs72823435	G	0.0382
rs10456227	T	-0.0254
rs60942489	T	-0.0214
rs116230179	G	0.0474
rs9396130	A	-0.0241
rs9352755	G	0.0167
rs1324440	C	0.0194
rs852937	G	-0.0108
rs12529659	C	0.0195
rs77648628	T	0.036
rs72867511	C	-0.0348
rs77880750	C	0.0563
rs80128985	A	-0.0753
rs72978772	T	0.0341
rs9495143	T	-0.0168
rs60281203	A	0.0892
rs9455193	G	0.0139
rs34172193	A	0.0458
rs62427380	T	-0.0166
rs73359372	C	-0.0237
rs76038000	G	-0.021
rs13208509	C	-0.0201
rs11965881	G	0.0122
rs13207048	C	-0.0149
rs1221930	A	0.0113
rs9397819	T	0.0303
rs2803356	T	-0.0411
rs6911499	A	-0.0121
rs538681	C	0.0194
rs72650636	A	0.0281
rs117997480	A	-0.0372
rs117881253	G	-0.0482
rs147938177	A	0.043

rs9389487	G	-0.0273
rs9402669	T	0.0164
rs147505285	C	-0.0391
rs56234955	A	-0.0471
rs56953281	T	-0.0219
rs7753883	T	0.0124
rs140380306	A	-0.0395
rs76951179	C	0.0447
rs9364407	C	0.0211
rs115889733	A	0.0583
rs78255700	C	-0.0233
rs3099328	A	0.0176
rs112658003	G	0.0503
rs75288323	T	-0.0598
rs72834531	G	0.0723
rs72840968	A	0.0199
rs80039733	T	-0.0407
rs80343398	G	0.0648
rs74704436	G	0.0626
rs116132304	G	0.0487
rs12525367	A	0.0149
rs118045925	T	0.0635
rs12662383	G	0.0128
rs72977845	A	-0.0736
rs146674359	G	0.0697
rs113478134	G	0.0616
rs9353505	G	0.0165
rs9399754	G	-0.0303
rs112944586	T	-0.0279
rs116859103	T	-0.0471
rs117064128	A	-0.0794
rs9479874	C	0.0375
rs2749266	T	-0.0119
rs117430901	C	0.047
rs876784	G	-0.0617
rs4716068	C	-0.0157
rs76070928	G	0.046
rs72944444	T	0.0272
rs12662612	C	-0.0133
rs73017910	T	0.0207
rs1888865	A	-0.0151
rs143704530	A	-0.0763
rs9378350	A	-0.0119
rs117893130	T	0.0593
rs12191978	G	0.0123
rs71559118	T	0.0458
rs75459354	T	0.0546

rs118152911	T	0.0924
rs151129965	T	0.0545
rs72949648	A	0.0129
rs150303004	G	0.066
rs116331835	A	-0.058
rs62398681	T	0.0194
rs74615184	C	0.0264
rs34296594	T	0.0355
rs9353192	A	-0.0127
rs150335804	A	0.0408
rs2148976	T	0.0121
rs11969110	C	0.0195
rs142690722	C	0.0562
rs117005380	G	0.0775
rs72952408	G	-0.0822
rs537112	T	-0.0228
rs117432917	A	-0.0856
rs4897554	G	-0.0108
rs7774801	G	-0.0184
rs2395723	T	-0.0423
rs3127615	C	0.0134
rs4487629	A	-0.0256
rs9350478	G	-0.0261
rs76792021	A	-0.0528
rs138490162	G	-0.0832
rs79651864	A	0.0344
rs74659354	T	0.0575
rs146315965	T	0.0588
rs4440488	T	0.0401
rs80034878	A	0.0607
rs2756117	A	-0.0165
rs13204683	T	0.0214
rs9295185	C	0.0128
rs9462975	C	-0.0337
rs1680847	C	0.0158
rs72829723	A	0.0203
rs77971746	A	0.045
rs79265725	T	-0.0772
rs11968272	G	0.0479
rs6925380	C	-0.0116
rs484763	A	0.011
rs4960223	C	-0.0154
rs1890512	T	0.0133
rs9486344	C	-0.0124
rs2096426	C	-0.0216
rs115719309	G	-0.0384
rs9371800	G	-0.0148

rs73003497	C	-0.0776
rs78844728	G	-0.0736
rs1819637	C	-0.0153
rs143436256	G	0.0646
rs1534360	C	-0.0229
rs145162940	T	0.0626
rs13192561	G	-0.0271
rs62411320	G	-0.011
rs73009566	A	0.0218
rs71570842	G	0.0185
rs58304909	A	-0.0283
rs12524566	A	-0.018
rs2235386	T	0.0163
rs13219969	A	0.0287
rs150940109	A	0.0823
rs2448925	T	0.0126
rs113666426	A	0.0522
rs11572031	A	-0.039
rs144408414	G	-0.0746
rs117560190	A	-0.0891
rs118001567	C	0.0634
rs6907961	G	-0.0552
rs143304748	G	-0.0476
rs139945810	C	-0.0857
rs16895714	C	0.0222
rs10484390	A	0.0672
rs58278694	A	-0.0249
rs2502037	T	0.0181
rs72826615	T	0.0361
rs12211900	C	-0.0174
rs7763729	G	-0.0112
rs78433223	G	-0.0394
rs34674146	T	-0.0541
rs117768935	C	-0.0664
rs79476859	T	-0.0744
rs146182524	C	-0.0545
rs114307537	T	-0.0681
rs62421391	C	-0.0592
rs190546	T	0.0735
rs77859722	T	-0.0196
rs140216732	A	0.0671
rs79886418	G	0.0446
rs55798471	A	-0.0429
rs3817779	T	-0.0417
rs554653	A	0.0106
rs74980380	G	0.0654
rs6906772	T	-0.0119

rs77628310	T	-0.0668
rs12198473	G	0.0194
rs76251760	G	0.0749
rs74634845	A	0.0559
rs116365617	A	-0.0375
rs80168526	G	0.0537
rs72976132	G	-0.0433
rs12189770	G	0.0157
rs16888718	T	0.0261
rs7757672	A	0.0116
rs72920084	C	-0.0977
rs71557566	A	0.0425
rs116083240	C	0.0708
rs2023556	C	0.0464
rs10948286	C	0.0123
rs12196638	A	-0.0144
rs111885910	C	0.0856
rs6917297	A	0.013
rs2800714	T	-0.0619
rs2145047	G	0.0188
rs3103000	A	0.011
rs76293162	C	-0.0377
rs144898592	G	0.0293
rs139944666	G	-0.0132
rs12662509	T	-0.0403
rs9384873	A	-0.0132
rs6929614	T	0.0152
rs12203856	T	-0.0121
rs1924463	T	-0.0615
rs112160599	G	0.0599
rs149042841	T	0.0523
rs76444259	G	-0.0676
rs9389475	T	0.0144
rs1569836	T	0.0148
rs139963055	G	-0.0389
rs144894654	C	0.0152
rs75387494	T	-0.0558
rs3778002	A	0.0216
rs149988970	G	-0.0274
rs12207736	G	-0.0136
rs9359645	A	-0.0115
rs7382278	C	0.0133
rs117648157	A	0.0443
rs9347944	G	-0.0403
rs2282831	G	0.0123
rs150976971	A	-0.0662
rs146307882	C	0.0688

rs12207069	T	-0.0115
rs80228310	T	0.045
rs9463782	C	0.014
rs12192364	A	0.0192
rs56402704	C	0.0198
rs4714887	C	0.0201
rs140594033	C	0.0724
rs10808026	A	-0.1393
rs10226151	A	0.0995
rs3935067	C	0.0856
rs7384878	C	-0.0839
rs59415886	G	-0.0742
rs1180296	T	0.1455
rs293188	A	0.1222
rs10272283	T	-0.0774
rs77115164	G	0.227
rs10270490	C	0.0663
rs10234891	C	-0.2583
rs2949747	C	-0.1267
rs117491805	C	0.2875
rs7780766	T	-0.1555
rs1026423	T	-0.0659
rs141872738	G	0.2716
rs13312083	G	-0.0726
rs4031449	C	0.0759
rs28561385	C	0.0698
rs10807828	T	-0.0608
rs112992915	G	0.1775
rs142379492	A	-0.2157
rs12113018	T	0.1359
rs11981812	A	0.0796
rs10252293	A	-0.1108
rs117281307	C	-0.2528
rs1552732	G	0.1241
rs1852107	T	0.07
rs17135127	T	0.0963
rs1525121	G	-0.0623
rs42711	T	0.1672
rs17153037	A	0.1292
rs58276769	T	-0.0841
rs12539802	T	0.3069
rs12672919	A	0.1394
rs1029567	C	-0.1651
rs759181	G	0.0642
rs116898687	C	-0.3147
rs7781047	A	-0.0642
rs4721055	C	0.0577

rs77463368	C	0.1474
rs12154498	A	-0.0851
rs3800688	G	0.0612
rs34578115	T	-0.0998
rs10259351	T	-0.1946
rs117117268	A	0.1614
rs112378913	A	0.1236
rs11979645	G	0.0661
rs41687	A	-0.0838
rs17789624	C	0.1437
rs111316182	C	0.2866
rs10215582	C	0.1259
rs2396574	T	0.0658
rs4723219	G	0.0619
rs2537604	T	0.0594
rs9768425	C	-0.0804
rs73054888	C	0.1219
rs7797978	G	0.0632
rs62456046	A	0.3602
rs138290846	G	0.4041
rs639387	A	0.0814
rs1513275	C	-0.0774
rs17695887	T	-0.142
rs6967287	T	-0.0751
rs12535226	A	-0.0551
rs2699451	G	0.0647
rs6972885	C	-0.076
rs74701600	C	0.2632
rs73047199	G	0.2029
rs3823585	G	-0.0645
rs4495341	A	0.0722
rs56004723	T	-0.0608
rs10952904	T	0.178
rs4570064	A	0.0955
rs6465842	G	0.0656
rs10281628	G	-0.1002
rs201465	T	0.0634
rs11761441	G	0.0581
rs71536699	A	-0.1994
rs702483	T	-0.0549
rs58792306	G	0.2083
rs79604473	T	0.0718
rs6958008	C	0.0668
rs145203830	T	0.205
rs12536393	A	0.0926
rs62453415	T	0.0634
rs1420427	T	0.0634

rs73122240	C	0.0936
rs10235034	C	-0.0607
rs4731772	G	-0.0943
rs78954498	G	0.1815
rs117696165	G	0.2172
rs700320	T	0.0592
rs7778330	A	-0.0645
rs56408285	A	0.2087
rs34110100	G	0.163
rs3735009	C	0.2128
rs77941682	C	0.3247
rs73054050	A	0.0575
rs12740	G	-0.054
rs111674294	G	-0.3179
rs9690947	A	0.1391
rs75897059	G	-0.2571
rs73158249	G	-0.1455
rs4266558	G	-0.0619
rs79744825	C	0.343
rs117263825	T	0.183
rs112964232	A	0.1954
rs57125545	A	0.1115
rs35503973	A	-0.0564
rs34943126	G	0.0534
rs3807475	A	0.0725
rs79055890	G	0.2945
rs73064610	C	0.1269
rs73087911	A	-0.2063
rs73098088	T	-0.1844
rs78481812	T	-0.2129
rs6465651	C	-0.0749
rs17159044	T	-0.1009
rs78265539	T	0.1577
rs13244962	T	0.1281
rs2729548	G	0.1284
rs58078798	A	-0.1629
rs11984213	T	-0.1085
rs17353194	G	0.2293
rs75377053	A	-0.1751
rs13229654	T	0.2118
rs62468084	A	-0.0694
rs28702730	T	-0.1397
rs118091716	A	-0.2724
rs4916928	C	0.0767
rs117077931	T	0.2651
rs36185389	A	0.2488
rs28488198	C	0.1136

rs2056659	T	0.0609
rs10246472	C	0.0523
rs117594554	A	-0.1554
rs2040997	T	0.0532
rs113919014	C	0.134
rs150955441	G	-0.3776
rs62461388	T	0.3043
rs55879743	T	0.1211
rs62479525	C	0.1126
rs2391134	A	-0.0526
rs11971473	G	0.14
rs79693194	A	-0.0579
rs12536121	A	0.09
rs1615197	C	0.0517
rs17159615	G	0.2447
rs9632641	C	0.0695
rs2528659	G	-0.0674
rs2390079	A	0.1744
rs12666009	T	-0.2053
rs10267539	A	0.0537
rs593784	C	-0.0538
rs76031991	T	-0.1375
rs17171169	A	0.0598
rs2622247	C	0.0745
rs13438480	C	-0.2223
rs923713	C	-0.0552
rs111683568	G	-0.2751
rs2527662	G	-0.0512
rs73183169	C	-0.1012
rs852447	T	-0.0531
rs2390554	G	0.0551
rs7801082	T	0.0804
rs28539367	G	0.069
rs73077857	G	-0.2054
rs74766564	G	0.2408
rs3779347	T	0.0731
rs2372798	T	0.0606
rs7799622	T	0.0545
rs11769780	T	0.0896
rs6462343	A	-0.0498
rs434564	C	-0.0553
rs62459174	A	0.1068
rs13234979	T	0.1495
rs2535967	C	-0.0778
rs6464671	T	0.0619
rs12535787	G	0.0534
rs73163880	T	-0.0658

rs75789733	A	0.246
rs13223692	C	0.0491
rs1156142	T	-0.057
rs1524235	C	0.1189
rs11981254	A	0.049
rs150076285	A	0.2127
rs10270243	C	-0.0781
rs848010	G	0.0925
rs1860489	G	-0.0633
rs78042336	A	0.4137
rs113237190	G	-0.2119
rs6975264	G	-0.0529
rs1845418	T	-0.0754
rs141557155	G	0.289
rs10253269	G	-0.0498
rs6960432	G	0.0493
rs2108554	C	0.0634
rs6977312	A	0.0583
rs10240034	T	0.0509
rs76021340	T	0.1604
rs2067624	C	0.078
rs12671277	G	0.104
rs3095199	G	-0.06
rs76704148	C	-0.2682
rs62447173	T	-0.1392
rs147437183	T	0.233
rs6968605	A	0.0677
rs58334061	C	-0.1069
rs78400273	G	0.1148
rs139495655	A	0.2175
rs61741425	A	-0.2203
rs73104587	G	0.2031
rs117651735	T	-0.1811
rs10250461	T	-0.0782
rs10236813	C	0.0941
rs516481	A	0.1087
rs12700293	A	-0.0669
rs726126	G	0.0509
rs73680633	T	0.1246
rs1419566	C	-0.0518
rs62479774	A	0.0742
rs73271804	G	0.2744
rs56026364	C	-0.1502
rs11766078	C	0.0902
rs77257701	A	-0.2261
rs2074674	A	-0.0523
rs1990602	C	0.0663

rs62467585	G	-0.1471
rs6978284	T	0.1971
rs12718665	C	-0.0513
rs10233060	C	0.0783
rs218097	C	0.0554
rs2528465	C	0.0497
rs73399370	G	0.1583
rs62441132	A	-0.1672
rs11520738	G	0.1568
rs10241674	G	0.1386
rs78167227	A	0.1216
rs613169	T	0.0837
rs1899691	G	-0.0668
rs17863238	G	0.1939
rs11771299	T	0.0746
rs73231935	G	-0.129
rs77003451	G	0.085
rs111877390	C	0.212
rs6975099	G	0.0711
rs113162975	C	0.2128
rs407349	A	0.1086
rs148367917	G	0.335
rs1733874	A	-0.0518
rs62470049	A	0.0869
rs139553739	A	0.0672
rs6092	A	0.0913
rs6950294	A	0.0766
rs2191872	A	-0.1949
rs3750145	C	-0.0637
rs12536382	T	-0.0498
rs76412284	C	0.067
rs59832199	C	0.0568
rs115166858	G	0.1779
rs35378304	C	-0.0959
rs7810756	T	0.0591
rs10239474	A	0.0605
rs4132734	G	0.051
rs73177692	C	0.1088
rs7795881	T	0.186
rs117974861	A	0.2323
rs117521164	T	0.2101
rs75928252	A	0.1524
rs1045897	T	-0.0782
rs1073469	T	-0.0493
rs117182342	T	-0.1597
rs2072428	C	0.0571
rs7792715	T	-0.1927

rs1527478	A	-0.0797
rs62483962	A	-0.217
rs9649194	G	-0.0478
rs17862309	C	-0.0953
rs68012076	A	-0.1008
rs7807463	T	-0.0779
rs55951812	A	0.2423
rs76042375	A	0.2033
rs55908065	A	0.1303
rs78390372	C	0.2091
rs9639460	A	-0.0531
rs77055547	C	0.1944
rs12705334	T	0.0474
rs150033305	A	0.2076
rs74446891	G	0.1475
rs17862372	C	0.1596
rs2525748	G	0.0465
rs117117921	G	-0.1887
rs80038359	T	-0.1274
rs11762660	T	0.0829
rs6973848	G	-0.0477
rs7778077	A	-0.0471
rs981903	C	-0.0631
rs117026229	T	0.3845
rs17165557	C	-0.1158
rs4724580	G	-0.0527
rs1016289	G	0.1192
rs2711133	C	0.0608
rs77739256	G	-0.3226
rs6959654	C	0.047
rs17170015	G	0.0586
rs11560239	C	0.1557
rs35743922	A	0.1108
rs2248363	G	-0.0522
rs79137508	A	0.2423
rs221207	A	-0.1099
rs75358342	T	-0.0735
rs62476228	G	0.0693
rs11768769	G	0.1495
rs17400329	T	-0.0955
rs78531240	G	0.11
rs56188618	T	-0.4498
rs6583382	C	-0.3897
rs77269753	G	-0.1916
rs117416418	T	0.2194
rs13226762	T	0.1205
rs75047193	C	0.1438

rs150010171	A	-0.2112
rs7811495	C	0.0497
rs12700025	A	0.0627
rs6592988	T	-0.0621
rs17404500	G	-0.1525
rs4728253	A	0.046
rs76906477	A	-0.0921
rs117212297	T	-0.2029
rs62449547	G	-0.1578
rs9641974	G	0.086
rs13224904	G	0.0457
rs10485961	A	0.0607
rs2290223	T	0.0793
rs117864602	T	-0.3019
rs76865114	C	0.0745
rs111846205	C	-0.1185
rs12154453	G	-0.053
rs117126197	A	-0.1512
rs10224543	T	-0.0877
rs62477189	G	0.3488
rs215700	T	-0.0531
rs117080868	A	0.194
rs117187954	T	0.4099
rs117231768	C	0.2287
rs112735939	C	0.192
rs7795005	T	0.0574
rs2195139	G	0.0636
rs145002105	G	0.1827
rs62453407	G	0.0709
rs870682	A	-0.3441
rs55841026	G	0.4072
rs4507718	A	0.0467
rs35674183	G	-0.1058
rs117597803	A	0.103
rs2471000	T	0.0457
rs117335089	A	-0.344
rs77379913	A	-0.2479
rs13227280	G	-0.1743
rs10899754	T	-0.0523
rs2057976	T	-0.0497
rs146755827	A	-0.2329
rs28458251	G	-0.0721
rs77046669	T	0.1341
rs799966	G	-0.2141
rs3864550	G	-0.0493
rs13437666	C	0.1839
rs45503495	G	-0.3271

rs17135967	A	0.1582
rs35619640	T	-0.1401
rs6464407	C	-0.0496
rs17164717	G	-0.1997
rs117486744	T	0.2
rs6955135	T	-0.0523
rs75929881	T	0.1467
rs11770565	T	-0.0914
rs4427064	G	-0.1057
rs774267	T	0.0448
rs74672264	C	-0.1104
rs117517817	G	0.2501
rs62457492	T	-0.1037
rs147951036	A	0.3446
rs76493409	C	0.1365
rs75413175	G	0.115
rs74525238	T	-0.1633
rs802799	T	0.1135
rs6463778	C	0.0545
rs245873	C	-0.0464
rs594501	A	0.0547
rs11766256	C	0.2496
rs73729763	A	0.1816
rs10128	G	-0.0698
rs1035147	C	-0.0573
rs150139631	T	-0.2293
rs12533390	C	0.2224
rs73410794	T	0.0569
rs10261632	T	0.05
rs76396283	G	-0.1772
rs7799415	A	0.0534
rs17393131	G	-0.0936
rs67350319	T	-0.1142
rs2917753	A	-0.0719
rs13229524	T	0.1701
rs374226	C	0.0512
rs56265974	G	0.0849
rs1059182	G	-0.0813
rs71572431	T	0.1696
rs6975606	G	0.2218
rs2057944	A	0.1856
rs75745382	A	0.2749
rs62461883	C	0.103
rs10231130	T	0.1666
rs10271887	G	-0.0512
rs111780621	C	0.344
rs10241311	G	-0.1608

rs13244349	T	0.0447
rs116988187	A	0.1141
rs116337362	T	-0.3312
rs10274856	C	-0.0516
rs118099935	G	-0.3206
rs73154476	C	-0.072
rs4436026	G	-0.0676
rs17586365	A	0.0633
rs112397911	G	0.3867
rs11980740	T	0.0966
rs2908429	A	0.0521
rs6961690	C	0.046
rs715274	T	-0.1265
rs10237021	G	-0.0513
rs118098649	A	0.2942
rs584586	G	-0.0762
rs11770703	C	0.0518
rs117897813	A	0.196
rs11546656	A	0.2178
rs17682856	G	0.1049
rs62444135	A	-0.1195
rs1263553	G	0.0482
rs78551832	C	-0.1648
rs6963356	T	0.2044
rs77500383	C	0.066
rs2487161	C	0.081
rs148524588	A	0.1452
rs117121161	G	0.3199
rs6459727	A	0.2236
rs143011947	G	-0.1394
rs7801761	C	0.1209
rs139584174	C	0.1706
rs1728476	G	-0.2472
rs17642302	A	0.0576
rs28654576	G	0.0457
rs62477219	A	0.1101
rs983874	T	0.1897
rs117442394	G	-0.1508
rs34851328	A	0.2666
rs12702730	C	0.0758
rs4535613	G	0.0466
rs11765579	T	0.1729
rs74970338	T	0.2399
rs78243235	G	-0.2203
rs66704307	T	0.1126
rs138545616	T	0.2161
rs117779630	G	0.2874

rs112550924	A	0.2031
rs117830183	G	0.1867
rs79929051	C	-0.0678
rs758917	C	-0.0487
rs148877140	C	-0.0949
rs79310090	C	0.1914
rs3735653	C	-0.0738
rs4722603	A	-0.0595
rs79313675	A	0.1713
rs111993847	A	0.1301
rs145286667	T	0.25
rs114919563	T	-0.1336
rs75865347	T	-0.2482
rs17139283	G	-0.1685
rs13239708	T	0.0453
rs2037650	A	0.0877
rs11970845	A	-0.1961
rs627704	C	-0.0493
rs7797014	T	-0.0895
rs10236448	G	0.058
rs1552431	A	-0.0528
rs7780161	G	0.0487
rs77830331	C	0.1678
rs204596	G	-0.0591
rs73227771	A	0.2564
rs4731808	T	0.0814
rs17683715	T	-0.0657
rs145834805	T	0.3024
rs7783022	C	0.2115
rs116967987	A	-0.1424
rs144187083	A	0.1602
rs12701263	T	-0.0432
rs77117375	G	0.1632
rs150868012	G	-0.2201
rs6970508	A	0.1172
rs10282382	A	-0.0446
rs2938107	A	0.0427
rs150266465	A	0.1846
rs149815905	G	-0.3337
rs7790378	A	-0.0444
rs62459590	T	-0.2244
rs1987195	C	0.0465
rs35963913	T	-0.0722
rs10249820	T	0.0709
rs12705002	G	-0.0506
rs73184021	A	-0.171
rs10273901	C	-0.0861

rs17750878	T	0.1604
rs2372806	G	0.046
rs147125063	T	0.1551
rs117669910	A	-0.2134
rs1823532	G	0.0731
rs140608541	A	-0.218
rs10278985	T	0.0482
rs117527070	G	-0.1408
rs6957202	G	-0.0738
rs62472536	G	0.1708
rs7800672	G	0.2352
rs78779686	A	-0.1523
rs6950188	C	0.2465
rs17687519	T	-0.0546
rs144905484	T	0.1574
rs117351380	C	0.1248
rs6959667	A	-0.1278
rs146880831	A	0.2053
rs2903811	G	0.0433
rs7806660	T	0.0535
rs62443167	A	-0.0821
rs76341365	G	-0.0794
rs11982318	C	-0.0696
rs76918959	T	-0.1987
rs117459347	A	-0.1967
rs6961222	C	-0.0449
rs2642124	A	0.0631
rs117455353	A	-0.1481
rs2580812	C	0.0447
rs17700466	C	0.0673
rs77840844	A	-0.3032
rs11762083	C	0.0548
rs41723	C	-0.057
rs12540793	G	0.0436
rs6965775	T	-0.0633
rs4727415	T	0.1551
rs117875805	C	-0.1666
rs7811294	A	0.0489
rs669641	T	-0.0485
rs62448525	C	0.1763
rs138029976	T	-0.3283
rs62479926	T	0.1522
rs75812488	C	0.1559
rs35678268	C	0.1639
rs147196505	G	0.2839
rs4512301	C	-0.1916
rs59860440	T	-0.0467

rs13223015	G	-0.0621
rs113828597	T	-0.1574
rs624448919	C	0.1427
rs11764795	A	-0.0757
rs2049512	G	0.0776
rs117804920	C	0.2888
rs148479562	T	0.2091
rs12673509	T	-0.1054
rs10249763	A	0.1602
rs62455980	G	-0.064
rs314648	G	-0.0561
rs10238697	A	-0.1314
rs4486080	G	0.2666
rs76957900	C	0.1515
rs74549088	C	-0.1038
rs79239938	C	0.1079
rs10265214	C	0.0457
rs7776713	T	0.0493
rs13236526	A	0.0474
rs118044781	C	-0.2097
rs10249265	T	0.0442
rs2074672	G	-0.1754
rs6980052	A	0.1665
rs117644350	A	0.1481
rs73458572	A	0.2608
rs13225755	T	-0.1005
rs7809639	T	0.1084
rs34532843	A	0.3985
rs116948100	C	0.1054
rs80155557	C	0.1914
rs10215613	G	0.0479
rs1013878	C	0.0505
rs17156915	G	0.171
rs16873403	A	-0.0759
rs143807795	A	0.1677
rs6942674	T	0.0814
rs2723539	C	-0.0458
rs10232725	T	0.0419
rs4336535	T	0.0585
rs73692554	T	0.13
rs13226240	G	0.0881
rs146278617	T	0.2069
rs2952518	T	0.0433
rs150863171	T	0.2859
rs6952006	G	0.0665
rs718015	G	-0.042
rs117641498	A	-0.193

rs10807762	T	-0.0423
rs75448832	A	-0.1462
rs362644	A	-0.0416
rs11976006	A	0.1627
rs661818	T	-0.044
rs146282033	A	0.2043
rs6969370	A	-0.0906
rs4728340	A	-0.0568
rs10258860	T	-0.106
rs2282867	T	0.0477
rs28758523	G	-0.0488
rs1861287	A	-0.0801
rs7789596	T	0.0741
rs7808841	T	0.1894
rs138364108	C	0.1714
rs62434490	G	-0.0487
rs6461924	G	0.0508
rs9641538	G	-0.0414
rs11772895	C	-0.0531
rs60012951	G	-0.2303
rs117208899	T	0.2207
rs62482187	T	-0.2602
rs73051795	T	-0.0613
rs78855990	T	0.179
rs149929836	C	-0.3094
rs34739460	A	0.1742
rs1362361	C	-0.068
rs117576861	T	0.1651
rs80348575	T	0.0899
rs17276	G	0.0454
rs73255258	G	0.1522
rs117547300	A	0.1392
rs76471434	A	0.2485
rs13362829	T	0.0465
rs143106244	C	0.3081
rs35997022	T	0.2761
rs3912597	T	-0.0734
rs56239274	T	-0.0647
rs17171705	A	0.0666
rs17166480	G	0.0482
rs148009350	C	0.1892
rs34146903	T	0.1469
rs55842018	G	0.0646
rs10281146	G	0.0588
rs6953542	T	0.0725
rs177466	G	0.0423
rs6942734	T	0.0637

rs2528808	C	0.118
rs75914987	T	0.1603
rs10257901	A	-0.049
rs3812394	C	-0.1171
rs117076918	A	0.3197
rs10487253	G	-0.0807
rs6962281	G	-0.0827
rs7777138	C	0.1694
rs13233633	A	0.0496
rs67391165	A	0.0703
rs6957938	T	-0.0639
rs12707289	T	-0.1116
rs7794181	T	0.047
rs113796389	T	-0.1382
rs12703796	A	-0.0425
rs10953880	T	0.0467
rs79088452	T	0.1895
rs10235235	C	0.074
rs2293501	G	0.0463
rs1229534	G	0.0896
rs4591928	C	0.0464
rs17765485	A	0.1599
rs144166323	A	-0.3567
rs17739622	T	0.1913
rs12667805	A	-0.0465
rs17436757	C	-0.1117
rs138192041	A	0.2079
rs112724866	T	0.047
rs62485639	G	0.0478
rs11770270	A	0.0551
rs34154732	A	0.0424
rs74396557	C	0.0637
rs28817620	G	0.0632
rs4728017	A	0.0711
rs7811024	C	0.0694
rs1020518	T	0.0776
rs13225259	A	-0.0489
rs77492018	T	0.0696
rs7783918	A	-0.0414
rs2168589	A	0.0441
rs13241685	G	-0.0528
rs73488568	A	-0.1429
rs35257100	T	0.0515
rs12671608	C	-0.0802
rs6944878	T	0.0763
rs11768823	T	0.1066
rs112420448	G	0.124

rs34784488	C	-0.117
rs17148140	A	-0.0571
rs11768586	G	-0.0513
rs3102787	T	-0.0492
rs2717903	C	-0.0511
rs77859486	G	-0.1162
rs4718889	T	0.0466
rs77451681	C	0.1016
rs12386663	C	0.1105
rs62459096	T	0.1829
rs7786363	T	0.1717
rs6463935	A	-0.0458
rs9656664	G	0.0639
rs1230541	A	0.0504
rs1202283	G	0.0404
rs117045673	G	0.1648
rs4410855	A	-0.088
rs147068273	G	-0.3707
rs17153336	G	0.0501
rs150294981	T	0.2211
rs116928454	C	0.1673
rs6963241	A	0.1312
rs6972443	G	0.0561
rs1859545	C	0.0528
rs13228671	T	-0.0931
rs117902884	A	0.1427
rs80026040	T	-0.209
rs6949344	G	0.0956
rs75980220	G	-0.051
rs7781334	A	-0.104
rs72587332	C	-0.0527
rs73181324	G	0.0569
rs117440560	A	0.0942
rs17150828	A	0.0455
rs80288505	G	0.191
rs140071201	T	0.1872
rs7786537	C	0.052
rs111938506	A	0.0962
rs62450855	G	0.063
rs73114858	T	-0.1838
rs117657027	G	0.0802
rs28557040	G	-0.1894
rs55762657	C	-0.0833
rs53	T	0.0492
rs75940454	A	-0.1986
rs118154933	C	-0.1452
rs6464182	T	0.047

rs118007150	T	-0.2602
rs28506104	G	-0.0487
rs73089933	C	-0.0573
rs34062071	T	0.0491
rs73344604	T	0.0768
rs1029380	T	0.0465
rs34096175	G	0.1758
rs196603	T	0.0763
rs118064802	T	0.089
rs73165663	C	0.0874
rs6459977	A	0.0584
rs10259493	G	-0.1545
rs73053736	C	-0.2073
rs62488038	C	0.1586
rs144432240	G	-0.1591
rs62468130	A	0.1033
rs149226112	C	0.1113
rs76793014	T	0.0933
rs73687853	T	0.1609
rs12531890	T	-0.041
rs12154442	C	-0.0672
rs73714065	A	-0.0663
rs62473166	T	0.0897
rs139263964	A	-0.2968
rs2389963	G	0.0438
rs142878189	T	0.0601
rs118085352	C	-0.2488
rs35329971	A	0.078
rs1608485	A	0.1026
rs117402302	A	-0.1872
rs77996714	T	0.1936
rs138257185	A	0.1727
rs2278130	A	0.0452
rs13235422	A	-0.0423
rs1474511	A	0.0933
rs146020162	G	0.0846
rs13232677	C	0.1003
rs73096377	C	0.1753
rs2237643	T	0.0409
rs112702840	G	-0.1144
rs6964086	A	0.0843
rs7792839	G	0.1955
rs117839430	T	0.283
rs7802665	C	0.0488
rs221164	C	0.049
rs3887186	T	0.0479
rs75020839	A	0.0689

rs79196752	G	-0.0912
rs142804987	A	-0.225
rs4719941	G	-0.0478
rs73193879	A	0.0906
rs325456	T	-0.0448
rs55760223	G	-0.2574
rs2079001	G	0.0504
rs10237263	T	-0.0407
rs9648824	T	0.2005
rs149339004	T	-0.1611
rs78705693	T	0.1123
rs150815667	T	0.3094
rs6467135	A	0.1462
rs73722806	T	0.0918
rs112798759	T	0.3441
rs6962406	T	0.1378
rs78249197	G	-0.1189
rs114853379	C	-0.2924
rs3800932	T	0.1844
rs74636425	A	0.1091
rs80216601	G	0.1218
rs2014954	T	-0.0929
rs17174366	C	0.0797
rs146048977	T	-0.0713
rs73227553	G	0.1739
rs12671810	G	0.0437
rs28521791	G	-0.0758
rs10441090	T	-0.0588
rs6465722	C	-0.0757
rs2526684	C	0.0538
rs1637760	C	0.2437
rs117633744	T	-0.1762
rs73155973	A	-0.1715
rs12540300	G	0.1255
rs671425	A	-0.0697
rs1595804	A	0.0399
rs6956684	A	0.0396
rs4731411	T	0.0658
rs7341482	G	0.1229
rs55821175	T	0.2346
rs73408028	A	0.0873
rs6463082	G	-0.0419
rs139075872	A	-0.129
rs148533110	C	-0.3073
rs687836	A	-0.088
rs35625550	T	0.2217
rs216733	A	0.1555

rs544974	T	0.043
rs112702513	T	0.1888
rs73155245	A	0.1451
rs55653240	A	0.0518
rs77039065	A	-0.0851
rs61304065	A	-0.0713
rs7801472	T	0.079
rs117808151	G	-0.1354
rs1346392	G	-0.1424
rs62448652	G	0.056
rs112710860	T	-0.094
rs62485100	C	0.0934
rs7782428	C	-0.0462
rs715937	A	0.0473
rs3778688	A	-0.0402
rs73159373	T	0.1649
rs111700092	T	-0.0769
rs10953271	T	0.0465
rs73284152	A	-0.0879
rs940874	T	0.0401
rs67138874	A	-0.0902
rs17180415	T	-0.1215
rs74803716	A	-0.0787
rs35485629	G	-0.0905
rs864249	T	-0.0535
rs11773436	A	0.0429
rs10274273	C	-0.0735
rs17762670	T	0.1285
rs6978565	T	0.0686
rs117406788	A	0.195
rs62449929	A	0.0814
rs740541	A	0.1487
rs141450475	C	-0.3169
rs6974672	G	-0.051
rs73108798	G	0.1671
rs73158905	C	0.2836
rs57331773	G	0.0852
rs17425950	T	0.0705
rs730771	A	-0.0663
rs35698389	G	-0.0894
rs6972287	G	0.045
rs75884150	G	-0.0909
rs17152316	A	0.0953
rs11770081	C	0.0392
rs11981261	A	0.1602
rs6962219	A	0.1065
rs2158796	A	-0.0626

rs2709926	T	0.0647
rs2028029	T	0.0629
rs745095	T	0.075
rs145285289	G	0.2493
rs11981462	T	0.115
rs10274928	A	-0.0418
rs6980219	T	-0.046
rs117676643	G	0.165
rs67783517	G	0.0507
rs62450070	G	0.0486
rs4722567	C	-0.0491
rs7791323	G	0.0403
rs79116105	C	0.2385
rs10234070	T	-0.0595
rs34276468	C	0.0479
rs12706298	T	-0.057
rs117768489	C	-0.1915
rs3936259	A	0.3832
rs71523284	A	0.3577
rs78848166	G	0.1565
rs17208431	C	-0.0962
rs73070710	G	-0.2178
rs145435640	G	0.2251
rs7786484	A	0.0777
rs143436036	T	0.3088
rs73152519	T	0.2067
rs1464889	C	-0.0511
rs13229591	C	-0.2215
rs117188647	G	0.1603
rs12538862	C	-0.0567
rs17151922	T	0.2408
rs79594379	C	0.2296
rs11561931	A	-0.0408
rs141698020	A	0.194
rs117144480	T	0.2849
rs6979377	C	-0.1
rs1233557	A	-0.0915
rs76229426	A	0.103
rs9655107	T	-0.0408
rs17158338	G	0.1264
rs111316560	G	0.3072
rs17157063	C	-0.0869
rs73069263	C	-0.0759
rs17142906	A	-0.0505
rs2235033	G	-0.0386
rs7779804	C	0.0551
rs57201349	T	-0.064

rs327690	A	-0.2536
rs3800989	G	-0.0388
rs10249125	A	-0.0461
rs10488383	T	0.086
rs75814881	G	-0.2048
rs1024717	A	-0.0909
rs10259461	C	0.0419
rs7799709	A	0.0515
rs79299150	A	0.2224
rs74589576	T	-0.1548
rs73084868	T	0.1298
rs17133294	G	0.1874
rs6960036	A	-0.0587
rs1376277	A	-0.0738
rs137963417	C	-0.2169
rs73217789	A	-0.1653
rs117665660	A	0.1501
rs4503002	T	0.0449
rs117499601	T	0.1321
rs74623215	A	-0.1488
rs812570	C	-0.0413
rs117235544	C	-0.0994
rs79915357	C	0.2898
rs112003126	T	-0.0935
rs117080895	G	-0.1621
rs28558501	A	-0.165
rs2463676	C	-0.0526
rs73191636	G	-0.0611
rs756859	T	-0.0397
rs62482173	A	-0.2369
rs143400493	T	-0.2173
rs117165573	A	0.3399
rs73721526	T	0.1353
rs10237509	A	0.0524
rs222237	T	-0.1136
rs41828	G	-0.0484
rs10249851	G	-0.0956
rs73736619	C	0.1867
rs112796016	C	0.1607
rs17435216	C	-0.0467
rs117081579	C	-0.244
rs2471614	G	0.0737
rs180283	C	0.041
rs62454711	T	-0.0882
rs140063859	A	0.1866
rs6947458	C	-0.0393
rs77471511	G	-0.179

rs11767268	T	-0.0653
rs1916931	A	-0.0435
rs111368360	T	-0.1714
rs7797944	T	0.0514
rs7808966	A	-0.0427
rs142833435	G	0.1627
rs6464798	G	-0.0398
rs12705979	T	-0.0399
rs2158249	G	0.041
rs143447746	T	-0.1218
rs116993213	G	0.0988
rs6466753	C	0.1856
rs17144136	A	-0.1045
rs73156163	T	0.1186
rs848813	C	-0.0527
rs17149924	T	0.1522
rs11763069	A	-0.1151
rs112972831	A	0.2781
rs13245023	G	-0.1105
rs13230284	G	-0.0519
rs1863015	G	0.0392
rs73206017	G	-0.1596
rs1037437	G	-0.1514
rs12234733	T	0.2306
rs73109056	T	-0.2971
rs78047442	T	-0.061
rs62444185	A	-0.2207
rs13437974	A	0.0778
rs63	G	0.1053
rs10252460	C	-0.0501
rs13228524	C	0.2575
rs73158222	G	0.0779
rs1547952	C	0.0753
rs2528861	T	0.0544
rs10231629	G	0.0464
rs7789126	T	0.1009
rs7791998	T	0.1376
rs12536975	G	0.2352
rs4717195	A	0.1409
rs599574	G	-0.0544
rs917805	A	0.2631
rs111481865	T	0.255
rs10267271	C	-0.0412
rs62448567	A	-0.2272
rs6466505	G	-0.0385
rs77321620	G	0.3323
rs74905287	T	0.1264

rs2009079	G	0.0778
rs1525538	G	0.0475
rs10282509	T	0.0692
rs7797659	A	0.075
rs2284215	G	-0.0448
rs76342500	C	0.2136
rs73197504	G	0.0575
rs74610871	G	0.0996
rs73058720	C	0.1348
rs11979306	T	0.0589
rs2075005	A	0.1055
rs113877411	T	0.233
rs4731532	A	-0.0384
rs117160058	T	-0.1503
rs12705494	A	-0.0399
rs12667983	T	0.0925
rs1991763	G	0.0428
rs6943115	C	-0.0403
rs62462218	G	-0.1936
rs147353855	T	0.1353
rs73159150	A	0.1103
rs151067231	A	0.1804
rs146307959	T	-0.0797
rs6966185	A	0.0381
rs4731562	A	0.0417
rs117377783	A	0.2126
rs55986977	T	0.1887
rs145136476	A	0.0836
rs565901	C	-0.105
rs117737275	A	0.1966
rs146662231	T	0.1424
rs17160179	T	-0.0883
rs146403573	T	0.2023
rs322731	T	-0.0393
rs3800743	T	0.0482
rs11764513	A	-0.0829
rs117968513	T	-0.1737
rs6978310	G	0.0827
rs7800049	G	0.048
rs79216212	C	0.0853
rs2023702	G	-0.0677
rs79048545	A	0.2531
rs410866	G	0.0395
rs7793443	C	-0.0516
rs56379351	T	-0.0404
rs77070191	T	-0.1465
rs9639138	G	-0.0575

rs78706127	C	-0.1908
rs76833370	C	0.1291
rs117951976	A	-0.1611
rs28360936	T	-0.0655
rs2282991	T	0.0729
rs117626076	T	0.3014
rs139980184	G	-0.2669
rs11981765	A	0.1827
rs149912319	T	-0.237
rs76838724	A	0.0432
rs1858339	C	-0.0535
rs4718778	G	0.0418
rs62442538	G	-0.0975
rs16882459	T	0.2031
rs73071792	T	0.1839
rs2722310	T	0.0395
rs17521723	G	-0.0822
rs73112290	A	0.2092
rs142647741	G	0.1658
rs12671964	C	-0.0377
rs6460169	C	-0.044
rs6956453	C	0.0516
rs66985679	C	0.0653
rs78257794	A	0.1221
rs740141	G	0.0421
rs79364329	A	0.2146
rs76988120	A	0.0539
rs111740338	A	0.1267
rs73057348	A	0.0743
rs62479651	A	-0.2669
rs6959356	T	-0.065
rs13235572	A	0.1045
rs116601642	C	0.0696
rs117272866	C	-0.1296
rs11974640	G	-0.0846
rs1550202	A	-0.048
rs1267269	G	0.0908
rs68136574	A	0.0686
rs78284327	C	0.0865
rs117148982	G	-0.1666
rs117054034	C	0.089
rs28609543	G	0.0379
rs117689540	A	0.1517
rs73109720	G	-0.1335
rs149220912	G	0.0475
rs36198804	T	0.0513
rs116971685	T	-0.1767

rs9640161	A	-0.0391
rs6974847	G	0.0428
rs78198447	C	0.1462
rs10266230	C	0.0469
rs13245680	T	-0.0506
rs7791057	G	0.0518
rs34872188	T	-0.0799
rs10269431	C	0.058
rs62441697	T	0.119
rs9657874	T	0.2319
rs3779361	A	0.0478
rs6463092	G	-0.0459
rs58883029	A	0.1407
rs76296148	T	0.0833
rs138927799	A	0.1762
rs112001608	G	-0.1464
rs62467091	T	0.0641
rs145160039	C	0.1513
rs13236076	C	-0.0916
rs74807692	T	0.1367
rs62447006	G	0.0863
rs853055	C	-0.0502
rs4719616	T	0.0509
rs7789815	C	0.0684
rs77321838	A	-0.0858
rs17148189	T	-0.1891
rs766087	G	0.2091
rs7792748	T	0.0418
rs720253	G	-0.043
rs79827766	A	0.1201
rs12668467	T	0.0442
rs1568827	A	-0.0501
rs112881900	T	-0.0902
rs41390847	C	-0.1002
rs17168279	T	0.1102
rs35894114	C	0.2092
rs78723462	C	0.1826
rs75657806	T	0.0852
rs78101308	C	-0.1844
rs17708126	G	-0.0549
rs17166374	G	0.0412
rs6466594	C	0.1806
rs1673164	T	0.0957
rs73047060	T	0.1206
rs1731877	T	0.0481
rs176566	A	0.0478
rs73093582	G	-0.1793

rs73163251	A	0.1874
rs4292602	A	-0.0459
rs73099556	T	-0.0806
rs4725266	T	0.0426
rs42476	G	0.0662
rs302160	G	-0.1266
rs12706100	C	0.0757
rs12540122	A	0.0466
rs57474611	C	0.1122
rs9656217	T	0.0565
rs74507980	G	0.0884
rs78457930	A	0.108
rs28446329	T	0.2475
rs4000866	T	0.1209
rs37981	T	-0.0379
rs117939470	A	-0.1606
rs77930089	A	-0.2432
rs12700947	C	0.0481
rs17837793	A	0.0926
rs79296431	A	0.0426
rs59789360	G	0.0873
rs114103365	T	0.1412
rs73221230	A	-0.1038
rs4236432	A	-0.0518
rs10241087	G	0.0539
rs10252663	G	0.1392
rs57213785	G	0.2291
rs117195218	T	-0.272
rs12698668	G	-0.0391
rs36007503	C	0.0939
rs17141284	C	0.0559
rs117979993	T	-0.0843
rs6949069	T	0.058
rs2189439	A	0.0366
rs2192676	G	0.0379
rs6460436	A	0.0638
rs62481321	C	-0.1743
rs76012712	A	-0.1766
rs6459688	C	0.0952
rs3779330	A	-0.0446
rs34405085	T	-0.1693
rs1859492	G	-0.0652
rs1527222	G	0.0742
rs80057254	T	0.0923
rs2241439	G	-0.0414
rs7782146	G	0.1733
rs6949091	A	0.06

rs74814591	T	0.0779
rs4727687	C	-0.0391
rs39100	T	-0.0394
rs17676175	T	0.0572
rs10276939	G	-0.047
rs12673437	G	-0.0558
rs11765706	T	0.0551
rs145309176	C	-0.2108
rs113510157	T	0.199
rs117781377	A	-0.2324
rs117191597	C	0.1795
rs1472274	A	0.1912
rs2692410	T	0.0419
rs79172074	A	-0.1057
rs117708891	C	0.1553
rs255104	T	0.057
rs7809644	C	-0.1756
rs117881869	A	0.1486
rs12154666	A	-0.0376
rs7796500	A	-0.065
rs13241200	C	-0.0375
rs13227861	T	0.2232
rs73209384	G	-0.0965
rs113613559	T	0.209
rs62447464	T	0.2338
rs6977189	T	0.0513
rs6955039	A	-0.0598
rs111859304	T	-0.1286
rs537647	A	0.0507
rs10278416	A	0.086
rs73228376	A	0.1121
rs7809066	A	-0.0379
rs1557738	C	0.1017
rs9801438	T	0.0896
rs3757524	C	0.0634
rs76740961	T	-0.0983
rs146252887	T	0.1288
rs6967783	T	0.0998
rs142446897	A	-0.2949
rs691130	G	0.0383
rs62439602	A	-0.0492
rs62457207	A	0.1778
rs113611553	A	0.1225
rs74795786	G	0.0983
rs13245723	A	0.0744
rs17159844	T	0.0778
rs117911989	A	0.1341

rs73695492	A	0.1219
rs143118379	T	0.1979
rs117477355	T	-0.2852
rs74998753	G	0.0739
rs76303215	A	-0.1238
rs10275171	C	0.1796
rs137888771	A	-0.2145
rs57258037	C	-0.0715
rs9642365	A	-0.0579
rs55909665	T	0.1806
rs4602777	T	0.0421
rs116894758	A	0.321
rs2023968	C	0.0399
rs13222916	A	0.0555
rs17172001	A	0.0815
rs6966068	T	0.1398
rs41278836	C	-0.152
rs77651623	T	0.2185
rs13243654	A	-0.0412
rs146844554	C	-0.1882
rs2177450	C	0.0402
rs213190	G	0.0384
rs17296151	G	0.0501
rs35796336	C	0.1006
rs78619463	T	-0.1775
rs11766346	T	-0.0651
rs273972	A	-0.0399
rs117296068	G	0.1183
rs2108130	A	-0.0457
rs4730772	T	0.0428
rs6956754	A	0.038
rs11975565	C	0.0446
rs35313157	T	0.1038
rs117110169	A	0.2088
rs55924567	T	0.0553
rs45519131	C	0.2467
rs6956114	A	-0.0373
rs144937857	A	0.1225
rs34280758	T	-0.1274
rs10282062	G	-0.0787
rs11762929	G	0.0365
rs140604916	G	-0.1275
rs6978407	C	0.0693
rs13241175	G	-0.0563
rs76949178	T	-0.1562
rs12155019	G	-0.0467
rs71546185	T	0.1517

rs10950664	G	0.0375
rs78659401	G	-0.1099
rs4727127	G	-0.0394
rs118078689	G	0.2049
rs12700267	T	0.0388
rs13238380	T	0.0374
rs62457523	A	0.0479
rs9641920	G	-0.04
rs12699823	A	0.2793
rs61564286	C	0.0624
rs73228330	G	0.2018
rs9648098	C	-0.2081
rs9640640	C	0.0373
rs12540625	A	-0.0754
rs61040990	A	0.0747
rs940269	C	-0.0533
rs77837153	T	0.2539
rs6957576	C	0.1554
rs11981663	C	0.1545
rs10274596	G	-0.0589
rs35141395	A	-0.06
rs146950566	G	-0.1877
rs17169473	T	0.1856
rs17139630	G	-0.0837
rs7779409	G	-0.0409
rs6459842	A	0.0435
rs150736708	C	0.1484
rs10252827	C	-0.0393
rs2451233	A	-0.0406
rs12701832	C	0.0395
rs13233635	G	-0.1981
rs74534901	C	0.1379
rs1020112	A	0.0407
rs1796092	G	-0.0395
rs13233261	A	0.039
rs61689701	T	0.0591
rs1431092	A	0.2461
rs58591745	A	-0.0749
rs62434091	C	0.0653
rs12701010	C	0.1276
rs62442529	A	-0.0465
rs138532740	A	-0.1922
rs117792834	T	-0.2587
rs803118	T	-0.0378
rs149096544	A	-0.0882
rs73162214	T	-0.0547
rs117755521	G	0.2032

rs117808689	A	0.1694
rs893939	T	-0.1503
rs10951266	T	-0.0381
rs17709421	T	-0.0446
rs10249732	T	-0.0572
rs7791310	C	-0.1354
rs7800715	G	-0.0395
rs56399693	A	-0.1724
rs142935507	A	-0.0941
rs4725336	C	0.0506
rs139996879	T	0.1931
rs2041684	A	-0.0463
rs12540451	A	0.1229
rs117349069	A	0.1436
rs1004028	C	-0.0467
rs7806790	C	0.143
rs4590345	T	0.0632
rs34106623	T	0.0455
rs12674323	T	0.0725
rs62489471	T	0.217
rs28671431	T	0.0405
rs2299337	A	0.0396
rs116976887	A	0.14
rs10274344	G	-0.1194
rs1547471	A	0.037
rs34219043	T	-0.0456
rs78594338	G	0.2322
rs10234980	T	0.0913
rs166313	C	-0.0368
rs73091056	A	0.1349
rs28381866	G	0.2348
rs10224170	G	0.0368
rs17397797	T	0.18
rs13241158	T	0.045
rs76507815	C	0.1367
rs10249257	A	0.0708
rs1230424	G	-0.0554
rs17229226	G	0.0923
rs2538132	T	0.0559
rs17785005	T	0.0487
rs73319733	T	0.1123
rs10247302	T	-0.0587
rs2622217	C	0.0398
rs80281474	T	0.0787
rs1863226	G	-0.042
rs1638755	T	0.1387
rs2030712	T	0.0373

rs7794546	T	0.0414
rs34814028	A	-0.0786
rs10953322	A	0.0528
rs4722844	T	-0.0412
rs218123	A	-0.0374
rs10234796	A	-0.0378
rs117664890	A	0.0801
rs62446120	A	0.049
rs988567	G	0.0376
rs117522961	T	0.2277
rs12540655	C	0.0533
rs150879973	A	-0.1951
rs13245748	C	-0.133
rs76449555	G	0.255
rs7776612	C	0.0399
rs7798735	T	0.0593
rs17155324	A	0.1095
rs849090	G	0.0482
rs78721875	A	0.0568
rs79487522	T	-0.1015
rs61447843	C	0.0474
rs73161537	C	0.0453
rs55768593	A	-0.0379
rs6958048	C	-0.121
rs74385643	C	-0.1827
rs111577430	G	-0.2183
rs75701553	T	-0.0724
rs1047785	C	0.0369
rs77596091	T	0.108
rs1063964	A	-0.0384
rs12698671	C	0.0494
rs78184013	T	0.1825
rs6978735	C	-0.0627
rs6959490	T	0.0517
rs6977304	G	0.0386
rs2429221	A	0.0712
rs34709209	T	-0.1588
rs61343371	G	-0.1444
rs6978374	G	-0.0491
rs17611216	T	-0.0742
rs116258732	G	0.104
rs73221988	A	0.1131
rs76356935	G	0.2704
rs6951424	C	0.0462
rs3789835	C	-0.1374
rs4716653	C	0.0389
rs146793248	C	0.1409

rs73145154	G	0.1202
rs147120097	G	-0.1642
rs73332295	T	0.1283
rs12056297	C	0.0767
rs17142054	G	0.1292
rs116928768	G	-0.2158
rs1860282	A	0.05
rs142746418	T	0.1895
rs2371660	T	-0.0457
rs117477886	T	0.1566
rs6967743	A	0.0538
rs1079358	A	-0.0656
rs6980242	A	0.0592
rs143062643	T	-0.2611
rs117670396	C	0.1511
rs4464906	C	0.0466
rs77862222	G	0.1468
rs3135679	A	0.1309
rs79534848	T	0.0572
rs6945759	A	0.042
rs62454419	T	-0.0701
rs74900296	C	-0.2578
rs4252487	T	0.1649
rs62481855	C	0.0539
rs28988601	C	0.2178
rs78758471	T	0.1729
rs2237291	T	-0.0392
rs35442187	C	0.1256
rs59319753	C	0.044
rs118063014	T	0.2104
rs7792895	T	-0.0549
rs6962925	T	0.0429
rs17386646	G	-0.213
rs60546668	G	0.0414
rs817772	A	0.0598
rs10276992	T	-0.0395
rs117949534	G	-0.1188
rs7788728	A	0.0915
rs117682311	A	-0.1904
rs116869865	G	-0.1403
rs17160679	C	-0.1317
rs6963635	T	-0.0442
rs74439174	C	0.1051
rs10264725	G	-0.0438
rs7777438	C	0.0694
rs75612746	C	0.2558
rs6958032	T	-0.0369

rs56377166	T	0.2141
rs116875317	T	-0.3328
rs2908744	G	0.0405
rs146961637	T	0.1706
rs2908749	A	-0.0378
rs117289073	G	-0.1225
rs3757523	T	0.0481
rs78669955	C	0.2385
rs75469352	A	-0.1475
rs12700771	G	-0.0524
rs77254950	C	0.2061
rs13244251	C	0.0434
rs17139332	A	0.1025
rs138724297	C	0.1882
rs77119003	T	0.1229
rs10499596	C	-0.0636
rs62459520	T	0.0763
rs62480380	C	0.1561
rs73047796	T	-0.1048
rs1202459	T	0.1732
rs11761705	T	0.0379
rs117905260	A	-0.2176
rs12536185	C	-0.0712
rs2893559	C	0.0393
rs17162037	C	-0.1141
rs12154905	A	-0.0397
rs117886222	T	-0.1135
rs17575311	G	-0.0916
rs1560577	C	0.0391
rs73430835	C	-0.3255
rs112820944	G	0.2069
rs149721465	A	-0.2296
rs78004750	C	0.1444
rs113248801	C	-0.2227
rs2531109	G	0.0434
rs114400619	G	-0.1011
rs10952036	G	0.1782
rs11768764	G	-0.067
rs117470130	A	-0.153
rs12234472	C	0.0623
rs112592895	C	-0.2256
rs60925013	T	-0.0362
rs42128	C	0.0744
rs77420714	T	-0.098
rs117720314	A	-0.1608
rs10246885	C	-0.045
rs73157665	T	0.0699

rs10499807	T	0.0611
rs1089519	T	0.0535
rs10248387	G	0.0782
rs12668416	G	-0.039
rs112267346	T	-0.0956
rs11238250	C	0.0454
rs2948390	A	0.0416
rs80246097	C	0.0886
rs7806675	G	-0.0388
rs80068686	T	0.0889
rs1488515	G	-0.0577
rs42724	A	0.0687
rs6960309	T	-0.1189
rs111359270	C	0.0691
rs10807943	T	0.0767
rs113249148	A	0.1526
rs80320649	C	-0.3188
rs6977777	C	0.046
rs12703296	C	-0.0347
rs79825245	C	0.2139
rs62477070	G	0.0877
rs10281898	A	-0.0547
rs11973867	G	-0.0832
rs1204594	G	-0.0357
rs1073578	C	-0.0521
rs39047	G	0.0539
rs2692467	C	-0.0356
rs138299920	G	0.1553
rs117413392	A	-0.151
rs343716	A	-0.0746
rs1012122	A	-0.0695
rs3114723	A	-0.0371
rs117709691	A	0.0597
rs17159566	A	0.08
rs6964055	T	-0.0812
rs145690477	T	0.1612
rs147510687	G	-0.1679
rs142386862	T	-0.1841
rs4719165	T	-0.1274
rs12699320	G	-0.0478
rs80284093	C	-0.093
rs38135	T	0.1277
rs2465785	T	-0.0942
rs7794404	C	0.0486
rs6962385	C	0.046
rs12540002	C	0.0459
rs6947214	G	0.0682

rs117015925	C	-0.0913
rs7785156	G	-0.0496
rs78580109	A	0.119
rs1362039	A	0.0343
rs148266381	A	-0.2545
rs7810502	G	-0.0407
rs12537801	G	0.0712
rs3816420	C	0.0501
rs73163648	C	0.1332
rs17358527	C	-0.1134
rs4721317	A	0.0445
rs10268536	G	0.0633
rs262375	G	-0.0434
rs12535664	A	0.0654
rs2188994	G	-0.0367
rs11764479	A	-0.0819
rs275534	C	-0.0676
rs7781877	T	-0.0708
rs7808331	A	0.0508
rs149739689	C	-0.1202
rs59913213	C	0.0748
rs149778	T	0.038
rs4725075	C	0.1098
rs57842684	G	0.0457
rs792186	T	0.1919
rs77284408	A	0.0512
rs57225931	T	-0.0453
rs12674395	A	0.2383
rs11981999	A	0.0579
rs10269105	C	0.2102
rs116016816	A	-0.0949
rs10266115	C	0.1854
rs77539579	G	-0.1795
rs111695172	T	-0.3223
rs6945447	A	0.0374
rs6957997	A	0.0519
rs77524436	T	-0.0794
rs73124106	T	0.0799
rs4728961	A	-0.1615
rs118127201	A	0.1255
rs117980701	C	0.1514
rs3801514	G	-0.0356
rs10282626	G	-0.1765
rs73154206	T	-0.1563
rs11762080	G	-0.0413
rs12112053	C	-0.0645
rs12539321	T	0.0362

rs847725	C	0.0363
rs148548182	A	0.2219
rs17151558	T	-0.0583
rs139586836	A	-0.1179
rs117781477	C	-0.1353
rs3851536	A	-0.0403
rs147043492	A	0.1431
rs117990536	C	-0.2129
rs73178546	A	-0.0473
rs76207724	T	-0.112
rs10499379	T	0.0609
rs13238682	A	0.0407
rs13239216	G	0.0889
rs13238458	A	-0.0701
rs80150515	A	-0.0765
rs31666	C	0.0505
rs75696536	A	0.0919
rs4721910	A	0.1241
rs6952940	T	0.1371
rs10216032	G	0.0611
rs73286893	G	-0.1646
rs3761806	C	0.0642
rs10273502	G	-0.1191
rs141504833	G	0.1723
rs113764553	G	0.1231
rs76301941	C	-0.0768
rs80143958	T	-0.2403
rs13235639	T	0.0727
rs2189869	T	-0.0365
rs117708232	A	0.1642
rs143690913	A	0.1518
rs62452224	C	0.0679
rs114722266	T	-0.2256
rs117919318	T	0.0708
rs992154	A	-0.0766
rs1548625	T	0.1183
rs12534491	G	-0.0384
rs1405320	A	-0.0371
rs141825589	A	0.0734
rs34523634	T	0.1178
rs10264898	A	-0.047
rs117847999	T	0.1117
rs245931	A	-0.0456
rs62471590	C	0.2111
rs7493	C	0.0408
rs35939036	G	-0.0624
rs2071045	C	-0.0504

rs73685449	T	-0.2317
rs13233413	C	0.048
rs150053027	G	-0.1899
rs117324206	G	-0.2487
rs2353837	C	-0.0533
rs56342316	A	0.0437
rs6950165	A	-0.0344
rs12672732	C	0.0386
rs10263181	G	-0.0836
rs9638856	A	-0.0517
rs13228122	C	0.0363
rs1997276	T	0.0448
rs73137833	T	0.061
rs2140742	A	-0.0349
rs117118060	A	0.1398
rs74741412	C	-0.2083
rs12538020	G	-0.0369
rs143687743	C	-0.0713
rs6946187	T	-0.0368
rs13221012	T	-0.0378
rs6463521	G	-0.0931
rs17862300	C	-0.1108
rs35140375	G	0.0454
rs43037	C	-0.0356
rs145156985	A	0.1451
rs11979413	A	0.0546
rs58458725	C	0.0459
rs7808467	C	-0.0855
rs7795236	T	0.0398
rs17141563	G	0.1758
rs2007481	G	0.0365
rs3735537	A	0.0595
rs1526770	T	0.042
rs77032931	A	0.1535
rs28492066	T	0.0391
rs79544783	C	0.2024
rs113222728	G	0.1484
rs4301368	C	-0.0773
rs145187571	T	0.2031
rs111966208	T	0.2236
rs74935491	A	0.1086
rs141451069	T	-0.2377
rs10230771	A	0.0508
rs113268914	C	0.1462
rs117141428	A	-0.142
rs3793304	A	-0.0896
rs117383073	T	-0.1511

rs35038651	G	0.2403
rs10250564	A	-0.0403
rs117130677	C	-0.1279
rs144269672	C	0.2867
rs836547	T	-0.0748
rs10253545	G	-0.0365
rs117450257	G	0.0842
rs10277791	C	0.0501
rs12668956	G	-0.0521
rs10274425	A	0.0383
rs112309294	T	-0.1932
rs10952693	G	0.0702
rs12704793	T	0.171
rs7803425	G	-0.0837
rs2966482	T	-0.0413
rs145600349	T	-0.2129
rs74521389	G	-0.1359
rs6460967	T	-0.035
rs1796119	A	0.0339
rs139579516	T	0.1852
rs117888414	G	-0.1989
rs7793524	C	0.0489
rs11761254	T	0.0544
rs7785074	A	-0.0408
rs28490943	A	-0.1054
rs1002562	C	0.0794
rs142219806	C	-0.2404
rs6462224	G	0.0356
rs146388562	G	-0.2135
rs7795565	A	-0.0704
rs34658335	T	-0.157
rs6980241	T	0.035
rs78916232	G	-0.1668
rs79403349	A	-0.1002
rs117487846	C	0.0848
rs9656532	A	0.0362
rs118086975	A	0.2586
rs117608815	A	-0.1579
rs73693168	A	0.1078
rs7785788	G	-0.0522
rs1406603	T	-0.0379
rs822537	G	0.0396
rs59637506	A	-0.0429
rs137967196	C	-0.0515
rs6463345	G	-0.046
rs10268510	C	0.0341
rs12668458	C	-0.0412

rs1603455	C	-0.0595
rs57167163	T	-0.0343
rs140670232	A	-0.2125
rs58919541	A	-0.2079
rs2240842	T	-0.0455
rs38526	C	-0.0647
rs145696979	T	-0.1557
rs141480664	A	0.2558
rs2462549	G	0.0675
rs6944588	T	-0.0403
rs142345070	A	0.1063
rs111956383	C	0.2536
rs73221263	C	0.1324
rs56696175	G	-0.2407
rs71539569	G	0.0626
rs76667818	C	0.0769
rs112379097	C	0.1167
rs11983544	T	0.0385
rs568479	T	0.0694
rs877155	T	0.0479
rs17604518	A	-0.0574
rs118112104	G	-0.181
rs76890506	G	0.251
rs11761970	T	-0.0423
rs2525555	T	0.0366
rs17230060	G	-0.0486
rs118139397	G	0.0943
rs1068156	T	-0.0356
rs10487524	A	0.0529
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rs7802004	G	0.0738
rs17642816	T	-0.1356
rs71542303	C	0.1292
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rs7808205	C	-0.0482
rs2893079	G	0.0413
rs144635327	T	0.1245
rs78884493	A	0.2029
rs2371541	T	-0.0361
rs35492548	C	0.2972
rs2373493	T	-0.0736
rs55711817	T	0.0543
rs6953947	A	0.0363
rs78865297	A	0.1792
rs150373598	T	0.0848
rs846425	T	-0.1029
rs1796258	T	0.0587

rs4351318	A	0.0361
rs116796297	A	-0.2398
rs10240080	A	-0.0597
rs6950738	G	0.0351
rs2392550	G	-0.0852
rs76997602	G	0.1412
rs76778951	T	-0.0541
rs59965966	T	0.2398
rs608441	C	-0.0385
rs117967806	T	0.1544
rs77470528	T	0.0785
rs117687153	A	0.1625
rs4732451	C	0.047
rs7789628	T	-0.0551
rs75234799	G	0.1197
rs77203753	T	0.1613
rs62484670	C	0.1363
rs73195738	T	-0.1017
rs339057	A	-0.0362
rs117075173	T	0.1165
rs2350852	G	-0.0535
rs73362451	G	0.1672
rs16875072	A	0.1029
rs117243016	T	0.1164
rs71560750	C	-0.0907
rs148758419	G	-0.1875
rs35213026	T	0.119
rs75002295	A	0.1835
rs10243813	G	0.0806
rs1647791	A	0.0338
rs150824187	A	-0.1579
rs6972827	G	-0.0967
rs3801957	T	0.1406
rs117569239	G	-0.1522
rs1990344	A	-0.0431
rs35071727	A	0.0724
rs13247131	A	-0.0399
rs2074891	C	0.0346
rs7789065	T	-0.0344
rs35029494	A	-0.0954
rs147175402	A	-0.1739
rs4716557	G	0.043
rs117057462	T	0.1648
rs17789894	T	0.0492
rs117586731	T	0.2273
rs17457580	G	-0.0686
rs112726611	T	-0.1675

rs149879953	T	0.1598
rs1208167	A	0.0332
rs7801969	G	-0.2552
rs2538467	A	0.0395
rs148263653	G	-0.2326
rs117312989	C	-0.2182
rs12718703	A	-0.0404
rs59981375	A	0.1383
rs535516	A	0.0427
rs365896	A	0.0337
rs1076219	A	0.0421
rs79406710	G	0.2146
rs9885993	T	-0.0417
rs9969128	G	0.0778
rs117446522	A	-0.2459
rs74297456	C	0.1303
rs4075268	T	-0.0803
rs117423417	T	0.1793
rs12667569	G	-0.0339
rs138994021	A	0.2525
rs78698789	T	0.0853
rs80270350	C	0.0544
rs16884656	C	0.0552
rs117811227	G	0.1825
rs73099347	G	-0.1103
rs9691724	C	-0.0403
rs111809624	A	-0.2492
rs389704	A	0.2491
rs117374458	G	0.0885
rs17740845	G	0.0498
rs79790719	T	0.1138
rs73185015	T	0.2331
rs10236085	G	-0.1791
rs11773818	T	-0.0392
rs78589696	A	0.0923
rs76739083	T	0.2057
rs1879852	T	0.0376
rs117662279	A	0.1621
rs993861	A	-0.1491
rs76524064	G	-0.0891
rs10241209	T	-0.0573
rs1006482	A	-0.0538
rs55984533	A	-0.2155
rs74790454	A	-0.1627
rs144168002	C	0.2154
rs117285521	G	-0.2595
rs147351105	G	-0.0929

rs144978447	G	-0.2084
rs116912623	A	-0.1523
rs3801206	T	-0.0434
rs62446544	G	0.1764
rs116936592	A	-0.2402
rs79636847	A	0.0895
rs73719003	G	-0.0732
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rs4726423	T	0.0667
rs34653367	G	-0.1568
rs138097864	T	-0.1495
rs6461947	T	0.0376
rs62477605	A	-0.2542
rs13306926	T	0.1876
rs2622243	A	-0.0368
rs17426587	C	0.2543
rs56388170	T	0.0397
rs2157816	T	-0.0411
rs73170689	C	-0.0412
rs73083791	A	-0.1518
rs118104755	A	0.1067
rs114702698	G	0.1409
rs62445312	A	-0.1357
rs78148632	C	0.1881
rs76215142	A	-0.2988
rs75397016	G	0.2315
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rs2107115	G	0.0356
rs79362511	C	0.078
rs78528273	G	-0.1227
rs2158573	C	0.0354
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rs12540192	G	0.0735
rs4716923	T	0.0382
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rs78913740	A	-0.0651
rs56289897	G	-0.1005
rs117058392	A	-0.0651
rs144456149	G	0.2349
rs734547	A	-0.0416
rs73128622	A	0.061
rs10238018	T	-0.0716
rs11764952	A	0.0391
rs2286269	G	-0.102

rs74711896	A	0.0665
rs6951829	T	-0.0364
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rs139474581	A	-0.0833
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rs62485760	G	0.0428
rs2158134	C	-0.0551
rs66643629	A	0.0384
rs10247950	G	-0.0367
rs76487881	G	0.233
rs80207295	C	-0.2088
rs147659158	A	0.2069
rs4947420	T	-0.0658
rs73076991	C	0.0848
rs62451196	A	0.0912
rs25416	C	0.0438
rs12539718	G	0.0427
rs112051214	T	-0.1522
rs28570309	A	-0.058
rs73166402	A	-0.2141
rs11769674	T	0.0345
rs2700990	A	0.039
rs149365200	A	0.2011
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rs34624532	A	0.0677
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rs77936002	A	0.0732
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rs80151297	A	0.1037
rs114191674	A	-0.157
rs17437824	G	0.0774
rs78900159	A	0.1139
rs73129944	G	-0.2261
rs78883037	T	-0.071
rs6467666	A	0.0396
rs77958198	G	0.1621
rs117281256	T	0.1013
rs1963815	T	0.0356
rs6946635	T	-0.1061
rs12540519	T	0.069
rs118079866	G	-0.1659
rs77811272	T	0.137
rs7799444	C	0.0328
rs117697718	G	-0.0624
rs12540548	T	0.0331

rs6970197	A	-0.0746
rs73203019	G	0.1169
rs12537581	A	-0.047
rs17155352	C	0.058
rs10487629	T	-0.0437
rs147134761	A	0.1517
rs12234852	T	0.0531
rs77141632	C	-0.0392
rs62474005	C	0.0373
rs10278573	G	0.0714
rs60009508	G	0.1234
rs11982951	T	0.0567
rs6947178	T	-0.052
rs117605382	G	-0.1323
rs62480111	C	0.2466
rs75509990	T	0.1291
rs73123364	C	-0.0711
rs12718224	A	-0.0373
rs10274854	A	-0.0415
rs55787858	C	0.1173
rs1088555	C	-0.0386
rs10230879	T	-0.1133
rs10237658	G	0.0363
rs2299189	T	-0.0456
rs77103870	T	0.1031
rs113829953	G	0.0861
rs17233604	C	-0.0485
rs12672558	C	-0.0364
rs73159932	A	-0.0553
rs117321860	T	-0.2314
rs55668221	A	-0.0373
rs117957914	C	-0.1182
rs17427703	G	0.0921
rs28581369	A	0.0442
rs17164202	G	0.076
rs11768401	T	0.0621
rs798543	G	0.0366
rs144264663	C	0.1521
rs10233586	C	-0.1569
rs76866977	T	-0.1435
rs1733623	T	0.0337
rs17364455	C	-0.0586
rs111854091	A	-0.2281
rs28450660	A	0.0866
rs74680792	T	-0.1126
rs71546626	C	-0.0869
rs318580	A	0.0639

rs2293369	A	0.0365
rs881789	C	0.0385
rs74425990	T	0.0748
rs17156744	G	0.0961
rs1622319	G	0.1003
rs1525307	C	-0.0426
rs77717306	T	0.1133
rs1406085	A	0.1532
rs76142911	C	-0.1697
rs141267614	A	0.1318
rs55712047	C	-0.0596
rs78997001	C	-0.1337
rs79080238	T	0.1287
rs34210378	G	0.2295
rs111450429	T	0.1258
rs73166011	C	0.1152
rs10280239	T	0.0337
rs2524930	C	0.0367
rs4731725	T	-0.0379
rs7811595	T	-0.0806
rs73041345	A	-0.1003
rs111342539	A	0.2144
rs11772397	G	0.2388
rs2576507	A	0.04
rs78048444	G	0.2284
rs1834300	T	-0.087
rs113511554	A	-0.1522
rs1978157	T	-0.0918
rs62449592	G	-0.0456
rs118126310	T	0.2138
rs2429582	C	-0.0348
rs1179626	A	-0.0563
rs12113674	T	0.0475
rs10247993	C	0.0333
rs113452392	T	0.0974
rs17863241	A	-0.1697
rs34836271	A	-0.1021
rs1858943	C	-0.0407
rs4131224	A	0.0671
rs139902924	T	0.0679
rs13240400	T	0.153
rs60187388	G	-0.0522
rs3757449	C	-0.1526
rs145822671	C	0.2625
rs17732242	T	-0.0517
rs4726566	C	0.0328
rs58897972	T	-0.2066

rs34340061	C	-0.0943
rs79202708	A	0.1177
rs4722891	T	0.0572
rs112356730	A	-0.1315
rs61676577	A	0.0726
rs11979100	C	0.1096
rs9648765	C	0.0372
rs1015865	G	0.0518
rs6944113	C	-0.0518
rs1851896	G	0.0879
rs12702093	A	-0.0972
rs77292900	C	0.0993
rs13231119	G	0.0572
rs11981141	T	0.0616
rs139997034	C	0.1642
rs56372533	T	-0.0597
rs78451817	A	0.1665
rs56140759	G	0.1778
rs141720439	T	0.1232
rs73701416	G	0.0516
rs73461827	C	0.1484
rs117964768	A	0.3215
rs118070737	T	0.1173
rs79897872	G	0.1248
rs10235583	T	0.15
rs1442261	T	-0.0352
rs79917001	G	0.199
rs2888581	G	-0.0824
rs9649819	T	-0.0328
rs74696656	A	-0.0579
rs76321133	G	-0.1636
rs149340202	C	0.1527
rs56108536	C	-0.0397
rs394366	C	-0.0475
rs73380918	T	0.0735
rs7800663	T	0.0377
rs4730626	A	-0.042
rs142305422	T	0.108
rs17168292	T	0.2485
rs410825	G	-0.0384
rs139901658	C	0.1546
rs798464	T	-0.0428
rs2329850	T	-0.0369
rs62443661	T	-0.0356
rs78819157	G	0.0479
rs62451158	G	0.0558
rs4719869	G	0.0348

rs2402673	G	0.0409
rs2718361	C	-0.0484
rs1706896	G	0.0335
rs74604579	C	-0.2295
rs111889929	G	0.1403
rs116938731	C	-0.1477
rs2704282	A	-0.0392
rs1174968	T	-0.0643
rs7805910	A	0.0325
rs2040908	G	-0.036
rs794353	T	0.1256
rs6967789	T	0.0552
rs11977946	A	0.1324
rs112484184	G	0.2364
rs4236418	T	-0.0693
rs77740204	T	0.1182
rs150703563	G	-0.2046
rs73402679	G	-0.0481
rs11982216	C	-0.0567
rs17153731	T	-0.046
rs13226390	G	-0.1247
rs184381	A	-0.032
rs75137959	G	0.0907
rs2189731	G	0.0322
rs117625718	T	-0.1104
rs10486116	G	0.0535
rs1506639	T	0.0332
rs1005461	T	0.0444
rs3212001	A	-0.1566
rs145749539	C	-0.107
rs79401853	T	0.0782
rs73156537	C	-0.0688
rs12532812	A	-0.0472
rs11977608	A	-0.1398
rs17263531	A	-0.0437
rs78140712	A	0.1183
rs2329393	A	0.0507
rs4724913	C	-0.0346
rs148780227	C	-0.1899
rs10266706	G	-0.0334
rs78260220	C	-0.1441
rs116868636	T	-0.1544
rs35513519	A	0.1651
rs10229949	G	0.042
rs73103399	G	0.1739
rs10275746	T	-0.0322
rs4720824	G	0.0835

rs150630947	T	0.1881
rs4723995	A	0.0371
rs11766632	A	0.0339
rs3113176	G	0.0582
rs6942458	G	-0.0391
rs146459471	A	-0.1695
rs76971904	G	-0.1519
rs75699366	T	-0.1445
rs9912	A	0.0394
rs17170577	G	0.0997
rs111240602	A	0.0689
rs73212247	A	-0.0585
rs11974528	T	0.1206
rs6943830	T	0.0335
rs28954371	T	-0.0911
rs117648861	G	0.22
rs116948990	G	0.1932
rs35039803	T	0.1057
rs2734887	T	-0.0623
rs151317745	T	0.1773
rs4270847	G	-0.0375
rs6966677	C	0.0502
rs79636621	G	-0.08
rs62446525	G	0.0543
rs2217183	T	-0.1396
rs74527005	G	-0.0572
rs2110382	G	-0.053
rs73464385	T	0.042
rs62444774	G	-0.144
rs73158836	T	0.0892
rs17764272	T	0.1075
rs142799007	T	-0.2087
rs80154660	G	0.1815
rs117910193	A	0.0814
rs78163636	C	-0.2168
rs76573916	C	0.1918
rs2695561	A	0.0386
rs116603536	T	0.1457
rs2699823	T	-0.0336
rs151139477	A	-0.0893
rs12670675	G	0.062
rs146939960	C	0.1427
rs343042	C	0.0387
rs12671508	A	-0.1202
rs117020868	G	0.118
rs118188625	A	0.2575
rs117954076	A	0.1158

rs1808235	T	-0.0383
rs3801189	T	0.0333
rs148582201	T	0.2491
rs9641483	A	-0.032
rs80246513	C	-0.0784
rs17150425	T	0.1272
rs17171310	T	-0.1293
rs151026386	T	0.2987
rs221123	C	0.0525
rs116866571	C	0.3584
rs73737777	C	-0.103
rs141643454	A	-0.1896
rs3808019	C	-0.0612
rs13240132	A	0.1796
rs13237311	T	0.0374
rs13227603	C	0.1686
rs10278222	G	0.0592
rs61254201	C	-0.073
rs62478505	A	-0.1028
rs117318597	G	-0.141
rs2972121	G	-0.0402
rs2330784	T	-0.0331
rs12112240	G	0.0623
rs112256120	T	0.0701
rs7796835	T	0.0467
rs6947120	G	-0.0708
rs117865882	A	-0.1435
rs7787683	C	-0.0456
rs665687	A	0.0649
rs2041301	A	0.0317
rs62476227	C	0.0542
rs57143312	C	0.1172
rs73321464	A	-0.2151
rs4541811	T	0.0385
rs79524655	T	-0.1362
rs7804659	C	0.0486
rs7810525	T	0.0521
rs111466677	G	-0.1206
rs7801489	C	0.1692
rs138331021	C	-0.2579
rs6952765	G	-0.0317
rs78995201	G	-0.2595
rs2965385	C	-0.0427
rs73142171	C	0.109
rs139295670	G	0.1012
rs17150403	T	-0.1006
rs11768402	T	0.0414

rs141814044	G	0.106
rs12670733	T	-0.0337
rs1981715	A	0.0491
rs117159846	C	0.1294
rs17171540	G	0.0733
rs6967038	T	0.0473
rs62491796	T	0.1732
rs10215958	C	0.0458
rs1525468	C	0.0332
rs142922521	C	0.1428
rs3807099	G	0.112
rs150584319	C	0.2599
rs7790299	C	-0.108
rs117018941	T	-0.1771
rs34623553	A	0.0375
rs17160720	G	-0.0615
rs73212058	A	0.0992
rs146744621	T	-0.0426
rs6593207	C	0.0528
rs4368897	T	-0.0488
rs1183079	A	-0.0332
rs111507308	T	-0.119
rs116922441	A	-0.1495
rs17824602	G	0.1319
rs2190393	G	-0.0604
rs1406100	C	0.0895
rs35701152	T	-0.0388
rs10487240	G	0.0799
rs17540141	A	-0.1909
rs13245634	T	-0.1076
rs17167079	T	0.1226
rs4585645	T	0.0476
rs149322401	C	-0.134
rs62451149	G	0.095
rs79942720	G	0.0471
rs11771253	C	0.0389
rs147560418	G	0.085
rs7795862	C	0.0465
rs117053966	A	-0.1241
rs117521177	T	0.1853
rs1005312	A	-0.0324
rs117369726	T	-0.0968
rs112706360	A	0.1234
rs150878019	G	-0.1358
rs60296393	T	-0.1505
rs147085522	G	0.196
rs144530208	G	-0.3168

rs12531431	G	0.0325
rs61734185	T	-0.1918
rs78142619	T	-0.1352
rs17366199	A	0.1147
rs41374744	G	0.1343
rs77281489	T	-0.1023
rs34333097	C	0.086
rs2528468	A	0.0582
rs4722184	T	0.044
rs35763039	A	0.0356
rs142841070	G	0.0837
rs73224177	A	-0.2187
rs11983752	G	0.0729
rs17166341	A	-0.0801
rs3087368	T	0.1364
rs1307292	T	0.0354
rs77233699	A	0.0932
rs73148443	G	0.056
rs118033547	G	-0.1421
rs2470983	A	0.0451
rs79417970	A	-0.1532
rs61741736	C	0.1493
rs11771547	C	-0.0449
rs1561602	T	0.035
rs6980141	G	0.1226
rs117224720	T	0.239
rs3935925	C	0.1007
rs12534652	T	-0.125
rs6972839	G	-0.0488
rs77671246	T	0.1152
rs489942	T	0.033
rs2598124	A	-0.0324
rs80095409	C	0.1914
rs10236887	T	-0.0429
rs114	G	-0.0318
rs35177186	A	-0.132
rs72624207	A	-0.126
rs12534759	T	0.0577
rs62443735	T	0.0623
rs77376533	T	0.1353
rs78443874	A	-0.092
rs76893606	G	0.0641
rs116894699	A	0.1302
rs142788561	G	0.1223
rs7790776	G	0.032
rs28746508	G	0.1766
rs78026402	G	0.2983

rs7778867	T	-0.0556
rs10225927	G	-0.0397
rs58130666	T	0.0398
rs62447175	C	0.0819
rs79210156	T	-0.2335
rs10274089	T	0.0608
rs79465089	C	-0.0657
rs117718459	G	-0.1502
rs73045781	G	-0.0879
rs1525205	T	-0.0379
rs146509093	G	-0.2463
rs886966	A	0.2197
rs10256430	G	-0.0358
rs4721048	T	-0.0417
rs2061471	T	-0.0359
rs75380717	A	-0.1032
rs117120426	A	0.1655
rs2451236	G	-0.0377
rs7777398	T	0.0345
rs114259026	G	0.1164
rs75685985	C	-0.1118
rs2106727	A	-0.0326
rs116987600	T	0.2269
rs113942280	G	0.0516
rs1534003	G	-0.0588
rs7803594	C	0.0332
rs10435178	A	0.0818
rs13239836	A	0.0612
rs7788485	T	0.0606
rs2302344	C	0.0337
rs10282364	C	-0.0459
rs76381678	G	-0.1061
rs2331004	G	-0.0625
rs11980096	C	-0.1094
rs1705109	C	-0.0336
rs148841964	C	0.1884
rs34536127	G	-0.0812
rs6949550	A	0.0333
rs79424388	G	-0.0825
rs117382630	A	0.2181
rs13312195	G	0.0365
rs75672964	T	0.1128
rs145464938	A	0.1803
rs35100406	C	-0.0595
rs111789364	A	0.2198
rs7800508	T	0.0392
rs3907713	C	0.0509

rs117852363	A	-0.0428
rs1007192	G	-0.0342
rs75068980	T	0.1177
rs113027793	C	0.083
rs62472724	T	0.0561
rs118053872	T	0.2028
rs7784500	G	0.0331
rs4722267	G	-0.0362
rs17703228	A	0.038
rs76089259	G	-0.0993
rs80072358	A	-0.2234
rs58921692	A	0.0797
rs2523188	C	0.0816
rs148999677	A	0.1562
rs16207	C	-0.0346
rs2331221	T	0.0329
rs12534845	A	0.0487
rs740542	T	0.2568
rs12701915	G	0.0395
rs2659911	A	-0.0485
rs6965851	A	0.0556
rs35574739	A	0.1725
rs117718047	A	-0.0505
rs150205657	A	0.1815
rs3111284	T	0.0516
rs76188411	A	0.0911
rs10257785	A	-0.1203
rs4717022	A	0.0342
rs6466761	A	0.0368
rs6966944	G	-0.0395
rs79434696	G	0.0875
rs75193610	A	-0.0844
rs67176119	A	-0.0367
rs77363802	A	0.096
rs2970495	A	0.0389
rs73088306	A	0.0638
rs78770530	G	0.1953
rs17885912	G	0.074
rs75480139	C	0.135
rs10265042	A	0.0468
rs118091779	G	-0.1593
rs78618273	C	0.0874
rs4716915	A	-0.0356
rs2158923	T	0.0543
rs17651890	A	-0.0684
rs79209503	T	-0.1252
rs17438410	A	-0.065

rs2301630	T	-0.0324
rs7791042	C	0.0375
rs118104117	T	-0.1614
rs17170286	C	-0.0549
rs13230913	A	-0.148
rs2239926	C	0.0352
rs1031487	T	-0.0431
rs6950998	A	-0.0446
rs62482486	T	0.0965
rs117323850	A	0.0868
rs13232692	G	-0.0306
rs10231661	C	0.0324
rs116994178	T	-0.3159
rs1295158	C	-0.0329
rs117978569	G	0.2593
rs6949509	G	-0.0317
rs4732296	A	0.0551
rs11761581	A	0.067
rs12154280	A	-0.0475
rs7802263	G	0.0378
rs75943470	G	0.1378
rs73156176	A	0.0546
rs117285623	G	0.3124
rs140422405	A	-0.2466
rs75610937	T	-0.0878
rs150601505	G	-0.1213
rs75297438	T	-0.1243
rs112805388	A	-0.2167
rs1593215	T	0.0596
rs7811364	C	0.044
rs10239485	A	0.0417
rs1608837	G	0.0333
rs79073424	G	-0.076
rs6971531	T	0.0404
rs118157164	T	0.1111
rs143261428	C	-0.0821
rs177684	T	0.0918
rs77929844	T	0.1103
rs79414056	T	-0.2412
rs117736677	A	-0.1239
rs79688422	T	0.1031
rs150336095	G	-0.1111
rs80204349	T	0.1365
rs34889008	G	-0.0565
rs113401261	A	-0.0592
rs150609	T	-0.0388
rs149460737	G	-0.1487

rs6968714	A	-0.0519
rs12702768	T	-0.0392
rs76591213	A	-0.1267
rs10251598	C	0.0362
rs1722927	A	-0.0356
rs10950535	G	-0.0868
rs13222234	A	0.0986
rs111321716	C	-0.1612
rs7793993	C	0.0352
rs151300444	T	-0.2068
rs12699521	T	-0.0533
rs2709983	G	0.2019
rs11766189	G	-0.1048
rs6977854	G	0.0329
rs3750105	A	-0.0429
rs138877993	T	0.2014
rs6953977	A	0.0439
rs7791083	G	-0.1024
rs11768430	G	-0.083
rs58602292	A	0.0776
rs147485949	G	-0.1628
rs146057520	C	-0.1422
rs112196273	C	0.0736
rs10261824	C	-0.0469
rs10241490	T	-0.0307
rs7792046	G	0.0744
rs71530711	G	0.1063
rs2330951	C	0.0365
rs116965862	G	0.3572
rs117312427	G	-0.1277
rs78132730	G	-0.0454
rs147492621	G	-0.1803
rs79933123	A	0.1441
rs10262976	G	-0.0478
rs10226233	T	-0.0348
rs73709826	G	0.2181
rs73727208	G	0.0854
rs78121801	T	0.1494
rs55660257	G	0.0832
rs73081995	A	-0.1143
rs11540426	A	-0.1499
rs1030034	T	0.0427
rs73223671	T	0.2242
rs117693998	G	-0.1368
rs28459281	T	0.0489
rs41648	A	0.2313
rs7793366	C	0.0426

rs149826073	A	0.1068
rs1558180	G	0.0738
rs77478093	T	0.0882
rs9691676	T	0.059
rs75109974	A	0.0724
rs10225870	A	-0.0539
rs74892167	G	0.0451
rs3750132	C	0.0491
rs75770077	A	0.1192
rs117205897	T	0.153
rs74903483	T	-0.0999
rs6974065	G	0.0535
rs77611310	T	0.1625
rs60772695	G	0.0676
rs6958152	A	-0.134
rs6465687	T	0.0323
rs77497849	G	-0.0478
rs6950786	A	0.0819
rs7791320	T	-0.0639
rs74505180	G	-0.1821
rs2463487	A	-0.0905
rs116936483	C	0.1589
rs117335186	C	0.1623
rs11980430	C	0.0582
rs78105963	T	0.0642
rs77561061	C	0.2173
rs77095273	T	-0.1585
rs111733652	A	-0.1998
rs36014002	C	0.0461
rs143659187	G	-0.2339
rs117961618	T	-0.2609
rs39028	G	0.0641
rs75732507	A	-0.1521
rs17377633	T	0.1836
rs75064927	C	0.1956
rs11536396	C	0.0721
rs112802670	G	-0.3024
rs1109806	C	-0.0343
rs10265492	A	0.0455
rs971334	G	0.0441
rs75285193	G	0.082
rs80086158	C	0.0574
rs75628688	T	-0.1278
rs56094953	G	0.0872
rs2329939	T	0.0362
rs12706455	C	-0.0318
rs41272936	T	0.1401

rs62456322	C	0.0708
rs10486771	G	0.0508
rs75130376	G	0.0533
rs149307564	C	-0.0556
rs111916718	A	-0.0583
rs10244678	T	0.0359
rs10235630	A	-0.0307
rs7797777	G	-0.0605
rs116858634	C	0.1544
rs6978840	T	-0.0344
rs2471320	C	0.0847
rs9692191	A	-0.1329
rs73152805	C	0.2456
rs11762004	C	0.0914
rs12532699	A	-0.0349
rs58487019	G	0.0302
rs60755077	T	-0.0368
rs1966363	A	-0.0397
rs143336333	C	-0.2053
rs2286116	G	-0.0456
rs2568639	C	0.0321
rs6948544	A	0.0412
rs13225227	G	0.2322
rs117952485	T	-0.1288
rs11763290	A	0.043
rs138313558	A	-0.2238
rs3807850	C	-0.0613
rs17704807	C	-0.0324
rs3735517	A	-0.037
rs71543535	T	0.0487
rs118158551	A	-0.2197
rs6966580	A	0.1005
rs2097873	T	-0.0469
rs7787767	G	-0.0559
rs80055786	A	-0.1293
rs114491466	A	0.1977
rs2355779	G	0.0361
rs314313	C	0.0337
rs75273485	T	0.1718
rs2079328	C	0.0392
rs71540712	G	0.1958
rs138984737	A	0.1851
rs38404	T	-0.0487
rs17864158	T	-0.2046
rs7790788	T	-0.0319
rs35787627	A	0.0741
rs149688227	G	-0.2183

rs150471809	T	-0.0921
rs7784835	G	0.0325
rs76693575	G	-0.1404
rs296296	A	0.0306
rs143907258	T	0.2339
rs4730320	A	0.0338
rs10215205	A	-0.0791
rs7790049	A	0.1979
rs62481915	A	-0.057
rs73041665	A	-0.0634
rs74717354	T	0.051
rs62470436	A	-0.071
rs13244325	G	-0.0492
rs144003784	C	-0.2434
rs4722163	A	0.0881
rs4726088	A	-0.0359
rs77571687	T	0.1414
rs13223694	T	-0.0366
rs62468891	A	-0.0535
rs78427960	A	-0.0681
rs149363203	C	0.1046
rs73170563	T	0.0368
rs62490076	T	0.0841
rs113247718	A	0.2222
rs17170574	G	0.187
rs38539	A	0.1621
rs1378766	A	0.0483
rs117028194	T	-0.1523
rs117159521	G	-0.1542
rs6465409	T	0.0377
rs17131948	A	-0.0519
rs6976902	T	-0.1031
rs79928190	T	0.0645
rs117348280	A	0.1324
rs142419045	A	-0.1052
rs2541094	T	0.0641
rs60024065	G	-0.0976
rs12702457	A	-0.035
rs17171056	A	-0.0463
rs17149415	G	-0.038
rs221791	A	-0.2067
rs2214551	C	0.047
rs6467296	C	0.0335
rs6949694	A	0.0306
rs38101	A	-0.0386
rs7803528	T	-0.0439
rs17154322	G	0.0907

rs79445594	C	-0.1229
rs60588984	A	0.0769
rs10258495	T	-0.0327
rs75433422	A	-0.0809
rs116916961	G	-0.2479
rs57425123	C	-0.0391
rs62452245	T	-0.1407
rs117415406	A	-0.1216
rs899129	C	-0.047
rs146580062	G	0.1433
rs140021541	T	0.0948
rs78293454	C	0.0645
rs117394037	A	0.1764
rs17154941	T	0.0957
rs78862065	A	0.1471
rs452475	T	0.0415
rs3025140	A	0.0425
rs12113684	C	0.0673
rs2293339	T	-0.0313
rs4723002	G	-0.051
rs73071669	C	-0.1634
rs4723587	T	0.1269
rs146149116	T	0.1028
rs12540889	G	0.0725
rs7780254	T	0.0903
rs2717799	A	-0.0342
rs62440816	A	-0.101
rs17795169	C	-0.0826
rs6956026	G	0.0306
rs117058994	C	0.1046
rs3847027	A	0.0329
rs62477389	C	-0.0669
rs62449075	G	-0.0791
rs117597021	G	0.1065
rs73081642	T	0.0895
rs13223290	C	0.0394
rs11981725	A	-0.0336
rs10269856	C	0.0386
rs77893573	C	-0.0846
rs10261554	G	-0.0342
rs12535476	T	0.1726
rs117923965	C	0.2068
rs11532787	T	0.0495
rs117586214	A	-0.1428
rs146834669	G	-0.2251
rs12698848	G	0.0597
rs35546972	G	-0.0593

rs10255565	C	0.0671
rs6963094	C	-0.0422
rs3807277	A	-0.0825
rs77175102	T	-0.18
rs7806617	G	0.0324
rs146186318	T	0.129
rs112330055	A	-0.0704
rs73223584	A	-0.2019
rs799312	G	0.0558
rs73498458	G	-0.2399
rs62491681	T	-0.27
rs79829318	C	0.1029
rs1858786	G	0.0356
rs35688866	T	0.0592
rs117766959	G	0.1033
rs13224052	G	-0.0322
rs17782704	C	-0.1672
rs62481806	T	-0.1056
rs10229866	C	0.0626
rs73338982	A	0.0774
rs6962540	C	-0.0764
rs10276466	C	-0.032
rs2285647	A	-0.0329
rs2954559	C	0.0602
rs60002512	A	0.1327
rs55754145	C	-0.0647
rs112920429	T	0.094
rs2667740	T	-0.204
rs112618643	A	0.1556
rs62454448	A	0.0423
rs12673506	A	-0.0406
rs73433064	G	0.0501
rs17150350	T	0.1236
rs41875	C	-0.035
rs73238109	A	0.0835
rs141980218	A	0.1196
rs77136845	T	-0.0687
rs56278796	C	0.0525
rs75890722	T	0.2044
rs6960667	G	-0.0791
rs62444907	T	0.0416
rs73148751	C	0.1366
rs846925	A	0.0514
rs17632787	C	0.0529
rs34300034	T	-0.1838
rs12701650	C	0.0484
rs146734383	A	0.1098

rs62480712	G	0.1069
rs6977562	G	-0.041
rs145403918	G	0.0432
rs34006745	G	0.088
rs78597317	C	-0.0567
rs6970897	G	0.0543
rs71536269	T	0.0746
rs12536370	G	-0.0419
rs10271765	T	-0.0969
rs12670263	A	-0.0463
rs73158758	T	0.1111
rs68102118	C	0.042
rs116906789	G	-0.17
rs6945610	T	0.0433
rs12706962	T	0.039
rs62464484	C	-0.0418
rs142863261	A	0.294
rs150534918	G	0.098
rs73185100	C	0.0987
rs4731863	A	0.0721
rs17324090	T	0.1495
rs62436863	A	-0.1697
rs7812128	A	-0.0707
rs62481358	T	0.0314
rs319290	A	0.1485
rs1007471	T	0.0299
rs56281112	A	-0.0548
rs149003019	T	0.1959
rs144459373	G	-0.1955
rs117009903	G	0.2035
rs1721435	C	-0.0406
rs118149039	T	0.2386
rs74798265	G	0.1881
rs11973363	G	-0.0391
rs10251856	A	0.0306
rs79732633	T	0.1249
rs11768613	C	0.0384
rs7777324	A	-0.0553
rs73220765	T	0.2482
rs75840154	A	0.226
rs72586150	G	0.0695
rs74906648	C	0.1764
rs117443862	A	0.1957
rs11767043	A	0.0374
rs11973740	A	0.2068
rs77450216	G	0.1686
rs10278005	A	0.0406

rs80178054	T	0.0778
rs10950595	C	-0.0336
rs74495545	T	-0.092
rs56129486	T	0.0769
rs6948980	C	0.0792
rs77364030	T	0.0688
rs4947978	A	0.0308
rs11767545	T	0.0312
rs4074784	C	0.0356
rs55947524	A	-0.1915
rs139061821	T	0.1191
rs138932766	T	0.2088
rs139994248	G	-0.2463
rs994241	T	0.076
rs4947831	G	0.0306
rs799161	C	-0.0322
rs141154295	A	-0.1361
rs461	A	0.1091
rs56080411	C	-0.0471
rs112414672	A	-0.0787
rs56042035	T	0.0687
rs73154205	T	0.1555
rs28852695	T	0.0374
rs117873276	G	-0.2174
rs205769	T	0.0501
rs74983009	A	-0.0769
rs78629471	T	-0.1505
rs78573816	A	-0.0567
rs116859565	C	0.1339
rs6463475	C	-0.0558
rs143581808	A	-0.1077
rs17288513	C	0.0736
rs117370201	T	0.0964
rs62484402	T	-0.1484
rs111707942	G	0.2377
rs7799927	C	0.0419
rs13437653	G	0.059
rs2968833	A	-0.0505
rs4727332	T	-0.0723
rs4730685	A	0.0304
rs3887211	G	-0.0314
rs7798971	A	0.036
rs76117559	A	0.063
rs145008384	C	-0.0992
rs56285148	T	-0.0787
rs62481863	G	0.0933
rs141253442	G	-0.1266

rs520556	C	-0.0378
rs2107798	T	-0.0305
rs10232282	T	0.1011
rs73740586	A	0.0729
rs7778134	G	0.0363
rs58154629	A	-0.093
rs73099538	G	0.0752
rs3807744	A	0.0373
rs6966393	A	0.0536
rs12705619	A	-0.0308
rs11763888	T	-0.0458
rs114601314	T	-0.2016
rs13309829	G	-0.036
rs112941847	G	0.0457
rs138826449	A	0.165
rs73106210	C	0.1324
rs12537749	G	0.064
rs117869120	A	0.1591
rs758261	T	0.0358
rs17155447	C	-0.091
rs38520	A	0.0537
rs62474010	T	0.0917
rs139917795	T	-0.1823
rs56912929	C	-0.07
rs142514412	G	-0.2239
rs797635	C	0.0309
rs10486050	T	-0.0782
rs73069230	C	-0.0431
rs146750051	A	-0.0759
rs117905460	A	-0.1712
rs1730150	A	-0.0762
rs10486061	A	-0.0397
rs117573700	A	-0.1867
rs76660450	C	0.1469
rs117653048	A	0.1542
rs117590953	C	0.1587
rs57627778	T	0.0922
rs10234315	T	-0.0375
rs62458259	A	-0.0433
rs117827648	T	0.0699
rs62469951	G	-0.1269
rs150490992	T	0.0448
rs77462394	C	0.1035
rs11768344	A	-0.0723
rs78153615	A	0.1691
rs2106563	C	-0.0347
rs77962661	T	0.1343

rs146490015	C	0.1156
rs6957801	A	0.1595
rs12706452	C	0.0896
rs35036465	A	0.1542
rs2614948	C	-0.0823
rs11563496	C	0.051
rs113051485	A	0.1304
rs146933220	A	-0.195
rs6464267	C	0.0433
rs79278736	A	0.1439
rs112232507	C	-0.2229
rs17660308	G	0.0417
rs148613887	A	-0.0593
rs141057219	G	0.1855
rs73689806	A	0.1235
rs73238124	G	-0.1454
rs150376397	C	-0.1805
rs6956300	C	0.0467
rs2270311	T	0.0325
rs150647742	G	0.1749
rs10486064	T	-0.0454
rs78763360	G	0.1686
rs146726252	A	-0.1905
rs12698919	A	-0.0318
rs73696815	C	-0.0714
rs6946096	C	0.0442
rs10257396	A	-0.0436
rs4723125	C	-0.0532
rs1268900	T	0.1859
rs1880623	T	0.1287
rs147608908	T	0.1795
rs3734942	A	0.0434
rs10227734	A	-0.1261
rs117932280	A	0.0957
rs67460790	C	-0.0367
rs76175086	C	0.1051
rs1027670	A	-0.05
rs143314052	A	0.1935
rs62457787	C	0.106
rs80105652	G	0.0818
rs55846951	G	0.1918
rs113829300	G	-0.1727
rs28375913	G	-0.072
rs117536155	A	0.0806
rs75901634	A	0.0771
rs62467736	C	-0.0853
rs4732284	G	-0.0541

rs73075129	A	-0.2057
rs73233048	T	-0.1924
rs73177891	G	-0.134
rs12668627	A	0.0323
rs62453389	T	0.0455
rs1557788	A	0.0334
rs150136963	C	0.1743
rs10953460	T	0.0365
rs76473115	T	0.0735
rs11532668	G	0.0476
rs145336472	C	-0.2176
rs6464878	G	-0.0775
rs77834423	G	0.0954
rs2349178	A	0.0297
rs74912454	T	-0.1504
rs118173313	T	0.1617
rs78156677	C	-0.1357
rs2717897	T	0.0642
rs17251889	G	-0.1328
rs139278576	T	0.2213
rs10250561	C	-0.1073
rs71541354	C	-0.0877
rs8177828	T	0.258
rs140489009	G	0.1618
rs7789612	G	-0.0685
rs10265249	A	-0.0665
rs997782	G	-0.0369
rs6593296	T	0.0337
rs1015571	T	0.0306
rs117166444	A	-0.1316
rs116968266	A	0.1187
rs11771790	A	0.3132
rs1220753	C	-0.0622
rs4724613	A	-0.0303
rs73241153	G	0.1837
rs118025257	T	-0.139
rs1639911	A	0.0809
rs2347694	A	-0.0347
rs13247947	A	-0.0401
rs79310932	G	0.1919
rs35420793	A	0.0982
rs386223	C	0.0346
rs117485804	A	0.2323
rs2971783	C	0.0317
rs62449838	C	0.0353
rs118121776	A	0.14
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rs3793270	T	-0.0451
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rs78756658	C	0.0849
rs2961237	C	0.0317
rs6466463	A	0.0291
rs28636508	C	0.0478
rs4723147	A	0.0337
rs116970311	A	-0.1663
rs138154852	A	-0.0708
rs1391991	A	0.0328
rs75243573	T	-0.2061
rs28916280	T	-0.1797
rs78813715	C	0.1211
rs2037704	G	0.0475
rs58943687	T	0.0998
rs6962878	G	0.0417
rs111924755	C	0.1808
rs11575387	G	0.0525
rs77265959	C	-0.173
rs149721630	C	0.2436
rs2908277	A	0.0439
rs57364258	C	-0.117
rs2614957	C	-0.0327
rs62483591	T	-0.0341
rs112525104	A	-0.1251
rs62448270	A	-0.1085
rs112721398	C	-0.0845
rs12534224	T	0.0554
rs117779140	T	0.1469
rs75557125	T	-0.1004
rs60406257	G	-0.0473
rs990919	T	0.0308
rs990528	A	0.0432
rs62471757	G	-0.1052
rs1990366	A	0.0411
rs13438013	A	0.1395
rs75328086	A	0.102
rs55643551	C	0.1009
rs10241449	T	-0.0322
rs1917738	C	-0.0452
rs17162758	C	-0.0309
rs17166813	A	0.1224
rs13243544	T	0.0852
rs11769938	A	-0.0812
rs148848038	C	0.1383
rs11980747	T	0.0917
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rs11768467	T	-0.1232
rs73158560	A	-0.0457
rs117122959	A	-0.1254
rs113857157	G	0.2456
rs357366	A	-0.0449
rs4383914	C	-0.0302
rs11769410	G	0.0814
rs1524926	T	0.0344
rs56946039	T	-0.1263
rs6967566	C	0.0359
rs6965015	T	0.0297
rs757702	A	-0.1197
rs1557978	T	-0.0316
rs74591996	T	0.0589
rs7804983	C	0.0304
rs144573006	G	-0.1263
rs78512772	T	0.1594
rs60209489	C	0.0876
rs2002874	C	-0.0336
rs80111597	A	-0.074
rs28847753	C	0.058
rs117783599	G	-0.1031
rs41271241	A	0.0624
rs117883964	G	0.0896
rs76186886	A	-0.0855
rs272659	A	0.0334
rs113062222	T	0.1277
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rs71536085	G	-0.0528
rs10952211	C	0.0299
rs143034022	T	-0.2262
rs111227588	A	-0.0626
rs78469462	T	0.0575
rs3807504	A	-0.1889
rs12705026	A	0.0453
rs79490442	A	0.1977
rs117601773	G	0.1504
rs6959020	G	-0.029
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rs17657924	A	0.0333
rs62452041	T	-0.1359
rs67596028	A	0.0413
rs73178459	G	0.1108
rs138179924	T	-0.1985
rs10238092	T	-0.0592
rs145855974	T	-0.1536

rs147704044	T	-0.1465
rs13234653	A	-0.037
rs2140583	C	-0.0328
rs816229	T	-0.0355
rs12698418	G	-0.0602
rs57339436	G	0.0613
rs930355	G	-0.0325
rs12706977	C	-0.0337
rs9886279	T	0.0299
rs10945	G	-0.0448
rs6945516	G	0.03
rs113570998	A	0.1335
rs113938477	C	0.048
rs73081416	T	0.063
rs4727908	C	-0.0956
rs148244709	C	-0.2308
rs73169173	A	-0.096
rs78284522	T	0.0957
rs12536027	A	-0.1079
rs2189930	C	0.0298
rs1989905	A	-0.0784
rs4732278	C	0.0435
rs28611316	C	-0.0595
rs71228086	G	-0.0497
rs9720071	A	0.0407
rs78227631	A	0.194
rs140188704	T	-0.2172
rs79647391	A	-0.2445
rs62441380	C	-0.0609
rs75199833	G	-0.0799
rs79119050	T	-0.1666
rs76024794	T	0.2098
rs113461837	T	0.18
rs79779003	C	0.057
rs700318	A	0.0317
rs114128161	T	0.1053
rs117719438	T	0.1362
rs73037719	G	-0.0552
rs7803459	T	0.0697
rs116944085	G	0.0595
rs11973042	A	0.0532
rs3807496	G	-0.0298
rs36144086	T	0.0701
rs28733769	T	0.0527
rs10264872	C	0.0862
rs76335349	A	0.0825
rs75502789	A	0.1071

rs7803208	A	-0.0366
rs4728499	T	-0.0356
rs6972997	T	-0.0317
rs1357646	C	0.0583
rs10952979	C	0.0312
rs73067817	G	-0.0566
rs10249517	A	0.0297
rs12532804	G	0.0395
rs17483874	C	-0.0404
rs78832356	C	-0.1238
rs62497452	C	0.0834
rs2886777	C	-0.1064
rs887904	C	-0.043
rs73235915	C	0.0942
rs146151847	T	0.1686
rs74564713	G	-0.2259
rs17167731	T	-0.1201
rs4722480	T	-0.0438
rs117383012	C	0.1266
rs13232464	A	-0.0371
rs7789679	A	0.1201
rs13308169	G	-0.0324
rs62487032	T	0.1606
rs3800734	A	0.0288
rs12669153	G	0.0341
rs37920	C	-0.0623
rs71582886	A	0.1012
rs2714657	G	0.0314
rs140352008	C	0.1355
rs2237804	T	0.0354
rs1014201	A	-0.0781
rs6466015	A	-0.0645
rs73077968	G	0.0536
rs75468479	G	0.0888
rs17142666	G	0.1602
rs73139400	G	0.1091
rs7812168	G	-0.0449
rs78904460	C	-0.1123
rs10808024	A	0.0324
rs1468149	G	-0.0673
rs1421347	G	0.2291
rs17171924	C	-0.0963
rs116989655	A	0.2262
rs12674175	A	0.0466
rs10499470	A	0.0645
rs11772774	A	-0.0757
rs113019952	C	0.1534

rs73158295	C	0.0704
rs10487853	G	0.0767
rs143471659	T	0.143
rs1918283	G	0.1426
rs10250481	G	0.0286
rs76934691	C	0.077
rs77279103	A	0.1369
rs73221367	A	0.0447
rs72611583	G	0.0796
rs74897641	A	0.1991
rs146789999	A	0.1517
rs74504935	T	0.0946
rs17160259	G	0.0874
rs140164898	T	0.1702
rs41335	G	0.0308
rs80199553	C	0.0831
rs111376530	T	-0.1251
rs80024658	T	0.1865
rs118135113	G	-0.1709
rs73176040	A	-0.1901
rs62470226	A	0.0633
rs4726826	G	0.0325
rs10239669	A	-0.0588
rs17171372	G	-0.0408
rs117203961	T	0.1078
rs4527795	C	-0.0384
rs139361602	C	0.1864
rs75257084	G	0.0845
rs13311326	T	-0.0341
rs17771638	T	0.1119
rs73157032	A	-0.1348
rs317760	C	0.1752
rs10230995	G	0.1812
rs10234985	T	-0.1375
rs56304237	C	-0.1137
rs9942557	G	-0.0709
rs7811360	T	-0.0528
rs143323273	A	0.176
rs74800313	T	-0.1279
rs1881379	T	-0.0617
rs143880919	A	-0.22
rs117768937	A	-0.2369
rs62436675	C	0.0578
rs11766629	G	-0.0497
rs62459628	T	0.0869
rs57211544	T	0.0481
rs77043744	C	-0.1711

rs2190082	G	0.2073
rs6466140	T	-0.0308
rs848886	T	-0.034
rs343054	C	0.031
rs76790369	G	0.2354
rs139521481	C	0.1133
rs917440	T	0.0285
rs10256221	T	0.0295
rs2534578	C	0.0346
rs139659407	A	0.0572
rs61227992	G	-0.0456
rs6959233	A	0.1477
rs28719153	A	0.0985
rs207212	T	0.0561
rs6462466	A	0.0352
rs11765383	G	0.0549
rs3857703	G	0.1066
rs73221185	C	0.1366
rs75256674	T	0.1258
rs56015142	A	0.0917
rs78769318	T	0.1864
rs74582735	T	-0.0716
rs56088656	A	-0.0755
rs12155203	T	0.0593
rs142905690	C	0.1769
rs11760846	T	0.0311
rs7782079	C	0.0324
rs2712212	G	0.0348
rs114783219	T	-0.1148
rs76091122	C	0.1335
rs6973200	C	-0.0583
rs77320582	T	0.117
rs12702798	G	0.1898
rs78913267	C	-0.109
rs11973260	C	0.0449
rs140869485	T	0.1383
rs140059823	A	0.2161
rs12705199	A	0.0316
rs117891535	G	0.2045
rs74519968	G	-0.1113
rs113645572	T	-0.1078
rs10259603	G	-0.0288
rs7789169	G	0.0517
rs28739398	G	-0.0799
rs75651683	A	-0.0807
rs55800141	T	0.1013
rs12539170	A	0.0579

rs10238612	C	0.0335
rs117944082	A	-0.0636
rs10269440	T	0.0331
rs75035289	T	0.0623
rs75215248	A	-0.1612
rs75218076	T	0.2097
rs6948719	G	-0.0321
rs117797113	A	-0.102
rs76612823	A	-0.0858
rs80005921	G	0.0307
rs13222091	C	-0.0553
rs117435198	A	0.0995
rs117750344	A	0.144
rs34485968	C	-0.1305
rs2690354	T	0.0536
rs2097678	C	0.0297
rs75013729	A	-0.1855
rs4731528	T	-0.0333
rs71552411	G	0.077
rs73123157	C	-0.0597
rs56264812	A	0.0545
rs62438218	C	0.0599
rs10280560	T	-0.0344
rs11978096	T	0.0563
rs11769256	T	0.0391
rs578099	C	-0.038
rs76100411	T	0.1251
rs10259308	G	-0.0287
rs6942605	A	-0.0451
rs995309	T	0.0364
rs2299184	G	0.0348
rs73451452	A	0.1157
rs11973869	C	0.1186
rs116718187	T	0.0844
rs7780837	A	-0.0288
rs34689793	A	-0.0432
rs1830342	T	0.0319
rs4496902	C	0.0354
rs7783192	T	0.0615
rs117979756	A	0.1732
rs76604945	C	-0.1116
rs11771901	T	0.0295
rs12671694	C	0.0307
rs6463267	C	0.0325
rs4720613	G	-0.0594
rs111518948	G	0.1396
rs2355782	T	0.0294

rs13224999	C	0.0693
rs150652111	A	-0.1201
rs11772610	A	-0.0331
rs34840477	C	0.128
rs12665946	C	0.0287
rs4729109	G	0.0834
rs74896221	T	0.0337
rs4128399	C	0.048
rs10256700	T	-0.0465
rs6974602	T	0.1194
rs138821010	A	-0.135
rs7809835	T	0.0573
rs117395108	G	-0.1817
rs10952517	A	0.0365
rs34262985	T	-0.092
rs1513912	A	-0.0315
rs140513756	G	-0.1091
rs117734047	A	-0.1426
rs73175001	A	-0.0371
rs13230755	A	0.0481
rs2110711	C	0.0654
rs73096418	A	0.0916
rs4557602	A	-0.0984
rs73228599	T	-0.1103
rs17772859	T	0.1099
rs66603063	A	-0.0297
rs6978206	A	-0.0539
rs117244340	G	0.2469
rs6952728	T	0.0593
rs10274901	T	-0.0792
rs62480516	T	-0.0438
rs7806674	C	-0.0309
rs10281041	C	0.031
rs4266583	C	-0.0281
rs75622856	A	-0.135
rs10253121	T	-0.0321
rs11972328	T	0.0909
rs150560724	T	-0.1694
rs73730153	T	0.1309
rs1160299	G	-0.0291
rs78491575	C	-0.2156
rs116945813	A	-0.1192
rs118186770	G	-0.2233
rs148919506	C	0.1568
rs150013081	T	-0.0849
rs57623511	A	0.0617
rs10952550	A	-0.055

rs140649869	C	-0.2469
rs10263410	A	-0.0288
rs4718603	G	0.0282
rs145020897	C	-0.2232
rs17596661	T	-0.312
rs62458613	G	0.1017
rs35793787	T	-0.0653
rs34233830	C	0.0702
rs10232413	T	0.0688
rs113106817	A	0.0743
rs118037742	G	-0.1155
rs7803608	C	-0.0599
rs143721374	A	0.0829
rs73109616	C	-0.1386
rs10245681	C	-0.0516
rs3779547	G	-0.0283
rs61245367	A	0.0405
rs117780099	A	-0.2384
rs139088319	G	0.069
rs2521315	T	-0.0314
rs7793669	T	0.0324
rs10258885	C	-0.0295
rs77508712	G	0.1673
rs62451649	A	-0.0578
rs10499344	G	-0.0433
rs11767490	A	0.0466
rs2331097	C	-0.0303
rs78174904	C	-0.1024
rs74599724	A	0.1919
rs10262173	T	-0.1123
rs78840759	C	0.0802
rs67753165	A	0.1134
rs36113918	G	-0.1256
rs1130329	C	-0.03
rs10950838	G	0.0282
rs35966180	A	0.0284
rs1347800	G	-0.0317
rs141598971	A	0.1941
rs137894083	T	0.1702
rs78597093	G	-0.1157
rs1988540	A	-0.0302
rs62469981	C	-0.0877
rs117374763	C	-0.1235
rs2941549	A	0.0328
rs11766666	T	-0.0956
rs1075907	C	0.2127
rs6955430	A	-0.0342

rs141215102	C	-0.1359
rs17146362	A	0.0433
rs17639782	G	-0.0428
rs11763677	T	-0.0693
rs139574219	C	-0.176
rs10252043	A	0.0296
rs75808529	C	0.1911
rs11763359	T	0.0696
rs2091104	C	-0.0442
rs55812329	T	-0.0516
rs11563402	T	-0.1048
rs2269972	A	0.0292
rs4947952	A	0.0379
rs143032027	G	0.0385
rs3757572	C	0.0313
rs79493584	A	0.1291
rs4732480	G	-0.0447
rs62452969	T	0.0713
rs66775024	T	-0.1104
rs11980237	A	0.1134
rs115246845	A	-0.164
rs6957747	A	0.1851
rs6462597	T	0.1753
rs34556371	A	0.0322
rs2106291	C	-0.0537
rs76004791	C	-0.2504
rs57502740	C	0.0464
rs73049077	T	0.0399
rs6971331	C	0.0382
rs57776221	T	0.1274
rs111977942	A	0.1343
rs13232076	A	-0.0825
rs10951014	T	-0.0422
rs4948030	A	0.1146
rs80104655	A	-0.0719
rs6958591	C	0.028
rs1294905	T	-0.0454
rs28402281	G	-0.0756
rs141393192	C	0.1541
rs4451238	G	-0.0287
rs146477346	A	-0.1452
rs963843	A	0.0489
rs2191701	A	0.0301
rs2267878	C	0.0325
rs149115078	G	0.1575
rs139858452	T	0.1611
rs1708416	A	-0.0334

rs35656988	T	-0.0298
rs112203743	G	-0.1924
rs2718228	C	-0.0453
rs118017659	G	-0.1567
rs55837573	A	-0.0523
rs12671918	T	0.113
rs73122291	A	-0.1222
rs6969684	T	0.0305
rs10252407	G	0.0834
rs2691382	G	0.0789
rs6958584	C	0.0312
rs17137052	T	-0.0518
rs74324174	C	-0.1377
rs7809981	T	-0.033
rs62468068	A	-0.0293
rs11521116	T	0.0397
rs7803381	T	0.0739
rs61549812	T	-0.0644
rs73144387	T	-0.1803
rs138738236	A	0.2173
rs62463000	G	-0.0695
rs78867440	T	0.1471
rs77330245	C	-0.1183
rs117944884	A	-0.1614
rs2163935	G	0.0379
rs17161326	A	0.0462
rs138210559	G	0.0856
rs73274230	G	0.0998
rs17168120	T	0.051
rs9639812	T	0.0323
rs116855266	G	-0.2054
rs145462231	G	0.1683
rs75821800	A	0.1992
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rs74779693	A	-0.1489
rs79362250	G	0.0599
rs2717772	T	-0.0305
rs62465643	T	0.0887
rs7792568	G	-0.0433
rs1799025	A	-0.0291
rs73202210	G	-0.0897
rs10234940	G	-0.0359
rs73038418	T	0.1554
rs2677041	C	-0.0827
rs146617122	G	0.1551
rs16869824	T	0.0331
rs77271252	G	-0.1903

rs17647288	A	0.073
rs79125765	A	0.1057
rs10215377	T	0.0629
rs147466112	G	0.1424
rs17669801	T	-0.1417
rs17563229	G	-0.034
rs72595980	G	-0.0656
rs6957233	T	0.0393
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rs1868359	C	-0.0308
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rs76324744	G	-0.1479
rs117764329	T	-0.0934
rs4719979	T	0.0692
rs2522220	C	0.0319
rs113161767	T	-0.0737
rs62445824	A	0.0372
rs117217126	A	-0.1865
rs142481524	G	0.2429
rs12532198	T	0.0599
rs3823765	T	-0.0458
rs6963296	T	0.0283
rs2523187	C	-0.0297
rs2018260	G	-0.1232
rs12538946	G	-0.0848
rs73232616	G	0.0553
rs2523084	G	0.0284
rs115872145	C	-0.1112
rs12670828	C	0.0773
rs4727595	G	0.0482
rs143129943	G	0.1925
rs1528683	G	-0.0491
rs10954385	C	0.034
rs956392	A	-0.0616
rs140514927	A	0.2247
rs73044691	A	-0.1898
rs114622917	G	-0.0579
rs10951404	T	-0.0303
rs10257040	C	-0.0493
rs117943789	C	-0.207
rs4629751	G	0.0333
rs3111216	G	-0.0316
rs35673917	T	-0.0633
rs75400353	A	0.1426
rs78006606	G	-0.1946
rs1358305	T	-0.0438
rs1362356	C	-0.0325

rs7798420	T	0.0274
rs5009007	G	0.0324
rs71526008	T	0.077
rs13225700	C	-0.0368
rs74477971	T	-0.163
rs1404824	T	-0.0292
rs13243058	A	0.0328
rs17674478	C	0.1185
rs6977421	T	0.0303
rs79549727	G	-0.2132
rs77823918	G	-0.0681
rs73052922	G	-0.1083
rs10242186	G	-0.0296
rs34251381	T	0.0327
rs12705121	T	0.0372
rs117349485	A	0.0877
rs6973468	T	-0.0366
rs77162285	A	0.0922
rs113050156	A	0.1682
rs112749609	T	0.0828
rs6967551	T	0.0328
rs849910	A	-0.037
rs118150939	T	-0.0759
rs75686544	A	-0.0614
rs76173039	A	0.0731
rs55986120	A	0.0917
rs6963155	A	0.1388
rs61747545	A	0.0961
rs855909	A	-0.0693
rs701323	C	0.0321
rs74615319	A	0.1195
rs117611172	C	0.118
rs562467	G	0.0523
rs2677083	G	0.0785
rs118112940	G	-0.1298
rs111725152	C	0.2132
rs3808030	G	0.0772
rs112567934	T	-0.1163
rs61328023	T	0.135
rs2465786	G	0.0307
rs7804701	T	0.0818
rs10276962	T	0.0495
rs117529768	A	-0.1956
rs61146810	C	0.0316
rs7808135	A	0.0449
rs57749831	A	-0.0353
rs111792703	T	0.0292

rs73479737	A	0.0668
rs2731549	A	-0.0319
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rs4409303	T	-0.0341
rs151174370	A	-0.2185
rs10251209	G	0.0404
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rs38888	G	-0.0361
rs79172360	A	-0.0855
rs117755034	C	-0.1704
rs9639594	A	0.0391
rs117024451	C	0.1228
rs9638581	A	-0.0494
rs10253857	T	-0.0336
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rs6959765	C	-0.0276
rs118062414	T	0.0848
rs113388134	A	-0.1059
rs73109207	G	0.0755
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rs2528825	A	-0.0839
rs117715922	G	0.0642
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rs34001382	T	-0.2044
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rs77020101	C	-0.1192
rs56037855	A	0.1243
rs73156733	G	0.0631
rs141869974	A	-0.1885
rs116212434	T	0.1057
rs75897700	G	-0.1606
rs75213674	T	-0.196
rs12530797	C	0.028
rs39048	T	-0.0406
rs113979934	T	0.1064
rs6971173	G	0.0357
rs10487403	A	0.1018
rs73121627	A	-0.0911
rs10235949	A	-0.072
rs56395840	G	-0.1058
rs137891434	A	0.1694
rs73168279	A	0.1134
rs17165396	A	-0.0748

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rs6459794	G	-0.0413
rs6973839	T	-0.1418
rs77649879	T	0.0372
rs73497204	T	0.1409
rs61742328	G	0.1297
rs4732250	A	-0.0823
rs968917	G	-0.0296
rs17645224	T	0.0292
rs73148903	T	0.1836
rs62447490	G	0.1035
rs55687362	G	-0.0382
rs10226156	G	0.028
rs77657145	C	-0.0436
rs62453192	T	0.1082
rs62439353	T	-0.0797
rs34146604	A	-0.0571
rs740182	T	-0.0281
rs150490009	C	0.1294
rs72601714	C	0.0402
rs141576690	T	0.1406
rs2396722	C	-0.0282
rs6969978	T	0.0397
rs117854808	C	-0.1935
rs60811897	T	0.0689
rs73185918	A	0.0477
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rs78336250	A	-0.1092
rs34618925	C	0.0709
rs181079	G	0.0387
rs474039	T	-0.0418
rs13307200	A	-0.03
rs113297525	C	0.0703
rs150184023	G	0.17
rs62482210	G	0.0407
rs61742185	T	-0.1643
rs4727331	C	-0.0995
rs144701976	C	0.1668
rs17220132	T	0.1854
rs11763272	A	-0.0586
rs13227618	T	-0.1015
rs3863239	T	0.0588
rs17756941	G	0.0319
rs765939	C	0.0313
rs62489164	G	-0.1158
rs1882599	G	0.0368
rs139777336	G	0.1173

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rs42953	G	0.0282
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rs143364347	A	-0.188
rs62446953	T	-0.0421
rs71524097	T	0.0766
rs3914125	G	0.0407
rs148144412	T	-0.1147
rs74840326	G	-0.0937
rs6942916	A	0.0599
rs116941370	A	0.1734
rs11768549	T	-0.1517
rs150582792	T	0.1214
rs117851548	C	-0.1939
rs12530731	A	0.038
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rs10486524	G	0.0331
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rs12056245	C	-0.0641
rs77110976	C	-0.0335
rs4716919	C	0.0837
rs2158513	T	0.0525
rs12704849	T	-0.0438
rs10224153	T	-0.046
rs17618654	C	-0.0905
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rs144324170	A	0.2246
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rs75436973	T	-0.1544
rs4446624	C	0.0355
rs12707641	T	-0.0696
rs116850860	C	0.1386
rs149899296	T	-0.0729
rs17197589	C	0.1084
rs799958	A	0.0308
rs1601036	G	-0.0761
rs73155656	G	-0.0977
rs142466716	A	-0.1936
rs4427095	C	0.0575
rs78166147	C	0.1172
rs76012587	T	-0.0907

rs116175184	C	-0.1612
rs4716922	C	-0.0926
rs79175142	T	0.0719
rs939910	G	-0.0299
rs78890254	A	-0.1102
rs34635172	A	-0.1524
rs17683112	A	-0.0931
rs6960410	C	-0.0281
rs6461179	G	0.0376
rs12536329	G	0.0278
rs3801222	G	0.0272
rs6461814	A	-0.0269
rs76335499	T	-0.0466
rs11773726	T	-0.035
rs7783497	A	-0.0391
rs75869462	G	-0.0456
rs12532626	C	-0.0498
rs145859757	C	-0.1969
rs79143117	A	-0.096
rs2160024	T	0.0761
rs17170356	G	0.0864
rs71540773	C	-0.045
rs2108717	A	-0.0455
rs12669498	C	0.0398
rs1133058	T	0.1339
rs62456350	A	-0.0289
rs12540795	A	-0.0338
rs76049150	G	0.1661
rs143793465	G	0.0949
rs138834086	C	0.1378
rs73044672	G	0.2192
rs62456112	G	0.1927
rs11973716	G	-0.0487
rs11531619	G	-0.1816
rs17158805	T	0.1156
rs74461811	A	-0.1748
rs74994201	G	-0.1337
rs79614365	A	-0.1011
rs6956302	T	0.027
rs6461877	G	-0.0782
rs2390659	C	0.0439
rs73219085	A	-0.1747
rs12540293	T	-0.1373
rs73094807	C	0.0637
rs6953064	G	0.0704
rs80330776	A	-0.1727
rs7798692	A	-0.0288

rs12705281	A	0.1431
rs73210758	G	-0.1489
rs2718132	T	-0.0552
rs118137586	A	0.2082
rs74902059	T	-0.0905
rs73048779	C	-0.2441
rs138081433	T	-0.131
rs111492056	T	0.0478
rs113723896	C	-0.1616
rs62470909	C	0.0729
rs10244748	C	0.0514
rs196631	A	0.0402
rs62473341	C	0.0429
rs6978995	T	-0.0444
rs56245619	A	-0.0706
rs74410974	C	-0.1888
rs896783	A	-0.0391
rs139421056	T	0.1674
rs117064592	G	0.0956
rs9649304	T	0.048
rs13240854	C	-0.0276
rs17805585	T	0.0313
rs143372159	G	-0.1295
rs12703157	C	0.0687
rs12533035	A	-0.0816
rs1722883	C	0.0277
rs80281559	G	0.2336
rs10223914	A	0.0492
rs60271634	C	-0.0463
rs757035	T	0.168
rs41789	T	-0.0282
rs10276609	T	0.0389
rs143060651	T	-0.1064
rs10487320	T	0.0282
rs117793761	A	-0.1588
rs13438138	C	0.1608
rs7458089	G	-0.0553
rs55747191	C	-0.0452
rs1472210	C	-0.0273
rs75821488	T	-0.0415
rs11975640	T	-0.0297
rs12671881	C	-0.0284
rs1012151	G	0.0283
rs17328122	C	0.1151
rs76107914	G	-0.1172
rs143805115	A	0.1363
rs78204407	G	-0.0846

rs2727479	A	0.0335
rs10263151	C	-0.0292
rs74915240	T	-0.2
rs73690020	A	0.0582
rs2527536	T	-0.0991
rs28369212	G	0.0563
rs142450156	T	0.17
rs17805757	A	0.0454
rs74881133	A	0.1692
rs471303	G	-0.0469
rs10243335	A	0.0354
rs76023764	A	-0.1556
rs76770917	C	0.105
rs111844273	A	0.1594
rs144855951	C	0.1508
rs1882086	C	-0.0318
rs73082009	A	0.0527
rs79260156	T	0.0924
rs75030973	A	-0.0745
rs78315112	C	0.1259
rs10258977	A	-0.1992
rs73032334	A	0.1105
rs28520755	A	-0.0615
rs10259239	C	0.1157
rs3778829	G	-0.0284
rs55968636	T	0.0289
rs6968311	T	0.0286
rs117760646	A	0.1301
rs145724947	T	-0.2152
rs6952197	C	-0.0304
rs9691148	C	-0.0277
rs35949935	G	-0.042
rs118068608	T	0.1208
rs78193445	C	0.086
rs13224218	C	0.1527
rs10280848	T	0.0283
rs117773753	A	0.1642
rs7805367	C	-0.0302
rs143019999	G	0.1424
rs37071	C	-0.0315
rs1230423	C	-0.0421
rs6466873	T	0.0298
rs10234808	T	0.0279
rs2163509	A	0.0482
rs77419057	G	0.1166
rs76776296	G	0.0877
rs7795607	C	-0.0287

rs6465639	A	-0.0361
rs917716	A	0.0344
rs6459693	C	-0.039
rs2022230	G	0.0297
rs112459898	A	-0.1162
rs11763694	C	-0.0368
rs17347338	C	0.0992
rs10950817	G	0.0565
rs73090089	T	0.1124
rs846429	A	-0.0275
rs75061547	C	-0.0814
rs116858253	C	-0.1083
rs75374517	A	0.155
rs75704780	C	-0.2559
rs30583	G	0.0377
rs10249228	G	-0.1161
rs2069441	T	0.1215
rs76658110	G	0.0737
rs77423355	G	-0.0833
rs57819574	C	-0.0387
rs149942998	T	0.1564
rs4342489	T	-0.0281
rs67079113	G	-0.1132
rs11973267	A	-0.0309
rs146257014	C	0.166
rs10280448	T	-0.1638
rs34301839	C	0.0448
rs79151381	T	-0.1089
rs73193850	A	-0.1362
rs141371155	A	0.1887
rs143817006	A	0.2174
rs147811487	G	-0.1739
rs62464627	T	0.1568
rs73115375	T	-0.0477
rs112769043	C	0.0865
rs117770379	T	0.0984
rs10229557	A	0.0284
rs61444512	G	0.0384
rs61180243	G	0.062
rs7384424	A	-0.0537
rs149219430	T	0.09
rs2709772	G	0.1374
rs10251493	T	0.0427
rs17862316	G	0.1045
rs78092358	A	0.1396
rs141347515	A	-0.1572
rs113134543	C	0.2191

rs11771713	C	-0.0782
rs798312	A	0.0368
rs62450816	A	0.0333
rs3109114	T	-0.0387
rs139229172	A	0.142
rs4730499	A	0.0376
rs1485002	C	-0.0322
rs66656487	G	0.0312
rs344473	G	-0.0416
rs117417893	G	0.159
rs12533226	A	0.0366
rs6466603	G	0.0326
rs10237919	A	-0.0532
rs7783203	G	-0.0279
rs78628967	T	-0.1113
rs2005697	C	-0.0345
rs77519280	C	0.1158
rs35067516	T	-0.0325
rs4730134	T	0.0524
rs77839215	T	0.0667
rs80218044	T	0.1088
rs77398712	A	-0.1161
rs16873123	C	0.0323
rs118093266	A	0.2024
rs140299180	A	0.1157
rs17663622	A	-0.0328
rs4329187	T	-0.0268
rs4727757	T	-0.0696
rs35552268	A	0.0846
rs6948733	G	0.078
rs78880961	T	-0.0886
rs6467404	A	-0.0586
rs117773972	T	0.1041
rs112425367	A	-0.0733
rs2960258	A	-0.037
rs141841947	T	-0.0937
rs59464694	T	0.1299
rs118101814	A	0.0991
rs1524599	G	-0.0265
rs146409284	A	-0.108
rs10278743	A	-0.0328
rs77854248	G	0.0668
rs17166216	C	0.0666
rs36017655	C	0.0426
rs80013344	G	-0.0416
rs28542988	A	0.0569
rs17522339	T	0.1422

rs35535941	T	-0.0289
rs6955606	T	-0.0562
rs77529569	C	0.0493
rs10232428	C	0.07
rs7800055	A	-0.0502
rs13236410	A	0.0301
rs2691591	G	-0.0809
rs690702	C	0.035
rs79780633	G	0.1118
rs62441392	C	0.0908
rs2687480	C	0.0266
rs118035296	G	0.183
rs1637310	A	-0.0333
rs146328643	T	0.0902
rs118166162	T	-0.1902
rs4527779	C	-0.1028
rs73134458	A	-0.1794
rs76149623	C	0.0569
rs58736800	G	0.0325
rs10261146	G	0.027
rs10253593	T	-0.0446
rs11770852	T	-0.0491
rs2001817	A	0.0284
rs12540532	T	0.073
rs79323414	T	-0.118
rs117155707	T	-0.177
rs12706544	C	-0.0314
rs17637915	G	0.0572
rs6956539	C	0.0658
rs730364	T	-0.0531
rs79093981	T	-0.2209
rs1638201	A	0.0514
rs117140681	T	0.0631
rs2030947	C	0.043
rs6969888	A	0.0511
rs4626515	C	-0.0417
rs3778995	C	0.0456
rs3735502	C	0.0309
rs150094062	C	0.1024
rs77008163	T	0.0724
rs11772035	A	0.0436
rs105347	T	-0.0318
rs13437999	C	-0.0278
rs6963264	C	-0.0321
rs850361	T	-0.0303
rs140008460	G	-0.0811
rs12532251	G	0.0426

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rs1357550	C	0.0402
rs76363137	T	-0.127
rs34699890	A	0.0305
rs10952749	G	-0.0275
rs62461470	G	-0.1553
rs79017130	T	-0.1763
rs118168713	C	-0.1027
rs117658107	G	-0.1091
rs117890863	G	-0.093
rs145847285	T	-0.1263
rs10225218	G	0.0263
rs10232809	C	-0.0443
rs2520602	T	0.0904
rs62435333	T	0.0329
rs73220280	T	-0.1251
rs6964410	G	-0.0633
rs62439465	A	-0.097
rs117255613	A	0.1429
rs6969904	C	-0.027
rs118173496	A	0.1827
rs2523018	T	0.039
rs73708748	T	-0.0302
rs144441993	C	0.1043
rs117879402	C	0.1294
rs62451700	C	-0.0467
rs79628046	C	0.1417
rs1285466	G	0.0787
rs974583	A	-0.0333
rs17164003	G	0.1458
rs13233838	A	0.1421
rs7788194	A	0.0429
rs11763653	A	0.1209
rs75756499	C	0.2033
rs117667731	T	-0.2066
rs115980385	T	0.1734
rs35846618	T	-0.0446
rs6464471	G	-0.027
rs217517	A	0.0341
rs17667062	G	0.0321
rs13247109	C	0.0594
rs138392184	T	-0.0653
rs6953971	C	0.05
rs12113525	A	-0.0474
rs74794332	T	0.1095
rs12216706	C	-0.0291
rs4348407	G	-0.0352

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rs141664396	A	-0.1572
rs6467607	T	-0.0453
rs34587888	A	0.1306
rs79203460	G	-0.1238
rs17155659	G	0.0315
rs2350179	G	0.0272
rs80120558	G	0.094
rs116736013	A	0.1054
rs1526561	C	0.0293
rs117513979	C	-0.2491
rs11761519	T	-0.0984
rs4140913	A	0.0346
rs59229896	G	0.0992
rs939962	G	0.0839
rs73360756	T	-0.0352
rs6948398	C	0.0275
rs6464655	T	0.0262
rs35724228	C	0.0417
rs115091985	T	-0.0834
rs6952125	T	-0.0274
rs73097683	T	0.0428
rs6952589	T	-0.0272
rs17136588	G	-0.0512
rs245990	T	-0.0457
rs17604552	A	-0.0382
rs76143034	T	0.0801
rs78002901	G	0.1679
rs3801214	C	-0.0401
rs6954065	T	-0.0274
rs34979958	T	0.0459
rs6461556	G	0.0263
rs1560956	T	0.0747
rs113074612	C	0.0588
rs4609107	G	-0.031
rs74318842	C	-0.1049
rs117587325	C	-0.0918
rs77531420	A	-0.1049
rs75247887	T	0.1788
rs11760933	C	0.0398
rs117204291	T	0.1415
rs2350782	C	0.0455
rs6460068	T	-0.0272
rs56313117	A	-0.1462
rs78353391	A	0.1007
rs34984609	T	0.0494
rs17330828	T	0.0867

rs10277344	A	-0.0426
rs13310795	C	0.0385
rs142766181	C	-0.1095
rs62441366	T	0.0669
rs73203236	G	-0.0799
rs11771659	A	-0.2028
rs141097646	C	-0.1695
rs12540374	T	-0.0332
rs6461109	C	0.0421
rs111835936	C	0.0807
rs6961285	C	-0.0272
rs76943653	G	0.1481
rs76016942	T	0.1246
rs11977883	T	0.0296
rs321188	G	0.2376
rs73156745	T	0.1149
rs117556793	C	-0.1083
rs143149138	T	0.0929
rs78841803	T	-0.15
rs146515155	T	0.1893
rs59727186	A	0.0471
rs117576120	T	0.0993
rs112854948	A	-0.1106
rs141019679	T	0.2307
rs6969783	A	0.0269
rs62477026	A	0.1425
rs77562410	G	-0.1119
rs141579069	G	-0.1004
rs112359376	A	-0.0304
rs77798417	C	0.0856
rs35520130	G	0.0354
rs1636167	G	-0.0293
rs177678	A	0.0305
rs7792652	A	0.0278
rs17168354	T	0.0367
rs80147874	T	-0.0564
rs147270136	A	-0.1974
rs758988	A	-0.0367
rs78257684	A	0.1098
rs13235210	T	-0.0276
rs141662455	C	0.0961
rs4727383	G	0.0586
rs10225252	G	0.0461
rs67253715	C	0.0429
rs146106831	T	0.1468
rs58773168	A	0.0748
rs116862102	T	-0.1936

rs74201524	G	0.0411
rs11771608	C	0.0845
rs17334667	G	-0.0642
rs1014110	C	0.0298
rs11764733	C	-0.037
rs117555102	C	-0.1523
rs197343	T	-0.1427
rs114192792	T	0.1447
rs73065755	T	-0.1078
rs38599	G	0.0458
rs3829001	T	0.0322
rs41428650	T	-0.0776
rs2356878	A	-0.0279
rs4722470	A	-0.0297
rs117865143	T	-0.0957
rs17156522	T	0.0651
rs6951474	T	0.0596
rs4723443	A	0.2241
rs62459447	T	0.1271
rs12532519	A	0.0333
rs149872295	C	0.1633
rs6974404	T	-0.0511
rs117914483	C	0.0879
rs73113022	A	-0.0537
rs17153477	A	0.0315
rs4500035	A	0.1308
rs117891460	G	0.1083
rs10232000	C	-0.0335
rs1436812	T	-0.0477
rs79789350	T	0.1122
rs2971676	A	-0.051
rs10280706	A	0.1318
rs73102380	A	-0.0548
rs79981024	C	0.0416
rs12534220	C	-0.0765
rs2528466	G	0.0362
rs78627460	C	-0.0667
rs756668	A	-0.0261
rs4917011	T	0.0335
rs117369930	A	-0.1609
rs17862212	A	0.1199
rs62481937	G	0.076
rs144280649	T	0.1455
rs117294037	T	-0.148
rs144635172	T	-0.126
rs2464921	G	0.0331
rs855738	A	0.0288

rs3814474	T	-0.0487
rs142857936	T	0.173
rs76060199	G	0.1617
rs76522008	A	0.1659
rs146859695	T	0.0398
rs11978796	C	-0.039
rs117830687	A	0.0929
rs6949729	T	0.0844
rs78692823	A	0.149
rs6951501	C	-0.0268
rs2885959	T	0.0968
rs117698881	A	-0.2733
rs12538529	C	0.032
rs3862849	A	-0.0307
rs74708492	C	0.122
rs60202974	T	0.0834
rs117780162	A	-0.0281
rs6946822	T	-0.0268
rs29465	T	-0.0272
rs10271601	T	-0.0421
rs117286316	G	-0.2157
rs57190024	T	0.1294
rs41488846	G	0.0339
rs10487881	A	0.0305
rs17168516	G	-0.0315
rs2880161	C	-0.0363
rs77631966	C	-0.046
rs117201869	A	-0.1617
rs117480496	A	-0.0761
rs917244	G	0.0354
rs55956125	G	-0.0317
rs139694065	A	-0.2049
rs56287355	T	-0.0419
rs28495309	A	0.0319
rs17867847	T	0.1313
rs117870580	G	-0.1332
rs148176125	T	-0.0659
rs74223516	A	0.1538
rs17162597	A	-0.042
rs145538823	A	-0.1451
rs111305498	G	-0.1365
rs12534100	A	-0.0428
rs145346516	A	-0.0954
rs1476881	T	-0.1524
rs150187675	T	-0.168
rs111685565	G	-0.1055
rs1961330	C	0.0311

rs10261428	G	0.0529
rs2465073	G	0.0286
rs7808422	G	-0.1078
rs566595	C	0.0377
rs10258368	C	0.0493
rs10281278	G	0.0293
rs144714401	T	0.1133
rs76733282	A	-0.0655
rs34448698	T	0.0557
rs608271	A	0.0394
rs78467163	T	0.0704
rs1525682	T	-0.028
rs1376529	T	0.0276
rs113795926	G	-0.141
rs79781035	G	0.08
rs11981751	C	0.0394
rs149442388	G	-0.2197
rs12666580	A	-0.0402
rs147724156	T	-0.1003
rs2303364	C	-0.0687
rs12670991	A	0.0308
rs11979341	G	-0.0356
rs79840503	C	-0.0782
rs145359047	G	-0.1501
rs73149049	T	0.1362
rs11773885	T	-0.0346
rs4722141	A	0.1204
rs2375048	T	0.0271
rs113446599	T	-0.1197
rs73155788	A	-0.1837
rs10271614	T	-0.0551
rs147193234	T	0.0992
rs515906	T	-0.0292
rs141480543	G	-0.138
rs17209408	T	-0.2055
rs60648807	A	0.0297
rs10272257	C	-0.0328
rs140990971	A	0.1317
rs1859478	A	-0.0308
rs74335752	A	0.1449
rs139990708	A	-0.2214
rs148677083	T	-0.1659
rs6974545	A	-0.0715
rs6956423	T	0.027
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rs77170981	A	-0.0703
rs117219096	G	0.1655

rs2528407	T	-0.0754
rs117668655	C	-0.146
rs740819	A	-0.0608
rs62463899	C	-0.318
rs12671068	T	-0.0877
rs62479578	C	-0.0263
rs7805700	C	0.029
rs10230324	A	-0.0953
rs138708443	T	0.1363
rs400218	A	-0.0266
rs12532316	T	-0.0273
rs28381946	G	-0.0885
rs2526407	A	-0.0928
rs10435125	G	-0.0321
rs1012796	G	-0.0487
rs150082036	T	0.1403
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rs142007861	A	-0.0792
rs17691802	G	-0.074
rs388121	A	0.0368
rs7805466	A	-0.0347
rs10951005	T	-0.0301
rs116871569	T	-0.0733
rs1807980	A	-0.0438
rs112903241	T	-0.1301
rs13235065	C	0.0305
rs140612158	A	0.0785
rs10249070	C	-0.0568
rs80006387	G	-0.0982
rs137973464	T	0.1707
rs62481256	T	0.0526
rs57900069	T	0.0582
rs76747084	C	0.0662
rs10429091	T	-0.0367
rs62445957	C	0.0365
rs1863039	C	-0.0525
rs146877416	A	0.1397
rs117102651	A	-0.0804
rs3757441	C	0.0306
rs149438483	T	-0.2071
rs1858782	T	0.0381
rs9632698	T	-0.036
rs2008582	T	-0.0302
rs75019655	A	0.0801
rs77157479	T	0.1112
rs77990080	C	0.0667

rs78742318	G	0.1754
rs76587338	G	-0.0852
rs10954317	T	0.0265
rs7803701	A	-0.0287
rs10223928	T	0.0346
rs117784940	G	0.2054
rs151015197	G	-0.134
rs73184244	T	-0.0846
rs146195722	G	0.1443
rs880285	T	-0.0515
rs13223102	G	-0.1903
rs71536900	C	0.2471
rs10236056	A	0.0897
rs10245219	A	0.0398
rs11766427	A	0.0386
rs2598405	A	0.0502
rs2540346	C	-0.0416
rs10282508	G	0.0625
rs113311333	A	0.1315
rs145370039	A	-0.1547
rs4717468	C	0.0562
rs73465029	C	0.0339
rs41487549	G	-0.0733
rs11763616	A	0.0481
rs145943681	T	-0.1029
rs2527863	C	0.0585
rs77116508	A	-0.0824
rs62469034	T	0.0978
rs151095847	T	-0.1621
rs12703547	T	-0.0322
rs117851490	A	0.0672
rs71534697	T	-0.0823
rs143168942	T	0.1307
rs62498268	G	-0.154
rs4725431	C	-0.0396
rs73071947	T	-0.1218
rs6951439	A	0.0254
rs1636181	G	-0.0296
rs112204799	G	-0.0965
rs117146664	C	-0.128
rs117302151	C	-0.1345
rs73170221	C	0.0571
rs960343	C	0.0274
rs6950755	C	0.0341
rs9638053	A	-0.0672
rs56199110	C	-0.0539
rs7806531	T	-0.0266

rs757390	C	0.0263
rs10225040	T	-0.089
rs148235734	G	0.0976
rs221113	A	0.0878
rs116891891	T	0.148
rs28379415	C	0.129
rs77514279	C	0.1123
rs77729114	C	-0.113
rs308095	A	-0.0692
rs1525506	C	0.0372
rs4726614	T	-0.036
rs149193000	G	-0.1747
rs117281098	C	0.0598
rs71563649	A	-0.0378
rs144583776	C	-0.2004
rs2253729	C	-0.0298
rs12535753	T	-0.0533
rs76256415	G	-0.1403
rs10241886	T	0.0374
rs7784931	A	-0.0281
rs2677031	C	0.042
rs117192518	G	0.1044
rs118036388	T	0.1137
rs78664098	A	0.172
rs10237324	A	-0.04
rs1681289	A	0.0414
rs10250329	C	-0.0279
rs116869549	T	-0.1651
rs142653616	A	-0.1334
rs141254853	T	0.1574
rs144653339	A	0.0541
rs73410456	A	-0.0286
rs17863184	G	0.1881
rs75090216	T	0.1884
rs197370	G	-0.0309
rs10277089	A	-0.0439
rs42178	G	0.0861
rs17170936	A	0.0376
rs149788966	A	-0.1228
rs17714364	A	0.129
rs1637078	G	-0.086
rs6945809	T	-0.0539
rs12666214	C	0.0587
rs7805271	C	0.0506
rs117480627	T	0.1131
rs146740708	G	-0.0399
rs74880847	G	0.1012

rs6950290	G	0.0287
rs141990565	T	-0.1367
rs852483	C	0.0339
rs145654239	A	0.0808
rs75507582	A	0.1101
rs73090794	C	-0.1118
rs12670187	A	-0.0459
rs2267693	G	0.0693
rs10282314	T	-0.0729
rs6950076	T	0.031
rs2456948	G	-0.0383
rs10951516	A	-0.0275
rs56332325	A	0.166
rs78790885	T	0.1711
rs11766140	G	-0.0265
rs117056557	T	0.1268
rs17545060	C	0.0307
rs62455497	A	0.0344
rs17488042	G	-0.066
rs2908004	A	0.0259
rs6957290	A	0.0301
rs60310885	C	-0.0461
rs6944365	A	-0.1708
rs11762846	G	0.0283
rs2237571	G	0.2231
rs73724504	G	0.1109
rs12666834	A	-0.0411
rs11973308	C	0.063
rs12540071	G	-0.0266
rs71524242	G	-0.0891
rs76425524	C	0.0627
rs73226645	T	-0.0852
rs11773652	C	0.0264
rs9791719	G	-0.0277
rs117740899	C	0.1064
rs7293529	T	0.0424
rs117183463	T	0.1173
rs17622128	A	0.0849
rs2073974	T	0.0263
rs73210806	A	0.0943
rs149270955	G	0.1187
rs10277608	C	-0.0449
rs59153727	C	-0.0428
rs11465315	T	-0.0381
rs73196937	G	0.1608
rs2734657	T	-0.0321
rs75128707	T	-0.1086

rs2074999	C	0.0345
rs117919356	A	0.1215
rs58828027	C	0.1351
rs12536551	A	0.027
rs2021265	T	0.0279
rs62444695	C	-0.0489
rs139454890	T	-0.1217
rs757714	C	0.0293
rs118098206	A	0.1091
rs73166403	T	-0.0727
rs33956262	A	-0.0534
rs61465601	C	0.0969
rs73160965	T	-0.0925
rs116956474	C	-0.0763
rs146118865	T	-0.2421
rs1419838	C	0.0618
rs62443552	A	0.1158
rs79509283	T	-0.0607
rs149434125	T	0.0787
rs7384984	A	-0.0446
rs75964345	C	-0.0922
rs62452756	C	-0.1118
rs62478781	G	0.0822
rs75321463	T	-0.0604
rs11972890	T	-0.0388
rs117063287	A	0.151
rs117054218	G	-0.0934
rs80066123	C	0.1199
rs28521430	G	-0.0267
rs74521593	A	-0.122
rs36041265	A	-0.1167
rs73433740	G	0.0927
rs11981374	C	0.0914
rs150296482	G	0.1085
rs719313	G	-0.0359
rs79934275	G	0.0954
rs117922259	G	-0.2098
rs118174386	A	0.1227
rs6461959	A	0.0399
rs113205553	T	-0.1244
rs74393538	G	0.1256
rs145589702	C	0.1136
rs193961	C	-0.1149
rs67656175	G	0.027
rs117893708	G	0.199
rs12673837	G	0.0288
rs73380035	A	-0.0314

rs10277546	T	0.0334
rs1722504	T	0.0838
rs77075634	G	0.0617
rs117768024	C	-0.2768
rs7809386	T	0.1024
rs10272052	T	0.0744
rs117590717	T	0.1247
rs1554638	T	0.2673
rs2392015	T	-0.031
rs7806156	A	-0.0269
rs9655758	G	0.1035
rs73216120	T	-0.1213
rs3757514	T	0.0473
rs11770658	G	0.0258
rs2367091	A	-0.0407
rs142222622	G	-0.1033
rs117526048	T	0.1417
rs77242122	T	0.1736
rs193842	C	0.0354
rs78479792	C	-0.0583
rs6944493	T	-0.0463
rs67909848	T	-0.0661
rs10954240	T	-0.0282
rs1357307	C	0.0258
rs76349746	G	0.0834
rs12530640	C	-0.0345
rs11761701	A	0.0487
rs4452707	T	0.0461
rs7791589	G	0.0252
rs74674432	G	-0.1315
rs117995816	C	-0.1318
rs10950954	G	-0.03
rs117067519	T	0.201
rs74916317	T	-0.1016
rs73114531	G	0.2171
rs6956800	C	-0.0352
rs79870708	G	0.1259
rs144807808	A	0.138
rs12538191	A	0.0567
rs28454335	C	0.0279
rs145762889	T	-0.1792
rs62472104	A	-0.0476
rs140739258	C	-0.1453
rs11563971	C	0.0311
rs62459959	T	0.0786
rs78806568	C	0.1102
rs12668172	C	-0.0262

rs1559971	C	-0.0282
rs78938412	A	0.0779
rs10238945	C	0.0424
rs13246232	G	0.0265
rs73714617	A	0.1035
rs62448299	A	-0.1102
rs11972195	A	0.0609
rs13239463	G	-0.026
rs73117959	T	-0.0818
rs6980213	C	-0.0354
rs6949398	A	0.0769
rs4723900	A	0.0379
rs73187466	T	0.2155
rs6969411	C	-0.0465
rs10261298	C	0.0567
rs17158079	C	-0.0626
rs78640831	G	-0.0461
rs4723742	C	0.0279
rs117685634	C	0.1182
rs12704475	T	0.0338
rs141456801	C	0.1604
rs59097327	G	-0.0746
rs6969424	C	0.0393
rs78963798	A	-0.1939
rs6964466	A	-0.0279
rs117920942	A	0.1442
rs117570434	A	-0.1369
rs34221172	T	0.095
rs111761363	T	0.1218
rs7780107	T	0.0607
rs75303257	C	-0.0694
rs150937332	T	-0.2453
rs28549749	C	0.0334
rs36026452	T	-0.0352
rs75334230	C	-0.1713
rs17462032	A	0.0827
rs6965641	T	-0.0781
rs7811959	C	-0.0424
rs28731427	A	-0.0375
rs117241806	A	0.0893
rs1011605	T	-0.0252
rs723300	A	-0.0253
rs34258792	A	-0.0424
rs2159696	A	0.0415
rs78006708	G	-0.0992
rs62479577	T	0.0469
rs13239615	A	0.0256

rs73700670	C	0.12
rs3960541	T	-0.0464
rs11560388	A	0.0386
rs73044225	G	0.1069
rs6953591	G	-0.153
rs1965532	G	-0.0284
rs79855481	A	0.0871
rs6459714	A	-0.0546
rs76571239	T	-0.2278
rs79988172	T	-0.2271
rs56252016	C	-0.0489
rs9282564	C	0.0464
rs17863948	A	-0.159
rs35877682	T	-0.0671
rs146549199	C	0.2162
rs4573153	G	-0.0275
rs1179600	C	-0.0309
rs73175497	C	0.1612
rs7783026	A	0.0263
rs445	T	0.0416
rs6955882	T	-0.0935
rs4722112	C	-0.0253
rs112637800	A	-0.0998
rs145179551	T	-0.071
rs7800918	T	-0.0382
rs117538764	T	0.1172
rs10273455	C	0.0251
rs2252579	C	-0.0266
rs6957405	C	-0.042
rs62473918	A	0.1298
rs1880734	C	0.0459
rs112788967	A	-0.0521
rs35414502	C	0.0787
rs34823146	G	-0.1008
rs12539793	T	-0.0487
rs2140768	G	0.0332
rs116979358	T	0.1574
rs10435093	T	-0.0332
rs75929607	C	0.067
rs73092427	G	0.1295
rs76578643	A	0.0449
rs116942496	A	-0.1402
rs73163226	T	0.0825
rs80157225	A	0.1177
rs75864611	A	-0.1915
rs3823743	A	0.0853
rs12668466	T	0.0344

rs34169847	C	-0.0315
rs361445	A	-0.0384
rs79124100	T	0.1989
rs35353621	G	-0.0323
rs117831912	C	-0.1716
rs117498252	G	0.1067
rs2930329	T	-0.0427
rs7810509	C	-0.0256
rs111647436	A	0.0833
rs10231459	G	0.0316
rs78193156	T	0.0527
rs16475	G	-0.0482
rs116939442	T	0.1545
rs13240558	A	0.0563
rs6974748	C	-0.0573
rs2906310	C	0.0299
rs10227837	G	0.1464
rs73387942	A	-0.08
rs141875313	G	-0.1895
rs1012811	C	-0.0296
rs144331716	C	0.1236
rs10265564	A	0.09
rs111508898	G	-0.0293
rs74481931	A	0.0431
rs12112376	T	0.0704
rs62478981	G	-0.049
rs73715906	G	0.1005
rs112538802	C	0.0612
rs1611919	C	0.1669
rs2711006	T	0.0274
rs35677104	T	0.1239
rs9791577	T	0.0628
rs10226817	G	0.0541
rs17647913	A	-0.0341
rs73101611	C	-0.1105
rs730727	C	-0.0256
rs114158961	T	0.0823
rs17338703	A	-0.0777
rs17665172	A	0.0994
rs80253370	C	0.082
rs9969220	G	-0.0276
rs2471918	T	-0.0284
rs10264093	T	-0.036
rs57920196	G	0.1024
rs643569	T	0.1075
rs13228368	T	-0.0931
rs139486315	G	0.2077

rs79082503	A	0.0766
rs7807085	T	-0.0429
rs39333	C	0.0323
rs1544733	C	0.033
rs1031273	G	-0.0285
rs60324668	T	0.0634
rs10269478	G	0.0545
rs148377045	C	0.1348
rs60502652	T	-0.0906
rs10235257	C	0.0372
rs55871833	A	-0.104
rs2390555	A	-0.0464
rs56298557	T	-0.0547
rs1357315	A	-0.031
rs117532936	C	0.1251
rs76837778	G	0.0538
rs17171572	G	0.0697
rs35456446	T	0.0631
rs147614397	G	0.1414
rs4720605	C	-0.0254
rs62466701	C	0.1007
rs73688195	C	-0.0501
rs1833180	T	0.0676
rs79984270	A	-0.1036
rs144278319	C	-0.1146
rs74793891	T	-0.1161
rs80089068	C	-0.1186
rs73287115	A	0.068
rs12667020	C	-0.0257
rs148140007	G	0.1146
rs117937578	G	0.0973
rs9640467	C	0.0318
rs4719930	G	0.0344
rs4960563	T	0.0286
rs13245146	G	0.0258
rs79842123	G	0.1751
rs11772805	C	-0.0382
rs6968980	A	-0.0332
rs117931501	T	0.0764
rs143946550	G	-0.06
rs144854755	T	0.1319
rs143467327	T	0.1473
rs6462986	A	-0.0514
rs67355497	C	-0.0411
rs205756	T	0.034
rs146706277	T	-0.0519
rs6464802	T	-0.0264

rs12673829	G	0.0388
rs11761624	T	-0.0293
rs2302480	A	0.0339
rs11773617	A	-0.0305
rs77709911	C	0.0494
rs73109714	G	-0.1695
rs917880	C	-0.0361
rs73163412	G	-0.0698
rs6975879	G	0.0256
rs215718	T	-0.0937
rs10266243	T	0.036
rs4718814	T	-0.0662
rs56344545	T	0.0289
rs17675732	T	0.156
rs78291089	T	0.1868
rs12534764	G	0.0711
rs6945047	C	0.0337
rs2285757	T	0.0298
rs11977413	G	-0.0245
rs150505352	G	0.0805
rs293194	G	0.0316
rs62463361	T	0.1444
rs111523047	C	0.097
rs2971683	C	0.0253
rs57194047	A	0.0896
rs76281508	G	-0.0796
rs80339285	A	0.139
rs74777339	G	-0.1141
rs17490126	T	0.0301
rs35066058	A	0.0729
rs34817844	T	0.0642
rs34388043	A	-0.0937
rs73097190	T	-0.1331
rs10250693	A	0.055
rs10224443	C	-0.0376
rs6463040	A	0.0306
rs62454447	G	-0.0984
rs17289385	T	0.0639
rs11766392	T	0.0275
rs17781170	C	-0.0486
rs73098677	A	-0.088
rs3113606	A	0.0971
rs12672696	A	-0.0304
rs76132823	G	0.1908
rs150737733	T	0.1238
rs6963279	T	0.0343
rs4722458	T	-0.0269

rs113675491	C	0.03
rs9655359	T	-0.0258
rs12668475	T	-0.0433
rs7811936	A	0.0259
rs28672121	C	0.1639
rs79787018	C	0.0943
rs17867687	A	-0.1117
rs111300990	A	0.0528
rs10224546	A	0.0337
rs74375659	A	0.1093
rs10230521	G	-0.0266
rs6952061	T	-0.1398
rs80297934	C	0.0297
rs74360678	A	0.1382
rs112074531	T	-0.1222
rs74392612	C	-0.0867
rs79711919	A	-0.1911
rs6952111	C	0.0337
rs16871577	T	-0.0767
rs6945114	C	-0.0251
rs1228934	A	-0.1027
rs79062394	G	-0.115
rs73157688	T	-0.2404
rs142282196	G	-0.1699
rs78424750	T	0.1082
rs11521066	C	0.0282
rs55893703	T	-0.0754
rs74999436	G	0.0603
rs10234595	T	-0.0658
rs78640788	A	-0.0648
rs78106920	A	0.0801
rs146009688	A	0.1234
rs2196395	G	0.0271
rs117286512	A	-0.1324
rs62442520	C	-0.0966
rs117032239	C	0.1257
rs75442609	T	-0.0581
rs117798125	A	0.1676
rs2106913	A	0.0326
rs73075178	G	-0.0601
rs77078927	T	0.0512
rs2011037	C	0.0765
rs1734232	T	0.0255
rs117351350	T	-0.1397
rs12671025	C	-0.0255
rs145179427	A	0.1904
rs35122394	A	-0.0685

rs115219749	T	-0.0425
rs10239988	A	-0.0352
rs118177481	C	0.1243
rs117954660	A	0.0554
rs2119220	A	0.0302
rs2235099	A	-0.0286
rs59337615	G	0.0408
rs6942909	T	0.0663
rs1989837	G	-0.06
rs75083786	G	0.0645
rs3779370	A	0.0357
rs73716353	A	0.1509
rs73155969	C	0.0711
rs62451685	A	-0.1294
rs79142095	A	-0.0498
rs2288645	A	-0.0313
rs80033128	C	-0.1179
rs2568644	T	-0.0254
rs55724173	A	0.0994
rs12537062	A	0.08
rs12534926	A	-0.0728
rs140641825	A	-0.0821
rs117460911	C	-0.0869
rs12706849	T	0.0278
rs117244355	T	-0.1353
rs117737221	T	0.1538
rs145273674	C	0.1364
rs581760	A	0.0366
rs17165334	T	-0.0474
rs36126389	T	0.0308
rs75897007	G	-0.0462
rs77961773	G	-0.0894
rs143506936	T	-0.1007
rs17863071	G	0.0787
rs57326623	A	-0.0945
rs80274324	G	-0.144
rs4316089	A	0.0273
rs77997292	C	0.0805
rs34579418	T	0.0303
rs73037741	T	0.0497
rs12154999	A	0.2236
rs2529753	C	-0.0258
rs145985743	C	0.1513
rs142977212	A	0.1407
rs1860487	C	-0.0249
rs117299533	A	-0.1206
rs62486975	G	0.0431

rs62445274	T	0.0368
rs73301337	T	0.0774
rs62445133	A	-0.101
rs73079954	A	0.1026
rs62458497	G	0.0927
rs111689977	C	0.06
rs7787344	C	-0.0265
rs10235598	A	0.0392
rs11762894	T	0.0656
rs117768662	T	-0.1011
rs4732401	T	0.0389
rs73226948	C	0.1584
rs73151056	T	0.0927
rs13224823	C	0.0826
rs2157820	G	-0.0269
rs75806864	T	0.0338
rs4723514	A	0.0279
rs73098674	C	0.0554
rs62477309	C	0.0586
rs80123330	G	0.1638
rs17168865	C	-0.0748
rs2190671	C	-0.0315
rs34158	C	0.0264
rs73097937	T	0.0882
rs117828608	G	0.1008
rs7810966	T	0.073
rs111766061	A	0.0982
rs983681	T	-0.0245
rs60224992	C	0.0475
rs78736838	A	-0.0581
rs2552074	T	-0.0835
rs62473038	T	-0.0454
rs75995738	T	0.0982
rs138013477	G	0.0995
rs73110344	T	-0.1434
rs13221109	G	0.043
rs55864601	G	0.0434
rs62469187	C	0.0566
rs140223551	G	-0.2605
rs62475518	T	-0.085
rs76336285	A	0.1058
rs11762767	C	-0.0779
rs10231301	T	-0.1764
rs117062013	A	0.0591
rs1861525	G	-0.0598
rs74705109	C	0.0898
rs62484928	T	0.0892

rs148987572	G	0.1111
rs13228728	G	-0.1491
rs17172215	G	-0.0275
rs17434745	C	0.0316
rs11766676	T	0.1051
rs7783537	A	-0.0287
rs7786872	G	0.0337
rs2727760	T	-0.0479
rs146755416	C	-0.1245
rs76129516	A	0.1786
rs78430106	T	-0.0925
rs73076032	A	0.0983
rs5014165	T	0.0983
rs146018453	T	0.126
rs76807645	A	-0.0711
rs17246880	A	-0.0941
rs35971770	A	0.0828
rs3111448	A	-0.0253
rs117089416	A	-0.1377
rs150372801	T	-0.0462
rs147359763	C	-0.176
rs59140252	T	-0.0376
rs12670637	T	0.0302
rs8192846	T	0.0323
rs12673302	T	0.0716
rs2056819	C	-0.0266
rs76840429	T	-0.0872
rs4722883	G	0.0277
rs12154880	C	-0.0438
rs67424549	C	0.031
rs150137924	T	-0.1208
rs67399664	T	-0.0435
rs34155826	A	-0.1179
rs28670168	A	0.0423
rs117950714	G	0.1457
rs78400762	C	0.0783
rs12706002	A	-0.0363
rs13236413	T	0.0463
rs38371	T	-0.0247
rs77196416	A	-0.0551
rs10255910	A	-0.0935
rs10224728	G	-0.0279
rs111851535	G	-0.0743
rs145743281	A	0.0895
rs77517668	G	-0.0748
rs117417775	A	0.1115
rs11975913	G	-0.03

rs10949621	C	-0.0793
rs144422390	A	-0.1205
rs73276244	T	-0.0424
rs62473376	T	0.1231
rs57006226	T	0.138
rs35346499	T	-0.1007
rs2192315	T	0.0266
rs73229392	A	-0.0615
rs7457045	A	0.0926
rs75568585	G	0.0315
rs139192559	A	-0.1305
rs138969146	T	-0.1083
rs10257073	C	0.103
rs76269547	A	-0.0568
rs56149437	G	0.0315
rs79576996	A	-0.149
rs73065689	G	0.0351
rs113270132	T	0.1036
rs3960426	A	0.031
rs801859	G	0.0545
rs79511104	A	-0.1656
rs17520243	G	-0.0513
rs17265837	G	0.1239
rs112660012	A	0.074
rs78825404	G	0.1063
rs67024761	T	-0.0987
rs74680099	G	0.1063
rs75473064	G	0.2871
rs139006431	A	-0.1197
rs117565579	T	0.117
rs117733396	T	0.1741
rs17463319	G	0.0275
rs11763763	G	0.0393
rs11977758	C	0.1189
rs80341455	A	0.1181
rs4717104	G	-0.0249
rs73426514	A	-0.118
rs62468065	T	0.0283
rs11761174	A	0.0506
rs73123947	G	-0.0299
rs8180805	T	0.0555
rs62461981	A	0.1109
rs79999996	C	-0.1521
rs142169607	T	0.0583
rs62442225	T	-0.057
rs6947981	C	-0.0839
rs75012783	G	0.1348

rs1993053	T	-0.0956
rs111486884	G	0.0772
rs1916874	T	0.0469
rs6956186	T	-0.0712
rs3910828	T	0.0713
rs74301271	T	-0.0793
rs10245896	G	0.0468
rs10268257	G	0.0848
rs17866154	C	0.039
rs4723497	C	-0.0247
rs1453281	A	0.0263
rs80023108	A	-0.1314
rs139491350	A	-0.2113
rs73683355	A	-0.1175
rs75367503	C	0.1288
rs144190145	G	-0.1306
rs7788116	C	0.0321
rs142587467	A	-0.0793
rs13230949	G	-0.0489
rs2718316	C	0.0321
rs10951898	G	-0.0297
rs17699960	T	0.0632
rs893238	C	0.0396
rs34282205	A	-0.0485
rs767834	G	-0.0298
rs28690333	T	-0.1286
rs117370222	G	-0.159
rs73042477	T	0.0619
rs1622717	G	-0.0982
rs17141736	T	0.0478
rs146123573	C	0.1122
rs34858959	A	0.0684
rs60484951	C	-0.0308
rs12706929	G	-0.0248
rs56222733	C	0.0606
rs11983127	A	0.0822
rs6461368	G	-0.026
rs78138595	T	-0.0497
rs61212333	G	0.0451
rs60562275	T	-0.0435
rs2941531	G	0.0441
rs73217659	C	0.0443
rs2519618	G	0.0508
rs141379112	T	0.1312
rs2519739	A	0.0468
rs74981071	A	0.1688
rs10273565	C	0.0282

rs10236975	A	-0.0465
rs1076161	G	-0.0328
rs147359310	A	0.1394
rs116963300	G	-0.1389
rs11971588	A	0.0543
rs112514349	T	-0.0958
rs10952629	T	0.0263
rs139348478	C	-0.1819
rs141959364	C	0.1032
rs1558209	C	-0.0287
rs113683318	T	0.1092
rs41321	G	-0.0274
rs73106625	A	-0.1386
rs13246738	A	-0.039
rs113411351	C	-0.2081
rs73194401	A	-0.0435
rs117607413	G	-0.1328
rs9969163	T	0.0279
rs73461162	C	0.032
rs2691813	T	-0.0268
rs17628318	T	-0.0299
rs34419262	C	-0.0589
rs489403	A	0.0259
rs35892561	T	-0.0705
rs112436320	A	0.0768
rs62441417	A	0.0479
rs13235705	T	0.0532
rs55989557	T	-0.0486
rs3778885	T	-0.0292
rs929404	C	-0.0291
rs10230396	C	0.0247
rs2014665	A	-0.0351
rs12540943	A	-0.0347
rs149397635	C	0.1204
rs28590272	G	0.0299
rs77222592	A	0.1691
rs6464499	G	0.0463
rs2888553	C	0.0497
rs114881283	T	0.1139
rs117473637	T	0.1416
rs9648554	C	0.0619
rs2290228	A	-0.0329
rs72617383	A	-0.0815
rs149425951	C	0.0791
rs4909109	G	0.0338
rs1127607	T	-0.0374
rs80212784	A	0.1159

rs222320	C	0.0836
rs73066588	C	-0.0318
rs13234570	A	-0.0415
rs7802273	G	0.0236
rs34407351	C	0.0794
rs11982958	T	-0.0263
rs76705541	C	-0.2618
rs78173333	T	-0.1067
rs10278603	A	0.0239
rs55745081	A	0.0862
rs13229676	A	0.0665
rs66825525	G	0.0447
rs34801616	C	-0.0263
rs17567022	G	0.0321
rs75476037	T	-0.1029
rs215727	C	0.0254
rs142632199	T	-0.0897
rs62448549	C	-0.0404
rs6974402	T	-0.044
rs7787652	T	-0.0264
rs13232839	A	0.1684
rs10259068	G	0.0327
rs1233560	G	0.0275
rs2215934	G	0.0289
rs73082218	T	-0.1002
rs28541964	T	0.0247
rs56337980	G	0.2076
rs77287077	T	0.1706
rs35634228	G	-0.1926
rs2106435	T	0.0374
rs4236486	T	-0.0262
rs3918228	A	-0.1511
rs116863023	A	0.1445
rs143283789	T	-0.1007
rs116855239	G	0.1892
rs62433202	A	-0.0303
rs116857244	T	0.2121
rs11535353	A	-0.1052
rs62448528	C	-0.0299
rs73161871	G	-0.1184
rs13222016	C	0.1502
rs12112259	C	0.033
rs77427637	T	-0.0937
rs73156689	A	-0.0749
rs10258803	C	0.0413
rs7794735	A	0.0641
rs78950093	T	0.1038

rs2390479	T	-0.0356
rs73099611	A	0.0897
rs111865251	C	0.046
rs111409389	A	-0.1428
rs11773091	C	0.0244
rs145677835	A	-0.1215
rs12700856	C	0.0401
rs75198642	T	-0.0501
rs10267171	C	0.0291
rs13242213	T	-0.0312
rs147348766	C	-0.0695
rs76851059	T	0.0638
rs11983101	C	0.0288
rs9655065	C	0.085
rs111770529	T	-0.0259
rs891511	A	-0.0333
rs77136144	C	-0.0758
rs75555966	G	0.1241
rs58281576	A	0.1017
rs7778633	A	-0.0454
rs145133816	G	-0.0936
rs77097165	G	0.2117
rs77774685	G	0.0784
rs4728213	G	0.0274
rs2693651	C	0.0269
rs74620732	A	-0.1404
rs2301971	G	0.0268
rs28382641	C	-0.1521
rs260370	C	0.0396
rs56090802	T	0.0609
rs74913765	T	0.1782
rs13235612	T	-0.0416
rs113535897	T	-0.1916
rs882160	T	-0.0256
rs77626213	C	0.0516
rs75459042	A	0.121
rs80022912	C	0.1086
rs6415322	T	-0.0339
rs691183	T	0.0245
rs6956329	T	0.0386
rs79007956	T	0.048
rs73090540	G	-0.0337
rs28441480	T	0.0433
rs35713820	G	0.0714
rs6463108	C	0.0252
rs146497183	A	-0.1514
rs6977570	C	0.0592

rs150642750	T	0.1468
rs77297762	A	0.0276
rs11760954	A	0.0355
rs116925265	A	0.1605
rs1030309	C	0.028
rs117321199	C	-0.0935
rs75530821	G	0.146
rs71544730	T	-0.0307
rs117943535	T	0.1323
rs1721505	C	0.0559
rs13226861	G	0.0283
rs117470138	A	0.1381
rs1349695	A	0.0685
rs677442	C	0.0257
rs6466228	C	-0.055
rs138323248	C	0.1769
rs7809764	A	0.0264
rs6952740	C	-0.1683
rs36199910	G	0.0365
rs501492	C	-0.024
rs6979813	G	-0.0261
rs73133368	A	-0.0791
rs11514653	C	-0.1171
rs143193695	T	-0.113
rs77002948	T	-0.0528
rs111644200	C	-0.0522
rs117186537	C	-0.0894
rs10499990	A	-0.0311
rs1181742	A	0.035
rs6461085	A	-0.0314
rs116937762	C	0.084
rs117747704	A	0.1111
rs76700052	G	0.0495
rs141636670	G	0.139
rs12531639	C	0.0321
rs145077271	G	0.1
rs117897932	T	-0.1693
rs150885199	T	0.0833
rs17290785	T	0.1431
rs17139782	T	-0.032
rs254927	C	0.0244
rs139316935	A	-0.047
rs17538251	A	-0.1941
rs62456485	A	-0.0992
rs35081291	T	-0.0461
rs55672351	G	0.0288
rs76473891	C	0.1582

rs75672994	A	0.0661
rs4467866	C	-0.0756
rs17743047	A	0.0624
rs79431138	C	0.0334
rs140963375	C	-0.0386
rs181016	A	-0.0253
rs59806639	T	0.1087
rs34348920	A	-0.0697
rs58793037	C	0.123
rs12535525	G	0.0236
rs12705315	A	0.0634
rs55757328	T	-0.039
rs2691810	C	0.0377
rs10228423	T	0.0724
rs77182850	T	0.0987
rs4716481	T	-0.0701
rs74986339	A	0.22
rs701311	A	-0.0296
rs11576047	A	0.0846
rs198	C	0.0341
rs343066	C	-0.0236
rs112866701	T	-0.1854
rs13240791	C	-0.0792
rs117184896	A	0.0867
rs6944991	C	0.1069
rs73139750	C	0.027
rs9986856	A	-0.0248
rs12540817	T	0.0968
rs111297448	G	-0.1337
rs77981828	G	-0.0906
rs117584436	A	-0.1048
rs73299168	T	0.0944
rs34851495	T	0.0355
rs10245251	A	0.0632
rs17206741	T	-0.0573
rs11766410	C	-0.0242
rs6950938	T	-0.0453
rs79303299	A	-0.1184
rs111232174	A	0.137
rs4272280	A	-0.0245
rs56199516	C	0.0379
rs73672039	G	0.1056
rs117455324	G	0.0792
rs6949360	C	-0.0452
rs111831596	A	-0.0657
rs1534767	T	0.0238
rs7788108	C	0.0321

rs10271095	A	0.0796
rs143449588	C	-0.1725
rs12721456	A	0.1595
rs7804035	T	-0.0351
rs7785085	A	0.0356
rs12702109	T	-0.043
rs73105755	C	-0.0262
rs7803515	T	0.0975
rs262136	T	-0.0603
rs73084951	A	-0.1046
rs75712657	A	0.1758
rs13242646	C	-0.03
rs12700889	A	-0.034
rs6462134	G	0.0273
rs1007311	G	0.0297
rs117187818	T	-0.1503
rs138116210	T	0.1405
rs11972497	A	0.0771
rs759550	C	0.0246
rs10953622	T	0.0366
rs13230204	C	-0.0629
rs13234046	A	-0.0291
rs146681349	T	-0.1677
rs77415516	C	-0.028
rs144212807	A	0.1304
rs117431822	C	-0.069
rs62477608	C	-0.0276
rs3112337	C	-0.0307
rs12701078	C	-0.0281
rs76237359	T	-0.1323
rs73364664	T	0.0654
rs6965931	A	-0.0431
rs112152085	A	-0.086
rs7785141	A	0.0929
rs77618380	A	0.0602
rs142193203	C	-0.1222
rs28445055	C	0.0934
rs61198215	A	0.0261
rs10953099	T	0.0295
rs148670787	T	0.0961
rs55829938	A	0.0886
rs73158285	C	-0.0668
rs193845	C	0.0382
rs117316336	C	0.1743
rs75635983	T	0.0726
rs150904779	T	0.1162
rs79708025	A	-0.0589

rs147133726	T	0.2308
rs11761688	T	-0.172
rs73695747	T	-0.0364
rs77626328	C	-0.0386
rs9691189	T	0.026
rs117721206	T	-0.0988
rs13229564	T	0.0781
rs4457260	T	0.0234
rs73490983	G	-0.0712
rs28874407	T	-0.0838
rs17626550	T	0.0455
rs13235618	C	-0.0843
rs80258445	T	0.1059
rs75078544	C	-0.0607
rs905890	C	-0.0272
rs75366553	T	0.111
rs73277699	T	0.0586
rs116920512	C	-0.1212
rs78247597	C	-0.0961
rs116597643	T	0.0977
rs62444531	G	0.0875
rs701310	C	0.0263
rs62478573	A	-0.0865
rs7794192	G	-0.0349
rs2357363	T	-0.0281
rs1918709	G	0.0236
rs71527454	T	0.1273
rs117831678	T	0.1525
rs78309297	G	-0.1125
rs17580083	C	-0.0715
rs77100512	G	-0.0951
rs73179828	C	0.1123
rs12532814	T	0.1476
rs62449219	T	0.0385
rs13232272	T	-0.0247
rs112402453	T	-0.0334
rs834776	A	-0.0242
rs117929027	G	0.1439
rs74327040	T	-0.0899
rs77311312	G	0.0245
rs79723556	A	-0.094
rs10499549	T	-0.0363
rs79462961	G	0.1619
rs71524203	A	-0.0381
rs142637196	A	-0.1861
rs59313845	T	-0.1687
rs117361217	A	0.2051

rs145213662	G	-0.09
rs1005335	A	-0.0292
rs3114477	A	0.0233
rs7784796	C	0.0259
rs118030351	C	-0.1099
rs6463540	C	-0.0428
rs3025144	A	0.1166
rs1522917	T	-0.047
rs62483924	A	0.0411
rs6966118	G	-0.0246
rs4725165	C	-0.0311
rs1406755	A	0.0243
rs34751086	T	-0.0372
rs6962732	T	0.0437
rs10487906	A	-0.06
rs11972120	C	0.1167
rs73111892	G	0.0845
rs117451190	A	-0.0999
rs140950313	T	0.1816
rs11765339	T	-0.0243
rs75695297	C	0.1116
rs1989875	G	0.0246
rs151056552	T	-0.1389
rs1833081	G	-0.0244
rs11982419	A	0.1243
rs12666830	T	0.0767
rs3923702	T	-0.0339
rs6961908	G	0.0268
rs73151974	T	0.0329
rs2189533	T	0.041
rs34517554	A	0.0285
rs39270	T	0.0774
rs6969321	G	0.0365
rs1859504	C	-0.0324
rs5745730	G	-0.1001
rs116925432	G	-0.1137
rs117973557	T	-0.0535
rs56125153	G	-0.0243
rs55932122	G	-0.0586
rs9770190	A	0.0313
rs6949701	A	0.0327
rs10258279	C	-0.03
rs55845600	A	0.087
rs2533461	G	0.1385
rs13232414	C	-0.03
rs143664050	A	0.1278
rs79202942	T	0.1539

rs75077401	G	-0.0888
rs141383342	G	0.1275
rs12154556	G	-0.0308
rs28548765	G	0.1247
rs73212416	G	-0.0688
rs1419771	C	-0.0272
rs4729659	A	-0.0287
rs74516383	G	0.0924
rs6955795	G	0.0237
rs10265279	G	-0.0288
rs17832522	G	-0.0432
rs117890845	A	-0.0626
rs79533876	T	0.0884
rs193858	A	-0.0462
rs3750035	C	-0.0267
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rs7790642	C	0.025
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rs882168	C	-0.0244
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rs7779897	G	-0.0287
rs71555287	T	-0.1153
rs117878708	T	0.1039
rs62484733	A	0.0543
rs7798550	C	0.0832
rs75927706	A	0.0364
rs17134378	T	-0.0341
rs41521746	G	0.0875
rs749539	C	-0.0533
rs4728656	C	-0.0352
rs6464295	G	0.0471
rs10487353	T	-0.0499
rs73226278	A	0.0415
rs10248766	T	-0.0274
rs1859804	C	-0.0296
rs74534006	A	0.1036
rs117638711	T	-0.0391
rs12698025	C	-0.0868
rs78123593	T	0.0642
rs4947993	C	-0.0265
rs60920612	A	0.1089
rs1404151	G	-0.0252
rs10252625	G	-0.0519
rs116911339	T	-0.0737
rs118082723	T	-0.1612

rs11976895	T	0.1023
rs140074414	T	-0.0852
rs4332041	T	-0.0242
rs17659634	G	0.0302
rs6962966	G	0.023
rs39494	G	-0.0808
rs79029221	A	0.0348
rs11563709	C	0.0866
rs75215979	T	0.1533
rs17734042	T	0.0275
rs11974082	C	-0.0336
rs67389746	A	-0.0346
rs2402061	G	0.0244
rs7808497	C	-0.0932
rs73461593	T	-0.1245
rs7810003	C	-0.0266
rs34393279	G	0.0333
rs1973771	T	-0.0354
rs76031179	C	0.1064
rs73194028	A	-0.0309
rs36198873	C	0.0256
rs1981702	A	0.0397
rs10242998	G	0.0292
rs117253884	G	-0.1266
rs1156280	C	0.0884
rs1114097	A	-0.0285
rs148611662	A	0.2022
rs13225657	A	0.0363
rs3757685	A	-0.0251
rs11761622	A	0.0293
rs13222431	T	-0.1056
rs74662268	A	0.1117
rs11977045	T	0.0286
rs1523728	G	0.0245
rs10273199	C	0.0562
rs8180847	G	0.0268
rs117854110	T	-0.0798
rs7779866	T	0.026
rs145608148	T	0.0372
rs143019093	A	0.1373
rs76991511	A	0.0576
rs150802667	T	-0.1366
rs118015072	G	-0.1029
rs12155302	T	0.0286
rs146879844	T	0.0465
rs62491473	A	-0.0404
rs7798986	G	0.024

rs141747331	C	0.1241
rs11766508	A	-0.0313
rs62491564	G	0.0363
rs77590770	G	0.102
rs117397249	A	0.1555
rs7779243	G	0.12
rs73186279	G	-0.1166
rs35586102	G	0.0285
rs75654781	G	0.1419
rs145824991	G	-0.1557
rs2107730	G	0.0933
rs55837343	T	0.0799
rs111303546	T	-0.0484
rs61108238	A	-0.0774
rs73224265	T	-0.1013
rs2123499	A	-0.0658
rs147727253	C	0.0904
rs62442178	G	0.135
rs10239506	C	0.0233
rs12155002	T	-0.0262
rs148286384	T	0.1213
rs10464364	C	-0.0302
rs73696318	A	-0.0956
rs111996166	A	-0.1082
rs12532687	T	-0.0535
rs17332138	G	-0.0294
rs117106373	A	-0.2464
rs76906600	C	-0.0876
rs6974790	T	-0.025
rs7796420	T	0.059
rs2974129	C	0.0247
rs7792864	G	0.1001
rs35298927	A	-0.0303
rs117843214	A	0.1083
rs117056226	T	0.096
rs55703680	A	0.0326
rs117337474	T	0.1237
rs62444716	T	-0.0332
rs150831924	C	-0.0923
rs62473876	G	-0.063
rs73053922	G	0.0657
rs143692655	G	-0.1284
rs10487231	T	0.0855
rs1635366	C	0.0241
rs4729598	T	-0.0392
rs144531519	G	0.0989
rs1695515	A	-0.031

rs6953623	T	0.0315
rs56105228	G	0.0272
rs11763904	A	-0.04
rs115340122	C	-0.063
rs516924	T	-0.0764
rs13226903	C	0.0352
rs75564712	A	-0.0359
rs13229452	C	-0.0254
rs39425	A	0.0455
rs2714463	G	0.0383
rs28645540	A	-0.0291
rs145455394	A	-0.0757
rs150347234	A	0.0771
rs35514223	G	-0.0274
rs13225288	T	-0.0309
rs73168560	T	-0.0657
rs4618643	G	0.0316
rs41359944	C	-0.1401
rs77862064	T	0.0476
rs10273450	C	-0.0276
rs2158042	A	-0.2156
rs73726870	C	-0.0451
rs6459843	C	0.0343
rs2526632	C	-0.0233
rs2190432	G	0.0575
rs1429562	C	0.1542
rs2537618	A	0.0357
rs2541903	T	0.1379
rs10486947	T	0.0936
rs56048032	T	0.0589
rs6957322	G	0.0434
rs6977424	A	-0.0248
rs73281643	C	-0.0855
rs117289063	G	-0.1624
rs77551592	C	-0.1298
rs1491835	C	0.0242
rs118035614	T	-0.0799
rs196613	T	0.1476
rs11980158	C	0.0297
rs45469297	C	0.062
rs28992770	A	0.0916
rs118134568	A	-0.1564
rs113841128	T	0.0428
rs7796440	C	0.0245
rs10269548	T	0.0243
rs9639711	T	0.024
rs71524257	T	-0.1275

rs1456029	G	0.0425
rs11523691	T	0.0558
rs10808148	G	-0.0311
rs142915027	T	-0.0783
rs3800996	T	-0.0304
rs270895	T	-0.025
rs12707445	A	0.0371
rs116874638	A	0.1536
rs17764589	C	0.0443
rs3813690	G	-0.0244
rs112501465	A	0.0685
rs143841308	A	0.2127
rs13228765	G	0.035
rs76412750	A	0.1509
rs7793315	C	-0.0355
rs150597503	A	0.1181
rs73145346	G	0.0519
rs75050597	A	0.1141
rs74476558	A	-0.1279
rs62472575	T	-0.0992
rs12532643	G	-0.0317
rs1079954	C	0.0246
rs1433502	T	0.0914
rs117718984	T	0.0908
rs612427	T	0.0538
rs1088909	A	-0.0398
rs149451517	A	-0.0825
rs706043	G	0.0376
rs114623966	T	0.1184
rs79055768	A	-0.0554
rs150450584	C	0.101
rs56131428	T	0.2133
rs12154456	G	0.029
rs35769526	A	0.0789
rs74839062	T	-0.0421
rs117770974	C	-0.1041
rs75268598	A	0.1176
rs60873959	G	0.0258
rs9640199	G	0.0326
rs2391442	T	0.1314
rs117956817	C	0.0785
rs67800652	T	0.0407
rs143478934	T	0.1146
rs12705175	C	0.063
rs4721606	A	-0.0397
rs34162551	A	-0.0805
rs7779210	A	0.0272

rs3807609	A	0.0243
rs56272877	A	0.1012
rs10953507	T	0.0333
rs6979366	A	-0.0359
rs10280011	C	0.0566
rs35787845	T	-0.0573
rs12534360	G	-0.0698
rs10254343	A	0.0247
rs1068290	G	0.0244
rs2686829	T	0.0259
rs17416979	T	0.0574
rs143996536	A	-0.0968
rs886073	C	-0.1062
rs7787210	A	-0.0261
rs35032751	A	-0.0467
rs28436173	T	-0.0452
rs139000941	T	-0.2129
rs43041	C	0.0291
rs1177950	G	-0.081
rs111548202	T	-0.0795
rs3852332	C	-0.0339
rs56050261	A	0.0395
rs6964492	C	0.0234
rs9691929	T	-0.0373
rs12698219	T	0.0473
rs6980441	A	0.0252
rs2960632	T	0.0239
rs73140938	C	-0.0985
rs10447811	G	0.0239
rs138890280	A	0.1151
rs76989822	A	0.2251
rs73174672	G	-0.1086
rs721994	A	-0.0252
rs4726781	T	0.0234
rs117599883	C	0.0935
rs45444695	A	0.1061
rs193813	A	0.091
rs12700019	C	-0.0299
rs117505203	A	-0.156
rs10225058	A	-0.0588
rs12671186	A	0.0481
rs56313562	A	0.0635
rs149613705	T	0.026
rs118006501	T	-0.1507
rs495658	T	0.038
rs73049099	C	-0.1706
rs10275524	T	-0.0226

rs10241708	C	0.0935
rs117432963	A	-0.1813
rs10499976	C	0.0448
rs12113818	A	-0.0457
rs17287011	T	-0.0352
rs148560251	C	0.1666
rs72592137	A	0.0635
rs73094682	G	0.0904
rs9639261	C	-0.0614
rs58289504	A	-0.0551
rs116931674	C	0.1407
rs75346767	T	-0.11
rs77408020	T	0.0551
rs4730953	T	-0.1152
rs35888257	A	0.0349
rs2254897	C	0.0746
rs76526947	C	0.1353
rs71532775	T	-0.0446
rs28648461	A	0.0261
rs78577568	C	-0.0617
rs73071326	G	-0.0524
rs117296998	T	-0.1081
rs13246671	G	-0.0286
rs2177479	A	-0.0233
rs117930921	G	-0.108
rs12668796	T	0.028
rs73195464	G	-0.093
rs75698514	C	0.0677
rs739457	C	0.102
rs12705992	G	0.0309
rs2960628	G	0.0267
rs117859627	C	-0.1556
rs11766531	G	-0.08
rs10247681	C	-0.0332
rs77166288	G	-0.0998
rs117969794	T	-0.1185
rs7782251	G	0.0339
rs73219862	T	0.1535
rs56010135	A	0.0387
rs5024287	T	0.0628
rs116853350	C	-0.0769
rs150177343	A	-0.1069
rs146653274	G	-0.1503
rs76018895	A	-0.0695
rs62447381	T	-0.1543
rs7809488	A	0.1236
rs75307282	T	-0.0505

rs148775240	T	0.0419
rs468	G	-0.0497
rs2398795	T	-0.0323
rs74444202	C	-0.0742
rs117486723	T	0.1751
rs2237403	T	0.0239
rs118052929	A	0.1379
rs11773335	C	0.0468
rs7785406	G	0.0905
rs3824080	T	0.0546
rs73128198	G	-0.041
rs74599145	T	0.1076
rs3807830	G	0.0468
rs17675703	G	-0.0367
rs1229453	T	0.0346
rs73133635	T	-0.0628
rs56384234	A	-0.1725
rs117011531	T	-0.2206
rs6944202	A	0.0424
rs12538824	C	-0.0348
rs7791362	C	-0.03
rs10278922	T	0.0351
rs117650331	A	-0.1135
rs76178563	G	0.1288
rs113146569	T	0.1235
rs1859841	G	-0.0293
rs28526693	C	-0.0365
rs13225627	T	0.0915
rs6460830	T	0.0706
rs35612403	A	0.0899
rs117587622	T	0.1483
rs6975239	T	-0.0856
rs11981764	A	-0.1158
rs78465752	A	0.1031
rs137983409	A	0.0975
rs143264308	A	-0.1789
rs151320177	G	0.177
rs17638038	C	-0.0756
rs116896949	G	-0.0693
rs11773265	C	0.0339
rs17489587	A	-0.165
rs16871945	G	0.1061
rs79829932	A	-0.1697
rs28916279	G	0.0822
rs113586606	G	0.1127
rs34392440	G	-0.0732
rs4299919	C	-0.0485

rs75855943	A	-0.1859
rs74554512	T	-0.1026
rs3807376	C	0.0282
rs139332052	T	0.1311
rs79370721	A	-0.0356
rs118074119	A	0.0837
rs71573372	A	-0.0853
rs35046850	T	-0.2019
rs2528648	G	-0.0257
rs10953258	A	-0.0252
rs117160563	A	-0.0941
rs140271261	A	-0.1531
rs10255948	A	0.0228
rs146609722	A	0.1292
rs2237280	T	-0.0933
rs148279070	A	0.1139
rs4728246	A	0.0291
rs117167685	C	0.1551
rs141136158	T	0.1462
rs11772043	A	-0.0228
rs73085863	T	-0.0784
rs17773256	A	-0.0415
rs2723997	G	-0.0485
rs78671845	C	0.0486
rs10266177	A	-0.0266
rs4282461	G	0.0807
rs140249654	C	0.0702
rs142920129	T	-0.0765
rs117857932	A	0.1508
rs13236842	C	-0.0941
rs12668250	G	0.0293
rs11773017	A	-0.0285
rs2074598	A	0.0298
rs75078181	T	-0.0512
rs10271444	A	0.0563
rs34659848	A	-0.0855
rs62477034	G	0.0856
rs117601592	T	-0.0943
rs7779524	C	-0.0691
rs111709955	C	0.147
rs62447118	T	0.1563
rs11765828	C	0.0684
rs62480729	T	0.0698
rs11773621	T	-0.1488
rs79133447	C	-0.1739
rs10225496	G	0.0277
rs62458630	C	0.0454

rs62450593	C	0.0331
rs10251937	C	0.0249
rs11465296	T	-0.0753
rs9690635	A	-0.0264
rs4285375	C	-0.0253
rs111912288	A	-0.1548
rs73167437	C	0.0414
rs56793527	G	-0.0426
rs149415944	C	-0.101
rs6967493	T	0.0366
rs12700207	A	0.0628
rs150088795	A	-0.0907
rs10265207	T	-0.0232
rs145213426	G	-0.1212
rs57927451	A	0.0926
rs117751629	A	-0.1664
rs73170907	C	0.0384
rs78233955	G	0.1583
rs17667768	G	-0.0533
rs112544372	T	0.1672
rs79981473	A	-0.0911
rs36121244	T	0.0766
rs2882947	C	0.1123
rs10276739	T	0.0263
rs141725800	G	0.0919
rs35658693	G	-0.1074
rs117024920	A	-0.1353
rs10155893	G	0.0233
rs3734999	G	-0.0337
rs73160621	T	-0.1168
rs10272570	G	-0.0304
rs1473894	G	-0.0447
rs73065462	G	0.0649
rs117663904	A	-0.1247
rs148040250	C	0.172
rs56327451	T	-0.0807
rs13221233	T	0.0242
rs73046528	A	-0.1546
rs56786487	G	-0.0453
rs816233	T	-0.0685
rs117572597	A	0.0699
rs13242084	A	0.0399
rs143026417	G	0.1738
rs140294798	A	-0.1045
rs117267436	T	0.1067
rs11984338	G	-0.0384
rs17438083	A	-0.0601

rs10950263	G	-0.0482
rs13238511	A	0.1109
rs17144331	T	0.0561
rs149882437	A	-0.1681
rs10248783	G	0.0637
rs1178356	T	-0.025
rs12699138	C	-0.0443
rs7783458	A	-0.0486
rs73066829	C	0.1165
rs36100361	G	0.0336
rs13235125	C	0.0681
rs35855035	T	0.029
rs140605348	A	-0.1265
rs13244987	A	0.068
rs4722097	C	0.0282
rs71537604	T	0.061
rs35328593	G	0.0357
rs2712227	A	-0.0249
rs1074212	T	0.0456
rs10254422	G	-0.0535
rs74324602	A	-0.1117
rs2014867	T	0.0403
rs62484374	T	-0.0368
rs2709054	A	-0.0682
rs138429056	C	0.1108
rs6962477	T	0.0254
rs117091015	A	-0.0877
rs2040945	A	0.0567
rs142560873	T	0.1185
rs74550933	A	-0.0782
rs36010716	T	0.1771
rs79623643	T	0.0584
rs1473355	C	0.0237
rs62480280	T	-0.0877
rs141664969	A	0.1169
rs7795415	C	0.0471
rs117278774	A	0.0772
rs10273266	T	0.0515
rs111514975	A	0.104
rs12531774	T	-0.0459
rs117018601	T	0.1149
rs1822709	A	0.0373
rs6945253	T	0.0236
rs13228962	T	0.0902
rs10807833	A	0.0332
rs150438881	A	0.1113
rs73170628	C	0.0359

rs79865925	A	0.0546
rs4731678	A	-0.0458
rs67088129	A	0.0357
rs76710064	G	-0.1445
rs879428	T	-0.0739
rs138367038	A	-0.1325
rs150322232	G	0.1059
rs57777958	T	0.0429
rs917625	A	0.0329
rs76174232	T	-0.0613
rs11773284	A	-0.0457
rs79609250	A	-0.067
rs149118925	G	0.0902
rs35108922	A	-0.1452
rs56309253	T	-0.1135
rs76761784	T	0.054
rs117098561	G	-0.1583
rs2908730	G	0.0291
rs72603570	A	-0.1152
rs4716672	C	-0.1192
rs113484432	T	0.1336
rs74820132	C	-0.0795
rs11760449	C	-0.0487
rs3087888	G	-0.0534
rs76796991	C	0.1269
rs138500066	G	-0.127
rs7801260	A	0.1281
rs78002217	A	-0.1324
rs13240245	A	0.1145
rs6944473	C	0.0596
rs78752246	T	0.0316
rs60314967	C	-0.057
rs6965244	G	0.0276
rs139729787	A	0.0892
rs118030712	A	0.0953
rs6955460	A	0.036
rs1731282	T	0.1175
rs7809341	G	-0.024
rs6464618	C	-0.0802
rs73164726	A	-0.061
rs73674221	G	0.0405
rs3917592	T	-0.0721
rs76163201	C	0.1387
rs2961238	G	-0.0307
rs17398575	A	-0.0284
rs9641707	G	-0.0238
rs62477222	A	0.0257

rs116959131	G	-0.0566
rs28594383	A	0.0567
rs71532720	A	0.0996
rs4719526	T	0.0402
rs62448766	T	-0.1865
rs118167494	A	0.1081
rs10215923	T	0.1439
rs73163636	G	0.134
rs113362450	T	0.0552
rs10487635	A	0.0676
rs17170378	T	0.0397
rs75701177	T	0.0823
rs4722362	C	0.082
rs78923822	T	0.1363
rs2158706	A	0.028
rs17275582	C	0.0853
rs73222478	C	-0.1674
rs3779056	G	-0.0454
rs3757552	G	-0.0355
rs2024257	G	-0.0262
rs139174034	G	0.0768
rs80306758	C	-0.0537
rs148352301	A	-0.1355
rs10240353	T	0.0807
rs117388386	G	-0.0988
rs12670880	T	-0.1006
rs117299036	T	0.1177
rs117142915	G	-0.0705
rs79466239	C	-0.0853
rs12700548	T	0.0245
rs10260150	T	0.0385
rs10229146	G	-0.0263
rs150046801	T	-0.1009
rs73065165	C	0.1467
rs76731559	C	-0.0491
rs10264307	A	0.1084
rs673396	C	0.0386
rs17176235	A	0.0921
rs1990436	G	-0.0298
rs79176582	A	0.0821
rs4718585	G	0.0691
rs844732	C	-0.0392
rs982389	C	0.0871
rs28578577	A	0.0628
rs75669519	T	0.0846
rs34543870	C	0.1135
rs62453029	A	0.0343

rs6979115	A	0.135
rs138972761	A	-0.165
rs727390	A	0.0248
rs6946676	A	0.0423
rs117167853	A	-0.1027
rs80124315	T	-0.0614
rs78813710	G	0.1401
rs102	A	0.1579
rs146279024	C	-0.0863
rs4730173	G	-0.0287
rs725393	G	0.087
rs117915852	G	-0.1198
rs117136500	T	-0.1736
rs2391170	T	-0.0411
rs117929345	T	0.0529
rs259139	C	0.0239
rs2365151	C	-0.0813
rs6965873	A	0.0259
rs7798085	T	0.0225
rs62441741	A	0.0758
rs10257957	T	0.0246
rs1456905	A	-0.0292
rs76021034	C	-0.0797
rs7457468	G	-0.0239
rs75283809	G	0.0876
rs79344636	A	0.0632
rs7811345	G	0.023
rs78033872	G	0.2141
rs11773537	A	-0.058
rs75179088	G	0.119
rs6955608	T	0.0782
rs147510662	A	0.1376
rs112703426	G	0.1182
rs13242586	T	-0.0845
rs3812325	G	-0.0261
rs166677	C	0.0223
rs111669719	G	0.2097
rs73138560	A	-0.0421
rs6955717	C	-0.033
rs78762694	C	0.0826
rs61496093	T	-0.0283
rs73716958	T	0.0975
rs73158141	A	-0.1731
rs144462147	A	-0.0987
rs10275580	T	-0.0471
rs66488846	A	-0.0222
rs57603312	T	0.0608

rs321975	C	-0.0235
rs28708749	G	-0.0422
rs113889044	A	0.0673
rs73082373	G	0.0808
rs3176616	A	-0.0689
rs10247037	T	0.132
rs1964986	A	-0.0237
rs73086934	C	-0.0554
rs4236343	G	0.0256
rs1880292	A	-0.0382
rs55777236	C	0.1046
rs80152699	C	-0.0232
rs17781398	T	-0.042
rs57810363	T	0.1825
rs78493614	C	-0.0482
rs815945	T	0.0244
rs6460550	T	0.0246
rs117420544	C	0.0684
rs76489283	G	0.0549
rs76225214	T	0.0876
rs34848311	G	0.0845
rs17687569	T	0.0381
rs117006827	A	-0.0565
rs34988054	T	0.0968
rs1035087	T	0.0471
rs114239081	T	0.1373
rs77724826	C	-0.0962
rs2024266	T	-0.0234
rs17576226	T	-0.0392
rs73694933	A	-0.0502
rs3757772	C	0.1034
rs6949446	A	0.0585
rs80118450	A	0.099
rs11974013	T	0.0876
rs380283	A	0.0323
rs10253685	T	0.073
rs117721631	C	0.1005
rs4607522	G	0.0302
rs140241700	A	0.2036
rs2358068	T	-0.0345
rs7780443	T	-0.0222
rs7806766	T	0.1271
rs6969337	C	0.0833
rs11772617	G	0.0581
rs117830955	A	-0.1735
rs56389635	T	-0.0412
rs76644462	A	-0.0642

rs1085926	T	0.0624
rs80016323	C	0.1528
rs3778692	A	0.0392
rs142485430	C	0.0899
rs78255265	G	-0.0275
rs144568166	T	0.1351
rs55659022	A	0.0893
rs4722380	G	-0.0731
rs1002205	C	0.0647
rs7788240	T	-0.055
rs10247785	A	0.0783
rs4732447	T	-0.0242
rs79494124	C	0.0973
rs10253606	C	-0.063
rs12703639	T	0.0252
rs111259928	A	-0.0518
rs75629163	A	-0.0963
rs2357842	A	-0.041
rs3095210	G	0.1259
rs62454454	T	0.1522
rs13236400	A	0.0232
rs17157615	C	-0.0458
rs58823540	A	0.0297
rs17753647	G	0.0752
rs118035796	A	-0.1269
rs9647771	C	-0.0939
rs11766158	T	-0.0537
rs116966036	C	0.1138
rs62454580	C	0.0881
rs7783045	T	0.0919
rs78283854	C	-0.0923
rs845056	A	0.0245
rs620269	A	0.0224
rs142575299	T	-0.1061
rs13237474	T	-0.1281
rs2373436	A	0.1796
rs12671353	T	0.1289
rs139995160	T	-0.1527
rs144389235	C	0.1041
rs34491468	A	0.078
rs117973197	C	0.1211
rs4434576	C	0.0302
rs117199755	A	0.1236
rs116701256	T	-0.1952
rs117337131	T	0.0594
rs117868969	A	0.1243
rs74694663	G	-0.0818

rs113423124	C	-0.1216
rs145510996	A	-0.0709
rs141130258	T	0.1226
rs214852	C	-0.0401
rs17837687	C	0.0505
rs4720949	T	-0.0291
rs73080363	T	0.0417
rs117600568	G	-0.0754
rs138169552	C	-0.1477
rs150396237	A	-0.1694
rs62001896	T	0.1188
rs117108350	T	0.0625
rs4730030	C	0.0281
rs61325611	A	-0.0268
rs117124198	C	-0.1249
rs11980632	C	0.0458
rs2690945	A	-0.0242
rs117534353	A	0.0946
rs147340765	T	0.1391
rs7776515	A	-0.0272
rs3801094	A	-0.0234
rs28452921	A	-0.1291
rs112628594	G	0.1011
rs73110956	A	-0.0962
rs117795193	T	0.1031
rs7780149	T	0.024
rs76686747	T	0.1125
rs117104394	T	0.0476
rs74433509	C	0.1148
rs77079774	A	0.1002
rs79622615	T	0.1184
rs78294940	A	-0.2497
rs2367939	A	-0.0484
rs12699279	C	-0.1055
rs73107852	T	-0.1436
rs62490527	A	-0.0772
rs2283088	C	0.0259
rs80218144	A	0.1182
rs4133600	G	0.0309
rs79830717	G	0.1794
rs111630199	G	-0.1231
rs117048034	A	0.1583
rs6945202	T	-0.023
rs10487088	A	0.0731
rs73148941	A	0.0719
rs117143437	T	0.1189
rs1196510	A	0.022

rs10268598	T	-0.0278
rs62452051	T	0.0964
rs59599037	C	-0.119
rs73209305	G	-0.1015
rs113007778	G	0.1517
rs11563716	A	-0.0274
rs6958569	A	-0.0257
rs75948232	C	0.0566
rs111376476	T	0.0683
rs62439555	C	0.0529
rs252995	C	0.0305
rs17170309	G	0.0449
rs11761463	A	0.1104
rs10272016	C	-0.0432
rs6950626	G	-0.0312
rs58342196	T	0.0799
rs142802454	A	-0.1587
rs117711570	G	0.0878
rs79395816	A	-0.0973
rs77308787	C	-0.0867
rs11769145	C	-0.0296
rs17165823	C	0.0754
rs2073791	G	0.0283
rs1524756	C	0.0295
rs7800316	T	0.1017
rs4719565	T	0.0238
rs2107167	A	0.0331
rs137995830	G	-0.1335
rs1547960	G	0.0224
rs112216864	C	0.1762
rs2724024	A	-0.0292
rs7783102	G	0.0305
rs17548486	G	-0.0536
rs113593140	T	-0.1667
rs12672761	G	-0.0346
rs76562464	C	0.0946
rs35652175	T	-0.042
rs73679546	C	0.1507
rs62476992	G	0.0699
rs6980397	C	0.0405
rs10273338	A	0.0428
rs13226011	C	-0.0873
rs17142711	A	0.0328
rs73111453	T	-0.1164
rs77029327	A	0.082
rs17241389	C	-0.0218
rs79364458	G	0.0404

rs10277333	G	-0.0583
rs73449395	C	0.0584
rs117647300	T	-0.0931
rs10270760	C	-0.1306
rs17583919	C	-0.0581
rs145942506	C	0.1193
rs2098560	C	0.0698
rs113289750	T	0.1193
rs144730039	C	-0.1179
rs76418432	T	-0.0521
rs139155792	T	-0.1349
rs2615691	A	-0.0602
rs10257166	T	-0.0523
rs10242940	A	0.023
rs2329828	A	0.0533
rs73699607	A	0.0572
rs138191091	C	-0.0532
rs11980808	T	0.0304
rs6949769	G	-0.0251
rs73674639	G	-0.0379
rs38434	G	-0.0284
rs391926	A	0.0222
rs16872336	G	0.181
rs7810587	C	-0.0352
rs73691110	C	-0.188
rs79926626	T	-0.0963
rs62459065	T	0.0679
rs17157984	G	0.0348
rs78184746	G	-0.0526
rs77590426	T	0.043
rs149732311	T	0.0859
rs7803602	A	0.0858
rs145689859	C	0.1877
rs148670193	C	0.1434
rs11554710	A	0.0471
rs2067634	A	0.0215
rs141413658	A	0.0869
rs35526683	C	0.0958
rs1182891	T	0.0321
rs117603700	T	0.1087
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rs10278129	G	-0.0354
rs111443080	G	-0.0673
rs802786	A	0.0262
rs78914218	G	-0.1274
rs1406628	G	-0.0422
rs12700229	T	-0.0281

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rs77306929	T	-0.0522
rs17464549	A	-0.1174
rs138128842	T	0.0324
rs145493821	G	0.1409
rs681385	G	0.0264
rs73157510	A	-0.1667
rs11540024	G	-0.0993
rs4719282	C	0.026
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rs62476226	T	0.0815
rs7780193	A	0.0616
rs7776826	T	0.038
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rs66677469	A	-0.0266
rs17352534	G	-0.0556
rs2893109	A	-0.0239
rs73144792	A	0.0281
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rs12532271	A	0.0267
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rs56998355	T	-0.0441
rs115344588	T	0.0515
rs73135194	G	0.0953
rs77268931	A	0.103
rs62483067	T	-0.141
rs6943731	T	0.033
rs12537496	A	-0.0279
rs58498831	G	0.0275
rs56371849	C	0.0229
rs17717645	C	-0.1218
rs4617108	A	0.0575
rs10486979	T	0.0735
rs73061333	T	-0.0628
rs28458270	A	-0.0441
rs113943842	A	-0.1382
rs4724785	C	-0.025
rs17154948	T	0.0365
rs12533103	A	0.0535
rs10241532	C	0.0399

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rs6944917	A	0.0505
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rs1881650	T	0.063
rs118141906	G	0.1847
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rs7456462	C	0.0472
rs143535094	C	-0.1321
rs2839834	G	-0.0654
rs78641188	A	-0.0415
rs6949899	G	-0.0261
rs76136436	T	0.0755
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rs2392581	G	-0.0215
rs78738783	C	-0.1135
rs13308242	G	0.0381
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rs38333	C	0.0477
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rs10254348	A	-0.0472
rs73158362	G	-0.1452
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rs78758465	C	-0.1783
rs7801022	A	-0.0626
rs7807123	C	0.0223
rs10951167	C	0.023
rs67597940	C	0.0992
rs17172194	A	0.0619
rs798336	C	-0.0425
rs77273237	C	0.142

rs77354398	A	-0.0437
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rs57625156	T	-0.108
rs10276578	T	-0.0316
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rs73042552	G	0.0661
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rs2191994	C	0.0379
rs75441711	A	0.0764
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rs59914810	G	0.0498
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rs76433408	A	0.0553
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rs2402180	T	0.0571
rs73205931	G	0.025
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rs56123946	C	-0.0715
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rs1003288	T	-0.168
rs273143	G	0.0239
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rs72592920	A	-0.1047
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rs3801909	T	-0.0231
rs1109443	C	0.041
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rs139758223	T	0.1242
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rs707704	T	0.1119
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rs17290183	T	0.0464
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rs12718121	A	0.0965
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rs41535251	C	0.0923
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rs10245726	G	-0.0261
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rs17621533	G	0.1202
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rs79589472	A	-0.1194
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rs4724964	C	-0.0251
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rs141087696	A	-0.168
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rs34832825	C	-0.0292
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rs55760216	C	-0.045
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rs73238199	T	0.0691
rs62475824	C	-0.0355
rs62450339	C	0.0601
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rs148337637	G	0.0772
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rs113676233	A	0.0468
rs3763432	T	-0.023
rs7795979	T	0.0512
rs2906167	G	-0.0228
rs73143179	G	-0.1282
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rs930339	C	0.0229
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rs2711014	T	-0.0278
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rs78699388	T	0.0986
rs116923905	T	0.18
rs4722103	C	-0.1383
rs2693726	C	-0.0243
rs75422854	A	0.0755
rs117161474	T	-0.1636

rs10241622	T	-0.0962
rs17164729	C	-0.0406
rs74412434	A	-0.1023
rs10280038	A	-0.1234
rs62461209	T	0.0709
rs17595064	A	0.0299
rs73158615	T	0.0632
rs36020274	A	-0.046
rs117562695	A	-0.0713
rs117262907	C	0.0947
rs79444715	G	0.0829
rs40143	G	-0.0219
rs6946799	T	-0.0237
rs150422355	T	-0.1389
rs17254711	A	-0.0955
rs140673762	T	-0.126
rs1991764	G	0.0221
rs17168780	T	0.0456
rs76687885	G	0.1041
rs4301397	C	0.0332
rs76894116	A	0.0704
rs74801114	C	0.1419
rs11977812	A	-0.0332
rs76758927	T	-0.1207
rs117955352	C	-0.0653
rs78916066	G	-0.0877
rs6464119	T	-0.0286
rs150640127	G	0.1035
rs56679115	T	-0.0349
rs2215580	C	-0.0269
rs35593508	G	0.0544
rs146204630	T	0.149
rs62501473	G	0.0278
rs62474147	G	0.0411
rs1997336	G	-0.0338
rs13235569	G	-0.0293
rs11767067	G	0.0249
rs112000003	A	0.1349
rs73171503	C	-0.0576
rs11771525	T	-0.0329
rs11762030	A	-0.0696
rs78915485	G	-0.1625
rs146284561	C	-0.086
rs2944272	G	-0.0378
rs11769200	A	-0.0292
rs79434718	A	-0.0874
rs141489247	A	0.0946

rs73214320	G	0.0746
rs6961372	G	0.064
rs73226906	C	-0.0663
rs112557620	A	0.0826
rs12538725	C	0.0239
rs6460960	G	-0.0219
rs142864303	T	0.1292
rs78370742	T	0.0472
rs1918261	A	-0.0247
rs7796232	T	0.0325
rs74467805	T	-0.0732
rs78845264	A	0.1081
rs139117707	T	-0.1009
rs4725565	A	0.0259
rs6972620	A	-0.0342
rs4720546	T	0.0261
rs112762953	T	-0.1297
rs722277	C	0.0215
rs113362089	T	-0.0525
rs73494161	C	0.0719
rs117582436	A	-0.0537
rs2158799	C	-0.0225
rs1528503	C	0.0226
rs76641388	T	-0.0489
rs140046410	C	-0.066
rs6948988	G	0.0388
rs1029559	A	-0.0221
rs142854193	T	0.0958
rs146782375	A	-0.0553
rs111840021	A	0.0677
rs73047187	T	0.0295
rs7808209	C	0.0244
rs10260404	C	0.0221
rs75038520	A	-0.0313
rs10265277	A	0.1041
rs35510569	T	0.172
rs62481788	C	-0.1082
rs4721709	A	0.0841
rs10249533	T	-0.0428
rs117888859	T	0.1058
rs2903400	T	0.0324
rs1912367	T	-0.0235
rs78884894	C	0.1048
rs139264037	T	-0.0923
rs62481150	G	0.0299
rs11973221	T	0.0867
rs7350039	A	0.0253

rs7788959	T	0.0566
rs56284030	C	-0.1411
rs80313515	A	0.115
rs13306993	G	-0.0222
rs79926438	A	-0.0276
rs196644	T	0.0337
rs118060065	C	0.1455
rs73164713	C	0.0505
rs4722829	T	0.0342
rs4721402	T	-0.0273
rs73146116	A	-0.1124
rs117636250	A	-0.194
rs10952807	G	-0.0301
rs2189638	G	0.0235
rs140660656	A	0.1669
rs10281498	C	0.0532
rs117365536	T	0.1171
rs142702069	T	-0.0596
rs140099385	T	-0.1443
rs112619356	T	0.0741
rs10250047	A	-0.0213
rs73160274	A	0.0986
rs79363616	G	0.0548
rs7778129	C	0.0926
rs10226436	A	0.0209
rs17259795	T	0.0256
rs141385383	T	0.1135
rs35531597	G	0.0403
rs147642472	T	0.1206
rs73080521	C	0.0727
rs35555176	A	0.0284
rs35525433	G	0.0814
rs79017614	T	-0.0733
rs9654903	T	-0.0312
rs77524431	T	-0.032
rs139672000	T	-0.1277
rs7800598	A	-0.0409
rs62438192	G	-0.0349
rs1362175	T	0.0212
rs140729436	G	0.1333
rs6948502	T	-0.0242
rs13311114	G	-0.023
rs117885103	G	0.0737
rs62479857	T	-0.0694
rs10277542	T	0.0258
rs74842200	T	0.0864
rs4720208	C	0.1123

rs66643431	G	0.0335
rs73074121	G	0.055
rs112239443	T	-0.0492
rs117989436	G	-0.1029
rs12530645	C	0.0319
rs117217076	G	0.1379
rs145223213	C	-0.1094
rs76535182	G	0.0378
rs7796302	A	0.0213
rs454	T	-0.0223
rs34064507	A	0.0361
rs10247502	A	0.0288
rs35936954	T	0.155
rs55901351	T	0.0587
rs13241741	C	0.1031
rs11772821	G	0.082
rs13232103	T	0.0863
rs73136471	A	-0.1073
rs12705587	C	-0.0324
rs73171814	T	0.0329
rs17167564	A	-0.112
rs117502983	G	-0.087
rs10270702	C	0.0259
rs28379233	T	0.032
rs12670446	T	0.0507
rs2530446	T	0.0234
rs76478602	A	0.1394
rs11980721	G	-0.0462
rs76640526	T	-0.1232
rs4637709	A	-0.0335
rs62462985	G	-0.0228
rs10228034	G	0.0239
rs2642268	C	-0.0229
rs147605424	A	-0.1178
rs60901799	T	0.0882
rs13230096	G	-0.1146
rs79462886	C	0.0544
rs688822	A	-0.0277
rs17321820	G	-0.0452
rs79167244	T	0.0612
rs4548075	C	0.0258
rs1633715	C	-0.0536
rs4720871	A	0.0792
rs116936775	T	-0.1607
rs6945054	C	0.0322
rs10244345	A	0.0293
rs12700827	G	0.0227

rs55920785	C	0.0279
rs73406288	T	-0.0593
rs34715900	G	0.0407
rs17706870	C	-0.1001
rs116987919	G	0.0909
rs4998803	C	-0.057
rs6978470	C	-0.0306
rs2970471	T	-0.0222
rs113705861	G	0.0408
rs11766726	T	-0.0468
rs17168771	A	0.0435
rs5029226	T	0.102
rs1420133	G	-0.0225
rs12539777	A	-0.0353
rs7776595	A	-0.0953
rs113741403	C	0.0584
rs118164299	T	-0.0605
rs76556624	T	0.0907
rs79971836	A	-0.1104
rs2526105	G	0.0485
rs713337	A	-0.0966
rs150790712	G	0.0808
rs145429728	C	0.1227
rs77065488	C	0.0772
rs112756178	C	-0.0584
rs141821132	A	-0.1472
rs2058274	A	-0.0355
rs1076517	A	0.0335
rs5012029	G	0.0227
rs1731855	A	0.0363
rs2367915	C	0.0218
rs76785870	C	-0.0722
rs235401	A	-0.1026
rs117451770	A	0.1729
rs73724045	T	0.1338
rs62446510	C	-0.1099
rs6465321	G	-0.0909
rs117344836	T	-0.1402
rs1419529	A	-0.0699
rs113697470	T	-0.0314
rs78081525	A	0.0539
rs7811125	C	0.0432
rs68103316	C	-0.0367
rs77355890	A	-0.0945
rs78730674	C	0.0721
rs76463017	A	-0.0714
rs77584600	A	-0.06

rs12699865	G	-0.023
rs71521782	T	-0.0394
rs148792801	T	0.1099
rs74485317	G	0.0285
rs13240759	C	0.0288
rs6957884	C	-0.0755
rs66979309	G	0.0246
rs11975638	C	0.0501
rs111630016	T	0.0632
rs17170608	G	0.038
rs73214741	A	0.0967
rs10249476	T	0.0221
rs75967976	A	0.1348
rs115549887	G	-0.1314
rs12530833	A	-0.1649
rs117544739	C	0.1137
rs111418528	C	-0.0705
rs2178057	C	0.0276
rs117483227	G	0.1125
rs117898413	G	-0.1791
rs1370917	C	-0.0224
rs62456583	G	0.0438
rs6955911	G	-0.0258
rs10260886	T	-0.0316
rs73115461	T	-0.0599
rs115913967	G	-0.0678
rs73108304	T	0.1174
rs77349793	C	-0.1605
rs117068800	C	-0.0557
rs7809107	G	0.0674
rs7796607	T	-0.0541
rs118151746	A	0.1124
rs10255971	G	-0.0296
rs1881007	A	0.0299
rs13229648	A	0.0245
rs3095029	C	-0.0273
rs1208209	A	0.0366
rs6967817	A	-0.1247
rs645793	C	-0.0281
rs10227141	T	-0.1306
rs71530539	G	0.1025
rs956089	A	0.039
rs13234669	A	-0.0644
rs10253827	T	0.0283
rs35230654	G	0.046
rs138798777	G	-0.0951
rs117518341	T	0.055

rs28564079	C	0.0636
rs62437912	A	0.1127
rs62462007	G	-0.0312
rs10272208	A	-0.0206
rs13241065	A	0.0264
rs2079262	G	-0.0294
rs929405	T	0.0409
rs6465381	C	-0.0318
rs11768801	A	0.0784
rs207210	G	0.0214
rs138449026	T	0.1382
rs116839932	A	0.0501
rs872491	G	0.1174
rs148898353	A	-0.0971
rs56118357	A	0.0654
rs10949684	G	-0.0451
rs62459637	C	0.0427
rs17811625	T	-0.0812
rs17861292	G	0.1348
rs78277340	T	-0.0596
rs150885016	G	-0.0946
rs17167552	C	0.1069
rs2523016	A	0.0539
rs147982156	A	-0.1556
rs12674051	A	-0.0437
rs117422089	C	-0.1261
rs118051337	T	-0.1431
rs4724481	A	-0.1402
rs10265155	C	0.0231
rs17143466	T	0.0717
rs2868777	A	-0.0727
rs62481823	C	0.0586
rs713598	G	-0.0228
rs17165008	A	0.0476
rs147302687	A	0.1874
rs80032372	A	0.0564
rs9656687	A	-0.0294
rs28379283	T	-0.0419
rs11764772	G	-0.0917
rs1429537	A	0.0576
rs117118687	G	0.1124
rs55649390	T	-0.085
rs13232003	G	0.0219
rs9784936	T	-0.0876
rs73049128	C	0.0979
rs12702670	A	0.0241
rs74703585	T	-0.1025

rs80020885	A	0.1347
rs2371872	G	-0.046
rs4732113	C	-0.0244
rs10260359	T	0.0374
rs144546841	A	-0.1257
rs2595704	G	-0.0216
rs28720702	G	0.1289
rs3729622	C	0.04
rs62459121	G	-0.0273
rs117637257	A	-0.0681
rs59079790	G	-0.1072
rs116946295	C	0.1008
rs161612	C	0.0236
rs6964431	T	-0.023
rs78910000	C	0.1077
rs7807362	C	0.0374
rs12532850	C	0.0214
rs115738375	C	0.0978
rs4947865	C	0.0259
rs10949834	A	0.0312
rs1406196	C	-0.022
rs115853373	A	-0.1083
rs11760901	A	-0.0982
rs17864929	C	0.097
rs75301094	A	0.1097
rs12705896	C	0.0273
rs55858541	A	-0.0308
rs118026861	C	0.0704
rs76401687	A	-0.0499
rs147898513	A	0.0973
rs405725	T	0.0556
rs80063574	C	-0.0488
rs7800411	C	-0.0227
rs3218552	T	0.0631
rs13231911	C	-0.0305
rs7385601	G	0.0214
rs118025340	C	0.1218
rs77783439	A	0.0991
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rs79374617	G	0.033
rs74522043	T	0.0864
rs58612109	A	0.0218
rs117137232	T	-0.1141
rs10233240	T	0.0276
rs143912796	A	0.133
rs151144316	A	-0.0959
rs77790056	C	0.1655

rs75735645	C	0.1208
rs10236216	C	-0.022
rs111375658	G	-0.0996
rs3917548	G	0.0443
rs74365117	A	-0.0943
rs141865717	A	-0.161
rs148716255	T	0.0702
rs10435058	G	-0.029
rs17170045	G	-0.0697
rs35156985	T	0.039
rs35507251	C	-0.0736
rs17146449	C	0.0298
rs6946008	A	0.0435
rs77979311	T	0.0547
rs150813	T	0.0438
rs76089999	A	0.0929
rs113752955	G	0.1326
rs17169046	G	-0.0646
rs6951397	C	0.0229
rs1659805	A	0.0294
rs13227272	C	-0.0352
rs7787630	C	-0.0431
rs17143281	T	0.1206
rs11977010	G	0.0282
rs4716573	C	-0.0651
rs113009596	A	0.1338
rs258849	A	0.0909
rs6947464	T	-0.021
rs147527948	T	-0.0537
rs11766232	T	-0.0446
rs13234975	C	-0.0238
rs35736024	C	0.1678
rs73110188	T	-0.1184
rs1732145	T	-0.0236
rs74986929	C	-0.0838
rs79075163	T	0.0737
rs9769730	A	0.0329
rs531088	A	0.0858
rs12698975	T	0.0679
rs75308247	C	-0.0421
rs10259110	C	0.1102
rs17143131	G	-0.0971
rs10953134	G	0.0394
rs6960548	C	-0.0291
rs117067562	G	-0.1198
rs79768008	C	0.037
rs11769338	T	-0.0314

rs1528512	G	0.0224
rs4726187	G	-0.0358
rs7787362	T	0.0245
rs10224288	A	0.0216
rs77193320	A	-0.102
rs10240988	C	0.0271
rs80313136	G	0.0753
rs6979407	C	-0.033
rs17164162	C	0.0768
rs317722	C	0.0486
rs116996844	C	0.0752
rs12671873	G	0.0474
rs66595363	A	-0.0442
rs4538793	G	0.0392
rs10232726	T	0.028
rs2188159	G	0.0273
rs139322663	T	0.1117
rs35313928	T	-0.1169
rs143632180	T	-0.1412
rs28716662	T	-0.0246
rs255167	G	0.0414
rs113924578	G	-0.0863
rs6461611	G	0.0286
rs78496132	T	0.0409
rs111767247	T	0.0782
rs58237078	C	0.1017
rs7794604	T	0.0211
rs79499545	C	0.1414
rs146174538	T	0.0796
rs28510688	G	0.0305
rs142199928	C	0.1111
rs218107	T	-0.0208
rs76725615	T	0.1109
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rs142138241	A	0.123
rs117385564	G	0.1258
rs73141872	A	0.0752
rs666121	T	-0.0366
rs140251324	A	0.1177
rs73696933	T	0.0363
rs78729555	T	-0.1231
rs73071083	A	-0.0579
rs7783279	G	0.0203
rs117364154	A	-0.0943
rs818494	C	-0.0581
rs2691588	A	-0.0251
rs12533530	G	0.0361

rs143491117	T	-0.1187
rs13235964	A	0.0369
rs76687522	G	0.0285
rs10243330	A	-0.0216
rs6964317	A	0.0233
rs117364612	C	0.1213
rs11979934	T	0.0772
rs77899429	G	-0.0767
rs148548045	A	-0.1038
rs2034510	G	0.0249
rs971818	G	-0.022
rs3735131	G	0.0977
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rs3843533	T	-0.0328
rs146053817	A	0.0819
rs28647841	C	0.0808
rs113277967	C	-0.1097
rs2011336	A	0.0218
rs3206736	T	-0.0317
rs13222653	A	0.0341
rs117976147	T	0.0351
rs73177620	A	-0.026
rs56967982	T	0.0904
rs2539826	G	-0.0913
rs62447922	A	0.0335
rs9655380	C	0.021
rs876590	C	0.0283
rs4476935	T	0.0209
rs139035138	A	0.0907
rs62481580	C	0.0446
rs10267401	A	0.0608
rs145271624	A	0.0693
rs118158584	T	-0.097
rs79946992	T	-0.0863
rs3888311	G	0.0246
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rs138963715	C	-0.1287
rs1431518	A	0.0434
rs80269587	C	0.0806
rs28608003	G	0.024
rs78527084	G	-0.0948
rs73165284	G	0.1458
rs887459	A	-0.0442
rs10228948	G	-0.0264
rs67050321	C	-0.0221
rs17417090	C	-0.0238
rs78682449	G	-0.17

rs2355328	T	0.0325
rs58579472	G	-0.0237
rs967050	C	0.0302
rs73740440	A	0.1085
rs7809883	G	-0.0265
rs111956025	T	-0.0297
rs150195893	G	0.1058
rs141484683	T	0.0943
rs146570191	G	0.1211
rs138541260	A	0.1075
rs117342777	A	-0.1458
rs146687467	C	0.1398
rs1375237	T	-0.0212
rs112190998	T	-0.0775
rs79706198	C	-0.1851
rs58270876	A	-0.0218
rs78253170	T	0.0298
rs13238507	G	0.0707
rs17366934	A	-0.0898
rs117924304	A	-0.0862
rs77160182	C	0.1214
rs1721482	T	0.0239
rs78718118	G	0.0904
rs12531078	C	0.0227
rs12154327	C	0.078
rs73351303	A	0.1193
rs34998949	T	-0.0406
rs39121	A	0.0202
rs1125208	C	-0.0295
rs117410309	A	0.0745
rs146445303	T	0.0456
rs1997123	A	0.0201
rs7799036	G	-0.0256
rs853071	G	-0.0544
rs35995317	G	0.0993
rs2717941	G	0.0318
rs484625	C	0.0464
rs116915350	T	0.1222
rs62447663	G	-0.138
rs12539506	T	0.1143
rs62465594	T	0.1223
rs12112334	G	-0.0362
rs34735197	G	0.0515
rs7799957	T	0.0216
rs13229371	T	-0.0238
rs118179983	C	0.0603
rs58292326	G	0.0271

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rs145997560	A	0.1738
rs11973216	G	0.0221
rs79200365	G	0.0443
rs62445828	A	0.0797
rs75670532	T	0.1249
rs146683624	G	0.1241
rs71578252	A	0.0977
rs149673598	G	-0.0878
rs4720814	T	-0.0489
rs111372030	A	-0.0422
rs144503156	G	-0.1214
rs17518998	G	0.0889
rs2374313	A	0.0201
rs11772639	C	-0.0284
rs17137816	C	-0.0261
rs4245567	C	0.0563
rs3823657	G	0.0632
rs11766751	C	-0.0322
rs11976979	A	0.0269
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rs10499755	T	0.036
rs42181	G	0.0354
rs62473585	A	0.0602
rs17639438	T	-0.025
rs62464788	G	0.0313
rs56249828	C	0.0219
rs11564032	C	0.021
rs117460325	T	-0.1205
rs17172306	G	0.0614
rs117635288	A	-0.0739
rs117995487	G	-0.0795
rs139245696	A	0.0536
rs17459241	T	-0.0218
rs10269294	C	0.0261
rs141326445	A	0.2161
rs117955931	A	-0.0823
rs74339898	C	0.0734
rs2141362	A	-0.04
rs13238838	C	0.0338
rs62446659	A	0.0719
rs148088171	G	0.0694
rs145447445	G	-0.1247
rs35825246	C	-0.0288
rs886505	G	0.0204
rs541415	T	0.0322
rs113548383	C	-0.0303

rs34293043	A	-0.0616
rs62443598	A	0.0289
rs10264231	T	-0.0305
rs799712	G	0.0302
rs1974489	T	-0.0248
rs17156942	G	-0.0436
rs4948076	G	0.0313
rs17367034	C	0.0936
rs2965366	T	-0.0302
rs4719704	G	-0.0387
rs77573589	T	-0.1254
rs1195221	G	-0.0242
rs2108073	C	0.0426
rs10487225	C	0.0471
rs2188872	G	0.0318
rs34289827	A	-0.0394
rs4074119	C	0.0237
rs78195070	C	0.0262
rs75070564	C	-0.0306
rs11767165	C	-0.0247
rs75430547	T	0.0562
rs139845795	A	-0.0914
rs6466236	T	-0.0522
rs17214004	T	-0.0611
rs17640401	T	-0.1355
rs74687253	A	-0.0592
rs79623377	A	0.0512
rs17697366	T	-0.0829
rs112023742	G	0.0692
rs13231615	A	-0.0838
rs145066611	A	0.1347
rs1030268	G	-0.0225
rs117161041	A	0.123
rs994306	A	0.0228
rs74574661	T	-0.0922
rs76545314	G	0.1426
rs79225790	T	-0.0672
rs1404041	T	-0.0205
rs75836291	A	-0.1285
rs75810263	A	0.1276
rs73169624	A	0.0601
rs2531037	T	-0.0302
rs73220186	A	-0.0448
rs118050197	T	-0.0979
rs28685713	G	0.0668
rs7790933	A	-0.0562
rs112871324	G	0.0402

rs117287276	T	0.0795
rs117003842	T	-0.0704
rs77166990	T	-0.1042
rs117542090	G	0.0672
rs79377053	A	0.0547
rs148743489	A	0.0854
rs199659	A	-0.0397
rs318585	G	-0.0751
rs79782196	A	-0.0647
rs929322	A	-0.0334
rs58146134	C	-0.161
rs11773736	A	-0.0219
rs117337251	G	0.0837
rs17705734	T	-0.0463
rs2293748	T	0.0207
rs143042331	A	0.0512
rs146227189	T	-0.0602
rs2099282	A	-0.0311
rs78423812	C	0.0795
rs4553	A	-0.022
rs146090591	T	-0.1354
rs142247162	A	-0.1124
rs2158768	A	-0.02
rs4722101	T	0.021
rs60171273	G	0.0271
rs4723127	G	-0.0209
rs111342824	G	0.0612
rs7383917	A	0.0336
rs10237147	G	0.0268
rs12668716	C	0.0354
rs62469044	A	0.1448
rs17272724	G	-0.0212
rs960316	G	-0.047
rs11761950	A	-0.0269
rs140260962	T	0.0864
rs112872348	A	-0.0809
rs142888109	G	0.122
rs147021356	C	0.1472
rs174978	C	0.0212
rs73210604	G	-0.1141
rs10486140	G	-0.1404
rs10258132	C	0.0354
rs75544000	A	-0.0982
rs78619205	C	0.091
rs10271744	A	0.0239
rs4909090	A	0.1215
rs75978360	T	-0.1145

rs9770544	C	-0.0277
rs17165530	T	0.0415
rs3807495	A	0.0213
rs117101848	T	-0.0837
rs116954070	C	0.058
rs807871	T	0.0239
rs38125	T	-0.0316
rs75382398	A	-0.1574
rs55856710	G	0.0691
rs116914745	T	0.0869
rs75932357	C	0.1077
rs2938504	A	0.0613
rs151055766	A	0.1153
rs4729976	T	0.0357
rs111322577	G	0.0696
rs78643463	C	0.0294
rs34466907	G	-0.1131
rs10271150	T	0.0309
rs150607	G	-0.0218
rs145288189	T	-0.1104
rs144628666	C	-0.0897
rs1860867	A	0.0382
rs116986160	A	-0.1049
rs141468826	C	0.1057
rs149598774	T	0.0903
rs78754800	C	-0.0893
rs138553251	T	-0.0881
rs10280844	C	-0.0308
rs117847998	C	-0.0767
rs146986883	T	0.1297
rs114193497	A	0.0528
rs10260111	A	0.0217
rs304803	G	0.023
rs60732348	T	-0.0382
rs12698186	G	-0.0333
rs139885797	A	-0.0595
rs62507050	A	0.0298
rs113253983	T	-0.0399
rs118104413	A	0.0898
rs117807393	C	0.1616
rs73077991	T	0.0723
rs74957998	T	-0.0564
rs141911937	T	0.1346
rs76145193	G	0.1943
rs35798385	T	0.0492
rs4727825	C	0.0747
rs6946551	T	-0.0263

rs150257620	T	-0.0373
rs150481811	A	0.0835
rs10240510	G	-0.091
rs62435371	T	-0.0557
rs55924429	G	0.0284
rs142860901	T	0.1022
rs705351	T	-0.026
rs73715114	G	0.0235
rs149103385	T	0.1052
rs10254582	G	0.05
rs2876862	C	-0.0213
rs6977438	T	0.1062
rs111981194	A	-0.1149
rs1859798	A	0.0308
rs117278879	T	-0.142
rs17168056	A	-0.0276
rs139700037	A	-0.1438
rs73153877	T	0.096
rs6943446	T	0.0219
rs56378865	C	-0.0438
rs145580602	T	0.1118
rs7787826	G	-0.1497
rs143338988	T	0.0873
rs1565628	A	-0.0323
rs12531806	T	-0.0315
rs2355092	C	-0.0258
rs6955974	A	0.0203
rs146871352	G	0.044
rs4455743	T	0.0209
rs142703226	A	0.0585
rs80254327	C	-0.0298
rs144080229	T	0.1164
rs11771629	T	0.0209
rs7804323	T	0.0396
rs3936103	C	0.0262
rs111823336	T	0.0924
rs58832265	G	-0.0651
rs847922	A	0.0761
rs117667816	C	0.1086
rs118140475	T	0.0911
rs62479324	G	0.1407
rs73740447	G	0.0276
rs80219231	A	-0.0806
rs77076746	T	0.1088
rs12532890	T	-0.0215
rs146358883	T	0.0691
rs17321119	T	0.0725

rs117385374	A	-0.0925
rs1990381	A	-0.0614
rs112389415	C	0.0474
rs117389774	T	-0.0904
rs116929256	A	0.0635
rs2528650	T	0.0221
rs13241973	A	-0.0227
rs77046554	G	-0.0573
rs28535364	A	0.0415
rs17274449	G	-0.1142
rs734900	C	-0.0538
rs73684804	T	-0.0976
rs73295445	C	0.0963
rs306723	G	-0.0205
rs1285909	T	-0.0734
rs11766076	G	-0.026
rs624502	T	0.0446
rs117153597	A	-0.1479
rs77437331	T	-0.0622
rs113511828	A	0.0792
rs62469405	G	0.0758
rs57590058	A	0.0273
rs4724359	C	0.0226
rs146491260	G	0.1102
rs2942562	G	-0.0203
rs34768970	A	0.0441
rs7811800	C	0.0341
rs9639635	A	0.0384
rs147113355	C	0.0683
rs79795851	G	0.0352
rs217554	G	-0.0211
rs79711231	C	0.0668
rs1524583	T	0.0208
rs76610954	T	0.0525
rs140237145	G	-0.1147
rs1522527	G	0.0294
rs61330082	A	0.0234
rs75244173	C	0.1379
rs60662306	A	0.0686
rs62447215	T	0.0347
rs78078245	G	0.1039
rs1468517	T	-0.0263
rs57358258	C	-0.0322
rs61244245	T	0.021
rs2528481	A	0.025
rs75626119	T	0.1188
rs11508468	A	0.026

rs78519558	G	-0.0654
rs141582822	G	-0.1468
rs9647683	A	0.0541
rs117076523	C	-0.0927
rs16874131	G	0.046
rs17170799	C	-0.0463
rs115819045	C	-0.0432
rs4722887	C	0.0434
rs2695568	G	-0.0274
rs17428785	T	0.1104
rs150469999	G	0.0566
rs2949767	T	0.0215
rs142692664	T	0.1132
rs80020669	A	-0.0972
rs59765664	A	-0.0415
rs74874178	C	0.1753
rs76291571	A	0.1005
rs144890299	A	0.1804
rs4141354	T	0.0232
rs12536521	A	-0.0797
rs3735259	A	0.1315
rs13233768	T	0.0435
rs148433404	T	0.11
rs11761769	G	0.0293
rs150181620	G	-0.0849
rs4640950	T	0.06
rs150025549	A	0.1228
rs4732065	T	0.0198
rs706155	G	0.054
rs80153822	G	-0.1041
rs73105929	T	0.1784
rs1229653	G	0.0228
rs4718189	T	0.0681
rs12673159	T	0.0236
rs146634903	T	0.1068
rs79199344	T	0.1148
rs75719450	C	-0.0818
rs13243666	G	0.0435
rs148224844	C	-0.1008
rs112427007	G	-0.0318
rs6971630	C	0.0226
rs78300077	A	-0.1005
rs139238239	A	0.0906
rs117916034	T	0.1045
rs146373017	G	-0.0524
rs79578652	A	-0.0273
rs10248621	G	0.0207

rs78417052	T	0.136
rs11514839	G	-0.0724
rs73083829	A	0.0281
rs4361695	G	-0.0304
rs2428927	A	0.0217
rs2460483	T	0.0252
rs150598554	C	-0.087
rs6961510	A	0.0316
rs10486317	G	-0.0492
rs111775586	G	-0.0501
rs17156560	C	0.133
rs4726499	G	-0.0248
rs149733450	A	0.1831
rs117035372	A	-0.0955
rs79873590	C	0.1557
rs17549133	T	0.0622
rs145340245	C	-0.0685
rs61756571	C	0.0549
rs77483481	G	-0.0543
rs17648	C	0.0262
rs6967177	C	-0.0237
rs75782629	G	0.0563
rs147419492	T	-0.174
rs961564	A	0.0239
rs56044965	T	-0.0631
rs73049325	G	0.052
rs12668317	A	0.0228
rs139925968	A	-0.1122
rs1859667	T	0.0303
rs10260481	T	-0.025
rs4960565	T	0.0803
rs151149153	G	0.0659
rs117530834	C	-0.1145
rs13233933	C	-0.0403
rs139738088	T	-0.0582
rs73112992	G	-0.0503
rs73169577	C	0.1107
rs6972455	A	0.0293
rs10266615	C	-0.0694
rs6961574	G	-0.0358
rs75594548	T	0.1163
rs2301911	G	-0.0804
rs6460818	G	-0.0247
rs11772090	A	0.0207
rs6467366	T	0.0252
rs1997011	C	0.0302
rs79875198	C	-0.0608

rs13236607	G	0.0369
rs79853837	A	-0.1029
rs117140710	C	0.1052
rs146602082	G	0.1948
rs117666749	G	0.024
rs67708934	A	-0.0577
rs10248388	C	-0.0507
rs7783698	A	0.0301
rs79264542	T	-0.1118
rs73058286	A	-0.1108
rs2020451	C	-0.0225
rs112823540	G	0.1314
rs882362	A	0.0207
rs112950415	C	0.164
rs76160867	C	-0.0858
rs74597998	A	-0.0837
rs17153997	T	0.0204
rs112995359	C	-0.1524
rs12707434	G	-0.0816
rs59608562	T	0.0534
rs145267197	A	0.1023
rs10263780	A	0.0281
rs17147989	C	0.0337
rs148031773	A	0.1229
rs10254169	G	-0.0398
rs55985730	G	0.0535
rs56739941	C	0.0382
rs6977240	G	0.0233
rs34786218	A	0.0799
rs149415372	A	-0.0606
rs62494291	T	0.0356
rs75254306	T	0.0543
rs78690380	G	-0.1002
rs55703874	G	-0.0835
rs146546654	C	-0.1471
rs7789949	C	0.1162
rs448210	A	0.0203
rs77488390	C	-0.1432
rs75015447	T	0.118
rs6969583	A	0.0443
rs12533381	A	-0.0483
rs4530935	T	0.0212
rs117003255	T	-0.0956
rs1362215	G	-0.0197
rs17667513	C	-0.0754
rs55976107	A	-0.0268
rs113804736	T	-0.0707

rs10488345	C	-0.0222
rs58759116	C	-0.0253
rs74381963	T	0.1326
rs7789646	T	-0.0604
rs73091233	C	-0.044
rs62478621	A	0.0444
rs112174963	C	-0.081
rs7786289	C	0.0205
rs2024248	G	0.0868
rs117571770	G	0.0954
rs4723021	T	-0.0443
rs117475163	A	-0.0952
rs61322867	A	-0.0394
rs117273005	A	-0.0927
rs73128610	T	0.0531
rs149782083	C	0.1337
rs11770303	C	-0.0811
rs1993094	C	-0.03
rs111959244	A	0.1397
rs79808290	T	0.1148
rs2189311	A	0.0211
rs6943055	T	-0.0346
rs2501440	G	-0.0217
rs75546197	T	0.0428
rs6973612	G	0.108
rs2117519	T	-0.0324
rs62452800	T	0.0965
rs10953721	G	-0.0215
rs35946341	G	0.0474
rs62448338	A	-0.0266
rs4731418	G	0.0241
rs10239567	A	-0.0282
rs79290247	T	-0.0705
rs118094880	A	0.0462
rs66669305	A	-0.0557
rs12155423	T	-0.0233
rs764723	A	0.0239
rs6463794	T	0.0438
rs12702911	A	0.0303
rs116996912	T	-0.1126
rs4729137	A	0.0198
rs117689425	G	0.0868
rs1079265	G	0.0225
rs118164698	G	0.0535
rs116858470	T	-0.143
rs41482947	T	-0.051
rs149298460	C	0.0365

rs151227573	A	-0.1976
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rs7808252	A	0.0269
rs112101425	T	-0.1229
rs6463779	C	0.0486
rs1837523	C	-0.0254
rs2634092	G	-0.0204
rs6957713	A	0.0408
rs150920393	T	0.1256
rs2727846	T	0.0259
rs2177795	A	-0.0424
rs7791717	T	0.0545
rs2190204	T	-0.0298
rs17136116	T	-0.0499
rs9648375	C	-0.0209
rs12718819	A	0.0443
rs75030876	T	-0.0881
rs73172908	C	0.0429
rs58347265	G	0.0484
rs6979515	C	-0.0197
rs28753677	G	0.0286
rs1179605	A	-0.0343
rs17153298	T	-0.0539
rs17132133	T	0.1033
rs79425103	C	-0.0781
rs75158997	T	-0.1049
rs886765	T	0.0348
rs150830068	A	-0.1195
rs62441892	T	-0.0364
rs77668198	A	0.0519
rs73159622	A	0.0606
rs117136684	T	0.1407
rs75196715	T	-0.1262
rs13229160	T	-0.1337
rs10281913	G	0.022
rs150520298	T	-0.1797
rs145057031	G	-0.0889
rs10267908	A	-0.0252
rs35301223	T	0.0597
rs10224415	G	0.0506
rs6463968	T	-0.0286
rs62446894	T	-0.0895
rs35220173	T	0.1217
rs143721490	A	-0.1606
rs1731355	G	-0.0343
rs11979797	T	0.0549
rs4732386	C	-0.0204

rs117979569	A	0.1264
rs147078427	T	-0.12
rs17862313	A	-0.0792
rs6465304	G	-0.0246
rs117914069	G	-0.1343
rs56282081	A	0.0456
rs6966236	G	-0.0252
rs12699659	C	-0.0275
rs1860531	T	-0.0239
rs74989189	T	-0.0883
rs34119690	T	0.0804
rs4728404	C	-0.02
rs4716447	A	0.0258
rs1636409	G	0.0247
rs73066013	G	0.1382
rs79684285	T	0.0637
rs10499481	C	0.0309
rs61407167	T	0.0772
rs141221783	C	0.0903
rs34376116	G	-0.0492
rs1733876	A	-0.0689
rs11771429	T	-0.0337
rs4947864	T	-0.0642
rs117999997	G	-0.0556
rs79676622	C	-0.1364
rs146365048	A	-0.1433
rs4720600	G	0.0418
rs4728500	C	-0.0394
rs7779534	G	-0.0249
rs12700893	A	-0.0215
rs117686839	T	0.1406
rs77352106	G	0.0506
rs302121	T	0.0274
rs73238193	G	0.0286
rs11762316	C	-0.0205
rs80083939	T	-0.1193
rs62466269	C	0.0211
rs683778	G	-0.0671
rs28572114	G	0.0462
rs10264199	C	0.025
rs3109433	T	0.0305
rs17209031	T	0.0237
rs113406048	T	-0.1084
rs6957850	T	-0.1712
rs62446761	T	0.0893
rs2727744	C	0.0217
rs117454762	A	-0.1135

rs117336065	A	0.0972
rs62451586	A	0.0329
rs79581811	C	-0.1897
rs78512671	A	0.1102
rs80073993	T	-0.047
rs62482461	A	-0.1014
rs62482945	T	-0.0432
rs12674035	A	0.0705
rs4731623	A	0.0625
rs28450978	C	0.0668
rs6963498	C	-0.0238
rs34254427	G	-0.117
rs62500789	A	0.0362
rs71566703	T	-0.0486
rs2267881	C	-0.0204
rs117349131	C	-0.1335
rs17478890	C	0.0376
rs6966750	T	-0.0232
rs2285943	T	-0.02
rs112627484	T	-0.055
rs74631427	A	-0.0533
rs34290936	G	0.0334
rs150296381	T	0.1244
rs7805248	G	0.0696
rs75388673	G	-0.0336
rs12540520	C	-0.0463
rs57007054	A	0.0577
rs117646443	T	-0.0921
rs78946363	A	0.0375
rs17350515	A	-0.0256
rs112165822	T	0.0768
rs13225183	T	-0.0317
rs28884831	T	0.0248
rs12670132	G	-0.026
rs117791788	G	-0.1094
rs74436047	T	0.0598
rs34420973	T	0.1082
rs3956665	C	0.0218
rs74752840	A	0.0483
rs117258619	C	-0.1234
rs77071878	T	-0.0564
rs62456804	T	-0.054
rs139854416	G	-0.099
rs11762168	T	0.0435
rs147263866	C	-0.1351
rs117547329	T	0.0826
rs73715304	A	-0.0294

rs62449364	G	-0.0267
rs10244840	G	-0.0231
rs141519570	A	-0.1136
rs73477651	T	0.0237
rs79133698	G	-0.0737
rs1628197	C	-0.0193
rs79448043	G	0.0988
rs10952755	A	0.0304
rs35183929	C	-0.0386
rs2074748	G	0.1144
rs73485699	T	0.0809
rs78389063	C	-0.0744
rs55645606	C	0.0369
rs117626618	T	-0.0464
rs2692430	G	0.03
rs78734830	A	-0.0403
rs9649808	C	-0.0452
rs4718722	C	-0.0194
rs75516541	G	-0.0731
rs117609149	A	0.0664
rs76024622	C	0.1192
rs17153674	T	0.0325
rs73164374	C	0.0912
rs118088294	G	-0.07
rs147447470	T	-0.0782
rs143747981	G	-0.0578
rs12671649	G	-0.0358
rs141463960	C	-0.1239
rs802192	A	-0.068
rs6972000	G	0.0489
rs6462803	A	0.0805
rs77877909	T	0.0638
rs9969155	T	-0.0838
rs12718496	A	0.0203
rs117721509	A	0.1274
rs79164340	C	-0.1073
rs4475383	C	0.0374
rs3757596	A	0.0523
rs79694276	T	-0.1585
rs1735087	C	-0.0202
rs17147267	A	-0.0263
rs2903598	T	-0.1511
rs2625400	C	0.0247
rs17495590	A	0.1339
rs1525513	G	0.0197
rs4730285	C	0.0409
rs17862340	T	-0.0387

rs67169845	A	0.0878
rs118170002	C	0.1237
rs74692743	T	-0.0995
rs2971036	T	-0.0313
rs117268673	T	-0.0783
rs140279526	C	-0.0823
rs75754264	G	-0.1064
rs3807228	T	0.0401
rs7781014	C	0.0217
rs499953	G	0.0238
rs35967536	A	-0.0458
rs145881069	T	-0.0897
rs10807725	G	-0.0362
rs62447167	T	0.0423
rs272663	T	0.0251
rs35709627	A	0.0794
rs16872383	T	-0.0296
rs6953041	G	-0.033
rs13224525	C	0.0248
rs76727930	G	-0.0846
rs148935394	G	0.0656
rs118044442	A	-0.1441
rs149139205	C	-0.138
rs117002191	T	0.0549
rs139242962	T	0.0792
rs10248580	T	0.0257
rs28447185	T	-0.021
rs10269867	C	0.043
rs11535228	T	0.0406
rs76730145	A	-0.1077
rs11762520	T	0.032
rs116945925	T	-0.1578
rs79394434	C	-0.0755
rs75722109	C	0.0525
rs2079888	A	0.0247
rs7455872	A	0.0214
rs146231889	T	-0.2123
rs12112299	G	-0.0883
rs73193746	T	0.0438
rs12537281	T	-0.0316
rs75316717	G	-0.0464
rs138759023	A	-0.1165
rs142339756	C	-0.0897
rs757683	T	-0.02
rs2394502	A	0.0504
rs117328598	T	0.1205
rs144800125	C	-0.0336

rs2711027	A	-0.0193
rs11489452	C	0.0463
rs9641219	G	-0.0206
rs11970793	T	0.0344
rs112659834	G	0.0809
rs145271874	C	-0.1568
rs6973398	C	0.0519
rs117781784	T	-0.1264
rs4302794	T	0.0413
rs118168602	G	0.0778
rs16871112	G	-0.0624
rs1405992	A	-0.0675
rs117891853	A	0.0652
rs71538040	T	0.0384
rs7782329	C	-0.0452
rs77922561	G	0.0723
rs7781440	T	0.0287
rs117408557	G	0.1002
rs4726484	A	-0.0267
rs6969241	C	-0.0506
rs4427074	G	-0.0413
rs6967028	C	0.0341
rs78854667	T	0.0734
rs300533	C	0.0226
rs74695706	G	-0.0835
rs76044193	T	0.091
rs6956360	A	-0.0205
rs4725395	G	0.0221
rs146487426	C	-0.1176
rs140776873	T	0.1725
rs1353563	G	0.023
rs573017	C	-0.0437
rs62495819	A	-0.0733
rs10237191	T	0.0792
rs17143831	G	0.0309
rs117163136	A	0.08
rs74853323	G	0.0328
rs79521811	C	0.1349
rs12707085	T	0.0363
rs7800754	A	-0.0419
rs12533066	G	-0.0257
rs12718975	T	-0.0277
rs10248360	A	-0.0198
rs57925255	C	0.0709
rs4720401	G	0.0203
rs117148543	C	-0.1573
rs73322523	A	-0.0794

rs117271000	A	-0.094
rs60794956	A	-0.1282
rs1802073	T	-0.0198
rs117290238	C	0.0564
rs39439	T	-0.0258
rs116208440	T	0.1118
rs74509800	T	0.144
rs139546511	A	0.0987
rs2699779	G	-0.0247
rs73671970	G	0.0414
rs6462228	A	-0.0236
rs148586084	C	-0.0548
rs506875	C	0.0266
rs117943867	G	0.1511
rs17547853	A	-0.0312
rs2242029	A	0.026
rs75339298	G	0.0716
rs3934868	A	-0.0252
rs7796437	G	-0.022
rs115772308	C	0.0354
rs157926	C	0.0234
rs2971741	T	0.0975
rs111549903	C	-0.0701
rs28374747	A	0.0235
rs12666031	G	-0.063
rs34182312	C	0.0316
rs58647432	C	0.1558
rs7783368	G	0.0362
rs6962036	T	-0.0996
rs6967655	T	0.0453
rs12702020	G	-0.0853
rs117551236	C	-0.072
rs117634525	A	0.0558
rs11769315	G	0.1085
rs62465983	G	-0.1179
rs489916	C	-0.0239
rs79509517	C	-0.0574
rs73158267	A	0.0796
rs17375390	A	-0.0525
rs79264750	A	0.1033
rs62445409	T	-0.0221
rs10954664	C	0.0196
rs17863228	T	0.0196
rs10244562	T	0.0559
rs61121697	A	-0.0297
rs219266	C	-0.0621
rs850074	A	-0.0264

rs6949521	G	-0.0821
rs117615138	C	0.0818
rs80258026	C	-0.0813
rs77237897	T	-0.0777
rs6955790	C	-0.0276
rs2471905	G	0.021
rs2727803	C	-0.0198
rs77876529	G	0.0752
rs78027772	A	-0.0586
rs73162738	C	-0.0591
rs17156534	T	0.089
rs2374678	T	-0.054
rs6958434	T	0.0276
rs28611315	C	0.0395
rs62448745	A	0.0565
rs73132140	G	0.0798
rs117461769	G	-0.1151
rs117756006	T	-0.1356
rs62460338	T	0.0545
rs42077	C	-0.0283
rs4808	T	-0.0231
rs16874924	C	0.0261
rs2049387	A	0.0217
rs117778854	T	-0.0515
rs74544846	T	0.0558
rs79206892	A	-0.1063
rs74326718	T	0.0576
rs76393003	T	-0.0369
rs144161825	G	-0.1439
rs35577833	T	0.0708
rs150613	A	0.0225
rs78509173	T	0.1011
rs61023017	C	0.0368
rs142006223	G	-0.0429
rs56412240	T	0.0692
rs117425320	T	-0.0325
rs62456184	A	-0.022
rs76481702	C	-0.0835
rs149707170	G	-0.0629
rs78759229	C	-0.134
rs140724128	A	-0.1236
rs11761143	T	-0.0484
rs71543791	A	0.1169
rs314657	A	0.0293
rs3817557	T	-0.0297
rs73486021	C	-0.0461
rs850556	C	-0.0224

rs144114273	T	0.1079
rs115130914	C	-0.0319
rs2108941	T	-0.0547
rs141048332	T	-0.1436
rs10953870	A	0.0203
rs56290847	A	0.0396
rs79775380	A	-0.0942
rs1675569	A	-0.0218
rs4719680	T	-0.0279
rs6973014	G	0.0245
rs10278814	T	-0.0281
rs848474	G	0.0196
rs117490597	C	0.0894
rs12530606	A	-0.0205
rs77032156	G	0.1138
rs1991313	C	-0.0257
rs139135206	C	0.0942
rs73498044	A	-0.0511
rs79072625	A	0.09
rs140481765	A	-0.1591
rs755349	A	0.0399
rs62454712	C	0.0259
rs10435126	G	-0.0424
rs35127557	G	0.0287
rs111763221	A	0.1167
rs55696825	T	-0.0224
rs1676911	T	-0.0232
rs6957588	G	0.0695
rs10270627	G	-0.0195
rs73161322	G	-0.035
rs750464	T	-0.0446
rs117663768	T	-0.095
rs17496031	C	0.0698
rs1011441	G	-0.0213
rs17166330	T	-0.0243
rs56076739	A	-0.0206
rs148487752	A	-0.1434
rs10807660	T	-0.0273
rs7777594	A	-0.0487
rs112178775	A	0.0527
rs149027120	G	-0.0752
rs71550904	C	-0.0631
rs2188148	T	0.0264
rs11764098	G	0.0961
rs118126799	C	0.1035
rs73206874	G	0.0522
rs148449364	G	-0.0715

rs34011652	C	0.021
rs146877251	G	0.0963
rs11770421	C	0.0273
rs12690837	A	-0.0633
rs12718939	A	0.0201
rs34184609	T	0.0698
rs2944814	A	0.0186
rs10264043	C	0.0306
rs157934	C	-0.0211
rs79597403	T	0.1655
rs77005385	T	0.0497
rs218138	A	-0.031
rs57447448	G	-0.0873
rs60969734	C	0.0952
rs149775673	A	0.099
rs6969728	A	0.0207
rs12535648	C	-0.0295
rs572250	G	0.0255
rs79123154	T	0.0988
rs111297338	A	0.0486
rs77448786	C	-0.0956
rs11983707	T	-0.0769
rs6954931	G	-0.0279
rs1866573	G	0.1535
rs144526050	T	0.0903
rs4724065	T	-0.0264
rs62444753	C	-0.0309
rs77317256	G	0.0987
rs76551060	T	0.0813
rs17153394	T	0.038
rs62491054	G	0.0485
rs80058453	G	-0.1179
rs75779620	C	-0.0803
rs140622649	G	-0.0728
rs56132087	C	0.1063
rs76746037	C	0.0685
rs286545	A	0.0272
rs75303132	C	0.0998
rs983497	A	0.0349
rs73041570	T	-0.0414
rs79155275	A	-0.0944
rs17672457	G	-0.0463
rs78929845	G	-0.0758
rs12702509	G	0.0283
rs7801030	C	0.0398
rs75894962	C	-0.0993
rs75252689	T	0.0543

rs150439718	C	-0.0281
rs10277665	C	-0.0254
rs12702367	T	0.0202
rs12705149	C	0.0252
rs17376373	G	0.043
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rs62444669	C	0.0569
rs10257471	A	-0.0687
rs10499858	G	0.0394
rs62622406	T	0.0885
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rs10487762	T	-0.0303
rs77299546	A	0.04
rs113357258	T	0.0759
rs116866223	G	-0.1512
rs117750744	T	-0.0998
rs34906271	G	0.0208
rs4446672	G	0.0293
rs1108864	C	0.0245
rs10272727	T	0.0193
rs139365075	G	-0.0811
rs62464049	G	0.0553
rs10238387	C	-0.0251
rs6966047	T	0.043
rs112013316	T	0.0744
rs11763130	G	-0.0229
rs11978682	G	-0.0644
rs76855160	A	0.0666
rs76129746	G	0.0817
rs145928980	T	0.1506
rs28526781	A	-0.0373
rs2470932	T	0.025
rs2906409	G	0.0192
rs142674483	G	-0.1667
rs2299893	G	-0.0216
rs35622755	G	-0.0534
rs60629322	G	0.1167
rs757524	G	0.0847
rs2729549	C	-0.0244
rs73181649	G	-0.0574
rs17159201	G	0.1168
rs112955057	T	-0.1163
rs56184508	T	0.0365
rs7781416	G	0.0274
rs17256477	T	-0.0608
rs78638169	G	-0.0608
rs6963617	T	0.0233

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rs117901794	A	-0.0757
rs7801609	A	0.0961
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rs115364130	A	0.0849
rs4562244	G	0.0194
rs75938160	A	0.0875
rs76684936	A	0.0656
rs117694744	T	-0.1518
rs17379997	T	0.0334
rs148922085	G	0.1045
rs3893568	T	0.0299
rs73070418	T	0.0604
rs6959589	G	0.0792
rs705337	T	0.029
rs1688934	A	0.0194
rs144900329	G	0.0828
rs3114423	A	0.0541
rs2700911	T	-0.0238
rs116911941	G	0.1526
rs34458430	G	0.0342
rs71549329	A	0.1055
rs111512307	T	0.1218
rs34009550	T	-0.0572
rs11773028	C	-0.0211
rs1568844	C	0.0254
rs310587	A	0.0273
rs56758628	C	-0.0479
rs11552744	A	0.0816
rs77489095	C	0.0431
rs112497204	G	-0.1112
rs113354822	T	-0.0492
rs60813659	T	-0.0423
rs143366982	T	-0.0241
rs13230532	T	0.123
rs117470439	A	0.1384
rs79401968	C	-0.0356
rs62471539	T	-0.1262
rs74658014	C	-0.0431
rs74866478	C	-0.0777
rs112558837	A	0.1547
rs113991636	A	-0.0699
rs34832590	T	0.0327
rs117784758	G	-0.1307
rs12672090	G	0.0191
rs7781584	A	0.0288
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rs6947055	T	0.0876
rs12702535	C	-0.0238
rs6953682	G	-0.0354
rs6942831	G	0.0204
rs117321303	C	-0.1635
rs56042994	G	-0.0257
rs68004894	G	0.0333
rs149652300	T	-0.1454
rs118098949	A	-0.0816
rs145696025	T	0.1124
rs74614872	G	-0.1015
rs1859768	T	-0.0198
rs10259352	G	0.0192
rs6966759	A	-0.0273
rs10232125	G	-0.0206
rs35642091	T	0.0298
rs142495890	C	0.1555
rs17332440	C	0.0788
rs6949597	A	0.0196
rs2711346	C	0.0632
rs17132418	C	0.0771
rs142991771	T	0.1262
rs7458521	T	0.0279
rs13238805	T	0.1421
rs2464947	A	-0.0863
rs118049281	T	0.0964
rs118087745	C	0.1183
rs1548638	T	-0.0205
rs145608946	A	0.0507
rs117613566	A	-0.1706
rs74995252	A	-0.1102
rs4720731	A	-0.0404
rs34289290	T	0.0602
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rs11769293	T	-0.0714
rs77313586	T	0.051
rs6963721	C	-0.0237
rs34807801	T	-0.0615
rs10228564	T	-0.0253
rs71551223	C	-0.059
rs150425596	G	-0.0861
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rs6960950	G	-0.0386
rs10247300	A	0.0199
rs78556203	T	0.1236
rs12532163	C	-0.021

rs78343530	A	-0.1346
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rs140878963	A	-0.0964
rs77335686	C	0.0893
rs12534453	G	0.0414
rs79736513	A	-0.0769
rs76380505	T	0.101
rs78512819	A	-0.0875
rs12706994	T	-0.0745
rs2190935	T	0.0193
rs62456061	T	0.0313
rs4593484	G	-0.1199
rs146550260	T	-0.0454
rs112393619	A	0.0588
rs112931287	G	0.0657
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rs13243618	C	0.0225
rs118124981	T	-0.0664
rs411776	A	0.0954
rs759657	G	-0.0499
rs6464166	C	0.0265
rs17686832	T	-0.025
rs38958	C	-0.0378
rs6942399	C	-0.0237
rs78447765	C	-0.0443
rs10487316	C	-0.0381
rs157944	G	-0.0267
rs117813491	A	-0.0632
rs150290553	G	-0.1471
rs35218421	A	0.0222
rs75227775	C	-0.094
rs117414517	A	0.0706
rs141824671	G	0.1076
rs3779452	C	-0.0244
rs117066720	A	0.169
rs78986541	A	0.0329
rs79177720	C	-0.0658
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rs74522535	T	0.0591
rs79889898	G	0.0376
rs318572	C	-0.0197
rs6593266	A	0.0207
rs78241237	G	-0.0587
rs10480442	G	0.0634
rs7383998	C	0.1056
rs895710	T	-0.0194
rs62444463	G	0.0688

rs78543513	C	-0.0435
rs17157585	C	0.0244
rs17314955	C	-0.1403
rs78627146	C	0.0476
rs10246157	A	0.0249
rs77383078	A	-0.1259
rs118009044	T	-0.1064
rs4719831	G	0.022
rs117477826	A	0.1403
rs13230778	A	0.0789
rs74721945	C	-0.0446
rs79575437	T	-0.0928
rs10274130	C	0.0625
rs77110733	C	-0.1239
rs113369035	T	0.0939
rs75270669	A	-0.1514
rs143783128	G	-0.0775
rs75323514	G	0.1589
rs36199726	C	0.0514
rs118180640	G	-0.0509
rs1206387	C	0.0291
rs117619335	G	-0.0722
rs10257657	T	-0.0193
rs12111630	T	-0.024
rs117875458	C	0.0885
rs849322	A	-0.0189
rs11764303	G	0.0357
rs74860216	A	-0.0926
rs79010415	C	0.0737
rs7789134	C	0.0193
rs116953158	A	-0.097
rs7810741	G	0.0305
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rs78040638	T	-0.03
rs848452	T	0.0334
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rs73149916	G	-0.064
rs73154274	A	0.0307
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rs13245654	T	-0.0418
rs1881645	G	0.021
rs3944102	C	-0.026
rs6947510	A	0.0187
rs2214726	G	-0.0278

rs112888228	G	-0.1215
rs34625486	T	0.0711
rs7807337	G	-0.0195
rs2091110	A	0.022
rs73126149	A	0.04
rs17565995	C	0.1287
rs118135439	C	0.0602
rs113563543	T	-0.0648
rs12703769	C	-0.1044
rs55788064	G	-0.0272
rs117993013	G	-0.1595
rs2227983	A	0.023
rs117448083	G	-0.1946
rs1881170	C	0.0556
rs78057363	T	0.0704
rs79760243	T	0.128
rs118000134	A	0.1069
rs2396969	A	0.0586
rs73213941	C	0.0675
rs75834704	A	0.0934
rs10243972	A	-0.0446
rs13230920	T	0.0404
rs79715837	T	-0.0379
rs140012602	A	-0.1301
rs145174846	A	-0.0893
rs149322794	G	0.1578
rs117730347	A	0.0825
rs10215311	T	0.0291
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rs11773505	G	-0.1241
rs141566438	C	0.1085
rs2191034	A	0.0414
rs34796513	G	-0.1315
rs6460090	G	0.0796
rs117056856	A	0.0869
rs148945021	T	0.1035
rs78170391	G	0.0722
rs77087276	C	0.1131
rs62470166	A	-0.0792
rs9654707	C	-0.0638
rs1647795	C	-0.0199
rs112605674	T	0.0516
rs117093982	T	0.0641
rs6464450	G	-0.0388
rs77329945	A	0.099
rs3823518	C	-0.0214
rs10226846	G	0.0258

rs118173432	T	-0.1475
rs10242720	C	-0.0201
rs4440514	C	-0.0248
rs77039984	A	0.0878
rs34414323	G	-0.1
rs149904285	C	0.1575
rs1833090	A	-0.0209
rs12386747	A	-0.0413
rs10224038	A	-0.0276
rs143084323	G	-0.0326
rs62455368	G	-0.031
rs7784116	A	0.1732
rs62462208	T	0.0336
rs111474588	T	-0.1111
rs11762209	G	0.0311
rs111954136	G	0.1114
rs113509794	C	-0.0867
rs140575110	T	-0.0979
rs10250915	T	-0.023
rs2555048	C	0.0196
rs6975809	G	0.0321
rs6977597	A	0.0315
rs6461264	G	-0.0186
rs12671067	T	0.0362
rs1017002	C	-0.0191
rs763317	A	-0.0187
rs77444844	G	-0.1177
rs986062	A	-0.0204
rs11764240	A	-0.0302
rs71540268	T	0.0625
rs1109277	C	0.0193
rs17624598	T	-0.1701
rs117792957	A	-0.1191
rs1012090	C	0.0267
rs4726783	G	-0.0246
rs144259943	A	0.1749
rs117653898	T	0.1257
rs73205983	G	-0.0714
rs10271926	C	-0.0204
rs76887009	A	-0.0292
rs145148678	A	0.1
rs117224447	T	-0.0707
rs2216075	A	-0.0328
rs4730275	T	0.0198
rs76240477	G	0.081
rs1530820	A	-0.0212
rs11761383	T	0.0444

rs10275769	C	-0.0188
rs10486201	T	-0.027
rs145978581	T	0.1115
rs1681288	G	0.0243
rs3778709	C	-0.0202
rs4409354	T	-0.0202
rs148331633	T	0.0598
rs117294606	T	0.121
rs149309380	G	0.0784
rs77990495	A	0.0207
rs111811152	A	-0.0603
rs10952752	G	-0.0198
rs1075234	T	-0.0281
rs741838	T	0.033
rs62478277	T	-0.1214
rs73185880	G	-0.027
rs6466899	T	0.0248
rs17670818	A	-0.0457
rs2030861	G	-0.0187
rs113043276	G	0.0914
rs55844228	T	0.0927
rs73149847	T	-0.0323
rs140591827	G	0.106
rs144955952	A	0.0931
rs7800477	G	-0.0732
rs115150719	G	0.137
rs11533930	T	0.0602
rs145273304	C	0.0888
rs142991792	A	-0.0979
rs4724512	G	0.0345
rs10954676	A	-0.0233
rs76814278	A	-0.0659
rs144567832	T	-0.0557
rs10227858	C	-0.0295
rs13230674	A	-0.0288
rs55647445	A	-0.0404
rs4997807	T	0.0196
rs61234847	A	0.1063
rs58839422	G	-0.0452
rs35944523	G	-0.0682
rs17172457	T	0.0558
rs41601	C	0.0187
rs4729514	A	0.0252
rs117208500	T	-0.1058
rs3801345	T	0.0449
rs4720584	G	-0.0197
rs17437496	T	0.0638

rs10249287	G	0.0306
rs117823179	G	0.1625
rs79973718	T	-0.0716
rs74443372	G	-0.0574
rs13241633	T	-0.0671
rs848403	A	-0.0205
rs79025338	C	0.0696
rs117484175	A	0.1077
rs10952373	T	-0.026
rs117989766	C	-0.1036
rs17173197	T	-0.0192
rs62480411	C	0.0226
rs6943930	C	-0.0556
rs56318548	A	0.0553
rs6967497	T	-0.0268
rs150949599	C	-0.1229
rs11981038	A	-0.0249
rs13239638	A	0.021
rs16872494	A	0.082
rs138934652	T	0.045
rs10274223	T	-0.0426
rs386437	A	0.129
rs77744143	T	-0.0753
rs584394	C	-0.0234
rs73232631	T	0.057
rs117092584	A	0.0705
rs147253054	A	0.057
rs62465802	C	0.1427
rs142566764	A	0.1594
rs12707236	G	-0.0267
rs118099258	G	0.118
rs75033400	G	0.039
rs12666455	T	0.0545
rs11760281	A	-0.0217
rs73414213	T	-0.0245
rs113441260	C	-0.0784
rs11974508	C	-0.0474
rs10247700	A	-0.0199
rs78455900	A	-0.0386
rs2030790	C	-0.0468
rs73176835	C	0.0436
rs73089168	T	0.0368
rs11770780	C	-0.0295
rs73127064	G	-0.0711
rs140398185	A	-0.0726
rs112207000	T	0.0786
rs73056170	G	0.0336

rs245922	T	-0.0236
rs940378	G	0.0492
rs62450420	T	-0.0453
rs2276536	T	0.0777
rs2642138	C	-0.0294
rs76025010	T	0.1352
rs117743149	C	0.0798
rs41308870	A	0.1561
rs78492849	C	0.1385
rs17165191	C	0.0269
rs6964588	C	-0.108
rs73160527	C	-0.1075
rs140861971	A	0.1404
rs62456194	C	-0.0674
rs17544266	C	0.1104
rs1876043	A	-0.0427
rs14270	C	0.053
rs7796597	C	-0.0296
rs4327750	T	-0.0196
rs10266907	C	-0.0291
rs28555365	T	0.0596
rs10244725	T	0.0924
rs111608589	A	-0.1162
rs6950208	A	0.0265
rs78925043	A	-0.0366
rs6969922	A	-0.0336
rs10226831	A	0.0307
rs145325361	T	0.1171
rs3808258	C	0.044
rs12538845	A	-0.0304
rs4727710	A	-0.0178
rs28473402	C	-0.0314
rs10251396	C	-0.019
rs13234998	C	-0.028
rs77395240	C	-0.0679
rs150584585	T	-0.0809
rs1659812	G	0.0258
rs7777690	T	-0.0661
rs17529991	C	0.0943
rs11973076	C	0.0298
rs7797071	G	-0.0595
rs2528643	T	-0.0195
rs144697490	T	0.0415
rs150640087	T	-0.0853
rs219236	A	0.025
rs12539785	A	-0.0585
rs146206955	T	0.1017

rs13238736	T	0.0239
rs35965629	T	0.0253
rs143526741	A	0.1262
rs117115784	T	0.1048
rs116885673	T	0.1069
rs57009672	T	0.0446
rs6977776	T	-0.0286
rs10488463	C	0.0294
rs17672475	G	0.119
rs13224322	A	-0.0211
rs74764946	A	0.0473
rs79616118	A	-0.1003
rs11769036	A	-0.0593
rs11771309	A	0.0931
rs2037636	T	0.0638
rs12540505	A	-0.021
rs143266869	A	-0.1184
rs146035742	T	0.1392
rs740145	C	0.0603
rs118166359	A	-0.0986
rs143245946	T	-0.1782
rs732398	C	0.0205
rs139976084	C	-0.1388
rs1546740	T	-0.0504
rs13222308	G	-0.1382
rs12670420	A	-0.0272
rs55816952	A	0.0785
rs35748753	T	-0.0211
rs57948129	C	-0.0321
rs2233397	A	-0.0206
rs13233709	A	0.0195
rs17473999	T	0.0704
rs117515602	G	0.0346
rs148171877	A	-0.1654
rs75426340	A	-0.1415
rs10257135	C	0.0254
rs12699842	C	-0.0734
rs71541305	G	-0.0901
rs6959625	A	-0.0376
rs140464632	T	0.1375
rs59970113	T	0.0778
rs11762476	A	0.122
rs112022696	G	0.0789
rs4721969	C	-0.0181
rs6960666	A	-0.0345
rs77958922	G	-0.0697
rs149767109	C	0.1078

rs16163	A	0.0557
rs73110108	T	0.0256
rs16882280	G	0.05
rs73067596	A	0.065
rs144585044	A	0.0943
rs34772540	C	0.0982
rs116846721	C	0.0858
rs10235861	G	0.042
rs9690828	G	0.0246
rs150558032	A	-0.0718
rs117094612	G	0.1243
rs79779587	A	-0.1075
rs10277990	C	0.0269
rs2192601	A	0.0363
rs2246709	G	0.0208
rs117889431	C	-0.0882
rs12533187	C	-0.0957
rs62475299	T	0.0458
rs10245536	T	-0.0296
rs7799877	G	-0.1053
rs34029083	C	0.0357
rs1186745	A	0.0588
rs143879654	G	0.1253
rs12536996	G	-0.0313
rs17640003	C	-0.0443
rs117650598	T	-0.0481
rs148638821	A	0.1435
rs161339	G	0.0381
rs112273128	T	0.0682
rs138362339	A	0.0673
rs798334	G	-0.0269
rs149945779	A	0.0833
rs145751085	A	-0.0841
rs112216314	A	0.0437
rs56931946	T	-0.0369
rs12673237	T	0.0226
rs10276883	A	-0.0371
rs626030	T	-0.0412
rs6965808	A	0.0194
rs1732002	C	-0.0268
rs75485115	T	-0.0387
rs34056816	C	0.0424
rs10273273	C	-0.0215
rs117365498	G	0.1103
rs73208175	C	-0.0816
rs57481991	A	0.0261
rs79010707	T	-0.0739

rs6973895	C	-0.019
rs17437518	G	0.0498
rs73164391	G	0.0831
rs6956998	G	0.0253
rs117209692	C	-0.1088
rs7456519	C	0.0448
rs7357212	A	-0.029
rs11983722	T	0.0381
rs12670274	G	0.0318
rs62474621	C	0.0723
rs79819788	C	0.0503
rs4644148	G	-0.0192
rs72611587	T	0.0324
rs116965044	A	-0.0689
rs141304599	C	0.0965
rs140420031	C	0.1571
rs12718948	A	-0.0405
rs11764555	T	-0.1366
rs117857144	A	-0.1289
rs56015951	G	-0.0191
rs137959780	A	0.0796
rs11773302	C	-0.0436
rs17668468	T	0.0316
rs834790	G	0.1071
rs74327254	A	-0.0997
rs11763287	C	-0.028
rs73140137	T	-0.0316
rs35122961	A	0.0257
rs73051717	T	-0.0543
rs137870571	A	0.0893
rs117254232	G	0.0404
rs304516	T	-0.0648
rs117857439	T	0.0675
rs73723788	T	0.1393
rs147732171	T	-0.0321
rs845551	A	0.0213
rs73177178	A	-0.0219
rs150340519	G	-0.0786
rs1229051	C	-0.0232
rs74603332	G	0.084
rs3815332	T	-0.028
rs10243359	C	0.0419
rs150928371	C	0.0777
rs2699818	G	0.0279
rs7357284	A	0.0253
rs2285843	A	0.0213
rs118171230	T	-0.0879

rs62469903	A	-0.0771
rs113183088	C	0.1093
rs16871947	T	-0.0535
rs10224861	A	-0.0228
rs12112552	A	0.0936
rs16868021	G	-0.1161
rs36198732	C	0.0251
rs717226	A	0.0348
rs74995987	A	-0.0736
rs917940	T	-0.032
rs73285230	A	-0.0596
rs76742203	G	0.0678
rs147641870	T	-0.0821
rs73156392	T	0.0498
rs117161527	T	0.0637
rs519654	A	0.0708
rs10269750	T	-0.032
rs17169541	C	0.0286
rs12672619	T	-0.0349
rs10279223	T	0.0186
rs6945975	C	-0.0204
rs74674686	A	0.0784
rs12700832	G	0.0178
rs142115657	A	-0.1404
rs142213630	G	0.0716
rs56154979	T	-0.0667
rs28391158	T	-0.0337
rs2938106	T	0.0299
rs4723557	T	0.0261
rs115684607	A	-0.0721
rs17288875	C	-0.077
rs34339674	A	0.024
rs6946006	A	0.0273
rs7803406	C	0.032
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rs151331581	A	-0.0613
rs143778020	A	-0.1164
rs274626	G	0.0373
rs10488395	C	0.0285
rs6975781	T	0.0269
rs73079569	A	-0.1339
rs80251137	C	0.0619
rs113513869	A	-0.0578
rs76635289	C	0.1633
rs10807809	C	-0.02
rs28467	C	0.018
rs1450851	T	0.0184

rs76869074	C	0.0418
rs12672049	T	0.111
rs117948936	C	0.0914
rs71557123	G	0.0456
rs62447495	C	0.0842
rs117930667	A	-0.0537
rs117809882	G	0.1327
rs78926573	T	0.1318
rs1657273	T	-0.0197
rs117568894	G	0.1063
rs10228358	T	0.0554
rs12234702	T	-0.0316
rs13227108	T	0.0797
rs251990	G	0.0191
rs17689091	G	-0.0478
rs877940	A	0.0362
rs145144490	G	0.0957
rs142296892	C	0.093
rs143951448	T	-0.1361
rs112059682	C	0.1411
rs117445779	G	-0.1099
rs146421498	G	-0.0874
rs73140486	T	-0.1287
rs117264159	G	-0.0906
rs114642522	C	0.063
rs55825898	T	0.0449
rs10276957	A	-0.1429
rs12669732	A	0.0258
rs116853542	G	-0.1102
rs118182113	T	-0.093
rs71548294	G	0.0393
rs144007091	T	0.1406
rs78944692	T	0.0784
rs62463217	A	0.0312
rs4728736	T	0.0666
rs62433368	A	-0.0689
rs1001396	C	-0.0361
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rs12537422	G	0.018
rs10808113	T	-0.0591
rs2110784	A	0.0193
rs3819479	A	0.0412
rs34650679	A	-0.067
rs111543638	A	-0.0833
rs141905836	G	0.0976
rs993183	A	0.0177
rs75416127	A	-0.082

rs11970859	A	-0.0367
rs113651058	A	-0.1043
rs12666221	T	-0.024
rs62445422	C	-0.0257
rs12669271	T	0.0355
rs73202739	T	-0.0334
rs111665519	G	-0.1396
rs118016024	C	0.0515
rs113714835	A	-0.0615
rs76234744	A	-0.1004
rs10257611	A	0.0645
rs79370229	T	0.1016
rs11770456	A	-0.042
rs111274317	A	0.0783
rs58394495	T	0.063
rs62460725	T	0.0711
rs17164910	G	0.0482
rs17388775	G	-0.0723
rs2016945	T	0.0178
rs77484877	A	-0.0577
rs249685	C	0.0201
rs2237573	G	0.0283
rs75542153	T	-0.0463
rs740107	A	0.0202
rs4721882	A	0.0406
rs117032411	A	-0.0958
rs112084155	A	-0.1268
rs117027613	A	-0.0999
rs118070860	A	-0.1059
rs146854312	T	-0.0303
rs75306693	T	0.049
rs62441774	G	-0.0311
rs3828998	C	0.0184
rs117315991	C	-0.069
rs7807308	C	0.0342
rs12703099	T	-0.022
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rs12666793	G	0.0467
rs143835549	G	0.1167
rs6463054	A	0.0585
rs76122431	A	-0.0761
rs76979219	G	0.0826
rs36904	T	0.0224
rs78521224	A	-0.1345
rs7807011	A	-0.0314
rs61594321	A	0.0183

rs7811703	T	0.03
rs1533086	C	0.0197
rs73108350	A	-0.0285
rs2214823	A	-0.0179
rs4727328	C	-0.0292
rs17577604	C	0.0276
rs62447198	C	0.0861
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rs62436918	A	0.042
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rs17235266	G	0.0551
rs142426754	T	0.0415
rs117979771	T	-0.0778
rs6950190	C	-0.0226
rs75966897	G	-0.0715
rs117685738	G	-0.0895
rs10238429	A	0.0563
rs2192046	A	-0.0678
rs6953065	A	-0.019
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rs10227451	G	-0.1064
rs12666173	C	0.0372
rs62473030	G	0.0758
rs144383285	G	0.1353
rs1722207	G	-0.019
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rs77071331	T	-0.0911
rs117129149	C	-0.0919
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rs77913685	G	0.0653
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rs62456135	G	0.0748
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rs6963792	T	0.0222
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rs75012740	A	0.0749
rs10246937	C	-0.0271
rs142479347	T	0.093
rs78155782	C	0.1277
rs17057	T	-0.0627
rs3763469	C	0.0235

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rs34748741	C	0.0263
rs11773377	T	0.1082
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rs2189437	G	0.0232
rs75412253	G	0.0909
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rs60518021	G	0.0263
rs804753	T	-0.0367
rs2286841	A	0.1168
rs752677	A	0.0375
rs7811413	T	0.0345
rs6974714	C	-0.0184
rs73166481	C	-0.0642
rs2390500	T	-0.0179
rs7790089	A	-0.0717
rs6953951	C	0.0214
rs362771	T	0.0517
rs62485877	C	0.1043
rs7780294	T	0.0347
rs73152544	A	-0.0518
rs71543788	T	0.0411
rs117850148	T	0.0939
rs177670	A	-0.0441
rs13221419	T	-0.0403
rs7804147	T	0.0253
rs13231248	A	-0.0581
rs12533943	C	-0.0438
rs11771826	T	0.044
rs3847079	T	-0.019
rs117196981	A	-0.112
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rs62467608	G	-0.0264
rs146291140	T	0.1026
rs6965765	T	-0.0185
rs147448362	T	0.092
rs17707859	G	0.1319
rs2267727	G	-0.0324
rs77831921	T	-0.106
rs146376512	G	-0.1054
rs2254724	C	0.1225
rs138146547	A	0.0738
rs71527417	A	0.0763
rs73057267	A	-0.0691
rs78400113	T	-0.0946
rs118142296	T	0.0567
rs10215379	T	0.0945

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rs17247268	T	0.0511
rs57827093	T	-0.0274
rs4401799	T	0.0228
rs10230113	T	-0.0189
rs138696854	T	-0.1308
rs3729871	T	0.1396
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rs4916931	G	-0.0362
rs28614087	A	0.0189
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rs79672752	G	0.0469
rs6962428	T	-0.0327
rs13239704	C	0.0828
rs78364945	C	0.0577
rs10250252	C	-0.0222
rs149170977	A	-0.1001
rs61388620	G	0.069
rs7789930	C	-0.024
rs2003417	C	0.039
rs147828190	T	-0.115
rs144757109	T	0.0483
rs73153275	C	0.0298
rs76536681	G	0.0713
rs62490714	A	0.0666
rs936904	A	-0.0183
rs4721938	T	-0.0196
rs17543692	T	-0.0243
rs176576	G	0.0182
rs854568	G	0.021
rs11762454	C	0.0176
rs78634923	G	0.0658
rs55682486	C	0.023
rs62435400	C	-0.0426
rs76678761	G	0.1023
rs2903899	G	-0.0467
rs146018587	T	-0.1115
rs4719625	G	-0.0289
rs1229503	G	0.0193
rs76752294	A	-0.0663
rs62498265	G	-0.0891
rs73066357	C	-0.075
rs62473072	T	-0.1104
rs77597316	A	-0.0351
rs35435128	A	-0.0608
rs78694204	C	-0.0338
rs140889208	T	0.0851

rs9648239	A	0.0326
rs73116690	G	-0.102
rs79641804	G	0.0933
rs10233832	A	-0.0184
rs117118069	G	-0.0467
rs143435796	A	0.0553
rs62435140	C	0.0469
rs6959755	C	0.0319
rs150129140	A	0.1486
rs75532300	A	0.0414
rs118130034	G	-0.041
rs62483977	C	-0.0746
rs62448552	T	-0.0784
rs2045369	T	0.0315
rs62454803	T	-0.0489
rs10214998	G	0.0189
rs1344380	A	-0.019
rs1882426	C	0.0273
rs1174995	T	0.0211
rs116149349	A	-0.0888
rs79627248	T	-0.0389
rs12669428	A	0.0233
rs13312652	G	-0.0813
rs34300529	A	0.0233
rs62459153	A	0.0539
rs10488519	C	0.0457
rs117493829	C	0.0873
rs1050327	A	-0.0172
rs117544650	A	0.0656
rs73223659	T	0.0602
rs55995100	A	0.0184
rs138298962	A	-0.0462
rs76274660	C	-0.0472
rs138368684	A	-0.0386
rs4728417	C	-0.033
rs1960024	A	-0.0177
rs78318517	T	-0.1461
rs36056205	A	-0.082
rs139866720	G	0.0911
rs10245983	G	0.0226
rs10262590	T	-0.0271
rs117283944	T	-0.1339
rs17862285	C	0.052
rs74974830	A	0.1424
rs56263889	T	-0.0191
rs319325	G	-0.0208
rs17132513	T	-0.0273

rs12699441	C	-0.0245
rs117996983	C	0.1063
rs758250	G	0.0232
rs11974993	G	-0.02
rs147282614	T	-0.1209
rs117760197	T	0.0719
rs917144	G	-0.0257
rs78928893	A	0.083
rs116956424	G	0.1274
rs6945111	A	-0.0483
rs17163662	G	0.119
rs76325161	C	0.0628
rs2700993	A	-0.042
rs150679357	A	-0.098
rs3823944	A	0.0176
rs117213838	C	-0.0768
rs78785126	C	-0.09
rs4475404	G	0.0264
rs6465403	T	-0.0228
rs117986340	T	-0.0821
rs1468247	C	0.0983
rs151003795	T	0.0703
rs1799384	A	0.0182
rs34748427	G	0.0763
rs117649664	C	-0.0911
rs77670206	C	-0.0447
rs12701640	C	0.0263
rs78200473	A	-0.1435
rs62449506	T	0.0661
rs76368620	G	0.0841
rs28428733	G	0.0852
rs140588686	A	0.0974
rs12534860	A	0.0244
rs6979784	A	-0.0221
rs6961832	C	0.0191
rs7788617	T	-0.0488
rs4515442	C	0.0188
rs7792541	T	0.0221
rs73158798	C	0.0257
rs62469281	C	0.0773
rs13234280	C	0.0986
rs78578338	G	-0.0787
rs117326991	T	0.1321
rs12540205	T	0.022
rs1183450	A	-0.0981
rs74296742	G	-0.0619
rs55783121	A	0.1158

rs10950917	A	-0.0196
rs7787077	C	0.0237
rs6979816	G	0.0208
rs13246961	T	-0.0207
rs7776983	T	-0.0696
rs3801590	A	0.0417
rs62488263	C	-0.0335
rs146747871	C	-0.1075
rs6962246	T	0.0181
rs4948016	G	0.0227
rs10224117	A	0.0782
rs77574732	A	-0.0795
rs117364851	T	0.0672
rs62503483	G	-0.0327
rs73379615	G	-0.0549
rs1009538	G	0.0237
rs118087621	A	0.0418
rs1721443	C	0.0293
rs12535470	G	-0.0687
rs7780911	C	0.0184
rs17794801	G	0.0176
rs740088	T	0.0232
rs73156827	C	-0.0433
rs17274454	G	0.0573
rs142715891	T	0.1124
rs13230084	G	0.0286
rs74850797	A	-0.06
rs113725174	C	0.1172
rs76621474	T	-0.0884
rs4623340	G	0.0197
rs56273601	T	-0.0475
rs78161073	T	-0.0477
rs11764669	A	-0.0288
rs141705933	A	-0.0731
rs116925086	A	0.0808
rs4947521	A	0.0342
rs79817260	C	0.0691
rs117577375	A	-0.0842
rs10954291	A	-0.0379
rs80233112	C	-0.1072
rs149480949	A	0.0982
rs9691059	C	0.0212
rs7784624	A	-0.0181
rs150746921	A	-0.0906
rs6959390	C	0.0185
rs138929907	G	0.0777
rs56352403	A	0.0188

rs6942841	A	-0.1023
rs144247219	C	-0.2256
rs3807694	T	-0.0183
rs4731513	G	0.0184
rs73085974	G	-0.1242
rs10247140	G	0.0247
rs10243617	A	-0.0258
rs1294911	T	-0.0286
rs34754076	A	0.1036
rs114175764	C	0.0363
rs2710099	A	-0.0173
rs116965220	A	0.0436
rs7786496	G	-0.0194
rs74395790	T	-0.0807
rs3935568	C	-0.0189
rs34873775	A	-0.0585
rs10252562	C	-0.0667
rs10267850	A	-0.0519
rs62475323	G	0.0696
rs780334	A	-0.0467
rs79842255	C	0.0578
rs555562	A	0.0241
rs142101795	T	-0.1724
rs850377	T	0.0186
rs77269642	G	-0.1343
rs62443964	T	0.0903
rs6978599	G	-0.0177
rs6964914	T	0.0325
rs112180365	C	0.0704
rs116859096	A	-0.0719
rs10275053	C	0.0897
rs79469415	G	0.1077
rs79140496	G	-0.0543
rs10807722	T	-0.0178
rs142245947	A	0.114
rs73073988	A	0.0796
rs35008772	G	-0.0284
rs79097943	A	0.0382
rs114563381	G	-0.0954
rs368370	G	0.0223
rs116644006	A	-0.0911
rs13228414	C	-0.0224
rs17244449	G	-0.0508
rs7804390	T	0.0368
rs117385598	T	-0.0538
rs73171356	C	0.0734
rs62496924	T	-0.0264

rs4632997	T	-0.0225
rs1088868	G	0.0256
rs75481777	A	0.0798
rs148580221	A	0.1045
rs78884002	C	-0.0332
rs112996733	T	0.081
rs149093095	C	0.0959
rs2285505	C	0.018
rs73162894	A	-0.0433
rs74403520	T	-0.081
rs79182592	T	-0.0567
rs12154761	A	-0.0583
rs117910348	A	0.0773
rs10247241	T	-0.0212
rs77245244	G	-0.0275
rs117275160	T	0.0733
rs77406469	T	0.057
rs16881929	C	-0.0238
rs1269633	T	-0.0226
rs149572245	T	-0.0835
rs145861687	T	-0.1244
rs112561183	T	0.0408
rs12672237	T	0.028
rs80218618	A	0.0676
rs17164857	C	-0.0225
rs138698158	C	-0.0961
rs144368635	G	0.1129
rs75100429	T	-0.1219
rs78601747	A	-0.0683
rs117719453	T	0.1067
rs145075500	A	-0.114
rs11763759	C	-0.0225
rs117079011	G	-0.1293
rs9656461	C	0.0172
rs71543363	C	0.1227
rs143747856	T	0.0282
rs2189902	G	-0.0224
rs2906726	G	-0.0236
rs2267890	A	0.0219
rs111675190	C	0.0537
rs73718645	T	-0.0409
rs884479	T	0.0183
rs143938101	C	-0.1285
rs849761	G	0.0301
rs57630187	C	0.0587
rs17579197	G	-0.0438
rs34213934	T	0.0707

rs142858389	T	0.0586
rs11974784	T	-0.0293
rs115083238	T	0.0753
rs141860306	A	0.0484
rs10229550	A	0.0346
rs2333894	T	0.0174
rs78530399	T	0.0416
rs17587202	T	0.0195
rs57036769	C	-0.0472
rs6959826	T	-0.0295
rs17133198	T	0.0179
rs10807974	A	0.0186
rs113450291	C	0.0471
rs118077907	G	0.0706
rs2240419	T	-0.0201
rs7809724	C	0.0425
rs706022	C	-0.0197
rs6980084	A	-0.0606
rs12702393	G	-0.0264
rs3109109	C	-0.0422
rs13230925	C	0.0224
rs11765432	A	-0.1369
rs10952955	T	-0.0274
rs722048	C	-0.0195
rs76977067	T	-0.0622
rs7791356	T	0.0912
rs74979647	G	0.0733
rs1117533	G	0.0181
rs17292270	A	0.0581
rs73159212	C	0.1019
rs80194886	A	-0.0835
rs75346621	A	0.1005
rs6973259	A	-0.0209
rs757931	A	0.0193
rs58632387	C	-0.0322
rs113818754	C	0.0971
rs6949536	T	-0.0179
rs73222698	C	-0.0504
rs12706551	T	-0.0435
rs77001183	G	-0.0825
rs118036969	T	-0.1145
rs118152176	T	-0.0831
rs55683341	A	0.0611
rs12531773	C	-0.0399
rs12670477	A	0.1215
rs2906670	C	-0.0197
rs2960821	A	-0.0357

rs17714729	G	-0.0414
rs11773608	T	0.063
rs1013307	G	0.0284
rs4731320	T	0.0191
rs117768534	A	-0.0799
rs39018	G	0.0751
rs10273876	G	0.0218
rs117526226	A	0.0834
rs6466129	T	0.0175
rs1962975	C	0.0933
rs71538866	G	0.0554
rs6943425	G	0.0215
rs12671878	A	-0.0207
rs62482302	A	-0.0314
rs77878970	T	-0.0323
rs17232677	T	0.0276
rs10243283	G	-0.0278
rs148698706	T	-0.0814
rs77381601	A	0.0686
rs141635338	T	-0.1555
rs38094	T	0.0217
rs142159888	T	-0.0745
rs117176883	A	0.0689
rs76058699	A	-0.0319
rs73033555	G	-0.1178
rs34593300	G	0.0484
rs11972449	C	0.0195
rs3801777	C	0.0325
rs113063541	C	0.0723
rs6970230	G	0.0225
rs73180850	A	-0.0235
rs78233204	A	0.0741
rs34673392	T	-0.03
rs118141450	T	0.1032
rs17405965	C	0.1015
rs17170583	C	-0.0213
rs17275193	G	0.0181
rs10233489	C	0.0219
rs706030	T	0.0209
rs78405601	G	0.1133
rs4909217	G	-0.0526
rs73344550	G	0.0666
rs1450184	T	-0.0272
rs117431242	A	0.0745
rs6977984	T	0.115
rs114059756	C	-0.1529
rs148649430	G	0.0523

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rs117690714	C	0.0832
rs112136164	G	0.1416
rs7799070	A	0.1175
rs78764793	T	-0.1
rs142062163	T	0.092
rs12670282	A	-0.0204
rs117050082	A	0.1282
rs2190411	C	0.0257
rs73088368	A	-0.0799
rs118191506	A	0.0682
rs10281326	T	0.0388
rs2072063	T	-0.0377
rs963781	A	-0.0246
rs73101477	G	-0.0717
rs76817258	A	0.0489
rs73168055	T	0.0464
rs9244	C	-0.0367
rs73164048	T	0.0218
rs117183193	T	-0.0787
rs12535860	C	0.1521
rs17167977	T	0.092
rs38521	C	-0.0177
rs55785951	G	-0.0511
rs6466156	G	0.0176
rs4286841	A	0.0201
rs76743801	C	-0.0746
rs148190239	A	-0.0873
rs79972167	T	0.0595
rs74980805	T	0.0638
rs62454536	A	-0.1369
rs73104988	A	0.0655
rs77944001	C	0.0763
rs144087161	C	-0.0763
rs148610977	T	-0.0904
rs117458150	A	0.0674
rs117252441	C	0.1063
rs73034481	T	0.1251
rs60570942	C	0.0287
rs17172647	G	0.0206
rs75591773	C	-0.1263
rs10953472	T	0.0852
rs141567772	T	0.103
rs4720647	G	-0.0264
rs17345892	T	-0.0391
rs71572230	T	-0.0518
rs112170982	T	0.0257

rs2893031	G	0.0583
rs10250618	T	-0.0317
rs365844	C	0.0352
rs77320856	T	-0.0601
rs146499629	T	0.0919
rs4140745	T	0.0191
rs2538958	C	-0.0169
rs146193509	G	0.0815
rs34498904	C	0.0198
rs117874121	A	0.0403
rs56082732	C	0.0343
rs396751	C	0.0183
rs11764843	A	0.0215
rs12539059	A	0.0368
rs2075382	A	0.0201
rs10952093	G	0.0186
rs55802598	G	0.1151
rs73078611	A	0.0931
rs816248	T	0.0168
rs7783908	T	-0.0474
rs74611272	C	0.044
rs17328414	T	-0.0952
rs10229460	T	0.0174
rs146235428	C	0.0644
rs78841127	T	-0.0578
rs2949827	A	0.0748
rs73038783	A	-0.1064
rs138392446	C	0.1173
rs73129534	C	-0.133
rs7795420	G	-0.017
rs79388098	A	-0.1238
rs10266859	T	0.0217
rs56048615	C	0.0244
rs9785052	C	0.0245
rs4725534	A	0.0226
rs327703	C	-0.0179
rs79649309	G	-0.0338
rs116841159	G	0.0837
rs4725765	G	-0.0382
rs4917198	T	-0.0432
rs75442122	A	0.0934
rs6976073	T	-0.0259
rs2078032	C	0.0206
rs10953644	C	0.02
rs145418291	A	-0.0749
rs17483166	G	-0.0396
rs9638116	A	-0.0306

rs4717473	G	-0.0487
rs17520411	T	0.0548
rs138316059	G	0.0671
rs10486920	A	0.0196
rs67240868	A	0.0311
rs80277330	C	-0.101
rs11978879	C	-0.1157
rs2051936	T	-0.0245
rs73120130	G	0.0565
rs74754346	T	-0.0381
rs117201047	G	-0.0649
rs111227579	A	0.1171
rs10279898	A	0.019
rs7798497	C	0.0537
rs2351379	C	0.022
rs4720620	C	0.0197
rs142850019	C	-0.0785
rs78410409	G	0.0267
rs4909055	G	-0.0179
rs76047690	C	0.0784
rs1646649	C	0.094
rs10488225	T	-0.0229
rs117781758	T	0.0867
rs3778699	A	0.0691
rs113652908	A	-0.057
rs1003575	C	-0.0183
rs139881377	C	0.0636
rs117809373	T	0.1534
rs12703385	T	-0.0702
rs38403	C	0.0177
rs12535883	G	0.0995
rs11980501	C	0.0268
rs77424671	G	0.1346
rs11761745	G	-0.0937
rs2533466	C	-0.0306
rs4726298	G	-0.0536
rs34823338	T	0.0198
rs6465989	C	0.0228
rs76949564	A	0.0313
rs6960871	T	-0.0169
rs73679201	T	0.0497
rs7780977	G	0.0186
rs1614702	T	0.0204
rs76718825	T	0.0463
rs62457776	A	-0.1338
rs149193387	C	-0.1256
rs57831171	G	-0.0535

rs577642	T	0.0874
rs2907684	T	0.0332
rs7826	A	-0.0192
rs117907102	C	0.0538
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rs139429527	A	0.1468
rs35274980	A	0.0356
rs1181951	A	-0.0549
rs961652	G	-0.0194
rs16880070	C	-0.0659
rs79775388	C	-0.092
rs1657248	A	0.0396
rs13230108	C	-0.0328
rs4731075	T	0.0211
rs113656073	C	-0.1525
rs4289724	C	0.0479
rs1420118	T	-0.0641
rs76822090	C	0.0453
rs56998446	G	-0.037
rs6968241	G	0.0275
rs73113753	A	-0.1141
rs11769029	G	-0.0187
rs7798400	A	-0.0364
rs56050015	C	-0.0575
rs76654506	G	-0.0989
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rs580365	A	0.0235
rs1636868	A	-0.0347
rs117917139	A	0.0459
rs2813837	A	-0.0255
rs62480907	C	-0.0473
rs56349397	C	0.0331
rs13224128	T	0.0618
rs138059213	T	-0.1059
rs217003	T	-0.0306
rs55948937	C	-0.0195
rs67667933	A	-0.0437
rs7786916	T	-0.026
rs78803237	C	0.0728
rs117019499	A	0.1221
rs12533583	T	-0.0846
rs3734953	A	-0.0314
rs78659910	C	0.0673
rs17567105	G	-0.0388
rs111692147	T	-0.0833

rs148990616	A	-0.1073
rs12670049	A	0.0377
rs2285690	T	-0.0185
rs2705798	G	-0.0836
rs73102277	T	-0.0802
rs2534569	G	0.023
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rs73202298	C	0.0587
rs74575105	A	-0.0418
rs77998268	A	0.0387
rs73160514	A	-0.1249
rs78939919	T	0.0374
rs7783714	G	-0.0187
rs6969670	T	0.024
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rs10251129	C	0.0197
rs55972315	C	-0.0233
rs7781331	C	0.0173
rs12537149	G	0.0192
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rs111397655	T	0.0168
rs75376335	A	-0.0248
rs2037697	C	-0.0183
rs73462663	G	-0.0847
rs12718208	C	0.0225
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rs7811315	A	0.052
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rs76747125	T	0.059
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rs11770327	G	0.0324
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rs6952109	A	-0.018
rs73144129	T	-0.0219
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rs6971628	A	0.0775

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rs10253125	A	-0.0178
rs35193439	C	-0.0206
rs12667359	T	0.0173
rs73231948	T	-0.0425
rs235415	C	0.0364
rs148175705	C	-0.1019
rs113697366	C	0.0855
rs10277497	T	-0.0183
rs72612623	C	0.0607
rs801121	G	-0.0327
rs12673279	T	0.025
rs7811444	G	0.0259
rs76353014	G	-0.0547
rs150488813	G	-0.0876
rs4513910	T	0.0245
rs6950447	T	-0.0199
rs75591473	A	0.0651
rs211811	A	-0.0242
rs4731424	T	0.0315
rs1427484	G	-0.0312
rs272656	G	0.0204
rs34767325	T	0.0843
rs1735006	G	0.1196
rs58856240	A	0.0666
rs113452856	A	0.1151
rs78315636	T	0.0914
rs2267723	G	-0.0167
rs78878767	C	0.1266
rs113903787	A	0.0742
rs117144249	A	0.0696
rs10224467	C	0.0188
rs7785516	C	-0.0432
rs149522137	A	0.0734
rs17429037	A	0.034
rs2237710	G	-0.0184
rs114949263	C	-0.0281
rs6961781	T	-0.0173
rs7803334	C	-0.0186
rs117538244	G	-0.0924
rs73721684	A	-0.0975
rs111408805	A	-0.0314
rs10253787	G	-0.0382
rs146651985	T	0.0249
rs12702901	A	-0.017

rs36082545	C	0.0286
rs67511428	A	0.0714
rs116388460	G	-0.0685
rs77492263	T	0.038
rs143716591	A	-0.071
rs1888349	T	0.0215
rs73284711	T	-0.0255
rs628653	G	-0.0174
rs75684479	A	-0.0915
rs161089	A	-0.0168
rs73061744	G	-0.0627
rs6972713	C	-0.0179
rs112316397	A	-0.0897
rs73163298	A	-0.0285
rs73054067	T	0.0301
rs6969502	A	0.0217
rs11761910	A	0.0191
rs41826	T	0.0241
rs1919912	T	0.0172
rs75484189	A	0.1484
rs7801695	T	0.025
rs112682023	T	0.108
rs6943549	A	-0.029
rs10265341	C	0.0215
rs116971278	G	-0.0886
rs73160267	A	-0.037
rs149078150	T	0.1062
rs76528922	G	0.0863
rs212832	G	-0.0299
rs62477967	C	-0.0622
rs80101314	G	-0.0747
rs4131646	T	-0.0216
rs17151997	G	0.0178
rs1590033	C	0.0187
rs2392244	G	0.0228
rs74514019	T	-0.0698
rs2730617	C	-0.018
rs74977547	C	-0.0581
rs36198157	T	-0.0366
rs117397802	T	0.0746
rs62478262	G	-0.0189
rs78544505	C	-0.0565
rs2950627	C	0.0244
rs116861258	T	0.0794
rs74493872	G	-0.0598
rs11761204	A	0.0614
rs4722086	C	-0.0172

rs6466155	T	0.0167
rs38763	C	0.0269
rs7803859	G	-0.0215
rs10224358	A	-0.0653
rs4073529	A	0.0204
rs117442283	T	0.0823
rs73163391	A	0.064
rs2107702	T	0.0819
rs6971946	T	-0.0301
rs139305083	G	-0.129
rs150686152	T	0.054
rs78817539	T	0.0769
rs4103227	T	0.038
rs74338692	T	0.07
rs2429216	T	-0.0194
rs852541	C	-0.1151
rs74646736	G	-0.0829
rs2005745	C	0.0292
rs17439476	T	0.0637
rs17513961	G	-0.0291
rs141418902	G	-0.103
rs73179848	T	-0.077
rs73282974	C	0.035
rs117985843	G	-0.0343
rs13246749	T	0.0216
rs7784318	A	-0.07
rs79649571	A	0.0531
rs10267740	C	-0.0196
rs10244823	T	0.0189
rs113769513	T	0.0334
rs7799860	C	-0.0177
rs17143311	T	-0.0462
rs56368732	T	-0.098
rs114972150	A	-0.1291
rs7783822	G	-0.0248
rs4719379	T	0.02
rs113061844	C	-0.1068
rs55802461	T	0.0926
rs62441660	T	-0.098
rs10951067	C	-0.0242
rs138978539	C	0.1023
rs2371212	A	-0.0234
rs6946379	A	0.0773
rs7456569	A	-0.024
rs757705	G	0.0164
rs17714394	T	0.0564
rs117735175	T	0.0614

rs73707847	A	-0.0546
rs10233107	T	-0.0216
rs13233604	A	-0.0334
rs143153915	A	-0.1007
rs3892251	A	0.0318
rs77936800	A	-0.023
rs6968756	C	-0.0173
rs10276004	T	0.0285
rs6949412	G	-0.0221
rs150725674	G	-0.0259
rs13238508	T	-0.0389
rs55897432	T	-0.0383
rs10249244	C	0.035
rs79138945	G	0.0631
rs35881810	A	0.0511
rs73101470	A	0.0613
rs117061327	C	0.0787
rs62467866	A	-0.0731
rs75690071	C	0.1294
rs60157575	A	0.0884
rs6962496	A	-0.0192
rs208358	A	-0.0198
rs13229852	T	-0.0328
rs79198232	G	-0.0533
rs1673162	G	-0.0301
rs75430042	T	0.0362
rs56970370	T	0.022
rs6944978	A	-0.0236
rs117863841	C	0.0641
rs149907410	A	0.0534
rs4731661	G	-0.022
rs112117078	T	0.1067
rs74642859	A	0.038
rs80187045	T	0.0481
rs117197846	G	-0.129
rs73429561	C	0.0815
rs75189374	A	-0.11
rs6966065	G	-0.0225
rs10230143	A	0.0239
rs113450714	T	-0.1203
rs117137967	T	-0.0692
rs78637561	A	-0.1045
rs73210122	G	-0.0304
rs117152497	A	0.1144
rs2237711	A	0.033
rs73429809	G	0.0733
rs10244617	C	0.0763

rs118030713	G	0.1519
rs117819872	C	0.0786
rs59558034	C	-0.0638
rs12672550	C	0.0203
rs117352177	G	0.0619
rs117347452	A	-0.1163
rs117215038	A	0.0868
rs73165004	T	0.0268
rs73174912	C	0.0316
rs12155446	T	0.0342
rs73714031	A	0.1065
rs117742326	A	-0.0622
rs12668748	T	0.0186
rs111877580	A	-0.0557
rs2429218	C	-0.0182
rs12534200	T	0.025
rs6952465	G	-0.043
rs75612885	C	-0.101
rs17169964	A	-0.0487
rs2906740	A	0.136
rs706568	A	-0.0356
rs2965628	C	-0.0914
rs7780216	C	-0.0935
rs151234675	A	0.0988
rs1636295	T	0.034
rs117808204	T	-0.0899
rs12540024	A	-0.0299
rs2027985	A	0.0169
rs2191280	T	0.0168
rs79175771	T	0.0732
rs4259322	T	0.0227
rs1179476	T	-0.0918
rs34516090	G	0.0211
rs117412746	A	-0.0969
rs17155297	A	-0.0426
rs143261448	T	-0.0436
rs74367059	A	-0.0728
rs12706046	G	-0.0272
rs76105265	C	-0.0756
rs118111667	C	0.0886
rs10278201	G	-0.0171
rs79883393	C	0.0562
rs143227942	T	0.0977
rs4716474	G	-0.0729
rs79918809	C	-0.08
rs757934	T	0.0228
rs76498375	C	0.0673

rs7809045	A	-0.0398
rs73464025	G	-0.0185
rs112829231	A	0.0695
rs112389601	A	-0.0912
rs144204914	G	0.0894
rs73334527	A	0.0197
rs6973784	G	-0.0405
rs148036655	A	-0.0798
rs1156183	T	0.0193
rs117762358	T	-0.056
rs4729246	C	0.0409
rs6651061	A	0.0201
rs2024372	G	0.0167
rs3800939	G	0.0344
rs111493281	G	-0.0679
rs146620404	A	-0.0909
rs143448414	T	-0.0338
rs198322	G	0.0389
rs11768960	A	0.0233
rs143770629	C	-0.0794
rs1208822	T	-0.017
rs77511758	G	0.0429
rs78340259	T	0.0761
rs55776209	T	-0.0309
rs117909879	G	0.0841
rs5019918	A	-0.0268
rs147794726	C	-0.1535
rs147147953	A	-0.0904
rs78913246	C	0.0542
rs138953514	C	-0.0906
rs2394631	T	0.0183
rs145587241	A	-0.0711
rs13241183	C	-0.1164
rs2965042	G	-0.0171
rs117148116	T	-0.0549
rs846392	G	-0.0169
rs77914626	G	-0.0358
rs145932968	T	0.0866
rs696268	T	-0.0175
rs112147257	G	-0.1419
rs75336631	G	0.0663
rs62457247	T	0.0581
rs13237501	A	0.0204
rs4726201	T	0.0203
rs113689966	T	0.0725
rs7794904	G	-0.1154
rs41531	T	0.0189

rs112941854	A	-0.0465
rs13227372	G	0.1271
rs10231185	G	0.0756
rs116970869	A	0.1669
rs76692059	G	0.0763
rs11767267	T	-0.0453
rs113103356	G	0.0578
rs7798770	A	-0.0191
rs62467702	A	0.073
rs10234321	T	0.0536
rs62473833	T	-0.0595
rs78769212	G	0.0934
rs215750	A	0.0298
rs111884465	A	-0.0758
rs111535337	A	-0.0676
rs216579	C	-0.0168
rs11768734	T	0.0381
rs2052405	G	0.0163
rs73073128	C	-0.0347
rs80208585	A	0.0954
rs6462199	A	0.0192
rs149144752	A	-0.0451
rs75776050	G	0.0838
rs12673061	T	0.0356
rs28485513	C	-0.0198
rs4722048	G	-0.0603
rs4367464	C	0.0357
rs6970331	T	-0.0177
rs10263013	T	0.0321
rs17290392	T	0.0258
rs7776538	C	0.0174
rs1635081	A	0.0165
rs13241700	C	-0.0374
rs78242508	A	0.0532
rs77705491	A	-0.0336
rs57654112	C	0.0195
rs10260030	C	0.0334
rs6973455	T	-0.0495
rs79560520	G	-0.1196
rs4473930	C	0.0219
rs2189772	G	-0.0165
rs2192341	G	0.0429
rs12540575	G	0.0201
rs11761720	T	0.0173
rs35469283	T	0.0632
rs76843561	A	0.0393
rs116871188	A	0.079

rs35933018	C	-0.0894
rs35851880	C	-0.0514
rs117076706	G	0.0823
rs1178109	A	0.0211
rs73232702	G	-0.0481
rs75742675	C	0.0773
rs56118280	C	0.0461
rs140447396	G	0.0981
rs17375174	C	0.0513
rs11767731	G	-0.0262
rs705330	G	-0.0409
rs4722444	A	0.0191
rs28437188	A	0.0769
rs502600	T	-0.0594
rs855744	A	0.0308
rs726297	A	-0.0175
rs11760697	G	0.0168
rs6961225	T	0.04
rs117830108	A	-0.0941
rs76107249	T	0.0557
rs112459121	A	0.0608
rs55858298	A	-0.0368
rs79120630	G	0.0553
rs76500314	G	0.0654
rs148773818	A	0.0958
rs2187620	T	-0.0279
rs117693550	G	-0.1456
rs113710466	A	0.0534
rs329278	T	-0.0427
rs7794802	C	-0.0513
rs6977590	C	-0.0212
rs4623321	T	0.0214
rs140886185	A	-0.0661
rs117943725	T	-0.0698
rs12666508	T	0.0694
rs12670036	G	-0.0267
rs113441570	G	-0.0308
rs74854825	A	-0.0289
rs2343282	C	-0.0176
rs76151260	A	0.1097
rs139972590	G	0.0902
rs10255852	C	-0.0163
rs116644139	T	0.053
rs73143203	A	-0.1291
rs117616605	C	0.0792
rs78383242	T	-0.1133
rs76026460	C	-0.0385

rs62451494	A	-0.0221
rs113850673	A	-0.0888
rs140674469	C	0.0835
rs62455836	C	0.0536
rs722134	G	-0.0262
rs2690376	G	-0.0413
rs3114794	G	-0.0172
rs17346538	C	-0.079
rs147680571	A	0.0537
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rs11979694	T	0.0205
rs917139	G	-0.0479
rs2907962	G	0.0173
rs4143614	T	-0.0287
rs117488841	A	0.0962
rs60227295	A	-0.0334
rs74399814	A	0.0822
rs113160618	T	0.0358
rs117719486	G	-0.0636
rs17683699	A	-0.0326
rs113451963	T	-0.0538
rs6973277	C	-0.0313
rs138437528	G	0.0724
rs117597420	C	0.1448
rs76450011	T	0.0614
rs6977724	G	-0.0246
rs17146225	A	-0.0212
rs60679030	C	-0.0381
rs2471226	C	0.0208
rs71564771	A	0.0435
rs76539784	G	0.0926
rs12703318	A	-0.0274
rs111515250	T	0.1001
rs10952786	A	0.0201
rs35020917	A	0.0601
rs117850218	A	-0.0914
rs140011449	A	0.1647
rs73211466	A	0.0504
rs76244553	A	-0.0577
rs76133351	G	0.0885
rs151209499	T	-0.1217
rs143517886	C	0.0908
rs75010656	T	-0.0919
rs62462922	G	-0.1293
rs2711013	T	0.0199
rs71561774	A	0.044
rs7805545	T	-0.0231

rs10156137	T	0.0241
rs1523613	A	-0.0309
rs1557909	A	-0.0404
rs55881038	T	-0.0722
rs28617575	C	-0.0423
rs150092077	T	0.0324
rs77268043	A	0.1128
rs10281112	C	-0.0196
rs59413218	T	-0.0321
rs116885810	A	-0.0583
rs17628482	A	-0.0432
rs118163799	T	0.071
rs77908014	C	0.0339
rs73725287	T	-0.129
rs35573106	A	-0.0182
rs38400	G	0.0588
rs7782002	G	0.0216
rs13240743	G	0.018
rs2521310	C	-0.0237
rs80025143	G	-0.0403
rs10226309	A	-0.0341
rs6958083	T	0.0341
rs62437933	G	0.0346
rs10249849	C	-0.0171
rs7777627	C	-0.0164
rs1263570	G	-0.0183
rs73322714	A	-0.092
rs2686806	C	-0.0243
rs2711363	C	0.0277
rs3128391	C	0.0211
rs75380079	C	-0.0412
rs77834136	C	-0.0671
rs56116000	A	0.019
rs6463183	C	-0.0159
rs2043251	G	-0.0352
rs76720560	G	-0.0418
rs7796577	G	-0.1011
rs13239625	G	0.029
rs10282667	G	0.0433
rs2008723	A	-0.0507
rs274023	T	-0.0529
rs1916710	T	0.0763
rs77517800	T	0.0521
rs112060062	T	0.1701
rs6968829	G	0.0173
rs3800627	C	0.0809
rs73062658	C	-0.0808

rs146963699	T	-0.0611
rs71541312	C	0.0706
rs6461058	G	0.0274
rs7788611	C	0.0631
rs4398813	C	-0.0162
rs62459761	A	0.0208
rs140942505	G	0.098
rs56168037	C	0.0753
rs112268762	C	-0.1259
rs74822408	G	-0.0749
rs204603	T	0.0318
rs2214360	T	-0.0158
rs11764607	A	0.0479
rs7792706	C	-0.0238
rs62488602	C	0.0567
rs7456798	C	-0.0468
rs117626190	A	-0.1243
rs1880316	T	-0.016
rs1878806	G	0.0176
rs67807295	A	0.0355
rs10270171	C	-0.019
rs73716111	T	-0.1202
rs11767046	T	-0.0202
rs17165187	A	0.066
rs17153388	A	0.0211
rs80160758	A	-0.0902
rs969197	C	0.0436
rs1549078	T	0.0326
rs142706820	G	-0.0628
rs62480162	A	0.0347
rs114450340	A	-0.0534
rs34511948	C	0.0212
rs117943632	A	-0.1375
rs4142278	T	-0.0176
rs1258631	T	0.0282
rs4725830	G	-0.0163
rs12113385	G	0.0163
rs2548066	G	0.0927
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rs146579004	C	0.1143
rs77165683	C	0.0665
rs2079833	A	-0.018
rs76244464	C	0.0286
rs112984890	G	0.1075
rs7791488	A	-0.016
rs12673654	A	0.0262
rs116892368	G	-0.1333

rs6462316	C	-0.0866
rs4320483	C	-0.0185
rs79374993	G	-0.0931
rs6976362	A	-0.016
rs60981836	A	-0.0472
rs4595067	C	-0.0296
rs149389939	A	0.0532
rs145450251	C	-0.0951
rs79945753	T	-0.1007
rs4326309	A	-0.0208
rs6949201	C	-0.0591
rs116991468	C	-0.074
rs117692076	A	-0.0474
rs6945758	A	0.0238
rs314295	G	0.0286
rs17193476	G	0.0286
rs74753202	C	-0.0687
rs141195463	A	-0.1194
rs144894007	C	-0.0981
rs79447064	C	0.017
rs117747385	A	0.0829
rs74598024	A	-0.1189
rs4725298	A	0.0201
rs117275624	T	-0.0592
rs11765862	C	0.0457
rs6968518	T	-0.0171
rs11505797	G	0.0498
rs55752971	G	0.0536
rs1842990	A	0.0565
rs73219003	A	-0.0616
rs75209728	T	-0.0756
rs12702049	T	0.0217
rs112001594	T	-0.0534
rs73074858	C	0.0485
rs6950687	C	0.0173
rs55955615	T	-0.0318
rs143621906	A	0.0816
rs80012273	C	-0.0663
rs62442614	C	0.034
rs10264025	A	-0.0183
rs149472435	C	0.0491
rs62467727	T	0.0453
rs76288157	G	-0.0608
rs117221356	T	-0.124
rs75209323	C	0.0255
rs293142	A	0.0764
rs146472156	G	0.0754

rs2243424	G	0.1089
rs13241099	C	-0.092
rs71538883	T	0.0629
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rs9638928	G	-0.0293
rs1846488	T	-0.0256
rs45454594	A	-0.0757
rs6957751	A	0.0188
rs7795528	A	0.0205
rs118122130	T	-0.0634
rs77231907	T	0.091
rs71541964	T	-0.0762
rs7808621	T	-0.0202
rs11763126	A	-0.0469
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rs146602071	C	0.0604
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rs12702711	T	0.0184
rs12670260	C	-0.0269
rs73227480	G	0.0521
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rs77795417	T	-0.0295
rs73214714	C	0.0634
rs10241422	T	0.0746
rs1380377	G	-0.0169
rs147712831	A	-0.0675
rs139275461	A	0.1274
rs77138299	C	-0.0413
rs73157641	T	0.049
rs12700916	C	-0.0176
rs76553755	T	-0.058
rs34486407	T	-0.0693
rs118127234	C	0.0367
rs2723548	A	0.016
rs74396401	G	0.1021
rs1001733	A	0.0236
rs10247662	G	0.0545
rs77432368	T	0.1041
rs80014719	A	0.076
rs117023943	T	-0.1329

rs3801315	C	-0.016
rs150287024	T	-0.0448
rs75959717	G	-0.0379
rs58183547	C	0.0252
rs10247757	A	0.0249
rs34052317	C	0.0377
rs77089127	C	-0.0824
rs6464297	A	0.0173
rs75712393	C	-0.0432
rs58639929	T	0.0322
rs10282569	A	-0.0202
rs11973891	T	0.0394
rs6466999	G	-0.0183
rs111976839	A	0.0873
rs148650267	T	-0.074
rs145209548	A	-0.0564
rs3095359	C	0.0324
rs79463429	A	0.0467
rs62456774	G	0.0956
rs118002197	T	0.0808
rs12673493	T	0.0321
rs4717907	A	-0.0189
rs117833543	A	-0.1096
rs10263361	A	-0.0163
rs80356311	C	0.0806
rs80325638	G	-0.0587
rs7787898	G	-0.0156
rs77466790	T	0.0262
rs144461234	A	0.0676
rs4722596	T	-0.0268
rs116945152	A	-0.0906
rs62482524	G	-0.0519
rs41275979	A	0.0456
rs60847318	G	0.0438
rs78936782	T	-0.0698
rs2159503	A	-0.0306
rs57620592	C	0.0167
rs74794886	A	0.0403
rs147831911	A	0.064
rs28669137	C	-0.0203
rs79795037	T	0.0274
rs6950264	G	-0.0164
rs73100892	A	-0.0245
rs113500780	A	0.1001
rs79316464	T	-0.072
rs77742508	A	-0.0616
rs80046733	A	0.1368

rs12540247	A	0.0455
rs146185745	A	-0.0574
rs12700862	G	-0.018
rs74642501	T	-0.0372
rs4236395	A	0.0241
rs17435702	T	-0.0166
rs12540699	A	0.037
rs73091042	A	-0.0343
rs17158181	T	0.0897
rs78573068	G	0.0402
rs12534332	G	0.0198
rs11440806	G	0.0501
rs117911427	A	0.1129
rs111461090	C	0.0567
rs117245562	A	0.0405
rs146349362	A	0.041
rs12155412	A	-0.05
rs74404483	A	-0.1013
rs11980216	T	0.0707
rs28677469	G	0.1209
rs34132710	C	0.0916
rs76427730	T	0.091
rs657199	T	0.0288
rs73107125	C	-0.0388
rs11983800	C	-0.037
rs17595350	A	-0.0285
rs62441762	C	0.032
rs13236669	C	0.0282
rs809132	C	-0.0164
rs117359983	G	-0.058
rs12667858	A	0.0253
rs151324217	A	-0.0858
rs7794608	A	-0.0645
rs117941166	A	-0.0677
rs10239315	C	0.0165
rs1432189	T	-0.0456
rs145047262	T	-0.0709
rs143140455	T	-0.0358
rs10233878	T	-0.0175
rs1985530	G	0.0175
rs144929731	G	-0.1188
rs78462774	G	0.0598
rs75039350	T	-0.0918
rs10265126	G	0.0214
rs80061180	C	-0.1077
rs11772886	C	0.0457
rs117281569	A	0.0559

rs7784889	A	0.0366
rs117321452	A	0.1308
rs35344703	A	-0.0571
rs79941662	A	-0.0889
rs7795053	G	0.0439
rs2158837	T	-0.0196
rs55703903	T	0.0212
rs990108	C	0.0214
rs141807409	A	0.0833
rs17336352	C	0.0784
rs12154454	A	-0.0155
rs13241159	C	-0.0348
rs76877479	T	0.0687
rs6945426	C	-0.0779
rs11761093	G	-0.0245
rs34621905	T	0.0382
rs7793077	T	0.0462
rs117017775	G	-0.0375
rs35496280	T	-0.0286
rs17154833	C	0.0996
rs6969383	G	0.0159
rs78686616	G	0.0627
rs10231832	A	-0.0164
rs1182397	T	0.0222
rs73150989	A	-0.0633
rs148945863	C	-0.0689
rs137870785	G	-0.1006
rs151180363	T	-0.1005
rs114392052	A	0.0944
rs4722579	G	0.0194
rs73126469	C	-0.0609
rs80317525	A	0.0475
rs116974528	C	-0.0608
rs73160623	G	-0.0521
rs12531005	A	-0.0163
rs2902631	T	0.0201
rs149121000	A	0.0773
rs41281695	A	0.1007
rs7806058	G	0.0173
rs7786197	G	0.0228
rs12705148	G	0.0177
rs112688590	T	0.0473
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rs4716685	A	0.0196
rs11982232	G	0.0275

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rs78018792	T	0.1037
rs4725545	G	-0.0189
rs740993	T	0.0198
rs117334116	C	-0.0464
rs73088279	T	0.0217
rs6978858	T	0.0776
rs4484598	G	0.0242
rs149901303	A	-0.0673
rs55930280	G	-0.0168
rs73157972	A	-0.0238
rs1421321	A	0.021
rs74593744	G	-0.0733
rs11976341	C	-0.0293
rs113210078	T	0.0566
rs150136658	A	-0.1272
rs79186435	C	0.0571
rs73521447	C	-0.0667
rs56178992	G	0.0155
rs146757684	A	0.1058
rs58937146	G	-0.0224
rs79664726	G	0.1134
rs984184	C	0.0182
rs7809323	A	0.0237
rs77557832	G	-0.1093
rs1918523	T	-0.0258
rs2243572	T	-0.0191
rs35349017	C	0.0605
rs140527995	T	0.1079
rs35105540	G	-0.0205
rs940417	G	-0.0256
rs73091352	A	0.0564
rs118186700	A	0.0561
rs149790855	T	0.0826
rs117707977	A	-0.0918
rs73225066	A	-0.0236
rs76746441	A	0.0407
rs80281693	T	-0.034
rs4723132	G	-0.0188
rs73149720	T	0.0722
rs143244279	A	-0.0629
rs56388003	C	0.0675
rs75435015	A	0.0717
rs57852521	G	-0.0396
rs62454608	T	-0.059

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rs12535655	C	0.023
rs73054552	C	-0.1179
rs73075691	C	-0.0838
rs1796058	A	-0.0434
rs17149405	C	0.0556
rs117138030	A	-0.085
rs12670354	T	-0.0379
rs17346782	T	0.0221
rs114200618	C	0.0845
rs117461805	T	0.0701
rs73717574	T	-0.0314
rs80040498	C	0.0925
rs117696411	A	-0.0646
rs9639139	A	0.0187
rs78558874	G	0.124
rs11767730	T	0.0173
rs6974204	G	0.0179
rs117756080	T	0.0814
rs73080559	G	0.071
rs78662193	C	0.1129
rs34242866	G	0.0236
rs118126014	A	-0.0632
rs117441258	G	0.0641
rs7782904	A	0.02
rs78821950	T	0.0639
rs73219303	A	-0.0322
rs117665859	G	0.0931
rs62488040	T	-0.0654
rs4295612	A	0.0183
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rs12534236	T	0.0327
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rs117381290	T	-0.0656
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rs78412822	T	-0.0515
rs11760574	C	0.0312

rs75025763	T	0.0399
rs4726445	T	0.0499
rs74947242	T	-0.0447
rs10264676	T	-0.0194
rs11769529	T	0.0216
rs12698950	A	-0.1332
rs62489382	T	-0.0235
rs148203273	A	0.0595
rs6972533	C	0.0177
rs6946418	G	0.0167
rs140271103	G	-0.0388
rs150058126	G	-0.0825
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rs17376624	A	-0.038
rs12113848	G	0.018
rs61740884	A	0.0425
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rs116434331	C	-0.0629
rs147161951	C	-0.0976
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rs147175025	C	-0.1144
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rs13438248	G	0.0229
rs3779074	A	-0.0159
rs4728972	T	0.0176
rs1075135	T	-0.0303
rs10236516	T	0.0225
rs139848219	A	0.0628
rs10951082	C	0.0162
rs80201663	C	0.0219
rs10954306	T	-0.0187
rs147303478	A	-0.0902
rs117243001	A	-0.1173
rs6969195	T	-0.0171
rs73154588	G	0.0417
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rs17163952	A	0.0467
rs7791027	C	0.0466
rs62469047	A	0.0946
rs4909058	A	-0.0478

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rs150212709	A	0.0371
rs11764560	T	-0.0154
rs140190778	T	0.0812
rs74391996	T	0.0369
rs62450963	C	0.0275
rs17655848	C	-0.0613
rs116621669	T	0.0418
rs1637075	C	0.016
rs7811872	A	0.0998
rs112560527	C	0.0818
rs75582641	A	-0.0254
rs77572832	A	-0.0722
rs41276021	T	-0.0529
rs141621306	A	-0.0396
rs34287328	T	0.0359
rs62484939	T	-0.0882
rs4724878	C	0.0221
rs78468065	G	0.0294
rs60123787	G	0.0989
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rs850403	G	0.016
rs6951637	C	-0.0391
rs6952508	C	-0.0162
rs1302921	A	0.0194
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rs116913190	A	-0.1206
rs4728437	T	-0.0478
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rs111623954	A	0.0466
rs151096906	A	-0.0796
rs116159902	T	-0.0872
rs140303545	G	-0.1086
rs116978650	A	-0.0808
rs73269158	G	-0.0665
rs10274166	C	0.0234
rs1991119	G	-0.0669
rs147891950	A	-0.1155
rs117468143	G	-0.086
rs80185257	G	0.029
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rs254866	C	-0.0639
rs11771570	G	-0.0273
rs9647758	G	-0.1166
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rs138831874	T	0.0739

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rs117832997	T	-0.1477
rs145255289	C	0.0742
rs7786333	T	0.0218
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rs142270731	C	-0.0461
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rs111454409	C	0.0726
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rs143307882	G	-0.1156
rs6466942	C	0.0211
rs17158491	T	0.0224
rs13222549	C	-0.0159
rs68172234	A	0.0669
rs1175452	A	-0.0194
rs13438573	A	-0.0446
rs117404958	T	-0.0584
rs73194954	T	-0.0324
rs3212298	T	-0.0357
rs117185485	A	-0.0758
rs60522379	T	-0.0412
rs111657334	C	-0.0704
rs6971784	C	-0.0268
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rs2622261	T	-0.0278
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rs117334378	A	-0.0974
rs117655012	G	-0.0464
rs1639895	T	-0.0222
rs74501837	C	-0.0544
rs10253408	C	-0.0251
rs2040740	C	0.0227
rs4469374	T	0.0164
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rs11768953	G	0.0275
rs113930185	A	0.0293
rs73090654	C	0.04
rs1799249	A	-0.0594
rs4425666	A	0.0195
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rs55971747	A	-0.0195
rs117307535	T	0.1444
rs62461177	T	0.0352
rs80311328	T	-0.0552
rs10953699	C	0.0615
rs71541401	A	0.0533
rs2161825	T	-0.0156
rs17152307	G	-0.0628
rs35899914	G	-0.04
rs1643287	C	-0.0171
rs138627009	A	0.0378
rs7786318	G	-0.0188
rs62453396	A	-0.0813
rs150653978	G	0.0415
rs150413520	T	-0.0256
rs2949833	T	-0.0172
rs17132922	T	-0.0189
rs137964939	C	0.0585
rs146095058	G	-0.1499
rs1004318	T	-0.0305
rs17151129	G	-0.0736
rs117255601	T	0.0527
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rs886756	C	-0.0175
rs113269040	G	0.0439
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rs17132703	G	-0.0275
rs56320202	C	0.0351
rs117360332	A	0.0673
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rs77483305	T	-0.0568
rs10233097	C	-0.058
rs62481070	A	0.0456
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rs2164220	T	0.0311
rs11762478	A	0.0267
rs2132046	G	-0.0231
rs56311160	T	-0.017
rs12674335	G	-0.0166
rs76668325	A	-0.0755
rs1468147	A	0.0328
rs6959644	A	0.0154
rs149476607	C	0.0789
rs10237500	T	0.0254
rs11575472	C	0.0505
rs140503843	G	-0.1207
rs34500452	G	0.0526
rs56156312	C	0.0548
rs731263	A	0.0704
rs79784692	G	-0.05
rs7458892	A	-0.0364
rs117306251	T	0.0532
rs112068143	A	-0.0346
rs6952065	C	0.0251
rs116919730	C	-0.1212
rs270905	G	-0.0617
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rs7792765	G	-0.0153
rs2697493	C	0.0292
rs59150282	A	-0.0394
rs62481784	G	-0.0391
rs76303566	C	-0.1046
rs80172977	A	0.0408
rs1860755	A	0.026
rs73187336	C	-0.0818
rs2854542	C	0.0166
rs143365016	A	-0.1105
rs30598	C	-0.0166
rs76243452	A	-0.1069

rs28916317	A	0.0729
rs2893528	T	0.0157
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rs10269466	T	0.0624
rs7804328	A	0.0368
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rs6970846	A	-0.1116
rs35200331	T	-0.0186
rs73088099	T	0.0592
rs75840590	C	0.0553
rs4724298	T	0.0209
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rs141716694	G	0.068
rs62463680	G	0.0974
rs151331733	T	-0.0696
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rs138022514	A	0.0775
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rs11768968	T	0.0501
rs78363426	C	0.0598
rs12530995	T	0.0626
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rs75866668	C	0.1302
rs76091302	T	0.0812
rs290805	T	-0.0198
rs219232	A	-0.0275
rs13231272	C	0.0192
rs73053454	C	0.0908
rs10275475	C	-0.0183
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rs73219928	A	0.045
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rs2527515	T	0.0301
rs111464092	T	-0.1045
rs113920358	T	-0.0293
rs73139137	A	-0.0549
rs28510521	A	0.0646
rs141240909	A	-0.0651
rs71534174	C	0.0631
rs78172408	C	0.0459
rs803162	G	0.0844

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rs73080785	C	0.0787
rs112242155	G	-0.0919
rs12699393	C	0.0221
rs13246950	G	-0.0153
rs56311485	A	-0.0322
rs12113762	G	0.0236
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rs117662398	G	-0.0805
rs17437670	G	0.0296
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rs78192754	A	-0.0292
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rs2722246	G	-0.0235
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rs77440558	T	0.0428
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rs4947475	G	0.0158
rs148389880	G	0.0686
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rs757963	T	-0.0172
rs2075069	G	0.0157
rs10488027	T	0.0205
rs3757570	G	-0.0206
rs17614406	A	-0.0691
rs11770661	A	-0.056
rs12666785	C	-0.0155
rs77240401	T	-0.0643
rs62444177	T	-0.0206
rs7800829	A	0.0299
rs73123381	C	-0.1038
rs10232072	C	-0.0203
rs77417070	T	-0.0939
rs11185580	C	0.0175
rs7788187	A	0.0289
rs111319184	A	0.1117
rs77366225	A	-0.0544
rs117368082	G	-0.1086
rs671234	C	-0.0162
rs72583180	G	0.0224
rs56152275	A	-0.0537
rs17590581	A	-0.0237
rs2391937	A	0.0612
rs62446922	T	0.0637
rs62445273	T	0.0225
rs12706326	A	0.0341
rs41329345	C	0.022
rs12532866	A	0.0229
rs28858679	T	-0.0982
rs144154058	A	-0.0612
rs10264520	T	0.0311
rs17170013	G	0.0855
rs77698107	C	0.039
rs61245404	A	0.0283
rs12532736	A	0.0157
rs111556020	A	0.024

rs142048554	G	0.102
rs117391024	T	-0.0673
rs144761883	C	0.124
rs62468019	C	0.0214
rs75520353	C	0.1154
rs10225228	C	0.0481
rs4724970	C	0.0173
rs73679859	C	0.1117
rs6979478	T	0.0158
rs149251786	T	-0.0421
rs1394170	C	-0.0421
rs2470990	A	-0.052
rs17169573	T	-0.029
rs2727474	T	-0.0159
rs140169695	T	-0.0791
rs117126000	C	-0.0776
rs6974893	C	0.0358
rs4730423	C	0.016
rs73121595	T	-0.0428
rs7792034	C	0.016
rs73168394	A	0.0394
rs67281112	G	-0.031
rs6943342	A	0.0196
rs10277764	A	-0.016
rs77205573	T	-0.0267
rs10954160	A	0.0241
rs79506772	C	0.0529
rs78853580	A	0.0602
rs10281894	C	-0.0309
rs37944	T	-0.0154
rs73216663	G	-0.0308
rs17170313	A	0.0829
rs113178027	G	0.0269
rs71534626	C	0.0306
rs13236085	T	-0.023
rs9886331	C	-0.1148
rs73068931	G	-0.0252
rs206195	T	0.0152
rs150738959	T	0.1023
rs7799868	C	0.038
rs73063149	C	-0.0616
rs111696725	A	0.1052
rs2109857	T	-0.0154
rs58061627	C	0.0257
rs4724545	T	-0.0213
rs28713461	T	0.0263
rs1799884	T	0.0198

rs6961720	G	0.0239
rs112815321	T	-0.0417
rs2390787	A	0.0169
rs6961627	A	0.085
rs58597105	G	0.0384
rs79121484	C	0.1022
rs28405593	T	-0.0174
rs10248115	A	0.0514
rs10261069	C	0.0226
rs62468274	A	-0.0517
rs58113645	A	0.1194
rs117789449	G	-0.0693
rs10488404	T	-0.063
rs34538852	C	0.0209
rs80199361	C	-0.1257
rs151145303	A	0.0921
rs117001133	C	0.0682
rs2560640	T	-0.0199
rs4723842	T	-0.021
rs79367275	C	0.0392
rs2191486	G	-0.0152
rs74718589	T	-0.0455
rs713493	G	-0.015
rs6948929	T	-0.0708
rs11771356	C	0.057
rs117039808	A	-0.1218
rs2028008	C	-0.0168
rs73345866	T	0.034
rs35859876	T	0.1069
rs9690436	T	0.0282
rs79495002	T	0.1032
rs112879609	C	0.0683
rs2057923	A	0.0568
rs1181906	G	0.0245
rs12667387	T	-0.0197
rs73102659	T	-0.0833
rs56881191	T	0.0413
rs35669785	T	-0.0281
rs34084492	A	-0.0216
rs10487169	T	0.0459
rs2965397	G	0.0288
rs6953791	C	-0.0244
rs73084317	G	-0.0254
rs76169611	C	0.0769
rs76023942	A	0.0597
rs117775965	A	-0.0691
rs73124021	G	0.0205

rs79000792	A	-0.072
rs76038373	T	0.0589
rs219827	A	0.0147
rs3111456	A	-0.0167
rs139522149	A	-0.0899
rs78737793	G	0.0695
rs138800483	T	-0.1163
rs9641218	A	0.0178
rs6978672	A	-0.0595
rs12538388	C	0.0246
rs1151791	G	0.0388
rs10435401	C	0.0695
rs111618323	T	-0.0596
rs6971997	C	0.0194
rs117872065	G	-0.0422
rs150875	A	-0.0406
rs77512044	T	0.0578
rs34962711	A	-0.0155
rs2727835	G	0.0232
rs172707	A	0.0168
rs9638310	A	-0.0212
rs6466052	C	0.0179
rs113431652	G	0.0809
rs13227146	C	-0.0284
rs12531679	A	-0.0266
rs73076716	A	-0.022
rs39577	A	-0.0193
rs68101472	A	-0.0384
rs55688203	T	-0.0441
rs112149122	A	0.085
rs144605212	T	-0.071
rs994247	T	0.0296
rs2282872	G	0.0147
rs55741256	A	0.0208
rs77458669	G	-0.0575
rs2240005	A	-0.0178
rs80280566	A	-0.1353
rs12670483	G	0.0165
rs55917587	G	0.0167
rs11971309	T	0.0153
rs2345055	A	-0.0153
rs75372553	T	-0.0455
rs142352643	T	-0.0626
rs13234159	G	0.0635
rs117067537	T	-0.0562
rs34320540	A	0.0355
rs151223554	T	0.0456

rs10499477	G	0.0235
rs2107726	A	-0.0155
rs140247094	A	0.1012
rs62480428	A	-0.0185
rs75272741	C	0.0785
rs150099834	T	-0.0671
rs62468057	A	0.0174
rs7812156	C	0.0156
rs74337584	T	-0.1188
rs4295596	A	-0.0167
rs35402076	A	-0.0262
rs76883725	T	0.033
rs6961247	T	-0.0149
rs7797948	C	-0.025
rs2374131	T	-0.0261
rs2316531	G	0.02
rs2060329	C	-0.0163
rs11761713	G	-0.0353
rs7800650	C	-0.0367
rs7778641	A	0.0179
rs117104597	A	0.0485
rs34016595	T	-0.0167
rs4727203	C	-0.0323
rs17146953	C	-0.0206
rs150809692	C	0.0587
rs34783436	T	0.0881
rs117125121	T	0.0441
rs7456644	G	0.085
rs41317	G	0.0192
rs73134721	T	0.1302
rs139752311	A	0.0277
rs141810204	T	-0.0823
rs114523219	A	0.0393
rs74559608	A	-0.0508
rs117613231	C	0.0599
rs117923478	C	0.0864
rs6960531	A	0.0307
rs17426755	A	-0.0432
rs138701201	T	-0.0709
rs75795650	G	0.0316
rs35346230	C	-0.0772
rs1124156	A	-0.0186
rs111573955	T	-0.0609
rs117323937	G	-0.1157
rs141937197	A	-0.1203
rs140196032	G	0.052
rs12703117	T	-0.0244

rs148250798	G	-0.0636
rs62444088	A	-0.0549
rs10267219	T	0.0156
rs66778150	T	-0.02
rs10279904	T	-0.1508
rs116887986	C	0.0366
rs77311002	C	-0.0633
rs2391755	T	0.0387
rs73714920	C	-0.0327
rs34954123	C	0.0804
rs10280625	C	0.0199
rs6463815	G	-0.0152
rs16875645	C	-0.0562
rs79969407	A	0.0386
rs73157685	C	-0.0698
rs75116588	A	-0.056
rs4724467	G	-0.0154
rs62456447	G	0.0438
rs12531018	C	-0.0173
rs2708652	C	0.0407
rs6945162	A	0.0478
rs78835339	A	0.1295
rs73099996	A	0.093
rs146543341	A	0.124
rs149049743	T	0.0622
rs143904627	T	0.0687
rs12537476	A	0.0333
rs28415399	C	-0.0731
rs6465007	C	-0.0442
rs140511303	T	-0.0587
rs58967321	C	-0.0482
rs10234925	G	0.0783
rs34372488	G	0.0259
rs2280654	A	-0.0234
rs31645	T	0.0243
rs56183317	T	0.0692
rs10280493	A	0.0271
rs144656974	T	0.0645
rs7804568	T	-0.0322
rs10215394	C	0.0146
rs11765495	A	0.0636
rs62460728	G	-0.0245
rs76681999	T	-0.0536
rs6961894	T	0.0229
rs1860480	G	0.0316
rs66620421	T	0.0226
rs12700631	G	0.041

rs855673	C	0.0208
rs147464277	A	-0.0534
rs116908511	T	0.0437
rs117196090	T	0.0923
rs140442775	A	0.1135
rs148442408	A	0.0488
rs35511810	G	0.0448
rs35936518	T	0.0234
rs112874046	T	0.0872
rs6968484	T	-0.0158
rs76146992	G	0.0561
rs7806017	G	0.0218
rs146077884	T	-0.1102
rs10235010	C	-0.0218
rs62464636	G	-0.0777
rs117922523	T	-0.0959
rs73165294	A	0.0326
rs13234810	G	0.0292
rs7456677	C	-0.0502
rs6951879	T	-0.0225
rs1725623	T	0.023
rs117801000	A	-0.056
rs73099684	A	0.04
rs11760690	C	-0.0287
rs62457839	A	0.0198
rs11763719	T	0.0178
rs75296166	C	0.0589
rs1695513	G	0.0228
rs4721330	G	0.0153
rs17162736	A	-0.0228
rs10282196	T	0.0661
rs57615459	G	0.0189
rs79054735	A	0.0951
rs4371883	G	0.0151
rs75084004	T	-0.027
rs143365941	T	-0.032
rs62456769	A	0.0713
rs10255611	A	0.0342
rs12669612	G	-0.0201
rs13226749	T	0.0826
rs10486971	G	-0.018
rs117418184	T	0.0701
rs117044701	C	0.0543
rs2037795	T	0.0343
rs10244057	C	-0.0152
rs13239309	C	0.0289
rs2021885	T	-0.0163

rs78981294	A	-0.056
rs148324787	G	-0.0791
rs10264843	C	-0.0161
rs73100889	T	0.0925
rs79896977	T	0.0938
rs73699748	A	0.0307
rs2129906	A	0.043
rs73276267	T	0.0632
rs7804046	G	-0.0248
rs11980359	G	-0.0182
rs2192001	C	0.0198
rs79595953	T	-0.079
rs74503578	A	0.0335
rs117011695	A	0.0666
rs12718951	C	0.0437
rs151194942	C	0.04
rs73745045	T	0.0626
rs117714269	T	-0.0571
rs73058542	T	0.0877
rs2278364	G	0.0847
rs62469778	C	-0.034
rs692350	A	0.0719
rs117567158	G	-0.0553
rs4948051	T	-0.0219
rs2158623	G	-0.0179
rs7806362	A	-0.0144
rs75709773	A	-0.0692
rs34095637	A	0.0368
rs1347389	A	-0.0266
rs10247883	G	0.0168
rs60545783	T	0.0721
rs117230246	G	0.1071
rs2267703	A	-0.0187
rs4263651	G	0.0838
rs74598990	A	0.0885
rs10229414	C	0.0256
rs7785881	A	0.0635
rs4404832	T	0.0213
rs144273091	T	0.092
rs7805822	C	0.0228
rs17777219	C	-0.0976
rs6466073	A	-0.0185
rs147193037	C	-0.0952
rs10248735	A	0.045
rs1421309	G	0.0177
rs140179963	T	0.0455
rs1222396	G	-0.0195

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rs139474912	T	-0.1265
rs116028098	G	0.0273
rs3095477	G	0.0163
rs79695153	G	0.0849
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rs62477625	A	-0.019
rs147067788	A	-0.0641
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rs78918375	A	-0.0879
rs111723448	C	-0.0334
rs35459577	T	0.015
rs323184	T	0.0192
rs146508432	T	-0.0444
rs73122953	C	0.0571
rs78868449	C	0.0527
rs11977085	A	-0.018
rs151069873	A	0.0945
rs75474346	T	-0.0338
rs36069358	A	-0.0631
rs6961130	C	0.026
rs75244753	G	-0.0623
rs9692242	G	-0.0161
rs78042243	G	0.0592
rs16883157	T	-0.098
rs13224010	C	0.0678
rs17146811	T	0.017
rs77226429	A	0.0743
rs139573600	G	-0.1093
rs116893627	A	0.1203
rs117773911	G	-0.0934
rs6960545	T	-0.028
rs11761760	A	-0.015
rs6954326	T	-0.0242
rs10256063	T	-0.0201
rs117767698	T	0.0512
rs149663990	A	-0.0673
rs11771506	A	-0.0162
rs74950941	C	-0.0792
rs139744883	A	0.0835
rs10950140	A	-0.0179
rs142174683	C	0.0591

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rs117376637	C	0.0696
rs142725665	A	0.0853
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rs117257266	T	0.1163
rs151104795	C	0.0897
rs73091437	G	0.0729
rs13232836	T	-0.039
rs13243623	G	-0.0838
rs12539689	G	-0.0289
rs62458187	A	0.0908
rs56402454	A	-0.0547
rs118001463	C	0.0865
rs6467334	C	0.0322
rs117189839	A	0.0838
rs112617635	C	-0.0552
rs113409538	A	0.0332
rs115127521	T	0.0636
rs79599576	T	0.0874
rs74664880	T	0.0657
rs35995765	T	-0.0244
rs7810985	T	0.0487
rs7787578	A	0.0238
rs116986856	C	0.062
rs59650922	G	0.1162
rs1964235	T	0.0214
rs79864825	C	-0.0315
rs117816691	T	0.0767
rs10235330	T	-0.0643
rs147531408	A	0.1065
rs138342776	T	-0.0893
rs67955352	T	-0.0168
rs10231475	A	0.0148
rs7456197	C	-0.0261
rs73317078	C	-0.0231
rs79550579	G	-0.0677
rs1229656	A	-0.017
rs6960859	T	0.0206
rs4731621	A	0.0249
rs1186746	C	0.0245
rs17157950	G	0.0418
rs13240286	A	-0.0241
rs10269157	T	-0.0372
rs144781039	T	0.0442
rs139496092	G	0.0724
rs76302778	T	-0.0329
rs17156685	G	0.035

rs17546921	T	0.0278
rs73149798	T	-0.0632
rs138702355	C	0.0406
rs138127343	A	-0.1106
rs74490938	A	0.0303
rs2371732	A	0.0186
rs3807294	A	0.0159
rs62481179	A	-0.0344
rs78139597	A	0.1035
rs12670755	T	0.0147
rs79124605	T	0.0364
rs113353068	A	0.0625
rs142596194	A	-0.0856
rs142523255	A	0.0718
rs112852185	T	0.0574
rs6975490	A	-0.0143
rs146345928	A	-0.0683
rs34620479	T	0.0251
rs56104611	C	0.0643
rs117414022	T	0.0233
rs116887959	T	0.0346
rs12537313	T	0.0496
rs799617	T	0.0192
rs3823689	G	-0.0244
rs12673247	G	-0.0278
rs72613912	T	-0.0266
rs2188508	T	0.0267
rs139765219	A	0.101
rs7800517	A	0.0199
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rs111703314	A	-0.0219
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rs12539223	C	-0.0161
rs17437677	G	0.0678
rs3731332	T	0.0623
rs6979461	G	-0.0155
rs141689518	C	-0.1039
rs6464326	C	0.0329
rs3735115	A	-0.0158
rs117010641	T	-0.0481
rs79415164	A	-0.0684
rs80250614	T	0.0443
rs77537245	T	-0.0964
rs10488187	C	0.0243
rs141850046	A	0.0752
rs78916633	A	0.0757

rs6462110	T	-0.0155
rs2728468	C	-0.0149
rs117111008	T	0.1063
rs111761453	T	0.0382
rs117917698	A	-0.0561
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rs73174577	T	0.0512
rs11771361	G	-0.0243
rs4270895	G	0.0314
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rs17594625	A	-0.05
rs138961668	G	-0.0913
rs113629383	G	-0.0506
rs149521450	T	0.0913
rs117844665	G	-0.0539
rs2214930	C	0.0145
rs12702241	A	0.0433
rs13247531	T	-0.0553
rs73156279	C	0.0489
rs17777652	C	-0.0478
rs4448158	G	0.0168
rs149619723	T	0.1241
rs34413901	A	0.0342
rs77463771	C	0.0854
rs145290269	A	-0.0347
rs1863375	C	-0.0143
rs7781551	C	-0.0146
rs76982860	C	-0.0797
rs9769716	A	0.02
rs7799293	T	-0.0607
rs113649298	C	-0.0276
rs4720055	T	0.0395
rs245982	A	0.016
rs151060298	A	-0.0946
rs6945225	G	0.0144
rs2302006	G	0.0185
rs11773369	T	0.0247
rs73101932	A	-0.0226
rs17497711	T	0.0401
rs62481307	A	-0.0994
rs141040185	C	0.0803
rs4032750	T	0.0361
rs6966956	G	-0.0181
rs117353063	C	0.0478
rs4394326	A	0.0701
rs117710498	A	0.0549
rs4725460	T	-0.0182

rs79264854	C	0.1133
rs117160294	C	0.0716
rs12705836	A	-0.0148
rs34483944	A	0.0146
rs73717440	A	-0.0519
rs17680970	A	-0.0389
rs3907714	T	0.0174
rs79716602	C	0.0172
rs118125989	G	0.1286
rs117983995	A	-0.0572
rs111649133	G	0.036
rs75297010	A	-0.1274
rs10950320	C	-0.014
rs35080674	T	-0.0781
rs4724565	G	-0.0142
rs80018803	T	-0.0848
rs1852005	T	-0.0289
rs1468184	G	-0.0142
rs2527189	C	-0.0435
rs212661	A	0.0441
rs62468110	T	-0.1343
rs73156503	T	0.044
rs2109379	C	-0.0507
rs80076384	A	-0.0569
rs10257540	A	0.0168
rs75685723	C	0.1119
rs79635349	T	0.1039
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rs6967740	C	0.0146
rs72505505	T	0.0187
rs2193443	C	0.0168
rs17156498	C	0.0796
rs6970983	G	-0.0154
rs17172644	T	-0.0174
rs55673824	T	0.0191
rs117852030	T	-0.0315
rs112405288	T	-0.0651
rs35128286	A	-0.1057
rs4721526	G	0.018
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rs2710967	C	0.0179
rs2131058	T	0.0195
rs76170772	G	-0.1313
rs144649826	A	0.0602
rs7784370	A	0.0142
rs80228270	T	-0.0337

rs28408636	T	-0.0436
rs141824929	A	0.0607
rs6979063	G	-0.0142
rs143693335	A	0.0796
rs269243	G	0.0312
rs34540882	T	0.0546
rs28451351	A	-0.0896
rs117066703	C	-0.0706
rs116932565	G	-0.0718
rs142076757	A	-0.0727
rs34302122	A	-0.0606
rs112946207	A	0.0625
rs146197163	T	0.0638
rs2394871	A	-0.0262
rs149508373	T	0.0527
rs28375432	G	-0.0244
rs13438084	C	-0.0379
rs75998658	T	0.038
rs10246862	A	0.1104
rs77112913	C	-0.0837
rs13245847	C	0.0148
rs4717837	A	0.0154
rs617433	T	0.0227
rs79077402	G	0.0549
rs6461593	C	0.0193
rs2237428	C	-0.0144
rs56401515	A	-0.0157
rs34053130	T	0.1125
rs59143542	T	-0.0229
rs13230282	T	0.0916
rs4272327	A	0.0193
rs176560	A	-0.042
rs13238852	A	0.0441
rs13224945	A	-0.0258
rs117253568	A	-0.0718
rs1950011	G	0.0339
rs10279211	C	-0.0391
rs11768709	T	0.0212
rs59672182	T	0.0315
rs145724351	T	0.0477
rs17239572	T	0.0627
rs12534177	G	0.04
rs117825984	A	-0.0919
rs79511654	T	-0.0517
rs10950558	G	-0.0171
rs75345508	C	0.0416
rs2729551	T	-0.0149

rs34694271	C	-0.0409
rs61006673	A	-0.0193
rs17427651	C	0.0881
rs13236614	T	0.0178
rs12666367	G	0.0327
rs2058545	C	0.0157
rs10262989	A	-0.0283
rs17133451	C	-0.0221
rs146844569	A	-0.0787
rs80325961	T	0.0342
rs7799413	A	0.0389
rs75756980	G	-0.0937
rs117768391	A	-0.0432
rs1167797	C	-0.0165
rs12155151	G	0.065
rs68078138	T	0.0331
rs34472934	C	-0.0193
rs73172838	T	0.0434
rs75911329	G	0.0418
rs4717127	A	0.0329
rs73439367	G	0.1386
rs846928	A	0.0192
rs11770969	C	0.0333
rs118096813	A	0.0754
rs78640994	T	0.075
rs113809330	A	0.1073
rs7808600	G	0.0385
rs4724081	C	0.0152
rs76974008	A	0.0856
rs113526095	A	0.0627
rs6968858	C	-0.0416
rs2727536	G	-0.0197
rs13246994	A	0.1007
rs143336976	T	0.056
rs2299169	C	-0.0184
rs17869364	A	-0.0326
rs4349905	T	-0.0232
rs73133466	C	-0.0418
rs62480210	T	-0.0806
rs140554601	G	0.1024
rs1990554	A	-0.0784
rs10954224	T	0.0143
rs141963972	T	-0.0558
rs903889	G	0.0174
rs141636340	C	-0.0961
rs17140370	T	0.0278
rs117284917	G	0.0662

rs78871323	G	-0.023
rs4729325	C	0.0338
rs62472112	G	-0.0629
rs10952785	C	-0.0166
rs13235568	C	-0.0771
rs142020035	A	-0.0919
rs4724400	A	0.0144
rs252854	T	-0.0143
rs73462764	A	-0.1155
rs10261336	A	-0.027
rs115645526	C	-0.0334
rs117450283	T	-0.0804
rs17133172	G	0.0201
rs73066260	G	0.038
rs2714874	T	0.029
rs13232452	C	-0.0141
rs1596974	T	-0.0215
rs73446845	A	-0.0535
rs4727809	A	0.0145
rs151323477	C	0.1142
rs17155853	A	0.0227
rs11982012	C	-0.0153
rs116964607	A	-0.0407
rs144082901	A	-0.0532
rs10277381	A	0.0969
rs117774815	T	-0.0624
rs35722522	G	-0.064
rs117254741	T	0.0946
rs117314219	A	-0.0756
rs6971882	A	0.014
rs12155487	T	0.0706
rs10236842	G	0.0293
rs77540070	G	0.0335
rs113314246	C	0.0663
rs62462212	C	0.0231
rs2239614	C	0.0154
rs117768683	C	0.0396
rs1018954	A	0.0143
rs13447418	T	0.071
rs77257971	T	-0.0311
rs6583344	A	0.0153
rs10246880	C	-0.0369
rs4716798	C	-0.0341
rs6980090	A	0.0921
rs80226429	G	-0.0642
rs7792711	C	-0.0291
rs4724910	G	0.0192

rs10950452	C	-0.015
rs75934656	A	-0.0689
rs71565179	A	-0.0229
rs3094752	G	0.0161
rs117157077	G	0.0756
rs151255502	A	-0.1209
rs7779173	T	0.0138
rs80232444	C	-0.0462
rs112251449	A	-0.0721
rs56129741	G	0.0495
rs7800698	G	0.0205
rs113683295	A	-0.046
rs4720525	G	0.0174
rs7791141	C	-0.0172
rs56065752	A	0.0765
rs10241157	T	0.0195
rs10953648	T	0.0166
rs17151702	A	0.0922
rs7793135	C	0.0509
rs11761128	C	-0.0181
rs11763697	G	-0.0715
rs6466153	C	-0.0366
rs10232497	G	0.0142
rs118018636	T	-0.0588
rs11980482	C	-0.0396
rs73169575	T	0.0296
rs10248655	T	0.0351
rs116990431	G	0.0751
rs79116681	T	-0.0266
rs73056249	T	-0.0668
rs73092001	G	0.0542
rs10259160	C	-0.0657
rs118152528	C	-0.0444
rs74653354	T	0.049
rs1513916	G	-0.0742
rs1670375	C	-0.0406
rs11769046	A	-0.0248
rs117675066	T	-0.0351
rs17517584	T	0.0624
rs77578254	C	0.1091
rs76417578	T	-0.0364
rs111961085	C	0.0337
rs17438501	C	-0.0139
rs11767512	A	-0.0327
rs112928102	A	0.0304
rs6951168	G	-0.0194
rs1011189	C	-0.0198

rs142649480	T	0.0988
rs112339969	G	0.093
rs79250250	A	-0.0786
rs67852718	A	0.0566
rs61008539	G	0.0152
rs4544985	C	0.0139
rs73121539	T	-0.0695
rs116429461	A	0.0462
rs140445513	A	-0.0605
rs117088506	T	0.0754
rs143749435	T	-0.0798
rs2398743	G	0.0285
rs12674398	C	0.0225
rs117927076	G	0.0729
rs113767488	C	0.0237
rs2267704	T	-0.0171
rs112472263	C	0.0971
rs74786220	A	0.0873
rs117173569	A	0.1668
rs79433223	G	0.0643
rs79253785	G	0.0259
rs138741913	G	-0.0714
rs12538362	T	-0.0178
rs111416724	A	-0.0207
rs61442297	C	-0.0219
rs17788685	C	-0.0147
rs150660795	A	0.0538
rs757725	T	0.0197
rs35859528	C	0.0343
rs62459390	T	0.1097
rs74453342	G	0.0634
rs75583840	G	0.0207
rs76767333	T	0.0267
rs35986085	T	-0.0732
rs74762778	T	0.0593
rs1122660	A	0.0144
rs78126664	A	0.0734
rs73151595	G	0.0592
rs17172063	A	-0.0292
rs12536242	C	-0.0261
rs13225659	T	-0.023
rs7802309	G	-0.0245
rs6958809	G	-0.0559
rs1201841	C	0.0482
rs6964155	T	-0.0281
rs62486616	G	0.0955
rs72589653	C	0.0399

rs76617483	C	-0.0365
rs117838789	G	-0.0991
rs7808403	C	0.0162
rs3823702	T	-0.0258
rs10232276	C	0.0169
rs76940751	A	-0.0797
rs112029095	T	0.0925
rs145912049	C	-0.0839
rs758987	T	-0.0184
rs75714524	G	0.0734
rs117432259	C	0.088
rs17154888	A	-0.0608
rs117754094	A	-0.0627
rs1477523	T	0.0444
rs150181967	C	-0.0921
rs10243011	C	-0.0232
rs6943726	C	-0.0592
rs62462048	T	0.0237
rs4719622	C	0.0159
rs79193283	A	0.0338
rs79278487	T	-0.0572
rs74844191	C	0.041
rs2717777	C	-0.0236
rs73076529	A	-0.0239
rs76628417	T	0.0392
rs112012363	G	-0.0325
rs62489373	A	-0.048
rs11976947	A	-0.0496
rs118103824	G	-0.091
rs117753993	A	0.0754
rs28521864	G	-0.0193
rs1073379	C	-0.0496
rs6965442	T	-0.0181
rs117345524	A	-0.0557
rs12700465	C	0.0179
rs117141297	C	0.0268
rs17156176	C	-0.0316
rs79384054	T	0.0631
rs12668631	C	0.0224
rs3801901	A	0.03
rs71571032	C	-0.018
rs11977715	A	-0.0179
rs6970952	T	0.0212
rs138832027	T	-0.0633
rs6605557	T	-0.0395
rs77955986	A	-0.0917
rs80223789	T	-0.0249

rs34259212	A	0.0218
rs74552041	C	0.0633
rs11771511	A	-0.0577
rs76879813	G	-0.0415
rs75828991	C	0.0216
rs744684	G	0.022
rs73034709	C	-0.0324
rs28915981	G	-0.0518
rs880048	T	0.0163
rs7806168	A	-0.0226
rs28945388	G	-0.0703
rs118019795	G	-0.0781
rs62448763	A	-0.0475
rs77015200	C	-0.0769
rs79832128	C	0.0372
rs12702770	A	-0.0175
rs13230075	T	0.0161
rs76519620	G	0.0546
rs36100522	G	-0.047
rs6948884	G	0.014
rs140870288	T	-0.0823
rs10261165	T	0.0265
rs61125234	C	-0.0286
rs11773094	T	-0.0142
rs6948773	T	0.025
rs4728224	A	-0.0174
rs4727013	T	0.0136
rs141845679	G	0.0703
rs78785751	C	0.0614
rs12112226	A	0.0849
rs67756771	A	0.018
rs71536628	G	0.0609
rs1294889	T	-0.0158
rs13232049	A	-0.0353
rs34653179	A	-0.0459
rs74758987	T	-0.0705
rs6945410	G	-0.0364
rs62449712	A	0.0158
rs34979616	A	0.016
rs661492	C	-0.0182
rs1376293	A	0.0253
rs143868566	T	0.0174
rs73107846	C	-0.0802
rs146325469	T	0.1229
rs6461048	A	0.0141
rs10236671	C	0.023
rs7809796	T	0.0891

rs73067073	A	-0.0399
rs11978340	T	-0.0174
rs6966182	C	0.0169
rs13246275	C	0.0143
rs12667304	C	-0.0412
rs112841525	T	0.0927
rs75480238	G	0.0697
rs6467098	T	-0.0264
rs78383740	G	0.0813
rs12111817	G	-0.0398
rs10281346	G	-0.0208
rs62473863	C	-0.0685
rs12672431	A	0.028
rs141041425	T	0.0547
rs55674430	A	0.0655
rs73177713	A	0.0595
rs73170687	G	0.0699
rs62495804	C	-0.047
rs146177803	A	0.1458
rs73329157	T	-0.0259
rs56185223	A	-0.0727
rs143627625	T	-0.095
rs74701313	C	-0.0485
rs76982682	T	-0.0559
rs62472213	A	0.0662
rs896153	G	-0.0153
rs78788350	T	-0.0347
rs12700596	C	0.0811
rs116849631	C	0.0553
rs117664051	A	-0.0569
rs73701152	A	-0.0742
rs749318	A	0.0134
rs1203189	G	-0.0181
rs117296024	A	0.069
rs142662185	C	0.0951
rs79016700	C	-0.101
rs1646540	C	0.0147
rs117868012	T	0.0915
rs2526633	G	-0.0162
rs76093185	G	0.0344
rs117318173	T	-0.0607
rs71540533	T	-0.0657
rs74995732	A	-0.0373
rs966790	G	-0.0155
rs115466192	A	0.0613
rs138596206	T	0.022
rs7790407	C	-0.025

rs79728644	C	-0.0497
rs3801903	G	0.0162
rs113866103	G	-0.0319
rs117646587	G	-0.0419
rs13242770	C	0.0228
rs7809545	C	0.0619
rs17248858	T	-0.0238
rs77488208	G	-0.0341
rs1076412	C	-0.0788
rs10487554	A	-0.0156
rs117455207	A	-0.0555
rs4724364	T	-0.0184
rs76771186	A	-0.036
rs80143037	G	0.0269
rs9690101	A	-0.0163
rs117959844	A	0.0899
rs10237014	A	-0.047
rs798476	C	-0.0187
rs2041333	C	0.0202
rs12534304	G	-0.0146
rs1657295	A	0.0307
rs11984260	G	-0.0335
rs150407153	C	-0.0992
rs73224109	A	-0.0181
rs118180668	A	-0.0579
rs59258133	A	0.017
rs35320903	G	-0.0264
rs67111772	T	0.0194
rs12699694	T	-0.0162
rs12154928	T	-0.0791
rs10085484	A	-0.0368
rs78389375	T	0.0761
rs76538400	A	-0.0849
rs7782787	G	-0.0285
rs118189638	C	-0.0629
rs62457770	G	-0.0805
rs73406897	C	0.0658
rs17141317	T	0.0365
rs145662449	G	0.0747
rs10262584	C	-0.0167
rs79709310	C	-0.0365
rs10953241	T	-0.0165
rs17151686	G	-0.075
rs78883636	C	0.0457
rs12536619	G	0.0176
rs583381	G	0.0166
rs310588	G	-0.02

rs10255671	A	-0.015
rs113195570	T	-0.015
rs150451407	C	-0.0224
rs143717085	A	0.0977
rs117929998	C	0.0694
rs6460456	T	0.0143
rs76692704	G	0.0377
rs78288902	T	0.1178
rs78343286	C	0.0421
rs6980334	G	-0.0153
rs78836284	C	0.0784
rs116954381	G	-0.08
rs12705616	T	-0.0164
rs144729196	A	-0.0671
rs73108823	T	0.0208
rs139839446	T	0.0509
rs80278808	A	0.073
rs2428432	T	0.0162
rs17245098	T	0.0471
rs55940510	A	-0.0152
rs35369674	C	-0.0445
rs4947752	C	-0.0153
rs73235101	G	0.0764
rs68127125	C	-0.0191
rs11975644	A	-0.0454
rs76402591	G	-0.0414
rs73686729	A	-0.0804
rs6972838	T	-0.0219
rs78012615	A	0.0767
rs79993564	A	0.0875
rs74803363	C	-0.0573
rs117516937	C	-0.0609
rs77284477	G	-0.0184
rs118010371	T	-0.0472
rs1017607	G	-0.0135
rs12540414	A	0.0201
rs35979304	C	0.0225
rs118050574	C	0.0626
rs117720337	T	0.0421
rs117508204	C	0.106
rs111697653	C	0.0386
rs78162955	A	-0.0286
rs2109780	T	-0.017
rs75757921	A	-0.0659
rs10264753	A	0.0137
rs142640200	G	-0.0765
rs139017108	T	-0.0684

rs17160602	G	0.0234
rs1981603	T	0.0166
rs150644977	G	0.045
rs140700014	G	-0.0312
rs116952651	A	0.0342
rs76219498	A	0.0714
rs55905803	T	0.0293
rs147926119	C	0.0651
rs78842911	T	0.0703
rs10274233	A	-0.0378
rs10225367	C	-0.0264
rs627151	A	0.0159
rs56879997	C	0.0292
rs73699812	C	0.0647
rs11766642	A	0.0447
rs6951184	A	0.0943
rs113461821	T	0.0258
rs9640116	T	0.0698
rs17341408	A	0.0207
rs118038972	G	-0.0588
rs73302756	A	0.0825
rs7808444	C	0.0267
rs17289756	A	0.0194
rs141047820	A	-0.0663
rs78084707	C	-0.0501
rs117485563	A	0.0602
rs62443177	T	0.0392
rs77912590	C	-0.0379
rs35763250	G	-0.0795
rs74318622	T	-0.0383
rs117153459	C	0.1113
rs150463063	T	-0.0705
rs449372	C	0.0243
rs17319264	A	-0.0537
rs73056381	T	0.0397
rs75679039	T	0.0268
rs11982075	A	-0.0237
rs12113051	C	0.0145
rs79399015	C	0.0562
rs62477113	A	-0.03
rs78205196	G	-0.0403
rs55727467	A	0.0278
rs73061089	T	-0.0386
rs145584310	C	0.0488
rs10954300	G	-0.0169
rs75939368	C	0.0334
rs116909157	A	-0.0884

rs17152163	G	0.0306
rs73049206	T	-0.0443
rs6962016	T	0.0162
rs886829	C	-0.0148
rs117497704	A	0.084
rs144423288	A	-0.0354
rs141605778	C	0.1201
rs1880403	G	0.0134
rs62468328	C	-0.0147
rs73061064	G	-0.0922
rs901799	T	0.019
rs62490626	C	-0.0439
rs13311601	T	-0.0412
rs193835	G	0.0725
rs35494245	G	-0.0735
rs9986692	T	0.014
rs140158904	T	0.045
rs12531098	C	-0.0478
rs117758892	C	0.05
rs6976046	A	-0.0477
rs12701503	G	0.0272
rs62481397	G	0.0278
rs77034627	A	-0.1114
rs2107888	T	-0.0165
rs76693344	C	0.0433
rs77555119	G	0.0574
rs3857714	T	0.0254
rs1119331	G	0.0177
rs6975308	T	0.0253
rs7791037	T	-0.0136
rs3923876	G	-0.0159
rs7809262	A	-0.0135
rs35432853	C	-0.0164
rs113717650	T	-0.0796
rs6467409	C	-0.0181
rs62435410	G	-0.0293
rs35824403	A	0.0273
rs1882477	G	0.0192
rs75923419	T	0.0358
rs117048074	A	-0.081
rs9690609	G	-0.0293
rs11771854	C	0.0271
rs117263622	T	-0.0373
rs73689662	A	0.0381
rs12699142	C	0.0159
rs76191781	G	0.0679
rs113818595	G	-0.045

rs55781135	T	0.049
rs118129704	A	-0.0974
rs12705849	A	0.0151
rs73722742	A	0.0366
rs112445955	A	0.0709
rs6950397	A	0.0402
rs13308728	G	0.0177
rs17467925	A	0.0532
rs79638573	G	0.0699
rs35674633	G	-0.0674
rs4720800	G	-0.0285
rs149018092	T	0.0473
rs73104577	G	-0.0231
rs34339670	G	-0.0597
rs11983543	G	0.0986
rs11773350	T	0.0293
rs62445677	T	0.0661
rs7791777	G	-0.0425
rs73675007	T	0.0389
rs13231184	G	-0.0248
rs142613188	C	0.0757
rs6976218	G	-0.0143
rs138498268	G	-0.0375
rs58127279	T	-0.0575
rs10452877	T	0.0241
rs144679859	T	0.0337
rs35954343	A	0.0502
rs7797123	C	0.0696
rs2003525	A	-0.0169
rs55835328	A	0.0162
rs939961	G	0.0213
rs4305834	T	0.0133
rs12673306	G	-0.0533
rs116964755	A	0.0401
rs2287179	G	0.0452
rs78949758	G	0.0745
rs1625464	G	0.0211
rs11771687	T	-0.0211
rs80224065	A	0.0588
rs76478203	A	-0.0874
rs41273644	T	0.0306
rs73744305	A	0.0443
rs143793737	A	-0.0947
rs4947753	T	-0.019
rs73100394	G	-0.0192
rs117862879	T	-0.0453
rs10269830	A	-0.0145

rs117068630	T	-0.0813
rs55896324	G	0.0724
rs7805846	T	0.0217
rs10269786	A	0.0227
rs150784320	A	-0.103
rs7799218	C	-0.0178
rs149936054	A	0.0598
rs62451938	C	-0.0604
rs4720414	G	0.0171
rs117108554	A	0.0692
rs7778219	G	-0.0223
rs142967078	T	-0.0449
rs12702108	T	0.0999
rs2711020	G	0.0163
rs28455678	C	0.0899
rs17169449	A	0.0506
rs4716694	C	-0.032
rs147512888	G	-0.0734
rs6960717	C	0.0185
rs17137799	A	0.0178
rs75955781	C	0.0374
rs147465402	C	0.053
rs148189228	T	0.0824
rs76014191	T	0.07
rs13227760	C	-0.0152
rs760196	T	0.0305
rs73095729	A	0.0629
rs140126324	G	0.1235
rs61045241	C	0.0204
rs77130839	A	-0.065
rs791596	T	0.0581
rs12532042	T	0.0259
rs116855827	T	0.0651
rs7455906	T	0.0179
rs116979359	A	0.0481
rs2350850	C	-0.0183
rs245918	T	0.0499
rs6964760	C	0.0143
rs71549322	C	-0.0886
rs76729360	A	-0.0912
rs10258331	G	-0.0361
rs62453428	A	-0.0512
rs7787590	A	0.0384
rs34281173	T	-0.0142
rs12540326	T	0.0192
rs138481432	C	-0.0754
rs77751347	T	-0.0455

rs2191479	G	0.0256
rs28619339	T	-0.0286
rs117236982	A	0.0893
rs6954993	T	-0.0269
rs111519497	C	0.0861
rs13247687	A	-0.013
rs141745930	T	0.0803
rs42042	C	0.0139
rs111602161	A	0.0446
rs79467411	A	-0.0412
rs118121809	C	0.0753
rs75421433	A	0.0518
rs12666870	C	0.0151
rs17271538	T	0.0664
rs118189482	T	0.1231
rs318649	T	0.0393
rs273201	A	0.0154
rs117562696	A	0.0309
rs74606521	G	-0.0668
rs740576	A	-0.0158
rs111230253	C	0.1078
rs74525884	T	-0.0859
rs148833687	T	-0.0583
rs6960499	G	-0.0162
rs11770510	T	-0.0159
rs80016579	G	-0.0493
rs144887524	A	0.0765
rs2971112	T	0.0151
rs79118731	C	-0.0537
rs10952849	C	0.0192
rs79961771	C	0.059
rs35567816	C	0.0445
rs4721878	G	0.0182
rs10261724	G	0.0288
rs146885998	T	-0.0856
rs111600043	G	0.0683
rs10232160	G	-0.0194
rs117458370	G	0.0868
rs62457653	A	-0.0559
rs4321939	T	0.019
rs2697177	C	0.0553
rs12534580	C	0.0301
rs12669419	C	-0.0166
rs141463491	A	-0.0622
rs117173089	A	-0.0464
rs13224059	G	-0.0197
rs37265	G	-0.0163

rs28850905	G	-0.0171
rs292694	G	0.0195
rs6955988	A	0.0246
rs41282703	T	-0.0539
rs76188372	C	0.1078
rs78423347	C	0.0513
rs115254103	C	0.0374
rs117373257	A	0.1094
rs111997877	G	0.0805
rs4917124	A	0.0148
rs141134171	G	0.0856
rs6943819	A	0.0684
rs112370475	G	-0.0872
rs73161741	A	0.0181
rs10488577	A	-0.0269
rs28716377	G	-0.0835
rs62447479	T	-0.0513
rs78160112	T	0.0627
rs17438930	T	-0.0431
rs177507	T	0.0324
rs149319483	A	-0.0689
rs116872814	A	-0.0388
rs62472766	A	0.0503
rs13309471	C	0.0203
rs4270864	G	0.0164
rs73090604	T	-0.0695
rs1990372	A	0.0573
rs17148045	A	-0.0137
rs11981977	G	0.0428
rs36091127	A	-0.0489
rs10235118	T	-0.0347
rs39381	A	-0.0605
rs140864512	T	0.0369
rs4573160	A	-0.0181
rs34148494	C	-0.0801
rs7799996	T	-0.0631
rs35966503	A	0.048
rs73078423	A	-0.1347
rs141909513	A	0.0663
rs117386001	A	0.0751
rs7794558	C	0.0373
rs111237481	T	0.0372
rs2372021	T	0.0139
rs62473832	T	-0.0834
rs150698261	T	-0.0528
rs73424594	A	0.077
rs11520752	G	-0.023

rs35013617	G	-0.02
rs138941198	T	0.0968
rs117271857	T	0.087
rs73048764	T	-0.0586
rs71564814	G	-0.0569
rs117463670	A	-0.0692
rs77848060	G	-0.0435
rs3735564	G	0.0145
rs12674278	G	0.0267
rs55989103	C	-0.0395
rs73183259	T	-0.0822
rs77532855	G	-0.0544
rs74788416	C	0.0926
rs7805420	A	0.0137
rs74460878	C	0.0434
rs117659988	T	-0.0202
rs4720758	A	0.0187
rs60926589	T	-0.0671
rs12538237	A	-0.0198
rs10236653	G	-0.0128
rs34789846	T	0.0741
rs611466	G	-0.0314
rs76310739	G	-0.0605
rs7787707	A	0.0173
rs115250092	C	0.0555
rs10273481	T	0.0267
rs10258400	T	-0.0281
rs28591174	T	0.0156
rs7802612	T	0.0152
rs78445393	A	-0.0409
rs17308158	T	0.0179
rs138744483	C	0.0531
rs856537	C	-0.0137
rs76133028	A	-0.033
rs77689585	A	0.0386
rs111964154	C	-0.0245
rs28362705	C	-0.05
rs112101383	A	0.0608
rs79667421	A	0.0632
rs13240900	T	-0.0145
rs10275560	T	-0.0144
rs117151498	C	0.0561
rs55680216	A	0.014
rs2691034	G	0.0149
rs116957577	G	-0.0634
rs118033335	G	-0.0951
rs6949644	T	0.0155

rs3779034	C	0.0132
rs112668004	T	0.0438
rs73106658	T	-0.0396
rs116893594	C	-0.06
rs79844580	T	0.0518
rs28253	G	-0.0133
rs1880791	T	-0.018
rs80151357	G	-0.0253
rs17170324	C	0.0376
rs1796244	A	0.021
rs17437175	G	0.0486
rs116860476	G	0.0803
rs1529237	T	-0.0173
rs77653402	A	-0.0586
rs80183847	G	-0.0393
rs10156110	A	-0.0377
rs13230001	G	0.0733
rs17165722	G	-0.0141
rs139834220	A	0.0632
rs112771318	G	-0.017
rs35395285	A	0.0828
rs76474496	G	0.067
rs1405830	T	0.032
rs2191731	T	-0.0221
rs13242914	T	-0.0176
rs62457841	T	-0.0573
rs6460553	T	0.0161
rs111323500	T	-0.1275
rs77777719	A	0.066
rs73160003	T	-0.0431
rs7811771	G	0.0198
rs80289884	T	-0.0317
rs10951012	C	-0.0145
rs111228012	A	-0.0577
rs62489650	G	-0.0683
rs73091540	C	0.1104
rs4722625	T	-0.0137
rs117286876	G	0.0465
rs77305840	T	-0.0827
rs1404831	C	-0.0128
rs75199229	C	0.0384
rs1109781	G	0.0207
rs17138251	A	-0.0335
rs1440029	A	-0.0128
rs2299155	T	-0.0293
rs141558797	A	0.0807
rs111342365	C	0.0323

rs111358001	G	0.0258
rs76389640	G	-0.0698
rs73109436	G	0.0523
rs2905322	A	0.0144
rs141593373	A	0.0543
rs61405391	A	0.0706
rs17419156	G	0.0136
rs36071966	A	-0.0218
rs117235388	A	-0.0838
rs713061	A	0.0168
rs61057705	G	-0.0138
rs2109782	A	0.0165
rs3113295	A	-0.0271
rs113355971	T	0.0559
rs75620290	C	0.046
rs4454205	C	0.0157
rs138951115	T	0.0582
rs7803078	G	0.0338
rs11760913	T	-0.013
rs13225059	C	0.0284
rs339067	G	-0.0157
rs117780801	T	0.108
rs148586124	C	-0.077
rs6958448	C	0.0203
rs160366	T	-0.0186
rs5745752	T	-0.0144
rs847442	G	0.0132
rs678500	C	-0.095
rs6958424	T	0.0173
rs17154960	T	-0.0522
rs73689064	G	-0.0381
rs38211	C	-0.0138
rs66985090	G	-0.0305
rs4302786	A	0.0545
rs147854862	T	0.0612
rs143721232	G	0.0483
rs113862551	G	-0.0442
rs77478282	A	0.0444
rs10155948	C	0.0163
rs117566183	T	0.0632
rs11761932	C	-0.0604
rs34870465	G	0.0164
rs71546760	C	-0.0654
rs7457522	G	-0.025
rs117423832	C	0.0887
rs114832573	T	0.032
rs7809037	A	-0.0337

rs76590388	A	0.1036
rs117668099	T	-0.0592
rs1558065	G	0.0176
rs117294607	G	0.0669
rs142248885	G	0.0925
rs2191468	G	-0.0155
rs749717	C	0.0938
rs17619647	T	0.0133
rs10243165	C	0.0535
rs2218463	C	0.0177
rs78249428	C	0.0461
rs77179259	C	-0.0709
rs17152823	T	-0.0215
rs1405208	C	-0.0137
rs691089	C	-0.0145
rs269266	G	-0.0153
rs73112772	A	0.0456
rs113909170	A	-0.0486
rs76093331	T	0.0552
rs79139698	G	0.0463
rs146482324	G	-0.0223
rs11772359	A	0.014
rs10232610	G	0.0635
rs2540593	A	0.0372
rs7807824	A	-0.017
rs140448877	C	-0.0642
rs10265548	C	0.0147
rs76096310	C	-0.0498
rs39179	A	0.0533
rs6960332	C	-0.0139
rs11575309	T	-0.0689
rs13225589	A	-0.0672
rs118045622	A	0.0679
rs73168047	A	-0.0227
rs6974830	A	-0.0128
rs2644285	G	0.0382
rs11766845	G	-0.0142
rs4726517	G	0.0132
rs6952467	T	0.0132
rs116245461	T	0.0614
rs139983233	A	-0.0481
rs151049698	T	0.0727
rs7782784	T	-0.0277
rs79534456	C	0.0391
rs56209286	G	-0.0391
rs17171426	C	0.0671
rs1554496	A	-0.0155

rs17146351	T	0.0249
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rs849381	G	-0.0159
rs7786445	T	0.0195
rs149157257	C	0.0653
rs4351339	T	0.0148
rs117764071	T	-0.0563
rs2707375	C	-0.0301
rs76434245	T	-0.0209
rs2189013	A	-0.0497
rs10259022	T	-0.0139
rs28503717	A	0.0221
rs117926310	C	0.0647
rs77475581	G	-0.0787
rs73141160	G	0.0749
rs6948782	G	0.0195
rs117974010	A	-0.1208
rs12670096	G	0.0702
rs117460099	T	0.0571
rs4716749	T	0.0246
rs76543911	G	0.0206
rs10486295	A	0.0767
rs17738405	C	-0.0503
rs116960099	T	0.0751
rs12698370	A	-0.0248
rs3095011	A	-0.0127
rs9639019	C	0.0126
rs140781783	C	0.0734
rs2250058	C	-0.0242
rs73150150	C	0.0299
rs1476604	G	-0.0303
rs117958961	G	0.081
rs144233025	A	0.0765
rs117440882	A	0.0863
rs10281751	A	-0.0956
rs56729506	T	0.0493
rs113079307	T	0.0228
rs12666664	T	0.0174
rs73169204	T	0.0461
rs62481442	G	0.0856
rs28473163	T	-0.0416
rs10226266	A	0.0142
rs117311916	G	-0.0497
rs73169262	C	-0.0602
rs75879079	G	0.0882
rs10480428	G	-0.0184
rs292500	T	-0.0524

rs10248342	A	-0.0197
rs28545304	A	-0.0258
rs10269437	T	-0.0826
rs406889	C	0.0157
rs16875030	C	0.0371
rs117393775	T	0.0845
rs10268263	C	0.0154
rs79400272	T	-0.0287
rs17160564	C	0.0676
rs78690665	C	0.0463
rs80075871	T	0.1043
rs7805954	A	-0.0166
rs1003573	T	-0.0139
rs151107462	A	0.0571
rs7784595	T	-0.03
rs686562	A	0.0667
rs146429602	G	0.0407
rs2855896	A	0.0139
rs35759902	G	0.0559
rs10277837	C	0.0153
rs150605964	T	-0.0623
rs117724503	T	0.0697
rs80088245	A	0.0653
rs2392151	C	0.0137
rs17755229	G	-0.016
rs56113738	T	-0.0533
rs78474347	G	-0.09
rs71566704	A	0.0162
rs855651	A	0.0197
rs7800352	T	0.0208
rs35746260	T	-0.0244
rs73107214	C	0.0206
rs76296693	C	-0.0536
rs17157018	G	0.1042
rs2193261	T	-0.0131
rs4723612	G	0.0367
rs148492854	G	0.0916
rs998546	G	0.0529
rs10236463	G	0.0149
rs6957224	T	0.0264
rs1866580	T	0.0173
rs216708	G	0.0132
rs143517906	T	0.0509
rs13233140	G	0.0154
rs79263180	C	0.0344
rs150835363	A	-0.089
rs79873944	A	0.0334

rs143854367	A	-0.0747
rs150751330	A	0.1145
rs4434553	G	0.0127
rs10227634	C	-0.0393
rs113456848	A	-0.052
rs116846403	C	0.0612
rs9654749	T	0.0224
rs139446214	C	-0.0352
rs10242365	G	0.0147
rs66555488	G	-0.022
rs79616628	A	-0.0888
rs2644290	C	-0.0162
rs79250469	C	0.0465
rs1993247	G	-0.0223
rs13245414	T	-0.0357
rs73080042	T	-0.0265
rs71539582	T	0.0254
rs139528791	A	-0.0555
rs149626485	A	-0.0764
rs62478582	T	0.0484
rs149014448	T	0.0935
rs10236300	C	0.0261
rs117195892	G	-0.0566
rs117971314	G	0.0682
rs10242969	C	0.0137
rs11770645	G	0.0186
rs1404398	T	-0.017
rs75068432	C	-0.0366
rs35992428	G	0.018
rs79937658	C	-0.0532
rs79236085	T	-0.0385
rs12333492	C	0.0252
rs78529309	G	-0.0264
rs73357667	T	0.0209
rs117861379	A	-0.0505
rs4730271	C	-0.0195
rs150271841	A	-0.0594
rs62437917	C	0.0167
rs140900956	T	0.0728
rs78910298	C	-0.1323
rs11771710	A	-0.0172
rs1636738	A	-0.0539
rs76431495	T	0.0601
rs2352139	C	-0.0536
rs77121356	A	0.0493
rs59456152	C	0.0131
rs11520696	G	0.0226

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rs113465279	G	-0.065
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rs117516642	G	0.0941
rs113871891	G	-0.0747
rs111495067	T	0.0319
rs78662263	T	0.0593
rs10267808	T	0.03
rs7802703	C	0.0135
rs2108166	C	-0.0156
rs76668774	G	0.0352
rs115951366	T	0.0741
rs142257488	C	0.0651
rs3779434	C	-0.0129
rs10440995	C	0.0148
rs2107155	G	0.0137
rs139437434	T	0.0552
rs73170036	G	0.0772
rs11771069	A	-0.0137
rs73274441	A	-0.047
rs146591543	T	0.058
rs1425128	C	0.0164
rs6952642	G	0.0124
rs56386980	T	0.1022
rs145596099	T	0.066
rs115773380	G	0.0459
rs147485057	C	0.0709
rs79061704	T	0.0407
rs75014180	G	0.0534
rs42876	C	-0.0162
rs2074335	C	-0.0192
rs76907223	G	-0.0267
rs73161172	T	0.0555
rs117559155	G	-0.0849
rs62451677	C	-0.0465
rs147878798	T	0.0759
rs79376903	C	-0.0317
rs9801492	T	0.0157
rs62442221	G	-0.0602
rs117464055	C	-0.0353
rs4725607	A	0.0246
rs73058337	T	-0.0275
rs17590791	C	0.0152
rs550607	G	-0.0124
rs34010750	G	0.0252
rs66496457	A	-0.0305
rs111815373	C	-0.076

rs6970726	C	0.017
rs55676709	T	0.0208
rs79274199	G	-0.0392
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rs2023937	T	0.0205
rs1589965	C	0.03
rs73131876	T	-0.0659
rs73164512	G	-0.0384
rs73687323	A	0.0304
rs7986	A	-0.0126
rs882612	G	0.0343
rs35771771	T	0.0588
rs10225126	A	-0.0133
rs56394409	G	0.1024
rs1524408	T	0.0129
rs78409484	C	0.0242
rs17172009	T	-0.0536
rs76593243	A	0.0522
rs141144146	C	-0.048
rs10277213	G	0.028
rs1034839	G	0.0621
rs17146521	C	0.0221
rs150309983	T	-0.0471
rs11975712	T	0.0455
rs652383	G	0.0614
rs116916321	T	-0.0588
rs139275853	C	-0.0878
rs28499482	G	0.0658
rs62430601	G	0.0385
rs111939165	G	-0.0511
rs147130488	G	0.0145
rs2526976	A	-0.0161
rs117698491	G	0.0459
rs112225612	G	0.0775
rs2299183	G	0.0538
rs982645	A	0.0215
rs78414417	A	0.0507
rs3864589	T	0.0507
rs77236902	C	0.0698
rs73097343	C	-0.0245
rs7784222	C	-0.0264
rs13239448	A	0.039
rs116969342	T	-0.0377
rs6952695	T	0.0153
rs73145764	G	-0.1009
rs62490897	T	-0.0347
rs79788079	G	-0.046

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rs115381790	T	-0.0574
rs78060243	C	0.0443
rs78856909	G	-0.0415
rs4540304	T	0.0158
rs62450182	A	-0.0345
rs17168080	G	0.0181
rs10954176	C	0.019
rs68052338	G	0.0238
rs10254769	C	-0.0171
rs959494	G	0.0878
rs12112284	G	-0.0293
rs1357746	T	-0.0165
rs78630972	T	-0.0404
rs76488641	T	0.0837
rs78459335	G	-0.0381
rs77373302	G	-0.0618
rs10256840	C	0.0534
rs77954913	A	0.1133
rs2709028	C	0.0149
rs141397331	A	0.0546
rs117461145	A	-0.0499
rs6462801	A	0.0124
rs6465529	T	0.056
rs17862249	A	0.0645
rs56320659	T	-0.0345
rs12530775	T	-0.0653
rs35829939	A	0.0277
rs117114682	G	0.047
rs11769443	C	0.013
rs722737	T	0.0126
rs139876506	T	0.0319
rs73125641	C	0.0673
rs13240285	C	-0.0313
rs12698162	C	0.0439
rs73151815	A	0.0341
rs39742	C	0.0129
rs57459742	G	0.017
rs144571572	A	0.057
rs117611384	T	0.0433
rs17151993	T	-0.0161
rs112995214	G	0.0815
rs28445867	T	-0.0136
rs10257645	C	-0.0196
rs62458621	T	0.058
rs11977439	C	-0.0334
rs118181517	A	-0.0298

rs6969570	G	0.0181
rs3917510	G	0.0386
rs73208664	T	0.0598
rs73153011	A	0.0377
rs7803686	A	0.0477
rs112633117	A	0.0493
rs714111	C	0.015
rs117357010	A	0.0256
rs73082965	G	-0.0358
rs11773616	T	-0.021
rs13227426	T	0.0369
rs117227268	A	-0.0512
rs9632793	G	0.0254
rs73162964	C	-0.0695
rs76909560	A	-0.0197
rs17171421	G	-0.0429
rs62468500	G	-0.0334
rs74479588	G	0.0644
rs17635852	C	-0.0413
rs56015778	A	-0.0326
rs1525735	C	0.0126
rs4445156	G	0.0135
rs147801285	C	-0.059
rs1376523	T	0.0394
rs12698425	T	0.0137
rs10952813	G	0.026
rs74929325	T	0.0621
rs58270141	C	-0.0427
rs146786991	A	-0.0842
rs71530789	C	-0.0298
rs111791830	C	0.0319
rs79776490	G	0.0324
rs62479565	A	0.0417
rs78160053	G	-0.0759
rs140494603	T	0.0555
rs73707860	G	0.0409
rs1722048	T	0.0145
rs17166650	C	0.0133
rs62474294	T	0.0334
rs117367818	T	0.0689
rs73065791	G	0.0555
rs10280502	A	-0.0177
rs3095930	A	0.0648
rs2893061	G	0.0382
rs147273060	T	0.0568
rs10480799	A	0.0186
rs10486891	G	0.0285

rs10273633	G	0.0238
rs80294570	G	-0.0341
rs35928597	T	0.0472
rs12666394	A	-0.0191
rs4361654	A	0.0216
rs4617107	C	-0.0161
rs4725556	G	-0.0496
rs17507244	T	0.0358
rs17855988	C	0.0222
rs13310735	A	-0.0498
rs12670951	C	-0.0147
rs10480300	T	0.0135
rs62431991	G	-0.057
rs17159922	G	-0.0263
rs2008400	A	0.0153
rs11767274	A	0.0142
rs117309730	T	0.0327
rs76863538	C	0.0318
rs75126895	C	0.0447
rs6971248	T	-0.0143
rs80128281	C	0.0292
rs73221772	G	0.0604
rs59135073	G	-0.0401
rs396983	G	0.017
rs117792378	G	0.0444
rs79171406	A	-0.0213
rs62455784	T	0.0506
rs17158564	A	0.03
rs759176	G	0.0441
rs79949540	G	0.0244
rs7807897	T	-0.0144
rs12704481	A	0.012
rs62482552	G	0.014
rs17160621	T	0.0207
rs6460354	T	0.0135
rs281878	A	0.0146
rs10245689	C	0.0465
rs17134265	G	-0.0222
rs73055772	T	-0.0544
rs75332094	T	0.0668
rs139407025	C	-0.0768
rs73180557	T	0.0269
rs9691603	C	-0.0136
rs116948327	T	-0.0554
rs2392468	T	-0.0159
rs75575749	T	0.029
rs76776362	C	0.0632

rs62451570	T	-0.0402
rs2867514	G	0.0153
rs6951640	C	-0.0389
rs17136572	G	0.069
rs4598173	A	0.0143
rs6970802	T	-0.0144
rs79605394	T	-0.0445
rs73127623	A	0.0498
rs6467509	T	0.0259
rs77902041	A	0.0266
rs77144871	G	0.0244
rs34194180	T	0.0803
rs75071114	A	0.0526
rs1994506	G	-0.0205
rs7790917	C	0.0395
rs6971213	G	-0.0254
rs10952493	T	-0.0143
rs13242030	T	0.0241
rs12670198	G	0.0179
rs34246218	C	-0.0461
rs12537687	A	0.0393
rs7782656	C	-0.029
rs10499490	T	-0.0286
rs6975890	A	0.0142
rs4289740	A	0.0467
rs17289533	A	-0.0191
rs10278227	A	-0.0204
rs73169960	C	0.0189
rs79847565	C	-0.0961
rs917804	T	0.015
rs2082726	A	0.0363
rs4721896	G	-0.0155
rs6463716	A	0.0148
rs118008922	T	-0.0629
rs117214298	C	-0.0601
rs62491310	A	-0.0402
rs144258278	G	-0.0813
rs142147164	A	0.0465
rs7803508	G	0.0187
rs111495612	T	-0.0544
rs9784929	T	0.0222
rs7797455	G	-0.0255
rs77630140	G	0.0587
rs146707191	A	-0.0368
rs150566692	A	0.1188
rs62478188	T	0.0213
rs75306000	T	0.0619

rs75507249	T	0.0585
rs111459061	T	0.0399
rs894794	C	0.0122
rs148644457	T	-0.0539
rs56277122	G	-0.028
rs75234364	A	0.0439
rs57286818	G	0.0234
rs73107472	T	0.0848
rs73154769	C	-0.0427
rs71574780	A	0.0789
rs150935093	C	0.0636
rs117496645	C	0.1082
rs117451953	A	0.0438
rs6953523	G	0.0132
rs118116182	A	0.0311
rs55774621	T	0.0127
rs4276617	T	0.0476
rs17379876	G	-0.0124
rs146545726	A	0.0835
rs142505676	T	-0.0767
rs117286658	T	0.0479
rs218153	T	0.0132
rs73695652	A	-0.0446
rs34101595	T	-0.0293
rs1135411	T	-0.0336
rs116934797	T	-0.0814
rs116214582	A	-0.0381
rs1125198	C	0.0206
rs1468299	A	-0.0256
rs77824788	A	-0.0752
rs112528513	T	0.03
rs117308927	G	-0.0284
rs117158774	C	0.0401
rs2160124	T	0.0166
rs17837768	C	-0.0531
rs77232992	G	-0.0689
rs801943	A	0.044
rs4252424	A	-0.0155
rs10261505	G	-0.0128
rs117789223	A	0.0472
rs35083965	G	0.0662
rs193857	A	0.0182
rs117260063	T	-0.0456
rs62449703	G	0.0393
rs67976709	T	-0.0127
rs7781552	C	0.0244
rs4720706	A	-0.0164

rs62442252	A	-0.0409
rs59356257	T	0.0653
rs79062215	T	-0.0777
rs35363891	T	0.0299
rs2371208	T	0.0151
rs113240263	A	-0.0815
rs62487870	T	-0.021
rs112268816	T	-0.0445
rs7783602	T	0.0126
rs17160964	A	0.0722
rs112102642	A	-0.07
rs117729456	A	0.0571
rs36115542	C	0.0361
rs10236746	A	0.0578
rs10447493	G	0.0196
rs10279299	C	0.0258
rs2909984	G	0.0247
rs10488223	C	0.0294
rs35254822	G	0.04
rs73175990	C	0.0252
rs62467349	T	0.019
rs10248478	T	0.0259
rs116948115	T	0.0526
rs9648723	C	-0.0163
rs34930362	T	0.1145
rs34618439	G	0.0562
rs76881284	A	-0.0481
rs73039629	T	-0.0406
rs10277012	A	0.0136
rs1860805	T	-0.0196
rs73091867	A	0.0829
rs326231	A	0.0274
rs2267818	G	0.0368
rs79487450	G	-0.0193
rs138352377	A	0.0799
rs113722604	T	-0.0397
rs113510235	C	-0.0571
rs77531530	T	0.0411
rs11974817	A	0.0146
rs144620234	A	0.0288
rs17168971	A	0.0395
rs80201255	A	0.0175
rs2583877	G	0.0121
rs2368027	A	-0.0323
rs79091781	T	0.0988
rs3850492	A	0.0221
rs73126026	G	-0.0187

rs117070616	C	-0.0623
rs10215695	G	0.0177
rs117106618	G	0.059
rs2453839	C	0.016
rs78354317	C	0.0416
rs3750103	G	-0.0262
rs62451648	A	0.0198
rs10215805	A	0.0253
rs73159167	T	0.071
rs79004846	C	-0.0468
rs118098103	A	-0.044
rs116887927	G	0.0899
rs79036249	G	0.0448
rs3807823	T	-0.028
rs11975417	A	0.0327
rs78488091	T	-0.0279
rs149294868	T	0.0825
rs76212690	G	0.0542
rs10951833	T	-0.0389
rs3110800	T	0.0122
rs117850363	A	0.0941
rs79670429	A	0.0539
rs74493069	A	0.055
rs75222717	T	-0.0825
rs62439550	G	-0.0525
rs59509745	A	-0.0434
rs140593118	T	-0.0427
rs73046587	C	-0.0595
rs66736733	C	-0.0234
rs12534818	A	0.0129
rs116431	A	-0.04
rs4720860	C	-0.0168
rs80331552	G	0.0396
rs1444464	A	-0.0525
rs112144752	T	-0.086
rs34904831	T	0.0355
rs6956634	C	0.0509
rs4495368	C	0.0179
rs55642333	A	-0.0248
rs75369631	C	-0.0418
rs73041563	C	-0.0558
rs113905636	C	-0.0689
rs35843104	C	-0.0322
rs113087430	C	0.0366
rs116932871	T	0.0427
rs117741646	C	-0.0617
rs144893918	A	0.0482

rs34524571	C	0.0219
rs6961449	T	-0.0127
rs141672910	A	-0.0552
rs117343093	A	-0.1086
rs117747944	T	0.0565
rs208356	T	0.013
rs3213615	G	0.0137
rs79718801	G	-0.0419
rs35465323	A	-0.0323
rs4419745	G	-0.0519
rs12537411	T	0.0119
rs145248969	T	-0.0927
rs77155679	T	0.0576
rs6944900	A	0.037
rs111851701	C	0.021
rs7795919	C	-0.0178
rs117225215	G	0.0781
rs150491507	T	0.0528
rs10255106	C	-0.0492
rs113787934	A	-0.0404
rs10262899	T	-0.0201
rs1432511	A	0.0125
rs34840527	A	-0.0842
rs11763267	C	0.0158
rs6957465	A	-0.0171
rs146044869	T	0.0836
rs61554885	T	0.0505
rs141653880	C	-0.0466
rs112025920	G	0.0517
rs6953563	T	0.0139
rs77308886	T	0.0398
rs1465682	A	-0.0173
rs73139868	G	-0.0193
rs56965416	G	0.0141
rs73369284	T	0.0552
rs1583138	C	0.016
rs141304720	T	-0.0629
rs73166231	C	-0.0826
rs35953236	G	0.0696
rs117972482	T	-0.0535
rs75352266	T	0.0296
rs6945781	A	-0.0201
rs7804771	C	-0.0193
rs6583354	T	-0.0244
rs117868109	T	-0.0688
rs2710948	T	-0.0126
rs7805541	C	0.0181

rs17388921	G	-0.0275
rs56204210	A	0.0603
rs117735652	A	-0.0414
rs6967474	T	-0.0182
rs117585725	C	-0.0388
rs73160060	A	0.0521
rs6462063	G	-0.0121
rs255142	A	-0.0118
rs144937505	A	0.0621
rs73134369	T	-0.0181
rs73045032	A	0.0293
rs74918074	C	0.0779
rs6970343	T	0.0254
rs62485336	C	0.0647
rs10464222	A	0.0196
rs4917071	T	-0.054
rs13228121	T	-0.0168
rs1526760	G	0.0202
rs6954291	T	0.0148
rs2189424	A	0.0201
rs77979824	T	-0.0558
rs117071351	T	-0.0507
rs17159210	A	-0.0605
rs6971655	A	-0.0156
rs138160646	T	-0.0722
rs10225135	G	0.0134
rs62489506	A	0.0305
rs35211946	T	0.0362
rs79413509	G	0.0546
rs138897294	A	0.0379
rs145095841	G	0.0888
rs2461130	A	0.0211
rs113422712	C	-0.0774
rs73436726	T	-0.0328
rs73455982	C	0.0455
rs76179176	C	0.0368
rs7789547	A	0.0125
rs62471959	G	-0.0315
rs10247739	C	0.0146
rs138315778	T	0.0662
rs13224441	C	0.0359
rs12532526	A	-0.0229
rs73035463	G	-0.0481
rs112306042	T	-0.0776
rs73374829	G	0.026
rs1859207	T	0.014
rs55862041	A	0.0344

rs13309576	T	0.0464
rs2044225	T	-0.013
rs73110615	G	-0.0617
rs62481075	T	0.0406
rs2350157	T	-0.0124
rs845561	C	0.0141
rs59529559	T	0.055
rs6968796	C	0.0186
rs74832606	A	-0.0424
rs6968512	C	-0.0167
rs71550664	A	-0.0163
rs12333784	T	-0.0142
rs17618588	C	-0.0558
rs143606559	T	0.0538
rs6948452	C	0.0121
rs28532286	C	-0.0347
rs147226519	C	-0.045
rs116984912	A	0.0896
rs76879769	T	-0.0292
rs10227914	A	0.015
rs56219098	A	0.0305
rs12533335	T	-0.0802
rs768830	G	0.0181
rs12532124	A	0.0144
rs1637076	T	0.0347
rs117463813	C	0.0657
rs116996953	A	-0.066
rs113947297	A	0.0392
rs112620804	T	-0.1
rs55909410	A	0.0166
rs12700707	A	0.0142
rs117490989	T	-0.0457
rs7807721	A	0.0143
rs13222836	C	0.012
rs34234003	T	-0.0126
rs12700803	T	0.0461
rs11770118	G	-0.0126
rs2214610	G	-0.0119
rs983926	T	0.0429
rs145392011	A	-0.0818
rs77748279	T	0.0475
rs2049820	A	0.0578
rs7790963	T	-0.0145
rs17665165	T	0.0201
rs6977823	T	0.0144
rs6952872	T	-0.0146
rs112395795	T	-0.0479

rs80219644	G	-0.0548
rs73412441	T	-0.0729
rs13245401	G	-0.0193
rs13237983	C	-0.0232
rs13246814	G	-0.0745
rs78906654	T	0.0637
rs117698752	T	0.0515
rs57503556	T	0.0522
rs62444998	C	0.02
rs112854772	C	-0.0481
rs4472431	T	0.0191
rs6977816	T	-0.0271
rs3735430	T	-0.0603
rs73705826	A	-0.0221
rs80325983	T	0.1023
rs55980978	G	0.0332
rs6962976	G	-0.0269
rs79737195	T	-0.0528
rs10250530	G	0.021
rs28414348	C	0.0589
rs10238114	C	-0.017
rs10236134	A	0.0143
rs117973616	A	0.0544
rs35265824	G	0.0224
rs73096398	G	-0.0286
rs6956067	C	-0.027
rs111870002	T	-0.0255
rs17134902	G	0.0616
rs117371744	T	-0.0497
rs12538853	T	-0.0217
rs117729532	G	-0.0501
rs79170178	G	-0.0953
rs6958516	C	0.0171
rs10268032	A	0.0139
rs62459196	T	-0.0153
rs117186171	G	-0.0584
rs73225220	A	0.0209
rs117137537	A	-0.0363
rs117911199	A	0.0532
rs34830857	G	0.0593
rs1424557	T	0.0223
rs150303026	A	0.0856
rs4403339	A	-0.0684
rs116979959	T	-0.0532
rs55977327	T	0.039
rs73170577	C	-0.0353
rs4727221	A	0.0139

rs117265891	A	-0.0543
rs6670	A	-0.0195
rs13228175	A	0.1149
rs1444455	T	0.0122
rs78447532	G	0.0231
rs145563166	G	-0.0845
rs6463336	T	-0.0208
rs62449580	T	0.0147
rs706053	G	-0.0177
rs149283044	C	0.078
rs56932207	T	0.0329
rs75748794	A	0.0538
rs141725912	G	0.0423
rs79554269	T	0.0332
rs79440030	T	0.0588
rs6977771	C	0.0123
rs11771332	T	-0.0207
rs79729143	C	0.0736
rs149061827	C	-0.0626
rs73096135	T	-0.0334
rs74299838	G	-0.0348
rs143680308	T	0.0611
rs113990647	T	0.0415
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rs117026972	A	-0.0953
rs73172625	T	0.0324
rs75351420	A	-0.0824
rs6974399	G	0.0607
rs6969238	G	0.0146
rs79307940	G	-0.0535
rs17260570	C	-0.0397
rs1208091	T	-0.0143
rs76385361	C	-0.0474
rs601729	G	-0.0322
rs112694110	A	-0.0531
rs117466293	A	0.0373
rs79306039	T	-0.0625
rs111741789	G	0.05
rs117333976	A	0.032
rs80226561	A	-0.0568
rs10255616	A	0.0244
rs17166906	T	-0.029
rs12535452	A	0.0196
rs12333769	A	-0.0302
rs13240057	T	0.1095
rs35074397	G	0.0126
rs73078703	G	0.0339

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rs142258209	A	-0.0527
rs4723333	C	-0.0243
rs978738	C	0.0222
rs6961921	G	0.0205
rs13221774	G	-0.0153
rs79607600	G	-0.0307
rs9638079	T	0.0189
rs12668965	T	-0.0191
rs17339057	C	0.0538
rs117862850	A	0.0704
rs138692051	C	-0.0433
rs62449878	C	0.0776
rs2158550	G	-0.0214
rs28690366	C	-0.0139
rs35431959	A	0.0118
rs77148428	T	0.0513
rs118125906	T	0.0654
rs2073548	G	-0.0394
rs140318716	A	-0.0819
rs117922200	C	-0.0408
rs117616092	G	0.0197
rs28502707	G	-0.0309
rs10237517	A	-0.0144
rs6966798	A	0.0225
rs146355844	A	-0.0546
rs66547659	A	0.0307
rs57862761	A	-0.0231
rs17627139	G	-0.0617
rs34543955	T	0.0154
rs113114385	C	-0.0763
rs10232633	A	0.0212
rs17393539	A	-0.0261
rs60736603	T	0.0395
rs141333045	C	0.0948
rs2362375	G	-0.0188
rs21424	A	0.0146
rs1178121	A	0.0136
rs116391882	G	0.0496
rs78246798	C	0.0494
rs142910754	A	0.1022
rs11768465	T	-0.0142
rs17138074	G	0.0738
rs4726303	C	0.0392
rs1559561	T	-0.095
rs78218276	T	0.0355
rs80332851	T	0.0199

rs10441382	A	0.019
rs79157358	A	-0.0385
rs6975043	C	-0.0202
rs2009836	T	0.0137
rs116977503	T	-0.06
rs7792583	G	0.0173
rs59514120	T	-0.0171
rs11980191	G	0.1039
rs34721514	A	0.0219
rs67858210	C	0.0592
rs9639165	T	0.0125
rs73137740	T	0.0461
rs77157613	A	0.0769
rs117880906	C	-0.0455
rs7809020	A	-0.0393
rs17143950	C	0.0306
rs73048281	T	-0.0618
rs10282089	C	-0.0193
rs2267701	C	-0.0182
rs73181243	A	-0.0517
rs1637054	A	-0.0665
rs11983970	G	-0.0243
rs61732373	A	0.0854
rs10953098	T	0.0126
rs62465194	T	-0.0551
rs11556924	T	-0.0129
rs2189626	T	-0.0387
rs7807069	G	0.0132
rs146532374	G	0.1029
rs74516523	T	0.0521
rs2527693	G	-0.0275
rs1526537	A	-0.0122
rs2727810	C	0.0132
rs73111956	A	0.0146
rs4726086	C	0.012
rs76985190	G	-0.0388
rs7811548	A	0.0307
rs117887060	G	-0.0609
rs2240049	T	-0.0188
rs4725349	G	-0.0334
rs13233162	G	0.0514
rs10229733	G	-0.0137
rs73139785	G	0.0177
rs2130032	T	-0.0191
rs6973224	A	-0.0458
rs17170987	G	-0.0155
rs112979748	T	0.0338

rs13227214	C	-0.0115
rs73222235	C	-0.0182
rs78765043	G	-0.0264
rs6950254	G	-0.02
rs73040031	T	-0.0602
rs117091209	T	-0.0522
rs77617183	C	0.0294
rs2107785	C	0.0186
rs147706257	C	0.0535
rs55803204	C	-0.0132
rs2727762	T	0.0121
rs117613752	C	0.0413
rs62439313	A	-0.0633
rs2969069	T	-0.0121
rs73114499	G	0.0503
rs73069491	T	-0.02
rs79781079	G	-0.0529
rs147735351	C	-0.1044
rs4716962	C	-0.0276
rs6463728	G	-0.0186
rs6945457	A	-0.0166
rs778686	T	0.013
rs6976409	G	-0.0519
rs111916780	A	-0.0209
rs116871081	A	-0.074
rs146781625	T	0.051
rs7787510	C	-0.0402
rs10954386	C	-0.0129
rs73467088	T	0.0969
rs73056323	T	0.0884
rs798360	C	0.0176
rs117037468	G	0.0924
rs76917448	T	-0.0395
rs1011780	C	-0.0126
rs181038	T	-0.0437
rs62473545	A	-0.0154
rs13243521	C	-0.0473
rs17153042	C	0.0149
rs149420299	C	-0.0752
rs142176245	A	0.0797
rs80224817	A	-0.0779
rs74349987	G	-0.0679
rs62481404	C	-0.0393
rs117546856	A	-0.0462
rs11773804	G	0.0121
rs7792725	A	0.0181
rs388303	A	-0.0345

rs76501298	A	0.0363
rs321281	A	0.0234
rs7780321	C	0.0158
rs10278860	C	-0.0325
rs114647121	T	-0.0346
rs147456728	T	-0.0168
rs6943456	C	0.0177
rs10249933	C	-0.0271
rs113960110	T	0.0913
rs62491364	T	0.049
rs140184060	G	-0.058
rs874607	G	0.0194
rs17132410	A	-0.0403
rs73184260	G	-0.0318
rs117960367	T	0.0752
rs3857796	A	0.0373
rs145156184	G	0.0706
rs255103	G	0.0174
rs75981133	A	0.0483
rs145955307	C	0.0805
rs73046123	A	-0.0266
rs6950833	T	0.013
rs10258797	A	-0.0147
rs4236412	C	0.0127
rs36028345	C	0.0126
rs55901559	T	0.0162
rs77933113	C	-0.0586
rs62446259	T	0.0693
rs79339200	C	0.024
rs1557658	C	-0.0185
rs17224988	C	0.0342
rs138445875	T	0.0599
rs79909212	A	0.0272
rs56094929	A	-0.0577
rs62459262	T	-0.0328
rs76720278	T	0.0638
rs144270822	C	0.049
rs77285285	T	-0.0467
rs28636374	G	0.0214
rs77934992	T	-0.0645
rs1005082	T	0.0166
rs73163057	G	-0.0204
rs77644037	T	0.0591
rs10953855	A	-0.0222
rs7799966	G	-0.0556
rs2521028	G	-0.0188
rs56005128	A	-0.0332

rs78977652	G	-0.1033
rs117496212	C	0.0724
rs71538666	A	-0.0331
rs117940574	A	-0.0531
rs79061107	G	-0.0632
rs2188799	G	0.0119
rs10275647	G	0.0214
rs4721066	A	-0.0138
rs4721532	T	-0.0147
rs149388993	G	0.061
rs6943276	C	-0.0132
rs62439064	G	-0.0207
rs55666906	A	-0.0209
rs35635926	T	-0.0172
rs78925209	C	-0.1178
rs2140516	C	0.0123
rs111945529	C	0.0219
rs56727124	T	0.0173
rs111752385	G	-0.0418
rs222312	C	-0.0161
rs117096831	T	-0.05
rs66645003	C	0.0163
rs117300161	A	-0.1047
rs28715660	T	-0.0201
rs17395672	G	0.0785
rs80289182	T	0.0378
rs474274	C	0.0202
rs139595375	C	-0.0541
rs41833	C	0.0134
rs76827614	C	-0.0693
rs10256642	T	-0.0137
rs77905609	G	0.0218
rs147312315	T	-0.0314
rs10255915	T	-0.0163
rs73702385	A	-0.0713
rs78950323	G	0.0363
rs77641568	A	0.0486
rs12532096	G	-0.0488
rs117687649	T	0.0574
rs62458216	A	0.0478
rs7777880	T	0.0198
rs117083436	A	0.0435
rs62445999	G	0.0338
rs2330786	A	0.0149
rs79882879	T	0.0621
rs6461942	T	-0.0117
rs74424468	T	-0.0487

rs62482768	C	-0.0406
rs144636539	T	0.0375
rs35221806	C	-0.0359
rs10272180	G	0.0169
rs62451401	G	-0.046
rs17172180	T	0.0283
rs111390369	T	-0.013
rs4582488	T	-0.0172
rs62475991	T	0.016
rs144770493	G	0.0958
rs10269628	C	0.0128
rs55873571	A	0.0532
rs117078343	C	0.0555
rs73148327	T	0.0567
rs146218207	T	-0.0328
rs116944078	T	0.0715
rs3095014	T	-0.0323
rs73163574	C	0.0198
rs78681243	T	0.0726
rs77597387	C	-0.0859
rs116850906	T	0.0734
rs78964579	C	0.0881
rs118060783	T	-0.0566
rs75894429	G	-0.049
rs112024199	A	-0.0566
rs35975087	T	-0.0595
rs150227712	G	0.0695
rs113454306	T	-0.0394
rs7777661	G	0.0203
rs116853246	A	-0.0751
rs36004660	A	-0.0334
rs117135114	T	0.0301
rs6593208	A	0.054
rs662635	C	0.0191
rs12705170	A	-0.0146
rs117979323	C	0.068
rs10155882	C	0.0119
rs144606162	A	-0.0843
rs17579329	G	0.0236
rs3857759	T	-0.0527
rs79422073	G	0.045
rs17139364	G	0.0272
rs2734077	C	0.0234
rs6966804	C	0.0197
rs803157	T	0.015
rs7785579	T	-0.0123
rs61100082	A	-0.05

rs1729824	T	0.0128
rs6942982	A	-0.0193
rs113371527	T	-0.0513
rs77035447	A	0.0395
rs80076277	A	0.0638
rs111383128	C	-0.0406
rs112773844	G	-0.0661
rs2718237	T	0.0254
rs148965877	G	-0.0661
rs73186275	T	0.0148
rs17530756	T	0.016
rs11765367	T	-0.0128
rs10264599	G	-0.0125
rs75631280	T	0.0927
rs72611586	G	-0.0294
rs73696828	A	0.0328
rs141366050	C	0.0734
rs10953594	C	0.0291
rs76384469	G	-0.0345
rs138574619	A	0.0742
rs73097626	A	0.0356
rs117440956	A	0.0453
rs10243955	T	0.0129
rs143477829	A	-0.0427
rs80193558	C	-0.0171
rs71536859	T	0.0407
rs10272022	G	0.0392
rs1861068	C	0.0482
rs320101	G	-0.0272
rs35336896	G	-0.0214
rs117315456	A	0.066
rs78378585	C	0.0454
rs13234854	T	-0.0811
rs2079277	G	-0.0144
rs6942576	G	0.0204
rs7792548	T	0.0128
rs147784529	A	0.0335
rs11974397	G	0.0826
rs13246772	G	-0.0691
rs10281519	G	0.0172
rs12706130	G	-0.0164
rs117984514	C	-0.0394
rs12703601	C	0.0308
rs10225443	A	0.0126
rs11771157	A	0.0131
rs76351028	T	-0.0351
rs34906168	C	0.012

rs62624461	C	-0.0374
rs55783991	A	0.0441
rs6944565	A	0.0217
rs3801926	A	-0.0373
rs17347135	A	-0.0153
rs6946307	T	-0.0166
rs11972734	A	0.0117
rs117727609	C	0.0527
rs73433734	G	-0.0324
rs12154772	A	0.0349
rs844775	G	-0.0112
rs17158733	G	0.0363
rs79745368	T	-0.0942
rs6943378	G	-0.0147
rs2214931	A	-0.0177
rs78936923	C	-0.0583
rs62457835	T	0.0415
rs1557908	C	0.0224
rs56358028	C	0.0182
rs75333688	T	-0.0448
rs7802036	T	0.013
rs10232104	G	0.02
rs117466433	T	0.0717
rs35000274	A	-0.0271
rs116920885	G	-0.0743
rs113446740	C	-0.0163
rs111764525	T	-0.0365
rs141603443	G	0.0659
rs10276861	G	-0.0188
rs7799696	T	0.0121
rs76605191	T	-0.0335
rs251993	T	0.0187
rs78068411	T	0.0203
rs112608485	T	-0.0533
rs73179052	T	-0.0243
rs73134054	A	0.0153
rs17146102	T	0.0364
rs11764797	T	0.0154
rs6974565	A	-0.0115
rs17623716	T	-0.0133
rs142999489	G	-0.0513
rs117961376	C	0.0561
rs3807992	A	0.0127
rs7792841	A	0.0378
rs150119084	G	0.062
rs11973993	C	-0.041
rs75225991	A	-0.0464

rs73523919	C	-0.0609
rs13230918	G	-0.014
rs79875907	A	-0.041
rs13234451	T	0.0403
rs9639432	A	0.0407
rs10215454	T	0.0144
rs116995119	G	-0.0422
rs17146221	C	-0.052
rs80195582	T	-0.0359
rs6949342	T	0.0116
rs117689211	T	0.0431
rs35528290	T	0.0482
rs11765599	A	0.0154
rs13239058	T	-0.0159
rs117822269	A	-0.0515
rs10278906	G	0.0154
rs1159878	C	-0.0225
rs139891665	G	-0.0418
rs36040343	A	0.0302
rs2348526	A	-0.014
rs6970519	T	-0.0338
rs941346	G	0.0113
rs146676151	A	0.0562
rs17789942	G	0.0141
rs80005650	G	0.0416
rs76277022	C	-0.0269
rs111817209	A	-0.0187
rs150074439	G	-0.0661
rs115056285	G	0.0886
rs36060893	A	0.0448
rs9719539	A	-0.0597
rs117959479	T	-0.0325
rs62456811	C	-0.0175
rs77174995	A	0.0793
rs150248815	A	-0.0624
rs112011760	C	-0.0534
rs117946951	T	-0.0482
rs810555	T	-0.0192
rs78325389	A	-0.0506
rs117197881	G	0.0498
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rs62479901	A	0.0288
rs3800570	G	0.0282
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rs74403918	G	-0.0552
rs73179925	G	0.0536
rs62455053	A	-0.0144

rs10226536	G	0.0129
rs117807131	G	-0.0449
rs117139498	A	0.0562
rs10225408	C	-0.0113
rs141663882	T	0.0479
rs76444342	A	-0.0578
rs6968592	T	0.0568
rs10236826	C	-0.025
rs2526740	T	0.0268
rs6957108	T	-0.0158
rs12666524	T	0.0218
rs2051681	T	0.0142
rs75826176	T	0.0581
rs144537790	C	-0.0605
rs146659738	A	0.0529
rs6957024	A	-0.0167
rs2240642	C	-0.0248
rs78467385	A	-0.0259
rs10245440	A	-0.0143
rs76624233	A	0.0463
rs117991562	T	-0.0589
rs7797212	T	0.0142
rs2282981	T	0.0404
rs71529316	A	0.0232
rs78291009	G	-0.0766
rs62446275	T	0.0592
rs9648079	G	0.0135
rs17167132	G	-0.036
rs6962788	T	0.0318
rs17137770	A	-0.0131
rs79155667	C	0.068
rs1988495	A	-0.015
rs2371666	G	-0.0133
rs13225969	T	-0.0204
rs73122176	T	-0.0296
rs77969592	T	0.0609
rs7800860	T	-0.0145
rs28690034	G	-0.0113
rs12666686	C	-0.054
rs853047	A	0.0159
rs117589798	T	-0.0944
rs117907831	G	-0.0565
rs145932118	G	0.085
rs77917158	C	0.0326
rs112140212	C	-0.0278
rs2971672	C	-0.0112
rs150039619	C	0.0574

rs56307781	T	-0.0449
rs149445780	T	0.0578
rs73203224	C	0.081
rs62438814	T	-0.0716
rs34173	G	-0.0133
rs75716819	C	0.0454
rs361491	A	0.0375
rs67448664	C	0.0207
rs75523660	C	0.0245
rs11979388	T	0.0163
rs117911546	T	-0.0424
rs117759832	G	-0.0421
rs763452	A	-0.0122
rs62489862	G	0.039
rs142008801	T	-0.0777
rs73186469	G	0.023
rs13237881	T	0.0319
rs6463425	C	0.0193
rs62454843	A	0.0825
rs62479512	C	0.0347
rs55853654	T	0.0487
rs143394307	G	0.075
rs73271703	T	0.0599
rs75701893	A	-0.0567
rs6956266	T	-0.0402
rs112343949	T	0.035
rs73108595	G	0.0592
rs144750702	A	0.0345
rs73148857	A	0.0214
rs9640426	G	-0.0166
rs144444574	G	0.057
rs117481762	A	0.0492
rs552146	A	0.0428
rs62448069	C	0.0324
rs1558310	C	0.0196
rs10269988	A	-0.0166
rs118187203	C	0.0627
rs56059607	G	0.075
rs17151393	G	-0.0115
rs6956101	G	-0.0186
rs350651	T	-0.0216
rs117060266	G	0.0676
rs78656787	C	0.0167
rs141503247	A	0.0375
rs78951555	A	0.059
rs6951767	G	0.0111
rs78958255	G	-0.0676

rs73446900	T	0.043
rs73682691	T	-0.0264
rs150250697	G	-0.0993
rs111714272	T	0.0663
rs12056086	A	0.0464
rs1725600	T	-0.0136
rs73161825	C	-0.0183
rs74367556	C	-0.0474
rs117705242	G	0.0496
rs73221727	A	0.0166
rs11981283	C	0.0302
rs2204488	C	0.0117
rs73146998	A	-0.0851
rs79805857	T	0.0208
rs844752	T	0.0152
rs62477171	T	0.0531
rs1233555	C	-0.0189
rs13310847	C	0.0253
rs17274824	A	-0.05
rs62458694	C	0.0229
rs117610895	C	-0.0471
rs117256343	T	0.0478
rs56139221	T	-0.0476
rs75666178	T	0.023
rs10239977	T	-0.0116
rs12666195	G	-0.02
rs12540682	G	-0.0119
rs140596698	T	0.069
rs854548	A	0.0122
rs35726496	A	-0.0456
rs11760611	G	0.0394
rs7784509	G	-0.0225
rs149182942	A	0.04
rs76420978	C	0.0542
rs112692411	G	0.0222
rs57043161	G	-0.0279
rs10249249	T	-0.0148
rs17690319	A	0.04
rs137971582	A	-0.028
rs75239735	T	0.0424
rs117884179	A	-0.078
rs72611549	C	-0.0242
rs112869816	G	0.0983
rs77904442	G	0.0387
rs76939587	C	-0.0539
rs150028194	T	-0.1126
rs71545944	G	0.0801

rs11766696	A	0.0134
rs138965937	G	-0.0764
rs11770488	A	0.019
rs73220115	T	-0.0294
rs13226251	T	-0.0154
rs117779588	G	0.0443
rs73110392	T	0.0362
rs150896206	G	0.038
rs426249	G	-0.0123
rs17815216	G	0.0175
rs10240887	T	-0.0161
rs62456633	A	0.0191
rs11768925	G	0.0125
rs67928103	C	-0.0127
rs10247325	G	-0.0112
rs75965632	A	-0.03
rs147576253	C	-0.0499
rs143305379	G	-0.0521
rs2075778	C	0.0154
rs143815095	G	0.0704
rs74299234	A	0.0203
rs3807242	T	-0.0276
rs80055518	C	-0.0379
rs28385274	T	-0.0207
rs11980576	G	0.0631
rs7803844	C	-0.0162
rs146836828	A	0.0638
rs117673757	T	-0.0629
rs78721608	C	-0.0331
rs10256372	T	0.0111
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rs77106988	A	0.0443
rs117818887	C	-0.0524
rs1477033	C	0.0108
rs76329849	A	0.0779
rs146793543	A	-0.0879
rs73405609	C	0.0157
rs73165444	A	0.0225
rs11769264	T	0.0598
rs6950766	C	-0.023
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rs118147724	T	-0.0418
rs144652712	A	-0.0617
rs76494662	A	0.0512
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rs148714100	T	0.0593
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rs117805454	C	0.0836
rs141731458	T	0.0615
rs17335283	C	-0.0351
rs9690597	T	0.0161
rs139027148	A	0.0534
rs74752170	T	-0.064
rs113292010	A	0.0282
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rs144599138	A	0.0614
rs116940741	C	-0.0231
rs71532926	A	-0.0281
rs41334	C	-0.0132
rs10243669	C	0.0152
rs62449780	A	-0.0214
rs73497081	A	0.0294
rs11767956	C	-0.0128
rs75395794	G	-0.05
rs78640418	A	-0.0263
rs1269620	T	-0.0405
rs856551	A	0.0149
rs78093309	T	-0.032
rs116906588	T	0.0604
rs117914238	T	0.0655
rs114010129	T	-0.0304
rs79677194	A	0.0288
rs6467134	A	0.0152
rs141709776	T	-0.0403
rs10264997	G	0.0108
rs74487951	C	-0.0351
rs78650027	G	0.0919
rs2527539	C	-0.0137
rs142281982	A	-0.0702
rs117478656	G	0.026
rs2909682	G	-0.0206
rs10258713	G	-0.0202
rs73473567	A	-0.019
rs17565867	G	-0.0697
rs137939582	C	0.0638
rs117375018	C	-0.0443
rs77911409	T	-0.0415
rs77143874	C	0.0377
rs2246953	T	-0.0196
rs143035127	A	-0.0862
rs73174000	G	0.0485
rs76745761	G	0.0391

rs985054	A	-0.0155
rs138869312	C	-0.0502
rs145696656	T	-0.0338
rs141471645	A	-0.0507
rs73065421	T	-0.0209
rs6460831	T	0.0114
rs12539743	T	0.0262
rs113381242	G	-0.0311
rs117297720	C	-0.039
rs62476413	T	0.0311
rs80354096	C	0.0406
rs77821503	G	0.0674
rs7779962	A	-0.0128
rs2530727	G	0.0162
rs9648043	A	0.0123
rs3218454	A	-0.0423
rs10257085	G	-0.0125
rs35079424	A	-0.016
rs73090915	A	0.0451
rs721583	T	-0.0173
rs13226698	G	0.0115
rs17171847	C	0.0183
rs57459747	T	-0.0257
rs74552781	T	0.0191
rs77819981	A	0.0328
rs74323257	G	0.0259
rs149099175	T	-0.0741
rs56390909	T	0.0245
rs17683576	A	-0.0573
rs17821377	G	-0.0135
rs140426471	G	0.0546
rs28662	T	-0.014
rs219228	C	0.014
rs111492208	A	0.0218
rs117610105	C	0.0421
rs117184206	A	0.0476
rs137884567	A	0.0897
rs10231952	A	-0.019
rs73097493	T	-0.0298
rs76677867	T	-0.0461
rs73184281	T	0.0644
rs76740431	G	0.0242
rs112366506	C	0.0387
rs118095153	G	-0.0456
rs117199265	G	-0.0411
rs117292359	T	-0.0312
rs3113173	T	-0.0124

rs1089471	T	0.0556
rs17832600	G	-0.0753
rs7982	A	-0.14
rs28834970	C	0.0959
rs9331926	G	0.2761
rs111679419	T	0.3741
rs2635147	T	0.1995
rs138529507	C	-0.2668
rs17466060	A	0.0746
rs78894418	C	0.3227
rs504038	T	-0.0739
rs2741342	T	-0.0916
rs72621189	C	0.0765
rs7812391	T	0.0831
rs2565045	C	0.0946
rs11774290	C	0.2276
rs7818382	T	0.0673
rs147587285	C	0.3616
rs888577	T	0.1602
rs148788106	A	0.3
rs77271157	A	-0.1426
rs2271920	A	0.0678
rs145576515	T	0.1781
rs10097415	C	-0.1839
rs7829537	G	0.0979
rs76383426	G	-0.3697
rs3105438	A	-0.1118
rs7002825	C	0.0785
rs7836278	G	0.0629
rs75344402	A	0.304
rs62492281	T	-0.1698
rs74317412	G	0.2802
rs73179594	A	0.1068
rs203740	T	0.0986
rs56929960	A	0.0815
rs2945562	G	-0.1966
rs1518894	T	0.0809
rs1604918	G	-0.0694
rs117137177	T	0.1374
rs10956787	C	-0.1461
rs2640723	G	-0.0788
rs77141770	C	0.2939
rs10105299	G	0.131
rs7015698	T	-0.0668
rs16927139	C	0.2007
rs78206589	A	-0.2099
rs34043643	T	-0.0682

rs74775484	G	0.0941
rs9331916	T	0.0802
rs116236945	T	0.1334
rs36073504	A	0.3437
rs2972178	T	-0.079
rs145213860	C	-0.3777
rs62515401	A	-0.0752
rs13268786	C	0.0703
rs7012610	T	0.2292
rs7014168	A	-0.0673
rs74655933	C	0.1001
rs72671505	G	0.1871
rs35123419	A	-0.3538
rs57956255	A	-0.2652
rs72687188	T	0.1137
rs72687312	T	-0.1101
rs1500896	A	0.056
rs62478424	T	0.1638
rs117362864	T	-0.2235
rs11778669	A	0.1401
rs277012	C	0.081
rs112458807	C	-0.1697
rs56287961	C	0.0741
rs11776965	G	0.0595
rs12675463	C	0.2495
rs72652556	G	0.0781
rs117257602	A	0.1619
rs1264600	T	0.0607
rs80307099	G	0.2536
rs11993441	T	0.0941
rs10105956	A	0.0604
rs76686639	T	0.4251
rs77480427	A	0.223
rs10112475	G	0.084
rs17695458	C	-0.1014
rs231144	T	0.0679
rs62503696	C	0.2707
rs142559179	G	0.2964
rs7018023	G	0.1115
rs8185943	A	-0.1448
rs1462891	T	-0.0698
rs139027793	A	0.2527
rs6991681	A	-0.0723
rs1705695	T	0.0625
rs72607352	C	0.1311
rs62507082	A	-0.0539
rs1394435	T	0.0615

rs79845923	A	0.064
rs140883758	C	0.3172
rs56945566	T	-0.1604
rs76653274	T	0.2951
rs78805009	C	-0.4231
rs56120866	A	-0.0651
rs73225321	G	-0.0704
rs9643444	C	0.0687
rs117953109	C	0.3337
rs1563030	A	-0.0868
rs6987386	C	-0.1894
rs59885740	T	-0.2168
rs7813298	A	0.2726
rs149439379	A	0.2203
rs71524118	G	-0.2529
rs10097474	C	-0.1102
rs73214859	C	0.138
rs1693547	T	0.0532
rs57974486	A	0.1279
rs111281369	T	-0.1696
rs6997622	G	-0.1216
rs11987200	T	-0.0993
rs76484230	T	-0.1243
rs6471195	C	0.0512
rs1917432	A	0.121
rs13277568	G	0.0585
rs6474288	T	0.0626
rs16915836	C	0.1074
rs73233270	G	-0.1559
rs2974333	A	-0.0525
rs12678147	C	-0.0945
rs55934323	C	0.1925
rs6987592	C	-0.094
rs147936453	T	-0.2384
rs7842177	A	0.2341
rs62518014	C	-0.1251
rs55869905	C	-0.2014
rs3765215	G	0.0586
rs79454612	T	0.187
rs9329196	T	0.2241
rs117508517	G	-0.1398
rs7836856	G	0.0713
rs2241895	A	0.0792
rs17446371	G	-0.1435
rs59657583	A	0.0598
rs13249544	T	-0.157
rs1812574	G	0.0704

rs1499424	T	0.0514
rs62524197	G	0.1052
rs10088894	C	0.065
rs117064624	C	-0.2032
rs3132880	T	0.0585
rs34028235	G	-0.1994
rs5784	G	0.1334
rs56300145	C	0.1579
rs764512	C	-0.0569
rs73237159	A	0.1669
rs13273073	T	-0.0582
rs79004800	A	-0.3121
rs1866274	G	-0.0667
rs28378733	T	-0.3214
rs13264544	G	-0.0508
rs7831820	C	0.0553
rs76757271	A	-0.1498
rs35297960	G	0.2704
rs35043130	A	0.1384
rs61753693	A	-0.4027
rs35851624	T	-0.0503
rs72671953	A	-0.0948
rs1483168	A	-0.0959
rs2931329	T	-0.0597
rs115284612	C	0.1537
rs6993111	C	0.0824
rs7465327	A	0.0603
rs75669570	A	0.1068
rs17747191	C	0.2502
rs147743872	T	0.0816
rs77559549	G	0.1471
rs62524762	G	-0.0682
rs115566642	T	-0.1526
rs6991707	G	-0.0533
rs13267545	G	0.1718
rs73369587	A	-0.1525
rs55989726	T	-0.1723
rs74566911	T	0.1753
rs897149	T	-0.0529
rs117061297	T	0.3891
rs7005339	A	-0.2848
rs76334200	G	-0.2793
rs1858459	G	-0.0512
rs10086882	A	0.049
rs142016808	T	-0.1812
rs7834449	A	-0.059
rs75312334	C	0.2976

rs117650553	T	-0.2001
rs7842976	T	-0.0682
rs10110552	C	-0.0882
rs75705962	G	0.1027
rs41460646	C	0.0521
rs56276984	T	0.1038
rs55696534	C	-0.0528
rs72709035	C	-0.1052
rs17744327	C	-0.0704
rs7387179	T	0.0526
rs7816651	A	-0.0487
rs333032	G	-0.0601
rs2449905	G	0.1912
rs2227019	C	0.0737
rs73209425	T	0.3686
rs521619	G	-0.1054
rs10102235	C	-0.0561
rs13272098	C	0.1032
rs2511724	G	0.0479
rs10088592	C	-0.0492
rs74592838	A	0.2084
rs2450763	A	0.208
rs35927132	T	0.0671
rs16907737	T	0.0713
rs11783408	A	0.0555
rs62492168	G	0.0508
rs148167753	A	0.343
rs143009349	G	0.2436
rs2975726	G	0.0673
rs58927152	G	0.0726
rs11787031	A	-0.0651
rs10866931	G	-0.0797
rs2660665	T	-0.0505
rs62640329	G	0.0762
rs114045300	C	0.1414
rs117648486	A	0.3049
rs72720415	G	-0.1992
rs3134163	T	0.1019
rs28614138	G	0.1911
rs1813496	C	0.0503
rs141075252	G	0.129
rs6651329	G	0.0471
rs117929779	T	-0.2572
rs3852350	T	-0.0881
rs140632357	A	-0.0633
rs141674672	G	-0.2387
rs28627996	T	0.1046

rs62501973	C	0.0557
rs73359011	T	0.1107
rs138813311	C	-0.2455
rs924008	C	-0.0691
rs17685247	G	0.0609
rs145493204	T	0.1734
rs6998010	C	0.0638
rs10105788	A	0.0699
rs894886	T	-0.055
rs6999287	A	0.0497
rs10866930	G	-0.0602
rs35262742	G	-0.0566
rs62526538	G	0.0577
rs149286751	G	-0.2464
rs4733248	T	-0.0498
rs12542305	A	-0.0488
rs75123216	C	-0.2825
rs241149	A	-0.0573
rs142582654	A	0.2928
rs59105885	A	0.1428
rs62518735	T	-0.1923
rs77914296	G	0.0764
rs17738097	G	-0.0977
rs77646170	C	0.0618
rs10090429	C	-0.0513
rs7834495	A	0.1017
rs140138231	T	-0.0931
rs13272069	G	0.1764
rs2052720	T	0.0473
rs1841670	G	0.0468
rs79629245	T	0.1995
rs151006889	G	-0.1941
rs117036346	G	0.1094
rs36115529	C	-0.1701
rs72720270	C	0.1679
rs1584217	A	-0.0544
rs13254338	T	0.0495
rs73210545	A	0.1667
rs7005678	G	-0.0725
rs7831166	T	0.4037
rs17574523	C	0.1127
rs117895677	T	-0.2076
rs116972329	C	-0.2423
rs57127265	G	0.2135
rs62519036	T	0.2358
rs34319290	T	0.1122
rs13258408	A	0.0472

rs56121766	A	-0.0521
rs78258642	C	0.1097
rs3919762	T	-0.2693
rs74405906	C	0.2462
rs13249923	C	-0.1041
rs7000140	T	0.103
rs62498361	G	0.0524
rs57346531	G	-0.0756
rs34142108	A	0.2858
rs6558237	A	-0.2128
rs149926967	T	-0.3142
rs75210113	C	0.0858
rs4591990	A	0.2117
rs144056452	A	-0.2487
rs77701028	T	0.1888
rs624798	C	0.0491
rs12375331	T	-0.0587
rs72673771	G	-0.2994
rs79114193	A	-0.3766
rs17375582	C	0.0914
rs4537315	G	0.0467
rs77793352	C	0.2095
rs7015362	T	0.088
rs57351533	A	0.1265
rs7843007	A	0.0556
rs74568387	T	-0.1367
rs62504819	T	-0.0688
rs4585778	G	0.0485
rs77116462	A	0.2896
rs117621282	C	0.121
rs305270	A	0.1067
rs117010425	A	0.3871
rs72718094	C	0.0627
rs151252309	G	0.2604
rs34035094	T	-0.2792
rs4873644	C	0.0459
rs57227466	C	0.0787
rs10503830	G	-0.0551
rs1858420	C	-0.1365
rs2345575	A	0.2576
rs13251671	G	-0.06
rs11990930	C	0.0493
rs146358480	G	-0.1113
rs62481634	A	0.073
rs139067125	T	0.1986
rs78434963	G	-0.2867
rs13274229	T	-0.0974

rs138885279	T	-0.185
rs72673503	A	0.0733
rs7005132	A	-0.0776
rs75183772	A	0.1724
rs58065091	T	-0.0495
rs148687077	A	0.1992
rs2634527	C	-0.0481
rs1731263	G	0.0463
rs2977180	T	0.0612
rs4145006	T	0.1329
rs117848049	T	-0.2847
rs2906342	C	0.1256
rs13271542	C	-0.0639
rs2685372	T	-0.0519
rs988563	T	-0.0775
rs16888859	G	0.0615
rs79988966	C	0.343
rs3134211	T	0.0778
rs56300202	T	0.295
rs113651139	T	0.2155
rs2406569	T	0.0904
rs72659734	A	0.0984
rs4480127	C	-0.102
rs11786458	T	0.0479
rs11991419	T	0.0589
rs75316218	A	0.0576
rs17823309	A	-0.1538
rs34373558	A	-0.0918
rs72682220	A	0.1135
rs78034492	T	-0.1406
rs77957593	G	0.1651
rs7009832	C	-0.1021
rs2957435	G	0.0474
rs13265054	T	-0.0487
rs73185574	C	0.0611
rs16867707	T	0.1408
rs2448794	T	-0.0517
rs67535397	T	0.058
rs74829139	C	0.2
rs76610942	G	0.1949
rs72714591	C	0.2387
rs16938814	A	-0.1516
rs2703263	T	-0.0493
rs79595095	A	0.1545
rs11785496	T	0.0692
rs75231170	C	0.1388
rs4875621	G	-0.0579

rs11988412	T	0.0493
rs74496890	C	0.1502
rs78862711	G	0.177
rs62525473	G	0.1345
rs56239519	A	0.1109
rs79016959	C	0.1231
rs530515	T	0.0453
rs10097691	G	-0.0495
rs11994674	T	-0.0581
rs2923404	T	-0.0459
rs73503779	A	-0.0879
rs1398480	G	0.0642
rs75613390	T	0.1994
rs7004093	A	0.0476
rs7839112	T	0.0548
rs17717529	C	0.1007
rs118039809	T	0.2587
rs75224336	A	0.3045
rs75402183	G	0.199
rs62516035	A	0.1914
rs11779951	A	-0.0449
rs13274152	G	-0.0496
rs11996166	G	-0.1375
rs6985201	C	0.0555
rs141601750	T	0.1026
rs3134172	T	-0.0538
rs73206163	T	0.0518
rs2978095	T	-0.0512
rs986634	T	0.0497
rs17268916	T	0.056
rs2959779	G	-0.0864
rs2436914	C	0.0453
rs139648144	C	0.3995
rs60603161	A	-0.0943
rs9297267	A	0.0462
rs117667921	A	0.1819
rs310274	T	-0.048
rs116236890	A	-0.2512
rs979843	G	-0.0458
rs151056609	T	0.1819
rs116971935	A	0.1401
rs144701971	C	0.3326
rs144276513	T	-0.1671
rs59884678	A	-0.1048
rs118123453	G	0.2019
rs1824203	A	-0.0459
rs2447953	A	-0.0576

rs139777902	G	0.166
rs10102416	T	0.0547
rs56319343	G	0.1009
rs17335476	C	-0.0545
rs4282549	G	-0.0632
rs6996446	G	-0.0482
rs34364895	G	0.3864
rs72681938	C	-0.214
rs62504861	T	-0.1316
rs445675	A	-0.0436
rs7844066	G	0.0639
rs62500168	A	-0.0494
rs151159151	T	0.2163
rs16938682	T	0.1183
rs73668436	T	-0.1123
rs117433876	T	0.3118
rs76520611	A	-0.1624
rs7820689	G	0.1266
rs138021116	G	0.158
rs139835350	A	-0.1805
rs80246725	T	0.1336
rs7819367	A	0.054
rs62481013	C	0.1376
rs4379463	G	0.0427
rs1026850	G	-0.0661
rs73293974	G	0.0992
rs16906843	T	0.2516
rs964141	A	0.0581
rs13270601	C	-0.0499
rs13268936	C	0.063
rs117289055	T	-0.2463
rs7812470	G	0.0436
rs28445847	G	0.0556
rs10090021	C	0.0821
rs71525087	A	0.1261
rs73189479	C	-0.2074
rs10104602	A	0.0641
rs59770832	G	0.054
rs17371341	C	0.0894
rs117045236	T	0.1591
rs12677300	C	0.0887
rs4735966	A	0.1621
rs6468382	T	-0.1146
rs117134115	T	-0.2514
rs6997056	A	-0.0699
rs117135233	C	0.2018
rs982290	A	-0.0435

rs72667436	T	-0.1182
rs1376513	C	-0.0637
rs72672966	G	-0.3613
rs1949595	T	0.0665
rs6473372	G	-0.0656
rs117909672	G	0.2177
rs76108334	T	-0.2125
rs2609620	T	0.0641
rs140421517	G	0.284
rs76935377	G	-0.094
rs7463907	G	0.0444
rs17740762	A	0.0714
rs4733299	C	-0.0808
rs141538823	A	-0.1718
rs146354326	C	-0.0727
rs16900667	G	0.074
rs11997526	C	0.0431
rs117149675	A	0.3355
rs6980868	G	0.0435
rs35586561	T	-0.0794
rs16906018	G	0.2946
rs78947244	C	0.1901
rs10956372	T	-0.0496
rs2976282	C	-0.0535
rs2514970	T	-0.0492
rs4907385	T	0.0463
rs2306234	T	-0.061
rs73597688	A	0.0544
rs4737847	C	-0.0787
rs76941511	T	-0.1194
rs75577415	T	0.2196
rs36035531	C	0.0578
rs7814902	G	0.0422
rs35927632	T	-0.1091
rs142027376	G	0.1883
rs56073911	A	0.1067
rs17213452	G	-0.1718
rs34416676	C	0.0809
rs3911702	T	-0.0703
rs147276766	A	0.2089
rs142793946	T	0.2093
rs138568788	C	0.2604
rs2060996	A	0.0431
rs13282907	A	-0.0446
rs79067195	C	-0.1619
rs2202381	C	0.0435
rs75444784	T	0.1004

rs2120468	G	-0.2354
rs62497646	A	-0.1762
rs12678635	C	0.0593
rs3968851	C	-0.1064
rs2587000	T	-0.0525
rs2579861	C	-0.0609
rs11782049	C	0.1249
rs28601685	T	-0.0589
rs16900790	G	-0.062
rs12544703	G	0.0548
rs112872251	G	0.1141
rs79839693	G	-0.1349
rs28804470	G	0.078
rs13275717	G	0.0439
rs11775342	T	-0.0695
rs6985780	G	-0.0484
rs55948483	A	0.0568
rs576405	T	-0.0438
rs79564025	T	-0.2889
rs6577698	C	-0.0528
rs2709632	C	0.067
rs9298606	T	0.0786
rs73668037	T	0.0914
rs2433084	A	-0.0567
rs76144348	C	-0.3558
rs146587807	T	0.2343
rs72638530	C	0.1054
rs11781188	C	-0.0516
rs78573442	A	0.2493
rs13265381	G	0.0597
rs13274765	G	-0.0496
rs117364124	T	-0.3076
rs60492193	A	0.0694
rs117166652	G	-0.2036
rs16939227	C	0.0686
rs6994627	A	0.045
rs1180626	G	0.0508
rs73555472	A	0.0878
rs117750938	C	-0.2013
rs4237000	T	-0.051
rs28700218	T	0.2092
rs13258615	T	0.1041
rs62477558	C	0.4189
rs480482	C	0.0979
rs17581368	A	0.0475
rs112448720	A	0.0912
rs2469666	C	-0.0483

rs10096897	C	-0.0459
rs17550206	A	0.08
rs76413385	T	-0.1253
rs76768131	G	0.1825
rs10112381	G	-0.043
rs112651084	A	0.2817
rs62507636	A	-0.2725
rs7822302	G	0.0452
rs13253422	C	-0.3119
rs2656122	G	-0.053
rs823591	A	0.0768
rs72716464	T	-0.0773
rs20576	G	-0.0592
rs76217986	T	0.1302
rs117277630	G	-0.0814
rs111940206	A	0.1546
rs3739330	A	-0.0625
rs60057489	C	-0.0457
rs3133836	C	-0.0706
rs117295012	G	0.2339
rs3133712	G	0.0416
rs7819631	G	-0.0931
rs3779701	T	0.1829
rs117145251	T	0.1576
rs74716906	A	-0.1743
rs6999153	G	-0.0441
rs140925663	G	0.1803
rs7464819	A	-0.0471
rs56052312	T	0.0666
rs60652219	G	-0.1342
rs144847713	C	0.2884
rs79408606	G	0.2567
rs117120108	T	0.2405
rs2514986	T	-0.058
rs80175743	C	-0.2821
rs7819896	C	0.0512
rs74703390	G	-0.2155
rs9987406	A	0.2174
rs2816516	T	-0.0431
rs116197565	A	0.1982
rs7009074	C	0.0774
rs7838717	T	0.0473
rs151064981	T	0.277
rs1460578	G	0.0423
rs666862	C	0.0421
rs17707940	T	-0.106
rs148862676	T	0.1556

rs56114779	G	-0.0422
rs11782136	G	0.2531
rs13255002	A	-0.057
rs2587155	T	0.0477
rs7819659	A	0.0466
rs149036787	G	-0.2092
rs78550405	T	-0.2213
rs2943179	T	0.0508
rs79309403	G	0.2169
rs714650	A	0.0718
rs113445103	C	0.2488
rs4735558	G	-0.0572
rs11987398	C	0.2722
rs10088319	A	0.2202
rs7011442	T	0.0501
rs73210863	T	0.2383
rs73708540	C	0.1341
rs1049697	A	0.0561
rs146888514	C	0.1371
rs6980863	A	0.1079
rs17088571	A	0.0881
rs68172823	T	0.0457
rs77821413	G	-0.108
rs2679739	C	-0.0424
rs77959025	A	0.1653
rs140429928	C	0.2313
rs142054966	A	0.1502
rs4075397	G	-0.1524
rs28827881	G	-0.0483
rs6993385	G	-0.0432
rs73176967	C	0.1296
rs13275667	C	0.0433
rs35248145	A	0.2056
rs10086355	A	0.0709
rs76138364	A	-0.0532
rs76316415	T	0.1755
rs138403641	A	0.1377
rs7834373	C	0.0559
rs112383223	C	0.1275
rs72666645	A	-0.2231
rs6992732	G	-0.0426
rs111381476	T	-0.173
rs2101109	A	0.0618
rs17293383	T	0.2965
rs13255451	C	-0.0751
rs77722929	C	-0.1451
rs13269646	C	-0.047

rs2683298	A	0.0482
rs117415295	A	0.2194
rs7833057	A	-0.0485
rs2651469	G	0.0437
rs10090760	T	0.0458
rs62497594	T	0.1108
rs75246489	T	-0.0703
rs62474662	C	0.0437
rs10098260	T	0.0715
rs141215172	C	0.1183
rs2957058	C	0.0504
rs4478537	A	-0.0548
rs17403147	C	0.1634
rs7838354	C	0.0422
rs2721291	C	0.0664
rs6995384	A	-0.091
rs6473532	C	0.0429
rs117399944	A	0.203
rs4871503	C	0.053
rs138974856	A	0.2182
rs80120866	T	0.0862
rs62515404	C	-0.1405
rs71528491	G	-0.1724
rs118027060	C	-0.1929
rs202298	A	0.0773
rs55858769	G	-0.0867
rs1000375	G	0.0855
rs79182981	A	0.16
rs10099635	G	-0.0447
rs958899	C	0.0441
rs4733108	T	-0.0483
rs17785868	A	0.0673
rs117116755	T	0.1747
rs10086265	G	0.0835
rs2952252	G	0.041
rs4092398	T	0.1766
rs72662475	C	0.089
rs16898762	G	-0.0438
rs117182086	G	0.2068
rs17697619	C	0.0674
rs74632515	A	-0.2796
rs920200	G	-0.0519
rs117696510	G	-0.2685
rs10107655	T	-0.0738
rs11136882	G	0.1064
rs10955113	A	0.0418
rs117424092	A	0.2602

rs117978916	A	-0.1046
rs111259947	T	0.0425
rs2068449	G	0.0862
rs79891515	C	0.1767
rs2703301	T	-0.0427
rs34884064	C	-0.1651
rs512598	C	-0.047
rs28631239	T	0.138
rs79459444	A	-0.1153
rs74580717	T	-0.0991
rs138701895	T	0.2036
rs7838195	C	0.1699
rs12675379	T	0.0398
rs77285785	T	0.1198
rs6470443	A	-0.0497
rs78402244	T	0.1284
rs111941841	G	0.0599
rs16887794	G	-0.2319
rs72654134	G	0.1934
rs75701187	T	0.0846
rs117954564	A	-0.1625
rs72690977	T	0.0501
rs10100199	C	0.1337
rs2436946	A	0.061
rs10955922	C	-0.145
rs11775465	C	-0.0462
rs10958702	T	-0.0488
rs9298224	A	0.0556
rs77566027	T	0.0853
rs7826015	G	-0.0443
rs62511501	T	-0.052
rs2202056	G	0.0523
rs4307360	C	0.0413
rs150826265	G	0.0653
rs9774417	G	0.176
rs3812475	C	0.0408
rs79122877	A	0.185
rs146922731	C	0.2436
rs59544142	T	-0.098
rs74325431	G	0.1445
rs1806921	A	0.0453
rs890315	A	0.042
rs12541881	T	-0.0735
rs144290708	T	-0.2449
rs77312736	A	-0.0733
rs17063860	G	0.1076
rs72679400	A	0.1495

rs10089333	G	0.0535
rs7829604	A	0.0509
rs62526128	T	0.0723
rs148214882	T	0.2229
rs79028176	C	-0.217
rs4236810	G	-0.0572
rs117163956	T	-0.2068
rs55965307	A	0.1673
rs75314003	C	-0.1398
rs117492025	T	0.1083
rs2341799	A	0.0801
rs34578829	G	0.0548
rs73579880	A	0.128
rs2442562	C	0.0444
rs62508257	T	0.0734
rs78829996	C	-0.0739
rs77397190	T	-0.0444
rs1481649	A	0.0817
rs3110143	A	0.1178
rs76622845	C	0.2347
rs1962471	G	-0.0511
rs11985587	C	-0.0423
rs151274593	C	-0.1885
rs28615194	G	-0.0453
rs1673239	A	0.0467
rs77388186	T	0.0978
rs35311737	T	-0.0605
rs2933040	A	0.048
rs35139123	A	-0.358
rs16923672	G	-0.1391
rs17708310	T	0.108
rs72667504	A	-0.1619
rs74464585	G	-0.2448
rs73183570	T	-0.099
rs143768324	A	0.1916
rs7821593	T	0.0405
rs75683021	A	0.0883
rs7842946	T	0.0496
rs78472435	C	-0.1867
rs141043423	A	-0.1532
rs151187686	A	0.1762
rs17725981	A	0.1641
rs1125374	A	0.0433
rs117763488	A	0.2124
rs74386054	C	0.137
rs113177309	T	-0.1916
rs58052642	C	0.1572

rs16886173	G	-0.0765
rs9969472	G	-0.0397
rs17437952	A	0.1027
rs7003993	T	-0.0616
rs9650235	C	0.0937
rs111822071	A	0.2955
rs79850773	T	-0.0936
rs75864200	T	0.1159
rs17706148	A	-0.1988
rs74900642	T	0.0653
rs1466785	T	-0.0407
rs35258707	A	-0.2349
rs1119519	G	-0.0437
rs10111516	T	0.1378
rs72673144	G	0.0632
rs56013629	A	0.0528
rs56263050	A	0.076
rs35276356	G	0.0791
rs77201428	A	-0.056
rs55918052	G	-0.1918
rs28907871	T	-0.1349
rs11552577	G	-0.0531
rs16938679	T	0.079
rs2442603	G	0.0619
rs112632942	T	-0.0743
rs78382479	C	-0.2597
rs78030386	C	0.1427
rs4500116	T	0.0415
rs79007531	G	0.0853
rs62501893	T	0.1525
rs399030	A	0.0678
rs79152459	T	0.1829
rs7007762	G	0.0508
rs80067341	C	-0.0639
rs148171282	A	0.1422
rs2339734	C	-0.0974
rs2627383	A	0.0419
rs55875009	A	0.0615
rs151112304	A	-0.1178
rs7006520	A	0.2458
rs16868264	A	-0.046
rs4977187	T	-0.0789
rs17413882	C	-0.0479
rs56171452	A	0.2863
rs118018845	C	0.1711
rs6415462	T	0.1643
rs151235216	C	-0.3375

rs17464622	G	0.1751
rs13258117	A	-0.047
rs10107930	A	0.1321
rs10087581	C	-0.1177
rs145737958	T	0.1927
rs7826070	C	-0.0601
rs11782473	A	0.1525
rs116476138	C	0.0932
rs117526124	T	-0.141
rs28928597	G	-0.0764
rs117638557	G	0.192
rs4841789	T	0.0457
rs77053356	C	0.1084
rs62506263	A	-0.2284
rs34918665	T	-0.0818
rs13268926	C	-0.0405
rs12548930	A	-0.1814
rs875164	T	0.0402
rs7813124	T	0.1755
rs80196311	T	-0.0938
rs77557587	T	0.1024
rs73683803	C	0.1828
rs7825346	T	0.0483
rs113630164	T	-0.104
rs77538674	C	0.1004
rs150105750	C	0.1734
rs76729432	C	-0.0866
rs3935197	T	-0.0398
rs75941307	T	-0.2879
rs57428505	C	-0.0409
rs72641288	A	-0.1445
rs77385495	C	0.0881
rs79382561	T	-0.0949
rs7846132	G	0.0795
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rs12234946	G	-0.0771
rs76571637	C	-0.1398
rs814360	T	0.055
rs117617200	G	0.1234
rs74878727	T	-0.1073
rs1914826	T	0.052
rs76968380	A	0.1045
rs75711848	A	-0.1267
rs116901650	C	-0.1934
rs6984245	T	-0.0711
rs75568845	A	0.176
rs72654661	C	-0.265

rs2978901	G	-0.0394
rs6982451	A	0.0479
rs10098042	T	-0.0697
rs144161328	C	-0.046
rs79706006	C	0.1826
rs75483726	A	0.1006
rs4389914	T	0.0558
rs58538103	G	0.0486
rs117718326	A	0.1881
rs1526335	A	0.0599
rs57772271	A	0.0423
rs77474338	A	0.1653
rs55928722	A	-0.0873
rs3808385	T	-0.0411
rs2688274	A	-0.079
rs72682245	C	0.1096
rs4403373	A	-0.0388
rs341809	A	0.0407
rs60391037	A	0.1151
rs10102575	T	0.072
rs61342069	G	0.0701
rs35310547	G	0.1499
rs2977044	A	-0.0427
rs118148352	A	-0.281
rs232726	C	-0.0417
rs142352903	T	0.0868
rs62512863	G	0.05
rs113409223	A	0.1482
rs1965818	C	0.058
rs117277402	C	-0.2129
rs1015778	C	-0.1184
rs35642329	G	-0.0543
rs7844765	T	0.0547
rs2141560	T	-0.0647
rs62521264	T	0.1371
rs3793382	C	0.0675
rs142130265	A	-0.251
rs2386126	C	0.0383
rs9297663	G	-0.0512
rs17116074	A	0.0627
rs2975424	C	0.0535
rs2554698	C	0.0687
rs28774977	A	0.0551
rs1978825	C	0.0734
rs12547236	C	0.1188
rs10095706	T	-0.1169
rs117139499	A	0.1036

rs2433087	T	0.0803
rs4457379	C	0.0675
rs12547417	T	0.0683
rs594006	A	-0.0381
rs16877095	T	0.0557
rs116859300	C	-0.139
rs4509280	C	-0.0508
rs10110090	T	-0.04
rs117198966	A	0.2225
rs77071578	G	-0.1558
rs17066728	G	-0.0595
rs117665000	A	-0.1335
rs11987540	A	0.1636
rs7843557	C	0.0406
rs1078840	G	0.0601
rs4531096	T	-0.0411
rs7821349	A	-0.2004
rs60369626	G	0.0623
rs2927124	C	0.0399
rs117708055	A	0.1476
rs75721569	T	0.1895
rs6997301	G	0.0748
rs75649401	C	-0.078
rs4541976	C	0.0735
rs11779526	T	0.0412
rs776271	G	0.2101
rs72659603	C	-0.0636
rs117498583	C	-0.3477
rs7006244	G	-0.0897
rs72643906	G	-0.2891
rs6989399	T	0.2084
rs56336546	A	0.0488
rs73286308	C	0.0502
rs11992863	T	0.1081
rs6998745	T	-0.0397
rs17697423	A	0.1935
rs13249792	G	-0.0415
rs75996570	C	-0.0785
rs13274052	T	0.1504
rs7823326	C	0.0486
rs75764044	A	0.1117
rs72674311	C	0.0489
rs13262305	A	-0.0443
rs1107217	T	-0.0398
rs34741712	G	0.0502
rs13261414	G	-0.0568
rs10081517	G	-0.0401

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rs891398	T	0.0387
rs78811926	A	0.1336
rs13270169	T	-0.1075
rs149267109	T	0.1351
rs2244358	C	-0.0752
rs117366327	A	0.154
rs79948702	A	-0.0588
rs10094763	T	-0.0419
rs112674872	C	0.1714
rs11787527	G	-0.0635
rs580415	A	-0.1223
rs12114331	T	-0.2345
rs10094161	A	-0.0382
rs79737036	T	-0.0804
rs11136375	A	0.0622
rs62513021	G	0.0421
rs62520524	A	0.0837
rs4452774	G	-0.0399
rs3927941	A	0.0388
rs10111907	C	-0.0717
rs2062067	T	-0.1609
rs62521444	A	-0.0454
rs2142215	T	0.052
rs113663064	G	-0.1342
rs77784867	T	0.186
rs6981596	T	-0.0806
rs4840487	T	-0.0386
rs2896713	A	-0.0411
rs13250105	G	-0.1119
rs7836445	A	0.0433
rs146704850	T	0.2495
rs62530017	A	0.2233
rs75969311	A	0.1115
rs117384185	C	-0.0968
rs75944327	T	0.3137
rs11785829	G	0.0395
rs17060380	C	0.0707
rs117064419	C	-0.1516
rs13263979	G	0.0502
rs4500115	T	-0.0534
rs79720526	A	-0.094
rs117956750	A	0.1727
rs1973130	A	0.0614
rs76795656	T	0.1501
rs6982127	C	-0.0409
rs113823331	C	0.1485

rs76866829	G	-0.1896
rs10088843	C	-0.0724
rs149474520	A	-0.2159
rs4242392	C	0.0463
rs7013420	C	-0.041
rs10504943	A	-0.0489
rs72722167	A	0.0654
rs77473255	G	-0.1313
rs76972097	A	-0.239
rs9297881	A	0.0403
rs7821432	A	0.0903
rs73273285	C	0.0849
rs142403668	A	-0.2166
rs17437006	A	0.0575
rs2016508	T	0.087
rs72682934	T	0.1122
rs13258081	G	-0.0386
rs1983543	G	0.0894
rs7833916	G	-0.0717
rs10111585	G	0.0407
rs73197263	C	-0.0564
rs72671252	T	-0.054
rs76391545	C	0.106
rs143181333	C	0.2475
rs7832991	A	0.1543
rs141450316	T	-0.1799
rs72641499	C	0.2197
rs62493325	A	-0.1254
rs7814439	A	0.0532
rs2670020	A	0.1898
rs328106	G	-0.0426
rs2189025	A	0.0467
rs74517825	G	0.1579
rs117383367	G	0.1328
rs2121886	C	-0.0619
rs78201365	A	0.191
rs7827532	T	0.0812
rs9693121	T	-0.1323
rs73532118	A	-0.2034
rs2299561	T	0.0403
rs137954109	C	-0.1004
rs118051915	A	-0.3231
rs7840807	T	0.2255
rs77020020	G	0.092
rs17074252	A	-0.0836
rs1947919	C	-0.0494
rs4503099	A	0.0449

rs6472714	A	0.0376
rs263332	C	0.0477
rs12682460	A	-0.1698
rs10504541	T	0.1202
rs112507540	A	-0.0978
rs12543336	A	0.07
rs11994116	A	-0.0458
rs60326992	A	-0.0672
rs10504898	A	-0.0386
rs4977149	T	-0.047
rs7841066	A	-0.1141
rs2008571	G	-0.0516
rs73219825	G	-0.0899
rs7008864	G	-0.0452
rs72680550	G	0.0483
rs78089617	G	-0.1809
rs62520947	C	0.1882
rs10096376	C	-0.1404
rs13253277	C	-0.0372
rs140176096	T	0.1854
rs112552956	T	-0.1326
rs77399904	A	0.1482
rs56070317	G	0.0808
rs1806291	G	-0.0599
rs4739284	T	-0.0827
rs6987448	T	-0.0833
rs3886996	C	0.1276
rs12549617	T	0.0547
rs919067	T	-0.0431
rs118043985	G	0.183
rs2622571	A	0.0443
rs2685419	A	0.0419
rs73214805	T	0.0617
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rs16890085	G	-0.2045
rs74466606	T	-0.1138
rs71532429	G	0.2107
rs16939099	T	0.0628
rs34214051	C	-0.0604
rs117086853	G	0.1967
rs13261644	A	0.1424
rs3020288	A	0.1567
rs117869545	T	0.1004
rs7846017	G	0.0422
rs7833107	A	-0.118
rs10096149	C	-0.0406
rs56903658	G	0.204

rs73216788	T	0.1985
rs147305264	T	0.1726
rs28578258	G	0.0542
rs62518566	G	0.0709
rs148348342	T	-0.1356
rs2470715	T	-0.0524
rs2954877	T	0.0386
rs68189791	T	0.112
rs78459449	T	0.0996
rs142963618	T	0.2438
rs2336866	C	0.0526
rs139968922	C	-0.1322
rs13268133	T	-0.0413
rs62494026	T	0.1815
rs34437310	T	0.1646
rs73534918	C	0.0478
rs76565395	G	0.257
rs57897378	A	0.0802
rs117574829	T	0.1919
rs11786655	C	-0.1041
rs2469522	A	-0.0441
rs10955829	T	-0.0646
rs111720583	T	-0.1982
rs117803486	G	-0.2243
rs34667744	C	-0.0397
rs76303667	T	-0.1641
rs13251461	T	0.0478
rs7825488	G	0.1222
rs7833656	C	0.038
rs62516028	T	0.0895
rs116923340	G	0.3097
rs11775541	C	-0.0515
rs6993442	C	-0.084
rs137944103	G	0.1735
rs13268765	T	-0.0546
rs118091868	A	-0.146
rs10093375	G	0.0482
rs141886143	C	-0.2765
rs138054362	A	-0.0657
rs62525762	T	-0.1221
rs2591017	T	-0.0367
rs498917	T	-0.06
rs7842319	G	-0.0516
rs117761443	A	0.1667
rs116918532	T	0.1519
rs9656832	A	0.0918
rs28802289	T	-0.0852

rs17089585	A	-0.0523
rs6474040	T	-0.0412
rs17396948	C	0.0922
rs17813547	C	-0.0854
rs7010888	C	-0.0531
rs7828186	G	0.0405
rs12678610	C	-0.0402
rs11203640	G	0.0413
rs118004663	T	0.1652
rs117433038	T	-0.1379
rs62499936	A	-0.0379
rs35152482	T	-0.1015
rs75592700	G	0.2031
rs145863730	G	-0.3312
rs10094988	A	0.038
rs11780656	T	-0.0465
rs11774700	C	-0.0433
rs6470163	A	0.0431
rs13256945	A	-0.0372
rs139774951	G	-0.1844
rs12545745	G	-0.0574
rs75060870	G	-0.0587
rs2626353	A	-0.0473
rs7813988	G	-0.0375
rs118153060	A	0.1472
rs116976900	G	0.273
rs11993516	T	-0.0507
rs113072145	A	0.1511
rs142985453	A	-0.0835
rs11135811	T	0.0954
rs1347605	C	0.0466
rs13255181	A	0.2781
rs77371181	A	0.1537
rs62520898	T	0.0476
rs1901061	A	-0.0367
rs150036020	T	-0.1198
rs11992458	A	-0.0546
rs2469331	A	-0.0493
rs7834736	G	-0.0408
rs579798	C	-0.0437
rs76809099	A	0.0879
rs112665984	C	-0.12
rs76064050	C	-0.3607
rs2457423	T	0.045
rs117572112	T	0.1553
rs79609345	C	0.0755
rs12674982	G	-0.0509

rs72640331	T	-0.1696
rs959976	C	0.0486
rs80263108	A	0.0438
rs4876717	C	0.0552
rs118040159	G	0.2783
rs73699267	T	0.1398
rs117414883	A	0.2135
rs12547085	C	0.0516
rs148520329	C	0.1765
rs1729161	T	-0.0366
rs2615767	C	-0.0479
rs150543261	T	-0.2822
rs75653133	C	0.1151
rs79951249	T	0.0862
rs117329014	C	-0.2608
rs12547615	G	-0.0792
rs12674503	A	0.0406
rs13282848	C	0.0375
rs35897939	A	0.0932
rs113968718	A	0.1845
rs7844344	A	-0.041
rs35347573	C	-0.0816
rs3862090	T	0.0572
rs150668710	A	-0.2412
rs116365745	A	0.281
rs992891	C	0.0372
rs75367481	A	0.2436
rs2318144	A	0.0529
rs137962475	G	0.2895
rs34878373	A	0.0706
rs11997401	T	-0.0413
rs2445720	G	-0.0744
rs77198961	C	0.0509
rs7002807	G	0.036
rs112234186	C	0.1035
rs16922990	T	-0.0457
rs2577033	T	0.0427
rs76713096	A	-0.2912
rs34214752	G	0.3217
rs56121069	T	0.1772
rs78959420	G	-0.18
rs2980003	T	-0.0417
rs12549958	T	-0.0355
rs2198749	A	-0.0382
rs62513548	A	-0.0732
rs72727859	T	0.1762
rs79853059	T	0.0549

rs77291612	C	0.2958
rs78076205	C	0.0831
rs4872309	G	-0.0376
rs4736640	G	-0.0417
rs75633240	A	0.114
rs10503288	T	0.0542
rs117512053	T	-0.1085
rs7015639	C	-0.0501
rs117276614	T	-0.3442
rs4909447	T	-0.0488
rs2922806	T	0.0441
rs71518538	A	-0.1647
rs1004380	G	0.042
rs75343997	G	0.1201
rs1227643	A	-0.0753
rs348148	C	0.0384
rs16913721	A	-0.0379
rs2385167	C	-0.0745
rs6558722	G	-0.0778
rs1499685	C	0.0549
rs1498179	A	0.0441
rs67456872	C	0.1154
rs4506214	T	0.0396
rs117798498	T	-0.158
rs117096465	A	-0.1019
rs7001297	T	-0.0665
rs118038063	G	-0.1361
rs2403730	A	-0.038
rs74376093	G	0.1386
rs142342247	T	-0.35
rs6578086	T	0.0384
rs17644430	C	-0.0543
rs1516950	A	-0.0573
rs144718139	G	-0.1782
rs72718761	T	0.2273
rs72659523	C	0.2887
rs10086322	G	-0.1577
rs113544822	C	-0.1098
rs4909836	G	0.1001
rs10094348	A	-0.0386
rs148118226	T	0.1664
rs2954866	G	0.054
rs76888183	G	-0.2457
rs2447496	G	0.0425
rs113608028	C	0.1934
rs138701653	G	0.1845
rs79352999	C	-0.1897

rs72672141	T	0.0933
rs1513337	G	-0.0371
rs73536280	G	0.2057
rs79371866	C	0.0621
rs75888379	A	0.1661
rs142253994	C	-0.2144
rs79320696	G	0.3477
rs6470791	T	-0.0362
rs7844565	T	-0.0467
rs3779865	C	-0.038
rs78243082	C	0.1181
rs111568704	A	-0.1034
rs994618	A	0.1366
rs10104711	A	-0.0411
rs6470706	T	0.0419
rs279953	G	0.1307
rs4733037	T	0.0381
rs17064135	G	0.0716
rs57316316	G	0.2003
rs56311335	A	0.0686
rs78409406	C	-0.1305
rs144914372	T	0.1193
rs11783199	A	0.1905
rs80148198	G	0.1972
rs28490140	C	0.1872
rs7825638	T	0.12
rs77024535	G	0.2705
rs116920073	T	0.1512
rs10109698	C	0.0911
rs117206569	T	0.2229
rs3779853	T	0.037
rs62521888	G	-0.0737
rs12547360	G	-0.0381
rs55762291	G	0.0381
rs34397313	T	-0.0572
rs2575041	C	0.0398
rs11203675	C	-0.083
rs2177010	G	0.0417
rs117798478	A	0.1153
rs17325726	A	0.1052
rs73181042	A	-0.2994
rs77888285	A	0.1786
rs117230303	A	-0.1874
rs73676415	G	-0.0804
rs586859	A	0.2047
rs16869594	A	0.1826
rs73187277	T	-0.0914

rs7815708	A	0.0796
rs77550417	A	-0.1209
rs17448722	A	0.1058
rs4297011	C	0.0369
rs11786061	A	-0.0442
rs117988568	G	-0.199
rs13272422	A	0.0388
rs12678215	T	-0.0378
rs2981190	A	0.0372
rs41395344	G	-0.0461
rs2970613	G	-0.0369
rs6997873	C	-0.0581
rs117114368	C	-0.1475
rs6557865	G	-0.0553
rs6982829	T	-0.0635
rs117969529	G	-0.1139
rs149243878	G	-0.2591
rs13267916	G	0.0575
rs138566061	G	0.0982
rs62526997	T	0.2558
rs4532638	T	-0.0373
rs62503589	C	0.226
rs1264478	G	0.0353
rs10282829	A	-0.0477
rs80340820	A	0.1357
rs2142182	T	-0.0399
rs75441727	G	-0.0677
rs148957661	A	0.1838
rs17236260	G	0.167
rs7829342	T	-0.1088
rs112357934	C	-0.0908
rs145408327	C	-0.2259
rs145040925	A	-0.1719
rs715006	T	-0.0362
rs11781699	C	-0.0463
rs140943806	T	-0.2403
rs9969425	A	-0.2188
rs7844963	T	-0.0414
rs141064053	C	0.1897
rs17502474	T	-0.1148
rs3857915	A	-0.0465
rs138699995	G	0.2032
rs3793428	A	0.0492
rs9644125	T	0.0805
rs62519394	A	0.0373
rs66787637	T	0.0674
rs1481714	C	-0.0504

rs7002349	C	-0.0355
rs75507034	A	-0.0594
rs13254863	C	0.0471
rs142837012	T	0.299
rs77089355	C	-0.1651
rs57934624	G	0.0677
rs11784384	T	0.1194
rs35389369	T	0.0775
rs72737860	A	0.1072
rs139667340	T	0.1709
rs28444902	A	0.0584
rs7824222	C	0.0653
rs72658967	T	0.0524
rs56193586	C	0.0827
rs78668364	T	-0.0768
rs34279110	T	0.1044
rs73702980	G	0.1035
rs117984872	T	0.0635
rs7829210	C	-0.1463
rs4076991	A	-0.0584
rs10092916	G	-0.0365
rs116927692	C	-0.1936
rs78819393	G	0.1301
rs12675996	A	0.0438
rs79928657	T	-0.1572
rs2977550	T	0.0933
rs7814494	T	0.0708
rs1898465	T	-0.1724
rs17245479	G	0.1644
rs149071605	C	-0.2004
rs10102821	A	-0.0517
rs7828534	G	0.0349
rs728827	T	0.0445
rs75228134	C	-0.3292
rs72685546	G	-0.0727
rs74451105	T	-0.0673
rs17553961	G	0.1166
rs117509386	T	0.13
rs28388282	G	0.1408
rs35048281	C	-0.2318
rs116856256	C	-0.1489
rs113112414	A	-0.1218
rs140520777	T	-0.2623
rs146797292	A	0.1458
rs140399132	T	-0.1859
rs13278368	C	0.0368
rs17430266	A	0.0426

rs17435835	G	0.045
rs1060730	T	-0.0861
rs80274285	A	-0.1555
rs1872498	T	0.0442
rs73179240	C	-0.2075
rs13262474	A	0.068
rs4976897	C	-0.0406
rs6471693	G	0.0475
rs10112831	G	0.0856
rs4506244	G	-0.0421
rs145761674	T	-0.2412
rs115717995	T	-0.1457
rs72678536	T	-0.2979
rs10101471	C	-0.113
rs11774790	A	0.111
rs117243705	G	0.1741
rs62515082	A	-0.0843
rs7814445	G	-0.0607
rs34280380	A	0.1251
rs78421679	G	-0.1526
rs11136232	A	0.1361
rs2555714	T	-0.1358
rs4875135	C	0.0643
rs112242999	C	0.1925
rs113102551	C	0.2157
rs28859044	G	0.0704
rs6997892	A	0.0493
rs148052891	G	0.1839
rs10086758	A	-0.0406
rs11135840	A	0.0351
rs148857213	T	-0.3117
rs10108957	C	-0.0393
rs142172244	A	0.104
rs1542148	G	-0.0461
rs72652735	T	-0.0774
rs12680594	G	-0.0404
rs1109797	T	-0.1927
rs2441921	C	-0.0379
rs34556927	G	0.0459
rs12680808	T	0.0351
rs56319340	A	0.0526
rs62499946	A	0.1457
rs17093403	G	-0.0347
rs71519015	T	0.2103
rs147550094	A	-0.1216
rs150272093	A	0.1441
rs28427014	T	0.0961

rs57333355	A	0.2571
rs147181182	C	0.1128
rs17347874	G	0.0607
rs12546277	G	0.0784
rs80295339	A	-0.1802
rs10092590	G	0.0433
rs2676435	G	-0.0493
rs13282889	G	0.0362
rs77978126	A	0.2328
rs137870106	G	0.2605
rs80090205	C	-0.2165
rs55940216	G	-0.0518
rs75671328	C	0.0475
rs145676277	A	0.3087
rs116346947	A	0.1904
rs17065804	G	0.078
rs118100600	T	-0.1557
rs72678441	G	0.0487
rs2959820	G	0.0504
rs144646178	A	0.117
rs116919497	T	0.2188
rs72662924	G	-0.0708
rs78346531	C	0.1387
rs4384000	T	-0.0414
rs17343259	T	0.0448
rs62498398	G	0.1313
rs7005288	G	-0.0425
rs13270872	A	0.0773
rs10111254	T	-0.0549
rs12550831	C	-0.0359
rs4872011	C	0.0369
rs71504479	G	-0.0684
rs28424144	A	0.0544
rs34637388	T	0.1224
rs73357898	T	-0.0718
rs6474091	C	0.0373
rs2976967	C	-0.1719
rs78437271	T	-0.1036
rs80087815	G	0.2562
rs67453036	G	0.085
rs2648871	A	0.0872
rs10089722	T	-0.0359
rs35342845	T	0.0924
rs73193550	G	0.1507
rs2127652	T	0.0988
rs6468204	T	-0.036
rs143123821	A	-0.2485

rs62524107	C	0.091
rs333615	A	-0.0453
rs12155646	C	0.0479
rs143313110	G	0.1635
rs2410410	G	0.1621
rs62525672	A	-0.1225
rs147423659	G	-0.3269
rs7006041	T	-0.0367
rs2953957	G	-0.0542
rs7016335	C	0.0409
rs2979782	C	0.0422
rs9650218	A	0.0373
rs3016888	C	0.0486
rs1700106	A	0.0343
rs2923772	A	-0.0384
rs73176758	T	-0.0978
rs76578121	G	-0.1979
rs10109776	T	0.096
rs78623944	G	0.0573
rs146710292	T	-0.2064
rs12547205	T	-0.0379
rs2385429	T	-0.1166
rs12548451	C	-0.0584
rs7827660	A	0.0504
rs118105048	G	0.2773
rs416829	G	-0.0343
rs78141699	A	0.0809
rs2977377	T	-0.1504
rs13270795	T	0.111
rs111502878	G	-0.1678
rs12546027	A	-0.0407
rs137936316	A	0.2747
rs2978243	T	-0.0534
rs13258742	G	0.0555
rs78189481	T	-0.194
rs17739011	C	-0.11
rs2956253	G	0.0432
rs143243312	A	-0.2103
rs10111821	T	-0.0516
rs4872124	C	-0.0554
rs6985858	G	0.0476
rs61121407	T	0.2104
rs62524190	G	0.0482
rs4736759	C	-0.048
rs2975186	C	-0.0387
rs11787070	T	-0.2631
rs1111391	T	0.037

rs28593230	A	0.1175
rs118188455	T	0.1833
rs2465006	T	0.0474
rs13277690	C	-0.0497
rs11136447	C	-0.04
rs4876359	G	0.042
rs6982771	T	-0.1952
rs4870786	C	-0.0375
rs117772331	G	0.4208
rs55780211	T	-0.0714
rs78051589	G	-0.0553
rs76865400	C	-0.1139
rs3824147	A	-0.0344
rs2977728	G	-0.0533
rs77160823	C	-0.1204
rs2513356	T	0.2905
rs10505000	C	-0.0627
rs79979087	A	-0.1214
rs11203982	C	0.0629
rs4523235	G	0.037
rs77913875	C	-0.1018
rs10095665	G	-0.055
rs56255745	T	0.1586
rs4391458	T	0.036
rs78708939	C	0.1049
rs6983357	G	0.1718
rs141244598	C	0.2055
rs73683787	C	-0.0543
rs12545907	A	-0.05
rs77847518	T	0.0653
rs7016136	G	0.0359
rs67650071	A	0.2434
rs17052096	G	-0.0387
rs72641940	A	-0.0826
rs77238883	T	0.0656
rs72674002	G	0.0949
rs10453142	G	0.1046
rs116867061	A	-0.1597
rs16938824	C	0.0411
rs72689069	T	0.1318
rs7012576	G	-0.1564
rs113176873	T	0.1263
rs146768202	C	0.1069
rs35379646	A	0.0433
rs1463259	T	0.0401
rs79458489	C	0.0758
rs28546364	T	-0.1394

rs7826147	T	0.0925
rs7461883	C	0.0512
rs117089745	T	-0.2624
rs3793371	A	-0.0591
rs1705702	G	-0.0395
rs13256555	C	-0.0879
rs11135998	A	0.0783
rs76039193	G	-0.0587
rs76373859	G	-0.2103
rs10092983	A	0.0385
rs35100730	G	0.0651
rs147470265	C	-0.251
rs7815792	T	-0.0403
rs9694132	T	0.0895
rs12156156	A	-0.0688
rs12550241	A	-0.0816
rs16923080	T	0.1012
rs117489053	G	-0.0524
rs13263193	T	0.1706
rs59934325	G	-0.157
rs73595458	T	0.0663
rs306973	A	-0.0665
rs139680456	T	-0.1532
rs58977584	G	0.0429
rs10091119	T	-0.0725
rs7816215	T	0.0695
rs72734050	T	-0.0868
rs117149818	A	-0.1395
rs1442333	C	0.0826
rs4735258	C	-0.0354
rs11990682	G	0.1032
rs79828069	C	0.0576
rs72664125	G	-0.1256
rs59973272	C	-0.0346
rs13280104	A	-0.047
rs6473960	T	0.1256
rs117430607	T	-0.1452
rs11775742	C	-0.0338
rs72676799	A	-0.106
rs73678290	C	-0.1255
rs4041618	G	0.0425
rs112134915	G	0.1984
rs4545075	T	-0.0375
rs118189065	A	0.0717
rs73208640	C	0.0769
rs4618655	T	0.1188
rs117470569	G	0.2481

rs56015539	A	0.063
rs117256994	A	-0.1572
rs113151178	A	0.0903
rs78887157	G	-0.0987
rs34040169	T	-0.2659
rs7819725	C	0.1048
rs17318192	A	0.1376
rs118017300	T	0.1837
rs2873955	T	0.0344
rs7813443	G	-0.0357
rs210677	A	0.0346
rs79767592	G	0.1607
rs2725694	T	0.1262
rs10092807	T	-0.0407
rs7842063	A	0.0436
rs6989679	G	-0.0433
rs2218367	T	-0.0382
rs59818496	T	-0.0588
rs311667	G	-0.0535
rs117262908	C	-0.1367
rs11774859	T	-0.092
rs13267292	T	0.0483
rs7825193	T	-0.064
rs12546759	T	-0.0548
rs2004977	T	-0.0428
rs12543807	A	-0.0422
rs1985958	G	0.0336
rs36091914	T	0.0809
rs4831768	C	0.0477
rs6997818	A	0.0458
rs1492970	A	-0.0481
rs61759697	A	0.0893
rs7013729	G	0.0681
rs71530825	T	-0.1248
rs73179684	T	-0.0459
rs13278687	C	0.0455
rs74682344	G	0.2695
rs7388163	G	0.042
rs13270739	T	0.0601
rs60232281	G	-0.189
rs17602352	C	0.0515
rs7008571	G	0.0427
rs62511254	A	-0.0743
rs112140564	G	-0.2096
rs2411275	T	0.0414
rs149736151	A	-0.2221
rs62491339	A	0.1134

rs6996522	C	0.0522
rs62519452	C	-0.0897
rs117243673	T	-0.1588
rs10429299	C	-0.0418
rs146962850	G	-0.0903
rs11135714	A	0.0451
rs17418058	G	0.0363
rs62531721	G	-0.1277
rs74501864	C	0.2151
rs76534524	G	0.1148
rs117387496	T	0.2783
rs1154044	C	0.0423
rs766796	T	0.0743
rs6472304	C	0.0585
rs2555722	A	-0.035
rs73705634	T	-0.1168
rs72678181	A	-0.2317
rs147830933	A	0.1458
rs12679721	T	0.0522
rs2029619	T	0.1196
rs118105552	G	-0.1841
rs78376019	A	0.1036
rs4442136	G	0.0625
rs73706517	A	0.1524
rs10113679	G	0.0858
rs73171174	T	-0.0532
rs7814762	C	-0.0482
rs1383580	T	0.0615
rs147476476	C	-0.123
rs116899009	A	0.1504
rs75843534	C	0.1028
rs71519616	A	0.2063
rs60855925	C	0.0595
rs7845563	C	0.0388
rs144933141	T	0.0871
rs117607789	T	0.2173
rs7462854	T	0.0534
rs141858579	T	0.212
rs77292620	T	0.1545
rs112471020	C	0.1218
rs113102002	G	0.0583
rs79170142	G	0.0715
rs117421967	A	-0.1254
rs28498180	C	-0.0337
rs35631780	A	0.1834
rs2954347	G	0.0463
rs7002893	A	0.0817

rs56168271	T	0.0747
rs62532575	G	0.1349
rs1994540	A	0.0343
rs74633848	A	0.1318
rs7840263	T	0.0659
rs3108906	A	-0.0971
rs6557679	T	0.0389
rs2172166	G	0.0488
rs1862222	T	0.0448
rs75252401	C	-0.1854
rs59281026	A	-0.0461
rs2317587	C	-0.038
rs4410871	T	-0.0383
rs74628826	T	-0.0593
rs113785455	T	0.147
rs117204589	C	0.1322
rs117615420	A	0.2039
rs140037858	C	-0.1516
rs6985431	T	0.0384
rs77481784	G	-0.1325
rs80066068	A	0.0836
rs12676679	T	0.034
rs16893808	C	-0.0754
rs116880118	C	0.1069
rs73532518	G	-0.1129
rs72678162	G	-0.2257
rs268428	A	0.0499
rs11777608	G	0.0812
rs17373464	G	-0.125
rs6988947	C	0.0634
rs7828305	T	-0.0561
rs73519430	C	-0.0664
rs1879189	G	-0.0446
rs35325283	C	-0.0426
rs10505038	T	-0.1171
rs630459	G	0.0712
rs4737459	C	0.0372
rs11780294	G	-0.2493
rs72649441	C	0.0605
rs7834345	G	0.0371
rs76315763	C	0.0411
rs73572338	T	-0.0995
rs12541397	A	-0.0527
rs2959381	A	-0.0421
rs117714724	A	0.2094
rs78546906	T	0.1628
rs4738618	A	0.0372

rs117095989	A	0.1641
rs7842410	G	-0.0331
rs11997441	C	-0.0433
rs74908317	T	-0.0436
rs75272363	T	-0.1052
rs61236019	T	0.2346
rs7832332	G	0.0344
rs116904889	T	0.1146
rs113069111	T	0.1836
rs11995910	A	-0.0945
rs76598349	T	-0.0847
rs11780744	C	-0.0378
rs17069769	G	-0.0467
rs74592179	G	0.2565
rs7017329	C	-0.0471
rs13263615	G	0.0978
rs62518480	T	-0.1708
rs4352868	T	0.033
rs11780530	C	-0.0341
rs941159	T	-0.0357
rs9298508	A	0.0796
rs78545439	G	0.1689
rs138648352	C	0.1088
rs11989872	C	0.0522
rs67709527	G	-0.236
rs80192739	C	-0.1203
rs78874526	A	-0.0923
rs75713971	T	0.1342
rs73192370	C	-0.2009
rs2450144	T	-0.0368
rs78511714	T	0.078
rs17757600	G	0.0409
rs59703453	A	0.2131
rs2958318	C	0.2801
rs60446074	G	0.1418
rs3808602	A	0.1285
rs111705634	T	0.1833
rs62512735	G	-0.0379
rs113727389	T	0.0971
rs118060306	G	-0.1471
rs62478633	T	0.0922
rs11996743	A	-0.0343
rs62511316	A	0.1454
rs117434637	A	0.1152
rs141486622	G	0.1081
rs115581627	T	0.1023
rs7010504	C	0.1167

rs117057334	T	-0.3267
rs78845838	G	0.0803
rs924741	C	0.0409
rs2442589	C	0.0387
rs143456917	C	0.2631
rs117448937	A	0.2252
rs72680712	C	0.1327
rs10283033	A	0.1013
rs36076909	A	0.1138
rs12682059	T	0.0579
rs11166762	A	0.0532
rs112939848	T	0.1668
rs7836590	T	-0.0452
rs10503788	T	0.044
rs148979866	T	-0.1591
rs117274496	T	-0.1398
rs4873795	T	0.0665
rs7843884	A	-0.0332
rs2958830	C	-0.0433
rs117850193	A	0.15
rs11136995	A	0.0698
rs13262092	G	-0.0568
rs3852346	G	-0.1227
rs11562663	C	-0.1536
rs10087622	A	-0.1583
rs17770513	C	-0.0726
rs4976882	T	0.0572
rs13254448	T	-0.0402
rs56117219	A	0.0837
rs2679763	A	0.0463
rs111896348	A	0.048
rs117844806	C	0.1082
rs118009612	T	0.0872
rs2440651	T	-0.0918
rs76537124	G	0.1179
rs117005482	A	-0.1363
rs17217477	C	-0.0648
rs7838472	A	-0.0454
rs73544064	A	0.046
rs11991889	A	0.0905
rs72682565	T	-0.1085
rs2081668	C	0.0388
rs10109512	T	0.063
rs118177060	A	0.2217
rs1986373	T	0.1115
rs62510077	A	-0.1064
rs10481212	T	-0.0339

rs73563431	C	0.1197
rs55677263	C	0.1865
rs9792154	T	0.0475
rs1438196	G	0.0359
rs62509485	C	0.0803
rs4452812	T	0.0361
rs78845770	A	-0.259
rs7835014	G	0.0461
rs6993480	G	0.0339
rs74947224	C	0.1573
rs4907394	G	-0.2062
rs114554200	C	-0.0976
rs13252796	A	-0.1715
rs78122859	T	-0.1096
rs298603	C	-0.0424
rs2514783	G	0.0919
rs150767351	A	-0.215
rs11996929	T	-0.0367
rs10090072	A	0.1133
rs4236834	A	0.0351
rs5018145	A	0.0451
rs112653206	T	0.0532
rs2853172	A	-0.0329
rs17292295	A	-0.0904
rs7837487	A	-0.0459
rs2449226	T	0.0343
rs117613321	C	0.1856
rs2436909	G	0.0385
rs302960	G	-0.0384
rs59807200	A	-0.0963
rs117809999	A	0.0931
rs72725712	A	0.1287
rs4909342	A	0.0386
rs117887919	T	0.1829
rs13271760	A	0.0474
rs4738857	G	-0.0919
rs11776876	T	-0.0397
rs74346532	T	0.239
rs73503845	G	0.0998
rs72684011	G	0.2472
rs7838572	C	0.0471
rs72507529	G	0.0943
rs74790510	C	-0.2431
rs2245642	G	0.0713
rs117789940	C	-0.1263
rs146035247	C	0.1367
rs73717252	T	0.0466

rs75505403	C	-0.1932
rs12677152	T	0.0601
rs897153	C	0.0346
rs11988063	A	-0.0348
rs75214481	C	0.1347
rs9918805	A	0.0678
rs62512933	G	0.0376
rs2736320	G	0.0355
rs72688936	C	-0.0611
rs2701924	C	0.0682
rs28435468	T	0.0965
rs61318915	C	0.08
rs16889881	T	0.037
rs10101101	A	0.0508
rs56350209	A	0.1255
rs72728672	C	-0.1798
rs118053167	G	-0.0977
rs330918	G	-0.0365
rs35542655	C	0.0459
rs34359359	C	0.1171
rs408133	C	0.0626
rs117697854	G	-0.1675
rs61471953	T	0.096
rs10106723	T	-0.0903
rs3739231	T	0.0344
rs77833570	G	-0.1314
rs77846271	T	-0.0864
rs7814488	C	-0.0378
rs7846057	G	-0.1092
rs80308327	G	-0.2066
rs78227062	G	-0.0651
rs117485408	T	0.1278
rs12216811	A	0.0378
rs117730861	G	-0.1374
rs142030959	T	-0.1313
rs13250586	A	0.065
rs10100547	A	-0.0429
rs72624079	A	-0.0849
rs7014460	C	-0.1197
rs6990313	T	-0.0512
rs72676249	G	-0.104
rs17077573	A	0.0686
rs117387035	G	0.185
rs4404873	G	-0.0337
rs77775126	T	-0.1729
rs75054750	G	-0.1994
rs11986338	T	-0.0877

rs4633040	T	-0.0375
rs74731011	G	-0.0988
rs73505282	G	0.0513
rs7840417	G	0.0765
rs768753	C	0.0394
rs55720593	T	0.0645
rs2977557	A	0.0401
rs10504517	T	-0.0348
rs6987910	G	-0.044
rs142794355	A	0.2117
rs62501883	C	0.0777
rs112106159	A	0.1073
rs17319945	G	-0.1078
rs146396593	T	0.1611
rs75071157	T	0.1863
rs16896856	T	0.1068
rs6992980	T	0.0397
rs349354	A	-0.06
rs118126485	T	-0.1517
rs111657005	T	0.2222
rs74921693	T	0.0909
rs4623482	G	-0.0339
rs34188729	C	0.0322
rs11988178	T	-0.0686
rs79659277	G	-0.1807
rs79828337	G	0.0804
rs117842313	C	0.1242
rs117685537	A	-0.1382
rs28368823	A	0.1572
rs117327527	T	0.2264
rs72716950	T	-0.1197
rs117508105	T	0.1974
rs75458601	A	0.1185
rs76870384	T	-0.1285
rs7816475	A	0.0393
rs76972941	C	0.1142
rs35537947	A	0.0514
rs117829508	C	-0.1237
rs73184337	C	0.1508
rs2912053	G	0.0394
rs73709081	G	0.0656
rs10096686	A	-0.2153
rs75767349	C	0.0745
rs594685	A	0.1061
rs71571620	A	0.0678
rs2912304	T	0.0436
rs57067863	G	-0.0444

rs139465645	T	0.0798
rs75917665	T	-0.1093
rs10106820	G	0.0366
rs7018017	A	-0.0532
rs2404332	T	0.0362
rs17727266	C	0.066
rs2597860	A	0.0558
rs10096894	A	0.0337
rs728271	G	-0.0455
rs12682294	C	-0.063
rs2975644	C	0.0562
rs7815537	G	0.0549
rs12542663	G	0.0605
rs73714847	G	0.1217
rs12676467	A	0.1432
rs35552599	G	0.1313
rs7844514	T	-0.0883
rs2009603	C	0.1138
rs78461838	G	0.1905
rs4875308	A	0.0327
rs117535834	T	-0.2625
rs34573020	A	0.037
rs117912630	T	0.2719
rs2125917	T	0.0324
rs1442398	A	-0.0325
rs16907587	T	0.1026
rs28438570	C	0.1368
rs78498989	T	-0.1673
rs78740005	C	0.0762
rs13278956	T	-0.0394
rs72735972	G	-0.0793
rs2720500	G	-0.0423
rs118049064	G	-0.2301
rs35451013	C	0.043
rs7839438	T	0.0428
rs7820616	T	0.1008
rs17191425	A	0.0727
rs3780006	C	-0.0361
rs72690741	T	0.1005
rs149264414	G	-0.1481
rs62504318	C	0.0464
rs10089375	G	-0.1463
rs67746629	T	0.0923
rs114820954	C	0.0804
rs6989393	T	-0.2343
rs76234025	A	0.0802
rs116895369	A	0.1004

rs114609785	G	0.1204
rs117707788	G	-0.1286
rs62523744	T	0.094
rs118103505	C	-0.1277
rs142259278	A	0.161
rs17058685	T	-0.0353
rs72685443	C	0.1464
rs4734617	A	-0.0364
rs17079498	C	-0.1251
rs62489214	A	0.0622
rs117811953	A	-0.1317
rs1967328	T	-0.0353
rs11991627	A	0.0476
rs7834362	G	0.0354
rs71525152	G	0.0931
rs76518681	G	-0.1324
rs117414277	G	0.1589
rs10093239	A	-0.0334
rs6998793	T	0.0366
rs141768434	T	0.1405
rs17490430	C	0.1928
rs2214417	T	-0.036
rs114422507	C	0.1213
rs13271824	A	-0.0665
rs78679367	G	0.1456
rs116984611	G	-0.1855
rs1982229	T	0.0337
rs6995387	T	0.0394
rs60545488	A	0.1107
rs117594874	G	-0.1076
rs78440689	T	0.156
rs4739241	C	0.0423
rs1004349	T	0.0393
rs41408945	A	-0.2269
rs72639918	C	-0.066
rs145959245	A	-0.2041
rs10093216	G	-0.0492
rs7010983	C	0.04
rs11995855	T	0.2067
rs75092182	G	-0.1084
rs7819849	A	0.0522
rs66546292	T	0.0692
rs10216789	G	0.0525
rs10090636	G	0.08
rs117879251	A	0.2817
rs28399962	T	-0.0339
rs76109591	C	0.1889

rs116987234	C	0.0959
rs17262061	C	-0.2131
rs879998	A	-0.0329
rs117585235	T	0.1423
rs1868842	C	-0.0344
rs905033	C	0.0459
rs13274130	T	-0.1466
rs1986346	T	-0.0403
rs78033444	C	-0.0626
rs7834115	T	-0.0347
rs7834945	C	0.0588
rs76510074	T	-0.1163
rs35256682	T	0.085
rs28435266	A	0.2099
rs4301440	G	0.0325
rs112704716	G	-0.062
rs2976347	C	-0.0325
rs73509235	A	0.1625
rs7011088	T	-0.0333
rs72679677	T	-0.0668
rs141945720	T	0.177
rs16932805	G	0.1927
rs150920633	T	0.169
rs118155778	T	-0.1125
rs12541119	G	-0.0344
rs4872211	A	0.0456
rs278541	T	-0.1636
rs117777508	A	0.2091
rs6993960	C	0.0559
rs79485409	T	-0.1914
rs17060305	G	-0.0343
rs2447494	A	-0.0403
rs59447479	T	0.0558
rs144663054	A	0.2218
rs117293810	T	-0.1625
rs6989446	T	-0.0439
rs145734953	C	-0.1476
rs12541273	T	0.0565
rs17337615	A	-0.164
rs73185722	G	-0.0906
rs143211017	A	0.1529
rs117961017	T	0.1757
rs117878319	A	-0.1229
rs353734	A	-0.0361
rs117711117	C	0.1191
rs17575278	C	0.0641
rs148383899	T	0.1287

rs78775926	C	0.0525
rs35066695	T	-0.1492
rs73232416	T	0.0532
rs9792278	C	-0.0335
rs78986715	T	0.1546
rs138196053	T	0.2027
rs13281322	C	0.08
rs7838560	T	0.0793
rs138834082	A	0.1075
rs2859611	A	0.0543
rs11778287	A	0.0528
rs115084758	T	0.117
rs11774384	G	-0.0317
rs117712516	A	-0.1851
rs2608038	C	0.0507
rs150744433	G	0.0957
rs4532585	T	0.0338
rs4317545	A	0.0378
rs79209807	A	-0.1701
rs9693297	G	0.0519
rs4870903	G	-0.0358
rs10102126	T	0.0513
rs73662220	T	-0.2668
rs2670069	T	-0.0505
rs11783339	A	0.0383
rs77375127	T	0.0481
rs62510497	G	0.0772
rs11997418	G	0.1056
rs75460234	A	-0.1281
rs330018	T	-0.0376
rs6995706	A	0.0346
rs4871971	A	-0.0319
rs10956537	C	0.0408
rs7820127	T	0.0325
rs7834501	C	0.1536
rs12677235	G	0.058
rs13252065	C	-0.0328
rs62527004	C	-0.0752
rs35985218	A	-0.1644
rs17271555	G	0.1967
rs1464093	G	0.0398
rs74324089	A	0.1014
rs880641	C	-0.0413
rs11783322	G	0.0326
rs6474028	A	0.0516
rs2725361	G	0.032
rs116873760	T	0.1175

rs10866947	T	0.0475
rs7829720	T	-0.0335
rs2623554	C	-0.0402
rs16898881	G	0.0693
rs12547258	C	-0.2464
rs67765763	A	0.0744
rs12544875	T	-0.0392
rs77688094	A	-0.1485
rs75056286	G	-0.1569
rs16895803	C	0.1648
rs4360272	A	-0.101
rs10111313	G	0.0428
rs17243073	A	0.0615
rs2980233	C	0.1067
rs7830618	C	0.0544
rs16926569	A	-0.0499
rs74866131	A	0.051
rs2163534	C	-0.034
rs62527978	T	-0.2055
rs111708510	G	-0.0876
rs140152304	A	-0.1505
rs78539693	C	-0.2606
rs78592042	T	-0.1909
rs10094842	A	0.1021
rs78573710	T	0.0824
rs6983443	C	0.0516
rs2926702	C	0.047
rs28529623	A	-0.039
rs75212406	C	0.2329
rs34307890	T	-0.2214
rs117166607	C	-0.061
rs3907270	C	0.0359
rs7817893	T	-0.0868
rs72692180	A	-0.1363
rs977262	G	0.0381
rs111696946	T	0.0557
rs111996594	A	-0.0765
rs9314528	C	0.041
rs74963500	C	0.2183
rs6996005	G	-0.036
rs1578978	G	0.0331
rs55662061	G	0.0512
rs2720884	C	0.1215
rs11203905	A	-0.0383
rs10090690	C	-0.0413
rs13253871	A	-0.0438
rs73232846	G	-0.0405

rs28408951	G	0.1956
rs58979531	C	0.0839
rs78112472	T	-0.0472
rs733330	G	-0.034
rs35309447	C	-0.0336
rs512130	T	0.0606
rs7835351	T	0.0926
rs75892398	G	0.1396
rs55947057	G	-0.1362
rs76832253	T	-0.1173
rs72718293	A	-0.0903
rs6987784	G	0.0446
rs76199317	T	-0.1615
rs114922934	A	-0.1398
rs16938650	A	-0.065
rs117666508	T	0.2249
rs13281936	C	0.0363
rs72667317	A	0.2623
rs78980767	A	-0.1071
rs12678872	C	0.0573
rs17151534	C	-0.0943
rs17460250	C	-0.0725
rs7823676	G	0.0377
rs79695585	T	0.1359
rs73531989	C	0.1893
rs114573186	T	-0.2214
rs965670	A	0.0645
rs143388746	A	-0.1573
rs7829921	G	0.0863
rs13261949	A	-0.0321
rs2617065	T	-0.0323
rs77797453	T	0.1339
rs72669332	G	-0.1469
rs1600657	C	0.2775
rs72716935	T	-0.0594
rs117354792	T	-0.1303
rs7816571	T	-0.0322
rs2448959	C	0.1208
rs2585128	T	-0.0532
rs28496821	C	0.0624
rs117118392	T	-0.0524
rs7013021	T	0.0534
rs117269862	T	-0.1023
rs9297983	G	0.0527
rs2936530	T	-0.0372
rs142114675	C	0.1508
rs13249086	T	0.075

rs6415707	G	-0.0389
rs112059936	A	-0.1392
rs138485997	T	-0.1459
rs11167094	C	0.0473
rs13257876	T	0.0339
rs7012730	C	-0.0851
rs28446468	G	0.2117
rs13250119	A	-0.0429
rs2874536	C	0.0329
rs1672182	C	0.0522
rs9657386	G	0.0354
rs7833903	G	-0.033
rs78866668	A	-0.14
rs56246320	G	-0.1469
rs141759402	A	-0.1268
rs143245260	A	0.142
rs4009125	G	0.0401
rs67687222	T	0.0505
rs73216474	A	0.0976
rs56336008	A	0.0511
rs73560030	G	0.0956
rs6468861	T	0.0319
rs146113710	G	-0.1871
rs1074584	C	0.0334
rs35122138	A	0.1744
rs6986714	G	0.0568
rs35228624	T	0.0682
rs2279970	G	0.0312
rs13272891	G	-0.0318
rs73239493	A	0.0837
rs11994803	G	0.0394
rs79203271	A	-0.1416
rs62519818	A	0.0391
rs73196716	G	0.2418
rs56343847	G	0.0382
rs6420181	G	0.0333
rs1488015	A	0.096
rs17242751	C	-0.0316
rs76614662	A	0.1018
rs118161772	C	0.1381
rs6986324	A	-0.2234
rs16919123	G	0.0534
rs17119951	A	0.0954
rs12545802	G	-0.0308
rs144124093	G	0.1239
rs10089272	G	0.0502
rs719256	A	0.0333

rs76411566	A	0.2409
rs117514299	G	-0.1584
rs56794209	T	0.0455
rs1483207	G	-0.0401
rs76942741	G	0.1763
rs13273587	T	-0.0874
rs7009113	A	-0.0927
rs146934838	A	-0.055
rs118081064	A	-0.1118
rs1809103	T	-0.1492
rs112849889	C	0.0976
rs111507808	C	-0.2381
rs4737727	T	0.1018
rs4330666	T	0.0383
rs75816225	T	0.1468
rs73235028	C	0.1215
rs118001605	A	0.1194
rs76626306	T	-0.0512
rs7005499	A	-0.034
rs145352011	T	-0.1078
rs10875476	G	0.0345
rs75655766	A	-0.1419
rs113222826	T	0.0908
rs10503445	C	-0.0591
rs7829238	G	0.2164
rs117243920	T	-0.1727
rs4872271	G	0.0471
rs13258239	G	-0.0635
rs118111239	A	0.1187
rs10504287	C	0.1408
rs11782558	G	-0.0479
rs76460838	G	-0.2086
rs76852278	A	0.1374
rs74640587	C	0.1434
rs10505609	C	-0.0375
rs7014510	T	-0.0474
rs79405121	A	0.1298
rs10093130	C	0.093
rs139269984	T	0.1833
rs144137330	G	0.2059
rs28770020	T	-0.0396
rs72677468	C	0.0757
rs2945741	T	0.0351
rs16876450	C	-0.0321
rs140486610	A	0.1359
rs13249916	T	0.106
rs56101456	G	-0.1018

rs76903343	G	0.1701
rs150171573	T	0.1773
rs113791969	T	0.055
rs1193314	T	-0.0341
rs2461341	G	0.0307
rs79785274	G	0.2347
rs3864670	A	0.0701
rs62527294	A	0.0899
rs117562813	C	0.0731
rs4452813	C	0.0575
rs75759704	A	0.0515
rs62507204	C	-0.0733
rs10098478	T	0.2649
rs2546229	A	-0.0499
rs58299989	T	-0.1257
rs996691	T	-0.0379
rs17802089	T	0.0593
rs58732181	G	0.0888
rs7831085	T	-0.0324
rs140649848	A	-0.1623
rs11780791	A	0.1807
rs72660971	C	0.0663
rs7836727	A	0.0331
rs79325284	A	0.1374
rs13251576	A	0.1491
rs7013414	T	-0.0625
rs1448707	G	0.0404
rs74522688	A	0.1074
rs72716802	T	0.0848
rs62510469	G	-0.0983
rs112686534	G	-0.133
rs112420524	T	0.1501
rs7821956	A	0.0419
rs72640355	A	-0.1738
rs144670068	A	0.1141
rs10100696	G	0.2541
rs1601394	G	-0.041
rs1487758	T	0.0314
rs4055059	C	0.0753
rs116919566	C	0.1586
rs7841443	A	0.1674
rs76070842	T	0.059
rs10100570	A	0.1628
rs76705785	A	-0.1855
rs56260433	C	0.0917
rs112129734	C	-0.0727
rs7815043	C	0.0343

rs4871030	A	0.0348
rs61467536	T	0.0866
rs16884409	C	-0.2028
rs147362561	G	0.1318
rs75531370	A	0.1199
rs16918831	A	0.0722
rs142162302	T	-0.14
rs7845446	C	0.062
rs117868843	C	0.1586
rs12546888	C	-0.1958
rs10094603	G	0.0412
rs2177324	A	0.1467
rs138777181	T	0.2567
rs73186908	T	-0.1513
rs2357493	C	0.0363
rs2116130	C	0.0323
rs73707131	T	0.1277
rs16918438	G	-0.1955
rs77087169	A	-0.1112
rs35835098	A	0.156
rs353713	A	0.036
rs111890737	C	-0.1621
rs1391116	A	-0.0488
rs143239990	C	0.1808
rs2958323	G	0.0403
rs116856439	C	-0.1145
rs113829080	A	0.2328
rs75780279	T	-0.0843
rs17118863	A	0.0339
rs80257811	A	-0.1979
rs62522694	A	-0.1362
rs8190893	T	-0.0664
rs4633091	G	-0.0348
rs12677932	A	0.0797
rs17585571	C	-0.0452
rs7825959	A	0.0521
rs785006	G	-0.0949
rs17121134	C	0.0527
rs16879085	A	0.0566
rs10098922	C	0.0314
rs146774913	A	-0.214
rs144818065	T	-0.0926
rs138489808	C	-0.0746
rs79732777	G	-0.2224
rs28886369	A	-0.0639
rs77193633	A	-0.0915
rs147007416	G	0.2194

rs144831397	T	-0.1483
rs17057312	A	-0.1903
rs9297402	C	-0.0687
rs76520959	T	0.1373
rs117010154	A	0.2119
rs118130724	G	-0.142
rs56343944	A	0.0338
rs118001413	G	-0.1859
rs74563865	T	-0.0698
rs148024950	T	0.0823
rs17344030	G	-0.0306
rs116932075	C	0.1075
rs35565482	C	-0.0435
rs150142783	G	-0.1505
rs139257354	G	-0.2123
rs146999950	T	-0.2136
rs405999	A	-0.0787
rs12678826	A	0.0591
rs10808622	T	0.0377
rs10104368	A	-0.0629
rs11995369	C	-0.0389
rs117849152	T	0.1241
rs118173614	A	0.1006
rs34236008	A	0.0532
rs11774849	T	-0.0359
rs10113430	T	-0.0443
rs6987520	C	-0.0501
rs71502542	C	0.0721
rs77536476	A	0.1315
rs72634929	T	-0.2247
rs116161424	G	0.0918
rs6472207	A	0.0356
rs333044	A	0.0315
rs1703960	G	0.0331
rs147340448	A	-0.1973
rs61083582	C	-0.0505
rs62532232	C	0.0586
rs117038064	G	0.2509
rs117285312	G	-0.215
rs2467997	A	-0.0345
rs7821020	C	0.0415
rs2721871	A	-0.0382
rs116975519	C	-0.1605
rs7014456	A	0.0827
rs77002082	A	-0.0667
rs17709642	G	0.1302
rs77574620	A	-0.0422

rs10504320	A	0.1098
rs7815102	G	-0.0341
rs2703264	G	-0.0368
rs112749864	A	0.1683
rs7825513	A	0.1372
rs116926500	C	0.0709
rs77983068	T	-0.1761
rs142560258	T	0.2898
rs12545570	T	0.1056
rs4427165	C	-0.0524
rs142626011	C	0.0898
rs77792321	G	-0.2061
rs28639498	A	0.0594
rs6558122	C	0.0407
rs7839411	G	-0.0723
rs79961145	C	0.0936
rs74874280	C	0.1356
rs150449216	T	-0.1782
rs60800787	T	-0.0699
rs2436099	A	-0.033
rs138991172	T	0.1736
rs2030479	T	0.0756
rs2437770	A	0.0335
rs76239895	T	0.0924
rs2460921	T	-0.0683
rs72725313	A	-0.1575
rs78085118	G	0.179
rs76644861	C	-0.0452
rs118157427	C	0.229
rs150448224	G	0.2395
rs6996492	T	-0.0381
rs72719170	T	0.118
rs2939979	T	0.034
rs16909746	T	0.0511
rs117690692	G	-0.1336
rs118043289	A	-0.1324
rs10105977	G	-0.1476
rs78648519	A	-0.0867
rs2981320	G	0.0346
rs4873429	T	-0.0408
rs7000710	G	0.0516
rs72724215	A	-0.1449
rs117574126	A	0.2419
rs4733389	C	0.031
rs2720659	A	0.0321
rs76847734	A	-0.2019
rs78726578	C	0.0588

rs111649132	T	0.1609
rs79116259	T	-0.0982
rs1879818	T	0.0335
rs77725453	A	-0.1516
rs9314312	T	-0.0322
rs7831997	C	-0.0374
rs11785500	G	0.0523
rs72714589	T	0.0816
rs6981525	A	0.0321
rs11997244	T	-0.031
rs74630609	G	0.0583
rs62509529	A	0.1177
rs10092266	G	-0.123
rs140174540	A	-0.1085
rs35106127	T	0.0744
rs7827566	A	0.042
rs13278335	A	-0.0354
rs151132699	G	0.1292
rs17694784	C	-0.1908
rs4732927	T	0.0799
rs77307652	C	0.0984
rs73281875	T	-0.1497
rs17063757	G	0.1088
rs56208516	G	-0.1548
rs10098917	T	0.1643
rs2948643	T	-0.0796
rs35745659	C	0.0499
rs73200950	C	-0.0581
rs16937356	C	0.1261
rs114614226	A	0.1512
rs4281089	T	0.1459
rs12544578	A	0.0312
rs111265646	G	0.1206
rs13256774	A	0.0382
rs13262824	T	-0.0747
rs143876639	C	0.0953
rs1982092	T	0.0299
rs73601434	T	0.0562
rs1035379	G	0.0328
rs71526263	T	0.2497
rs147085229	T	0.1923
rs75454689	A	0.1161
rs151046235	G	0.1001
rs139844922	C	0.1503
rs66644352	C	0.0345
rs75592514	G	0.0885
rs7833560	C	-0.0385

rs6468767	G	0.0414
rs78498017	A	0.1717
rs12680863	A	-0.0343
rs73205820	T	-0.1544
rs67847756	G	-0.0943
rs71516568	T	0.0306
rs113212036	A	0.0967
rs75074812	T	-0.0975
rs142043743	T	0.1237
rs7460496	T	0.1099
rs10107871	A	-0.2779
rs62523871	G	-0.091
rs76331441	A	0.0827
rs35638972	T	0.0402
rs10107206	A	-0.0504
rs1546002	T	-0.0318
rs12677602	G	0.0362
rs1383033	A	0.0413
rs2036273	A	0.0325
rs144035463	G	0.1873
rs188261	A	-0.0325
rs7004867	T	0.0666
rs13270289	A	0.0334
rs10481438	C	-0.0333
rs6991441	T	-0.0498
rs28623326	T	0.0322
rs16900659	A	0.0818
rs13255846	T	-0.0712
rs142002000	T	0.1812
rs3133729	T	-0.0436
rs62480073	C	0.0977
rs7831744	G	0.0365
rs17053711	A	-0.0353
rs10090158	A	0.0329
rs7825744	T	-0.0501
rs111502065	A	0.2655
rs7831946	C	-0.0869
rs17687019	T	0.1315
rs8191620	A	0.1206
rs1349114	A	0.0642
rs79202194	T	0.0531
rs7833292	G	0.0313
rs9644737	G	-0.0359
rs77726254	A	0.1616
rs13266649	A	0.0308
rs555601	A	-0.0867
rs10097144	A	0.0308

rs16910565	A	-0.0619
rs9657011	C	0.0312
rs113518217	T	0.1634
rs146150038	C	-0.1672
rs116948621	A	0.0683
rs67922122	A	-0.0903
rs1822203	T	-0.2185
rs7825368	G	-0.0299
rs78946431	A	0.1083
rs4272389	G	0.0576
rs117285145	A	-0.2122
rs12549649	T	-0.0437
rs73665371	A	0.0722
rs2472565	A	0.051
rs4871384	G	-0.0361
rs12682038	A	0.0324
rs144779892	T	-0.1106
rs75549213	G	0.0543
rs6997194	C	0.0306
rs1009699	A	0.034
rs279967	A	-0.0669
rs28463395	T	0.056
rs10504422	A	0.0528
rs62487728	C	0.0834
rs2604333	C	0.0342
rs35534695	T	0.0795
rs6993895	T	0.0424
rs827730	C	0.0414
rs117038455	T	-0.225
rs2440202	G	-0.03
rs4831251	T	0.0298
rs62523287	T	0.1424
rs17581453	G	-0.0501
rs1269716	G	-0.0346
rs72603988	G	0.1689
rs77529714	T	-0.1364
rs12549163	A	-0.0787
rs11778808	C	-0.067
rs117334462	G	0.1352
rs67650612	C	-0.0466
rs113182491	T	-0.1005
rs143415507	A	0.0879
rs78718058	A	0.2418
rs146714932	C	0.1655
rs28547420	C	0.1294
rs12544940	C	0.1124
rs1108710	A	0.0313

rs28657008	T	-0.0804
rs35860604	C	0.0918
rs10095656	T	0.034
rs483392	A	0.0301
rs307770	A	-0.104
rs73182234	A	0.0548
rs73175735	A	0.0955
rs6420158	A	0.1502
rs111614454	C	-0.0968
rs11990141	G	-0.094
rs11994326	G	-0.0788
rs12056942	T	-0.0441
rs7841174	T	0.0314
rs4298494	A	-0.0384
rs2217375	T	-0.0458
rs111647464	T	0.0746
rs10086105	C	-0.0327
rs79451365	C	-0.1681
rs6474300	G	0.0393
rs139653735	G	-0.0895
rs28811086	G	-0.0296
rs78937476	T	0.0559
rs17717580	C	0.1154
rs117223609	G	-0.2223
rs112041579	A	-0.1471
rs75340805	C	-0.0685
rs34407287	C	-0.0528
rs73170500	T	-0.0993
rs4737145	A	0.0468
rs13261706	T	0.0794
rs1436012	A	0.2258
rs147473752	T	0.1156
rs2511714	G	0.0328
rs57699438	C	-0.1408
rs201982	A	0.0722
rs73697569	C	0.1107
rs13275776	A	-0.0368
rs113168400	G	-0.1252
rs1373541	G	0.0321
rs10958318	T	-0.036
rs13272479	G	-0.1555
rs10100851	A	0.044
rs28380608	C	0.0531
rs57050661	A	-0.1011
rs36128721	G	-0.038
rs2514731	G	-0.0328
rs2622600	G	-0.0302

rs28646885	C	0.0317
rs13254554	T	0.03
rs73179590	C	-0.0815
rs11994754	C	0.0653
rs10464861	A	0.0421
rs139588964	G	0.1433
rs1317256	T	-0.0336
rs17639531	A	0.0671
rs7827466	C	-0.0417
rs74430681	T	0.0527
rs35605641	G	0.0481
rs762679	T	-0.0441
rs75675010	G	0.1232
rs147219680	G	0.2145
rs34383127	A	-0.0422
rs17402856	A	-0.0651
rs10955351	A	0.1124
rs78285053	A	-0.1118
rs3900401	G	0.0416
rs78661410	A	0.158
rs77642396	C	0.1599
rs4341178	A	-0.0482
rs71526988	A	-0.1644
rs72654942	C	0.0936
rs1369165	C	-0.0297
rs12547604	C	0.0348
rs10088702	T	0.0331
rs117146701	A	-0.1369
rs11774480	A	-0.0441
rs78845803	A	-0.1758
rs16888930	C	0.1179
rs77188179	T	0.2398
rs143541803	T	0.0973
rs4641091	C	0.0389
rs79310071	G	0.17
rs13274273	G	-0.1309
rs622765	A	-0.039
rs11989117	G	-0.0846
rs4921697	T	0.0304
rs118164941	A	0.1239
rs1357568	A	0.0344
rs72734203	A	-0.0764
rs149341110	T	0.1078
rs143312828	C	0.1014
rs73201850	C	0.1775
rs117118944	T	0.1408
rs77517669	A	0.2124

rs62502027	T	-0.05
rs12678463	T	0.0394
rs57117916	T	0.1507
rs10103019	C	-0.0387
rs10101413	A	0.1108
rs62517830	A	0.0492
rs1113708	G	-0.0845
rs13271784	G	0.0378
rs9325805	T	0.0298
rs10100188	G	0.0366
rs7842266	A	-0.0298
rs117525389	T	0.2298
rs141103756	T	-0.1904
rs12678875	T	0.0414
rs7815846	G	0.042
rs79711727	A	0.084
rs10106035	T	0.0574
rs16916616	T	-0.1495
rs7012649	C	-0.0304
rs113115394	G	0.1319
rs57108635	A	0.1405
rs77592395	G	0.0949
rs12681953	T	0.0294
rs117476566	T	-0.1528
rs10113333	T	-0.0396
rs77411000	G	0.209
rs147197943	C	0.0962
rs2934940	A	0.0481
rs3857953	C	0.0435
rs2947390	G	0.0334
rs112562561	A	0.0416
rs149432944	A	0.2105
rs4425753	G	0.0581
rs178021	T	0.2048
rs75656259	C	-0.1942
rs74464121	C	0.0584
rs7011536	C	0.0309
rs117525857	T	-0.1278
rs11250085	G	0.0403
rs78981378	A	0.1341
rs56997204	A	0.0892
rs113776200	A	0.1968
rs75921843	G	-0.0653
rs4033002	A	0.0965
rs118184704	A	0.2758
rs35167320	C	-0.0651
rs72655726	A	0.1134

rs113694456	A	-0.1476
rs10216581	T	-0.0341
rs62512790	G	-0.0482
rs28623233	G	0.0293
rs139887562	G	0.2464
rs10093549	T	0.0575
rs71514733	A	0.1215
rs147884095	T	0.1115
rs79243630	G	0.0859
rs2618466	C	0.1608
rs62531015	C	-0.0522
rs79566774	C	-0.1115
rs78932736	C	0.1274
rs4735777	C	-0.0817
rs2385296	C	-0.0288
rs7821595	G	-0.0295
rs4841601	C	-0.0317
rs117358294	A	-0.194
rs17355157	T	-0.0404
rs11985779	G	-0.0304
rs76812823	C	-0.1161
rs4736218	T	-0.0627
rs57328787	G	-0.1103
rs57190673	G	-0.0691
rs62532476	C	-0.0363
rs10113614	C	0.051
rs75445205	T	0.1171
rs150786311	G	0.2207
rs6982205	A	0.0442
rs7836205	G	0.0431
rs60741236	T	0.0364
rs34678715	A	-0.1086
rs59316904	C	0.0455
rs7845828	A	0.1004
rs6988831	T	-0.0568
rs113829180	T	0.0538
rs817250	C	0.1168
rs73192219	A	0.103
rs139913081	T	0.1016
rs55771603	T	0.0323
rs117630606	T	0.1433
rs2277137	A	-0.0527
rs12547787	G	0.0968
rs7821427	C	-0.0329
rs10096369	A	-0.0424
rs10108278	G	0.0317
rs79371289	T	0.0982

rs10099182	A	-0.0393
rs113555727	C	0.2453
rs6986899	G	-0.0309
rs999451	T	-0.052
rs17829629	A	-0.0352
rs12681639	T	-0.0383
rs73437656	C	0.1292
rs2222831	T	0.0343
rs138227457	T	0.2441
rs148458269	T	0.1069
rs7827900	T	-0.0809
rs7464466	G	0.0302
rs1079226	A	0.0495
rs79611771	C	-0.0871
rs77594100	A	-0.1235
rs75870656	C	-0.1125
rs7017671	C	0.0556
rs7014923	C	-0.0296
rs117333517	C	0.0877
rs140255290	A	0.1292
rs34995480	G	0.045
rs2853161	G	0.0288
rs7823876	G	0.0344
rs73204714	T	0.0485
rs1378049	A	-0.0468
rs1078778	A	-0.0442
rs4567030	A	0.0643
rs4074243	T	-0.034
rs147381996	G	0.1732
rs58568403	C	-0.035
rs138217258	T	0.2297
rs144755830	A	-0.2182
rs145755492	A	0.2172
rs118141587	C	-0.2833
rs75171385	A	0.0632
rs10113728	T	-0.039
rs13269679	T	-0.1539
rs143365634	A	-0.213
rs143867850	C	-0.1686
rs147013976	A	0.1175
rs62503286	C	0.1242
rs28642263	G	-0.0417
rs2588223	A	0.0317
rs78075620	A	0.202
rs116415326	T	0.0612
rs12544216	T	-0.0873
rs1559950	A	0.0723

rs3133625	G	0.0355
rs78804376	T	0.1081
rs75858659	T	-0.1522
rs4732799	T	-0.0293
rs1000038	C	0.2108
rs117460651	C	-0.1005
rs76601506	A	0.138
rs141632870	T	0.1055
rs6558946	C	0.0735
rs28688294	C	0.0352
rs74855612	C	-0.0619
rs10505435	A	-0.1742
rs118106671	A	0.214
rs77847087	A	-0.1519
rs112483795	G	0.079
rs117762155	T	-0.263
rs148721714	G	-0.0302
rs76026985	G	0.1585
rs78294689	C	0.1093
rs2044899	A	-0.0305
rs7007674	G	0.0918
rs4332130	A	0.12
rs138826942	C	0.2564
rs399123	C	-0.0333
rs17057611	C	-0.094
rs2724953	A	-0.0335
rs78502245	A	0.082
rs62505710	A	-0.1945
rs72678525	T	-0.0892
rs12114032	A	-0.0306
rs13249545	T	-0.0417
rs58999725	T	-0.1497
rs77906050	C	0.0739
rs76295536	A	-0.086
rs4421349	A	-0.0519
rs13254612	T	0.0631
rs2681533	T	-0.0394
rs907133	C	-0.0467
rs77835103	G	-0.1407
rs13262930	C	-0.0334
rs77373584	A	0.1475
rs35360341	A	-0.0538
rs4909633	T	-0.0426
rs144692869	C	-0.1522
rs58490506	A	-0.0874
rs111435793	C	0.0758
rs7462014	A	-0.0577

rs77214276	A	0.1685
rs73612863	A	0.1151
rs11996576	C	-0.0325
rs79711180	G	-0.1817
rs76839426	A	0.1034
rs16894717	A	0.1738
rs2627274	A	-0.1778
rs2513832	C	0.0333
rs475181	C	0.0362
rs2061847	C	0.0297
rs34152861	A	0.1079
rs118046494	T	0.2378
rs2044869	C	-0.0319
rs16894295	A	0.0654
rs4733604	T	-0.0854
rs72649637	C	0.0854
rs143806593	T	0.1845
rs4445223	A	0.029
rs73275578	C	-0.0867
rs113407587	A	0.0702
rs113926172	T	0.07
rs7827410	C	-0.0391
rs113729131	A	0.0707
rs7829347	C	-0.0507
rs148157999	T	-0.2024
rs2896654	G	-0.0526
rs9297638	A	-0.0812
rs140710331	T	0.1125
rs62485068	C	0.0905
rs2293851	C	-0.0364
rs144615666	G	0.1166
rs11784961	C	-0.2
rs10100563	A	0.0291
rs113287539	A	-0.1379
rs4503060	G	0.0468
rs2720679	A	0.1238
rs62520496	G	-0.1509
rs117129150	T	0.0881
rs7839016	G	-0.0836
rs7009917	C	-0.0432
rs79549616	G	0.1868
rs72649684	T	-0.0561
rs13278246	C	0.042
rs12541947	T	-0.0869
rs34547819	A	-0.1471
rs259854	C	-0.0321
rs72669030	C	0.1418

rs394226	C	0.0855
rs1595874	A	0.0332
rs11989948	T	0.0305
rs6558433	C	-0.0386
rs77264178	A	-0.0554
rs2853181	C	-0.2604
rs78916003	G	0.0988
rs4875583	T	-0.0451
rs79451156	G	0.0604
rs72712735	A	0.1196
rs13256965	G	0.0306
rs141443024	A	0.2304
rs7015645	T	0.1183
rs74630760	C	0.133
rs145000734	C	0.2003
rs62542336	G	-0.031
rs72658040	T	0.1141
rs116983913	C	-0.1305
rs74989464	C	0.0486
rs11994846	A	0.0531
rs112277589	T	-0.099
rs28406446	T	0.0485
rs17666	C	-0.0312
rs58485326	T	-0.1239
rs1501059	C	-0.0307
rs117754629	G	0.0753
rs62497505	A	-0.1285
rs146071260	A	0.153
rs10505334	C	-0.031
rs78482714	A	0.0818
rs71521808	A	0.12
rs6996471	A	-0.0359
rs117781901	C	0.1189
rs76540043	T	-0.1541
rs35723243	A	0.2516
rs117362020	A	0.1043
rs13272900	C	-0.118
rs16936623	A	-0.0298
rs7845189	C	-0.0483
rs78841698	G	0.0472
rs116877123	G	0.077
rs11781985	C	0.0351
rs4705	T	0.0309
rs117128341	A	-0.1163
rs17536700	T	0.2213
rs62527825	T	0.1036
rs79640982	C	-0.1018

rs118158207	G	0.2187
rs72554084	T	-0.1936
rs13258052	A	-0.0732
rs72672201	A	-0.1212
rs16915399	C	0.1159
rs2952194	G	0.0517
rs17089263	G	-0.0602
rs988030	G	0.0761
rs7840808	T	0.0349
rs144071354	C	0.0829
rs17201	C	0.0298
rs17820995	T	0.1511
rs77271347	A	0.1577
rs56316167	T	0.0547
rs148637999	T	0.1184
rs146440001	A	0.1282
rs74797588	C	-0.0865
rs117488866	T	0.0999
rs7017184	C	-0.0386
rs116950810	G	0.1417
rs75945431	T	-0.0807
rs10283377	T	-0.0757
rs9987294	A	0.0394
rs10481247	A	-0.0322
rs3935507	T	0.0385
rs2953807	A	-0.1158
rs145382059	A	0.1033
rs75662996	A	-0.0956
rs143681993	A	-0.1448
rs1028780	C	-0.0381
rs72687180	C	0.1297
rs16904946	G	0.1204
rs13279316	C	0.0341
rs74743427	G	0.1377
rs11778261	G	0.2268
rs4133395	G	0.0298
rs77755202	T	0.195
rs2729973	T	0.0471
rs56399711	G	-0.0387
rs74614220	C	-0.1697
rs117462705	G	-0.1183
rs75454421	G	-0.0987
rs2515143	G	0.0316
rs117576993	G	-0.1371
rs146676099	C	-0.1454
rs11787233	G	0.065
rs111779916	G	0.1921

rs149431918	T	0.1876
rs13249487	T	-0.0426
rs4460395	C	0.029
rs117651482	A	0.2027
rs75562940	A	-0.2091
rs73191715	G	-0.1155
rs4738846	T	0.0348
rs900114	T	-0.0298
rs10086012	G	0.0579
rs111380686	C	-0.1466
rs4266657	T	-0.0469
rs77872848	C	-0.0785
rs146662931	G	0.134
rs35112756	C	-0.0458
rs1472834	A	-0.03
rs17817279	A	0.0318
rs10217097	T	-0.1798
rs1482015	T	0.0286
rs117202965	T	0.1068
rs2178255	C	0.0397
rs111945929	A	0.0694
rs4272417	A	0.0364
rs73234665	T	0.113
rs76289489	C	0.2027
rs77946035	G	-0.1008
rs78935216	A	0.0558
rs112657549	T	-0.0692
rs149341501	G	-0.217
rs1586475	A	-0.0283
rs115706183	T	-0.2241
rs80200098	T	-0.1939
rs112910828	A	-0.1298
rs7836501	A	-0.0305
rs62486198	A	0.1136
rs147974720	A	0.0987
rs76078698	A	-0.0534
rs73211392	T	0.0735
rs73335605	T	0.0978
rs10109767	G	-0.0566
rs2600505	G	-0.1061
rs117315157	A	0.0988
rs73212544	G	0.0442
rs80019879	G	0.063
rs10100258	A	0.0298
rs143109089	A	-0.221
rs6989616	T	-0.0654
rs13257669	A	-0.0419

rs6984344	A	0.03
rs6986421	C	-0.0333
rs77709138	C	-0.1192
rs4872278	T	0.0292
rs77240165	A	0.1437
rs11783389	A	-0.1145
rs2705062	A	0.0587
rs138119556	A	-0.1048
rs13282872	G	0.0297
rs80187473	C	-0.0589
rs12549199	T	-0.0417
rs17750541	A	-0.0422
rs80150413	A	-0.1046
rs13257704	A	0.1155
rs56135204	T	0.076
rs73506343	G	0.076
rs34663620	A	0.1382
rs11166830	G	-0.1059
rs62520488	A	0.1356
rs7837537	G	0.0801
rs73723436	T	0.1105
rs4385482	C	0.0332
rs16870125	G	0.0786
rs79893608	A	0.1657
rs4628252	T	0.0302
rs17155244	A	0.0407
rs76780389	A	-0.047
rs117190982	T	0.0829
rs13255574	T	-0.0371
rs113931255	G	0.1599
rs2385523	C	0.0356
rs9314612	A	-0.0363
rs12544584	G	-0.206
rs17634200	C	0.0336
rs277023	T	0.0406
rs117721421	T	0.1092
rs62522663	G	-0.1227
rs7461066	T	0.1103
rs75655497	A	0.1345
rs4872436	C	-0.0417
rs1864728	C	-0.0294
rs11776870	T	0.0527
rs77997364	G	0.2083
rs28434525	A	0.0326
rs8190996	A	0.0285
rs118166083	A	0.1684
rs35530507	C	-0.0358

rs55644114	A	-0.0387
rs35194005	A	-0.0538
rs80038586	A	0.0349
rs481217	T	0.052
rs117505118	A	0.1869
rs143571427	A	0.1469
rs1160132	T	0.029
rs11782755	G	-0.084
rs6986887	C	-0.037
rs7465307	T	-0.0459
rs117559779	A	0.1289
rs77739461	A	-0.1903
rs76669344	T	0.1018
rs13262524	A	0.0958
rs76885486	G	0.1284
rs17741142	A	0.0673
rs76209777	G	-0.0705
rs72721959	T	-0.2414
rs2118566	A	0.0287
rs140292882	C	0.1477
rs36033686	C	-0.0338
rs28522410	T	0.0377
rs72692378	A	0.1319
rs117357757	T	0.1079
rs149861286	A	0.1944
rs10955567	A	-0.0359
rs56077934	A	-0.1358
rs13256028	A	0.0306
rs2843813	A	0.0351
rs74994552	T	-0.1652
rs117355339	A	-0.0782
rs2737206	T	-0.0283
rs4922065	C	0.037
rs2466432	G	0.0836
rs73220082	G	0.0346
rs2576576	A	-0.0317
rs16908717	C	0.041
rs73423928	A	0.1263
rs117764474	G	-0.0753
rs2439636	G	-0.0286
rs74571604	G	0.1458
rs142424780	G	0.173
rs117585615	G	0.0737
rs79200379	T	0.1313
rs7836482	G	0.0361
rs9314572	G	-0.0404
rs117697016	G	-0.0742

rs12544831	C	-0.0472
rs76991948	A	0.1806
rs74926318	A	-0.1215
rs7813255	G	0.029
rs6987016	T	0.0354
rs76288681	T	-0.1727
rs2325909	T	0.0323
rs4876026	C	0.0356
rs7844662	T	-0.031
rs75577417	A	-0.1529
rs75655161	A	-0.1867
rs112159085	C	0.1982
rs7844924	C	-0.0388
rs2740811	G	-0.0344
rs62477524	C	0.033
rs17088776	G	0.0719
rs2442756	C	-0.029
rs17740971	C	0.0525
rs75378245	A	0.0875
rs80292392	T	0.0825
rs7812803	T	0.0402
rs56189376	T	-0.0322
rs74355816	C	-0.1492
rs2686207	T	0.1268
rs35223597	G	0.1358
rs34939478	G	-0.0419
rs7843302	T	0.0391
rs75109210	A	0.0567
rs55946986	G	0.0895
rs28661866	A	-0.0363
rs17525603	T	-0.0429
rs72713108	G	-0.0933
rs16937745	C	0.2205
rs72606694	C	-0.0466
rs148898373	C	0.1467
rs4377988	G	-0.0293
rs140469942	G	-0.1128
rs4363163	A	-0.1838
rs78325106	C	0.0601
rs72676388	C	-0.1019
rs62524371	C	0.1695
rs6995422	C	-0.0412
rs41515047	A	-0.1461
rs10096102	C	-0.0285
rs149722275	T	-0.2772
rs2607614	T	-0.1124
rs62526514	A	-0.1382

rs3829018	A	-0.045
rs144280397	T	0.1283
rs72719812	G	0.2209
rs146561005	G	0.1643
rs7004029	C	0.0333
rs12543102	A	0.0967
rs17468697	C	-0.1413
rs117178289	T	-0.0915
rs78025577	T	-0.0971
rs140402092	G	-0.1141
rs62488532	C	-0.2016
rs4871408	A	0.0323
rs17155343	A	-0.0657
rs6471599	G	0.0344
rs117072659	G	0.0957
rs7835789	A	0.029
rs117286520	C	-0.1098
rs77476371	C	0.0844
rs7825128	G	-0.0517
rs77144145	C	-0.1497
rs62507455	A	0.0824
rs28571632	T	-0.085
rs74527265	C	0.1626
rs79373846	A	0.1042
rs79447136	T	0.1311
rs7826429	T	0.056
rs10109611	A	-0.0951
rs2042527	T	0.0544
rs4976858	G	0.0414
rs4588834	T	0.0335
rs113603691	G	0.1496
rs2449558	A	0.0419
rs75483357	A	-0.0871
rs17689740	G	-0.0605
rs6999156	C	-0.0495
rs151134343	T	0.0925
rs74709851	G	0.1314
rs77879746	T	0.2006
rs1000803	C	-0.0337
rs1545480	G	-0.0328
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rs13281743	G	-0.0413
rs10095847	G	-0.0439
rs2950345	C	0.0517
rs117076718	C	-0.1016
rs148004695	C	0.1343
rs11996036	A	0.0984

rs14375	G	0.0548
rs117927451	T	-0.1128
rs76844207	C	0.1333
rs28921423	C	0.0732
rs76426590	T	0.057
rs509479	A	-0.1424
rs78241729	A	0.1225
rs75129249	C	0.142
rs7387009	C	-0.0897
rs12545528	T	0.0291
rs10092130	A	-0.0374
rs922162	C	-0.0292
rs76309088	G	-0.273
rs77194201	C	0.099
rs74805031	A	-0.2852
rs17506603	G	0.0439
rs1963931	A	0.0319
rs116962581	G	-0.1889
rs79323736	A	-0.0618
rs35300584	C	-0.1833
rs10089111	T	0.0306
rs140468283	T	-0.1113
rs7817996	T	0.0471
rs72718565	G	0.0977
rs2128158	A	0.0456
rs7843243	T	0.0487
rs13262848	A	-0.0277
rs4736932	C	0.0314
rs60723194	G	0.065
rs117996576	G	0.171
rs72607381	T	-0.0622
rs7829174	A	0.0275
rs35244840	A	-0.169
rs12375342	C	0.1689
rs78992933	G	-0.0456
rs939024	A	0.0349
rs11782832	T	-0.0776
rs3105764	T	-0.0295
rs7013540	G	-0.0769
rs72715726	C	0.047
rs79682491	C	-0.1705
rs7821585	A	0.0395
rs117966479	C	-0.1109
rs118048740	A	-0.1715
rs56223946	T	0.0443
rs79028031	C	0.1659
rs7013231	G	0.0352

rs1004711	G	-0.0291
rs143550027	T	-0.1436
rs34927110	T	0.0642
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rs150306149	T	0.11
rs17395021	C	-0.0436
rs111545900	A	0.0862
rs10957157	A	-0.0711
rs12548824	T	0.0385
rs79911366	T	-0.2146
rs41491246	C	-0.0793
rs10100668	G	-0.0289
rs1531746	C	-0.0309
rs147971131	C	0.1248
rs13261404	G	-0.0393
rs73177099	T	0.1727
rs76111443	A	0.0898
rs117939940	G	0.1273
rs62489162	C	-0.0422
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rs376600	C	-0.0382
rs17428505	C	0.0359
rs7014150	T	0.1585
rs12542550	T	0.0293
rs118060646	C	-0.1204
rs72636133	G	-0.1638
rs66742107	A	0.0385
rs146487832	C	0.1608
rs7846428	A	-0.0283
rs80255771	T	0.2023
rs6472465	A	-0.028
rs112329866	G	-0.0305
rs139635417	A	-0.1145
rs113482477	T	0.2325
rs60336993	A	-0.0616
rs74647778	C	0.1588
rs73356971	A	-0.0695
rs17683475	T	0.1897
rs7012304	C	-0.029
rs77615252	C	-0.0838
rs117201049	A	0.1631
rs17466259	G	-0.0738
rs13280905	C	-0.0421
rs55910148	C	-0.1941
rs141805220	G	-0.266
rs870686	A	0.0706
rs77259059	G	-0.1858

rs72724622	T	0.0406
rs62509454	T	0.0941
rs117021828	T	-0.1592
rs2595608	T	-0.0644
rs1450169	T	0.2017
rs7829420	A	-0.0293
rs143600318	G	0.1487
rs7819311	G	0.0386
rs139275328	T	0.189
rs77143027	A	0.0983
rs10958423	T	0.0904
rs76775902	T	-0.1164
rs62524698	C	-0.0421
rs75455129	A	0.0766
rs7008984	C	0.0749
rs73375896	C	-0.0284
rs34350704	A	0.1977
rs76714824	C	0.1045
rs575485	A	-0.04
rs118016934	A	0.1543
rs9297291	T	0.036
rs74749675	G	0.0805
rs2154636	T	0.0293
rs1382606	G	-0.0272
rs117780551	T	-0.0935
rs1736128	A	-0.0303
rs74876351	T	-0.1529
rs36172208	T	-0.0471
rs7459993	A	-0.0292
rs76186904	A	0.1191
rs12682204	G	-0.0289
rs79743894	T	-0.2371
rs80093288	A	0.2056
rs62502896	G	-0.0918
rs28845834	C	0.0305
rs117700184	A	-0.1027
rs76923651	T	-0.0914
rs10081451	T	-0.1388
rs150741309	G	0.2266
rs7823055	G	0.03
rs12681551	T	0.0556
rs2736874	C	0.0325
rs10089568	A	0.0348
rs13281365	T	-0.0289
rs16937735	C	-0.0888
rs2725371	A	0.0306
rs138890563	G	0.2005

rs117431173	C	-0.1345
rs45499592	G	-0.1297
rs4739611	C	-0.03
rs117233299	G	0.2106
rs55680837	C	-0.0295
rs62518041	T	-0.1877
rs151330623	T	0.0775
rs75828035	T	-0.1193
rs145804220	T	0.18
rs113243095	C	0.0459
rs150448001	A	0.0874
rs35290916	T	0.0341
rs78620426	A	0.0467
rs2954870	C	-0.0315
rs1512350	T	0.1133
rs75855435	T	-0.0605
rs13255356	C	-0.0364
rs142728037	C	-0.0637
rs79638704	G	-0.0608
rs11780531	C	-0.0512
rs74452169	T	-0.1325
rs61453208	C	0.0702
rs4093060	C	-0.0316
rs117714848	A	0.1992
rs59231837	G	0.1321
rs9792276	C	0.0368
rs117783536	A	0.0764
rs327223	A	0.0496
rs114460530	T	0.1307
rs112711962	G	0.1737
rs112961365	T	0.1511
rs13266183	T	0.0325
rs62496856	A	-0.038
rs4733474	G	0.0561
rs117685538	C	0.1522
rs9643404	C	0.0345
rs140124539	A	0.1409
rs1995581	G	0.0281
rs17093318	C	-0.0373
rs6472435	T	-0.04
rs73510805	C	0.189
rs2672242	C	0.0797
rs6470197	C	0.0355
rs7003425	C	0.0281
rs7843029	C	-0.089
rs75908462	A	-0.0969
rs60618516	C	-0.0598

rs12676278	T	0.0291
rs2013743	C	-0.03
rs10100061	G	-0.0554
rs143201132	T	0.1108
rs2949552	G	-0.0525
rs2975842	T	-0.028
rs138603856	A	-0.1146
rs7000038	C	0.0409
rs35934750	T	0.1153
rs143667464	A	0.149
rs279654	C	0.0281
rs11990648	T	-0.054
rs4921662	T	0.0301
rs117203445	A	-0.2172
rs4472564	G	-0.1641
rs2256399	T	-0.1113
rs6577897	T	0.0296
rs6471427	C	-0.0427
rs58882531	A	-0.0702
rs115254148	A	-0.1787
rs62527483	A	0.1269
rs12544235	T	0.0609
rs10101549	T	0.1967
rs10503332	G	-0.0538
rs111962457	C	-0.1164
rs2451169	T	0.0427
rs16915825	A	-0.062
rs117862337	A	0.1574
rs7000433	C	0.0688
rs75141399	A	-0.1113
rs7836666	C	0.0605
rs72676268	G	-0.1743
rs734810	T	0.031
rs143256229	A	0.2021
rs10505082	A	-0.0367
rs10956658	T	-0.029
rs7817232	A	0.1373
rs7825233	T	-0.0279
rs10097488	T	-0.0285
rs11778564	G	0.0639
rs77732433	T	-0.0999
rs11774279	C	-0.0472
rs144799044	T	0.2666
rs10102508	C	0.1468
rs11785551	A	0.0286
rs6990554	A	0.0303
rs78359281	T	0.0753

rs9771722	T	-0.035
rs56215468	A	-0.0548
rs78834199	C	0.0385
rs7812739	C	0.0981
rs28548678	A	0.0295
rs59617265	T	0.0652
rs72678300	G	-0.0877
rs16935065	A	0.0372
rs7016463	G	0.083
rs112886087	G	0.0956
rs77471893	T	0.1543
rs151329299	G	0.198
rs837223	T	0.0293
rs1454286	G	0.0973
rs113456903	A	0.1645
rs11776856	C	0.0582
rs79245535	T	-0.1137
rs13274287	G	0.0277
rs67284756	G	0.0712
rs6983426	T	-0.0854
rs4870831	C	-0.0325
rs66610427	C	0.042
rs16892875	A	0.0507
rs118127421	C	0.1222
rs149186708	G	-0.1458
rs6469626	T	0.0286
rs7834854	G	0.0322
rs117235607	A	0.1671
rs9324495	C	-0.0655
rs681237	C	0.0268
rs143515957	A	0.1191
rs17746786	A	0.1107
rs17789792	A	-0.0635
rs3843561	A	-0.0343
rs73698833	C	-0.109
rs72663125	A	-0.1609
rs62488415	A	0.1334
rs148676356	A	0.1332
rs145219019	G	-0.1483
rs10087668	T	-0.0372
rs73211759	G	0.0969
rs6987534	C	-0.0282
rs142620742	T	-0.1664
rs17686482	C	-0.0501
rs144796111	A	-0.1515
rs74910267	C	0.0621
rs140554017	A	-0.0556

rs74647280	C	-0.0699
rs7003132	G	0.0573
rs112585504	G	0.0951
rs73219561	C	0.0737
rs78130013	A	-0.095
rs57618757	A	0.1036
rs77950751	G	-0.1072
rs146179386	T	-0.1265
rs7823749	A	0.0422
rs11781815	T	0.0439
rs34522868	A	-0.0272
rs72697630	T	-0.141
rs28525319	C	-0.0381
rs80167664	C	0.0606
rs72698418	A	0.186
rs998245	T	-0.0748
rs28379612	C	-0.0302
rs17446776	G	0.1219
rs6471299	C	-0.0273
rs73218373	C	0.1367
rs1388962	G	0.0324
rs4448269	C	-0.0397
rs143507943	T	-0.0866
rs7840123	A	0.0435
rs11203621	C	0.0279
rs10955809	T	0.0664
rs2248055	C	0.0278
rs4236879	G	0.0436
rs2922472	A	-0.0478
rs7844687	G	-0.0309
rs76106579	G	0.1072
rs6980991	G	0.0371
rs77456262	A	-0.0564
rs13248347	C	-0.0392
rs6998213	A	-0.0285
rs4909890	C	0.0282
rs10955804	A	0.0326
rs11987014	G	-0.0881
rs907157	A	-0.0271
rs16935265	G	-0.183
rs138416192	A	-0.1044
rs10100854	T	-0.0283
rs75366620	T	0.1813
rs12546509	A	0.1229
rs1431587	A	0.0289
rs79293945	G	0.1148
rs7830580	G	0.0277

rs966377	G	0.0303
rs11785858	G	-0.0395
rs7815953	T	0.0616
rs1992922	C	0.2772
rs118134214	C	0.1572
rs1968586	T	-0.0291
rs10956457	A	0.0783
rs6468435	G	-0.0648
rs138832344	T	0.1755
rs147393306	C	0.169
rs139832760	T	-0.1622
rs4740011	A	0.1393
rs150799317	G	0.091
rs80067469	A	-0.0581
rs1436764	T	0.0291
rs117361803	T	-0.1072
rs80215903	T	0.0924
rs117982327	C	-0.1026
rs75946320	T	-0.0676
rs7013529	T	-0.0378
rs1009613	C	0.0353
rs117303566	A	-0.1977
rs2235118	C	0.0425
rs10111325	A	-0.14
rs71523636	T	0.11
rs3763558	A	-0.0414
rs11779255	C	0.0727
rs80243363	C	0.2215
rs62494996	T	0.2509
rs79795616	T	0.1367
rs79116232	A	-0.1297
rs3808527	C	-0.0286
rs142749643	C	0.0966
rs77093115	T	0.1704
rs16904607	T	0.0484
rs12549116	A	-0.0342
rs28446884	A	-0.0635
rs118013367	T	0.144
rs150852246	T	0.1462
rs73667408	T	0.0611
rs140140770	T	0.1998
rs10101864	A	0.0475
rs140988706	A	0.138
rs57818049	A	0.0399
rs117005584	C	0.0843
rs115841192	A	-0.0684
rs76146139	C	-0.1665

rs117928169	C	0.2071
rs80238839	T	-0.2466
rs10105748	T	0.0443
rs16938860	T	0.1063
rs6988320	C	0.0305
rs4738021	A	-0.0294
rs17801727	T	-0.0279
rs76189808	G	-0.062
rs4634648	C	0.0904
rs117838679	A	-0.0626
rs139139904	A	0.1763
rs78760501	A	0.0618
rs10504946	A	0.0458
rs1293294	A	-0.0982
rs139423719	A	-0.2292
rs7812488	C	0.0409
rs117049070	G	-0.1647
rs138945704	T	0.2041
rs62489615	T	-0.1315
rs77669852	T	0.1446
rs4237104	C	0.0274
rs41394345	T	0.038
rs77157137	G	-0.0891
rs72680308	A	-0.0558
rs79221195	A	0.0893
rs78988782	A	0.1677
rs2083770	T	-0.0858
rs28663056	G	0.1176
rs1986407	T	0.0898
rs13277907	C	-0.0371
rs298204	C	0.0365
rs9643611	G	-0.0332
rs6992247	T	-0.0301
rs143682781	A	-0.0987
rs28621498	A	-0.0544
rs28651343	A	-0.0809
rs117901446	A	-0.1378
rs74983555	T	-0.1306
rs2958319	G	-0.0862
rs9644261	T	0.0425
rs4841660	T	-0.0378
rs7832044	G	0.1002
rs1499428	G	0.041
rs77492777	G	0.1963
rs12682316	T	0.0534
rs117021381	C	0.0969
rs62535164	A	-0.1265

rs4735441	C	0.0488
rs11786724	G	-0.0277
rs13250723	G	-0.146
rs116864849	A	-0.1011
rs11783921	T	0.0741
rs6558668	G	-0.0303
rs6997473	G	0.0606
rs72612129	A	-0.1206
rs141757548	C	-0.1739
rs1822063	G	-0.0306
rs113771453	A	-0.1316
rs17092214	C	0.0284
rs13281363	T	0.032
rs73309635	G	0.0916
rs61705694	T	0.0915
rs112524253	T	-0.1346
rs140013833	G	-0.1477
rs13267484	T	0.0329
rs4512391	C	0.0286
rs6990723	A	0.0807
rs2904658	T	0.0332
rs73625106	T	-0.0514
rs6999442	C	-0.0423
rs34650047	A	0.0416
rs2634526	T	-0.0326
rs17094690	T	0.169
rs2582778	T	-0.0273
rs117168948	C	0.1444
rs13260311	C	-0.0322
rs72632906	T	-0.0888
rs35000052	G	0.1026
rs60269841	G	-0.0907
rs2272613	T	-0.0658
rs117271894	A	0.1089
rs150661457	C	-0.1008
rs36007037	A	0.1379
rs7828209	C	-0.0314
rs10106995	T	0.0679
rs150679144	T	0.17
rs138777140	A	0.1626
rs145271123	A	0.1576
rs141296532	G	-0.0901
rs11995227	T	-0.0387
rs72723558	T	-0.1472
rs2664357	C	-0.031
rs74306769	T	-0.1208
rs55848761	A	0.0537

rs74811919	G	-0.0742
rs78396061	A	-0.1294
rs1976326	A	-0.0306
rs73269528	G	0.1474
rs80347717	T	0.1086
rs73595359	T	0.0295
rs7011015	A	-0.2356
rs775951	T	0.0375
rs58967664	C	0.134
rs13252986	C	-0.1106
rs141456505	T	0.136
rs34787478	T	0.1193
rs55758770	G	0.0531
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rs62520815	T	-0.0425
rs28622430	C	0.2397
rs62493308	C	0.0336
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rs17814124	G	-0.0375
rs79412231	T	0.0705
rs79634557	C	-0.1254
rs76010286	A	-0.1469
rs117936713	C	-0.2058
rs56854236	C	0.174
rs2977331	T	0.0444
rs12679494	G	0.0434
rs779106	A	0.0393
rs144175904	T	0.1445
rs1909936	C	-0.1044
rs72678111	T	0.0544
rs13276958	C	0.0278
rs16933666	A	0.0548
rs118038112	A	-0.1183
rs6986612	G	0.0269
rs13439668	G	-0.0752
rs10109243	T	-0.0581
rs145088029	T	0.2017
rs118061513	G	-0.1397
rs3136797	G	0.1739
rs2977372	A	0.1417
rs72721973	T	0.1317
rs78740295	T	0.1769
rs112397271	T	-0.11
rs75439501	T	-0.0716
rs75655575	G	0.1676
rs71522793	A	0.0288
rs13256770	C	0.1083

rs13265263	T	-0.0593
rs10081580	T	0.1975
rs75030020	C	-0.04
rs1028259	G	-0.0404
rs4738868	G	-0.0276
rs6999907	G	0.1037
rs3908203	T	0.0421
rs34352453	C	0.2107
rs115273363	C	0.0797
rs17735712	A	-0.0309
rs144537056	T	-0.1339
rs28680728	T	0.0745
rs1481850	A	0.0346
rs1374300	C	-0.1547
rs7829147	A	0.0289
rs10097822	A	-0.0337
rs138618273	C	-0.1339
rs10108954	T	0.0802
rs140389138	C	0.093
rs74807756	G	-0.1283
rs4416853	G	-0.0428
rs61016492	C	0.0353
rs117305468	T	-0.1832
rs12548182	T	-0.0275
rs78561947	A	-0.0415
rs10107716	C	0.0323
rs35011721	T	0.0628
rs112311683	T	0.0339
rs118134341	C	0.1352
rs6469501	T	-0.1249
rs79795740	C	-0.1423
rs117989507	C	0.173
rs6994664	G	-0.0312
rs17226545	T	-0.0277
rs2614081	G	-0.0365
rs73691300	C	0.0806
rs1864317	A	-0.0429
rs13258377	C	-0.0315
rs76580454	T	0.1265
rs10503333	T	0.0392
rs73525874	G	0.0852
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rs4998087	T	-0.031
rs17829237	C	0.0988
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rs56226488	A	-0.0457

rs6995842	G	-0.1233
rs1608994	T	-0.0531
rs4302849	A	-0.0297
rs2721293	G	-0.0294
rs6994937	G	-0.028
rs11778621	C	-0.0604
rs16899163	G	0.0354
rs66748173	A	0.0473
rs111875506	A	-0.1042
rs73672948	C	-0.159
rs2468671	T	-0.0319
rs71532389	T	0.0956
rs7006441	T	0.0604
rs62493795	G	-0.1421
rs409783	T	0.028
rs117528263	A	0.1282
rs74667217	T	0.1217
rs78148189	A	0.1164
rs76209506	A	0.0856
rs72663985	T	0.0717
rs141352946	T	0.106
rs16938240	A	-0.097
rs7836875	C	0.0291
rs2442572	C	-0.0261
rs2956648	A	-0.0266
rs6468874	T	0.0411
rs144251789	G	-0.1358
rs2256476	T	-0.0309
rs75810078	T	0.0961
rs13439625	G	0.0348
rs73345844	C	-0.0918
rs28752272	G	0.032
rs76656751	G	0.1032
rs2406686	C	0.0329
rs116904731	T	0.088
rs4831684	G	0.0261
rs2515037	G	0.0282
rs7828831	C	0.1046
rs117929068	T	0.1227
rs16887279	T	-0.1467
rs2703501	G	-0.0346
rs79928334	T	0.2364
rs112420249	T	-0.1931
rs35389370	T	0.1084
rs34604838	A	0.0848
rs28625850	C	0.0903
rs2930382	A	0.0273

rs76720866	A	-0.127
rs6998375	A	-0.0327
rs28538623	C	0.0287
rs79338460	C	0.1359
rs16892776	T	0.136
rs713536	T	-0.0299
rs9656783	A	0.1916
rs10093382	C	0.0325
rs6982080	T	0.0296
rs13281083	T	0.0295
rs995172	C	0.0981
rs10093778	A	-0.0342
rs34072568	T	0.0363
rs1012340	C	-0.0271
rs16895840	C	0.0363
rs118179494	C	0.1244
rs28372269	C	-0.0821
rs117227844	C	-0.1223
rs7006947	G	0.0314
rs143951775	C	0.11
rs4876254	G	-0.0314
rs117464928	T	0.1473
rs73241023	A	0.0335
rs78637700	A	0.1178
rs78789913	A	-0.1631
rs4641096	C	-0.0302
rs80270339	A	-0.0962
rs72672433	A	0.0882
rs73222568	T	0.115
rs142626063	G	0.0688
rs77913157	T	-0.0697
rs117216345	T	-0.0931
rs116904356	T	-0.1338
rs17442432	A	0.0706
rs111863524	T	0.138
rs16895287	G	-0.069
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rs72652622	T	-0.182
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rs637684	T	0.0278
rs74562439	A	-0.1075
rs73244373	G	-0.1011
rs2043376	G	0.0752
rs117034152	G	0.1181

rs2895820	G	0.0635
rs17242974	A	0.0669
rs117671651	A	-0.146
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rs117656436	A	0.0954
rs71524160	A	-0.087
rs4060542	A	-0.0314
rs13257594	C	0.0308
rs10105314	G	0.0469
rs11782155	G	0.0461
rs78607938	T	0.227
rs75638498	A	-0.2278
rs17413763	G	-0.0301
rs1961450	C	-0.0316
rs74613220	A	0.0902
rs77646490	A	0.1277
rs111787623	A	-0.3078
rs76066366	A	-0.1539
rs118023157	T	0.0392
rs118161136	T	0.1261
rs34907178	T	0.1574
rs12542611	T	0.04
rs11783334	T	0.0284
rs2945254	T	0.0539
rs10095792	C	-0.0338
rs80017101	A	0.2597
rs77215255	C	-0.0499
rs35177173	T	-0.0992
rs117753718	T	-0.1499
rs10503352	C	0.0478
rs78317802	C	-0.1561
rs11785212	T	0.0341
rs241148	T	-0.0342
rs3899796	G	0.0292
rs117900220	G	-0.2184
rs75156433	G	0.1341
rs113254485	T	-0.0865
rs12548036	T	-0.0272
rs2022982	C	-0.029
rs12682293	A	0.0265
rs112639446	A	0.136
rs13261309	A	0.0273
rs77889460	C	0.0686
rs59363340	T	-0.0397
rs76987852	G	-0.1078
rs10110355	G	-0.2229
rs13255639	T	-0.056

rs140319256	A	-0.1295
rs12680630	G	0.0332
rs56250442	C	-0.028
rs59107076	A	0.1634
rs6992115	C	-0.0282
rs113636140	T	0.1036
rs2736322	T	0.0436
rs13281193	A	-0.1306
rs117569266	A	-0.0956
rs77462478	A	0.1611
rs149406788	C	0.072
rs117283755	A	0.1693
rs62474695	A	0.0945
rs62512811	A	-0.1324
rs79540982	T	-0.0977
rs12549623	T	-0.0735
rs4737190	A	0.0488
rs13270564	C	0.0264
rs687324	C	0.0267
rs13257637	A	-0.0274
rs7813822	C	0.1258
rs11993875	T	0.1335
rs77343608	T	0.1663
rs74724758	G	-0.0569
rs7008059	C	0.0577
rs113423866	C	0.1389
rs76892164	A	-0.1081
rs1257820	T	0.0678
rs7003636	A	0.0604
rs72712465	T	-0.0672
rs80228109	A	-0.1624
rs74841075	A	-0.0768
rs67415647	T	0.0415
rs2513852	C	-0.0293
rs5025867	T	0.0396
rs4128412	A	0.0289
rs4554446	T	-0.0612
rs117174860	C	0.219
rs35755521	C	-0.1198
rs117473134	T	0.1082
rs1480390	T	0.0582
rs2446440	A	-0.0301
rs78173877	T	-0.1566
rs117190561	T	0.1276
rs73331791	T	-0.0783
rs143625312	G	-0.1021
rs4870858	T	-0.0287

rs16922400	T	0.1087
rs59217267	A	0.1218
rs112238140	T	0.0895
rs2844264	A	0.0391
rs62502892	G	0.0368
rs112097149	G	0.1197
rs75586786	A	0.1461
rs12543579	C	-0.0661
rs201981	T	0.0259
rs117953094	A	-0.0913
rs138592102	G	0.1139
rs71525437	C	0.0493
rs17453707	A	-0.1521
rs115200535	T	-0.1846
rs7387833	A	0.0746
rs35958942	G	0.1969
rs72731690	A	-0.0758
rs28513844	G	-0.0337
rs13248986	C	0.1986
rs417545	A	0.1087
rs4921719	A	-0.0273
rs12675986	T	-0.0491
rs116985643	C	0.0749
rs76129372	T	0.0513
rs117910839	A	0.0844
rs143236393	A	-0.1646
rs77040319	A	0.1335
rs1866348	G	0.0413
rs10090884	C	-0.0491
rs28741083	T	-0.1483
rs148655046	C	0.2299
rs75831067	C	-0.0957
rs12541415	G	-0.1935
rs77968050	C	0.1608
rs7832654	G	-0.029
rs72652529	A	-0.1383
rs17072952	G	0.2014
rs2409700	T	0.0695
rs6983137	G	-0.0939
rs149314092	T	0.1938
rs185852	A	0.0321
rs2945734	C	0.0267
rs142555195	A	-0.1335
rs16890665	A	0.0392
rs561255	A	-0.0396
rs149717164	A	0.0473
rs75063305	A	0.0685

rs6578240	T	0.0311
rs17669712	G	-0.1337
rs979954	T	0.156
rs74834863	A	-0.1667
rs1424875	T	0.0268
rs117811898	T	-0.1396
rs7845120	C	-0.0272
rs117692299	A	-0.1416
rs76746055	G	0.0413
rs117405146	T	0.094
rs146169443	T	0.1113
rs73715503	G	-0.093
rs117702836	A	-0.1039
rs74996221	T	-0.1483
rs7016917	T	-0.059
rs7465508	G	0.0466
rs12545129	T	0.0441
rs74834368	C	0.1027
rs16904846	C	-0.1497
rs1595136	C	-0.1149
rs118189071	A	0.0915
rs78722679	C	-0.177
rs11136745	G	0.0351
rs1563399	A	0.0292
rs141019354	C	0.0905
rs79227958	G	0.063
rs7834413	C	0.0314
rs10103652	C	0.0266
rs10091958	A	0.1139
rs28727988	T	0.1076
rs117892289	G	-0.1583
rs75248740	T	0.1047
rs72671165	A	0.0815
rs10505429	T	0.0332
rs142660913	A	-0.2274
rs10098876	A	0.1511
rs80048298	C	-0.1547
rs13282727	A	0.0276
rs28404625	C	0.1327
rs75877530	A	0.1167
rs13261413	T	0.0265
rs72733662	T	0.065
rs62496287	T	-0.1441
rs2430780	T	-0.0278
rs34666638	G	0.087
rs35053509	T	-0.0301
rs62491924	C	-0.0338

rs73211808	T	-0.0631
rs76231068	A	0.1103
rs13263998	C	-0.0552
rs4736563	C	-0.0281
rs13276266	T	-0.0558
rs12676246	G	-0.029
rs293888	T	0.0264
rs2856803	T	-0.1726
rs78772651	A	0.1256
rs13261011	A	0.0314
rs79273666	C	0.0777
rs11579	A	-0.0266
rs1866699	C	-0.0449
rs7828912	G	-0.0291
rs143283392	C	-0.1059
rs2645438	C	0.0261
rs3802261	G	0.0323
rs148336595	T	-0.1078
rs148101303	T	-0.1253
rs56362701	T	-0.0256
rs35080682	G	0.0627
rs115662107	T	0.0791
rs117224359	A	0.0908
rs1545314	A	0.0337
rs6601591	C	-0.1074
rs112442251	T	0.0838
rs117395379	A	0.0969
rs62499265	T	-0.0795
rs11777693	A	-0.1081
rs114955412	C	0.155
rs78972950	C	0.0556
rs72655617	A	0.1315
rs148666298	A	0.1098
rs7013543	A	-0.0274
rs117559771	T	-0.1274
rs140080376	A	-0.1545
rs13274763	A	0.0276
rs72663465	A	-0.1471
rs7831510	T	0.0522
rs13267101	T	-0.042
rs74693171	A	0.1466
rs4870870	T	0.0595
rs979728	T	-0.0294
rs10108139	C	-0.0266
rs6981350	C	0.1799
rs117962464	C	0.1203
rs149875881	A	0.1594

rs1235759	T	-0.026
rs150611641	T	-0.1524
rs111648015	T	0.0804
rs141641517	C	0.0927
rs13278083	G	-0.075
rs10105611	T	0.0283
rs28661290	G	-0.0387
rs146826266	C	-0.1656
rs79557883	T	-0.1512
rs12674732	C	-0.0264
rs16889288	G	-0.0309
rs78116359	T	-0.1214
rs9886368	A	0.0404
rs7820468	T	-0.042
rs12114416	A	-0.0945
rs76011793	A	0.0696
rs12546154	G	0.1599
rs13249960	G	-0.0262
rs141524391	A	-0.1256
rs142163903	T	0.1069
rs77106431	A	0.0591
rs2168669	A	0.0693
rs28469851	T	-0.0881
rs79438271	A	-0.1059
rs4831776	C	0.06
rs116976925	G	-0.0816
rs72688133	A	-0.1268
rs118103730	T	-0.1147
rs73368810	A	0.0826
rs111790132	T	0.2103
rs11775759	G	0.0288
rs79304717	C	0.1041
rs113054717	A	0.109
rs11990011	C	0.0426
rs75320558	G	-0.0399
rs1370568	G	0.0369
rs11997169	C	0.0386
rs117773946	A	0.2043
rs12681266	T	-0.0316
rs2430802	A	-0.0288
rs10109440	A	-0.0585
rs117450253	T	0.161
rs79434935	A	-0.1203
rs1960439	A	-0.0292
rs73711273	G	0.0476
rs2527761	C	0.0283
rs76544478	C	0.0717

rs17128476	C	0.0685
rs55635314	C	0.041
rs7827048	C	-0.0307
rs7836937	G	0.0262
rs77261274	C	-0.0305
rs6996970	A	-0.03
rs72674150	T	-0.1681
rs4075832	G	-0.0425
rs116947122	G	-0.0523
rs1620703	A	-0.0276
rs117102712	G	0.114
rs72665767	A	-0.181
rs142594166	A	0.1424
rs4602904	A	0.0324
rs13439599	T	0.146
rs7835387	C	-0.028
rs80248152	C	0.1199
rs2616493	G	0.0292
rs4625015	T	-0.0651
rs2357508	A	0.0264
rs10094346	A	0.1443
rs12677849	C	0.0318
rs35114037	T	-0.0331
rs116960898	T	-0.1434
rs10090053	G	-0.0267
rs6991633	A	0.0411
rs117412130	C	0.1125
rs117732037	G	-0.1225
rs117368080	G	-0.0894
rs145852973	C	0.1329
rs72676437	C	-0.1343
rs62518047	T	0.2336
rs7829269	T	0.1539
rs72667248	G	-0.0501
rs138784168	T	-0.1701
rs71517716	T	0.1832
rs7350140	T	0.0308
rs72655677	A	-0.0728
rs11984790	A	0.3245
rs55822847	T	-0.0789
rs11775335	T	-0.0284
rs17053593	G	-0.0389
rs12682591	C	0.031
rs150460687	A	-0.1094
rs145629257	T	-0.1009
rs112997956	A	0.1299
rs74831260	A	-0.074

rs7843708	C	0.0975
rs4072420	A	0.0647
rs141228350	T	0.0965
rs147914524	C	0.1057
rs59926069	T	0.0472
rs58506399	G	0.2136
rs55779207	A	-0.038
rs114435502	A	-0.0769
rs7013619	T	-0.081
rs7816981	C	-0.1446
rs73179662	A	-0.0706
rs1470994	A	0.0252
rs143389686	A	-0.131
rs2623177	T	0.0312
rs79100905	G	0.1199
rs4244464	A	0.0732
rs117463332	C	-0.0883
rs112860381	C	-0.0716
rs117349571	C	0.0793
rs6990004	T	-0.0272
rs113904818	T	0.0515
rs111248396	A	-0.0837
rs9465	T	0.084
rs6996320	G	0.0268
rs75086048	G	0.0681
rs2189145	T	-0.0272
rs141246066	A	0.0742
rs2278153	A	-0.0349
rs2514840	A	0.0271
rs58498752	A	0.0458
rs1477542	C	-0.0626
rs500458	T	0.0337
rs17827642	T	-0.0275
rs139286242	G	0.1212
rs74755635	C	0.1074
rs1003316	T	0.0337
rs310370	G	-0.0267
rs117507643	C	-0.1386
rs149381655	G	0.1397
rs79227762	T	-0.1201
rs11785484	A	-0.1913
rs10780146	G	-0.0355
rs11776551	T	0.0278
rs73683422	A	0.0711
rs17667995	G	-0.1636
rs11986857	G	0.0557
rs73223780	A	-0.0563

rs4733001	C	0.1178
rs13271337	C	0.0305
rs72664872	A	-0.0333
rs13257779	C	-0.0262
rs11786009	G	-0.0316
rs13251901	G	-0.0394
rs79282858	C	-0.0488
rs13279782	T	0.0966
rs58993787	G	0.0451
rs34113671	A	-0.0787
rs149411269	G	0.0961
rs17280878	A	0.0989
rs73300997	G	-0.0491
rs141528311	A	-0.1092
rs7812365	T	0.029
rs73214701	T	-0.1147
rs111719675	A	0.029
rs10087561	T	0.0266
rs2725732	T	0.038
rs4871867	C	0.0262
rs10503752	C	0.035
rs74303387	C	0.1134
rs1550210	G	-0.0317
rs6468507	C	0.048
rs1900078	T	0.0351
rs4517092	C	-0.0756
rs2721096	G	0.0261
rs143341462	C	-0.1226
rs34015944	T	-0.1385
rs2466174	A	-0.0971
rs117090412	C	0.1071
rs75105244	A	-0.1394
rs16937365	A	0.1035
rs6470275	A	-0.0299
rs73191748	G	-0.0432
rs2451114	A	-0.0498
rs11784575	A	-0.0627
rs11204058	G	-0.0275
rs4386984	T	-0.0299
rs2919383	A	-0.0307
rs10106158	A	-0.111
rs2036032	G	0.025
rs28528251	A	-0.0852
rs2270409	A	0.0301
rs117841876	T	-0.1872
rs111498734	A	0.0755
rs116979294	G	-0.1431

rs149848692	A	0.0681
rs77771373	A	0.1926
rs113702129	C	0.1918
rs4875412	A	-0.0618
rs1264202	A	-0.0255
rs62516023	G	0.0976
rs138892153	G	0.1818
rs6986036	T	0.0266
rs12541654	G	0.0296
rs13273572	T	-0.039
rs140281816	G	0.1163
rs111462225	A	-0.1131
rs62501780	A	-0.0356
rs72691613	A	0.0376
rs7007410	C	-0.0318
rs77900161	T	-0.136
rs112001066	A	-0.0606
rs140499763	C	0.0993
rs7826753	G	-0.0258
rs78053255	T	0.1907
rs17265470	C	0.0693
rs62522824	C	-0.11
rs117456419	A	-0.1044
rs10110032	T	-0.0603
rs4733476	C	0.0288
rs77136038	T	-0.1155
rs11990827	C	-0.1616
rs111366114	A	-0.1683
rs117098989	T	-0.0568
rs113794204	G	-0.0614
rs11990826	C	-0.0659
rs28621035	G	-0.0335
rs113782948	A	0.047
rs16898687	T	0.0521
rs142456404	G	0.151
rs17066715	C	-0.1172
rs11998012	C	-0.0311
rs58916587	A	0.0649
rs72671150	G	0.0549
rs34905692	T	0.064
rs139982986	T	-0.13
rs7818819	G	0.0268
rs117870791	A	-0.1401
rs73337000	A	0.1085
rs9644128	C	0.1343
rs76319558	T	-0.1047
rs148271870	A	-0.1239

rs2976898	G	0.036
rs117090971	A	0.0887
rs7822971	T	0.1417
rs7012001	A	0.0313
rs13281956	A	-0.0262
rs117458739	T	-0.0867
rs10106072	T	0.0523
rs11993374	T	-0.0269
rs62519928	A	0.0971
rs77510805	G	-0.1082
rs35420171	A	0.0805
rs6983636	T	-0.0368
rs10956864	A	-0.0271
rs10955084	C	-0.0257
rs4559217	T	0.0251
rs55806773	T	0.0307
rs13272725	G	0.0744
rs2732997	T	-0.0286
rs137962622	G	-0.108
rs190932	G	0.0267
rs10098179	T	0.0261
rs139818304	C	0.155
rs118143195	T	-0.0448
rs72660336	C	-0.1307
rs9298004	C	0.0272
rs77233704	G	-0.0958
rs11562802	A	-0.0519
rs13439830	A	-0.0253
rs73205441	G	-0.1173
rs7014937	T	0.033
rs2599712	T	-0.0448
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rs2466233	A	0.0324
rs78164133	G	-0.0563
rs139520299	C	0.1585
rs77783772	T	-0.0933
rs140805240	C	-0.1013
rs62518593	A	0.056
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rs10086362	G	-0.0289
rs117163213	A	0.1487
rs11250031	G	-0.0282
rs117671767	A	-0.1318
rs4304324	A	-0.0335
rs117200953	C	0.0808
rs76925816	C	-0.1366

rs117176017	G	0.0933
rs74302406	G	0.0693
rs13274395	C	-0.0301
rs17091325	A	-0.0432
rs77748004	A	0.1318
rs12544883	G	-0.0789
rs113455062	C	0.1322
rs117134903	G	-0.1047
rs141008215	G	-0.0906
rs117437033	T	0.2013
rs62523002	G	-0.0378
rs12115052	A	-0.0254
rs6991234	T	0.0301
rs62516075	A	-0.0355
rs10957993	T	-0.0286
rs10109406	C	-0.0361
rs35567863	T	0.038
rs4872542	C	-0.0573
rs35332304	C	-0.138
rs6990948	G	0.0792
rs1612273	A	0.0387
rs4739049	A	0.0282
rs2978125	A	0.1565
rs77228953	A	0.1402
rs143285252	T	0.1415
rs116692788	T	-0.0432
rs10086451	C	-0.0808
rs35431058	C	-0.031
rs11203999	G	0.0372
rs75554284	T	-0.0863
rs62494479	A	-0.0967
rs9694405	A	-0.0468
rs79067368	C	0.1397
rs6987817	G	-0.0456
rs12718385	T	-0.03
rs35815917	G	-0.0313
rs72664865	A	0.1051
rs116899753	T	0.164
rs77853555	A	0.1429
rs1871545	A	0.0957
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rs7816996	A	0.0338
rs2137278	C	0.0311
rs79078566	C	-0.1353
rs6473476	G	-0.0296
rs77983284	A	-0.0726

rs73686528	C	0.0724
rs79432344	G	-0.1129
rs78519202	T	0.2117
rs79854932	A	-0.1331
rs112021791	T	-0.156
rs74785237	T	0.0716
rs77878899	A	-0.1107
rs75081627	C	-0.0687
rs73678324	G	-0.0626
rs117941871	C	0.0927
rs2022925	A	0.0251
rs7002466	C	-0.0643
rs2319215	G	-0.0292
rs4078541	G	0.0314
rs17476242	G	0.0248
rs10504445	C	0.0414
rs149683971	C	0.0372
rs62531913	C	0.0619
rs117650608	C	0.0812
rs77152039	C	-0.0849
rs17057357	A	-0.1201
rs77883609	C	0.0842
rs76480365	C	-0.0635
rs2932223	T	0.0303
rs77534581	T	-0.0356
rs17723724	T	0.0765
rs112908219	T	-0.0935
rs76814197	G	-0.0591
rs56165549	C	-0.0372
rs17643923	G	0.1088
rs112447003	A	0.1264
rs117815057	T	-0.1081
rs2681543	T	0.0291
rs1972440	A	-0.0256
rs72667937	G	0.0456
rs117157813	A	-0.0834
rs117565321	T	0.1761
rs2929564	G	0.0646
rs117323163	G	0.104
rs12547827	T	0.0423
rs4512397	A	0.0311
rs10105736	G	-0.1061
rs16901028	G	-0.0626
rs117774850	C	0.0988
rs1368536	A	-0.0742
rs139020749	A	0.1069
rs79690823	C	-0.107

rs144029345	C	-0.1495
rs77967818	G	-0.1266
rs118092529	A	0.1239
rs140146352	A	-0.2211
rs2173214	C	0.0389
rs75661983	C	-0.0845
rs74989339	T	-0.1792
rs7829308	G	0.0351
rs73408714	A	0.0736
rs150498327	T	-0.0848
rs4240650	A	0.05
rs17366372	G	-0.0429
rs147646536	C	-0.1405
rs16939186	A	0.0494
rs73596982	T	0.0799
rs4472548	G	-0.0267
rs113039803	G	-0.1135
rs78793166	G	-0.0644
rs76496694	C	-0.0428
rs76531897	T	0.2118
rs73207116	T	-0.0508
rs74593167	T	0.1423
rs117192105	T	-0.157
rs34948585	G	0.0317
rs10504435	C	0.1032
rs79844542	A	-0.1613
rs138829990	T	-0.1028
rs35042319	T	0.0339
rs13249935	C	0.0285
rs77265424	G	0.0512
rs7827156	C	-0.0444
rs78738037	T	0.1536
rs1485493	T	0.0502
rs117309096	T	-0.1343
rs71521346	T	0.1218
rs75859996	G	-0.0675
rs72724634	C	0.094
rs71532103	A	-0.072
rs76005773	G	0.0662
rs75800361	T	-0.1082
rs7009592	T	-0.0263
rs62530512	A	-0.0291
rs348180	G	0.0245
rs117229513	G	0.1667
rs56116637	A	-0.1271
rs1864673	G	0.0273
rs139725894	T	-0.1625

rs6983250	A	0.0264
rs7815612	G	-0.1638
rs74934596	A	-0.0972
rs11783338	T	0.0248
rs2292927	T	0.0318
rs17695653	T	0.0939
rs1353645	T	0.0406
rs16902875	A	0.0672
rs1509838	G	-0.0338
rs137912901	C	0.1614
rs111570122	T	-0.1089
rs62516822	T	-0.1404
rs116997115	C	0.1038
rs1376786	A	0.0407
rs34820884	C	0.0746
rs73537146	C	0.1247
rs28568442	A	0.0248
rs6981828	C	0.0278
rs7818300	A	-0.0271
rs3735782	A	-0.0244
rs80053869	G	0.0685
rs17664823	T	-0.0288
rs13273465	T	-0.031
rs6987418	C	0.0283
rs34222040	T	0.0678
rs7843237	T	-0.0291
rs10956464	T	0.073
rs2929975	C	-0.0255
rs78121726	T	-0.0674
rs3122671	G	0.0412
rs3134010	C	0.0291
rs2513931	T	0.0641
rs333052	C	0.0314
rs7465520	G	-0.0363
rs118055385	A	0.1092
rs10086267	A	-0.0636
rs2272722	C	0.0463
rs3924504	T	-0.0305
rs902832	G	-0.0256
rs73176298	G	0.0762
rs139180014	A	0.0909
rs6997762	T	0.0462
rs77355867	C	-0.0609
rs59801655	A	0.0413
rs16880675	A	0.1042
rs80078460	G	-0.0688
rs114717711	T	-0.1619

rs7844608	T	-0.056
rs10101252	C	0.0421
rs17069371	C	-0.0349
rs73182986	A	-0.0332
rs78976465	A	-0.0558
rs145075869	G	-0.0892
rs41495145	T	0.0939
rs77791080	C	0.0508
rs13280625	C	-0.0495
rs117458693	C	0.134
rs13269698	A	-0.1347
rs114323395	A	0.0778
rs113698072	T	-0.0597
rs2922789	A	0.1715
rs35868821	A	0.0678
rs4333553	A	-0.0255
rs78231981	T	0.0993
rs117994398	A	0.1127
rs140530472	A	0.1308
rs2248178	A	0.0347
rs17694217	T	0.1983
rs77612665	G	-0.0936
rs3824319	G	-0.0251
rs148527937	C	-0.1241
rs79275231	A	0.0564
rs366946	C	-0.08
rs72679153	G	-0.0718
rs117920290	T	-0.1615
rs117514636	T	0.0439
rs75112574	T	0.0877
rs62508166	A	0.0377
rs79117436	A	0.2197
rs77107575	G	-0.132
rs111994531	G	-0.1458
rs76389793	C	0.1275
rs4733997	T	0.0266
rs877350	C	0.0447
rs80288017	A	-0.0475
rs2722892	C	0.1617
rs3099399	A	0.0877
rs2954624	T	-0.0302
rs4376526	G	-0.0272
rs117900869	A	0.1411
rs72673319	C	0.0508
rs117864166	A	0.1732
rs4909455	A	0.0273
rs77532437	G	-0.1157

rs62517289	T	-0.0374
rs7838511	G	0.0297
rs62512675	G	0.0378
rs6474427	C	0.0281
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rs79660872	A	0.0681
rs777710	T	-0.0311
rs7464508	G	-0.0245
rs28525255	G	-0.0384
rs118013819	G	-0.0871
rs10113059	A	0.0479
rs2045642	T	0.0444
rs2554595	A	-0.0286
rs3134373	A	-0.0246
rs76789427	C	-0.1753
rs78866869	G	-0.1171
rs9693223	T	0.025
rs144884961	G	0.1544
rs11547126	T	0.1446
rs10096825	C	0.0267
rs142678165	A	0.1401
rs12541997	G	-0.1554
rs144786085	C	-0.1281
rs2979484	A	-0.0281
rs74420844	C	-0.0537
rs4831403	C	-0.0255
rs79351823	T	0.0881
rs6469096	A	-0.0382
rs143597240	A	0.1685
rs72507658	A	-0.0984
rs142406084	G	-0.2192
rs77715387	T	0.0779
rs11786101	G	0.0277
rs3864678	A	0.0408
rs112743951	T	-0.156
rs6471365	C	0.0287
rs117340040	C	0.0716
rs2173418	A	0.0269
rs12156198	G	-0.0271
rs1395310	C	-0.0952
rs41387254	G	-0.0882
rs140913920	C	-0.1077
rs12543164	C	0.0395
rs17186334	G	-0.0908
rs76831404	G	0.0842
rs116997291	T	-0.0998
rs6999366	T	-0.0262

rs141877273	A	0.1477
rs116872468	G	-0.1199
rs62497337	C	-0.0297
rs140113659	T	-0.2
rs113449565	T	-0.0475
rs73602026	A	-0.0721
rs10113516	G	-0.0387
rs7388583	A	0.0406
rs77481455	G	-0.1211
rs62521398	G	-0.0931
rs7823750	C	0.0333
rs2360763	T	0.1751
rs7462759	A	0.0697
rs45613133	A	-0.0489
rs117500122	C	-0.1111
rs11785552	C	-0.0417
rs144102129	T	-0.0396
rs10866963	T	-0.0244
rs2291574	C	-0.0247
rs12541917	T	0.0567
rs10113610	A	-0.0693
rs2436947	A	0.1225
rs72641806	G	-0.1265
rs16868968	C	0.0619
rs75500211	T	0.0893
rs13439491	T	-0.0321
rs116915897	T	0.0749
rs28736816	T	0.0265
rs75524957	G	-0.1544
rs151240542	G	0.1669
rs79445352	G	0.0567
rs12115018	G	-0.0891
rs117658441	C	-0.1918
rs7004237	G	0.0366
rs17487214	T	0.0692
rs618389	C	0.09
rs77943120	C	0.1007
rs117506664	T	0.1169
rs56740344	G	-0.0848
rs144984853	C	0.1759
rs146343608	G	0.1521
rs1378897	T	-0.0547
rs141073981	T	0.1548
rs17128441	T	-0.046
rs62514010	T	0.1555
rs982300	A	-0.0295
rs74352757	A	-0.1007

rs113992560	T	0.1067
rs6999167	A	-0.0316
rs17071304	G	-0.0278
rs6420195	A	-0.0299
rs144002747	G	0.1292
rs17127274	C	0.0569
rs6990524	C	-0.0292
rs146120233	C	-0.1092
rs72671923	C	-0.0421
rs10112424	T	-0.03
rs7010346	C	-0.0694
rs62499995	C	0.0483
rs73261997	G	0.0959
rs13279462	T	0.0346
rs76883664	A	0.0674
rs147054801	C	0.1096
rs4841455	T	0.0482
rs75992022	A	0.0678
rs150694964	G	-0.1385
rs2688360	C	0.0366
rs139714457	T	0.0921
rs139234596	G	-0.0504
rs80255732	T	0.0534
rs74612468	A	-0.0612
rs150194585	T	-0.0617
rs113749669	A	0.1152
rs4872206	A	-0.0445
rs141114666	T	-0.0764
rs7816270	T	0.0389
rs79890726	A	-0.0492
rs6988955	T	-0.0479
rs1075	T	-0.0301
rs2111862	C	0.0574
rs2974345	G	0.1015
rs6577664	C	-0.0251
rs7010832	C	0.0339
rs2594818	G	-0.0597
rs16922635	T	-0.084
rs13271877	T	-0.0316
rs7844974	T	0.0397
rs55893239	C	0.0513
rs17712160	A	-0.0261
rs117775824	G	0.0639
rs2922494	G	-0.0257
rs116767245	A	0.116
rs77759604	C	-0.149
rs79697151	G	0.0935

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rs2553665	A	0.0325
rs268590	T	0.0346
rs2880665	A	0.0269
rs16897502	A	-0.0677
rs118177327	T	-0.1154
rs16899964	T	0.1204
rs1532559	T	-0.0303
rs2978669	C	-0.0523
rs1353038	A	-0.0452
rs7819237	A	-0.1002
rs117677292	T	0.0725
rs7814222	G	-0.0253
rs139089098	A	-0.1171
rs16935544	C	0.0722
rs77519446	A	0.2026
rs2890502	C	-0.039
rs13275985	G	-0.0326
rs138148493	C	0.2529
rs9657035	C	0.1662
rs10105568	A	-0.0266
rs273421	G	-0.0339
rs72643272	A	-0.0581
rs1871729	G	0.0255
rs117305050	C	0.2134
rs112473977	A	0.2392
rs62492213	T	0.1518
rs1106689	T	-0.0416
rs77566243	A	-0.0976
rs77089592	C	0.0629
rs118166746	G	-0.0791
rs112087043	A	-0.0989
rs4074457	G	-0.0291
rs2740863	T	-0.0348
rs4738156	G	-0.0268
rs113483572	T	0.0959
rs62519183	T	-0.041
rs141715824	A	0.1558
rs140779783	C	-0.1397
rs141355512	T	-0.1299
rs74732336	G	0.1221
rs12676329	T	0.0354
rs2976567	T	0.0258
rs2898514	G	0.03
rs10092989	T	-0.0375
rs76007554	G	-0.1937
rs10110783	C	0.0326

rs11782158	G	-0.0713
rs7816278	C	-0.1034
rs77381804	A	-0.0804
rs977310	T	-0.1839
rs145196890	G	-0.08
rs56383730	T	-0.0635
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rs7836665	A	0.0441
rs117180297	G	-0.1218
rs117841001	C	-0.1492
rs17626155	A	-0.0809
rs4737768	C	0.0341
rs117485107	T	-0.1815
rs62511858	C	0.1064
rs117131658	A	-0.1187
rs17506292	C	0.119
rs12547678	A	0.0338
rs141318943	C	0.2068
rs12545718	A	0.0486
rs7003311	C	-0.0682
rs3779847	A	0.0384
rs4735845	T	0.1182
rs150926839	A	0.0959
rs10085937	A	0.0559
rs35811891	T	0.0367
rs17514920	A	-0.1193
rs6474056	C	-0.0255
rs77471573	A	0.0828
rs12678754	A	0.0274
rs76617956	T	0.1732
rs150940525	A	0.11
rs1510103	A	0.0719
rs7819104	T	0.0307
rs7013334	T	-0.041
rs447796	A	0.1045
rs10088872	T	0.0744
rs1014032	A	-0.0293
rs80316886	T	-0.0596
rs146017423	G	-0.1435
rs80101833	G	0.1859
rs2085786	C	0.0264
rs10099869	A	0.0308
rs117927638	A	-0.1591
rs2319361	T	0.0354
rs150831478	A	0.1298
rs74829955	A	-0.135

rs62499062	A	-0.057
rs75099737	T	-0.1485
rs117086065	G	-0.1588
rs62513764	C	0.0902
rs148575713	G	0.0455
rs1507455	A	0.0952
rs75882132	A	-0.121
rs10101235	G	-0.0531
rs140227140	T	-0.1117
rs17075185	G	0.0499
rs79970085	A	0.1036
rs6557617	T	-0.0302
rs71524712	T	0.1321
rs79093661	T	0.1378
rs17069667	C	0.1584
rs17430142	T	-0.1548
rs736191	C	-0.0255
rs17382698	C	0.0419
rs2455038	G	0.0279
rs1316773	G	-0.0428
rs117655410	T	0.1395
rs76801271	A	-0.0735
rs28605379	T	0.1005
rs117968214	C	-0.1007
rs11166594	A	-0.1059
rs79592685	T	0.0904
rs10094794	C	0.0241
rs116872210	A	0.0893
rs166844	T	0.091
rs7842149	A	0.0266
rs870585	A	0.0462
rs117731626	A	0.1445
rs11993339	T	0.0714
rs148126419	G	-0.1122
rs139701569	T	0.1156
rs62511935	A	0.0571
rs62482708	C	-0.0368
rs62491201	C	0.0851
rs78471104	G	0.1505
rs6993211	G	0.0464
rs28999702	G	-0.0827
rs139250406	T	0.177
rs2171348	T	-0.0247
rs12542848	A	0.0268
rs11136263	G	-0.0308
rs146350845	A	-0.2366
rs73226148	C	-0.0348

rs16901312	T	0.1033
rs10086964	T	0.0255
rs1842794	T	-0.0611
rs9650605	C	0.0597
rs73227847	T	-0.0463
rs13254276	T	0.0271
rs7828755	G	-0.1447
rs75839496	T	-0.1853
rs34634680	G	0.1207
rs62527606	A	0.0461
rs17204975	A	0.0635
rs10505434	C	-0.0522
rs111931925	T	0.0727
rs16896479	T	-0.0272
rs11780602	G	-0.028
rs1429967	G	-0.1046
rs10100364	G	-0.026
rs12675721	T	-0.0268
rs76700802	G	-0.0541
rs72678336	T	-0.0533
rs78635199	A	-0.0452
rs1467269	A	-0.0407
rs12678447	G	-0.0658
rs117923613	A	-0.1166
rs3739282	C	-0.0296
rs28540013	T	0.0629
rs17678317	C	-0.0325
rs7006866	C	0.0302
rs196864	C	-0.046
rs62525516	A	-0.1349
rs73312569	G	0.064
rs78274650	G	-0.2275
rs11997448	T	0.0259
rs142633021	A	0.1171
rs7015651	T	-0.0252
rs72657080	G	0.1114
rs116929506	A	0.1374
rs61243391	G	-0.0533
rs78185616	T	-0.042
rs4073762	T	-0.0358
rs62485073	G	-0.0341
rs79380391	A	-0.084
rs17155236	T	0.0396
rs79748016	C	-0.088
rs73188893	C	0.1259
rs73537833	C	0.0461
rs1904276	C	0.0318

rs146892903	G	0.1451
rs76596255	T	-0.0768
rs3758103	C	0.0358
rs114315647	G	0.1388
rs17394322	T	-0.0369
rs79185037	G	0.0716
rs17358240	G	0.0726
rs7463172	C	-0.0352
rs2447516	C	-0.0239
rs147000695	A	-0.1007
rs145208341	A	0.0261
rs78605132	A	-0.0705
rs148661780	T	0.1503
rs80133464	C	-0.1772
rs3020153	T	0.025
rs62518097	T	0.089
rs11777342	T	0.0271
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rs7829545	A	0.071
rs116969830	T	0.1675
rs16901797	A	-0.0271
rs1065712	C	0.0684
rs145050291	C	0.1191
rs11779323	C	0.0493
rs60731093	T	0.0943
rs7814666	G	-0.1355
rs116855142	A	0.1701
rs13268812	G	-0.024
rs2511621	C	0.0246
rs1703975	G	-0.0373
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rs77553299	C	0.1166
rs12674825	T	0.0829
rs2514584	G	0.0349
rs62524921	G	0.044
rs10955398	A	0.0249
rs117341579	C	-0.0557
rs62508986	C	-0.0933
rs6990018	T	-0.0464
rs7814012	T	-0.024
rs139794588	G	-0.2043
rs17054671	G	-0.0385
rs1836772	T	0.0614
rs35456088	T	0.0963
rs16889969	T	0.0927
rs10113242	G	-0.0255

rs79258290	A	0.1017
rs1693588	A	0.0297
rs60637514	A	-0.0292
rs2385112	A	-0.0268
rs57801943	A	-0.0579
rs302954	T	0.0278
rs7823356	T	-0.0561
rs4395906	T	0.1125
rs72654837	G	0.0538
rs16938828	G	0.1205
rs7813970	T	0.0314
rs2583086	T	0.0622
rs77730942	A	-0.16
rs4297037	G	0.0289
rs143630047	A	-0.1132
rs6991596	A	0.0269
rs79043558	G	-0.0748
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rs4738106	G	-0.0324
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rs895252	G	-0.0481
rs143793867	G	0.1164
rs517811	G	0.0244
rs113012790	C	-0.0432
rs113395443	G	0.0609
rs77473077	C	0.0717
rs148475525	A	0.1833
rs79441791	A	-0.0313
rs55855319	T	-0.0543
rs144392666	G	-0.1415
rs2658914	C	0.0242
rs114732436	A	0.1213
rs111377338	G	-0.0612
rs17514547	A	0.1008
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rs77324299	A	0.0915
rs72609817	A	-0.0525
rs6415647	A	-0.0264
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rs73502554	T	0.0858

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rs7833781	A	-0.0242
rs74886184	A	-0.0469
rs17065931	C	-0.0283
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rs10504383	C	0.0602
rs138239723	T	0.0798
rs10090428	C	0.0324
rs2942201	A	0.0238
rs7817958	A	-0.0305
rs145396934	C	-0.133
rs79644525	A	-0.0919
rs10104444	G	-0.0241
rs3757964	C	-0.0298
rs78222699	T	0.0784
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rs116891852	T	-0.1392
rs142372632	C	-0.1331
rs140773771	C	0.1649
rs16885417	T	0.0324
rs80309761	T	-0.1127
rs36058669	T	-0.0544
rs34362689	G	0.0668
rs4242513	T	-0.0468
rs4733049	C	0.0396
rs35813019	T	-0.1638
rs2607102	G	0.0503
rs2927112	C	-0.0333
rs12114128	G	-0.0913
rs12682621	A	0.0464
rs117826678	G	0.1375
rs13258879	T	-0.0245
rs58116396	G	0.024
rs3019877	C	0.0253
rs7812877	T	-0.0289
rs3104313	A	0.0578
rs10100754	T	-0.0385
rs11136844	T	-0.0347
rs62488519	A	0.1183
rs112663270	A	-0.1549
rs10097382	A	0.0816
rs34888580	C	-0.0298
rs62499920	A	0.0389
rs144457637	A	0.1587

rs2126095	C	0.026
rs79125892	T	-0.053
rs34342524	A	0.0299
rs4736722	C	-0.0236
rs4875953	A	-0.0296
rs17116959	C	0.0361
rs72645197	A	-0.0511
rs141093849	T	-0.0526
rs77255678	C	0.0903
rs76467294	C	-0.0801
rs117972696	T	0.1348
rs142898887	A	0.099
rs1381863	C	0.0623
rs7013158	T	0.0303
rs429272	C	-0.0246
rs35611014	C	0.0659
rs59287978	A	0.0336
rs4461946	A	0.0255
rs117974096	T	-0.07
rs78974920	T	0.088
rs75404708	T	0.0971
rs72721429	T	0.1093
rs73174735	T	-0.1056
rs55908105	T	0.1602
rs1530241	A	0.0232
rs2167502	A	-0.0506
rs117873395	G	0.0723
rs146570205	T	-0.1902
rs73180701	T	-0.0444
rs76339938	T	-0.1195
rs147031693	T	-0.1223
rs2445605	T	0.072
rs73660130	C	-0.0919
rs117478964	G	-0.0663
rs45618544	T	0.1017
rs113753795	A	0.0787
rs775952	C	0.0402
rs6469153	C	-0.0255
rs17070685	C	0.0471
rs2945888	C	-0.0447
rs2350726	A	-0.0559
rs72676638	G	0.1053
rs73193044	A	0.0937
rs13256473	C	0.0418
rs75858367	A	0.0991
rs2941652	G	0.0464
rs75915342	T	0.1391

rs73705630	C	-0.037
rs11203977	G	-0.1032
rs1955304	C	0.0248
rs4737863	G	-0.0255
rs2088557	G	0.0559
rs78215093	G	0.1127
rs73201312	C	0.1915
rs28719924	T	0.038
rs143249752	A	0.1125
rs75240182	C	-0.0544
rs10503189	A	-0.0357
rs77154324	A	0.0478
rs11988789	C	-0.0261
rs61521132	G	-0.1789
rs111726582	A	-0.1077
rs72681829	A	-0.1782
rs78994050	C	0.0986
rs2511627	A	0.0354
rs2735975	T	-0.0674
rs4736684	G	0.037
rs62474725	C	0.1702
rs149558679	A	-0.1292
rs11785691	T	-0.0279
rs56388100	C	-0.0955
rs76006945	G	-0.0897
rs10109307	C	0.0314
rs520769	T	0.0401
rs149579473	T	0.0807
rs13251580	T	0.0418
rs17327523	A	0.0813
rs78494230	C	-0.0698
rs6989666	A	0.0516
rs72678700	T	0.0638
rs56709779	G	-0.0402
rs264315	A	-0.0249
rs2469390	T	-0.0319
rs10504321	A	-0.036
rs2467753	G	-0.0323
rs2461063	T	-0.0242
rs117551449	T	-0.123
rs1541876	C	-0.0445
rs117312181	G	0.1231
rs118154816	T	0.0903
rs13260607	T	-0.0372
rs9987322	G	0.052
rs116843131	C	0.0894
rs2406458	A	-0.0733

rs62479711	C	0.0384
rs2469765	C	-0.0265
rs72641968	T	-0.0359
rs137900566	T	0.1605
rs7000989	T	0.0355
rs116878939	A	0.1666
rs62511338	T	-0.0404
rs2927018	T	0.0405
rs17127995	G	0.0337
rs10448143	T	0.0345
rs13261550	A	0.0235
rs117277997	A	0.0861
rs12155690	T	0.0346
rs116979641	A	0.1325
rs78336280	C	0.0451
rs2460347	A	-0.042
rs2188017	G	0.0312
rs6989050	A	-0.026
rs147595127	C	-0.0845
rs115050285	A	-0.1505
rs55904164	T	-0.0615
rs79501645	A	-0.1851
rs77391535	T	0.1249
rs1374636	A	0.0269
rs1568328	C	-0.0297
rs150279050	A	-0.0965
rs62488534	A	-0.0954
rs73171416	A	-0.0594
rs111817166	G	-0.1207
rs118006413	G	0.146
rs79102749	A	-0.1041
rs4907342	G	-0.0238
rs117688090	G	-0.2013
rs4329288	G	-0.0246
rs10086503	G	0.0264
rs4526337	G	-0.08
rs16905243	C	0.1222
rs62530844	A	-0.0778
rs73517353	A	0.0516
rs17526904	T	-0.0344
rs77398193	A	0.0993
rs75173202	A	0.1917
rs147305117	C	-0.11
rs4736287	G	-0.0285
rs4440596	T	0.0454
rs77853163	A	-0.1227
rs80235422	C	0.0613

rs79220623	G	0.0831
rs77994517	T	-0.075
rs35268148	T	-0.0583
rs73228405	C	0.1488
rs79386488	T	-0.1024
rs35060104	T	-0.1081
rs73705944	T	0.0503
rs118183366	C	0.0525
rs2617093	A	-0.0619
rs72680215	G	0.0564
rs79775139	A	0.1606
rs78876603	C	-0.1128
rs13252141	T	0.033
rs78368024	A	0.0255
rs2466103	G	0.026
rs78939961	A	0.1085
rs144572246	T	0.1133
rs6986484	A	0.1272
rs77939104	C	-0.0638
rs1431917	G	0.0872
rs17378130	T	-0.0356
rs5019355	C	0.0545
rs7005082	C	0.0282
rs9325853	G	0.0327
rs150321678	G	0.07
rs72640066	T	0.038
rs78196764	T	-0.0547
rs17344544	A	-0.0599
rs150057165	G	-0.0787
rs72716669	G	0.1025
rs117987349	G	-0.154
rs12674532	C	-0.0802
rs34366206	A	-0.0247
rs13263683	A	0.0563
rs4739225	T	0.0654
rs148715395	T	-0.1176
rs117429324	G	-0.1967
rs117210747	G	-0.1281
rs7008755	G	0.0291
rs11775819	T	-0.0496
rs79247015	T	-0.0985
rs28476639	T	-0.0342
rs7011416	G	0.0631
rs72665750	T	-0.1319
rs17189998	A	-0.0463
rs393592	G	-0.0414
rs3134496	A	0.0428

rs10097654	T	0.0515
rs13258866	T	-0.0256
rs9721208	A	-0.0417
rs28667806	C	-0.1462
rs2513908	A	-0.0626
rs73185664	T	0.0546
rs17525233	T	0.0686
rs568096	T	0.0307
rs17066208	G	0.0805
rs78027708	G	0.0804
rs72603874	C	-0.0682
rs76213421	C	-0.0625
rs79360039	C	0.1163
rs13279649	A	-0.0309
rs13248930	G	0.053
rs72721081	A	-0.0572
rs7011785	C	-0.086
rs10087914	C	-0.0291
rs11778922	A	0.0256
rs12678957	T	0.03
rs896682	T	0.1077
rs11996097	A	0.0882
rs80019839	C	-0.0582
rs55642745	T	0.0783
rs74911805	A	-0.0628
rs73235003	G	0.0456
rs143470807	A	0.111
rs149785101	G	0.12
rs4143635	A	-0.0301
rs6998194	G	-0.0342
rs2956740	C	0.0643
rs72658913	A	0.0582
rs7822838	G	0.1104
rs1995534	C	-0.0266
rs72658008	A	0.0411
rs1870389	T	-0.0323
rs7824930	C	0.0244
rs4512398	C	0.0239
rs1148489	A	-0.0287
rs4310239	G	0.0247
rs78884089	A	-0.1048
rs7816968	A	-0.1263
rs139053845	C	0.1117
rs13277218	T	0.0774
rs72660657	T	-0.0509
rs3136426	C	0.0605
rs59385666	A	0.1091

rs750816	C	0.0337
rs35685763	G	0.0607
rs11203780	C	-0.0424
rs72676570	C	0.1604
rs10109053	G	0.0297
rs79000771	A	-0.2276
rs12676891	T	0.0362
rs1465886	T	0.0251
rs114910322	G	-0.0574
rs56206503	A	0.035
rs75899356	G	0.1331
rs1424690	A	-0.029
rs4737240	A	0.0249
rs117461790	G	-0.0733
rs111953360	A	-0.0306
rs61653262	G	-0.0412
rs11775871	T	0.0309
rs117676428	A	0.1491
rs2436875	A	0.0265
rs330063	A	-0.0245
rs11996067	T	0.1254
rs12678170	C	-0.0333
rs11781952	T	0.0262
rs146761627	G	0.121
rs8180935	A	0.0389
rs139213298	A	0.1242
rs117670266	C	0.1339
rs290633	T	0.0412
rs62495704	A	0.0914
rs10100535	C	0.0258
rs77592746	G	0.1037
rs79019107	T	-0.0608
rs74633613	A	0.1499
rs60699707	C	-0.0453
rs7000401	C	-0.0344
rs17579575	C	0.1175
rs150019065	A	-0.0797
rs62519383	T	0.0531
rs55708406	T	-0.0976
rs116938609	C	0.2045
rs11783577	T	0.0472
rs17596349	A	-0.0401
rs7845056	C	0.0308
rs7830712	T	0.0616
rs75279863	T	0.0798
rs62490329	G	-0.0449
rs80089106	A	0.133

rs62520369	A	-0.039
rs118128961	G	-0.0597
rs2170416	T	-0.0964
rs13278890	T	0.0452
rs147240359	T	0.1821
rs74534107	C	-0.131
rs117031819	C	0.1679
rs35366789	T	-0.0631
rs2545462	T	-0.0244
rs75251009	A	0.1953
rs7827753	G	0.0446
rs72716493	T	0.1368
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rs4102482	T	-0.0962
rs10086611	C	0.1138
rs118081385	A	0.1453
rs73665419	T	-0.0781
rs72637632	T	0.0786
rs139543185	A	-0.1666
rs117763611	C	-0.1105
rs9297283	T	-0.0331
rs150458299	A	-0.121
rs55712037	A	0.0529
rs117006641	T	-0.106
rs117150613	A	-0.1712
rs10088943	G	0.1323
rs13256011	T	-0.0729
rs2978398	A	0.0255
rs6984752	G	0.0233
rs2059648	A	-0.0294
rs77573691	A	0.0893
rs17348819	A	0.0928
rs142225792	A	0.0797
rs6471437	A	0.0262
rs13259457	G	-0.0635
rs72651542	T	-0.143
rs72665543	G	-0.1574
rs13271355	T	-0.0444
rs146548402	G	-0.1161
rs11996362	G	-0.0307
rs9644666	G	0.0656
rs10503325	A	-0.0351
rs144074211	T	0.105
rs2685608	G	0.0389
rs77153483	G	0.0614
rs6982855	T	0.0396
rs74667391	T	-0.0397

rs2449215	G	0.0279
rs73220416	T	0.1174
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rs114966943	A	0.1191
rs1610136	T	0.0336
rs2954610	T	0.0239
rs117590808	C	-0.1343
rs79014820	A	-0.1067
rs16894729	A	0.0343
rs6469130	A	0.031
rs78673752	C	0.1298
rs10504245	C	0.0305
rs12680383	G	0.025
rs71514746	G	-0.0764
rs112487195	T	-0.0563
rs12675580	A	-0.0668
rs13269897	C	-0.032
rs12114298	A	0.1351
rs34680385	C	-0.0855
rs2250197	A	-0.0239
rs6471343	T	-0.0253
rs4876351	T	0.0627
rs149808186	A	0.0547
rs76740695	T	0.0876
rs35618425	A	-0.0548
rs17735843	A	-0.0543
rs10101171	G	-0.0767
rs10093817	T	0.0353
rs62499384	T	-0.1358
rs76072405	T	0.0419
rs62636767	T	-0.0883
rs117479439	T	0.1939
rs383848	T	-0.0318
rs147244488	T	-0.1386
rs73221570	A	0.0732
rs34743843	C	0.0243
rs13275137	A	-0.1181
rs17260430	G	-0.1069
rs145486602	T	-0.101
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rs149392081	T	0.114
rs61575731	A	0.1883
rs71520685	G	-0.0878
rs117377987	G	0.0967
rs11779844	C	0.0331
rs55841665	T	-0.0306
rs72633387	C	-0.141

rs79368385	T	0.0504
rs7833600	T	-0.0367
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rs79640123	A	0.1486
rs2853242	C	0.05
rs117742156	C	0.1812
rs1996363	C	0.0351
rs58726895	C	0.1065
rs1363239	A	-0.0367
rs117252295	G	-0.1922
rs759648	C	-0.0247
rs117550623	T	-0.1212
rs113780647	T	-0.1278
rs10108869	G	0.0275
rs111704855	T	-0.0413
rs73176708	T	-0.0688
rs10103751	T	0.042
rs28666019	C	-0.0357
rs4922257	G	-0.0494
rs7012200	A	-0.0245
rs77868426	G	-0.0569
rs11786579	A	-0.0961
rs139966374	G	0.0927
rs7817048	C	-0.0258
rs75978652	C	0.0471
rs407202	A	0.1163
rs141227572	A	0.1669
rs76990473	G	0.0746
rs62518093	A	0.1627
rs80236348	G	0.1152
rs7839358	T	-0.0243
rs7844039	A	0.0235
rs75503601	T	0.0704
rs17342145	C	0.3112
rs76620729	C	0.0947
rs11780424	T	0.0244
rs118146212	C	-0.0844
rs17070769	C	-0.0371
rs58353554	A	0.1011
rs10097657	A	-0.0964
rs7007343	G	-0.0279
rs72690659	A	-0.0645
rs139768109	G	0.0594
rs79278194	T	-0.066
rs28548827	G	-0.0409
rs2176397	T	0.0258
rs80042324	G	-0.142

rs117004661	T	-0.0959
rs140273600	A	0.1333
rs13277680	A	0.024
rs6995107	T	0.0232
rs80226983	T	0.0962
rs72720571	T	-0.0305
rs11779422	C	0.0256
rs79080458	T	0.1214
rs57201132	A	-0.043
rs12545394	C	-0.07
rs77511836	A	0.1176
rs13252768	T	0.062
rs17644404	A	-0.0601
rs11991968	A	0.0566
rs144367489	A	0.1299
rs76206107	G	0.0296
rs6995087	A	-0.0598
rs11783074	A	-0.0325
rs7814326	T	-0.0274
rs148376239	T	0.0992
rs75293511	T	-0.1265
rs2704267	C	-0.0652
rs7830221	C	0.0359
rs73301717	C	0.0575
rs2623167	C	0.0367
rs56249148	A	-0.081
rs7813501	A	0.0389
rs73670775	G	-0.0533
rs117616789	T	-0.1341
rs62499676	T	-0.0546
rs4734184	G	0.03
rs117740115	T	0.0866
rs77367816	A	0.0568
rs76971803	A	0.0984
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rs17077911	A	0.1268
rs1459323	T	0.0689
rs374759	C	-0.1681
rs117733576	T	0.0614
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rs13261560	A	0.0628
rs116929709	T	0.0714
rs76824703	T	-0.108
rs117671350	A	-0.1088
rs79290888	G	-0.1295
rs74994615	C	0.0568

rs4734884	C	-0.0287
rs66757781	C	0.0424
rs9324503	C	-0.04
rs117387013	G	0.1282
rs77207042	T	0.0405
rs17689291	C	-0.0757
rs73305097	C	-0.0554
rs12547634	G	-0.123
rs7838705	G	0.0828
rs7827805	G	0.0751
rs41265258	T	0.1042
rs140562621	T	-0.0872
rs78718178	C	0.0632
rs10503166	G	0.0334
rs6651385	A	0.0256
rs79204300	G	0.1602
rs149457895	T	-0.0398
rs118098698	C	0.1497
rs117174179	T	-0.0952
rs10113774	T	-0.0596
rs117282761	T	-0.0932
rs72664151	C	-0.0502
rs117891157	T	0.1437
rs75414958	T	-0.0814
rs75008203	T	0.0432
rs76282750	C	0.0579
rs55929127	T	-0.1053
rs7821889	C	0.054
rs10107406	C	-0.0234
rs78995633	T	0.112
rs138876037	A	0.1084
rs10505715	C	0.1146
rs77823953	T	-0.0731
rs2517173	T	0.0574
rs7837405	G	0.0449
rs73251388	G	0.0443
rs17753669	A	-0.0486
rs62530525	A	-0.0826
rs137895837	G	-0.1055
rs17243414	G	0.1687
rs9650361	T	0.0492
rs7832831	T	0.0362
rs10087815	T	0.0404
rs11779384	G	-0.122
rs6989168	C	0.0254
rs6415439	A	0.0425
rs34815771	A	0.0382

rs11786361	C	-0.0239
rs3087723	C	0.0362
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rs80260687	C	0.1317
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rs117309719	A	0.1233
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rs2732995	A	-0.0225
rs116932590	T	-0.1884
rs4335111	A	-0.0634
rs2894495	C	0.0227
rs151171276	T	0.1336
rs77685454	G	0.11
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rs79137969	T	0.0739
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rs2579881	T	-0.0306
rs309602	A	0.0244
rs116497158	A	0.0476
rs76437902	G	-0.1308
rs1106629	G	0.0243
rs17588881	A	-0.0361
rs17480734	C	0.0346
rs73673870	A	-0.1387
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rs143075067	G	0.1002
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rs79962281	G	0.0711
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rs11990784	G	-0.0554
rs2189899	T	-0.0744
rs138933367	G	-0.0867
rs67402463	G	-0.1456
rs4738871	T	0.0319
rs117097240	A	0.1057
rs10505573	T	-0.0235
rs167042	C	-0.0413
rs2028486	A	0.0453
rs77335492	A	-0.0559
rs62515202	A	0.0613
rs16935103	T	-0.0251

rs11137037	C	-0.0243
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rs78568881	T	-0.1548
rs72654175	C	0.0573
rs16906605	T	0.0329
rs113987446	T	0.1467
rs72733636	C	0.0445
rs143513733	C	0.1427
rs142856921	A	-0.2854
rs10107993	A	0.0421
rs117451258	G	0.0859
rs3104957	G	0.0227
rs73410335	C	0.0973
rs34591370	G	0.1034
rs7834590	G	-0.0297
rs17430478	A	-0.0349
rs75089937	T	0.086
rs62502685	A	0.1692
rs7008774	C	-0.0256
rs59513792	C	-0.0337
rs76136993	A	-0.0831
rs7462730	A	-0.0723
rs79018924	C	0.1059
rs7815722	T	0.0276
rs117932206	T	0.1122
rs118013053	G	-0.1022
rs7459480	A	0.029
rs360967	C	-0.0266
rs140920847	C	0.1164
rs12678056	T	-0.0407
rs76022400	G	-0.1103
rs17070403	G	-0.0906
rs55810551	A	0.042
rs145030653	A	0.067
rs62518649	A	0.0786
rs11785790	G	-0.0816
rs117872754	G	-0.0597
rs7009094	G	0.0223
rs13254475	T	0.0915
rs35050296	A	0.0296
rs138051230	A	-0.1048
rs79077426	T	0.1492
rs116974235	T	-0.0825
rs9969435	A	-0.0582
rs56190911	A	-0.0327

rs10102639	G	-0.0249
rs144632498	T	0.1222
rs117150880	C	0.1304
rs7826047	T	-0.0395
rs117952694	T	0.1289
rs2975202	C	0.0288
rs2978055	A	0.0533
rs1834414	T	-0.0235
rs117225701	C	0.1585
rs62490176	T	-0.1419
rs137959091	A	0.0758
rs7009451	C	0.0259
rs73225929	A	-0.0528
rs34061266	T	-0.0656
rs2618460	C	0.0616
rs923391	G	0.0337
rs10096739	A	0.0521
rs10095222	T	0.0697
rs7815318	C	-0.0433
rs57371921	A	0.0483
rs144079051	C	-0.1711
rs112122672	A	0.1428
rs4291242	T	0.0266
rs76489190	G	0.1342
rs117346679	T	-0.2022
rs116167120	T	-0.0744
rs62502460	A	0.0303
rs56392143	G	-0.0307
rs117405034	A	-0.1182
rs17416403	T	-0.0276
rs2176455	T	-0.0228
rs73617465	C	-0.0586
rs116943191	T	-0.1185
rs509180	C	-0.0229
rs17251720	C	0.0858
rs332022	T	0.0287
rs514662	T	-0.0247
rs35031528	T	-0.098
rs2859568	G	-0.0233
rs10955138	C	-0.027
rs62488528	T	0.1009
rs7462060	A	-0.028
rs6472756	T	-0.0537
rs10216422	C	-0.0269
rs13270324	A	-0.0778
rs6999859	G	0.0267
rs116965955	C	-0.1184

rs75537381	C	0.0378
rs6577671	A	0.0246
rs11995502	C	0.1091
rs79494667	C	-0.1644
rs34934346	C	0.089
rs117655449	C	0.1023
rs62519224	T	0.0975
rs1733906	C	0.1164
rs28464704	C	-0.0264
rs80178238	A	0.0647
rs16894970	C	-0.116
rs7828685	G	0.0229
rs35323955	T	0.0244
rs10046671	C	0.0501
rs4361779	T	0.0454
rs13259960	G	-0.0347
rs144023463	T	0.1516
rs36081636	G	0.0939
rs999376	G	0.0467
rs11786174	A	0.0364
rs150016289	A	0.1045
rs270095	T	0.0285
rs13273185	T	0.029
rs7461503	T	-0.0255
rs4738776	T	-0.0393
rs7812947	G	-0.0544
rs73208809	A	0.0834
rs114195612	T	0.0617
rs10102746	A	0.0303
rs34678948	G	0.0302
rs2679761	A	-0.0517
rs17187593	T	0.0637
rs2515206	C	0.0275
rs7006762	G	-0.0256
rs28712156	C	-0.0353
rs17053499	T	0.0423
rs10505613	T	-0.0667
rs11787137	C	-0.0526
rs111655143	A	-0.1079
rs73196842	A	0.0307
rs118074173	G	0.1683
rs117376021	T	-0.0942
rs4737378	T	-0.0329
rs3102478	C	0.0723
rs4738314	A	0.0258
rs80138272	C	-0.0714
rs7000801	C	0.0246

rs6981092	T	0.0486
rs2008700	G	0.0323
rs117170061	A	0.0734
rs72651823	A	-0.105
rs117622028	T	0.1424
rs147383134	C	0.1367
rs2408100	T	-0.0295
rs75426915	G	-0.0824
rs138587297	C	-0.1736
rs112328432	T	-0.1626
rs2618134	T	-0.042
rs4430120	T	-0.0241
rs59428359	C	-0.0925
rs118089763	C	0.1124
rs2459523	T	0.0228
rs117392044	T	-0.0558
rs10099134	C	-0.0265
rs1557948	A	0.0251
rs117691161	T	0.0851
rs2581901	G	0.0999
rs75775456	C	0.0965
rs117064906	A	0.0962
rs73180751	A	0.0387
rs13273251	A	-0.0442
rs16935905	T	0.0769
rs73200105	A	0.0982
rs118169810	T	-0.1101
rs12676286	T	-0.0295
rs72672993	G	0.1015
rs7015598	T	0.0522
rs143300372	C	-0.1526
rs73599164	T	0.0554
rs6468509	A	0.0228
rs144640141	T	0.0825
rs72652725	G	0.0931
rs10108224	A	-0.0254
rs17382637	G	0.1355
rs80331480	T	0.0776
rs6984098	G	-0.0275
rs13278801	G	-0.0353
rs4087059	T	0.0279
rs754539	G	0.0247
rs1838621	G	-0.0247
rs13256525	A	0.0426
rs118007158	A	-0.0514
rs150499989	A	0.059
rs75548812	C	0.1106

rs112258707	A	0.0725
rs7463877	G	-0.0591
rs7009708	C	0.0253
rs147214891	G	-0.1341
rs78455636	C	0.1267
rs73237395	A	0.0561
rs139571972	A	0.1348
rs117202124	T	-0.1969
rs148647506	G	-0.1068
rs5008211	G	-0.0235
rs72629413	C	0.1429
rs78818465	C	-0.0752
rs12542177	A	-0.1759
rs34061067	T	0.0292
rs72666738	G	0.0566
rs79673473	C	-0.0711
rs2816413	G	-0.0223
rs2941459	G	-0.0258
rs7461052	T	0.1105
rs900577	C	0.0286
rs111248581	G	0.0901
rs4100	G	-0.0355
rs11562715	T	0.0474
rs4620244	T	0.0393
rs150055087	C	-0.1955
rs1121948	G	-0.0268
rs72718230	T	-0.0794
rs73217929	T	0.038
rs111697508	A	0.1532
rs7834959	T	0.0473
rs6999533	A	0.0251
rs144318279	T	-0.1212
rs10505257	A	-0.0434
rs59528200	C	0.063
rs56754306	A	-0.1517
rs7463457	A	0.0232
rs75649855	G	0.1483
rs13257849	T	-0.0251
rs7013743	T	0.0297
rs79206077	C	-0.0846
rs111584417	T	-0.0425
rs13282264	A	-0.0526
rs112866586	T	-0.0592
rs10503635	T	0.03
rs117046165	A	0.0774
rs71519605	T	0.0633
rs7844597	C	-0.0224

rs77476195	T	0.1141
rs830786	T	0.052
rs118017744	A	-0.0791
rs11776784	G	-0.0247
rs111406446	T	0.0706
rs71514530	T	0.0878
rs72720289	C	0.0655
rs9297581	C	-0.0556
rs141535191	A	0.1353
rs12545978	T	0.0686
rs4425765	G	-0.0395
rs75043257	G	0.101
rs117878961	G	0.1702
rs12549007	C	0.0337
rs72719469	T	-0.0484
rs149441421	G	0.1754
rs7828445	A	0.0271
rs113013292	A	0.0874
rs599814	C	-0.026
rs67397426	A	-0.0298
rs148752344	T	0.045
rs6558971	G	-0.0302
rs11786609	C	-0.1087
rs76763032	G	0.104
rs76643130	C	0.0618
rs79563519	T	0.0672
rs7841173	C	0.0498
rs73214679	C	-0.0278
rs6473229	G	0.0229
rs13271840	T	0.03
rs11166919	A	0.0355
rs12675813	G	0.0429
rs62640315	A	-0.0272
rs34676548	T	0.0758
rs2923775	G	-0.0233
rs4736754	A	-0.1231
rs56298325	A	-0.0838
rs2693430	G	-0.0284
rs75217122	A	-0.0677
rs7838540	A	0.1111
rs17672211	G	-0.1327
rs67769563	A	-0.0267
rs78851776	C	0.0691
rs35306663	C	-0.1964
rs6998217	G	0.0229
rs12682279	T	-0.0458
rs117477275	A	-0.0719

rs4876326	C	0.0832
rs17088895	C	-0.0596
rs1809356	T	-0.0569
rs149654355	G	0.1478
rs147073709	C	-0.1256
rs10503361	G	-0.0355
rs77514260	A	0.0893
rs79938084	G	-0.0947
rs59324013	T	0.0348
rs74670282	T	0.1268
rs78852474	T	0.0552
rs75764383	C	0.1241
rs74861182	C	0.0776
rs78825585	T	0.1155
rs117076050	A	0.08
rs62497297	T	-0.0376
rs11988359	A	-0.0783
rs117895561	T	0.0767
rs118093722	A	0.0935
rs79674713	T	-0.0881
rs62521382	C	0.1019
rs77254145	G	-0.0511
rs77981355	G	0.1042
rs117998299	A	0.1302
rs117685930	T	0.1476
rs117084153	T	-0.1348
rs78907601	T	0.1055
rs3015675	G	-0.1474
rs10098792	A	-0.0414
rs7814897	A	0.0244
rs351782	A	0.0638
rs13265669	A	0.0935
rs58577087	A	-0.0448
rs17474841	T	0.034
rs75877788	T	-0.1073
rs60293067	C	0.0292
rs77741956	T	-0.0395
rs7838777	C	-0.0318
rs12546334	G	0.086
rs146257259	A	-0.1689
rs138373019	C	-0.054
rs145737555	A	0.1039
rs10099976	G	0.0285
rs77387433	C	0.1161
rs73213606	A	0.041
rs11562744	A	-0.1081
rs10090541	G	0.0406

rs10111056	T	0.022
rs111465239	A	-0.0965
rs11774568	A	0.0258
rs7010200	C	-0.0298
rs2234558	G	-0.0893
rs143337164	C	-0.1061
rs1442329	T	0.1236
rs1635649	A	-0.0337
rs11250147	C	0.0257
rs117789656	C	0.0656
rs3808565	G	0.0578
rs117668796	G	0.0729
rs10086054	G	0.0917
rs4734070	T	-0.0294
rs11779902	G	0.0232
rs140629785	A	0.0861
rs13277239	C	-0.025
rs204782	T	0.1037
rs72673922	A	0.1496
rs36019116	T	-0.0719
rs55956894	A	0.0227
rs11204070	A	0.0466
rs79387672	G	0.1407
rs7823533	G	0.0398
rs13257404	A	0.0567
rs12544672	G	0.0326
rs72731533	G	-0.0569
rs6586866	T	-0.0316
rs4275231	T	0.0302
rs72638950	A	-0.0615
rs78131151	G	0.042
rs141549715	A	0.0862
rs117778878	T	0.1519
rs13261938	A	0.0336
rs117390404	C	-0.1011
rs72697663	A	0.0611
rs143889949	C	0.0995
rs7824653	C	-0.0286
rs113729785	G	0.0945
rs117662606	A	-0.1089
rs76711355	T	-0.1796
rs117612067	T	0.1555
rs1388766	C	0.0648
rs60831859	T	-0.0332
rs4907322	A	-0.045
rs78866023	G	0.2096
rs144668682	C	0.1019

rs78839578	A	0.066
rs113639984	A	0.0827
rs144458799	A	0.0931
rs3105433	T	0.0294
rs16887736	G	-0.032
rs117263635	T	0.0698
rs12544707	G	-0.0729
rs13263522	C	-0.0268
rs75134351	G	0.1712
rs935564	G	0.0607
rs34591011	A	0.1016
rs117881274	A	0.0744
rs79868261	C	-0.0731
rs72676141	A	-0.1074
rs7823974	T	0.0498
rs3789844	G	-0.0533
rs62517608	C	0.0976
rs2439641	G	0.042
rs2978951	A	0.0224
rs850407	A	0.0663
rs11993215	A	0.043
rs279955	T	-0.0241
rs73181058	C	-0.0909
rs142285885	G	-0.113
rs2648899	A	0.0336
rs11986829	C	0.048
rs1823504	G	-0.0297
rs150976308	G	-0.0494
rs13282618	T	-0.1246
rs12543022	C	-0.0462
rs74563289	T	-0.0373
rs150879759	T	0.0605
rs58517679	G	-0.0627
rs141729954	A	-0.1629
rs441736	T	0.147
rs112758057	A	-0.0841
rs3990616	A	-0.1336
rs117263722	G	0.0994
rs78651618	T	0.071
rs7011099	G	-0.0583
rs1217683	C	-0.065
rs17685883	T	0.0566
rs13281237	G	0.0304
rs77644617	T	0.0767
rs2954605	C	0.0218
rs76677983	A	-0.11
rs4871381	A	0.0421

rs10103001	C	-0.0429
rs150100729	T	-0.137
rs10104622	C	0.0905
rs117584342	G	-0.0935
rs1549848	G	-0.0251
rs2369411	A	-0.0277
rs5743402	C	0.0287
rs7001286	G	0.1235
rs111502799	C	0.1215
rs11778703	G	0.0638
rs2164306	A	-0.0228
rs2956902	T	0.0219
rs7819586	A	-0.0987
rs76266819	G	-0.0611
rs144254804	T	-0.1016
rs147255993	G	0.1101
rs78974761	A	0.0579
rs4921603	G	0.0243
rs35796203	A	0.0414
rs9801830	A	-0.029
rs74480402	C	-0.1815
rs6984808	T	0.0224
rs1514705	G	-0.0226
rs61674659	T	-0.1744
rs831735	G	-0.0216
rs7813189	T	-0.0316
rs1805787	G	-0.0309
rs62478389	G	0.0547
rs117343217	C	0.1241
rs2138022	A	0.0502
rs62509353	A	0.1061
rs74705802	A	-0.1003
rs13328379	T	-0.0293
rs75394353	C	-0.0967
rs7011783	C	0.0287
rs140521693	A	0.1084
rs13271306	A	0.0734
rs11775448	C	0.0222
rs79254283	A	-0.0396
rs55731107	T	0.1154
rs2175311	C	0.023
rs72661898	A	0.0386
rs80189320	T	-0.0356
rs117546106	G	0.1377
rs4400347	G	-0.0284
rs17120669	G	-0.0965
rs34923515	G	0.0522

rs35581786	T	0.1081
rs72621454	C	-0.0546
rs112780027	G	0.1259
rs73283791	T	0.1387
rs7820794	T	0.0263
rs142747110	C	0.1104
rs72662491	A	-0.079
rs74384960	A	0.1003
rs62497403	T	0.0237
rs10088747	A	0.0899
rs62521340	T	-0.1666
rs307395	T	-0.0376
rs76357536	G	-0.1356
rs12549845	G	0.0299
rs10088382	T	-0.0248
rs4736239	C	-0.0249
rs4976892	T	0.1344
rs1494971	C	0.0296
rs75820404	A	0.0551
rs143125161	C	0.1583
rs6985560	T	0.0528
rs117262040	A	0.108
rs56373382	A	0.0731
rs57764163	T	-0.0423
rs10108413	G	-0.0648
rs59694674	G	0.0509
rs79942546	G	-0.0834
rs62523044	A	0.0659
rs147105025	C	0.1572
rs17342242	G	-0.0271
rs150751363	G	0.1209
rs118003188	C	-0.1685
rs11989084	C	0.0349
rs146136980	G	0.1909
rs74566360	C	0.0916
rs144803951	T	0.1328
rs11778118	C	-0.0261
rs56708363	A	0.0637
rs116877659	T	-0.1094
rs34257974	A	0.0577
rs113523387	A	-0.0722
rs59137597	C	0.0583
rs11781659	C	-0.0286
rs10875423	T	-0.035
rs13278923	A	-0.0414
rs12543733	A	0.0334
rs150669949	A	-0.1508

rs71510680	A	-0.0828
rs6473857	T	0.0647
rs2637836	G	0.0304
rs143078550	A	-0.0535
rs4236736	A	0.022
rs71521845	C	0.0389
rs28416648	T	-0.1097
rs56095567	G	-0.0595
rs10216990	G	0.0219
rs10958809	T	0.0289
rs1367916	A	0.0903
rs117619771	C	0.1309
rs117793078	A	0.0679
rs17515264	C	-0.0408
rs117503643	A	-0.065
rs10216802	C	-0.1069
rs73210024	G	0.0499
rs7464855	C	-0.0226
rs150064373	T	-0.1672
rs78812419	C	-0.0719
rs2326141	G	0.103
rs36015978	G	-0.042
rs17220787	G	0.116
rs72725919	A	-0.1471
rs11998308	A	-0.0217
rs72652568	C	-0.0502
rs76045952	A	0.1958
rs28626453	A	-0.0241
rs111664833	T	-0.0633
rs4831240	T	0.0213
rs4733957	G	0.0238
rs55824575	A	-0.1329
rs13275923	C	0.0246
rs139478052	T	0.1088
rs850425	T	-0.0272
rs7836364	T	-0.0221
rs474402	C	0.0365
rs74853540	C	0.1008
rs118113714	C	-0.0786
rs140710986	T	0.1228
rs137876695	T	-0.0403
rs7819563	T	0.1026
rs141516381	C	-0.1867
rs896619	C	0.0215
rs16894211	C	0.0608
rs16907755	C	0.1984
rs7462620	T	-0.0216

rs75105669	A	0.1041
rs117339258	C	-0.1194
rs2542443	G	-0.0343
rs75932619	T	0.0276
rs78150603	A	-0.084
rs149699111	C	-0.1155
rs7004757	A	0.0572
rs7826344	T	0.0238
rs143105765	T	-0.0975
rs77357379	T	-0.0782
rs117587852	G	-0.1682
rs76286000	G	0.0428
rs10108480	A	-0.0592
rs12549429	C	0.0322
rs77090570	A	0.0584
rs28655352	C	0.0591
rs112454457	T	0.1282
rs112100083	A	-0.0733
rs74412410	G	0.038
rs80068299	C	-0.1024
rs73203400	T	0.0449
rs17468779	G	0.0319
rs62500461	T	-0.1148
rs147827967	T	-0.1298
rs13264376	G	0.1794
rs11987684	A	0.0466
rs75582262	G	-0.0438
rs3988307	T	-0.0251
rs79108128	T	0.0805
rs111489662	G	-0.0867
rs55770107	C	0.0319
rs116485224	A	0.0712
rs72640960	C	0.1524
rs139437044	A	-0.0901
rs12681038	T	-0.0224
rs17739692	C	-0.0879
rs4552929	T	-0.0308
rs75669756	C	0.0378
rs10503270	T	-0.0256
rs2010788	T	-0.0226
rs433490	G	-0.0287
rs75538719	T	0.0638
rs78578550	T	0.0652
rs71510110	A	-0.1645
rs7819338	C	0.0861
rs139790961	C	0.1167
rs138415935	A	-0.1469

rs143961826	T	-0.0811
rs62519206	G	-0.1375
rs307740	G	-0.0219
rs75332815	G	-0.1199
rs72727811	T	-0.0832
rs75903074	A	0.0336
rs16902147	C	0.0971
rs117541847	C	0.0938
rs35097569	C	0.1473
rs12680918	T	-0.0527
rs112110493	C	0.0943
rs76093107	A	0.0758
rs12542155	G	0.0219
rs72670759	T	0.0752
rs61205559	G	0.038
rs112646805	A	0.0716
rs117469795	T	0.1883
rs117979403	G	0.0908
rs74731529	G	-0.1368
rs71528708	A	0.0633
rs3018911	T	0.0988
rs59606339	C	-0.1043
rs77654261	T	0.0853
rs73260731	C	0.0784
rs117305949	C	0.0963
rs6991990	T	0.0231
rs62530042	T	0.0937
rs4074834	C	-0.0355
rs118134834	A	-0.1665
rs1541933	A	-0.065
rs17632963	G	0.028
rs73222551	A	-0.2111
rs2726980	C	0.0282
rs7842658	C	0.0354
rs2357956	T	-0.0237
rs147564562	T	-0.0278
rs150868293	A	0.0293
rs1388953	T	-0.0317
rs147598798	G	-0.0699
rs28484850	A	0.0457
rs10103724	G	-0.0299
rs79609795	A	-0.123
rs11782962	A	0.1105
rs6993988	G	-0.0231
rs116854242	A	0.1411
rs148319884	C	0.1259
rs62502457	G	0.1078

rs6472316	C	-0.0652
rs16896659	C	0.0318
rs117285233	T	0.0865
rs10102764	C	-0.0266
rs112883887	G	-0.1587
rs4314634	A	0.0238
rs9314548	A	-0.0433
rs112951212	G	-0.0542
rs57165765	C	0.0792
rs3735980	T	-0.0245
rs2622590	A	-0.0308
rs73687604	T	-0.2128
rs145791813	C	-0.0753
rs113937294	C	0.0913
rs549043	A	0.0373
rs11782925	A	-0.0428
rs117366758	T	0.0804
rs73442789	T	0.0674
rs17597333	C	0.023
rs62485661	T	0.0242
rs4733950	A	-0.0355
rs16898151	A	0.053
rs138780076	A	0.1415
rs4382481	T	-0.0545
rs147929778	T	-0.0978
rs79185314	A	-0.0473
rs1442395	T	0.0214
rs2614114	T	-0.0239
rs117809155	G	0.1238
rs149600963	A	-0.082
rs2197393	A	-0.0298
rs13249350	A	-0.0254
rs12542653	T	-0.0347
rs28559595	T	0.0696
rs113598024	C	-0.1381
rs17632001	C	-0.0432
rs28537965	C	0.1484
rs55845554	T	0.079
rs74949220	C	-0.0565
rs72666518	C	0.0729
rs117764174	A	-0.0989
rs2853282	T	0.0297
rs74476672	T	0.0709
rs17268635	G	0.1062
rs116995493	G	-0.1012
rs16901512	G	-0.0589
rs141925157	G	0.1336

rs4310230	C	0.0217
rs6586642	C	0.0302
rs2170484	T	-0.0401
rs28690102	T	-0.0264
rs6472472	T	-0.0221
rs11774161	C	-0.0343
rs74910418	C	0.1541
rs11990439	G	-0.1436
rs79383412	C	0.1119
rs72652153	C	0.0472
rs11779840	A	-0.031
rs13271127	C	0.0434
rs11781260	A	0.1071
rs62496781	A	-0.2245
rs13267197	C	-0.0336
rs7844309	T	-0.0637
rs72675163	C	0.0708
rs28522929	T	0.0258
rs78345524	T	0.1064
rs146834829	G	0.1652
rs111913528	G	-0.0858
rs113171342	T	0.0818
rs12679609	A	0.0301
rs78694880	T	-0.1456
rs73218756	A	-0.0302
rs1442894	C	-0.0334
rs78117459	G	0.0475
rs11136427	C	-0.062
rs13270888	C	0.0264
rs17693103	T	0.0304
rs3944747	A	0.038
rs28498602	C	-0.0277
rs3758088	C	-0.0246
rs1358268	C	0.0213
rs143932839	T	0.1266
rs117452764	G	0.0905
rs7006988	C	-0.028
rs78595603	A	-0.1591
rs2977509	G	-0.0232
rs12548471	C	-0.0894
rs3106317	G	-0.0456
rs77531786	G	-0.1354
rs776261	T	-0.0253
rs6992928	C	0.0285
rs11783433	C	0.0953
rs79896518	T	-0.0827
rs7824042	T	-0.0286

rs62513883	T	-0.1301
rs60123360	T	-0.0359
rs4548180	T	0.0229
rs147048430	T	-0.1281
rs75318169	C	0.0754
rs114751814	C	0.0898
rs36154387	G	0.0388
rs146371195	T	-0.1133
rs117753442	C	0.0844
rs75904373	G	0.0731
rs140169038	G	0.1094
rs62526621	T	-0.0315
rs11784619	A	0.0797
rs17118702	T	0.0304
rs10090993	T	0.0354
rs146873836	G	-0.0803
rs2380472	A	-0.0325
rs116898491	A	-0.0908
rs4391401	A	0.0353
rs150576367	A	-0.0592
rs142718833	T	0.1359
rs80129471	A	-0.0838
rs76006906	C	0.0916
rs57419397	T	0.1139
rs117208114	A	0.0912
rs17252580	C	0.0723
rs4237085	A	-0.0653
rs143089503	T	-0.0881
rs146706952	A	0.1677
rs56021502	A	-0.0735
rs72684232	A	-0.0686
rs138295898	C	0.0839
rs3988279	C	-0.0219
rs80064827	A	-0.1077
rs146983172	G	-0.0799
rs141414343	T	-0.1125
rs117528653	G	0.0898
rs17580305	G	0.0749
rs11787082	T	-0.0915
rs117726975	G	-0.1088
rs62498645	T	0.1764
rs116749971	C	0.0554
rs11987760	G	0.024
rs1269694	G	0.0229
rs12680483	A	-0.029
rs1369769	A	0.0243
rs10086659	C	-0.0366

rs117671808	G	0.0968
rs72683205	C	-0.0439
rs142537252	A	0.1184
rs2470050	G	-0.0242
rs13257007	T	0.0628
rs73210842	C	-0.0282
rs62527938	A	0.0434
rs10094735	T	0.1271
rs7842184	T	0.111
rs57400114	A	-0.064
rs73514346	A	-0.0393
rs73622141	T	0.061
rs1424867	C	-0.029
rs117752049	C	-0.1081
rs73658136	C	0.0454
rs58535363	G	0.0216
rs35475604	A	0.0399
rs117854732	G	0.1553
rs117858137	G	0.1359
rs7832794	C	-0.0828
rs12675384	T	-0.0238
rs1858709	C	0.0208
rs146598157	A	-0.0755
rs142486869	A	0.0928
rs117945302	T	0.1426
rs62522940	T	-0.1053
rs17342815	T	0.0553
rs7813641	A	-0.0472
rs3886001	T	0.1958
rs78866747	T	-0.1422
rs4457311	G	-0.0208
rs112836310	A	0.1095
rs2035387	T	-0.0526
rs61757563	A	-0.0682
rs7008266	A	0.021
rs78716984	T	0.0526
rs381629	T	-0.0245
rs142238419	A	0.1738
rs117510848	T	-0.1073
rs74984377	G	0.1332
rs35487336	T	-0.0905
rs77691174	C	0.1253
rs72629602	G	0.0702
rs4733070	A	-0.0219
rs139066343	T	-0.0643
rs138543505	C	0.1712
rs4629833	A	0.0224

rs75584172	A	-0.0971
rs76864564	T	0.1101
rs34031939	A	0.0571
rs77661506	A	0.0965
rs776959	C	-0.0228
rs10094811	G	0.1252
rs12548565	G	0.0224
rs7008292	C	0.1133
rs62502266	T	-0.1242
rs141878756	T	0.1826
rs73367663	T	-0.046
rs75361840	T	-0.1083
rs117419833	G	-0.174
rs2077535	C	0.0217
rs148321197	C	-0.1371
rs117574291	A	0.1211
rs73590372	A	-0.0355
rs16876478	A	0.1178
rs10088869	G	0.0352
rs140988043	A	0.0619
rs7008027	C	-0.0323
rs74860691	T	0.051
rs80254815	T	0.1807
rs1013209	T	0.024
rs10095756	G	0.0329
rs13255552	T	0.022
rs3812416	G	-0.0733
rs76329009	G	0.0551
rs7816810	C	0.0545
rs28633536	T	-0.0699
rs4601298	C	0.0205
rs7008113	A	0.0264
rs148542103	A	-0.1521
rs117017955	A	-0.0688
rs76967344	A	-0.0456
rs2158703	C	0.0434
rs1347547	G	-0.0678
rs72662919	A	0.0401
rs7825431	A	-0.0227
rs767238	G	0.0451
rs117031623	T	-0.0976
rs117567025	G	0.0722
rs4551400	G	-0.021
rs12545100	C	-0.0599
rs12541587	T	0.0282
rs2117148	T	-0.0244
rs117384116	G	-0.1475

rs117884129	G	0.0744
rs7827332	G	0.0305
rs17395764	C	-0.0711
rs117531451	A	-0.1055
rs72656057	T	0.033
rs2034779	G	0.025
rs4510871	A	-0.0397
rs74809958	G	-0.1066
rs75470088	C	-0.0892
rs72681178	A	0.0948
rs12542846	A	-0.025
rs9297985	C	-0.0221
rs73229905	T	-0.0255
rs141763842	T	-0.0964
rs62526653	G	-0.066
rs117140817	T	-0.0443
rs117288868	G	0.0782
rs77503613	T	0.1034
rs1895885	C	0.0238
rs9650275	A	-0.0224
rs76982163	C	0.0642
rs10110874	C	-0.0303
rs6472477	A	0.0206
rs6981045	A	-0.1593
rs671557	C	0.0319
rs76796524	T	0.0945
rs139775175	C	-0.0683
rs80112761	G	-0.1093
rs117959577	G	0.1242
rs4733322	G	0.0298
rs77750035	T	0.0641
rs76102281	A	0.0585
rs56342616	T	-0.0312
rs148767130	A	-0.1281
rs4358768	T	0.0225
rs55890546	C	0.0307
rs116891470	C	-0.0744
rs10099675	A	-0.1089
rs12678832	A	-0.0225
rs143769538	G	0.0836
rs4875313	G	-0.0265
rs8180956	T	0.0259
rs1599473	T	0.0292
rs9643901	G	0.0285
rs67901312	T	-0.1365
rs7823336	C	-0.0256
rs4740115	G	0.0262

rs2199335	G	0.0348
rs34074589	G	-0.0266
rs2645426	G	0.0214
rs496887	A	0.0652
rs116879997	T	0.0623
rs147533329	A	-0.0771
rs55852693	C	0.0226
rs4739064	A	0.1051
rs78289993	G	0.0679
rs111491660	T	0.099
rs1714597	G	-0.0874
rs10481151	C	-0.0386
rs73226800	G	0.0307
rs1869808	G	0.0217
rs117848148	A	-0.1135
rs6473630	T	-0.0252
rs2976589	T	0.0249
rs28619415	T	0.0323
rs4732956	T	-0.0269
rs62512667	T	-0.0855
rs10429272	T	0.0271
rs62528785	T	0.0717
rs17058252	G	-0.0377
rs111599519	G	-0.0982
rs7841590	C	0.0211
rs17124830	C	0.0879
rs145414515	C	0.1107
rs13258752	G	-0.0211
rs7015611	T	-0.0795
rs9298347	C	0.0248
rs12548274	G	0.0397
rs80070741	T	-0.0334
rs118166550	T	-0.1614
rs4738697	C	-0.0737
rs11775560	G	-0.0265
rs79283194	T	0.071
rs13261356	A	0.0357
rs117644756	G	0.108
rs139278659	T	0.0824
rs72722620	G	-0.0619
rs1451363	A	0.0214
rs139563453	C	-0.0659
rs4736926	T	0.0219
rs1838	G	0.0241
rs55747119	A	0.058
rs1018842	C	-0.0211
rs2410684	G	0.0323

rs74811240	T	0.0802
rs4738914	C	-0.0264
rs78783640	T	0.0859
rs3736436	G	0.0239
rs35001371	T	-0.035
rs72659268	T	0.1334
rs72676090	A	0.0739
rs13260600	T	0.0365
rs73190596	C	-0.0512
rs62490151	A	-0.0667
rs16885206	C	-0.0737
rs10092641	T	-0.0394
rs6468355	T	-0.0408
rs35257889	C	0.0303
rs10088974	T	0.1005
rs72670234	A	0.0573
rs150811089	G	0.0906
rs112486447	A	0.0702
rs116888241	C	-0.0568
rs11203785	A	-0.0281
rs141979221	T	0.0962
rs17237257	G	0.0208
rs78574099	A	0.0403
rs75347890	T	-0.0847
rs74570875	T	0.1185
rs74565885	G	-0.1683
rs145726401	T	0.084
rs116970488	G	-0.1287
rs10958017	G	-0.1124
rs74306681	T	0.072
rs112094779	A	0.1062
rs34225774	A	-0.0889
rs2469763	A	-0.0407
rs4481573	G	-0.0233
rs7005586	A	0.0319
rs17631450	A	-0.0349
rs4596664	T	-0.0297
rs13251888	A	0.0504
rs77866298	T	0.1026
rs77981115	T	-0.0951
rs1320377	G	-0.0582
rs150882795	A	0.0673
rs4736925	A	-0.0354
rs145818945	G	0.087
rs1524839	T	-0.0211
rs9987381	C	-0.0301
rs72671444	A	0.0697

rs61663020	A	-0.1279
rs2688294	G	-0.0237
rs7826004	A	-0.1487
rs117295919	A	0.1082
rs11777643	C	-0.1308
rs12550392	G	-0.0245
rs16873506	A	0.1531
rs118124465	C	0.1302
rs6994672	A	0.0987
rs34475631	A	-0.0501
rs10113420	G	-0.0617
rs890443	T	-0.0233
rs71526150	C	0.0622
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rs6981940	T	0.0371
rs117443048	G	-0.1757
rs75581690	T	0.0697
rs7843130	G	0.0389
rs4871397	G	0.053
rs35067039	T	-0.077
rs16885617	T	0.0412
rs143398729	T	-0.174
rs80056059	G	0.1597
rs4732686	G	-0.0212
rs78049679	T	-0.0902
rs6992458	A	0.0333
rs77907442	T	0.0685
rs57690022	A	0.0473
rs79969276	T	-0.0494
rs2741710	T	0.0232
rs4634779	T	-0.1306
rs2172820	G	0.0238
rs78305563	A	-0.0833
rs10095671	C	0.0354
rs13282562	A	0.0208
rs4425792	G	0.0473
rs375017	A	0.0285
rs2121550	C	-0.0208
rs11994504	A	0.0426
rs7007575	T	0.0776
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rs16933301	A	0.0936
rs73684384	T	-0.0435
rs1509849	G	0.0206
rs2617030	G	0.0214
rs35200988	C	-0.026
rs71523427	C	0.1182

rs113483209	C	-0.0445
rs28838027	A	0.0267
rs117386158	G	0.1047
rs138496517	C	0.0981
rs4875736	A	-0.0716
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rs77233730	T	0.0572
rs11993273	G	0.0225
rs6470258	C	0.0293
rs113852898	C	0.0524
rs78588388	G	-0.1479
rs71514796	G	0.0557
rs11783845	A	-0.0888
rs4922153	G	-0.0226
rs73224741	T	-0.0491
rs139769108	C	-0.104
rs9644682	G	-0.0777
rs892422	A	-0.0223
rs146706620	T	-0.1568
rs622785	G	-0.0581
rs6470399	A	-0.0214
rs72689954	T	0.0539
rs2912523	A	-0.0256
rs7814228	G	0.0228
rs7841146	G	-0.0702
rs6474491	C	0.0261
rs7819681	A	-0.0358
rs3133643	C	0.0452
rs2385075	C	0.036
rs721590	G	-0.0264
rs80036584	T	-0.0958
rs10107379	C	-0.0258
rs6994700	T	0.0238
rs11994659	C	-0.0405
rs73226053	G	0.0481
rs16902141	A	0.0258
rs11786204	T	-0.0235
rs77341202	A	-0.0803
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rs143604790	C	0.0657
rs117147695	A	0.0837
rs139860452	T	-0.1058
rs11785345	G	-0.0341
rs349335	C	0.0295
rs71514927	G	0.0605
rs74749256	C	0.0805
rs11993109	G	0.0368

rs12550804	G	-0.0598
rs141547967	T	0.0219
rs2904671	G	-0.0269
rs6578068	T	-0.0211
rs78416427	T	-0.1112
rs147769924	C	0.1132
rs13274641	A	0.0245
rs17282225	C	0.1145
rs2977523	A	0.0206
rs28605621	A	0.027
rs34607844	A	-0.0496
rs72657059	G	0.1931
rs1532577	G	-0.0232
rs2954699	T	0.0221
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rs28645367	A	-0.0858
rs4073594	A	0.0289
rs78977504	A	-0.0757
rs79243480	A	-0.0536
rs6473855	A	-0.1317
rs3793435	T	-0.021
rs10109692	C	0.0944
rs75385437	A	0.0529
rs151205408	A	-0.0859
rs10113567	A	-0.0307
rs875366	A	0.0212
rs2979772	T	0.0237
rs2070687	G	0.0297
rs57434174	T	-0.0324
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rs4607574	C	0.1467
rs11780415	A	0.0444
rs1347231	C	-0.0578
rs7001454	G	-0.0395
rs58787773	T	0.04
rs75413818	C	0.0341
rs12674527	G	0.0411
rs17073854	T	-0.0373
rs17461136	T	0.0682
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rs117743777	T	0.1237
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rs145936995	G	-0.1301
rs9987152	G	0.1095
rs57135888	T	0.1332
rs77928288	T	0.1146
rs17060900	G	0.0595
rs2466182	G	-0.0204
rs118051173	C	0.1216
rs13262297	T	0.0372
rs55977487	G	-0.0827
rs77935116	A	0.0933
rs117333206	A	-0.1001
rs73201297	T	-0.0456
rs4872360	C	0.0235
rs35631195	T	0.0338
rs146123359	C	0.0996
rs142977072	A	-0.1695
rs34083785	A	0.0217
rs4840508	C	-0.0251
rs17069926	T	0.1508
rs17420616	C	-0.0419
rs78470252	A	-0.0849
rs112311770	T	0.0862
rs13270334	T	-0.0635
rs116775305	A	0.0865
rs117823502	T	-0.0937
rs17055163	G	0.0298
rs117600112	C	0.1192
rs10097139	C	0.0211
rs1388371	T	0.025
rs76941634	A	0.0941
rs3735828	G	0.023

rs13261466	T	0.0248
rs62514718	T	-0.0393
rs74820353	C	-0.0761
rs4478542	G	0.0218
rs7817662	A	-0.0527
rs7833416	A	-0.0372
rs4739470	A	-0.0294
rs2728436	T	0.0227
rs13279707	T	-0.0492
rs79031462	G	-0.0664
rs116920651	A	-0.0571
rs2253078	G	0.0205
rs116937600	C	0.0552
rs80257016	G	0.0307
rs2173117	A	-0.0216
rs16879609	C	0.0911
rs56040398	C	0.1345
rs13276981	A	0.065
rs116910919	A	0.1319
rs117245568	G	0.0738
rs1471268	T	0.0217
rs111657422	C	-0.0666
rs137962830	G	0.0721
rs73175163	A	0.0833
rs17744835	T	0.0615
rs10088686	A	0.0279
rs74742444	A	-0.0953
rs4645559	T	0.0253
rs77868972	T	-0.0776
rs145312507	C	0.0504
rs118067981	T	-0.0729
rs4240644	G	0.0295
rs117450546	T	0.0424
rs10504149	G	0.0374
rs16921942	C	-0.0317
rs117450119	T	-0.0938
rs144270788	A	-0.1371
rs71530863	C	-0.0314
rs35358635	A	-0.0201
rs8191632	G	-0.1051
rs118171608	C	-0.1149
rs76971017	G	-0.0898
rs10107703	T	0.0548
rs2613128	A	-0.0236
rs75977577	G	0.0889
rs10093418	G	0.0331
rs79566493	A	0.0644

rs1235387	T	-0.0252
rs4733640	A	0.0265
rs34281757	T	0.043
rs2957634	C	-0.0307
rs2430801	T	-0.0274
rs6474422	T	0.022
rs55984612	C	-0.0468
rs2247534	A	0.02
rs1469765	A	-0.0237
rs34961790	A	0.0552
rs143273272	G	-0.0807
rs7842962	T	-0.0477
rs12550664	A	0.024
rs72649326	T	-0.1488
rs6473008	C	0.0208
rs76678758	A	0.0546
rs71524596	C	0.0257
rs117768962	C	0.0985
rs4736570	T	0.0208
rs6998179	T	-0.0228
rs73514597	A	0.0244
rs2685593	C	-0.027
rs55968191	A	-0.0267
rs113697909	T	-0.0752
rs146585615	C	0.0993
rs10958627	A	-0.0596
rs10156374	A	0.0388
rs113909287	T	-0.1642
rs34180088	C	0.0347
rs504387	G	-0.0749
rs55949834	C	0.0839
rs73671030	A	0.1018
rs34675685	A	-0.0841
rs79348942	A	0.0604
rs113294413	G	0.1464
rs1426569	T	-0.07
rs4626616	A	-0.0231
rs117072671	T	-0.0881
rs10504180	A	0.0369
rs62520258	T	-0.095
rs62515760	G	-0.0518
rs66509096	A	-0.0204
rs62517408	G	0.0592
rs117378718	G	0.0959
rs4831379	A	0.093
rs75293541	C	-0.0833
rs11787345	C	-0.0307

rs112200478	G	0.0702
rs79846554	A	0.0658
rs6996245	C	0.0957
rs10091736	A	-0.0225
rs73184308	C	0.1407
rs143161024	A	0.1356
rs2555561	T	-0.0256
rs113060442	A	-0.093
rs4612322	C	0.0256
rs12546973	A	0.085
rs117452492	G	0.0439
rs67270397	G	0.0396
rs11995254	T	-0.0744
rs117000077	T	-0.1716
rs117979943	A	-0.1133
rs4734367	C	0.0342
rs4559266	A	0.023
rs2925451	C	-0.0496
rs147653269	C	0.0705
rs1593407	T	0.0256
rs35182259	C	0.0404
rs75609562	T	0.0959
rs13276608	T	-0.0358
rs7832218	C	0.0608
rs6470725	C	-0.0204
rs73171498	G	-0.1288
rs117871919	C	0.0634
rs1325058	C	0.0199
rs71512607	G	0.0589
rs2054597	C	0.0216
rs148654166	G	0.1753
rs76691096	C	0.1437
rs13261640	C	-0.0472
rs118117857	T	-0.0856
rs117727074	C	-0.1256
rs2610026	T	-0.0202
rs77826836	A	-0.0849
rs139553528	C	0.1086
rs116895966	A	0.1045
rs56374951	C	-0.0485
rs16920800	T	0.0251
rs10957070	C	0.0266
rs62490107	C	0.0529
rs60496750	A	-0.0257
rs72672174	A	-0.0545
rs74816642	G	-0.0468
rs71526151	T	0.0446

rs17054678	T	0.0455
rs12681226	C	-0.0227
rs57758950	T	0.0281
rs17825670	A	-0.0662
rs139094212	G	0.1281
rs71521437	G	0.0476
rs56171168	C	0.0207
rs6472429	T	0.0213
rs6994146	T	0.0386
rs17735742	G	0.0788
rs2721907	A	-0.0277
rs74390307	G	0.0464
rs78148796	G	0.0769
rs112330911	T	0.0873
rs74778165	C	0.1002
rs72507619	C	0.0443
rs6984108	C	0.098
rs76971967	A	0.0599
rs74428989	A	0.1049
rs7821789	A	0.0803
rs80084696	G	-0.0891
rs11987970	G	-0.0204
rs4543506	G	-0.0584
rs10108050	C	0.0614
rs28756805	A	0.0879
rs7001046	C	-0.0213
rs79665026	C	0.0463
rs76227618	G	-0.0725
rs60799361	C	-0.0311
rs964618	C	-0.032
rs11784677	T	0.0724
rs113084430	C	0.0806
rs9792175	A	-0.0198
rs62525834	G	0.0613
rs34024785	A	0.0564
rs2979148	T	-0.0205
rs13277396	G	0.0309
rs10808462	A	-0.0389
rs148351801	T	-0.0647
rs138377260	G	0.0599
rs2676638	A	-0.0351
rs117526810	T	-0.0746
rs2406305	C	0.0335
rs114306595	A	0.0779
rs16910662	T	-0.0317
rs10088108	G	-0.0254
rs111745810	C	0.0995

rs117916977	G	-0.0934
rs13252711	A	0.0408
rs77033808	C	0.192
rs116994523	G	0.1186
rs16905236	C	0.0209
rs10283064	T	0.0271
rs13439473	G	0.029
rs77046693	T	0.1182
rs62514873	C	-0.0441
rs149395299	C	0.136
rs12056396	G	0.0214
rs12547047	T	0.0263
rs17093480	A	-0.0267
rs58504358	C	-0.025
rs72636690	G	0.0568
rs12156059	G	0.1284
rs984904	C	0.0207
rs3101317	G	-0.0316
rs55635531	A	-0.1349
rs34665367	G	0.1302
rs4645974	T	0.0834
rs11987549	T	-0.0269
rs118143181	C	0.0752
rs77491870	T	0.099
rs12547771	T	0.0323
rs11996448	G	-0.0467
rs113191247	T	0.0497
rs72676734	T	-0.0308
rs113028713	A	0.1245
rs2101663	G	0.0348
rs2513407	C	-0.0209
rs75210227	C	-0.063
rs111583725	A	-0.2051
rs10096300	T	0.0928
rs4735938	G	0.0274
rs35143513	T	0.242
rs13282045	C	-0.0285
rs12545386	T	-0.0447
rs76412623	A	-0.0666
rs117792780	T	0.1005
rs34450678	G	0.0622
rs80200786	T	-0.11
rs4275238	G	0.0512
rs2956796	A	0.0458
rs111561632	C	-0.14
rs28893272	A	-0.0249
rs72641947	T	0.1286

rs116862601	T	-0.1004
rs13282499	G	-0.0207
rs1026380	T	-0.0398
rs12676505	A	0.0286
rs73188684	A	0.0365
rs6988938	G	0.0196
rs75230435	G	0.0524
rs80090750	A	0.0517
rs138528686	T	-0.0708
rs74788010	T	0.1092
rs3829210	A	-0.0201
rs62520372	G	-0.0266
rs17674389	T	0.0327
rs58868465	G	0.0396
rs2915065	G	-0.025
rs963080	C	0.0224
rs11203935	G	0.0249
rs78511696	G	-0.1114
rs75215455	G	0.1002
rs74698419	T	0.0666
rs4299988	C	-0.0211
rs10956907	T	-0.1278
rs1403567	G	0.0201
rs79421725	A	-0.1106
rs118112411	A	-0.0928
rs117065410	C	-0.1272
rs13280677	T	0.0856
rs73185769	T	0.0716
rs72633941	G	0.0371
rs146661551	A	0.1613
rs79771358	A	-0.2293
rs117819265	C	0.0776
rs73658220	G	-0.0715
rs75243846	C	0.0405
rs79131954	A	0.1417
rs71519529	C	0.059
rs75679157	A	0.0734
rs3018441	T	0.0244
rs2249869	C	0.0213
rs62495675	C	0.0609
rs7812728	G	0.0296
rs117609822	C	0.1248
rs1467161	T	-0.0315
rs16880474	C	-0.105
rs151062060	A	0.074
rs36067242	A	0.0302
rs117674838	T	-0.1048

rs76759586	A	0.0324
rs3109598	T	-0.0823
rs75267312	T	-0.1147
rs80124671	A	0.071
rs78609812	C	0.1251
rs79813388	C	0.0464
rs34301206	T	-0.0806
rs140660630	G	0.1256
rs150157420	C	0.194
rs147433643	C	-0.0965
rs10217020	C	-0.0288
rs72641665	T	-0.0573
rs7016858	A	0.0578
rs73719985	G	0.0516
rs74548601	G	0.0465
rs35385696	C	0.0277
rs6987434	A	0.0315
rs12675430	T	-0.0664
rs117793168	A	0.0815
rs10098460	C	-0.0288
rs7821403	A	-0.0351
rs56008427	T	-0.0293
rs75164982	T	-0.0916
rs75800159	C	0.1286
rs113426706	T	0.0542
rs117045492	A	-0.1331
rs882229	A	-0.0279
rs1228296	C	0.0263
rs7826681	C	0.0226
rs10504380	T	-0.0349
rs117695243	A	-0.1237
rs62514141	T	-0.0521
rs117787897	C	-0.1164
rs12550791	G	-0.1219
rs6981557	C	0.0416
rs118173746	T	0.0607
rs2172780	G	0.0588
rs74892975	G	0.1099
rs62505609	T	0.0333
rs12543024	C	-0.0232
rs11779543	C	-0.0488
rs62521043	C	0.1149
rs4240662	C	0.0292
rs1662080	A	0.152
rs72650385	A	0.0386
rs62525681	C	-0.0924
rs34451318	C	0.0248

rs78553033	G	-0.1418
rs78602852	G	0.1103
rs72728027	G	0.0653
rs113993491	C	0.1114
rs57043821	T	-0.0249
rs76086621	T	0.0857
rs72646351	C	-0.0867
rs145932781	T	-0.1376
rs76763990	A	0.0513
rs4871319	G	0.0361
rs143966405	T	0.0866
rs10089768	G	-0.0483
rs140746982	G	0.0829
rs13274593	T	0.0211
rs56070845	C	0.0373
rs2912495	A	0.0207
rs10097082	G	0.0351
rs112174474	T	0.0534
rs57606700	G	0.0611
rs10101323	A	-0.0201
rs387271	C	0.0578
rs12545061	T	-0.02
rs34417282	A	0.074
rs117341877	C	0.056
rs6993846	G	0.025
rs75232558	G	0.1207
rs60117247	C	-0.0237
rs76464509	C	-0.1332
rs4870766	C	-0.038
rs112999326	C	0.1117
rs116852367	G	-0.1001
rs10086802	T	-0.1668
rs143630913	T	-0.0575
rs142566386	T	-0.0653
rs74722706	T	0.1585
rs12155545	C	-0.0555
rs13439016	G	0.0248
rs16902657	T	-0.0811
rs78575333	G	0.0581
rs138541968	T	0.1053
rs7006081	G	-0.0211
rs117375785	A	0.1007
rs62523473	T	0.0889
rs75734402	T	0.0944
rs140019911	C	0.0923
rs6472855	T	0.0241
rs573652	T	0.0742

rs62525945	T	0.1335
rs482512	T	0.0535
rs138848660	G	-0.1112
rs116848560	A	-0.0977
rs116963505	G	-0.1349
rs28558163	G	-0.0797
rs150635478	T	-0.1361
rs111396851	G	0.1207
rs7004486	T	-0.0216
rs72677102	C	0.0825
rs2511741	G	0.046
rs117223732	T	0.0996
rs138732831	G	0.1107
rs6473792	A	-0.0258
rs76464990	A	-0.1119
rs13273765	G	-0.0207
rs79684485	A	0.0838
rs72651307	G	0.0775
rs13272827	C	-0.093
rs4870887	A	-0.0208
rs79868281	G	-0.1232
rs4732955	C	-0.0489
rs139974422	A	0.0961
rs75548743	T	-0.0612
rs17374554	C	-0.094
rs77171565	T	-0.1182
rs118014922	T	-0.066
rs147464495	T	-0.1202
rs117744293	T	-0.1092
rs77333195	C	0.1302
rs140036274	A	-0.1157
rs35293194	G	0.0726
rs77104741	G	0.1412
rs71512609	C	0.0809
rs74347784	G	0.0498
rs2114245	C	-0.0254
rs9644434	G	-0.023
rs35679564	G	-0.1354
rs13278017	T	-0.0303
rs12548766	A	0.0204
rs148222530	C	0.0789
rs79613512	T	0.0931
rs112252251	A	0.0809
rs900090	A	0.0752
rs75324706	C	-0.0852
rs17059088	C	0.0275
rs76517668	T	-0.0502

rs2952006	T	0.1167
rs56212521	A	0.035
rs146966463	C	-0.1169
rs73279991	T	-0.0911
rs16910959	C	-0.0311
rs118142866	C	0.0828
rs112263785	G	0.0251
rs9643632	G	0.0256
rs4734657	G	0.0286
rs12164187	A	-0.0287
rs13249412	C	0.1615
rs17749393	G	-0.0361
rs1499439	A	0.0221
rs10102145	C	-0.028
rs11204153	T	0.0212
rs11784364	T	-0.0203
rs6990818	G	0.0215
rs6998964	G	0.0502
rs4647906	A	0.0206
rs57906368	A	0.1118
rs9643083	C	-0.0549
rs72720419	C	-0.0326
rs7459445	C	-0.048
rs7835692	A	-0.0208
rs11783346	A	-0.0195
rs62499907	A	-0.0486
rs77359933	T	-0.0733
rs117646409	A	-0.1516
rs62517162	T	0.1161
rs73336867	G	0.0664
rs60723268	G	0.0254
rs17662942	T	0.0601
rs12545374	T	0.0312
rs117566217	C	-0.0969
rs11136635	C	0.022
rs28476607	C	0.0223
rs117604010	A	0.0909
rs2919465	C	-0.0283
rs1604897	T	-0.0254
rs80082463	A	-0.0604
rs2218060	G	-0.0215
rs61387428	T	0.0963
rs116978147	A	-0.1356
rs1252206	T	0.0684
rs143491088	T	-0.0937
rs72692135	C	0.0819
rs34557926	T	-0.0201

rs1078321	G	0.0194
rs78692224	A	0.0635
rs2741136	G	-0.0216
rs10102466	A	-0.1099
rs10107684	T	-0.0313
rs62507624	C	-0.0467
rs2554562	T	-0.0245
rs74427390	T	-0.0792
rs6985158	A	0.0622
rs79076738	T	0.11
rs72648770	G	0.0293
rs72609841	T	-0.0289
rs1835841	C	0.0197
rs6473778	T	0.1205
rs62524914	A	-0.0705
rs113613791	G	0.0414
rs35107632	G	0.082
rs13280730	T	0.0269
rs2924905	T	0.0306
rs10095938	C	-0.0368
rs4129295	A	-0.0258
rs13255815	T	0.024
rs10504281	G	0.0241
rs1542682	A	0.0267
rs9656990	G	0.0305
rs13270825	A	0.0866
rs74871116	C	0.0326
rs13257039	A	0.0233
rs4609156	C	-0.0218
rs2461327	G	0.0394
rs147101657	T	0.1062
rs35113952	T	-0.0275
rs10113115	G	0.0215
rs10955316	A	0.0204
rs117581589	C	0.0695
rs13262715	A	-0.0866
rs148051818	G	0.1565
rs2436862	C	0.1116
rs117926761	G	-0.0968
rs2468150	T	-0.0205
rs7002952	C	0.1118
rs56282058	A	-0.1179
rs139741154	T	0.1169
rs73250465	T	0.0271
rs10098235	G	0.0644
rs62504673	C	-0.0233
rs62526841	G	-0.0727

rs2172781	A	-0.0223
rs113324877	T	0.0305
rs10464876	A	0.0669
rs508630	C	0.0247
rs1265154	G	-0.0291
rs7461241	T	-0.071
rs11781854	C	-0.0365
rs2920051	G	-0.0283
rs1863563	C	0.0203
rs17665609	C	-0.0676
rs77428636	A	0.1806
rs78483573	A	0.0949
rs2980885	G	-0.0228
rs150428099	T	0.1092
rs4339618	T	-0.0315
rs138868834	A	0.0957
rs2730047	A	-0.0549
rs117999602	T	0.1218
rs77815374	T	0.0575
rs16909184	G	0.0515
rs111966287	C	0.1124
rs12677501	G	-0.0263
rs76679463	G	-0.1025
rs28538457	C	-0.088
rs62511800	A	0.0653
rs7829104	C	0.0289
rs62511177	A	-0.1466
rs75564607	C	0.0718
rs62523268	A	0.1035
rs28654938	A	0.0383
rs10088859	T	0.0575
rs2703013	C	-0.098
rs145317911	G	-0.1127
rs10093300	C	0.0426
rs148906182	C	0.109
rs144592713	A	0.0702
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rs77057517	T	0.051
rs35836811	A	-0.0658
rs57442358	A	-0.0899
rs4871412	T	-0.086
rs117146531	G	-0.1508
rs117266555	T	-0.0558
rs79096456	A	-0.0785
rs11775833	T	-0.0216
rs141361271	C	0.1003

rs2583082	C	-0.0245
rs28595776	C	-0.1013
rs4427288	A	-0.0248
rs114924209	C	0.087
rs1877856	T	0.0333
rs138089781	C	0.0877
rs68054037	G	0.025
rs2977484	C	0.0322
rs13260242	G	-0.0442
rs10505380	G	0.0256
rs73188225	A	-0.0601
rs112338203	C	0.0438
rs76147802	T	0.0584
rs150182930	T	0.1833
rs2959565	T	-0.0195
rs2568450	T	0.0373
rs16905290	A	-0.033
rs6471685	C	0.0375
rs7016645	T	0.0219
rs117631760	C	0.115
rs6998248	C	0.03
rs11203790	C	-0.1009
rs2976336	T	-0.0199
rs28839267	A	0.0226
rs79333800	C	0.1079
rs28718353	C	0.1202
rs142006768	C	-0.0965
rs150006843	T	-0.174
rs16902763	T	-0.0441
rs79136639	C	0.13
rs144001556	C	0.1298
rs116861703	C	0.0778
rs117126733	C	0.0937
rs4871789	A	0.0196
rs28359478	T	0.0869
rs4733717	C	0.0201
rs11996665	T	-0.0223
rs76222523	G	-0.0396
rs17663290	T	-0.0703
rs149242019	T	-0.1675
rs36028712	C	0.0411
rs55794668	T	0.0774
rs56323909	G	0.0332
rs77917366	G	0.0336
rs1692813	T	0.0264
rs74890355	C	0.0652
rs139508342	T	0.1187

rs76270276	T	0.073
rs138459148	A	0.0618
rs17068542	C	0.0352
rs4737570	A	-0.0551
rs13272384	C	-0.1474
rs117914272	A	0.0869
rs79524590	C	-0.0572
rs76801648	G	-0.1611
rs77781020	A	0.0816
rs13255292	T	-0.0211
rs75754122	A	0.0649
rs142168353	A	-0.0985
rs77393937	C	-0.0582
rs75627367	A	-0.0633
rs148965297	G	-0.0826
rs117941615	T	0.144
rs78605166	A	-0.0858
rs2594959	C	-0.0257
rs34235852	T	-0.1355
rs118072691	T	0.1586
rs4595130	T	0.0286
rs72728013	G	0.0232
rs145415939	C	0.1304
rs149250284	T	-0.1479
rs79782859	C	0.0749
rs148158221	T	0.0689
rs16891294	T	-0.0794
rs118035863	A	-0.0667
rs140592384	T	-0.0896
rs76898417	G	0.0646
rs7016840	T	0.0516
rs74932216	A	0.1259
rs79636860	C	0.0833
rs67522667	T	0.0203
rs11166962	C	-0.0197
rs2047375	A	0.0214
rs75265241	C	-0.0391
rs6998029	C	0.0625
rs56377863	A	0.0221
rs261572	G	0.0321
rs74693503	T	-0.0594
rs116965998	C	0.1329
rs4739109	G	0.033
rs145570629	A	-0.0844
rs75914656	T	-0.0289
rs75925590	C	0.0643
rs78670356	G	0.128

rs4736533	G	-0.0195
rs60957496	T	-0.0265
rs62524577	T	-0.0332
rs13251662	T	0.073
rs150125706	C	0.1205
rs4439084	G	0.0204
rs13276054	G	0.0211
rs6981994	C	0.1029
rs4831375	T	0.043
rs77561982	C	-0.0978
rs7011514	C	-0.0274
rs74916087	G	-0.0707
rs77106575	T	-0.0734
rs13249494	G	-0.0261
rs75298101	A	-0.0533
rs67225731	C	-0.0298
rs7822305	G	-0.0543
rs79472506	C	0.0893
rs1235369	G	0.0955
rs117888045	T	0.0448
rs34574215	A	-0.0553
rs4077904	C	-0.0261
rs7825349	C	-0.0423
rs62515493	A	-0.1437
rs7388381	T	0.0214
rs77390636	G	-0.0803
rs10103470	G	-0.0228
rs28380041	A	-0.0282
rs12542683	G	0.0294
rs72609815	T	-0.0665
rs2043405	A	0.0271
rs62515769	G	0.0308
rs117626443	G	-0.1053
rs11987468	A	-0.0314
rs11774129	T	-0.0398
rs13255588	C	0.0195
rs79533692	C	0.0583
rs1431562	A	-0.0275
rs62480601	T	-0.0563
rs117471379	C	0.0925
rs78745993	C	-0.1273
rs4876225	A	-0.0207
rs56342536	T	0.0916
rs2436923	T	0.0259
rs35517059	A	0.0363
rs59292525	A	-0.0252
rs4556055	T	-0.0265

rs67611336	C	0.0291
rs16905190	C	-0.0199
rs4424237	T	0.0198
rs7813513	T	-0.0192
rs142819518	A	0.0866
rs72634879	A	-0.0437
rs34307490	T	-0.0481
rs77400493	G	-0.1371
rs62523297	T	-0.059
rs62640293	A	0.0496
rs13260228	C	-0.0465
rs892248	G	-0.0225
rs3857919	G	0.0442
rs117730527	A	-0.0945
rs73233245	T	0.1747
rs56097268	A	0.0559
rs117395532	C	0.0825
rs72690845	A	0.1138
rs77613642	G	0.043
rs530691	A	-0.0213
rs62497440	G	0.0342
rs6470175	C	0.0193
rs1879992	C	-0.0229
rs12115032	T	0.0938
rs142094022	T	0.1021
rs73198979	C	-0.0809
rs13278411	C	-0.0204
rs7818727	G	-0.0223
rs113269795	G	0.1091
rs117327063	T	0.1018
rs28672791	A	0.0418
rs57642095	A	0.0239
rs116930079	G	0.1289
rs117718140	C	0.0867
rs117416737	G	0.149
rs112259117	A	-0.097
rs112728122	A	0.0763
rs4922150	C	-0.0216
rs62497603	A	0.0609
rs79031565	G	-0.0855
rs76158229	A	-0.0891
rs28517741	T	0.0584
rs1155199	G	-0.0193
rs3935170	G	-0.0196
rs9329203	G	-0.0226
rs77423629	G	0.1002
rs17778118	G	0.0325

rs118176716	C	-0.0484
rs4976936	T	0.0383
rs7018455	G	-0.0199
rs1118617	G	0.0667
rs4737206	C	0.024
rs13264083	C	-0.0569
rs13275877	G	-0.0326
rs73218788	C	0.0844
rs1355600	C	-0.0203
rs75698584	C	0.047
rs117394363	T	0.1275
rs74449519	A	0.0691
rs76731421	T	-0.0286
rs73705026	G	-0.0705
rs34845246	A	0.0556
rs13258993	A	-0.0909
rs10956125	T	-0.0256
rs13265893	C	-0.0288
rs3115659	G	0.0757
rs78600253	A	0.0492
rs62487480	G	0.1286
rs118156226	A	-0.0349
rs112235661	T	0.0854
rs75353197	C	0.0853
rs78457015	A	-0.0755
rs13253415	C	0.0637
rs2450220	C	0.0404
rs79889339	G	-0.1046
rs12334605	G	0.0372
rs7460004	A	-0.019
rs11996466	A	0.0198
rs7838188	T	-0.03
rs13267096	G	-0.0234
rs13253087	G	0.0309
rs117312660	T	-0.1479
rs118055553	C	-0.1511
rs141736335	C	-0.1062
rs10090980	G	0.0353
rs115714667	T	-0.0659
rs117161392	T	0.0764
rs17269707	G	-0.0253
rs138410906	T	-0.1144
rs55716119	A	-0.1549
rs140485343	T	0.1009
rs56261729	A	-0.067
rs62494319	T	0.029
rs1503763	T	0.0252

rs78761659	G	0.0459
rs76975612	G	-0.0736
rs138706873	C	0.1101
rs9886572	C	0.0465
rs142988485	A	0.1123
rs4736139	G	0.0191
rs2926422	G	-0.0257
rs12549312	C	0.0216
rs77536934	T	-0.1034
rs74335301	G	0.0792
rs59649920	C	0.0301
rs111539461	T	0.0875
rs73190836	G	-0.0656
rs75818661	T	0.0291
rs62527280	T	0.0195
rs10098632	T	-0.044
rs16904682	T	-0.0291
rs117105430	A	-0.0701
rs57317065	G	0.033
rs116896375	A	-0.0575
rs13278321	C	-0.0304
rs73280533	T	-0.1233
rs78148502	T	-0.0938
rs16905170	T	0.0965
rs2919380	A	0.0269
rs13272094	C	0.0653
rs2341979	A	-0.0472
rs145830825	T	0.0818
rs17368522	G	0.0222
rs76600824	G	0.0716
rs11984487	G	0.0232
rs138675606	G	-0.0857
rs11995270	C	0.0246
rs62500565	C	-0.0299
rs16934958	T	-0.0311
rs11995380	C	0.0998
rs34754763	T	-0.055
rs117557056	A	0.1903
rs77975479	G	-0.0764
rs76749200	G	0.1496
rs16880206	C	-0.0696
rs11781492	A	0.036
rs2084048	G	-0.0715
rs146458434	C	0.1334
rs12678448	C	-0.0432
rs111232871	C	-0.1146
rs56172835	C	0.0903

rs75115534	A	0.0986
rs17758213	G	0.0552
rs76013276	G	-0.0387
rs34079066	A	-0.0429
rs6472762	T	0.0198
rs148829242	A	0.0907
rs3812429	C	-0.0292
rs73190288	G	0.1244
rs10956169	C	0.0206
rs10957831	C	-0.0237
rs10956380	C	0.0197
rs138419665	A	-0.0855
rs35262672	G	0.105
rs17815879	C	-0.0579
rs117148585	A	-0.1021
rs74537661	C	0.0319
rs17332636	C	0.1101
rs75425456	C	0.0634
rs2921758	G	0.0452
rs12545953	G	0.0197
rs117993295	C	0.0542
rs504574	G	0.0198
rs13263197	T	-0.0954
rs4840410	G	-0.0251
rs72721069	C	0.124
rs72693085	G	-0.0767
rs149033246	T	-0.1377
rs12548673	C	-0.0363
rs117847452	A	0.082
rs146301063	A	0.0844
rs79525950	T	-0.06
rs3019359	T	0.0195
rs353717	A	0.0233
rs2613211	G	-0.0201
rs117735487	T	0.1205
rs4875784	C	0.0208
rs111662592	C	0.1027
rs11991652	T	0.0743
rs112165391	T	-0.1816
rs78947860	G	-0.098
rs73186339	T	-0.1196
rs148373700	G	0.1077
rs9657367	G	0.0192
rs75959861	G	-0.0682
rs11989984	T	-0.0537
rs4361764	A	-0.0189
rs2164927	C	0.0879

rs62516826	C	0.0459
rs76837246	C	0.1124
rs6985955	C	0.0461
rs12544743	C	-0.0961
rs12544747	T	-0.1432
rs10956535	C	-0.0211
rs76752894	A	0.1062
rs11998295	T	0.0562
rs7002119	T	0.0306
rs117761956	G	0.124
rs4363243	T	-0.0243
rs3105450	C	0.024
rs909357	A	0.035
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rs9969625	G	-0.0192
rs74679672	C	-0.0582
rs35668340	A	-0.0852
rs7017620	C	-0.0209
rs2702860	T	-0.0217
rs16924541	G	0.087
rs77967235	C	-0.0897
rs80139626	C	-0.1327
rs138764746	G	-0.1211
rs12545208	C	0.0289
rs13254857	A	0.0237
rs2975500	A	0.0309
rs116979102	A	-0.0871
rs7829705	G	-0.1239
rs116273361	G	-0.0642
rs72685144	A	0.0782
rs148978642	T	-0.1276
rs59064631	G	0.0716
rs28633639	C	-0.0256
rs12676365	A	0.0276
rs2018616	G	0.0207
rs7013272	A	-0.0696
rs142222106	T	0.0548
rs2884258	A	0.024
rs77099412	G	0.0414
rs77952968	A	0.0652
rs68185222	A	0.0918
rs117226826	T	-0.0618
rs35968422	A	-0.0436
rs143864372	T	-0.0807
rs7839718	G	0.0367
rs77927743	C	-0.0491

rs2441704	C	0.0471
rs62521598	C	0.1381
rs9314347	G	0.0356
rs111762104	A	-0.0826
rs2022913	C	-0.0269
rs6993347	T	-0.0415
rs114488106	G	-0.1195
rs73586627	T	-0.0369
rs117571959	T	-0.0955
rs80070395	T	-0.0714
rs4570168	G	-0.0303
rs59626597	C	0.1172
rs67694747	C	0.0356
rs141564365	A	0.0633
rs148241524	G	0.0804
rs111442509	C	-0.0698
rs2055322	C	0.021
rs72672534	A	0.0629
rs2732309	T	0.0402
rs76648803	C	0.1563
rs142228788	T	0.1376
rs141072864	T	-0.0715
rs77651912	T	0.0264
rs10096024	G	0.0202
rs16876652	G	-0.0298
rs78248243	A	0.0638
rs2445026	G	-0.0309
rs17372597	A	0.1155
rs142830490	G	0.0958
rs13282582	T	0.1014
rs439747	C	0.0214
rs73593682	C	-0.1345
rs139757250	C	0.0833
rs116986448	T	-0.0746
rs118079184	A	-0.0823
rs148026366	C	0.1141
rs12681784	C	-0.0228
rs139800804	A	0.0855
rs3752833	C	0.0462
rs150094120	T	0.1833
rs10113302	G	-0.1195
rs80347593	A	0.084
rs149547292	C	-0.0859
rs17249231	C	-0.0892
rs76114516	A	0.0699
rs150665187	G	-0.0733
rs2339866	A	0.0216

rs117549407	A	-0.1166
rs55875955	A	-0.0572
rs62494453	C	0.0339
rs34068374	C	-0.0237
rs164665	A	-0.025
rs76872288	G	0.0663
rs77532823	C	0.1367
rs73701916	G	0.0561
rs11992185	T	-0.0603
rs12114521	G	0.056
rs140679591	T	-0.0663
rs144716364	C	-0.1675
rs150526328	G	0.0704
rs11781927	A	-0.0278
rs17716502	T	0.0246
rs62533427	T	0.0197
rs61386175	T	-0.0298
rs71514520	T	-0.093
rs11775380	T	0.0261
rs7000501	G	0.0217
rs112863298	T	-0.1313
rs279968	C	0.0185
rs10955497	A	-0.0676
rs76619657	G	0.0499
rs78331587	C	0.0671
rs73660131	G	-0.0424
rs1381003	C	-0.0358
rs149230480	T	0.0881
rs12545390	T	-0.0183
rs79524930	C	-0.1048
rs10112477	G	0.0332
rs1457185	C	-0.0321
rs7015798	T	0.1071
rs2223037	A	0.0206
rs11779594	T	0.0487
rs145940817	T	0.1021
rs117737147	A	0.1691
rs7000128	A	0.022
rs10505128	T	-0.0831
rs41502650	C	0.0816
rs2509768	T	0.0867
rs4588810	T	-0.0922
rs35469155	T	-0.0327
rs6578075	T	-0.0526
rs76003753	T	-0.0688
rs1390512	A	-0.0256
rs72640524	G	0.1469

rs58558359	C	-0.0234
rs7816972	C	-0.0273
rs77489913	C	-0.05
rs67671284	T	-0.025
rs4738006	A	-0.0341
rs1842656	A	-0.0743
rs2720672	G	0.0184
rs144391068	A	0.134
rs77863079	A	-0.0473
rs117873527	C	-0.0709
rs7817409	T	-0.0318
rs28440998	G	0.1727
rs62526737	G	0.0337
rs62489089	A	0.1012
rs2062077	C	-0.0199
rs62524893	C	-0.0471
rs1912470	T	-0.0278
rs17621710	T	0.0461
rs78653514	A	-0.0799
rs150259171	A	-0.0425
rs2514855	C	-0.0209
rs11778149	A	-0.027
rs11996359	T	-0.0272
rs79650812	A	-0.0579
rs58124301	T	0.0263
rs7014143	A	0.0194
rs34785279	C	0.0768
rs285815	T	-0.0187
rs149792237	G	-0.0833
rs17226566	C	0.0306
rs7008507	T	0.0195
rs41312806	A	0.0637
rs11782382	T	0.0253
rs4872320	G	0.0212
rs11782130	T	-0.0205
rs34278880	C	-0.0904
rs117104557	A	0.0623
rs7834932	C	-0.0368
rs75186558	G	-0.0929
rs408398	A	-0.0634
rs35028499	C	0.0656
rs78199049	T	0.0485
rs142179222	A	-0.0818
rs146656442	A	0.0816
rs72667594	A	-0.0397
rs143665821	G	0.1192
rs111456999	A	0.0854

rs268391	T	0.0279
rs7815300	G	-0.0271
rs74889569	T	-0.0338
rs74925267	G	-0.0903
rs112252471	C	0.0741
rs143851032	G	-0.1595
rs2615147	A	-0.0591
rs141146334	G	0.0563
rs28570266	T	0.0191
rs7008954	A	0.0291
rs72721434	C	-0.0243
rs145676326	T	0.0235
rs140090444	A	-0.1013
rs71519661	C	-0.1951
rs41396645	C	0.0449
rs2385162	G	0.0505
rs2385686	G	0.02
rs73210547	G	-0.0673
rs11774205	A	0.0369
rs144543158	T	-0.1576
rs13251081	T	-0.0279
rs74622950	C	-0.1165
rs9297497	A	0.0209
rs2001966	C	0.0261
rs149452325	T	0.0696
rs612423	C	0.0181
rs77475984	T	0.0897
rs7004125	C	-0.0244
rs6997394	A	0.0272
rs72683199	C	-0.0842
rs7007015	A	-0.0435
rs117933211	T	0.084
rs17396194	G	-0.0256
rs117440494	T	-0.128
rs117307578	T	-0.1521
rs148983708	G	0.0826
rs117512957	A	-0.0866
rs10109506	T	-0.0244
rs13274306	C	0.0227
rs72685840	A	-0.1151
rs56225427	T	0.0247
rs141363112	G	0.0849
rs58306009	A	-0.0302
rs118093461	A	-0.1639
rs141344551	A	0.099
rs10099500	T	0.0184
rs1868862	A	-0.0572

rs79551163	A	-0.1731
rs17079739	A	-0.0657
rs1812141	T	-0.0209
rs13249719	A	0.0307
rs143045363	C	-0.0906
rs7812747	G	0.0189
rs6999594	C	-0.0237
rs62497338	T	0.0398
rs10156353	A	0.036
rs111999041	A	0.2047
rs113767068	C	0.0604
rs80237246	T	0.084
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rs73201722	A	-0.024
rs141670990	C	0.1097
rs1993286	T	-0.0206
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rs193041	A	0.09
rs10109791	T	0.083
rs7459568	C	0.0224
rs62498444	G	0.0447
rs117842194	G	0.1033
rs62508235	A	-0.1112
rs72728773	G	-0.071
rs117820382	C	-0.1116
rs6981838	A	0.025
rs147035909	C	0.1228
rs74635968	C	-0.0853
rs143349015	G	-0.145
rs113527266	C	0.0678
rs62501102	A	-0.0288
rs17271629	A	0.03
rs74353788	C	0.051
rs34937056	A	0.0413
rs118130299	C	-0.1158
rs6470563	G	-0.0341
rs149549370	G	0.1051
rs113330983	C	0.0986
rs1372617	G	0.0239
rs17092948	G	0.0246
rs66854454	G	0.0995
rs17585802	G	-0.0515
rs77086485	T	-0.0378
rs13254946	T	0.0201
rs3018455	A	0.0626
rs10216911	G	0.0631
rs117395080	T	0.0625

rs117068900	G	-0.1212
rs78874568	A	0.0711
rs145013953	G	0.1306
rs2736321	A	-0.0553
rs16932054	T	0.0362
rs117837345	C	0.1071
rs118077735	C	0.129
rs117570906	G	-0.1873
rs73184393	T	-0.0548
rs2469766	G	-0.0244
rs13253182	G	-0.0535
rs894153	G	0.0203
rs7014383	C	-0.0268
rs71521856	C	0.0498
rs112973229	A	-0.0844
rs149929711	T	-0.0806
rs17673204	T	-0.037
rs4922220	G	-0.0515
rs16879060	T	0.029
rs7821689	T	0.0292
rs73665740	T	0.0265
rs113307086	A	0.0431
rs146436143	T	0.1253
rs112969495	A	-0.0393
rs11167115	G	0.0224
rs73185649	A	0.0331
rs76020419	T	0.0911
rs10106897	G	0.0184
rs111312249	T	0.0822
rs17286110	G	0.0204
rs150521432	G	-0.0891
rs35590352	C	-0.0217
rs117550253	G	0.0923
rs111844194	C	0.0733
rs76728127	C	0.042
rs76117275	G	-0.0668
rs145719931	A	-0.1154
rs146082916	A	0.1057
rs2634521	C	0.0181
rs2447185	C	-0.0268
rs73187206	T	0.035
rs59371935	C	-0.0884
rs28725382	A	0.0479
rs17712165	C	0.0246
rs146399065	A	-0.1325
rs17658330	T	0.0338
rs6996964	T	-0.0366

rs17750806	T	-0.0215
rs72690960	T	0.0427
rs78297319	G	-0.0336
rs117549487	A	0.1018
rs11782406	A	-0.0542
rs1585170	G	-0.0748
rs138642340	A	-0.102
rs116861149	G	0.0646
rs12682580	T	0.0276
rs7836484	A	0.0249
rs61335927	G	-0.0829
rs145304857	A	0.1328
rs117537168	C	0.0816
rs7465584	C	-0.0204
rs2616182	C	0.0257
rs147744018	A	-0.1055
rs74437232	T	0.1198
rs77588085	T	0.0771
rs77406764	C	-0.0716
rs58394097	T	0.0261
rs7818434	A	0.0257
rs4292655	T	-0.0606
rs56083998	G	-0.0226
rs62492899	T	0.0515
rs7841894	T	0.026
rs11784974	T	-0.0224
rs145736563	C	0.1297
rs147154280	A	-0.1394
rs78995123	T	0.1262
rs115468458	G	0.0421
rs6988755	T	-0.0288
rs62507633	T	-0.0774
rs62523029	T	-0.0355
rs112133470	A	-0.0575
rs11136048	C	0.0381
rs4623373	T	-0.0331
rs950793	T	0.0232
rs3890765	A	-0.0405
rs16884294	T	-0.0412
rs6558928	T	-0.0662
rs4831404	T	0.0236
rs150100751	C	0.1322
rs16936279	G	0.029
rs2325945	A	-0.0253
rs79868575	C	0.0352
rs12677920	A	0.0185
rs73222594	C	-0.0442

rs34196128	G	0.0224
rs1449829	G	0.0206
rs12677341	G	0.0654
rs118185017	C	-0.1179
rs3967938	G	-0.023
rs12155536	G	0.049
rs62531356	A	-0.0199
rs34249114	A	0.0531
rs2507712	A	-0.0913
rs4598235	G	-0.0232
rs35426435	A	-0.0483
rs1531531	C	-0.0196
rs142158434	G	0.0939
rs2004059	A	0.02
rs62520885	A	0.0599
rs9324592	A	-0.0293
rs62501005	C	-0.0888
rs148702291	C	-0.0787
rs72679035	G	0.1032
rs79023486	A	0.0563
rs7836239	G	0.0327
rs2124600	C	0.0197
rs77296193	T	-0.0285
rs72728256	T	0.1054
rs75582771	T	-0.0545
rs60005708	G	0.1145
rs144059407	T	-0.088
rs113648125	G	0.0979
rs4384020	C	0.0217
rs34504452	A	0.0382
rs72638516	C	0.0433
rs79326161	A	0.0957
rs1448544	G	0.0191
rs2571372	G	-0.0278
rs4841587	T	0.0204
rs78871609	C	-0.1059
rs75489414	A	0.0671
rs146004700	T	0.1038
rs6982420	T	0.0489
rs2436920	A	0.0387
rs67638406	A	0.0195
rs117122364	A	0.1495
rs148383135	A	0.13
rs34929165	T	0.1836
rs72670642	A	-0.1073
rs80108559	T	0.1409
rs148642270	T	-0.0937

rs9298281	T	-0.0266
rs7820781	A	0.0301
rs17666477	G	-0.0911
rs2617100	A	-0.0224
rs10103496	T	-0.0604
rs2157651	T	-0.0205
rs10099199	C	0.0279
rs75119030	T	0.0516
rs79930704	A	0.0846
rs114120847	A	-0.1266
rs149176841	A	-0.0916
rs78412506	G	-0.1121
rs55729006	C	-0.0413
rs55665981	C	-0.0535
rs117729747	A	-0.0782
rs117055226	T	-0.1255
rs4629824	A	-0.0629
rs6982304	T	0.0191
rs6583572	C	-0.0198
rs7008439	T	0.0185
rs117837757	A	-0.0972
rs141775964	T	0.057
rs11990693	A	-0.0179
rs4415303	A	0.0206
rs2458412	C	-0.0198
rs17432478	C	0.0669
rs72718832	G	0.0804
rs7846389	C	0.0185
rs112922038	T	0.0394
rs62513781	C	-0.0232
rs143656515	C	0.083
rs17073994	T	0.0216
rs2465001	C	0.0566
rs62518998	G	-0.0414
rs59016986	A	0.018
rs142592830	G	-0.0529
rs145939270	A	-0.095
rs75426839	G	-0.1484
rs17714834	G	-0.0197
rs16935112	C	-0.0484
rs12156192	A	0.0273
rs55745307	C	0.0988
rs62499170	T	-0.0605
rs6995945	A	0.0181
rs13257811	C	-0.018
rs117230955	A	0.0797
rs117839902	A	-0.0562

rs59110554	C	0.0221
rs11776290	A	-0.0181
rs4565462	C	0.0358
rs114763917	C	0.0722
rs9644579	T	0.0282
rs11787099	T	0.0236
rs11987875	A	0.112
rs6999779	A	-0.0272
rs10092400	T	0.0608
rs3779671	G	0.0204
rs76047412	T	0.0778
rs75982463	C	0.0495
rs77131321	A	0.0328
rs2272719	A	0.0198
rs11780790	G	-0.0757
rs75780216	A	-0.0722
rs77718771	T	0.0369
rs117161098	C	-0.1499
rs116180957	C	0.0596
rs117489322	C	-0.0843
rs74590551	T	-0.0879
rs62520082	T	-0.125
rs72728294	T	0.0669
rs10107798	A	0.0646
rs72693380	C	-0.0361
rs3922897	G	0.0211
rs17432810	A	-0.1599
rs78988591	G	0.1202
rs12547913	T	-0.0294
rs7820668	C	-0.022
rs77713853	T	0.0388
rs35517356	G	-0.0534
rs77545303	A	0.0247
rs118099515	T	-0.0443
rs117638788	T	0.0694
rs1462030	A	0.0179
rs3134488	T	-0.0283
rs2729982	C	-0.0285
rs2605892	G	0.04
rs28668488	A	-0.0725
rs142025576	G	0.0906
rs11562695	C	0.0256
rs13279925	G	-0.0216
rs13252504	A	0.0838
rs10092606	C	0.0672
rs72667553	A	-0.0824
rs73320568	T	-0.0691

rs4128779	A	0.0219
rs56072384	G	0.0511
rs117845497	A	-0.1115
rs78969819	C	0.062
rs7830330	T	0.0296
rs7007153	G	-0.0704
rs17088737	C	-0.0241
rs10109385	A	-0.0231
rs2599720	C	-0.0193
rs10090519	G	0.0202
rs144889886	G	-0.1105
rs147456158	G	0.0994
rs78139297	T	-0.082
rs7012981	C	0.0187
rs359528	T	-0.0312
rs10464957	G	0.0396
rs117854714	A	-0.0819
rs79425976	C	0.0929
rs117918410	T	-0.0679
rs2552143	A	0.0259
rs28850959	G	-0.0331
rs10955071	C	-0.0297
rs17697207	G	0.0769
rs7837887	A	-0.0183
rs7003176	C	-0.0603
rs74858813	C	-0.1184
rs28414022	T	0.1033
rs10092549	C	-0.0223
rs17311976	C	-0.0238
rs144444355	T	0.0876
rs118146420	G	0.0868
rs138067634	A	-0.0806
rs143035739	T	0.1331
rs139678054	A	0.0959
rs1403843	A	0.0183
rs3110595	C	0.0243
rs73680140	C	-0.0665
rs57012908	T	-0.0345
rs118164259	C	0.0803
rs7838905	G	-0.0229
rs79959833	C	0.0727
rs111267740	G	-0.0778
rs13255755	A	-0.0533
rs10088098	C	0.0225
rs118022964	A	0.0611
rs79607218	C	0.087
rs17495481	A	-0.0446

rs11785462	G	0.0547
rs17641864	A	0.0353
rs117634670	C	0.0803
rs62509380	A	-0.0579
rs76064864	A	0.0481
rs117118718	A	-0.0852
rs12541769	A	-0.0399
rs79660919	G	0.0758
rs72694414	G	-0.1007
rs144107713	C	-0.0839
rs73507067	A	0.0224
rs117012398	A	0.045
rs144793007	A	0.0454
rs7011133	C	0.0959
rs117252931	T	0.0977
rs6981397	G	-0.0203
rs56280406	T	0.0264
rs78725827	A	0.2002
rs55911652	T	-0.0287
rs4520143	T	0.0523
rs117359434	G	0.0878
rs79779354	A	-0.1069
rs111830911	T	0.113
rs112481031	G	0.1429
rs72690135	A	0.0593
rs34100820	G	-0.0358
rs73201616	G	0.0706
rs113806728	G	-0.0826
rs10503670	G	-0.0179
rs75174686	T	-0.1004
rs3922669	T	-0.0194
rs10098075	G	0.0998
rs112132821	G	0.0724
rs72622855	T	-0.0959
rs78952177	C	0.0651
rs73372159	A	0.0601
rs17760482	G	-0.0719
rs12680471	C	0.0257
rs73197141	T	-0.1644
rs17580618	C	0.0599
rs10505340	T	-0.031
rs117564563	T	0.0808
rs16909306	G	-0.03
rs117384916	A	-0.096
rs6995907	C	-0.0195
rs10090612	C	0.0694
rs7845483	C	0.0205

rs111747962	T	0.069
rs114909308	C	0.0571
rs17431062	T	0.0371
rs34618550	T	-0.1229
rs76562484	A	-0.042
rs35386317	T	-0.0281
rs56152127	T	-0.0643
rs57219937	A	0.1208
rs62476264	A	-0.0248
rs17068332	T	0.0293
rs34159233	A	0.0254
rs147950941	G	-0.1615
rs4977136	C	-0.0346
rs62508296	G	-0.1275
rs16883926	T	-0.0392
rs6984885	A	-0.0273
rs75077885	A	0.0932
rs71523640	C	0.1423
rs4448280	C	0.0266
rs111471275	T	0.0928
rs7012982	G	-0.0184
rs4876213	A	0.0186
rs59130673	G	0.051
rs78899347	T	0.0961
rs2881827	C	0.0222
rs62517732	C	-0.0692
rs34213415	T	-0.0953
rs149244177	G	0.0746
rs113141301	G	-0.0762
rs2350463	T	0.0259
rs7000535	T	0.018
rs7820178	A	-0.0219
rs142084163	A	-0.0614
rs139247919	C	-0.129
rs117500529	A	0.0512
rs117199622	A	0.068
rs78387903	C	0.1411
rs62491207	G	-0.0551
rs72674899	A	0.0844
rs146420678	C	0.115
rs73354063	T	0.0835
rs111612221	G	0.1152
rs76140942	C	-0.0747
rs142306493	C	0.0806
rs62492342	T	-0.0433
rs73224442	T	0.1023
rs2062787	T	0.0379

rs10097712	A	0.0422
rs1542721	T	0.0232
rs11782265	C	0.0182
rs35130488	G	0.0305
rs9649957	T	0.0261
rs7830169	G	-0.0767
rs11781349	T	0.0315
rs13268295	A	0.0733
rs140336805	G	0.0915
rs77310251	A	-0.0391
rs4237042	C	0.018
rs55694299	T	0.0505
rs1442408	A	-0.0201
rs117087774	T	0.0781
rs55758345	A	0.0496
rs145716495	T	0.0749
rs77019054	T	0.1304
rs6559166	G	0.0461
rs138966847	T	-0.0815
rs72723105	T	0.0943
rs7013830	A	0.0239
rs79674393	A	0.0568
rs11991640	A	0.0225
rs2610031	A	0.0244
rs80107815	T	-0.0337
rs34379313	A	0.0816
rs117388169	G	-0.0903
rs62494454	C	-0.1326
rs78971392	G	0.1433
rs2468663	G	-0.0175
rs6468134	A	0.0179
rs76712470	T	0.0577
rs2404035	T	-0.037
rs79317256	T	-0.0608
rs111310483	G	-0.0864
rs7007694	C	0.0264
rs13272671	T	-0.0279
rs55798067	T	0.062
rs144326257	G	0.0418
rs111291122	C	0.0686
rs17516585	A	-0.0211
rs2923422	A	0.0331
rs34286353	T	0.1436
rs148241365	G	0.1022
rs483654	T	0.0208
rs56016458	C	-0.0837
rs113634780	G	0.1023

rs35690770	C	0.1035
rs3897955	T	-0.0271
rs2345579	T	0.0197
rs7838749	G	0.0204
rs116941318	G	-0.0481
rs73601241	T	0.0228
rs138700408	T	0.0966
rs56296411	C	-0.0553
rs34905042	A	-0.0837
rs55694307	A	0.0412
rs140462607	C	0.1168
rs17588440	T	0.033
rs116783271	A	-0.0417
rs811833	C	0.0249
rs138631496	T	0.0557
rs8192651	C	0.0387
rs4735401	T	0.0337
rs9644437	T	0.1068
rs16932321	T	-0.0424
rs77574512	A	-0.0587
rs73546213	T	-0.0313
rs13248665	T	-0.0327
rs13273605	T	-0.0834
rs2649098	T	0.025
rs13250248	A	-0.0228
rs12335217	T	-0.1431
rs73179572	T	0.1123
rs148899549	T	0.0783
rs76412367	C	-0.0635
rs16904418	C	-0.0229
rs35598814	G	0.1615
rs28848498	A	0.0229
rs75312417	A	0.1205
rs1550454	A	-0.0285
rs71517249	A	0.06
rs78149698	T	0.0703
rs7008015	C	-0.047
rs117069306	T	0.1287
rs57279919	T	0.0491
rs117421960	G	0.0494
rs75982678	T	0.0624
rs75005413	G	0.1089
rs2436049	C	-0.0521
rs148811994	A	0.1649
rs10093055	T	-0.0204
rs2948638	C	-0.0752
rs12540974	A	0.0533

rs62500990	C	0.0266
rs142750805	C	-0.1296
rs137995731	G	0.1497
rs118013985	C	0.0704
rs4875490	G	-0.0294
rs117780272	T	-0.158
rs4909767	T	0.018
rs118082680	C	0.1331
rs4733481	G	0.0194
rs149246664	A	0.1154
rs10101338	C	-0.0184
rs41507849	A	-0.0566
rs112466685	G	0.041
rs919547	C	0.1056
rs28375555	T	0.0756
rs146011582	T	0.093
rs112099815	A	0.1782
rs2053741	A	-0.0276
rs77315451	T	0.1588
rs146551405	C	-0.0467
rs16908761	G	-0.0259
rs62498380	C	0.0511
rs412488	C	-0.0397
rs13278840	C	-0.0999
rs34822190	T	-0.0703
rs139186432	C	-0.0836
rs60866237	C	0.0619
rs13439040	T	-0.0225
rs76633579	G	-0.0554
rs13263087	A	0.0288
rs117366919	T	-0.0597
rs77352344	C	0.0457
rs77730543	C	-0.0569
rs16876804	T	-0.0956
rs6994286	A	0.0307
rs146801998	T	-0.0908
rs10505248	G	-0.1017
rs112460734	A	-0.1443
rs10503719	T	-0.023
rs12544706	C	0.0211
rs76791798	G	0.0816
rs151222559	A	0.0806
rs139877640	C	0.07
rs78780911	A	0.0949
rs1497019	C	0.0336
rs1515012	T	0.0177
rs34324266	G	-0.1005

rs1371152	A	-0.1174
rs140419674	A	-0.0591
rs73180952	C	-0.0662
rs79748915	C	-0.0353
rs34607019	C	-0.0423
rs10103096	G	0.0295
rs140204454	T	-0.0369
rs10091895	T	0.0256
rs117015640	C	0.1174
rs79685263	T	-0.0693
rs4871318	G	-0.0329
rs12550496	T	0.0197
rs11250006	T	0.0218
rs76131864	A	-0.0348
rs62521807	C	0.0384
rs12680952	A	0.0189
rs78742172	T	0.0748
rs117213219	C	0.081
rs75953390	A	-0.0664
rs1443948	C	0.0185
rs148978709	C	0.0738
rs7844465	T	0.0186
rs117311636	T	-0.1434
rs72638969	T	-0.1294
rs118189625	A	-0.0592
rs3793357	C	-0.0358
rs60306436	C	0.0714
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rs10866833	C	0.0303
rs140789410	A	-0.0615
rs12674751	T	0.0373
rs632216	T	-0.0654
rs139977430	C	-0.0912
rs62501482	G	0.0622
rs71527659	A	-0.0759
rs147743633	C	-0.1428
rs60332422	A	0.0431
rs145322722	A	0.0959
rs117579309	A	-0.0923
rs117264078	A	0.1049
rs2572908	G	0.0174
rs3931280	G	0.0176
rs11782812	G	0.0237
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rs75462348	A	0.1045
rs117489005	G	0.0501
rs11784885	G	0.0516

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rs72633451	C	-0.0413
rs13268712	C	-0.0682
rs35031423	A	-0.0334
rs16871341	T	0.0264
rs6470164	A	0.0877
rs7002643	G	-0.0336
rs79131406	A	-0.0399
rs10046784	A	-0.0486
rs62503585	G	-0.03
rs117204569	T	-0.0699
rs118136930	A	0.0654
rs1523215	A	0.1188
rs17714522	A	0.0455
rs6992413	C	0.0178
rs146797826	C	0.1006
rs113370265	G	-0.1333
rs12541575	A	0.0188
rs117405276	A	-0.0401
rs2458291	T	0.0215
rs78149610	T	-0.1477
rs78287679	C	0.078
rs2061834	T	-0.0273
rs117194047	T	0.0987
rs13269826	G	0.0201
rs2597387	C	-0.026
rs79646827	A	-0.0727
rs147493922	G	-0.0307
rs34653295	C	-0.0755
rs6473606	A	0.0287
rs11988106	G	0.0309
rs7846394	T	0.0396
rs1849524	G	0.0242
rs13248236	A	0.0341
rs28562253	T	0.02
rs144669208	G	-0.1285
rs76882315	G	0.0789
rs1480857	G	0.02
rs62509076	C	-0.0212
rs62504405	G	-0.1015
rs72729624	C	0.0391
rs139286582	T	0.0665
rs9297739	T	0.0178
rs330085	T	-0.0298
rs10504630	T	-0.1136

rs16907247	A	0.064
rs34454457	G	0.1114
rs149653409	A	-0.0665
rs35386117	A	0.0553
rs6985195	G	-0.0185
rs2565096	G	0.0199
rs75338843	C	0.0496
rs12679642	C	0.1276
rs28523397	A	0.0186
rs28523656	C	0.0397
rs7010945	G	-0.0229
rs11785116	G	-0.0243
rs111652334	A	0.0527
rs145389040	T	0.0501
rs13254471	T	0.043
rs117844685	T	-0.0961
rs1994792	G	0.0199
rs302286	A	-0.0175
rs4367588	C	0.0238
rs112290544	A	0.0203
rs117448642	C	-0.0886
rs116944634	C	-0.0827
rs76729004	A	-0.0709
rs78717772	C	-0.0439
rs72684664	T	0.0942
rs7829491	T	0.0321
rs116928135	G	0.0549
rs7017092	T	0.0429
rs117139547	A	-0.0879
rs10110257	G	-0.0187
rs116999589	T	-0.0329
rs117478437	C	-0.0816
rs17383770	A	0.0794
rs7820431	G	0.0173
rs3209231	A	-0.0728
rs117406708	T	-0.1034
rs72673934	A	-0.0722
rs9314532	A	-0.0219
rs111703385	A	-0.0899
rs1355304	G	0.0169
rs72653213	C	-0.0523
rs142596441	T	0.0527
rs113950449	T	-0.039
rs117596643	C	-0.0917
rs17657626	T	0.0692
rs117245884	G	-0.1379
rs11775938	C	0.0325

rs76079222	A	0.0545
rs117166152	G	0.0728
rs77723983	G	0.0436
rs77821074	G	0.0466
rs116877179	G	0.1441
rs10092459	T	0.047
rs9298515	G	-0.0175
rs75630679	T	0.095
rs6987930	T	-0.0187
rs142904733	T	0.1029
rs72725147	T	0.0205
rs332036	A	0.0248
rs78134327	T	0.0499
rs7837938	C	0.1097
rs17079689	G	0.091
rs1542315	T	-0.053
rs113342751	T	0.0748
rs872529	C	0.0227
rs35478659	C	0.0172
rs147449365	G	0.1124
rs62500396	T	-0.0365
rs72651327	G	-0.1004
rs78219953	C	0.0733
rs72674430	A	0.0233
rs145144624	C	-0.0713
rs3802234	A	-0.0431
rs11136533	T	-0.0262
rs11778916	A	-0.0649
rs55905191	A	-0.049
rs150402113	A	0.0873
rs62523381	G	-0.0188
rs12549368	C	0.0202
rs12541470	G	-0.032
rs62488703	A	-0.0194
rs4736113	C	-0.0485
rs139846536	A	-0.0969
rs114604559	C	0.0793
rs117598854	A	-0.0897
rs144962000	A	-0.0608
rs1842659	T	0.026
rs113098005	A	-0.0277
rs10100814	C	-0.02
rs62499581	T	-0.0312
rs111237334	G	-0.0609
rs11775493	C	-0.0246
rs17065705	G	-0.1267
rs72657203	A	-0.0717

rs147055569	G	0.127
rs79123324	C	-0.0627
rs35061608	C	-0.0177
rs118119345	G	-0.0865
rs72724748	C	0.0885
rs2873256	C	-0.0209
rs79185074	C	0.0344
rs116844023	T	0.0985
rs34664205	A	0.0249
rs76969813	C	-0.0232
rs55938795	T	-0.0246
rs16894331	G	-0.0381
rs55904691	T	0.0182
rs116977829	C	-0.1131
rs112273603	G	0.0711
rs80203103	A	-0.1201
rs11775252	A	-0.0894
rs62527329	G	-0.0609
rs2022958	T	-0.0177
rs75452069	A	0.0883
rs1429965	A	-0.0435
rs2432731	A	0.0211
rs10956486	C	-0.0205
rs55966096	C	-0.0205
rs17402216	C	0.0344
rs141958536	T	0.0871
rs146637002	T	0.079
rs78157344	C	0.0796
rs17650903	A	-0.052
rs4875568	A	-0.0371
rs36074562	G	-0.0238
rs34882716	G	-0.0425
rs7817154	T	0.0221
rs16904321	G	-0.054
rs62479703	G	0.0532
rs118106322	C	0.0657
rs117148755	A	-0.1728
rs6998666	G	-0.0229
rs112230761	C	-0.0619
rs72678340	T	-0.0229
rs17693374	A	0.0353
rs151303870	G	-0.1071
rs56184717	T	-0.042
rs6997916	A	0.0541
rs62518270	A	0.023
rs6980781	A	0.0286
rs6980638	T	0.0194

rs72655895	T	0.0705
rs77688458	G	0.0661
rs4870854	T	0.0271
rs28865647	A	0.0184
rs10102048	C	-0.0429
rs13274856	C	-0.0826
rs77451724	G	0.0776
rs1473267	G	0.0317
rs4922137	C	0.0576
rs2042809	G	0.0221
rs3110294	T	0.0392
rs114560986	T	0.0738
rs17816202	T	-0.0451
rs16869926	A	0.0556
rs147174219	C	0.0595
rs80141843	G	0.0727
rs13259894	G	0.0203
rs76132602	T	0.0806
rs140209378	T	0.1102
rs75635055	A	0.0573
rs298600	T	0.0199
rs118191091	G	0.0681
rs3102070	A	-0.0448
rs4872404	T	-0.0505
rs16939546	T	-0.0202
rs11774216	A	0.0399
rs139857079	A	0.1153
rs2679759	C	-0.0174
rs4342647	T	0.0727
rs7013233	A	-0.0218
rs118018806	A	0.0812
rs4871316	T	0.0202
rs75448034	C	0.0773
rs3747811	T	0.0189
rs116951692	C	0.0441
rs2088356	T	-0.0227
rs13267532	C	-0.0178
rs62503505	C	-0.0213
rs116974716	C	-0.029
rs75641959	A	0.0586
rs2465884	T	0.0178
rs74896244	G	-0.1393
rs72612103	A	0.0357
rs117766015	T	-0.0738
rs11783421	C	0.0324
rs17756915	G	0.0199
rs17063413	G	0.0185

rs2950344	G	0.0319
rs4739899	G	-0.0215
rs17439659	T	-0.0203
rs4871091	A	0.0227
rs117741756	G	-0.1455
rs34067098	A	0.0204
rs147140728	A	0.1088
rs17126062	T	-0.0951
rs62501157	A	-0.0284
rs142970767	A	-0.0943
rs76182273	T	0.087
rs4874121	G	0.0454
rs4240634	T	0.0186
rs1975118	T	0.0232
rs6981341	G	-0.0197
rs2740810	C	0.0199
rs111992242	G	0.0541
rs2022916	T	0.02
rs79734093	A	-0.1534
rs71525726	G	0.0255
rs17430154	A	0.0453
rs2618810	C	0.0175
rs28368805	G	0.0398
rs142861193	A	0.0793
rs10090332	A	-0.0178
rs62507588	T	0.0437
rs1979154	G	0.0207
rs16909563	C	-0.0237
rs76991528	A	0.1296
rs931043	A	-0.0271
rs76951461	G	-0.0789
rs73203725	T	-0.0397
rs58918741	G	0.04
rs138585523	T	0.097
rs150711293	T	0.1231
rs11996371	T	0.1272
rs16896992	C	0.0263
rs75629541	C	-0.0448
rs2980561	G	-0.0357
rs62518686	C	-0.0769
rs138369603	C	0.0478
rs79155487	G	0.0353
rs10105127	T	-0.0185
rs62515108	A	0.0597
rs2439523	A	0.0257
rs36014856	A	0.0977
rs75987594	G	0.0499

rs117325001	T	0.0224
rs3995247	C	0.021
rs35033136	T	0.0702
rs56190050	T	0.0846
rs7001967	T	-0.0273
rs61282872	A	-0.0331
rs142211969	T	0.0439
rs10106313	T	0.0193
rs117398294	A	0.1216
rs7833843	A	0.0682
rs28410444	A	0.035
rs6990544	C	-0.0172
rs2449840	A	-0.0223
rs138620896	T	-0.094
rs6471065	T	0.0216
rs12675875	T	0.0997
rs7826488	T	-0.0179
rs139261011	G	-0.1241
rs116842825	A	-0.1138
rs71530808	A	-0.0411
rs141944117	G	0.0902
rs10088924	G	0.0495
rs78528935	G	0.0338
rs72719726	C	-0.0245
rs10097104	A	-0.0199
rs116913706	C	0.0461
rs1434779	G	0.0189
rs62491284	C	0.0239
rs75558033	C	-0.0517
rs4735447	A	-0.0472
rs72609809	A	0.0668
rs147269136	C	0.0871
rs146095651	A	-0.0824
rs2100485	G	0.0272
rs7010197	G	0.0254
rs117216972	T	0.0914
rs148148618	A	-0.1187
rs140289136	A	-0.1405
rs13252591	T	0.0338
rs4347017	A	0.024
rs4735361	G	0.0177
rs11778777	T	-0.0174
rs10956662	A	0.0234
rs72673745	A	0.0464
rs145995976	A	-0.1668
rs34666187	A	0.0432
rs12549200	A	0.0228

rs35840839	A	0.0283
rs2350222	C	0.0193
rs114402235	G	-0.083
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rs9650217	T	-0.0219
rs56361906	G	-0.1084
rs12548174	G	-0.0517
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rs56137614	T	-0.0541
rs116615362	A	-0.0427
rs117771327	A	0.1078
rs80075655	G	-0.0491
rs35437729	T	0.0181
rs72672243	T	0.0414
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rs2006476	T	0.0179
rs142402963	T	-0.1058
rs117840376	A	0.0818
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rs117683872	G	0.0797
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rs111949078	A	0.0234
rs7820402	C	0.0657
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rs4598293	A	-0.0172
rs79992273	G	0.0686
rs2627286	A	-0.0614
rs72718418	A	0.0421
rs341668	T	0.0169
rs140839524	G	-0.0814
rs79050532	T	-0.0604
rs1346898	A	-0.0883
rs61667410	C	0.0393
rs56231228	T	-0.07
rs77585394	A	-0.0486
rs143794306	G	-0.0495
rs62489387	G	-0.0343
rs451364	A	-0.0404
rs62528367	A	0.0382
rs13261909	A	0.0402
rs78680681	G	0.1159
rs10086068	T	0.0244
rs145636193	C	-0.0567
rs2725290	C	-0.0234
rs1570770	G	0.0174

rs4976988	T	0.0539
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rs72690477	C	0.0343
rs118076680	C	-0.0297
rs12156071	G	0.0653
rs117154585	T	-0.0917
rs11784591	C	0.062
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rs13272857	A	0.0264
rs76714504	G	0.1119
rs34608671	C	-0.018
rs144364813	G	-0.1415
rs75846296	A	-0.0945
rs117300675	A	-0.0736
rs12541392	A	-0.0478
rs13249568	C	0.0194
rs4871323	A	-0.0168
rs4841224	T	-0.0182
rs62507208	A	0.0186
rs60087888	T	0.0327
rs16891354	C	-0.0263
rs80307083	G	-0.0399
rs72685453	G	-0.0198
rs11136743	A	-0.0246
rs1548198	T	-0.0219
rs1866277	C	-0.1268
rs78425848	A	-0.131
rs117877398	T	0.0711
rs78010542	A	0.1108
rs16937647	T	-0.0357
rs112007967	G	0.1231
rs117792143	A	-0.057
rs17088800	A	-0.0185
rs2083683	A	0.0194
rs142778284	A	0.1041
rs4610772	A	0.027
rs7010328	G	-0.0234
rs72722668	A	0.0626
rs13252660	T	0.0171
rs73277924	G	-0.0473
rs6986151	C	0.0253
rs16898508	C	0.0237
rs7820229	T	-0.0256
rs2447336	T	-0.0485
rs7828018	T	0.0861

rs72649590	C	-0.0579
rs17092222	A	-0.0526
rs76709048	A	-0.0761
rs13281291	T	-0.0227
rs2981155	C	-0.0213
rs3134365	C	-0.019
rs117904500	C	0.1098
rs4736520	T	-0.0188
rs2041879	G	-0.0303
rs75691599	T	0.0652
rs73172258	G	-0.0455
rs2552	C	-0.0488
rs7826908	A	-0.0186
rs12550275	T	-0.0264
rs7830965	T	-0.0176
rs241179	T	-0.0248
rs17386044	T	0.1257
rs75717802	A	-0.0871
rs2920473	T	-0.1083
rs118184657	C	-0.0417
rs11780576	C	0.0177
rs62527415	G	0.0235
rs118029233	G	-0.0965
rs141812438	C	-0.0781
rs4073433	C	0.0491
rs141953026	T	-0.0933
rs78865121	A	-0.0926
rs76360630	C	0.0871
rs143405275	A	0.1034
rs13255891	G	-0.0251
rs10504967	A	-0.0354
rs58887006	A	0.1263
rs10458313	C	-0.0211
rs117127725	A	0.045
rs1602511	A	-0.0211
rs75941120	T	0.0438
rs117956319	T	-0.0955
rs75991669	G	0.0485
rs10108226	A	-0.0651
rs78289816	C	0.0528
rs55692143	C	0.0352
rs62526885	C	0.1631
rs10109704	A	-0.0205
rs79386207	T	-0.0648
rs62513806	T	-0.0742
rs517394	A	-0.0296
rs4556093	A	-0.0289

rs78767086	T	0.1278
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rs7815570	T	0.0199
rs11775710	C	0.0815
rs112704876	T	-0.0682
rs11994681	C	-0.071
rs4871749	T	-0.0214
rs4295641	G	0.0435
rs6471740	G	-0.03
rs148788534	G	0.093
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rs55908136	A	0.0783
rs73671059	A	-0.0632
rs76993561	G	0.0476
rs72659087	A	-0.0728
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rs62523308	G	0.036
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rs113116569	G	0.1085
rs72678135	T	0.0396
rs73711232	C	-0.1056
rs80113388	T	-0.043
rs11775810	T	0.0644
rs11994766	A	0.0283
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rs144083607	A	0.1219
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rs76873963	G	-0.0675
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rs142063706	A	-0.1141
rs16895340	T	-0.0318
rs116849994	A	0.0624
rs11984877	A	-0.0979
rs36017310	G	0.0696
rs145320757	C	0.1077
rs79350505	A	0.0348
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rs11137054	A	0.0175
rs11779132	A	-0.0704
rs17487121	G	0.0877
rs1652783	G	0.0375
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rs7012102	A	0.0206
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rs140382393	G	0.063
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rs34872094	C	-0.0182
rs929384	C	0.0172
rs4734141	T	-0.0187
rs2919402	A	-0.0179
rs150596557	T	-0.0821
rs10107978	T	-0.0252
rs7819295	G	-0.0168
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rs76722150	G	-0.1256
rs34904974	C	-0.1276
rs77314546	T	0.0198
rs28604391	T	0.0231
rs56281752	T	0.1177
rs6993136	A	-0.0238
rs352428	A	-0.0354
rs75532353	C	0.0774
rs2168244	G	-0.0236
rs72681932	A	-0.0258
rs2106022	C	0.021
rs2513374	T	0.0171
rs17781380	T	0.0587
rs79985398	G	-0.1087
rs76039625	T	0.0422
rs56007959	C	0.0508
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rs28508313	A	-0.0192
rs77901739	G	0.0816
rs62524677	A	0.0857
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rs79941018	A	0.07
rs147328047	C	-0.0788
rs1059588	C	0.0272
rs74839738	G	-0.0613
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rs146328138	T	-0.0678
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rs116972771	G	-0.0343
rs4733650	A	0.0187
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rs80340966	T	0.0521
rs1906880	A	-0.036
rs79078426	A	-0.072
rs62513903	A	0.0696
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rs1193311	A	0.0857
rs73528997	G	-0.0722
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rs7824480	C	-0.0225
rs73278633	T	-0.101
rs74567741	T	-0.0659
rs4875508	T	0.0272
rs117129954	T	-0.0995
rs71517437	A	-0.0401
rs16905508	G	0.0354
rs141187825	G	0.0906
rs11203812	C	0.0186
rs62513954	T	0.0281
rs17150206	G	-0.0255
rs149977519	C	-0.0569
rs146160363	C	0.1179
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rs112049419	A	0.1007
rs4407900	T	-0.0318
rs117387385	A	0.0625
rs111625036	A	-0.0731
rs76693765	G	0.0809
rs76680287	T	-0.0796
rs62483889	T	-0.0507
rs11994855	G	0.0894
rs7838447	C	-0.0366

rs1530328	A	0.0874
rs138471264	A	-0.0531
rs148865511	G	0.0663
rs78899514	A	-0.0435
rs2956731	G	-0.0306
rs62523037	T	-0.0218
rs16885350	A	-0.0229
rs28445619	A	0.0218
rs73218782	C	-0.0437
rs11136586	C	-0.0201
rs79224901	C	0.0995
rs114650605	A	-0.0593
rs117195735	G	0.0613
rs16904885	T	-0.0379
rs35347927	C	0.1494
rs827597	T	0.0906
rs139340609	G	-0.0518
rs73232228	A	0.061
rs3110471	G	-0.0779
rs73209703	G	0.0638
rs17244207	A	0.0568
rs7012126	C	0.0244
rs7004951	G	-0.0199
rs10087169	A	0.0182
rs62491019	T	0.0479
rs7815622	T	-0.0441
rs11781449	A	0.0249
rs2740867	C	0.0412
rs74826807	G	-0.1288
rs62516798	C	-0.0526
rs4961052	A	-0.0496
rs2292774	A	0.0391
rs76830538	T	0.0808
rs4734227	C	0.0746
rs6985907	T	-0.0204
rs72671990	A	0.0786
rs62513557	A	-0.0272
rs113916884	C	0.0854
rs75805199	A	-0.1048
rs12542845	A	0.0734
rs114039795	T	0.0866
rs72693361	T	0.1045
rs118056170	G	0.0625
rs2045805	G	0.0246
rs4352883	C	0.0564
rs73553341	A	0.051
rs72661042	T	0.0369

rs4304355	G	-0.0357
rs34427839	C	0.0498
rs61271662	C	-0.0266
rs72721327	T	0.0266
rs28669816	C	-0.0269
rs77036009	G	0.0428
rs1434756	G	0.0191
rs4606030	G	0.017
rs72719880	T	-0.0987
rs114692041	T	0.0819
rs116318425	T	0.0684
rs62512629	A	0.0191
rs56181041	G	-0.0447
rs2341677	T	-0.053
rs77495104	T	0.0367
rs17270259	T	0.0583
rs17823756	G	-0.0399
rs7828869	T	0.1215
rs2658922	T	0.0514
rs117808972	C	0.1238
rs114804665	T	0.0777
rs12543515	T	0.0319
rs7838449	C	0.0317
rs56207250	G	0.0355
rs11250022	C	-0.0484
rs4733548	C	-0.0201
rs13265868	A	0.0164
rs72659241	T	0.0334
rs2664368	C	-0.0209
rs72668177	G	0.079
rs2157633	A	-0.0684
rs7813629	T	-0.025
rs1892767	A	0.0245
rs11786511	G	0.0436
rs756095	A	0.0175
rs77357402	A	0.0757
rs1531577	C	0.0191
rs117708436	T	0.0755
rs149333105	T	-0.0665
rs2511733	T	-0.017
rs4871063	A	-0.1223
rs113244198	T	0.0967
rs62492345	A	0.094
rs10283038	A	-0.0183
rs117815880	G	-0.0624
rs62515297	T	0.0804
rs72674173	C	0.0335

rs7830454	A	0.0272
rs77975580	G	0.0429
rs112181807	A	0.0462
rs35168446	G	0.0332
rs62507355	T	0.091
rs542474	T	-0.025
rs2293402	A	-0.0248
rs9785096	A	-0.0167
rs10098847	T	-0.0602
rs73194190	C	-0.0488
rs60196929	C	0.0439
rs73548679	C	-0.0773
rs55651304	C	-0.0239
rs117072299	G	-0.0609
rs36064644	G	0.0879
rs28509189	T	0.0628
rs79878977	C	-0.0924
rs80117247	T	-0.0797
rs4921618	C	0.017
rs715734	A	0.059
rs4517084	T	-0.019
rs7832875	C	0.0356
rs73222564	T	-0.0409
rs72650095	C	0.1036
rs57025109	C	0.0299
rs62515226	G	0.0479
rs28534016	C	0.0188
rs12682373	C	0.0393
rs72636320	G	-0.0691
rs7005080	A	-0.021
rs71519899	T	-0.063
rs75008219	A	0.0273
rs4922233	T	0.0495
rs13274089	A	-0.0611
rs145852606	T	-0.0995
rs17721179	A	-0.0356
rs112300614	T	-0.0999
rs56297727	A	0.0893
rs898510	A	-0.018
rs11991032	T	0.0201
rs28450254	G	-0.1433
rs61418959	A	0.0208
rs117660381	G	0.0792
rs140474320	G	0.0829
rs1429646	A	-0.0613
rs117806684	A	-0.1264
rs17453368	T	0.077

rs117761782	T	0.0536
rs189213	G	0.0926
rs117030187	C	0.0522
rs35673986	T	0.0216
rs34998398	C	0.0275
rs6997162	C	-0.0168
rs12549258	A	-0.028
rs7826487	G	0.026
rs17077609	T	-0.1035
rs150499659	A	0.0709
rs2360802	T	-0.0197
rs72653314	G	-0.0334
rs62499079	T	0.0531
rs73675572	A	0.0205
rs72670519	A	0.0487
rs1697647	G	0.0166
rs4076625	G	-0.0175
rs17679559	G	0.0207
rs117024898	A	0.0759
rs59445352	G	0.0498
rs62512621	T	0.0597
rs140784213	A	0.0817
rs140366008	T	0.0823
rs13258386	C	0.0325
rs10955292	A	0.0196
rs9643990	G	-0.0193
rs72711678	A	0.0284
rs2162817	C	0.0284
rs33999374	A	0.0286
rs10956354	A	-0.0622
rs4875886	G	0.0211
rs6985970	G	-0.1089
rs117738476	T	0.0424
rs56824669	C	0.0397
rs7460429	G	0.0278
rs72642749	T	0.095
rs10956430	G	0.0179
rs1816309	T	-0.0172
rs13256941	T	-0.0181
rs113664023	T	0.0426
rs35521163	G	0.0788
rs77289633	A	0.0642
rs117596892	C	0.0955
rs11989493	C	-0.0246
rs73190765	T	0.0529
rs59079717	C	0.0503
rs148354628	A	0.1042

rs13281874	G	0.0432
rs2244368	C	-0.0483
rs2927238	T	0.0165
rs10097667	T	0.019
rs76995279	T	0.032
rs13262914	A	0.0203
rs10504386	C	-0.0205
rs352427	C	-0.0403
rs79913915	A	0.1017
rs10103246	T	-0.0191
rs79181231	C	-0.0356
rs74864540	A	0.0476
rs1598948	G	-0.0219
rs7846332	T	0.1834
rs76992070	A	-0.0875
rs11775003	C	-0.1192
rs117154986	G	-0.0887
rs73205830	G	0.0273
rs310282	T	0.0167
rs76295722	T	0.0662
rs58466563	A	0.0215
rs75743440	C	0.0528
rs12541647	C	-0.0252
rs17407837	C	0.1255
rs17405215	G	-0.0402
rs72697681	T	-0.0469
rs73672825	T	-0.0337
rs11989808	T	0.0222
rs7006105	T	-0.0336
rs4871472	T	0.0178
rs9785172	C	0.0577
rs62513199	G	-0.1
rs144537232	A	0.115
rs72477569	A	-0.1117
rs56043000	A	-0.0959
rs140256742	G	0.0351
rs57988555	T	-0.0505
rs7011401	T	-0.0721
rs117819320	A	-0.0759
rs116868494	T	0.0746
rs10095468	A	-0.0727
rs11998620	T	0.0212
rs12676139	G	-0.0274
rs75442345	A	-0.0976
rs142816977	C	-0.0653
rs117928223	T	0.0634
rs6983023	T	-0.0334

rs73667497	G	-0.0377
rs7845547	C	0.0195
rs332030	G	0.0719
rs113601392	T	-0.1234
rs77466619	C	-0.0388
rs150416833	G	0.0283
rs17128148	C	-0.042
rs56343516	A	0.0288
rs150836954	A	-0.1034
rs117677774	T	0.0255
rs10101109	C	0.0186
rs17676443	T	0.0185
rs117724578	T	0.1199
rs111724430	G	0.1013
rs12677384	A	-0.0173
rs75442604	G	-0.1278
rs148115324	A	-0.073
rs117822450	A	-0.0848
rs11785609	C	0.0187
rs73201845	C	0.0323
rs72733756	A	0.1067
rs62502119	T	0.1155
rs6981075	C	0.0274
rs7817107	A	-0.0203
rs112850706	G	-0.1148
rs2515067	C	0.0353
rs17068241	C	-0.0357
rs4639512	C	0.0206
rs28521190	T	-0.1125
rs118039615	T	-0.0903
rs77400577	C	-0.1158
rs76255181	A	0.072
rs35951099	G	-0.1525
rs6601295	G	-0.019
rs150401665	A	-0.0735
rs2958824	C	0.0333
rs78369623	A	0.0345
rs77204023	T	0.0512
rs17352913	T	-0.1147
rs12678140	C	-0.0226
rs6981869	A	0.0475
rs62514066	C	-0.0566
rs73190769	T	0.0248
rs117221176	T	-0.07
rs147143216	T	0.0721
rs1468934	G	0.0161
rs79106989	C	0.0556

rs76140807	C	0.1072
rs76301949	C	0.0757
rs6558171	T	-0.0184
rs74625341	T	-0.0919
rs2170406	A	-0.0184
rs79589984	G	0.089
rs117450023	C	-0.0601
rs6558467	G	-0.0215
rs79901295	A	-0.0205
rs80324700	A	0.0736
rs10089977	T	0.0243
rs74753338	T	-0.1
rs73238269	C	0.0863
rs112448992	C	0.0264
rs10104523	T	-0.0161
rs3802235	A	0.073
rs2977501	T	0.0454
rs117272358	T	0.041
rs148439966	A	-0.1117
rs1037938	A	-0.0171
rs17535160	T	0.0646
rs117366701	C	0.0491
rs77689867	A	0.089
rs142555311	T	0.0838
rs77613989	G	-0.0436
rs55704460	C	-0.0724
rs11784532	C	-0.0195
rs899075	G	0.0271
rs76737777	G	0.0823
rs117127829	A	0.0728
rs72679694	G	-0.1206
rs2517245	T	0.0335
rs78826090	G	0.0622
rs11774369	G	0.0434
rs36011589	A	0.0385
rs16898247	A	-0.0569
rs76129207	T	-0.0321
rs11994391	T	0.0171
rs72664750	G	0.0378
rs72684458	A	0.0345
rs7016950	A	-0.1137
rs138775284	G	-0.0822
rs7007570	G	-0.0179
rs113788305	C	-0.0523
rs77103999	A	0.0794
rs1947217	G	0.0187
rs73697870	A	-0.0702

rs4609237	G	-0.0165
rs78624119	T	0.0643
rs10103293	A	0.066
rs13263665	C	-0.0174
rs13248175	A	-0.0326
rs35740590	A	-0.0353
rs78656914	T	-0.0555
rs117367516	T	-0.1332
rs117362571	A	0.0515
rs75452922	C	0.0405
rs720896	C	0.0163
rs146929393	C	0.0777
rs72686629	A	-0.0354
rs116965082	C	0.071
rs142752382	C	0.039
rs141402436	C	0.0741
rs73230291	A	0.0806
rs2977379	T	0.0363
rs17227218	A	-0.0538
rs80026548	T	-0.0723
rs73687878	C	0.0645
rs117833489	A	0.0847
rs74428910	A	0.0473
rs2410200	T	0.0174
rs55803905	A	0.0641
rs77688759	C	0.0646
rs12676446	T	0.0293
rs145545645	A	0.1031
rs138435417	A	0.1094
rs28500568	C	0.0368
rs141828838	C	0.105
rs73235388	G	0.0424
rs145779946	A	-0.1087
rs78111100	C	-0.0543
rs2670681	T	-0.0201
rs111787389	A	0.1073
rs72672699	C	-0.08
rs75699296	G	-0.0651
rs62507499	A	0.0449
rs4737994	A	0.0219
rs116925958	G	-0.042
rs11776321	C	-0.1119
rs79619050	C	-0.0619
rs117530267	C	0.1025
rs117701911	A	0.0884
rs144474737	A	0.0797
rs7842534	T	0.0224

rs4738160	C	0.0353
rs117344298	T	0.1044
rs12550184	C	-0.136
rs6998565	C	-0.0234
rs118032286	C	-0.0622
rs139260764	A	-0.1091
rs73204373	G	0.0301
rs144770207	G	-0.1107
rs17451838	T	0.0447
rs55886127	T	-0.0514
rs117031509	A	0.0989
rs78487953	T	-0.0736
rs141645479	C	0.0724
rs79324469	T	-0.1414
rs34520389	G	-0.0788
rs12155945	T	-0.0244
rs4732817	G	-0.0442
rs4144406	T	-0.0238
rs10096218	T	-0.0263
rs76588837	A	-0.0717
rs143084875	C	0.0644
rs79191770	A	0.0394
rs145125475	T	0.1348
rs73214639	C	-0.0753
rs117109875	G	0.0767
rs62504966	T	0.0955
rs79498978	C	0.1093
rs58491800	A	0.0177
rs72734071	A	-0.0693
rs146623940	C	-0.0847
rs142260102	C	0.1077
rs10503244	A	-0.0695
rs74474337	G	0.0836
rs71525073	C	0.0356
rs73180760	C	0.0407
rs6982340	T	0.0249
rs10100610	T	0.0166
rs77295886	G	-0.0341
rs117099104	C	-0.0426
rs7011412	T	0.0173
rs143862563	C	0.0901
rs139605157	T	-0.0742
rs2977189	T	0.032
rs77120735	T	-0.0262
rs141204504	G	-0.0996
rs17127466	A	0.0823
rs72659736	T	0.0303

rs4128462	G	-0.0192
rs142337870	T	0.1372
rs113129937	A	-0.0635
rs78883066	G	0.094
rs117566586	A	-0.0659
rs10103220	C	0.0222
rs3133788	T	-0.0728
rs151125664	T	-0.1032
rs7836588	C	-0.0224
rs931201	T	-0.0252
rs117371543	G	0.0563
rs2948587	T	-0.0198
rs4840835	A	0.0954
rs4738387	C	0.0212
rs1155021	A	-0.018
rs137956473	T	0.1439
rs2318832	C	0.0232
rs1988834	G	-0.0172
rs72680182	T	0.0525
rs34154183	T	-0.0252
rs75827140	T	0.0455
rs137896572	A	0.0741
rs2468678	G	0.016
rs7464746	A	-0.0429
rs11785591	G	0.0291
rs79111016	A	0.0859
rs6420192	A	-0.0234
rs80117793	T	-0.1245
rs35070486	C	0.0218
rs117183686	G	-0.0375
rs13277242	G	0.0194
rs2028968	A	0.0429
rs16938570	T	-0.0965
rs74905804	A	0.0767
rs16905656	T	-0.1261
rs73333216	G	-0.0871
rs74380482	C	-0.0828
rs71518503	C	-0.0485
rs117179272	G	-0.0438
rs7462904	A	-0.0184
rs57894230	C	-0.0161
rs146628196	G	-0.0534
rs12543248	G	0.0171
rs1954734	C	-0.0602
rs6985758	C	0.0425
rs4076547	T	-0.0169
rs2669276	T	0.0172

rs16924609	T	-0.0226
rs13258462	C	0.0185
rs62528695	T	-0.0611
rs113586087	C	0.0868
rs75037125	G	0.067
rs117168167	A	0.0742
rs71526946	C	-0.0725
rs141755631	A	0.07
rs111346211	T	0.0416
rs62508795	A	-0.0795
rs117907634	T	-0.046
rs73187999	T	-0.0277
rs10156285	G	0.028
rs76786066	G	0.0791
rs77157758	G	0.0911
rs139324990	T	-0.0796
rs80251456	G	-0.0721
rs17064818	T	-0.0266
rs12549402	C	0.0238
rs117157620	A	0.1102
rs17622362	A	0.0473
rs7818325	T	0.0195
rs35249261	T	0.0168
rs78393395	T	0.0802
rs17358339	A	-0.0712
rs111703096	A	0.1029
rs58209053	C	0.0507
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rs9643399	C	0.0252
rs7813269	G	0.0451
rs10112279	T	0.0236
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rs11166679	A	0.0182
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rs73281005	A	-0.0785
rs75201054	A	-0.0638
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rs920048	G	0.0168
rs74377536	A	-0.029
rs75190271	T	0.0483
rs10282786	C	0.0252
rs34302100	A	0.019
rs147224643	A	0.0595
rs9987098	T	-0.0377
rs113103197	G	0.113

rs78428098	C	-0.043
rs2319093	T	-0.0299
rs62492801	G	-0.0499
rs72686707	C	-0.0829
rs75851752	G	0.1756
rs2316312	G	0.0631
rs74428518	T	-0.0781
rs117463486	A	0.069
rs60411515	A	0.0331
rs57045395	A	-0.0582
rs35394837	G	-0.1174
rs113667932	T	-0.0732
rs142995421	A	0.0671
rs145070711	A	-0.0911
rs143900325	A	0.093
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rs73255934	T	0.0543
rs117775414	T	-0.0756
rs141162627	T	-0.124
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rs3903247	T	-0.0168
rs17372186	T	-0.1046
rs80220466	G	-0.0423
rs113931594	A	0.1027
rs432122	G	-0.1009
rs59002378	T	-0.0586
rs11780224	G	0.0223
rs4736310	G	0.0708
rs7819731	A	0.0477
rs78360728	T	-0.0734
rs10087611	T	0.0216
rs2929079	A	-0.0243
rs1440756	G	0.0196
rs35563223	G	-0.0731
rs16915884	T	-0.0498
rs28716822	C	-0.0889
rs116866162	A	-0.0938
rs2958751	T	-0.021
rs10086919	A	-0.0237
rs112095748	G	0.0771
rs13248373	A	0.0753
rs7004171	A	-0.0168
rs62529969	T	-0.1155
rs34021868	C	0.0383
rs1968853	C	-0.0168
rs34655377	T	-0.0728
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rs151188010	C	0.1126
rs75126702	A	0.1034
rs148579648	T	-0.1327
rs2060319	T	0.0243
rs34687306	C	0.0209
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rs78207897	T	0.0691
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rs117003504	T	0.1353
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rs117159076	T	0.09
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rs116967356	C	-0.0545
rs9642792	A	0.0629
rs79010549	A	0.0703
rs117043786	A	0.1067
rs1346114	C	0.0317
rs117508345	G	-0.0851
rs117423580	C	-0.1346
rs35884570	C	-0.0517
rs74798053	C	-0.0404
rs74358053	A	-0.053
rs59114219	T	0.0282
rs28665614	T	0.0736
rs13266296	A	0.0725
rs75249163	A	-0.0708
rs16903003	T	-0.0797
rs73186434	A	-0.0387
rs141271589	T	0.0535
rs58520819	G	-0.0199
rs118080928	A	0.0267
rs117534197	A	0.0723
rs62519434	G	0.0268
rs80029792	T	0.063
rs17322708	A	0.0177
rs332025	C	-0.0243
rs76912493	G	0.1109
rs117606626	C	0.0824

rs396121	T	0.0806
rs13267835	T	-0.0251
rs145313644	G	0.0951
rs7012277	T	-0.0345
rs117153361	C	-0.1189
rs13258852	A	0.0248
rs117887824	T	0.137
rs75799297	G	0.0356
rs28540951	C	0.0215
rs78057154	C	0.0694
rs141644652	C	-0.0507
rs13255413	A	0.0196
rs13260530	T	0.0327
rs117728565	T	-0.0551
rs1125711	G	0.0228
rs2976952	C	0.0172
rs7010162	T	-0.0164
rs1036540	A	0.0389
rs138394736	T	-0.0541
rs116908237	T	0.0734
rs77126784	G	-0.1019
rs117371606	G	-0.0677
rs3021510	G	0.029
rs4871862	G	-0.0647
rs17696121	G	-0.0465
rs7834273	T	-0.037
rs72714295	A	0.0404
rs117672236	G	-0.0694
rs149677340	A	0.085
rs62513214	A	0.0361
rs74492632	A	-0.09
rs3105773	T	-0.0291
rs2272662	C	-0.0238
rs72653977	G	-0.0692
rs2935592	G	0.0206
rs4735811	G	-0.0204
rs7813880	T	0.0224
rs73213617	T	0.057
rs12677561	G	0.0163
rs56075144	C	0.127
rs143568834	C	-0.0845
rs76930215	G	0.1158
rs117993125	A	-0.0634
rs13259383	C	-0.0156
rs34107329	A	-0.0597
rs7464367	A	0.0331
rs56945296	T	-0.0322

rs7814246	T	-0.0168
rs335236	T	0.0559
rs7834029	C	0.0193
rs7018237	T	0.0192
rs80201701	T	-0.0863
rs117814953	A	-0.1197
rs141026096	A	0.1052
rs11777731	T	-0.0749
rs2286217	C	0.0852
rs28585544	G	0.0215
rs4733225	C	-0.0197
rs17180113	T	-0.059
rs80163728	A	-0.0479
rs74529039	C	-0.0616
rs4840955	A	0.0193
rs6984305	A	0.0256
rs957571	T	-0.047
rs142666095	T	0.105
rs11781720	G	-0.0156
rs117943696	C	-0.0864
rs1900080	G	-0.0269
rs678287	G	0.0303
rs62530500	T	0.0181
rs55817265	T	0.0225
rs80325820	T	0.0415
rs62520430	C	-0.1211
rs1658816	C	0.0319
rs144929292	A	0.0654
rs7839968	A	-0.0199
rs78298612	A	0.0441
rs7016433	A	0.0176
rs7834318	A	0.0176
rs74579493	T	0.0246
rs62521426	A	-0.0268
rs2673586	A	-0.0244
rs13256702	C	-0.0532
rs72660617	T	0.1283
rs13263016	A	0.0582
rs115849244	T	0.041
rs10955072	T	-0.0214
rs17788084	T	0.0213
rs12334622	G	0.0185
rs10110029	G	0.0741
rs79822933	G	0.1134
rs117752472	C	0.0504
rs72725828	G	-0.0652
rs76971531	A	0.0747

rs6997345	T	0.07
rs7463045	T	0.0164
rs13256043	A	0.0159
rs72664678	G	-0.0996
rs4876828	T	-0.1026
rs72652144	G	0.0441
rs74469827	T	0.0427
rs11997454	A	-0.0154
rs59692671	G	0.0478
rs76422870	T	-0.0855
rs2385105	G	0.0286
rs76559556	T	-0.0728
rs56157182	T	0.04
rs71517428	G	-0.0807
rs79035663	A	0.0877
rs60412862	A	0.0233
rs11984652	T	-0.0244
rs73226031	T	0.0445
rs2509767	T	-0.0179
rs12547185	A	-0.017
rs16875207	A	0.0256
rs7386814	G	-0.0269
rs2034139	T	-0.0253
rs922991	G	0.039
rs968427	C	0.0159
rs10955889	C	-0.016
rs112382505	A	-0.0632
rs80311606	G	0.0306
rs149115174	G	0.1003
rs72672139	C	0.0342
rs76797667	C	-0.0263
rs141755905	T	0.0671
rs117586154	T	0.075
rs4831804	T	0.0693
rs13265277	A	-0.029
rs11780536	A	0.0159
rs56883978	C	-0.0639
rs13276096	A	0.0275
rs77490608	T	-0.045
rs2976281	A	-0.0172
rs117147459	T	-0.0902
rs35311584	A	-0.0788
rs117287535	A	-0.072
rs17119873	G	-0.0297
rs2381884	C	0.076
rs11783948	C	-0.0383
rs56372014	C	-0.0769

rs77648387	G	-0.0347
rs1033345	A	-0.0154
rs2543132	G	0.0192
rs11782327	T	0.0183
rs146518054	A	-0.0748
rs117970314	C	-0.1044
rs504718	G	0.0179
rs13265279	C	0.0187
rs4294223	A	0.0271
rs149285521	G	0.0867
rs77732910	C	0.0577
rs75608628	C	0.097
rs6990528	A	0.0872
rs113819739	G	0.0603
rs118058859	C	0.084
rs3758016	A	0.0299
rs55715410	C	0.0159
rs62510850	C	-0.016
rs10448055	A	0.0252
rs79863759	A	0.0369
rs77809897	T	0.0402
rs117738386	T	0.0589
rs35766475	T	-0.037
rs117119074	A	-0.1083
rs36012848	T	0.0624
rs138975447	T	-0.1293
rs118039738	G	-0.0628
rs7386855	A	0.0933
rs144105028	C	0.0485
rs117417266	C	-0.0687
rs62526542	C	-0.026
rs75156607	G	0.1044
rs7007485	A	-0.0163
rs116451605	T	-0.0878
rs138400467	T	0.1323
rs142687757	T	0.0781
rs79906967	T	-0.0741
rs16904722	T	0.0248
rs2721295	A	0.031
rs13263923	T	-0.0215
rs7826929	G	-0.0369
rs7000593	T	-0.0194
rs138381919	A	0.1129
rs66475112	C	0.017
rs66717547	A	0.06
rs66797489	T	-0.0195
rs117642860	T	0.0777

rs7819785	A	-0.0222
rs10099145	T	0.0327
rs62523328	A	0.0216
rs4526352	C	-0.029
rs113264320	G	0.0905
rs74869948	T	-0.0694
rs2304791	A	0.0199
rs73368328	A	-0.0679
rs13258591	T	0.0174
rs7000119	C	0.0249
rs117233420	A	-0.0791
rs4831248	G	-0.0165
rs28656888	T	-0.018
rs55662275	T	-0.0178
rs13262185	T	0.0158
rs1525053	T	0.0252
rs60924761	C	-0.0553
rs77745148	C	-0.0723
rs144003715	A	0.086
rs4416829	C	-0.0226
rs117517631	T	-0.0495
rs118075932	A	0.0528
rs2511542	T	-0.0538
rs143470002	A	-0.1435
rs7813692	G	0.0471
rs7002220	A	0.0236
rs11775186	G	0.0306
rs17367526	G	-0.0328
rs140539272	G	0.0523
rs12335284	C	0.0231
rs55941207	G	0.0679
rs1918211	G	0.046
rs13271368	T	0.0195
rs56221900	T	0.0298
rs4587358	A	0.016
rs7386524	T	0.0158
rs111896036	T	0.0872
rs75170935	A	0.0897
rs77006808	G	0.029
rs7828102	G	0.0322
rs144638157	T	-0.028
rs75556680	C	0.0748
rs7833815	T	-0.0288
rs140452685	A	-0.0377
rs72677433	C	0.044
rs74761090	T	-0.0611
rs116903865	T	-0.0737

rs34001136	T	-0.0163
rs117576053	A	0.0512
rs72682322	C	-0.0562
rs2318331	G	-0.0163
rs72683259	G	0.0968
rs77742551	T	0.0396
rs7835133	T	-0.0182
rs150951108	A	-0.0758
rs1542827	G	0.018
rs6995801	C	0.076
rs74958427	A	0.0924
rs76346743	A	-0.0566
rs111254973	T	0.0398
rs117482447	G	0.0523
rs6601316	A	-0.0163
rs2684386	A	-0.0286
rs16925639	T	-0.0848
rs150154566	G	0.0767
rs41364248	G	-0.0456
rs12155896	C	-0.0241
rs4732847	C	0.0153
rs117071011	G	0.1217
rs62506783	T	-0.0754
rs7007235	T	0.0178
rs2729483	C	-0.0248
rs11779719	C	0.1082
rs76760663	T	-0.0486
rs34392777	T	-0.0172
rs146780178	G	0.0573
rs3758014	A	-0.0207
rs2975683	G	-0.0286
rs17357946	G	0.0896
rs11994748	C	-0.0171
rs112798116	C	0.1487
rs11781776	T	0.1067
rs140221841	A	0.0505
rs35836095	A	-0.1206
rs79571992	A	0.0791
rs68028818	G	-0.027
rs78609377	A	-0.0477
rs16924197	T	0.046
rs143316782	T	0.0763
rs79101695	T	-0.0405
rs62524872	T	-0.0182
rs12548747	G	0.0164
rs10216747	A	-0.0218
rs79913048	T	-0.0339

rs7012425	T	-0.0267
rs80181644	T	0.1314
rs74430205	T	-0.0657
rs55972712	T	-0.0505
rs117710213	C	-0.1013
rs6470195	T	-0.0232
rs17425970	T	0.0223
rs143996979	T	0.0952
rs4733853	A	-0.0164
rs1499456	G	0.0243
rs13261562	G	-0.0208
rs149949951	A	0.1066
rs2978974	A	-0.0168
rs78790733	G	0.0532
rs16920119	G	0.0288
rs76418330	G	0.0444
rs2253336	G	0.0253
rs150455944	T	0.0778
rs143564637	A	-0.1078
rs34959295	A	0.0278
rs144869026	A	0.0923
rs74523250	A	0.0404
rs4875588	G	-0.0409
rs60749214	G	0.0303
rs2044937	A	0.0183
rs12546068	C	-0.0158
rs270800	T	0.0172
rs2703391	A	-0.0188
rs1493939	G	0.0169
rs4504658	G	0.1107
rs4563926	T	0.0221
rs2510817	A	0.0183
rs114557550	T	0.0449
rs117511062	A	-0.0557
rs76792319	A	-0.0284
rs2466290	G	-0.0215
rs78010363	A	0.047
rs75796199	T	0.0273
rs11780368	T	0.0724
rs13267093	G	0.0167
rs10111384	A	-0.022
rs11987609	C	0.0238
rs9656753	A	0.05
rs147147962	A	0.1025
rs148466568	C	-0.1053
rs111780706	G	0.0605
rs144923012	T	-0.0623

rs11779295	A	-0.0398
rs1217675	T	-0.0186
rs55839840	T	0.0565
rs11779200	T	-0.025
rs10104090	G	-0.0285
rs118122144	C	0.0845
rs11994006	T	0.0445
rs10100562	T	0.0309
rs2623693	A	0.0926
rs7841934	A	0.0233
rs12682584	C	0.0664
rs72715324	T	0.1275
rs146057062	T	0.0753
rs4736442	G	0.0152
rs2860237	C	-0.0708
rs10087462	T	-0.035
rs76914234	C	-0.0389
rs67304205	G	0.0195
rs13274559	C	-0.0192
rs12546880	G	-0.0173
rs12678428	C	0.021
rs56246995	G	0.0327
rs72659279	A	0.1012
rs78980191	C	-0.0721
rs80136771	T	-0.0484
rs4131922	T	-0.0175
rs672725	C	0.0652
rs74917546	T	-0.1323
rs117101543	A	0.0328
rs145479002	T	-0.1319
rs2975834	C	0.0201
rs311636	G	-0.0192
rs73208478	C	-0.0282
rs139656724	G	0.0489
rs75416181	C	0.0741
rs117123626	A	0.0625
rs75252542	T	-0.0201
rs12334999	G	-0.0399
rs76420667	G	-0.0237
rs7815362	A	0.0552
rs4840398	G	0.0218
rs1008786	T	-0.0277
rs113500412	C	0.0331
rs7821231	A	-0.0194
rs112281752	T	0.1205
rs72712446	C	-0.036
rs113395931	A	-0.061

rs777606	A	-0.0273
rs79713301	A	-0.0361
rs146508400	G	-0.0849
rs1543231	A	-0.0569
rs6472184	C	0.0283
rs140332560	T	0.1299
rs35255772	T	-0.0607
rs75550952	C	-0.058
rs2410622	T	0.025
rs12543427	A	0.0251
rs111671500	A	-0.0707
rs72687474	A	0.0416
rs78193484	A	-0.0476
rs77360592	T	0.0868
rs2599657	A	-0.0158
rs72657107	A	-0.0456
rs62504676	G	0.0165
rs73209710	A	-0.085
rs7014762	A	-0.0183
rs117807908	A	-0.1165
rs10111989	T	0.0172
rs712262	A	0.0663
rs77475575	T	-0.0797
rs143048540	A	-0.1067
rs2737423	A	0.0638
rs77532975	T	0.1061
rs7816400	A	0.0164
rs148679958	G	0.0684
rs2688388	G	-0.0169
rs73217502	T	0.0582
rs7828107	C	0.016
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rs7005030	C	0.018
rs2410092	G	-0.0165
rs79211951	T	0.1204
rs117338900	G	0.1195
rs112339223	A	0.097
rs72720099	A	0.0853
rs2245371	G	0.0206
rs3915306	G	-0.0254
rs79820490	C	0.1186
rs17452891	A	0.06
rs75982150	G	-0.1003
rs4738048	C	-0.0185
rs138684658	C	0.1215
rs13276675	T	-0.0199
rs62508293	T	0.0827

rs7006709	G	0.0202
rs146413782	A	-0.1263
rs76437608	C	-0.0562
rs11992693	T	-0.0287
rs146551497	T	-0.054
rs71530844	C	-0.0512
rs1437593	C	-0.0165
rs12550015	C	0.0237
rs12546284	A	-0.0522
rs62521020	A	-0.0959
rs2334794	C	-0.0164
rs10108543	C	-0.0166
rs75552314	G	0.0817
rs333062	G	0.0187
rs6470848	A	0.0182
rs2258791	C	-0.0266
rs11204143	A	0.0235
rs149801835	G	-0.0672
rs7820324	C	0.0163
rs117267652	T	0.0685
rs74500191	G	-0.0849
rs7826529	T	-0.0193
rs3829032	T	0.0188
rs77536858	C	0.0332
rs4243510	C	0.0186
rs34269404	T	0.0267
rs144699644	C	-0.0651
rs10100726	T	0.0172
rs17698247	A	-0.0233
rs75671769	G	-0.0288
rs111469507	T	0.0678
rs9643354	A	0.0545
rs2016573	C	-0.0187
rs2916707	C	-0.0209
rs1318722	C	-0.0329
rs11786571	G	0.0212
rs77734482	C	0.0465
rs56265817	T	0.1054
rs112802688	C	-0.0472
rs17379382	C	0.0316
rs10100732	C	-0.0251
rs7007921	C	0.0168
rs35986760	C	-0.1175
rs13250518	C	0.0256
rs7843290	A	0.0466
rs16936388	T	0.0265
rs7006204	G	-0.0172

rs2280819	T	0.0294
rs142815193	A	-0.0273
rs73668782	A	-0.046
rs116945908	A	0.0589
rs117524354	A	-0.0906
rs1554460	C	0.0227
rs7836192	G	0.0149
rs16897544	T	0.0354
rs17750361	G	0.0496
rs35461919	T	0.044
rs4733974	T	-0.0148
rs4397371	C	0.0173
rs691619	C	0.0186
rs140977402	A	0.1033
rs118008586	T	0.0543
rs73172220	C	-0.1323
rs73309282	C	0.0272
rs76173235	C	0.0199
rs116848114	A	0.0837
rs35160940	G	0.0719
rs62498294	C	0.0429
rs74524106	T	0.1153
rs60331211	A	-0.0223
rs983956	A	0.052
rs7006756	C	-0.0199
rs113852735	C	0.0968
rs55907350	C	0.0363
rs116874839	A	0.0903
rs12547803	C	-0.0202
rs4310187	G	0.0389
rs1383575	G	0.0158
rs118152223	A	0.0537
rs2015441	G	-0.0358
rs78574420	C	-0.0514
rs13257327	A	0.0223
rs73225898	A	-0.0615
rs72667900	T	-0.0311
rs7832398	G	-0.0162
rs4738130	C	0.0208
rs79915250	T	-0.0946
rs78167436	T	0.0505
rs34503346	T	-0.0197
rs1193324	G	0.0202
rs283	T	-0.0206
rs78940828	A	0.047
rs62505594	A	-0.0453
rs137878516	T	-0.0726

rs117553053	A	-0.0733
rs80264769	C	-0.0597
rs62526981	A	-0.0174
rs2048091	C	0.0165
rs117371308	T	0.0279
rs11985714	C	0.0153
rs148729546	C	0.0693
rs79527452	A	-0.0878
rs75973151	T	-0.0563
rs79548834	T	-0.0857
rs71516780	T	-0.0348
rs16895337	A	0.0214
rs75943787	T	0.1191
rs146283006	A	-0.0983
rs1436003	A	-0.0197
rs4871232	C	0.0153
rs142033017	C	-0.074
rs62524089	T	-0.0149
rs73227150	A	-0.0341
rs56138333	A	0.0396
rs62523421	C	-0.0386
rs2513925	G	-0.0159
rs117342558	T	0.0698
rs1112779	T	-0.0156
rs73207298	C	-0.0933
rs78900483	G	-0.09
rs10094911	T	-0.1159
rs12386882	G	-0.0335
rs147066813	C	-0.0709
rs4496953	G	-0.0201
rs7463194	A	-0.032
rs76489584	A	0.0366
rs11785293	T	0.0328
rs13257707	T	-0.019
rs7017431	A	-0.0169
rs7015366	T	0.044
rs117096064	C	-0.0529
rs13279648	T	0.0334
rs73545193	C	-0.0285
rs117738314	A	-0.0504
rs7840443	A	0.0275
rs143882070	G	-0.0519
rs111878738	T	0.0668
rs145130426	A	0.0847
rs139386199	A	-0.0909
rs111233109	A	0.0459
rs57485414	T	0.0755

rs117884701	A	0.0844
rs117574224	A	0.1072
rs10098155	A	0.0289
rs76140871	C	0.0698
rs117537014	A	0.0487
rs77332030	G	-0.0649
rs78200062	C	0.0892
rs4588822	T	0.1534
rs117171477	C	0.0625
rs2929978	C	0.017
rs2034355	G	-0.0177
rs11525090	A	-0.0308
rs6995518	G	-0.0249
rs11783750	G	-0.0175
rs113694160	A	0.088
rs7010444	A	0.0266
rs151024481	G	0.0928
rs118150563	A	-0.0605
rs138214596	C	0.0831
rs115211978	C	0.0826
rs112155931	A	0.1287
rs28678828	A	-0.0266
rs10087746	C	-0.0312
rs73233494	T	-0.0478
rs17078124	T	0.0323
rs11774868	G	0.0347
rs112637095	T	0.0867
rs76689476	T	0.0511
rs4875118	G	-0.0884
rs149092558	C	0.0519
rs117215804	T	0.0557
rs117517880	G	0.0962
rs1060701	G	0.0267
rs10958016	G	0.0173
rs10108065	C	0.0796
rs13249406	G	-0.0214
rs148282477	A	0.0579
rs74791307	C	0.0489
rs35182554	A	0.0155
rs1549440	C	0.0172
rs62509896	G	-0.124
rs3107045	A	0.034
rs2467184	T	0.0168
rs4961399	G	0.0199
rs72640207	A	-0.0748
rs11996402	A	0.0229
rs62488483	A	0.0512

rs76900072	T	-0.0454
rs76795304	T	-0.0564
rs117413784	G	0.0833
rs78676714	A	0.0865
rs1482182	A	-0.0575
rs77052332	A	0.0639
rs907992	A	-0.0254
rs13256003	C	0.0262
rs143831229	T	-0.0583
rs6987502	A	0.0355
rs7013222	A	0.0159
rs2920950	T	0.0174
rs10110316	A	-0.0261
rs140618126	G	0.0669
rs117052342	C	-0.128
rs74366068	T	0.0465
rs11776835	A	-0.0351
rs2925205	G	-0.0621
rs76722755	T	0.0735
rs17383226	A	0.0404
rs55993767	C	0.0395
rs74551461	A	-0.09
rs10094312	G	0.0197
rs2945746	C	-0.016
rs144380553	A	-0.0708
rs138063965	T	0.0667
rs74499466	C	0.0874
rs7815786	G	0.0278
rs4360279	T	0.0379
rs10504453	A	0.028
rs117474237	A	0.151
rs79301932	A	-0.0941
rs4871716	C	-0.0201
rs12546386	T	0.0229
rs849043	T	-0.0697
rs76175854	C	-0.0308
rs2466047	G	0.0448
rs62513498	A	0.0316
rs10100124	T	0.0491
rs11776685	C	-0.0873
rs10102248	T	0.0165
rs4922094	T	0.0154
rs139084742	T	0.058
rs16897856	A	-0.0457
rs2741706	G	-0.0234
rs10110850	C	-0.0275
rs72631177	G	-0.0396

rs17671921	T	-0.0235
rs117984158	T	-0.0679
rs67578570	A	-0.0226
rs117475219	A	-0.0729
rs113689270	C	-0.0553
rs6984818	T	-0.0163
rs67731524	A	0.0196
rs4875202	T	-0.0174
rs12682174	C	-0.0192
rs149022945	T	-0.0694
rs11780039	G	0.0847
rs72658246	C	0.0263
rs77630749	A	0.0699
rs11785217	G	-0.0825
rs6990027	T	-0.0231
rs148656554	C	0.0603
rs1518504	A	0.0182
rs72654699	T	0.0286
rs78582430	G	0.0887
rs2278897	A	0.0179
rs10505018	A	0.0238
rs11136066	T	0.0201
rs117840467	C	-0.0797
rs9324443	T	0.018
rs2725023	C	0.0184
rs13281210	C	0.0159
rs76370293	A	-0.0949
rs17792062	G	-0.0537
rs34389024	G	-0.015
rs144155747	G	-0.0735
rs11786728	T	-0.0146
rs2725376	G	0.0173
rs71529183	T	0.0632
rs60242065	C	-0.0269
rs2736070	G	-0.0157
rs73194719	T	-0.0635
rs113847758	G	-0.0689
rs117766276	C	-0.0374
rs1105081	C	-0.0401
rs34175715	C	0.0461
rs11774503	G	-0.0146
rs7015175	T	0.0184
rs113661978	T	0.063
rs4870922	A	-0.0157
rs36046373	A	-0.0385
rs138984069	G	0.0788
rs7817826	T	0.0172

rs73185648	G	0.0475
rs13277178	A	-0.0173
rs272612	C	-0.0216
rs150003300	A	-0.0753
rs4445215	C	-0.0218
rs75127456	C	0.0269
rs145970676	G	-0.0591
rs78793385	G	-0.0769
rs13267449	T	0.0153
rs17622244	C	0.0269
rs62511413	G	-0.0386
rs10105614	A	0.0301
rs34943901	G	-0.02
rs11779451	A	0.1048
rs140813024	C	0.0761
rs62519267	G	-0.0204
rs10046650	A	0.052
rs117569167	T	-0.0949
rs1989321	G	0.0157
rs2046180	G	0.0192
rs904544	A	-0.0147
rs145918426	G	-0.0479
rs149404285	T	0.0464
rs1542067	G	0.016
rs111408549	A	-0.0688
rs16885210	G	0.0209
rs12548864	T	0.0157
rs75282136	A	0.0383
rs112077869	T	0.0758
rs76139143	G	-0.051
rs76253020	C	0.1257
rs73201178	A	-0.0354
rs16870721	T	0.0643
rs75004191	A	0.0969
rs1373296	G	-0.0223
rs117978268	T	0.0766
rs151305136	C	0.0598
rs1481851	T	-0.0244
rs117320543	T	-0.0857
rs56262989	A	0.0416
rs79587346	A	-0.0242
rs4504629	T	0.0884
rs76293240	G	-0.0646
rs79409820	T	-0.0459
rs75311714	C	-0.0614
rs11785313	T	-0.0293
rs71522407	T	-0.027

rs11166837	T	-0.0209
rs72646707	T	-0.0655
rs111494529	G	-0.0993
rs117697608	T	-0.0979
rs13269639	C	0.0152
rs28733973	C	0.0247
rs117665106	T	0.0763
rs72662016	G	-0.0632
rs151047437	G	0.1055
rs79924902	G	-0.0274
rs117859444	T	0.0418
rs13258110	A	-0.0181
rs2517231	G	-0.0381
rs142970523	C	-0.1219
rs6983758	C	-0.0485
rs7819476	C	-0.0255
rs76597445	C	0.1174
rs4736741	T	-0.0547
rs7821676	T	-0.0427
rs77709095	A	-0.0296
rs147812305	T	-0.045
rs4841164	A	-0.0587
rs2720477	C	0.0581
rs72673731	T	0.0172
rs2929984	A	-0.0187
rs76247125	T	0.1006
rs34655427	A	0.0266
rs75054813	G	0.0741
rs62513223	A	-0.0386
rs116923120	T	0.0673
rs141684822	T	0.0604
rs73224730	C	-0.0307
rs41306051	G	0.0389
rs76605947	A	0.0357
rs139140986	A	0.1098
rs41373445	C	0.0365
rs2242196	C	-0.0198
rs17747417	C	0.0155
rs116897392	A	-0.0575
rs4571694	C	0.0318
rs7828470	A	0.0201
rs4434641	A	-0.0184
rs2638659	C	0.0195
rs1834743	G	0.0153
rs72679715	T	0.0627
rs11985852	T	0.0175
rs147147889	G	0.1132

rs74999010	T	0.0681
rs11775756	A	-0.0161
rs16908136	T	0.0485
rs148696717	A	-0.0814
rs17675288	A	0.0657
rs117234384	G	-0.1038
rs79617605	T	-0.0857
rs17445804	C	-0.0746
rs117828825	C	-0.0585
rs117159484	T	-0.1013
rs76887243	T	0.037
rs72731834	C	0.1086
rs62496161	T	-0.0363
rs34501252	G	0.0735
rs7006821	C	0.03
rs117950157	T	-0.0657
rs62499380	T	0.0545
rs143348043	G	-0.0861
rs7833967	T	0.0205
rs56035822	G	0.023
rs78548220	G	0.0361
rs144318826	T	-0.0836
rs2947388	C	-0.017
rs1374633	T	0.0225
rs75949256	T	0.063
rs96621	C	0.015
rs117303935	T	0.0474
rs17732285	T	-0.0289
rs1814597	A	-0.0231
rs62521078	C	0.0512
rs7463341	C	0.0183
rs2513892	A	0.0164
rs3110545	T	0.0214
rs34885530	C	-0.084
rs6994534	T	0.0152
rs75313451	T	-0.0728
rs117541568	C	-0.1018
rs61400275	A	-0.0256
rs72736308	T	-0.0804
rs117138691	T	-0.0872
rs2730007	C	-0.0162
rs4449754	T	0.0153
rs11562689	A	0.0482
rs7835648	C	-0.0222
rs9657108	G	-0.0284
rs2527090	A	-0.0201
rs73224048	G	-0.0182

rs138474473	T	-0.0848
rs147228407	A	-0.095
rs77114754	T	0.0406
rs73190532	G	0.04
rs13260471	G	0.0225
rs60375104	T	0.0371
rs117383806	T	-0.0562
rs117295144	C	0.0909
rs13439372	A	-0.0314
rs12550738	C	-0.0239
rs144900977	T	0.1062
rs117136348	A	-0.0552
rs118122133	T	0.1307
rs78469946	A	0.0449
rs148271759	G	-0.0857
rs1372725	A	-0.0895
rs10088834	G	-0.0481
rs73706474	A	0.0984
rs10097857	C	0.0164
rs16889988	T	-0.0173
rs34415813	T	0.0723
rs1495008	C	-0.0189
rs11166976	A	-0.0155
rs79768953	T	-0.0359
rs2956605	A	-0.0149
rs149776412	C	0.0663
rs13282612	T	-0.017
rs62527571	C	0.1031
rs73317516	A	-0.0389
rs79308097	T	-0.084
rs41272429	C	0.1032
rs144428485	C	-0.0833
rs6987973	C	-0.0158
rs2738154	T	-0.085
rs117947181	A	-0.0992
rs76496495	G	0.0404
rs148692853	A	-0.0756
rs138379900	T	0.1217
rs10086092	C	-0.02
rs76624063	A	-0.0829
rs62521793	G	0.0691
rs116866149	G	0.0878
rs75454337	A	0.0394
rs3019409	G	-0.0165
rs10098694	T	-0.0148
rs4574885	T	0.0256
rs75297146	C	-0.0383

rs76733025	G	0.1594
rs7014324	A	0.0228
rs78350009	T	0.0436
rs13262435	C	0.0344
rs73693535	A	0.0375
rs73680342	G	0.0952
rs117207634	G	0.0855
rs6468091	T	-0.0254
rs58785020	G	0.0669
rs7015613	C	-0.0162
rs11782824	C	0.015
rs16904047	T	-0.0592
rs78457180	C	-0.0668
rs17422451	T	-0.0235
rs76810149	C	-0.026
rs4831358	T	0.0164
rs13269845	G	-0.0393
rs76333965	G	0.0337
rs116966238	T	-0.1185
rs117539235	C	0.0484
rs4549798	C	0.0205
rs10503664	A	0.021
rs35554133	A	-0.0954
rs72643087	C	-0.1161
rs34179728	G	-0.0212
rs74634477	A	-0.022
rs6980809	T	-0.0166
rs117031968	G	0.0289
rs79250792	T	0.0557
rs423150	C	0.0165
rs75277048	T	0.0268
rs13259811	T	0.0246
rs80308090	A	0.0274
rs62501810	T	0.0246
rs7822171	T	-0.0307
rs4733014	A	-0.019
rs117180822	T	0.0612
rs140747020	G	-0.0715
rs76519456	G	-0.0537
rs77250865	A	0.073
rs10954970	G	-0.0221
rs17504762	G	-0.0339
rs147069404	G	-0.1142
rs2117980	A	0.0153
rs7834677	C	0.0273
rs80261304	A	0.072
rs139490109	A	-0.0822

rs139068311	C	0.0622
rs7835305	T	0.0143
rs4385439	A	0.0192
rs148346626	A	0.1039
rs13262251	G	-0.0379
rs116869929	A	0.0604
rs17326642	A	0.0142
rs10503587	T	0.0307
rs6986328	G	0.0353
rs1375645	T	0.0176
rs4545067	T	0.0394
rs3134085	T	-0.0172
rs7016572	T	0.0214
rs61364965	T	0.0989
rs10109527	G	-0.0314
rs117934693	C	-0.0508
rs142324274	T	-0.1192
rs71525137	C	0.0274
rs62510310	A	0.1385
rs117070978	G	-0.1252
rs6984312	C	0.02
rs74913254	G	0.0839
rs72688434	A	-0.0945
rs35628529	A	0.0287
rs117689289	A	0.0806
rs75898420	G	-0.0597
rs117904148	T	-0.075
rs4567028	G	0.0183
rs10104536	C	-0.0265
rs74611631	C	0.0356
rs1511712	C	-0.0148
rs117771239	A	-0.0699
rs4078228	A	0.0209
rs115266803	T	0.1579
rs12548647	G	-0.0153
rs16934276	G	-0.036
rs117832958	C	0.0606
rs11987533	A	-0.0225
rs73184350	A	-0.0822
rs77360585	A	0.0371
rs17313391	T	0.0437
rs117784259	A	0.1163
rs150159381	T	0.1237
rs113311007	C	-0.0814
rs148019245	G	-0.0548
rs17732321	C	0.0924
rs2941568	C	-0.0149

rs75748119	T	0.1288
rs12545686	G	0.0463
rs148847026	C	-0.0974
rs849041	A	-0.017
rs17483163	G	0.0149
rs62500433	A	0.0362
rs117809659	C	0.0666
rs72675745	T	-0.0723
rs12546301	G	0.0148
rs35475892	T	0.0163
rs1521365	C	0.0306
rs141417288	T	0.0756
rs140341974	A	0.0195
rs1604752	C	0.0199
rs1348794	C	-0.0147
rs71530885	A	0.038
rs143454041	C	-0.0758
rs76693667	T	-0.08
rs76209450	A	-0.0452
rs11784808	T	0.0302
rs6558034	T	-0.0174
rs72662957	T	-0.021
rs28549691	A	-0.0192
rs7459863	C	0.0146
rs4503134	A	-0.0153
rs17320037	A	-0.0577
rs28645241	T	-0.0202
rs144208930	T	-0.0739
rs79030160	A	0.0246
rs117257365	C	-0.0966
rs11787297	G	0.0148
rs59157041	T	0.0228
rs77712962	C	0.0955
rs76226726	T	0.1132
rs60567725	G	-0.0152
rs34318853	A	0.0178
rs10092799	C	0.027
rs73208821	C	-0.032
rs55807851	A	-0.0291
rs605422	A	-0.0588
rs1721100	C	0.016
rs113167076	A	0.0771
rs75098974	C	-0.0925
rs116861093	T	-0.1137
rs78263943	C	0.0595
rs723086	T	-0.0165
rs2978128	G	-0.0228

rs117505037	A	-0.0636
rs2102291	T	0.0174
rs17064491	A	-0.0628
rs12550826	T	-0.0251
rs12682390	G	0.0159
rs59898156	T	0.0275
rs4961227	A	0.0957
rs2357668	G	0.0161
rs34045165	A	0.0153
rs62502256	C	-0.035
rs35543354	C	0.0225
rs1378124	C	-0.0154
rs11136271	T	-0.0179
rs74793716	C	0.1154
rs34806397	C	-0.0159
rs17292516	G	-0.0189
rs143514045	T	0.0702
rs17499933	C	-0.0146
rs112905772	C	0.0203
rs34321495	G	0.0237
rs12676220	C	0.0145
rs77992938	C	-0.0311
rs75911157	A	0.0426
rs117686675	T	0.0877
rs73663939	C	-0.0614
rs78829585	G	0.0464
rs1520931	T	-0.0664
rs7822397	C	-0.0228
rs117556959	G	0.0526
rs17343437	G	0.1082
rs34836431	T	-0.0323
rs117150872	T	-0.0528
rs1382259	G	0.0188
rs1871099	C	-0.0151
rs117363849	G	0.0918
rs17676228	T	-0.015
rs117188077	G	0.0822
rs117667687	A	0.0609
rs9329228	C	-0.0145
rs148552874	T	0.0719
rs72664924	G	-0.027
rs139761808	T	0.0778
rs13278341	A	0.0146
rs72684507	T	-0.0497
rs117713917	T	0.0774
rs56375803	A	-0.0963
rs13269637	A	-0.0676

rs28986502	G	-0.0578
rs62486860	T	0.0273
rs2726598	A	0.0161
rs76360281	G	-0.0698
rs78664279	G	0.0482
rs75582878	C	-0.0207
rs10101560	T	-0.0789
rs7826495	G	-0.0203
rs78358410	G	0.0211
rs72676312	A	-0.0475
rs17492141	G	-0.0575
rs62487413	T	-0.0453
rs141522963	A	-0.1197
rs73672958	T	0.0875
rs55932030	A	-0.0575
rs13261269	T	-0.0148
rs16886637	G	-0.0315
rs6980555	T	-0.0624
rs10094436	G	0.0749
rs7829887	T	0.0169
rs57768039	G	0.0213
rs73215640	C	0.0292
rs76700131	C	0.0729
rs1447055	G	-0.0197
rs4872967	A	0.0227
rs12679963	T	0.0231
rs117756612	G	-0.0605
rs72652955	T	0.0935
rs35113558	G	0.0789
rs16904685	A	0.0197
rs10090288	C	0.0258
rs3134369	G	0.0154
rs35415170	A	0.0316
rs4736369	C	0.0202
rs10092583	T	-0.0741
rs2638624	T	0.0252
rs6469218	T	-0.0529
rs17834024	C	0.0315
rs149469919	G	-0.0764
rs117095732	T	0.0496
rs117475070	A	0.0454
rs16915833	G	-0.029
rs77729326	A	0.0342
rs141277904	T	-0.0952
rs7834631	C	0.0179
rs7824918	G	0.0319
rs34813506	A	0.0608

rs140184354	A	0.0785
rs117922409	C	-0.0851
rs2705290	A	0.0274
rs11779324	G	-0.0444
rs7840525	T	0.0151
rs75777242	G	0.0701
rs16893621	A	-0.022
rs79135882	C	0.1032
rs2163372	T	-0.0146
rs6993241	C	0.0158
rs10111401	C	-0.0142
rs79124969	T	0.0235
rs2032686	G	0.0165
rs11774592	T	-0.0256
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rs117829486	T	-0.0816
rs77977869	T	0.0212
rs7846636	A	0.0695
rs941006	C	0.0255
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rs10109622	T	-0.0175
rs2924735	C	-0.0461
rs112041776	A	0.0841
rs77807355	T	-0.073
rs151119793	C	-0.0538
rs7835273	T	-0.0463
rs75763281	A	-0.0423
rs13282051	C	-0.0169
rs16933423	G	0.0531
rs76804878	G	-0.0741
rs113613536	C	0.0833
rs73523296	C	-0.0213
rs80292772	T	0.048
rs2978129	C	-0.0155
rs2033559	T	-0.0143
rs62517848	A	0.027
rs17429734	G	0.0311
rs2168667	C	0.017
rs76920024	A	-0.0819
rs111609239	G	-0.0808
rs62512810	A	0.0305
rs148590614	T	-0.1325
rs12541335	G	0.0144
rs118053938	C	-0.0366
rs73331946	A	0.0205
rs61219396	T	-0.0274

rs479690	C	0.0231
rs72671294	C	-0.0232
rs117908221	T	0.0694
rs9297310	T	-0.0257
rs150473010	A	0.0519
rs71521415	A	0.0899
rs16878058	A	-0.0249
rs72636351	G	0.02
rs78694188	G	-0.0322
rs62516531	T	0.0458
rs75040489	A	0.076
rs7813644	C	-0.0581
rs56296384	C	-0.05
rs143975428	T	0.0409
rs13253965	A	-0.0263
rs28478334	A	0.0285
rs7825359	G	0.0155
rs139211268	A	-0.0726
rs75960487	A	-0.0437
rs13439396	G	-0.0307
rs3019091	A	-0.0186
rs2670083	T	-0.0196
rs117851846	A	0.0989
rs60471102	A	-0.1069
rs138386088	A	0.0986
rs7386945	A	-0.0223
rs74411348	A	-0.085
rs62506580	G	0.0198
rs2980011	C	-0.036
rs2726595	G	0.0176
rs77074319	T	-0.09
rs117553793	T	0.0575
rs56342245	C	-0.0395
rs6471199	G	0.0242
rs6993578	T	0.0206
rs144495180	T	-0.0941
rs113794698	A	0.0178
rs2895702	C	-0.0171
rs62496727	C	0.0572
rs874270	T	0.0143
rs2306078	C	-0.0179
rs4437635	C	-0.0168
rs10112759	G	0.0298
rs117948684	G	-0.0352
rs139565181	T	-0.0716
rs71517894	T	0.0708
rs2582839	G	-0.0162

rs78948177	G	-0.0342
rs3816751	C	0.0205
rs10956200	G	0.0156
rs143051386	A	0.133
rs112207279	T	-0.0675
rs7846494	T	0.0158
rs72718056	A	-0.0256
rs147791117	A	0.0755
rs6995476	A	0.0216
rs7831282	T	0.016
rs150672620	A	-0.1244
rs613806	C	0.0279
rs13254335	T	0.0521
rs148200885	C	-0.059
rs1881130	T	-0.0152
rs141080344	G	-0.0882
rs11781631	A	0.103
rs147595766	C	0.0575
rs73173170	C	0.0486
rs74590675	A	0.0747
rs116088672	T	0.0728
rs11785037	C	0.055
rs144570436	T	0.0536
rs61343911	T	-0.0871
rs146729929	G	0.098
rs17653919	G	0.0215
rs72668188	G	-0.0391
rs35363111	A	-0.0767
rs7825448	G	-0.028
rs2517165	A	0.0176
rs2259056	A	0.0142
rs6471130	A	0.0652
rs2002030	C	0.0281
rs117517136	G	-0.0756
rs55767033	A	-0.0828
rs13249054	G	0.0271
rs17684990	G	-0.0227
rs72666215	C	0.0294
rs13261273	T	0.0314
rs62525458	T	0.0918
rs62494626	A	0.0607
rs113886735	T	0.0387
rs4732813	G	-0.0212
rs55869340	T	-0.0216
rs35081271	A	-0.0462
rs117808040	A	0.0691
rs16871828	A	0.0174

rs145971230	A	0.0238
rs2247296	G	-0.0458
rs11574365	C	0.0751
rs62515754	T	-0.052
rs558899	G	0.0298
rs76386471	T	-0.0248
rs2980940	G	0.0145
rs73215261	T	-0.0233
rs11781751	A	0.0535
rs10112630	A	-0.0145
rs71514971	T	0.085
rs117228597	C	-0.1125
rs4579548	C	-0.0148
rs112534342	C	-0.0825
rs34564758	A	-0.0434
rs1485297	G	0.0249
rs7007118	T	0.0957
rs4735148	A	-0.0152
rs73707295	G	0.0293
rs11777437	T	-0.0154
rs150524859	G	0.083
rs146655282	A	0.0461
rs73499844	C	0.0536
rs60229978	C	0.0563
rs10875455	A	0.0225
rs59380322	T	0.1297
rs2588112	G	-0.0168
rs72659610	T	-0.0719
rs13254844	T	0.0352
rs10092858	A	-0.0417
rs112106846	A	-0.0448
rs143635237	T	-0.0714
rs55769860	T	-0.0739
rs74452497	A	0.0586
rs112581479	C	-0.0618
rs146419476	T	0.0638
rs117636503	G	0.0678
rs13277567	G	-0.0188
rs141068466	C	0.0734
rs2186399	A	0.0151
rs78414372	C	0.0493
rs57687868	C	-0.0214
rs2442982	A	-0.0174
rs75116243	G	-0.0798
rs16842	C	-0.0155
rs13274751	G	0.0328
rs3104892	G	0.0149

rs72729861	A	0.0343
rs75984548	A	-0.034
rs2926826	C	-0.0159
rs73183913	C	0.0485
rs11988761	C	0.0154
rs1385723	G	0.0139
rs10097080	T	-0.0611
rs1861515	C	-0.0213
rs117408641	G	-0.0646
rs62487679	C	0.0248
rs12547369	A	-0.0158
rs13261136	G	-0.0148
rs35776772	G	0.0386
rs74724251	A	-0.0855
rs6985606	T	-0.0137
rs989991	A	-0.0397
rs79375376	G	0.0505
rs1438353	C	-0.0146
rs62497786	C	0.0609
rs138771051	G	0.0798
rs17671486	T	0.0503
rs80000894	T	-0.0521
rs139312223	A	-0.0578
rs78543350	C	-0.0603
rs4646257	T	-0.0183
rs7836905	G	0.0146
rs7846387	C	-0.0194
rs76184552	G	0.1057
rs4736036	G	-0.0253
rs62487340	C	-0.0977
rs75830192	A	-0.0844
rs11786500	G	-0.0258
rs12545005	A	0.0277
rs77809042	C	-0.0195
rs1521834	A	-0.0465
rs57776602	T	0.1045
rs4736462	G	-0.0227
rs1676976	C	0.0202
rs2588166	T	0.0229
rs1362891	A	0.0494
rs138521112	C	0.057
rs3115821	T	0.0538
rs72686188	A	0.0273
rs72636125	A	-0.05
rs4738131	C	0.023
rs117823715	G	0.0731
rs7006782	T	0.024

rs1125177	C	0.0157
rs4736088	C	0.0266
rs10097279	A	0.0214
rs79689326	A	0.0431
rs72659170	T	-0.0559
rs4379452	A	-0.023
rs72677028	T	0.0625
rs2454668	T	0.0917
rs34043638	T	-0.0452
rs117553335	C	-0.1016
rs10094838	C	-0.023
rs1470734	A	0.0136
rs2735376	C	-0.0153
rs75821343	A	-0.0378
rs28380039	A	0.0234
rs11784835	T	-0.0278
rs78724200	A	-0.0485
rs149474549	G	0.0489
rs77611747	T	0.1075
rs142070085	T	0.0593
rs71651699	C	0.0567
rs116917293	T	-0.0686
rs17611021	G	-0.1199
rs146589704	G	0.0655
rs2464418	A	0.0334
rs117107145	T	0.0839
rs11136356	G	-0.0188
rs5028021	G	0.0196
rs112272705	C	0.0466
rs55889810	A	-0.0522
rs74495475	A	-0.0581
rs7832390	A	-0.0173
rs7459571	G	-0.016
rs67225577	T	-0.0221
rs79200391	C	-0.0696
rs7814259	T	0.0137
rs74502019	A	0.035
rs73225981	T	-0.0424
rs6469039	G	0.0169
rs34281960	C	0.015
rs116846195	A	-0.0738
rs2955067	A	-0.0225
rs6995296	G	0.0224
rs147506694	A	-0.0577
rs73605763	G	-0.0284
rs16898841	C	0.0603
rs4733503	T	0.015

rs16917716	G	0.0233
rs12675863	C	0.0213
rs56248548	T	0.0162
rs2198044	A	-0.0148
rs62500184	T	-0.0598
rs6470948	T	0.0145
rs7014311	T	0.0494
rs77717981	T	-0.0331
rs79504510	T	-0.0329
rs72661806	A	0.0908
rs118124310	G	-0.0652
rs34742398	T	0.0448
rs147807047	C	-0.0837
rs12541115	A	-0.0332
rs4538906	A	-0.019
rs10875418	A	-0.0205
rs151047412	T	0.0329
rs147323889	T	0.0925
rs117118081	G	-0.0862
rs34191977	T	0.0146
rs76918909	A	-0.0402
rs76137007	G	0.0428
rs117300024	A	-0.0361
rs60324752	C	0.0196
rs1436022	G	0.0163
rs16880352	G	-0.0173
rs75877232	G	0.0686
rs149472821	G	0.1295
rs77239300	A	-0.0485
rs28828690	C	0.0631
rs141416738	G	0.0247
rs7825533	T	-0.0172
rs34608025	T	-0.0581
rs2978484	C	0.023
rs3817662	G	0.0259
rs1871217	T	0.0259
rs412932	A	-0.0183
rs16893236	C	0.0417
rs117729749	A	-0.0537
rs6980701	G	0.0175
rs80126037	T	0.0752
rs7824025	A	-0.0229
rs118142566	A	-0.0513
rs10958314	G	0.0611
rs112601576	T	-0.0184
rs112024070	A	0.0776
rs10481389	C	0.014

rs117859396	T	-0.068
rs73323018	A	-0.0261
rs138765422	G	0.0974
rs80229524	T	0.0934
rs11996104	G	0.0274
rs17786663	T	0.0617
rs143847717	A	-0.0639
rs72660616	G	0.0627
rs13265653	A	-0.0905
rs11562658	T	-0.0544
rs4114397	G	-0.0229
rs117674595	T	0.0567
rs35668547	G	0.0149
rs2466254	C	0.017
rs116934631	A	0.0944
rs117002549	C	0.0388
rs28633248	C	-0.0173
rs35349399	T	0.0865
rs35980362	A	-0.0199
rs1504769	T	-0.0348
rs62501565	A	-0.0324
rs10089434	T	0.016
rs76019286	C	-0.0518
rs11781162	G	0.0727
rs72653994	G	0.0503
rs2898249	T	-0.0159
rs7845956	A	-0.0298
rs72680342	G	0.0349
rs6470760	C	-0.0383
rs76773776	G	0.0905
rs4874120	A	-0.039
rs13253752	C	0.0422
rs6988386	C	-0.021
rs149430111	C	-0.0499
rs11780025	G	-0.0227
rs17667231	C	-0.0182
rs12115054	T	0.054
rs11787328	T	0.1126
rs1866345	G	-0.016
rs71520605	G	0.0523
rs117044667	C	0.0792
rs137982757	C	0.0558
rs7819700	G	0.0484
rs11779530	T	-0.0168
rs76911378	A	-0.0216
rs62514657	C	0.0286
rs117445843	C	-0.0676

rs34765997	G	0.0172
rs716683	C	-0.0201
rs7845582	T	0.0552
rs148079817	T	0.0844
rs10095860	C	0.0148
rs17696544	G	-0.0213
rs28359477	T	0.0346
rs2543063	T	-0.0148
rs6472158	A	-0.0218
rs60454751	A	-0.0496
rs117485224	A	0.0516
rs77808530	G	0.0328
rs17220879	C	0.0312
rs1564468	A	-0.0726
rs59230153	T	-0.0302
rs111379471	A	-0.0844
rs62511269	T	0.0384
rs72632075	G	0.0336
rs17209016	C	0.0439
rs10091285	T	0.0358
rs71516559	G	0.0349
rs11776034	G	-0.0195
rs4921582	A	-0.0427
rs6471907	A	0.019
rs72658923	T	0.0505
rs56044862	C	0.0319
rs3892719	T	0.016
rs7817525	A	0.0214
rs3935595	T	0.0169
rs12114124	T	0.021
rs3105769	T	-0.0172
rs11776015	C	0.018
rs77133047	T	-0.0551
rs1799946	T	0.0141
rs78156837	G	-0.0636
rs71529232	C	-0.0726
rs77855221	T	-0.1046
rs74380201	C	-0.0167
rs142448541	T	-0.0693
rs117430735	C	-0.0696
rs73190740	C	0.0385
rs143286324	A	0.058
rs118016860	T	-0.0846
rs76652575	T	0.0747
rs117320428	C	-0.0682
rs4736654	C	0.0141
rs76595743	T	0.0573

rs72642362	G	0.0212
rs114934516	T	0.0419
rs76423404	A	0.0788
rs13268226	A	-0.0554
rs72729540	C	-0.0284
rs72659144	C	0.0894
rs117810755	C	-0.0721
rs114860526	G	0.0331
rs13272405	A	-0.039
rs2936536	G	-0.0294
rs1841673	A	0.0151
rs74389408	T	0.0626
rs241173	A	-0.0138
rs75511256	G	-0.0468
rs72710948	G	0.0503
rs6986399	C	-0.016
rs2263518	T	-0.0424
rs541194	T	0.0153
rs117034122	G	0.0327
rs13279146	A	-0.0416
rs17645686	C	0.0267
rs10111822	G	0.0186
rs72729807	T	0.1084
rs72650332	T	-0.0656
rs13259361	A	-0.0141
rs76062278	T	0.0587
rs117291648	C	-0.0499
rs113448138	G	0.0392
rs34431723	T	-0.0156
rs73176912	A	-0.0151
rs7836467	A	-0.0883
rs73362319	C	0.0444
rs17504533	G	-0.0585
rs79942144	T	-0.0477
rs118125298	A	-0.0406
rs140396203	T	0.0424
rs56142222	A	0.0328
rs116917684	A	0.0509
rs17357147	G	-0.0468
rs16935554	A	-0.0796
rs6988176	C	0.0364
rs12216841	C	0.0835
rs117737447	T	0.0474
rs117926925	A	-0.0645
rs145151126	G	0.0341
rs77239095	G	0.0594
rs75081552	G	-0.0327

rs140848644	T	0.0957
rs149373673	G	0.0659
rs76362051	G	0.0256
rs77205133	T	-0.0915
rs112734675	T	0.1104
rs4734368	T	-0.0726
rs17737587	T	0.0134
rs12155975	T	-0.0205
rs2719217	C	0.0244
rs117973005	C	-0.0731
rs73716161	A	-0.0427
rs341696	T	0.0237
rs34979226	T	-0.0295
rs118024471	C	-0.0552
rs149552396	A	0.0671
rs73210138	T	-0.1256
rs17685720	C	0.0384
rs78821111	C	-0.0522
rs78253848	A	0.05
rs113676253	A	-0.0448
rs10110195	A	-0.0469
rs147576185	C	-0.0842
rs410487	T	-0.0245
rs6474105	A	0.0178
rs74603328	C	0.0508
rs62504670	G	-0.0435
rs6995850	A	-0.0131
rs118029457	A	0.0449
rs112242008	A	0.0282
rs7826154	G	0.0797
rs60384474	A	-0.0267
rs28709028	T	-0.0142
rs11779926	T	-0.0196
rs7814325	T	-0.057
rs6989438	A	-0.0214
rs149109695	C	0.0467
rs711033	C	0.0136
rs6998622	T	0.0315
rs13282678	G	-0.0314
rs13252196	T	0.0181
rs117195466	G	-0.0745
rs118138958	T	-0.0411
rs17335309	A	-0.0372
rs13255324	C	-0.0232
rs62525018	A	-0.0681
rs117315318	A	0.1097
rs2725093	A	0.045

rs765755	G	0.0145
rs2627374	C	-0.0158
rs4304345	C	-0.0334
rs75477531	T	0.0254
rs77405252	T	0.0277
rs35767340	A	-0.047
rs2930168	C	-0.0138
rs76268691	T	0.0753
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rs111536803	C	-0.0991
rs12545425	G	-0.09
rs10216843	G	0.0141
rs117325043	T	-0.0556
rs2705218	C	0.0235
rs77745572	G	0.0505
rs149687721	T	-0.0612
rs56372551	C	-0.0143
rs10958388	T	0.0157
rs76795084	G	-0.0918
rs78634630	C	0.0785
rs117176527	T	-0.1233
rs986046	G	-0.0208
rs117303583	T	0.0692
rs3889866	A	0.0384
rs10109856	C	0.0842
rs111808952	C	-0.0618
rs35968440	T	0.0388
rs60647117	T	-0.0183
rs117684587	G	0.0801
rs144724273	T	-0.0763
rs4841569	A	0.0164
rs77727929	C	-0.0525
rs150336632	C	0.0722
rs6996156	C	0.0137
rs71525770	G	-0.0294
rs75959612	C	-0.1068
rs724236	T	0.0302
rs28550528	G	-0.0703
rs7839342	A	0.0223
rs77278710	A	0.061
rs4738388	G	-0.0287
rs141839121	T	0.0691
rs714048	C	0.0306
rs13249991	C	0.0452
rs2256241	G	-0.014
rs17830392	G	-0.0265
rs78169289	A	0.045

rs74494241	G	-0.0813
rs7837572	T	0.0178
rs16876093	G	0.0189
rs77567891	T	0.1004
rs13281389	T	-0.0145
rs72632741	A	-0.0682
rs6578085	T	-0.0151
rs74995676	G	0.0372
rs139626679	A	-0.0831
rs73234980	C	-0.0564
rs117457159	G	-0.0541
rs117198649	T	0.0526
rs2448905	A	0.0175
rs73187231	C	-0.0563
rs716144	C	-0.0144
rs79845565	G	-0.116
rs71529275	G	0.022
rs67368954	T	0.0383
rs113001819	A	0.0568
rs10955401	C	0.0392
rs117719557	A	0.073
rs997461	G	0.0212
rs113763161	A	-0.0558
rs2252681	G	-0.015
rs117025075	G	-0.0352
rs3935019	C	-0.0134
rs2677210	C	0.0206
rs11775346	T	-0.0613
rs77413601	G	0.0332
rs117784231	G	-0.0974
rs78637393	A	-0.0499
rs888578	T	0.0209
rs2440445	C	0.0201
rs118077865	G	0.061
rs72636190	A	0.0558
rs1519080	A	-0.0182
rs58641124	T	0.043
rs74206933	C	0.0386
rs633374	C	0.0446
rs77563502	T	0.0564
rs12675673	G	0.0144
rs1461856	G	-0.0267
rs150727360	C	0.061
rs2738131	A	-0.0201
rs72639702	A	0.0225
rs118173060	A	0.0746
rs11783497	T	-0.0262

rs138433174	T	0.0538
rs116963628	G	0.07
rs112044753	A	-0.0486
rs28725480	A	-0.0195
rs4897644	A	-0.0152
rs73210879	A	0.0182
rs13281492	G	-0.0658
rs79097041	G	-0.0473
rs2256937	G	-0.0202
rs79502983	G	0.0585
rs7000610	T	0.0185
rs7817647	C	-0.0141
rs28631761	T	-0.0324
rs4732612	T	-0.0444
rs17389034	G	-0.0155
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rs72730313	T	-0.0544
rs2904665	G	-0.0182
rs13282379	G	-0.0604
rs9314309	C	-0.014
rs117318266	T	0.0803
rs35065526	A	0.0352
rs117713323	A	-0.0738
rs35562421	A	-0.0253
rs140501009	G	-0.075
rs35099047	G	0.02
rs72722200	C	0.0738
rs72731656	T	-0.0219
rs28476655	G	-0.0821
rs2046571	A	-0.0143
rs11993964	A	-0.0135
rs10107633	G	0.0144
rs4537255	A	0.0136
rs76710054	A	-0.0844
rs35897257	C	-0.0171
rs6559217	C	0.1139
rs11782797	G	0.0238
rs72681141	G	-0.0343
rs74910244	C	0.0586
rs75031738	C	0.0862
rs147771644	A	-0.1186
rs117698743	T	0.0744
rs2958326	T	0.018
rs4736745	T	0.018
rs16892789	T	-0.0212
rs12542359	C	0.053
rs62509337	A	0.0546

rs116979987	G	0.0795
rs79377088	G	-0.0492
rs13253056	G	-0.0199
rs138644535	C	0.0599
rs6990473	C	0.028
rs73535020	C	-0.0327
rs10089923	C	-0.0212
rs141507981	C	-0.0595
rs55816915	A	-0.0429
rs2163605	G	0.0158
rs11777565	A	0.0964
rs139304152	T	-0.0837
rs62512877	A	-0.0792
rs10107693	C	0.0137
rs2955888	A	0.0168
rs78805826	A	0.0633
rs17311700	C	-0.0335
rs56885010	G	0.0612
rs118051774	T	0.075
rs958637	C	-0.028
rs56031413	G	0.018
rs13268350	A	0.0259
rs117719146	A	0.0801
rs6994047	T	-0.015
rs144283699	T	-0.0492
rs6987909	T	-0.0132
rs144727225	T	-0.0747
rs117142223	G	0.0502
rs16880866	G	0.0806
rs7820230	G	0.0166
rs7845933	G	0.0133
rs72634146	C	0.0717
rs34179686	A	0.0213
rs117541841	G	0.0609
rs77865233	C	-0.1039
rs55672141	C	-0.0359
rs7837826	A	-0.0366
rs11785913	C	0.0459
rs13270270	A	-0.0848
rs78716794	C	0.0882
rs75987312	T	-0.049
rs4573255	A	-0.0218
rs6981084	C	0.021
rs118173154	A	0.0524
rs28516548	A	-0.0375
rs147524008	T	0.0748
rs80222081	T	-0.0363

rs12677493	C	0.016
rs72718446	C	-0.0278
rs779115	G	-0.0147
rs78643195	T	0.0371
rs7812900	T	-0.0154
rs138777284	T	0.0559
rs117493391	G	0.1267
rs7463817	G	0.0282
rs79920924	A	0.0454
rs6471227	G	0.013
rs7816965	T	0.0585
rs62524038	A	0.0265
rs149943882	G	0.0733
rs61234368	T	0.0846
rs7841865	C	-0.0282
rs6995409	T	-0.0312
rs2941860	C	-0.0541
rs73204960	A	0.0192
rs145733256	G	-0.0279
rs117724388	G	0.04
rs62525343	A	-0.0578
rs73211154	C	-0.0369
rs43870	C	0.0141
rs140695719	G	0.0763
rs115981840	T	0.0806
rs13271210	T	-0.074
rs10099817	C	-0.0282
rs12155964	A	0.0381
rs76072284	T	-0.0479
rs2739015	A	0.0214
rs113889867	A	-0.0266
rs11993912	T	-0.0145
rs72639656	G	0.0373
rs147790403	A	0.078
rs73229817	T	0.0392
rs117230781	T	0.0501
rs77574835	G	0.0608
rs7016944	T	0.0246
rs7462538	C	0.019
rs2253107	A	-0.0175
rs60163503	T	-0.0271
rs28718223	A	0.0174
rs117057283	T	0.0776
rs75240714	G	0.0612
rs28482351	C	-0.0669
rs62499991	A	-0.021
rs4909583	T	-0.0151

rs77143735	T	0.0401
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rs2313167	C	0.0129
rs3110615	C	0.031
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rs2112004	A	-0.0139
rs55937427	G	0.0171
rs112480982	T	0.0665
rs2979175	C	-0.023
rs9886420	T	-0.016
rs12544958	G	-0.0151
rs2448190	T	-0.0661
rs1495750	A	0.0127
rs116935359	G	-0.0799
rs2000479	A	0.0135
rs2688324	C	0.0254
rs240648	A	0.0138
rs73228672	T	0.035
rs116844340	A	-0.033
rs2554635	C	0.013
rs150977635	T	-0.0558
rs7003426	G	-0.0381
rs4922086	T	0.0141
rs62520506	A	-0.0245
rs7819618	G	-0.0156
rs113378416	T	0.0737
rs10098671	T	-0.0243
rs118094290	C	0.053
rs146474675	C	0.0885
rs147735585	A	-0.0837
rs28625531	A	-0.0671
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rs78114026	G	0.0577
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rs890211	C	0.0146
rs16879067	T	-0.0184
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rs111266975	G	-0.0171
rs12548000	C	-0.018
rs4480103	C	0.045
rs117992533	C	-0.0783
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rs73696111	G	0.035
rs849037	G	0.0154
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rs112945955	G	-0.0434
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rs4361765	G	0.023
rs77265692	G	-0.0525
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rs145749545	T	0.0639
rs7832970	T	-0.0239
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rs74939791	G	0.0432
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rs11780325	C	-0.0407
rs7823005	C	0.0146
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rs3018845	T	-0.0129
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rs10103839	G	0.0234
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rs10156376	C	0.0266
rs72687115	C	0.0707
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rs117293809	C	-0.0405
rs34872621	C	0.0187
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rs12679359	T	-0.0193
rs114974587	T	0.0408
rs35505117	C	-0.0715
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rs16901238	C	-0.0225
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rs12541254	A	-0.0136
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rs17775981	T	0.0395
rs4961333	T	0.0132
rs2588248	T	-0.0221
rs1379134	T	-0.0164
rs72657939	T	-0.0342
rs10503222	A	-0.0575
rs151026391	T	-0.0892
rs76018685	G	-0.0587
rs117085925	T	-0.0797
rs62518315	A	0.0477
rs57299725	T	-0.0318
rs13269939	G	0.0121
rs117975364	A	-0.0354
rs2959822	A	0.0575
rs147475322	A	-0.0963
rs56146368	A	0.0527
rs13269324	G	0.0152
rs78727405	T	0.0809
rs6999538	T	-0.0551
rs58327688	G	-0.094
rs13258461	A	0.0121
rs75487817	A	-0.0534
rs62484646	G	-0.0348
rs12718376	T	-0.0148
rs4284014	C	0.0129
rs117376434	A	0.0371
rs7007424	C	-0.0371
rs66645039	C	-0.0338
rs34129253	T	-0.034
rs10092643	T	-0.0673
rs146692426	A	0.0785
rs62514812	C	0.0248
rs12677808	G	-0.0141
rs2623857	A	0.0524
rs147521133	C	0.0547
rs1549849	T	0.0369
rs77936467	A	0.0613
rs7461353	C	-0.0213
rs12114940	G	-0.0132
rs12547478	A	-0.0124
rs74501251	G	0.0226
rs16904505	T	-0.0182
rs77421136	G	0.0677
rs146563732	T	0.0996
rs145287729	T	0.065
rs4266665	G	-0.0141
rs12543772	T	0.0345

rs80044967	T	0.0444
rs113934412	T	0.0787
rs78184371	C	-0.0538
rs62528346	A	-0.0304
rs1461873	C	0.0219
rs73191538	A	0.0473
rs12548837	C	0.0129
rs12550736	C	-0.0266
rs9656829	A	-0.0574
rs62512406	A	0.0503
rs77854009	T	0.0912
rs16901935	G	-0.045
rs11986061	A	-0.0593
rs79575236	C	-0.0795
rs117870951	G	0.0942
rs10109723	G	-0.0909
rs117124357	A	0.0164
rs1788160	G	-0.0201
rs68094319	T	0.0143
rs117130817	G	0.057
rs79180949	T	0.0352
rs1196092	G	0.0153
rs79192394	C	-0.087
rs116902620	C	0.0956
rs147179882	A	0.0329
rs113014099	T	0.0405
rs79014478	C	-0.0543
rs118035446	A	-0.0467
rs117720258	G	-0.0737
rs10481066	T	-0.0352
rs62522463	A	0.0864
rs73600046	G	0.0468
rs11774155	C	0.0439
rs67080356	T	-0.0227
rs10216595	T	0.0554
rs17432531	C	0.0152
rs1494272	G	0.0142
rs80336336	T	0.0385
rs7386141	A	0.0132
rs4316180	T	-0.0135
rs16909683	C	0.0481
rs11786311	G	0.0407
rs4875812	T	-0.0132
rs850428	T	0.0315
rs72684402	C	0.0894
rs6473735	G	0.0305
rs394569	G	0.0141

rs147163791	T	-0.0952
rs1433964	G	-0.0147
rs7838409	G	-0.015
rs7819565	A	0.0337
rs7341564	T	-0.0136
rs72607391	G	-0.0415
rs1877674	A	-0.0124
rs2244554	G	-0.0121
rs7009937	C	-0.0262
rs117910349	A	-0.0399
rs2977746	G	0.0134
rs111821342	A	-0.0649
rs144681951	A	-0.0402
rs925031	A	0.0292
rs12681711	G	0.0164
rs78606919	T	-0.0787
rs3779791	T	0.0146
rs56208398	A	0.016
rs7828114	G	0.0164
rs76116727	C	0.0362
rs146906582	T	0.0547
rs79805738	C	0.0446
rs72652945	T	0.0834
rs79929069	G	-0.0795
rs78732567	C	-0.0726
rs73184678	T	-0.0285
rs10095370	G	0.021
rs77992063	G	0.0633
rs1138541	T	-0.0164
rs117886972	T	-0.0553
rs116952710	T	-0.0436
rs78323951	C	-0.0517
rs71510678	T	-0.0973
rs113457062	G	-0.0967
rs61353764	C	0.0433
rs2977475	C	0.0125
rs145033642	A	-0.0729
rs77661773	A	0.0454
rs143382238	C	0.0865
rs1470777	C	0.0129
rs10505108	T	0.0339
rs6469935	G	0.0258
rs76611052	T	-0.0301
rs117267411	C	0.061
rs74567459	A	-0.0127
rs111994977	A	-0.0648
rs76720921	C	0.0794

rs7832765	A	-0.0181
rs1440260	T	0.0311
rs7816614	C	0.0136
rs7837499	A	-0.0475
rs117557730	T	0.0509
rs13261736	A	-0.0275
rs12548161	C	0.0126
rs7015054	G	0.0151
rs13252678	C	0.0883
rs2294015	C	-0.0126
rs146564241	T	0.1077
rs12546013	C	0.0396
rs117050095	G	0.0478
rs10104141	A	-0.0133
rs12680060	G	-0.0527
rs35858015	A	0.045
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rs113978450	A	0.0754
rs35941811	A	-0.0769
rs116211263	C	-0.0379
rs56025801	G	0.047
rs11779866	T	-0.0198
rs77725490	G	0.0406
rs10088068	C	-0.0123
rs17740942	A	-0.0391
rs72666794	C	0.0555
rs117400391	T	0.0502
rs1960346	T	-0.0161
rs141275317	G	0.0268
rs79783565	G	-0.0547
rs117543790	T	0.076
rs12676811	C	0.0344
rs408109	T	0.0134
rs75945891	C	-0.0909
rs1848906	C	0.0257
rs6984489	G	0.0203
rs7812771	C	-0.0157
rs12544562	G	-0.0136
rs2086587	C	-0.0124
rs75604487	T	-0.0471
rs28575014	T	-0.0803
rs1562871	C	-0.0156
rs62529820	T	-0.0539
rs111607524	G	-0.0552
rs28415290	T	-0.016
rs17474411	C	0.0227
rs79309432	G	-0.0631

rs118075062	A	-0.0769
rs13267563	C	-0.0218
rs521184	C	0.0123
rs145193492	A	-0.0434
rs139093918	G	-0.075
rs73590617	T	0.0509
rs7005164	T	-0.0195
rs12681236	A	-0.0256
rs28644470	A	-0.0669
rs10111451	C	0.0135
rs76234685	A	-0.0179
rs10283250	A	0.0196
rs147155769	C	0.0816
rs76103269	A	0.018
rs62528813	A	0.0166
rs17088785	G	0.0261
rs1567726	T	-0.0164
rs2514344	T	-0.0129
rs62518293	A	0.0525
rs67386268	G	-0.016
rs76909530	T	-0.0261
rs77754233	G	0.0551
rs72652708	T	-0.0254
rs73185737	T	0.0357
rs2112158	G	0.0622
rs7832833	G	0.0137
rs117309468	T	0.0623
rs145472404	T	0.0956
rs1552880	C	-0.0133
rs10105003	T	0.014
rs62512262	A	-0.0207
rs12678156	T	0.0157
rs111849514	C	0.0478
rs112986157	C	0.0222
rs117401161	T	-0.0501
rs4736724	A	-0.0515
rs149299346	C	-0.0774
rs58470324	A	0.0411
rs2975416	T	0.0129
rs12547932	A	0.0282
rs74967741	A	0.0435
rs149054368	A	-0.0486
rs118159865	G	-0.051
rs13277349	G	0.0179
rs2939976	A	-0.0188
rs13275000	G	-0.0136
rs10156337	C	-0.0146

rs12682385	A	-0.0232
rs74407747	G	0.079
rs10091209	G	0.013
rs77166602	A	0.0793
rs10092146	C	-0.0211
rs4549823	C	-0.0473
rs17596048	C	0.0748
rs11778558	T	0.1046
rs7833195	C	-0.0272
rs7842238	T	-0.0204
rs143078388	A	0.0693
rs10447978	T	0.05
rs9297393	G	-0.0124
rs143650828	G	0.1085
rs899420	C	-0.0188
rs35192274	C	0.0813
rs117119757	T	-0.0907
rs1504690	T	-0.014
rs79566311	G	-0.0191
rs138806707	C	-0.0614
rs7003834	T	-0.0178
rs2597332	C	-0.0168
rs150722470	T	-0.0486
rs17831704	G	0.0127
rs12164189	T	-0.0163
rs113009736	T	-0.0187
rs62493319	T	0.0221
rs76305769	A	-0.084
rs113629856	G	0.0469
rs17576868	G	0.0196
rs2133511	C	0.0144
rs13252851	T	0.017
rs146680299	T	-0.0817
rs35755105	G	-0.0682
rs7815184	C	-0.0165
rs6984309	A	0.0647
rs76271603	G	-0.0261
rs74712693	T	0.0319
rs2470724	T	-0.012
rs78007755	G	0.0518
rs62508798	G	0.015
rs16868899	A	0.031
rs75214752	T	0.0252
rs117187390	G	-0.0799
rs7822594	C	0.0135
rs13253878	T	0.0128
rs74796753	G	0.0207

rs7388125	A	0.0148
rs77809628	A	-0.0797
rs150949764	A	-0.0524
rs7003225	T	0.0572
rs148161159	T	0.072
rs79465179	G	-0.0989
rs117168874	T	-0.1015
rs3105008	T	0.0227
rs143059008	C	-0.047
rs11786114	T	-0.073
rs13271033	T	0.0191
rs78249231	A	-0.0796
rs35590111	C	0.0189
rs78098281	A	-0.0769
rs16939215	T	0.0497
rs78549998	A	-0.0833
rs11777029	T	0.0199
rs117149942	A	-0.0409
rs2589212	G	0.0153
rs3824184	A	-0.0167
rs117806237	G	-0.0477
rs72645518	G	0.0449
rs143832302	A	-0.0695
rs62497986	T	-0.0151
rs74866695	A	-0.0347
rs116934738	C	0.0739
rs78252500	A	-0.0733
rs9324566	T	-0.0129
rs3208305	T	0.0126
rs75265933	C	-0.0765
rs12540994	T	0.0266
rs76513621	C	-0.0297
rs7830333	C	0.0197
rs7812433	T	0.0128
rs62640333	C	0.0371
rs28635835	G	0.019
rs73186503	A	-0.0448
rs62528793	T	0.0255
rs1806755	A	0.0127
rs79947239	T	0.0166
rs117762924	C	0.0939
rs142349611	A	0.0861
rs1394476	G	0.0138
rs72734419	A	-0.0193
rs113260219	T	-0.078
rs118035873	A	0.0926
rs35043422	A	0.0258

rs1695724	A	0.0124
rs17349671	G	0.0424
rs1879674	C	-0.0155
rs75650914	A	-0.0538
rs28480665	A	0.0704
rs57712160	A	0.0394
rs7846282	C	-0.0185
rs117178280	G	0.0639
rs7002157	G	0.0147
rs2469409	C	0.0186
rs77210320	T	-0.0496
rs117494315	A	0.1255
rs4739250	G	0.0284
rs150348926	C	-0.075
rs893464	T	-0.014
rs148599638	G	0.06
rs112995692	A	0.0665
rs6989594	G	0.0558
rs73199727	C	0.0243
rs75994103	T	0.0203
rs10089627	A	-0.0667
rs1568605	C	0.0116
rs137962880	A	0.0662
rs7828277	A	0.0122
rs74393836	C	-0.0352
rs35858997	C	-0.0183
rs1485748	G	0.0128
rs2925455	C	0.0261
rs72645637	A	0.0436
rs62526614	G	0.0242
rs117933198	C	-0.0471
rs78516632	G	-0.0691
rs35894632	G	-0.0162
rs72694445	A	-0.0602
rs151181371	C	0.0775
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rs7001838	T	0.014
rs72669712	T	0.0648
rs6986917	G	-0.0116
rs13282755	A	0.0836
rs13249251	G	0.0398
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rs4477055	C	-0.0127
rs10958803	T	-0.0193
rs137918786	T	0.0673
rs13257467	A	0.0399
rs10503248	T	-0.0184

rs143931177	C	-0.0696
rs72651114	T	-0.0612
rs34146789	C	-0.0127
rs11782275	G	-0.014
rs1155491	G	-0.0163
rs4735906	C	0.0125
rs117423839	T	0.06
rs10956903	C	-0.0124
rs140678709	C	0.0297
rs2588186	C	0.0459
rs2457440	G	-0.0403
rs62523331	G	-0.034
rs73182832	T	0.063
rs1043221	C	-0.0176
rs73210143	A	0.0318
rs72733733	T	0.0443
rs117352317	G	-0.0599
rs56062205	A	0.0344
rs117180954	A	0.0669
rs62503203	G	-0.0353
rs2515198	T	0.0124
rs117233803	G	0.0326
rs7813874	G	-0.0208
rs6985766	A	-0.042
rs1424871	C	-0.0142
rs278579	T	-0.0332
rs55794414	A	-0.0248
rs117893164	T	0.0414
rs74725480	C	-0.0455
rs148496536	A	0.0836
rs73352335	G	-0.0227
rs117461022	A	-0.0526
rs75859361	A	-0.0594
rs474949	G	0.0125
rs7016230	G	0.014
rs11779854	C	0.0336
rs60082340	A	0.0137
rs62523289	T	-0.0457
rs72736398	G	-0.0504
rs145638327	C	0.0531
rs13275875	C	-0.0208
rs17500365	A	-0.0787
rs7822459	C	-0.031
rs2732987	G	0.0171
rs7831717	T	-0.0204
rs117310644	G	0.062
rs56099413	T	-0.0296

rs72659521	T	0.0279
rs9324552	G	-0.0147
rs117189628	G	0.0793
rs10088938	A	-0.0453
rs16907623	T	-0.0367
rs117972704	C	0.0611
rs10111520	T	-0.0391
rs141111776	A	-0.0539
rs149993972	T	-0.0396
rs1007716	G	-0.0178
rs117258537	G	-0.13
rs16883949	A	0.0651
rs6987489	A	0.0176
rs16919354	G	0.0365
rs116976449	C	-0.0713
rs4361792	T	-0.0152
rs112256050	T	-0.0197
rs28904611	G	-0.0391
rs10464825	C	0.012
rs78179244	G	0.0632
rs56304560	T	0.0237
rs117166821	T	0.0716
rs62506926	T	0.0115
rs78159665	G	-0.047
rs17272364	T	-0.0291
rs6991482	A	-0.0367
rs117716615	A	0.0761
rs75241198	A	-0.047
rs310373	T	-0.0497
rs6468439	A	0.0127
rs143281665	T	-0.0309
rs73361006	A	-0.034
rs56142513	A	0.0747
rs12155842	A	0.0138
rs147487154	T	0.0198
rs71515712	T	-0.0572
rs71532388	A	0.0177
rs62532675	G	-0.0389
rs17693567	G	-0.0126
rs1869832	C	-0.0145
rs111230358	A	0.0682
rs147211333	A	-0.0546
rs58035656	T	0.0154
rs79420734	C	0.0684
rs13266892	C	-0.0208
rs6999631	G	-0.033
rs147151989	T	-0.0613

rs78460028	T	0.044
rs6997388	C	0.0117
rs554891	C	-0.0129
rs34722066	A	0.0403
rs12716599	C	-0.014
rs13275758	A	-0.0665
rs117380898	T	0.0986
rs16908658	G	0.016
rs75354003	A	0.0465
rs117000006	A	-0.0684
rs80003019	T	0.0449
rs77994103	T	0.0528
rs72691638	C	0.0175
rs10503359	C	-0.0168
rs10086999	G	0.0116
rs2625581	G	0.0192
rs13249897	A	-0.032
rs74708957	A	-0.0345
rs6557710	C	0.0354
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rs75110172	A	0.0533
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rs6578065	T	0.021
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rs16887011	T	-0.0249
rs7014508	T	0.0226
rs79884132	T	-0.0473
rs4740035	A	-0.0115
rs142528860	C	-0.0493
rs117970705	A	0.0848
rs75149604	T	0.0347
rs72655561	T	-0.1019
rs2929290	T	-0.013
rs57353046	C	-0.0168
rs1877673	T	-0.0145
rs116840828	T	-0.0925
rs11986239	C	-0.0168
rs6997186	C	0.0113
rs2952134	G	-0.0137
rs80190649	A	0.0338
rs4421390	C	-0.0116
rs7832240	G	-0.0171
rs74954366	A	0.0505

rs34917849	C	-0.0174
rs2469650	A	0.0211
rs74989710	G	0.0414
rs2319585	T	-0.0154
rs73175353	T	0.055
rs78841150	A	0.0477
rs13274503	A	-0.0184
rs11774812	A	-0.0271
rs827541	C	-0.0119
rs76646010	A	0.0403
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rs76024238	T	0.0647
rs115807853	G	-0.0173
rs13251209	T	0.0139
rs34634717	T	0.0343
rs7813266	G	-0.0124
rs150906603	A	-0.0556
rs59425508	A	0.0221
rs11778007	C	-0.0118
rs16879552	T	-0.0398
rs12545665	T	-0.0295
rs7009274	C	0.0141
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rs62512194	G	-0.0343
rs117882446	G	-0.0798
rs4840583	T	-0.0116
rs62511715	A	-0.0241
rs12547374	T	-0.0119
rs28362495	A	-0.0673
rs4875346	A	0.0122
rs146158868	T	-0.0823
rs77225512	T	-0.0483
rs10105014	T	0.0331
rs74859760	T	0.0133
rs6992562	G	-0.0151
rs72676264	T	0.0955
rs118005113	A	0.0453
rs35966335	T	0.0498
rs75995783	A	0.0515
rs17469886	A	-0.0241
rs11776133	C	-0.0136
rs13260610	A	-0.0132
rs2929313	T	0.0146
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rs77533024	C	-0.0327

rs116971486	T	-0.0733
rs73552644	T	-0.0467
rs76839015	G	0.0479
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rs12544304	C	0.0132
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rs72661557	C	-0.0685
rs113019171	C	0.0514
rs36068051	G	0.0253
rs144077568	G	0.0592
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rs142469837	T	0.0519
rs3735885	T	0.0116
rs79810434	T	0.024
rs28382277	A	-0.1143
rs59765184	A	-0.0161
rs17700720	C	0.0313
rs72647329	A	-0.0736
rs10505619	A	0.0204
rs6601298	A	-0.0224
rs78974512	C	0.0317
rs111460988	T	0.0683
rs118038954	C	0.1119
rs6577900	C	0.0132
rs62513284	G	-0.0523
rs16926871	C	-0.0353
rs2119228	T	0.0113
rs117497267	T	0.0504
rs768162	A	-0.012
rs1561655	T	-0.0119
rs73535350	C	-0.0571
rs7828117	T	-0.0301
rs13439802	G	-0.0254
rs74747028	T	0.0305
rs118170442	T	0.0478
rs139096354	A	-0.0945
rs142430226	T	-0.0494
rs2673573	G	-0.0118
rs72639673	C	0.0236
rs2511746	T	0.0126
rs16879112	C	-0.0877
rs77424530	C	0.0405
rs12541981	G	0.0114
rs113799592	G	-0.0519
rs2027922	G	0.0165

rs72726284	C	-0.0195
rs117214456	T	0.0822
rs150578413	G	-0.0918
rs11777651	T	-0.0144
rs13248453	G	-0.0178
rs28366014	T	-0.054
rs17793991	A	0.0112
rs55820651	G	-0.0609
rs75756851	G	0.0639
rs12544552	T	0.0792
rs76241844	A	0.0384
rs13248915	T	0.0501
rs1494277	T	-0.0531
rs11985404	A	-0.023
rs73718151	A	0.0698
rs147963561	C	-0.0669
rs111886820	A	0.0586
rs10086583	C	-0.0567
rs17694701	T	0.0544
rs1601181	A	0.0111
rs12544407	T	0.0234
rs55653647	G	0.0375
rs74947437	G	-0.0532
rs150531778	A	0.1027
rs118049504	A	-0.0411
rs56256845	T	0.0366
rs6474221	G	-0.05
rs149739631	T	0.0452
rs4921580	G	-0.0176
rs4636214	C	0.0513
rs2725708	T	-0.0124
rs117523948	C	0.0321
rs76405190	A	0.0681
rs138246583	C	0.0621
rs10093894	C	-0.0825
rs147140939	C	-0.0511
rs74640035	A	-0.0229
rs13272331	T	-0.016
rs117036792	A	-0.0917
rs79768863	G	0.0292
rs7010549	G	0.0111
rs146949353	A	0.05
rs7829031	G	0.0208
rs150827586	T	-0.0605
rs4738327	T	0.0117
rs282845	G	0.0143
rs140327829	G	-0.0653

rs77601701	A	-0.0623
rs821106	G	0.0197
rs78994646	C	0.0592
rs13254339	C	-0.0165
rs62524298	T	0.0283
rs117830957	C	0.084
rs140987203	T	0.0474
rs62496760	C	-0.016
rs4737740	G	-0.0155
rs117099605	T	-0.0507
rs2683302	C	0.0131
rs112365698	A	0.0579
rs76622630	T	-0.0489
rs2594955	T	-0.0173
rs117647640	T	-0.0587
rs77492379	C	-0.0372
rs147917745	A	0.0534
rs141588966	A	-0.1004
rs138386613	T	0.0489
rs116873248	T	-0.0283
rs55843549	T	-0.0124
rs12546590	A	-0.0187
rs145793937	C	0.0446
rs11996659	T	0.0183
rs35288043	G	0.0117
rs55947035	G	0.0505
rs117881349	T	0.0948
rs75159836	G	0.0169
rs17343819	C	-0.0161
rs77504964	C	0.0444
rs285870	G	0.0134
rs3885006	T	0.0521
rs13267028	C	-0.0265
rs72652530	C	-0.0561
rs55949731	A	-0.0217
rs79871976	T	-0.0685
rs111626678	T	-0.1181
rs112597107	C	-0.0194
rs72679098	G	0.0417
rs117674929	G	0.0617
rs144508563	C	-0.0318
rs16932710	G	0.0154
rs11774454	T	-0.0658
rs2956746	A	0.0218
rs28821172	T	-0.04
rs56268917	T	0.0307
rs59452910	G	-0.0149

rs3020254	C	0.0175
rs149826021	T	-0.0843
rs11994157	T	0.0304
rs62520221	C	0.0563
rs2911685	C	0.0152
rs9314316	T	0.0114
rs115378230	A	-0.0493
rs144081709	T	0.0832
rs17330971	A	-0.0317
rs7461129	T	0.0122
rs7008475	C	-0.0194
rs17725200	A	-0.0311
rs118175280	G	-0.0612
rs10107582	G	-0.0119
rs117116698	A	0.048
rs74364133	C	0.0638
rs144918780	A	-0.0295
rs72684225	C	-0.0425
rs6998052	G	-0.0172
rs1371867	C	0.011
rs901173	G	-0.012
rs34128301	T	-0.0123
rs72673285	G	0.0364
rs76344651	A	0.0352
rs4841075	C	0.0113
rs138676644	G	0.0701
rs2719366	T	-0.0115
rs140488652	A	0.0225
rs67517943	C	0.0137
rs2115811	A	-0.0121
rs117967230	A	0.0603
rs79970083	G	-0.0259
rs141786312	C	0.0747
rs141975339	G	0.095
rs77507520	G	-0.0317
rs341683	A	0.0672
rs116980440	G	-0.0735
rs78655362	G	0.0488
rs12545068	A	-0.0476
rs75427654	C	-0.0366
rs2188023	C	0.013
rs13263404	A	-0.0179
rs6991165	A	0.0142
rs7830748	G	0.0477
rs4876122	T	0.0161
rs4598268	T	0.0399
rs118048588	A	-0.0685

rs2410530	A	0.02
rs61729094	T	-0.0537
rs196818	A	0.0423
rs2045028	G	0.0118
rs36054848	A	0.0414
rs3015656	C	0.0294
rs80241203	C	-0.0419
rs146481403	A	0.039
rs117084385	C	-0.0314
rs10103695	T	-0.0134
rs715388	G	0.012
rs113373088	A	0.0787
rs73264745	T	-0.0456
rs13258376	A	0.0465
rs13257905	T	-0.0118
rs2953870	T	0.0158
rs79103394	A	-0.0437
rs28676526	A	-0.0387
rs58480455	T	0.0726
rs10093869	A	-0.0122
rs112018467	T	0.065
rs74544831	G	0.0418
rs17430434	T	0.0601
rs77197880	G	0.0823
rs13277382	T	0.0147
rs17356096	T	-0.0136
rs117710059	A	-0.0441
rs7815110	A	-0.0158
rs74948866	T	-0.0418
rs7815647	C	-0.0144
rs17122808	G	0.0547
rs76580505	A	-0.0857
rs62514029	T	-0.0301
rs11785872	A	-0.0114
rs72631038	A	0.0299
rs930605	A	-0.0788
rs13263468	T	0.0333
rs7820007	T	-0.0128
rs10085997	C	-0.0746
rs59992198	A	-0.0341
rs144287282	C	-0.0522
rs10957166	C	0.0242
rs78112339	T	-0.025
rs5023278	T	0.0141
rs79816894	T	0.0167
rs140419138	A	0.0547
rs62516788	C	-0.0383

rs56172111	C	-0.0419
rs118148593	G	-0.0328
rs116999957	A	0.0416
rs115870340	G	0.0302
rs61239988	T	-0.0234
rs77026005	G	-0.0702
rs2617069	T	-0.0146
rs112360090	C	0.0304
rs112195695	G	0.0613
rs59338304	A	-0.0149
rs7829915	A	-0.014
rs79802971	T	0.038
rs75948342	T	0.0451
rs666099	C	0.0118
rs72664652	A	0.0252
rs79125998	T	0.0608
rs72714537	C	-0.0243
rs13270585	G	-0.0381
rs11784915	A	0.0221
rs57638952	G	0.0116
rs2135538	C	-0.012
rs77878271	G	-0.058
rs56145568	T	-0.0177
rs7012503	T	0.039
rs6472122	A	-0.0284
rs62529437	G	0.0163
rs56287456	A	-0.0123
rs13271506	A	0.0286
rs113000379	T	0.0557
rs78947023	G	-0.0169
rs138343131	A	0.0589
rs145594369	T	0.0806
rs117402789	C	-0.02
rs142240761	A	-0.0377
rs1121425	G	0.0277
rs2059582	T	0.0139
rs79861714	G	0.0379
rs112874447	T	0.0121
rs79482053	T	0.0816
rs34918176	T	0.0149
rs28715878	G	-0.0398
rs881367	C	0.034
rs4409393	A	0.0129
rs116898781	A	-0.0499
rs150517910	T	-0.0439
rs36183928	T	0.014
rs1015283	G	-0.0146

rs78029245	A	0.0354
rs2271530	T	0.0698
rs113030861	C	0.0714
rs113493019	A	-0.0316
rs1564480	A	-0.011
rs12548288	T	0.0124
rs28371930	G	0.016
rs17125353	G	0.0227
rs11775247	T	-0.0204
rs148064442	T	-0.071
rs62499264	G	0.0148
rs13258023	T	-0.0224
rs17746360	G	0.0236
rs6988714	G	0.0257
rs1478272	G	-0.0176
rs118128948	T	-0.104
rs117618461	T	-0.0478
rs112013054	G	0.0634
rs746920	A	0.0641
rs75790330	C	0.045
rs13264361	G	-0.0207
rs79177469	A	-0.0683
rs62488400	A	-0.0382
rs34048256	A	0.0208
rs12545366	G	-0.0368
rs77477207	A	0.0396
rs75380529	G	0.0345
rs113707131	C	-0.0421
rs72657075	A	0.0226
rs78586664	G	0.043
rs118050253	A	-0.0384
rs75993778	A	-0.0277
rs16901983	T	0.0523
rs141840098	G	0.0218
rs117188043	C	-0.043
rs72651376	A	0.037
rs78214075	A	-0.0222
rs140894510	A	-0.0845
rs79815916	A	-0.0337
rs9987264	T	0.0146
rs76661018	T	0.02
rs403351	A	-0.0272
rs3934874	A	-0.016
rs11167097	A	-0.0111
rs75973699	A	-0.0329
rs9298052	A	0.0322
rs117715021	T	-0.0733

rs147848897	G	0.0462
rs4568580	C	-0.0206
rs1010202	A	0.018
rs17602876	A	0.0218
rs17643058	C	-0.0263
rs80319208	C	0.0367
rs142011628	G	0.0426
rs7841732	T	-0.0132
rs61083392	T	0.0275
rs10088594	A	-0.074
rs3935989	C	0.0113
rs13274854	G	0.0261
rs150802628	A	-0.0559
rs72685147	T	0.0294
rs72609908	T	-0.0657
rs62521037	A	0.0314
rs11997043	A	0.0137
rs118130355	A	0.0649
rs141152263	T	0.0378
rs2554566	C	-0.0107
rs2638661	A	0.0149
rs2242344	T	-0.0158
rs2285286	C	0.0248
rs115458306	A	-0.0901
rs151191566	A	-0.0539
rs62528127	T	-0.038
rs7009797	A	-0.0122
rs139752805	A	-0.0426
rs62507090	C	0.0503
rs2575738	A	0.0117
rs117641534	A	0.0527
rs79962576	A	-0.0363
rs62494394	G	0.0189
rs117925305	T	0.0288
rs62531100	C	-0.0614
rs144575914	C	-0.0836
rs62508132	T	0.0218
rs143263305	C	-0.0589
rs137968103	T	-0.0775
rs118115798	T	0.0684
rs76603222	C	0.0743
rs62528258	T	-0.0207
rs7826548	T	-0.0118
rs13263396	C	0.0296
rs381800	G	0.0147
rs1600646	G	-0.0114
rs62499832	C	0.0699

rs72719440	T	0.0351
rs138265365	T	-0.0439
rs7461281	T	0.0374
rs11781201	A	0.0265
rs7007130	C	0.0126
rs17066722	C	0.0207
rs75229425	A	0.0359
rs13254113	G	0.0208
rs117756383	A	0.0317
rs117381802	G	0.053
rs72666182	T	0.0827
rs146774331	T	-0.0863
rs142585239	A	-0.0658
rs12548270	G	-0.0168
rs76591612	C	0.0475
rs142965321	T	0.0604
rs10106375	A	0.0297
rs7839597	C	0.0126
rs6995913	C	0.0122
rs145794524	T	0.0777
rs116856919	T	-0.0858
rs112320074	C	0.0294
rs149050181	T	-0.0608
rs116918991	A	-0.0537
rs4733947	G	0.0111
rs1545087	A	-0.0149
rs75948942	T	-0.0306
rs17738231	C	0.015
rs76357261	G	-0.0152
rs57137307	T	0.0338
rs13439370	G	0.0155
rs77006412	T	-0.0352
rs34536038	G	0.0138
rs10503183	C	-0.0191
rs113817531	C	-0.0172
rs13257391	A	0.0229
rs10090848	T	0.0158
rs116842039	A	0.1023
rs724029	G	-0.02
rs2665636	T	-0.0182
rs117236381	G	0.0648
rs11779891	T	0.0157
rs117364076	G	0.0827
rs79242484	T	0.0287
rs10503218	C	0.0313
rs28579545	T	-0.0191
rs4385492	C	0.0122

rs138709942	G	0.0831
rs10105441	G	0.0301
rs76718809	T	0.0354
rs60667200	T	-0.0187
rs4736746	C	0.011
rs2917552	A	-0.0135
rs3866487	T	-0.0201
rs3019089	G	-0.011
rs73216709	G	-0.0169
rs117886456	C	0.0653
rs116899081	G	-0.0643
rs283734	G	-0.0249
rs117661117	T	0.053
rs62522234	T	0.0631
rs17063397	T	-0.0171
rs7386380	G	-0.0133
rs56198596	C	-0.0146
rs73662804	G	0.0214
rs7839318	G	-0.0489
rs139315137	C	0.0814
rs117731900	A	-0.0613
rs76902606	T	-0.0264
rs75295729	C	-0.0632
rs13278038	G	-0.0207
rs4739080	A	-0.011
rs11987577	T	0.0157
rs74632959	A	-0.0746
rs113329286	C	0.0373
rs77756209	G	0.0354
rs7815606	G	0.017
rs147347657	A	0.0224
rs59995847	C	-0.0153
rs78640413	A	0.0325
rs56157545	G	-0.0136
rs2454039	T	0.0179
rs76827728	T	-0.0405
rs140527035	T	0.0563
rs17259760	C	0.0155
rs71515102	G	0.0453
rs10105285	C	-0.011
rs111935171	G	-0.0819
rs689266	T	0.072
rs11185676	A	0.0789
rs6475528	T	0.0691
rs10972598	T	0.0698
rs10991386	G	0.0731
rs73522232	C	0.2458

rs3814551	C	0.1454
rs148101951	G	-0.2052
rs62555959	A	0.0627
rs943424	T	0.0745
rs12002176	A	-0.0731
rs887656	T	0.088
rs11139090	A	0.1956
rs10491770	G	0.1061
rs79762261	T	0.1877
rs7039875	T	-0.0643
rs1323342	T	0.07
rs78893982	G	0.1749
rs975411	T	0.1368
rs148978555	A	0.197
rs9298861	G	-0.0961
rs4977691	G	0.0993
rs10967772	T	0.0638
rs62572586	T	-0.0762
rs1409955	C	0.0658
rs116846127	C	0.3184
rs998990	A	0.0956
rs76333370	C	-0.137
rs117508250	C	-0.1628
rs147549273	G	0.1628
rs882130	C	0.0638
rs62552179	T	0.1604
rs17542250	T	-0.3594
rs77324810	G	0.3075
rs17082562	A	0.2066
rs10965163	T	0.1058
rs10817615	A	-0.0621
rs62555918	C	0.1083
rs75315373	T	-0.1641
rs12551377	C	0.0637
rs13291127	C	0.081
rs7869001	T	0.1192
rs72748423	G	0.1228
rs2378736	G	0.2829
rs10964136	T	0.2222
rs138487996	A	0.1106
rs12375886	T	-0.0727
rs79702197	G	0.1164
rs139047667	T	-0.232
rs12380408	C	0.0725
rs13297364	G	0.0612
rs17061584	G	-0.0675
rs880014	C	-0.0538

rs16920612	A	0.0745
rs2417652	G	-0.0797
rs591486	G	-0.0539
rs10972693	T	0.2509
rs111621104	G	0.2006
rs7033834	C	0.1055
rs62567184	C	-0.3238
rs61681571	A	0.0678
rs62569668	T	-0.1617
rs10991692	C	-0.1859
rs6476804	G	0.0517
rs77530064	A	-0.2601
rs10812555	A	-0.0572
rs113554480	T	-0.2894
rs72706796	T	-0.1277
rs7040842	C	-0.0592
rs10987158	C	-0.0732
rs76937843	G	-0.2394
rs75556592	T	-0.3087
rs10821507	T	-0.0622
rs79332955	G	0.2791
rs10746588	G	-0.0544
rs10816093	G	-0.0596
rs117499257	A	0.0974
rs10115062	C	0.0504
rs7872171	G	0.3027
rs589459	C	0.0515
rs10975966	T	0.2815
rs12339683	T	0.0545
rs10821026	A	-0.1737
rs146791383	T	-0.2172
rs142074874	A	0.1534
rs13295180	G	0.4764
rs76576991	A	-0.1761
rs72700492	G	-0.2197
rs73653246	A	-0.123
rs62565051	T	-0.1731
rs7870921	C	-0.0688
rs79161723	A	-0.0937
rs12684606	G	-0.0512
rs113565745	T	0.087
rs1332083	C	0.1031
rs4246868	C	-0.0517
rs28808010	C	0.1593
rs7030443	G	0.0742
rs1889247	C	-0.0813
rs2405373	A	0.0703

rs76235825	G	0.1769
rs117121425	A	0.1412
rs62570299	G	-0.1671
rs11143005	T	0.0659
rs10961512	T	0.0549
rs2225540	A	-0.0548
rs62584843	C	-0.1882
rs406273	T	-0.0522
rs1360555	T	-0.0757
rs75094196	C	0.2099
rs76685628	C	-0.1502
rs116972571	T	0.2107
rs35522861	A	0.1971
rs13295599	A	0.0991
rs11265930	C	-0.0729
rs10963821	T	-0.0518
rs118069744	A	-0.2871
rs7862075	C	-0.054
rs1094328	T	0.0935
rs17251166	C	-0.0544
rs144062917	G	-0.205
rs117813170	G	0.1621
rs10992978	G	0.049
rs12551942	G	-0.1374
rs4538962	T	-0.1593
rs11144706	T	-0.0928
rs117425163	A	0.1832
rs3002339	G	-0.0542
rs112191751	C	0.2794
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rs13292052	A	-0.2388
rs117266598	T	0.1746
rs60125430	T	0.1062
rs34334119	T	0.2032
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rs10869681	T	-0.0765
rs7027702	T	0.1647
rs7035478	A	-0.0563
rs55719775	A	0.0867
rs17341942	T	0.0583
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rs2382712	A	0.0519
rs118056706	A	-0.2145
rs505698	T	-0.065

rs10818074	T	0.0874
rs4979530	T	0.1278
rs72707092	A	-0.1795
rs10759995	A	0.0487
rs77042776	C	0.1935
rs10966580	C	-0.0636
rs80329300	G	-0.2725
rs142093543	T	0.2071
rs6559320	C	0.0521
rs72703461	G	0.1162
rs2792222	A	0.0812
rs116919711	T	0.1654
rs4742223	T	0.0531
rs529692	T	0.0575
rs61447981	C	-0.1224
rs10760445	C	0.0542
rs10867697	A	0.2862
rs10756796	A	0.0481
rs11144503	G	0.0532
rs56916472	A	0.1417
rs113781688	T	-0.1708
rs11791850	G	0.054
rs56334115	T	0.1654
rs7846888	C	-0.0503
rs2188076	G	0.0549
rs7041169	T	0.0508
rs7026296	G	-0.0836
rs7869045	A	0.102
rs10964158	T	-0.0607
rs10964280	G	0.1363
rs141264611	A	-0.2293
rs117641433	A	0.1892
rs10815900	T	-0.0718
rs72621419	C	0.1431
rs5320	A	0.1052
rs10975664	G	0.1802
rs112559397	G	0.2457
rs77932211	G	-0.1792
rs7020640	T	0.0668
rs12156640	A	-0.0822
rs1407920	C	-0.054
rs10979884	T	-0.054
rs10511761	T	-0.049
rs4997084	G	-0.1755
rs4740322	C	0.2106
rs10987278	T	-0.0525
rs1029046	T	-0.0755

rs148026658	T	0.3464
rs10757083	C	-0.0612
rs1630945	T	-0.0511
rs10814744	A	0.052
rs72700770	A	-0.1273
rs10979611	C	0.1347
rs12237836	G	-0.0623
rs148425940	G	-0.2416
rs4078501	C	0.0681
rs869626	A	-0.1119
rs77809181	G	0.1199
rs11185669	A	0.0525
rs9987900	C	-0.0467
rs12335500	G	0.158
rs16931163	T	0.2292
rs1571485	C	-0.0916
rs7039698	T	-0.074
rs11790381	G	0.278
rs146423947	A	0.2848
rs10739144	A	-0.0588
rs2382372	A	-0.0783
rs10972874	G	-0.0498
rs2768281	A	0.2592
rs6475432	T	-0.0613
rs10758374	T	0.0574
rs111721525	G	0.2321
rs12343298	C	0.0778
rs75135534	A	0.1678
rs7875266	G	0.0999
rs666478	C	-0.0482
rs7045961	G	0.0677
rs16906722	T	0.085
rs7854618	C	-0.0786
rs975696	T	-0.1167
rs1442512	C	0.1273
rs75127805	G	0.3355
rs74476354	T	0.3204
rs7048837	C	0.0909
rs12378542	T	-0.0944
rs72760773	A	-0.0966
rs139778573	T	-0.3323
rs142942636	C	0.3258
rs4745463	T	-0.059
rs7036628	G	-0.2215
rs142893997	G	0.0875
rs12346988	C	-0.075
rs4526420	T	0.0459

rs10858123	A	-0.087
rs7032548	C	0.0492
rs1759617	A	0.0774
rs7022738	A	-0.2049
rs10974408	G	0.0788
rs10755996	T	-0.047
rs7850235	T	-0.1283
rs79723139	G	0.1798
rs10759252	C	0.0458
rs2578283	A	0.0499
rs33945538	T	-0.1371
rs11103770	C	-0.1341
rs11142924	T	0.0945
rs10115623	G	0.1633
rs10113929	G	-0.2053
rs66825775	A	-0.0645
rs519067	T	0.0494
rs56329463	C	-0.1195
rs1999472	A	-0.0451
rs68077160	T	0.1572
rs7857133	A	-0.0477
rs71509778	C	0.1646
rs12004623	C	-0.0461
rs12348644	T	0.1606
rs968477	A	-0.0521
rs12551189	T	0.1637
rs74758909	G	0.2431
rs1051863	G	-0.0771
rs660148	A	0.0497
rs2118167	C	0.0462
rs2094394	G	0.0446
rs78656278	A	-0.1994
rs75372853	C	0.1058
rs57361784	A	0.1196
rs7030465	T	-0.0978
rs117189578	T	0.2006
rs7023003	G	-0.0572
rs116987857	A	0.3219
rs10960500	G	-0.0816
rs10124379	T	0.0457
rs112356767	T	0.1076
rs66837256	G	-0.077
rs583973	A	-0.0454
rs13286950	G	0.0677
rs7855643	T	0.0696
rs4628337	A	0.0555
rs78320241	G	0.2471

rs6475067	T	0.0487
rs117885001	T	-0.2722
rs487752	A	-0.0518
rs73484595	C	0.0666
rs7865004	A	-0.0597
rs112755903	T	0.2923
rs2254708	C	0.0595
rs679779	T	-0.0611
rs11140090	T	0.049
rs2890842	G	-0.0448
rs2183686	G	-0.0454
rs116947080	A	0.2006
rs2769064	T	0.0456
rs10819772	G	0.0647
rs9409574	C	0.0476
rs4424343	A	-0.0594
rs11141291	A	0.049
rs75510317	G	0.1772
rs62526377	T	0.2805
rs148601744	G	0.303
rs12376600	G	-0.1178
rs7853599	G	-0.0577
rs3005716	C	-0.0454
rs143738065	C	-0.315
rs4740766	G	-0.0445
rs150165536	A	0.211
rs79706990	C	0.2533
rs7863506	G	0.0468
rs2798024	C	0.2548
rs56112398	A	0.3155
rs117847368	C	0.2031
rs147136701	A	-0.4386
rs117985421	C	-0.2517
rs10780594	C	-0.0499
rs2078291	G	0.0461
rs4242650	C	0.0773
rs10816685	C	-0.0435
rs117947442	A	-0.2019
rs10970862	T	0.0961
rs72691110	C	0.1486
rs62574343	A	0.0928
rs1582620	C	0.0698
rs7041450	G	-0.0738
rs117691370	G	-0.2626
rs117966406	T	0.3064
rs59284186	T	0.1597
rs7869386	A	-0.1272

rs11140152	T	-0.0479
rs67224495	G	0.129
rs569558	T	0.0583
rs2067736	C	-0.0567
rs10122747	G	0.1327
rs321738	A	-0.0559
rs7864710	A	0.1363
rs10733205	T	-0.0854
rs149598679	C	-0.2202
rs7862414	A	0.0713
rs2378363	G	-0.0473
rs969544	A	0.048
rs11793040	G	-0.045
rs75751937	T	0.2721
rs883402	G	0.0655
rs1333039	G	-0.0444
rs56795713	C	-0.1308
rs646418	A	0.0494
rs10970060	C	-0.1875
rs748751	G	-0.0555
rs3750325	T	0.1163
rs118156642	T	-0.1581
rs405328	C	-0.072
rs76473683	T	-0.2367
rs10761131	G	0.1225
rs149981113	G	0.2709
rs118138024	G	0.2624
rs78214843	T	0.2001
rs62534031	G	0.1391
rs1047868	T	-0.0519
rs547009	T	0.0459
rs7849972	C	-0.0479
rs12336517	C	-0.1505
rs17180962	T	-0.2046
rs10512398	C	0.0782
rs4837961	G	0.0721
rs1648935	G	0.0445
rs73512262	T	0.2004
rs10491834	T	0.2662
rs4977583	C	-0.0612
rs10977014	C	0.059
rs1354458	A	0.0505
rs2900286	C	-0.0469
rs2768658	T	0.0469
rs75428492	T	0.2531
rs10960408	A	-0.046
rs13297831	G	-0.0445

rs883443	C	0.1245
rs72701980	T	-0.1427
rs79257812	T	0.2653
rs1926771	T	-0.0447
rs4977728	T	-0.0631
rs12685826	A	-0.052
rs12376543	T	0.0597
rs147226013	A	0.2964
rs2991205	T	-0.0664
rs2375256	A	-0.0424
rs10817816	T	-0.0532
rs72712882	A	0.0825
rs1544065	G	-0.0645
rs62577093	C	-0.2814
rs12555610	A	0.08
rs1112694	C	0.1382
rs62559859	C	0.1604
rs35610872	G	0.0451
rs10809799	C	-0.0697
rs28546438	T	0.0492
rs2148600	C	-0.0492
rs2813939	G	-0.0485
rs149232787	G	0.1128
rs4877778	A	-0.0477
rs62570363	A	0.2057
rs75291942	A	-0.1991
rs117934575	T	0.1776
rs74775082	A	0.235
rs12684396	T	0.2832
rs71508548	G	0.2349
rs10964145	C	-0.2306
rs143817396	T	-0.1887
rs10869633	G	0.0497
rs10818288	G	0.0431
rs33967773	T	-0.0446
rs1547209	T	-0.0525
rs73520181	G	0.0879
rs117388281	T	-0.2588
rs143702057	T	0.2198
rs12553066	C	0.0487
rs57479634	G	0.0832
rs111543864	T	0.0784
rs148123055	G	0.2269
rs1341082	C	-0.0696
rs10217194	T	-0.043
rs79714005	G	0.3394
rs4744765	T	0.0594

rs118180674	T	0.2097
rs2905094	T	-0.0487
rs2150089	A	0.0801
rs10974874	A	-0.0576
rs750186	A	0.1459
rs10812838	A	0.0454
rs118044987	A	0.2886
rs7862591	T	0.2678
rs10975660	T	0.0943
rs61145567	T	0.0869
rs113495566	T	0.22
rs2378755	T	0.0881
rs73394021	C	-0.1077
rs77734730	A	-0.3797
rs62578880	T	-0.0477
rs12552738	A	0.0542
rs913258	C	-0.0908
rs16931103	C	-0.1133
rs111355850	A	-0.1202
rs146104933	A	0.2161
rs1407837	G	0.0441
rs273461	T	-0.0963
rs2114521	A	0.0742
rs609691	A	-0.0428
rs111766431	A	-0.1512
rs55799926	A	-0.1557
rs112370969	A	0.353
rs11552451	C	0.0788
rs10989176	C	-0.1115
rs148259476	T	0.2168
rs576026	A	0.041
rs67071328	T	-0.0627
rs10123003	T	0.0671
rs12553749	A	0.2984
rs9644983	A	0.0572
rs4742997	T	-0.0467
rs117557066	T	0.2624
rs2230122	A	0.0796
rs10985169	T	0.1877
rs11506981	G	0.0614
rs138898773	A	0.0801
rs2451952	C	-0.1677
rs4962160	A	-0.1103
rs112522857	T	-0.1649
rs7044202	G	0.1128
rs80245189	C	0.296
rs10868320	T	-0.0567

rs117232661	A	0.1678
rs1572104	G	-0.041
rs74549277	A	0.1668
rs7858544	T	0.0537
rs78144872	C	0.1324
rs12004886	A	0.0852
rs12352194	G	0.049
rs7864347	G	-0.0625
rs10760755	T	0.0419
rs56052111	G	0.166
rs117209153	C	-0.1362
rs2027171	T	0.0429
rs17440439	T	-0.0738
rs62578603	T	0.1701
rs78283772	G	-0.0672
rs71503583	G	-0.1855
rs117443934	A	0.1859
rs572491	T	-0.0442
rs10962953	G	0.0681
rs979814	G	0.0586
rs75241533	G	0.2412
rs35838497	A	0.0591
rs17292757	T	-0.0831
rs526139	G	0.0411
rs35165483	C	0.0578
rs116906369	C	0.2308
rs2281784	C	-0.1905
rs10869736	C	-0.0455
rs1330147	T	-0.0635
rs10985914	G	-0.0954
rs7026372	C	0.0599
rs79418597	A	0.2812
rs1572903	A	-0.0529
rs12238386	T	-0.0539
rs977607	T	0.055
rs10813118	C	0.0618
rs118181102	C	0.2511
rs920901	G	0.0425
rs17806439	G	-0.0863
rs12235976	G	0.2772
rs117794264	T	0.1706
rs10118580	G	0.0573
rs1173032	A	0.0419
rs1029035	G	0.0413
rs2485155	G	0.0427
rs10979980	G	0.09
rs2068955	A	-0.0398

rs35995240	T	0.2054
rs147857814	A	-0.1351
rs7855078	A	-0.0429
rs10156591	C	0.0437
rs7866547	G	-0.0731
rs572195	C	0.157
rs7846974	C	0.0457
rs291761	A	0.237
rs62576356	C	0.0765
rs62568151	G	-0.0594
rs7866215	A	-0.0603
rs10812219	A	-0.0505
rs10963243	G	0.0802
rs4743827	T	0.041
rs599688	T	0.0554
rs10975892	C	-0.1471
rs117718482	T	0.1751
rs11144746	T	0.1105
rs11145492	T	-0.0764
rs13290207	T	-0.0665
rs3003573	G	-0.0478
rs73391358	C	0.1238
rs11791210	G	0.092
rs17286782	A	-0.1671
rs7043378	A	-0.04
rs139144611	A	0.169
rs28582525	C	0.1617
rs10981340	G	-0.0431
rs80331497	G	0.1829
rs77645975	C	-0.0988
rs80311746	T	0.2369
rs10867949	A	0.0468
rs1281813	C	0.0506
rs13300660	A	-0.0528
rs2987392	C	0.0785
rs78075956	C	-0.0682
rs7048007	G	-0.0565
rs150872239	A	-0.1998
rs7872181	G	0.042
rs1530474	T	-0.0426
rs10811582	G	-0.0418
rs7047365	C	-0.0401
rs117936468	T	0.2545
rs1331624	A	-0.044
rs13467	G	-0.1204
rs58312059	C	0.167
rs10118587	C	0.1055

rs4742430	A	-0.057
rs117309685	A	-0.125
rs944641	C	0.0458
rs111646033	G	-0.1998
rs10973751	C	0.2095
rs34000822	T	0.0416
rs4837492	C	-0.0421
rs150704618	C	-0.2816
rs139818891	T	-0.1901
rs117129207	G	0.2183
rs76373463	A	-0.2042
rs72744191	A	0.1188
rs3211703	C	0.0566
rs1888288	C	-0.0425
rs146942615	C	0.164
rs113382336	C	0.1475
rs2986254	G	0.0422
rs7044325	C	-0.0429
rs10992007	A	0.1586
rs35237880	C	0.1495
rs944516	A	0.0583
rs16930650	C	-0.1559
rs72704243	C	-0.1597
rs73416629	G	0.171
rs7871922	G	-0.0532
rs12686417	G	-0.0514
rs112080913	C	0.131
rs13298211	T	-0.0868
rs9409099	A	0.0994
rs143985521	A	0.1702
rs78966040	T	-0.0716
rs815853	G	0.0498
rs117537401	A	0.3049
rs10974327	G	-0.0445
rs12685916	A	0.1658
rs72758736	C	-0.0672
rs72705693	T	0.2948
rs10973039	A	0.0939
rs112479968	T	-0.1959
rs116958493	G	-0.1509
rs28718362	T	0.0559
rs117052268	T	-0.1692
rs12238074	C	0.0644
rs137893447	A	-0.1351
rs6474776	T	0.0967
rs12350191	T	0.1892
rs149891738	T	-0.1539

rs7039011	G	-0.0456
rs2274607	A	0.0606
rs690164	T	-0.0512
rs143072587	A	-0.1841
rs45450091	A	0.2569
rs2636881	G	-0.0461
rs11103293	A	-0.0592
rs2149876	G	0.0432
rs117221769	G	0.2585
rs72707936	C	0.0854
rs73662553	T	0.1479
rs41274362	A	-0.3429
rs71497661	T	-0.0669
rs7032944	A	-0.0858
rs111756257	A	0.2073
rs17056676	C	-0.0895
rs7858605	C	0.0415
rs11143514	A	0.0721
rs28731032	T	-0.047
rs4631582	A	-0.1028
rs7047731	A	0.0669
rs4917341	C	-0.0419
rs111862803	G	-0.1133
rs147956168	T	-0.2891
rs13297074	A	-0.056
rs9644870	G	-0.0829
rs1414063	T	-0.0471
rs17720310	G	0.0612
rs78932424	T	0.3152
rs147788634	T	0.3739
rs990000	C	0.051
rs148399373	T	0.1759
rs117045012	A	0.1481
rs1755624	T	-0.0513
rs113101231	A	-0.2354
rs10119966	T	0.0468
rs72731495	T	-0.3366
rs75213728	C	0.1587
rs12352496	G	0.0613
rs10738997	C	0.055
rs1758695	G	-0.0447
rs113483724	T	0.2912
rs9802466	G	0.0517
rs10973426	T	-0.0645
rs146863729	T	0.1559
rs149597588	C	-0.212
rs475775	A	0.0882

rs113591992	G	0.2348
rs80088989	C	-0.1324
rs62581467	G	0.1682
rs6475848	G	-0.0484
rs10820839	A	0.0971
rs4149283	T	-0.1057
rs7028995	T	0.053
rs145222661	T	-0.1034
rs11142081	G	0.0688
rs74458591	A	0.1539
rs12346901	G	0.1128
rs35579338	G	0.0726
rs2381675	G	0.0603
rs1566447	T	0.0447
rs12376386	A	0.0482
rs872253	A	0.0703
rs11144239	T	-0.0989
rs150649707	T	-0.2188
rs11144513	T	0.0873
rs11790516	G	0.0478
rs403114	G	0.039
rs111501215	A	0.1662
rs7856096	G	0.1623
rs10972013	T	-0.0419
rs114648049	T	0.1345
rs117481546	C	0.1958
rs62572334	G	-0.1207
rs117327212	C	0.2252
rs7465866	G	0.0485
rs1412341	T	-0.057
rs117082960	T	0.1522
rs7847387	A	0.0682
rs7022716	G	-0.119
rs11141381	A	0.0406
rs13302073	A	0.2139
rs1220667	A	-0.0414
rs78056563	G	0.1704
rs62581070	T	0.1055
rs55776338	C	0.0583
rs141337973	A	-0.3303
rs7031448	T	0.057
rs34629716	T	0.1068
rs10965500	C	-0.3775
rs10122574	T	0.0464
rs12352354	T	0.2505
rs10901225	C	0.0528
rs2242103	A	0.0716

rs11140987	T	-0.039
rs16924806	C	0.1115
rs4979066	C	-0.0449
rs1033794	G	-0.04
rs10813243	G	-0.0405
rs2810543	A	0.1499
rs116921932	A	0.061
rs12684640	C	0.0862
rs150845005	A	-0.2591
rs3780830	T	0.1732
rs10780982	G	-0.0403
rs4841903	G	-0.0422
rs11103542	G	-0.0899
rs142222679	T	0.1622
rs7873304	A	0.0731
rs7869967	A	0.0459
rs10819944	G	-0.0638
rs73457879	C	0.2454
rs141696739	A	0.2142
rs2066714	C	-0.082
rs2800257	T	-0.0448
rs3910849	A	-0.0418
rs7867451	C	0.2648
rs2986682	T	0.1545
rs78154480	A	0.2198
rs11103131	A	0.1511
rs3128507	A	0.0409
rs55679235	A	0.2641
rs10987159	G	0.1582
rs34513499	C	-0.0395
rs2417484	T	0.0556
rs7026899	T	-0.0406
rs13289414	T	0.0488
rs16931970	C	0.088
rs79331712	G	0.1146
rs148131930	A	-0.2324
rs79675117	C	0.0776
rs72744009	G	-0.3777
rs1407856	G	0.0495
rs10123563	C	-0.0724
rs6476813	A	-0.0415
rs7046854	C	0.0646
rs112291234	T	-0.1697
rs147605527	A	0.2512
rs36110289	T	0.0554
rs1412068	A	-0.0377
rs11243975	T	-0.0792

rs10991816	G	0.043
rs17318283	A	-0.0399
rs148422770	A	-0.2099
rs3808759	G	0.0393
rs61336812	T	0.093
rs141679323	C	0.2795
rs118062536	T	-0.2128
rs72697189	G	-0.1441
rs734477	C	-0.0508
rs72740806	C	-0.0709
rs7026716	G	-0.0392
rs72737656	A	0.0879
rs10821164	T	-0.0391
rs139347529	T	0.2145
rs10990447	A	0.076
rs806031	T	0.0398
rs11144944	T	0.0472
rs13298924	C	-0.0524
rs278695	C	0.0389
rs8190479	G	0.102
rs10124606	G	0.0831
rs156766	C	0.0455
rs392979	T	-0.0673
rs2846450	G	-0.0378
rs112053080	T	0.2139
rs4877576	A	-0.0396
rs138722448	T	0.2093
rs13288466	C	-0.0762
rs1147808	T	-0.0401
rs11144690	T	0.1076
rs10963361	A	0.1339
rs2416981	G	0.0486
rs1327409	T	0.0427
rs12376869	C	-0.0408
rs78028685	C	-0.1285
rs77186611	C	-0.0862
rs2235055	T	0.0797
rs79265313	A	-0.14
rs75694422	T	0.081
rs7045703	T	-0.1474
rs11794209	C	-0.0809
rs12378475	A	-0.1448
rs10124839	C	-0.0535
rs62530600	A	0.0507
rs77458469	A	0.1874
rs61296988	G	-0.0874
rs57142353	A	-0.0499

rs79709803	T	0.0987
rs79097516	C	0.1053
rs1935338	T	0.0468
rs117008030	T	-0.1341
rs41289969	A	0.1918
rs35083126	A	-0.0427
rs79534540	C	0.1588
rs1983065	T	0.1896
rs147486210	A	0.2715
rs79372149	A	0.3326
rs57660207	A	0.0425
rs76650788	A	0.3186
rs117258793	A	-0.1804
rs117198810	A	-0.2846
rs1322483	G	-0.0398
rs4837520	C	0.0435
rs870164	A	0.0583
rs77641054	T	-0.1378
rs11144947	T	0.0554
rs74607206	T	0.1099
rs10810676	G	0.0388
rs17411423	T	0.107
rs72739167	A	0.053
rs13295532	C	0.0471
rs10961872	A	-0.0379
rs10733506	A	0.0472
rs137938860	C	-0.1419
rs7045481	T	0.0444
rs117840868	T	-0.2329
rs1885471	C	-0.0396
rs1675326	A	0.1396
rs9657672	T	-0.0398
rs4741859	T	-0.0649
rs7024300	T	0.1126
rs79793605	T	0.1226
rs10992568	T	-0.0591
rs2146087	A	-0.0403
rs72748888	A	-0.1987
rs7390463	G	-0.0509
rs141060507	C	0.142
rs11141341	T	0.0627
rs7857049	G	-0.1051
rs6478871	C	0.0456
rs2820963	G	-0.0417
rs147144721	A	-0.1824
rs62577209	T	0.056
rs62541439	T	-0.4039

rs80327542	C	0.1136
rs73560616	T	0.0956
rs138104351	G	0.1622
rs28452807	A	0.0674
rs62553134	C	0.1034
rs76342509	C	-0.171
rs76480456	A	0.2065
rs7863660	G	-0.05
rs113454308	T	0.0917
rs139191976	T	0.0734
rs11788303	A	0.0733
rs74391094	T	-0.0587
rs117744119	A	0.2282
rs74725413	C	0.2186
rs7864794	T	0.0597
rs7046702	G	0.0505
rs117557375	A	0.1413
rs3780792	G	-0.0434
rs144916794	A	0.1513
rs9785225	A	0.0579
rs7867146	G	-0.0464
rs74877177	G	-0.1685
rs10867816	A	-0.0696
rs78424530	G	0.3148
rs68034064	A	-0.0741
rs113849140	G	0.262
rs12346167	T	-0.037
rs843893	G	0.2111
rs67832400	A	0.1441
rs117599964	C	0.1346
rs113774249	C	-0.0859
rs17482706	T	-0.2177
rs10961955	A	0.1046
rs373637	T	0.0384
rs114930261	C	-0.1173
rs71508601	C	0.0823
rs4978006	T	-0.0408
rs1489170	A	-0.1915
rs999485	A	0.0453
rs12340030	T	0.0841
rs76988875	C	-0.0865
rs72741198	T	0.115
rs28565058	C	0.1788
rs7851916	A	-0.0395
rs74719175	G	0.0884
rs7025624	C	-0.0994
rs12553857	A	-0.1445

rs2247493	T	0.0423
rs114269013	T	0.09
rs113539463	A	0.2067
rs9785284	G	0.1957
rs3126963	G	0.039
rs79108616	T	0.131
rs1774037	G	-0.0401
rs117041440	T	0.2391
rs10901335	C	-0.0393
rs10810941	A	-0.0385
rs11141145	G	0.0554
rs72743719	T	-0.1323
rs10993704	T	0.0778
rs35250723	T	-0.1114
rs7035948	C	0.0381
rs78012349	A	-0.2451
rs7036435	T	0.0452
rs2481600	C	-0.0368
rs3739664	T	-0.0374
rs11795095	G	0.046
rs117272423	C	0.2645
rs1876752	G	0.0406
rs114807841	A	0.2678
rs11794874	T	0.233
rs2460137	T	0.0782
rs11466459	T	0.2454
rs1329624	T	0.0367
rs16919356	C	0.1397
rs12380409	G	0.0606
rs4841970	C	0.0532
rs7019741	G	0.1385
rs7858264	G	-0.1178
rs117530142	A	0.2486
rs2773512	A	-0.0419
rs113208038	A	-0.2344
rs80138774	T	-0.1376
rs41283108	G	-0.2312
rs138723576	C	0.1749
rs112642163	A	-0.1609
rs12378965	T	0.0729
rs4475548	T	-0.0403
rs117261136	T	0.1082
rs10756989	G	-0.0404
rs4534195	C	0.0392
rs1819172	C	-0.0594
rs75026939	A	-0.2178
rs41277883	G	0.1994

rs6478077	A	0.0566
rs17060568	G	0.0677
rs139185649	C	0.1395
rs6559869	A	-0.0665
rs148229081	T	-0.1559
rs17479209	A	-0.0461
rs117434106	G	-0.2509
rs76716728	T	-0.1647
rs10976075	G	0.0485
rs113107528	G	0.2727
rs118024812	G	-0.218
rs148884001	G	-0.2022
rs7849279	C	0.0562
rs138268013	T	0.2415
rs10966954	A	0.0368
rs149845864	C	-0.0626
rs10869054	T	-0.0389
rs72757847	C	-0.113
rs498266	G	0.0372
rs17052304	T	-0.0696
rs77509313	T	0.1413
rs2094509	G	-0.0376
rs3866499	C	-0.0597
rs12343003	A	-0.1067
rs10780793	C	0.0429
rs146928580	T	-0.2796
rs1810807	C	-0.042
rs17718680	G	0.053
rs7861858	A	0.1373
rs79168373	T	-0.1439
rs1327491	G	-0.1111
rs2478553	G	-0.111
rs117010490	T	-0.1548
rs72736813	G	-0.1458
rs139386570	A	0.265
rs12345715	T	0.0739
rs2122582	T	0.0382
rs138097125	T	-0.0621
rs4743113	G	0.0452
rs79882618	T	0.1213
rs3739448	G	0.248
rs3860902	T	-0.0413
rs34322533	C	0.152
rs73372801	C	0.1485
rs12236318	C	0.1578
rs78763642	A	0.0941
rs7021741	C	0.0517

rs149801890	C	-0.3239
rs10816063	G	-0.0387
rs10758985	T	-0.0379
rs10979336	G	-0.059
rs75302950	C	-0.1429
rs12685742	C	0.0372
rs3922644	C	-0.0445
rs116901296	T	0.1886
rs4350033	G	-0.0429
rs10745362	C	-0.0553
rs61339119	T	0.1733
rs59862957	A	-0.0516
rs139228221	T	0.1684
rs13287515	G	0.11
rs11138882	C	0.0537
rs2113716	A	-0.0488
rs10814139	C	-0.0371
rs79668944	A	-0.1332
rs12349446	C	0.0556
rs1856194	T	0.0394
rs146793328	A	-0.1765
rs668108	G	0.0652
rs341468	T	0.053
rs1410457	A	0.0515
rs3897745	A	-0.0465
rs138352933	A	0.1845
rs1926359	G	-0.0379
rs141598718	G	0.2107
rs10818803	T	-0.0377
rs10977210	C	0.0379
rs10759169	C	-0.0569
rs143515186	C	0.1586
rs117682998	C	0.0788
rs10869656	C	-0.042
rs74834254	G	0.0874
rs10435838	C	-0.0734
rs62585968	A	0.2015
rs2244830	T	0.0431
rs10991512	T	0.0909
rs4877658	A	0.062
rs76169634	G	0.1542
rs79280013	T	-0.1087
rs150313669	T	0.2058
rs2479204	T	-0.2353
rs117328904	T	-0.2445
rs1755610	G	0.0396
rs11789912	G	0.258

rs10977358	A	-0.1644
rs504184	T	0.0399
rs72748450	T	0.0524
rs4606126	A	0.041
rs3780181	G	-0.0707
rs6560494	G	-0.0542
rs117579654	A	0.1839
rs7870612	G	-0.0395
rs4745495	A	-0.0511
rs1413408	C	0.0388
rs113379449	T	0.2791
rs16936911	A	-0.0772
rs60418082	C	0.0464
rs10124504	C	0.0463
rs791656	A	0.0546
rs1323800	C	0.0428
rs62578230	T	-0.1705
rs9298675	G	-0.062
rs13294166	A	-0.0669
rs80079949	A	0.1121
rs2151417	G	-0.0383
rs10114293	A	0.05
rs77950724	A	0.1792
rs6478104	A	0.0512
rs2093483	A	-0.0371
rs58069462	G	0.118
rs140066884	G	-0.2109
rs4741388	C	0.0399
rs114818687	A	0.1113
rs79778145	C	0.0873
rs12347837	G	0.0607
rs9298670	A	0.0376
rs6476727	G	0.0391
rs35483022	T	0.0973
rs34767300	T	0.0677
rs1329029	T	-0.0414
rs145148555	G	-0.28
rs75548421	C	0.0991
rs9298653	A	-0.0512
rs71501110	A	-0.1861
rs10511460	G	0.1103
rs7867292	T	0.1825
rs73437258	A	-0.0861
rs7018663	T	-0.0474
rs7042550	G	0.1435
rs943844	G	0.0918
rs145362683	G	-0.1774

rs148986298	G	-0.2539
rs75656766	G	-0.0887
rs2382001	C	0.0388
rs4500145	C	0.0939
rs1339289	T	0.0516
rs3118850	A	0.0503
rs6474795	T	-0.0465
rs73649311	C	0.1416
rs6476383	A	0.1472
rs10814185	A	-0.0935
rs140758933	T	-0.1382
rs12339431	C	-0.0755
rs10818924	C	0.038
rs10967878	A	0.2018
rs28733569	G	0.0381
rs2814725	C	0.0536
rs10512362	A	-0.0859
rs72700568	A	-0.0581
rs13297793	T	0.1639
rs76279092	A	0.1604
rs1582167	G	0.0396
rs1926784	C	-0.0374
rs11999245	T	0.0801
rs11144691	A	0.0368
rs67241885	A	0.082
rs77123276	C	-0.1121
rs10810557	C	0.0398
rs6420260	A	-0.0372
rs2666804	C	0.0462
rs10813869	T	0.0544
rs146096712	C	0.172
rs117402988	G	-0.2184
rs56250535	C	-0.0452
rs17667777	T	-0.223
rs11244080	G	-0.188
rs1817915	A	0.0448
rs11562217	A	-0.0416
rs7864771	A	0.0386
rs2709418	G	-0.0531
rs75621308	C	0.1414
rs12000504	C	-0.1083
rs700123	G	-0.0849
rs10959642	C	0.1412
rs9777103	G	-0.0459
rs11145237	C	-0.0461
rs34918828	C	-0.0591
rs8181165	A	-0.2581

rs117536323	A	-0.2556
rs11789213	A	0.1298
rs72706517	A	0.0926
rs729098	A	-0.0789
rs1747852	T	0.1066
rs17832109	C	-0.0441
rs2110546	T	-0.0956
rs10122520	A	0.0479
rs113985677	A	-0.0801
rs5027585	C	-0.0466
rs11144130	T	0.037
rs978069	C	0.0431
rs7855517	A	-0.0415
rs6479409	A	-0.0679
rs2381413	G	0.0353
rs11145226	A	0.1956
rs10985473	C	-0.1499
rs12001385	G	0.0661
rs10757872	C	0.1405
rs56130500	A	-0.177
rs12342816	C	0.0914
rs3758172	T	0.0758
rs117418200	C	0.1572
rs10980578	C	0.0514
rs146710975	C	0.101
rs9657646	T	-0.0488
rs147595925	T	-0.1911
rs11790107	T	-0.0389
rs78876192	T	-0.0858
rs10746785	G	-0.0394
rs112820773	T	0.2214
rs79236151	G	0.1057
rs17309095	A	-0.0447
rs75954634	A	-0.0825
rs2779739	T	0.0719
rs73648452	A	-0.1435
rs2275242	C	0.036
rs1923429	A	0.0363
rs76185434	A	-0.0844
rs76490277	A	-0.0559
rs4294255	G	-0.0408
rs10869731	C	-0.0539
rs11145534	A	-0.0413
rs10960841	G	-0.0398
rs117328225	T	-0.0961
rs117207518	A	-0.2907
rs2417643	A	-0.0391

rs2771986	A	-0.0672
rs1815361	C	0.0543
rs10760432	G	-0.0354
rs56032937	A	0.0565
rs4265241	T	-0.0772
rs2051126	C	0.0652
rs142629547	T	-0.1675
rs10793973	C	0.037
rs3025382	A	-0.0548
rs143102096	T	0.1566
rs72734900	G	0.153
rs12238848	C	-0.0369
rs77677727	A	-0.1319
rs56020446	A	-0.1427
rs151037307	T	-0.1084
rs62521688	C	0.108
rs79930303	G	-0.1351
rs78987863	G	-0.1279
rs55716422	G	-0.1752
rs145681232	T	-0.1953
rs1558924	T	0.0402
rs7872362	A	-0.0529
rs10960351	T	0.0734
rs637416	A	-0.0644
rs74616347	A	-0.0835
rs28637654	T	0.0445
rs117029274	C	0.156
rs1407970	G	0.0492
rs944069	C	0.039
rs141495944	G	0.0952
rs9410299	C	-0.0357
rs10981014	T	-0.0529
rs12376398	T	0.0366
rs11138314	G	0.0518
rs76274530	C	0.109
rs78545033	G	0.0952
rs13295979	G	-0.1012
rs72751656	A	0.0542
rs79749575	T	0.2746
rs7863381	G	-0.0408
rs2026825	A	0.0374
rs10966901	G	0.0358
rs4011835	C	0.0408
rs13296946	G	0.0396
rs11145265	A	0.0416
rs145251708	A	-0.244
rs7033557	C	0.0844

rs10992044	G	-0.0465
rs78320984	T	-0.1717
rs12002855	C	-0.0529
rs11142877	A	-0.1838
rs2210991	C	0.0583
rs2777794	A	-0.0376
rs2274144	G	0.0686
rs58108882	C	0.1002
rs10869496	A	0.0349
rs3010752	C	0.0392
rs148200328	C	0.1785
rs10969072	G	0.0647
rs7046458	C	0.0365
rs80300711	T	-0.081
rs11142623	T	0.0635
rs10991951	G	0.0372
rs77524237	G	0.1827
rs75476100	A	0.165
rs1407971	T	-0.0682
rs55835701	C	-0.1759
rs117332362	A	-0.0661
rs7026726	A	0.1322
rs10122917	A	0.0464
rs10813304	T	0.0403
rs10976756	C	0.075
rs76375063	A	0.0785
rs290209	G	0.0461
rs11789543	T	0.0486
rs117166685	G	0.1676
rs117876650	C	0.2051
rs57658596	C	0.0439
rs4326442	G	-0.0695
rs62577097	G	0.0486
rs4877406	T	0.0409
rs111718337	G	0.0996
rs17084876	A	-0.093
rs10809945	A	-0.0629
rs7341699	T	0.1554
rs34715046	C	-0.0666
rs10974268	A	-0.0788
rs144411989	G	0.2162
rs3897456	A	0.0407
rs10988313	C	-0.0455
rs34756057	C	0.1228
rs10114996	C	0.0414
rs117514659	G	0.1787
rs10122640	A	0.0646

rs55991741	G	0.2034
rs80197395	C	-0.1813
rs142417986	A	-0.1372
rs12235827	T	0.0458
rs7034794	G	0.0843
rs1543615	C	-0.0474
rs76828855	G	0.1282
rs7025578	T	-0.04
rs2810537	C	0.0379
rs62558495	T	0.0354
rs117223610	T	0.1857
rs7866753	T	-0.0437
rs80124425	A	0.0723
rs56154226	G	0.0925
rs9409098	T	0.0346
rs1869202	G	-0.038
rs62522805	A	0.1069
rs7036743	G	-0.039
rs1410216	A	-0.0466
rs919860	C	-0.1234
rs2418434	C	0.0395
rs10982670	C	-0.0353
rs78611512	C	0.1792
rs7030204	G	0.0953
rs112836782	A	-0.1213
rs10115296	T	0.0478
rs140627627	A	-0.2404
rs143473321	G	-0.2058
rs3829109	A	-0.0439
rs6478338	C	0.0445
rs74463005	A	0.3088
rs146626278	A	0.2142
rs2777019	G	0.0456
rs72752974	T	0.0937
rs75190390	T	0.0859
rs117974354	C	0.1262
rs10961183	C	0.0481
rs9411266	T	0.1089
rs140070554	T	-0.1863
rs7852110	C	-0.0548
rs10869833	C	-0.0388
rs3758258	A	0.0443
rs149335618	A	0.1955
rs7020906	A	0.0633
rs11143534	C	-0.0495
rs117580605	T	-0.1638
rs75330961	C	-0.1883

rs989494	C	0.0832
rs10992630	A	0.0439
rs11265822	G	-0.0423
rs10759690	T	-0.0368
rs3849940	G	-0.274
rs1284013	C	-0.0844
rs112288387	C	-0.1473
rs4978647	T	0.0526
rs77977986	T	0.2035
rs260194	G	-0.0403
rs11103480	C	-0.0485
rs12350138	C	-0.0594
rs10814527	G	-0.0388
rs784646	T	-0.034
rs139631985	A	0.2057
rs673977	C	0.0889
rs74577133	A	0.194
rs10757508	G	-0.0587
rs10812860	A	-0.0494
rs10116474	G	0.0367
rs28579110	C	-0.0893
rs140637627	T	0.0723
rs9696691	G	-0.0478
rs73477961	T	0.1513
rs62580255	A	-0.1194
rs2213930	A	-0.0438
rs7024328	T	-0.0432
rs903546	A	0.1061
rs7466141	T	0.1844
rs12353411	T	0.0668
rs73670534	A	-0.1837
rs143407351	T	0.1624
rs10961754	G	-0.0455
rs28624857	T	0.1656
rs515786	T	-0.0469
rs7022645	A	0.1167
rs10759166	A	0.0375
rs12337796	C	0.1635
rs611315	C	-0.063
rs4742569	C	0.0432
rs17058626	A	0.0828
rs7869291	T	-0.2062
rs146722823	A	-0.1669
rs2004605	T	0.039
rs62558855	T	0.0833
rs140575383	G	0.1789
rs7032499	C	0.0382

rs74441363	T	-0.1208
rs7854942	G	-0.0561
rs2987736	A	0.0546
rs117378692	C	0.134
rs10118480	G	0.0718
rs111881805	C	-0.0709
rs75167003	C	0.0882
rs2451025	T	0.1454
rs71498416	T	-0.1951
rs7869125	T	-0.0347
rs7041705	A	0.0499
rs4842124	T	0.0567
rs118073190	A	-0.1698
rs76165120	T	0.1175
rs3013312	A	-0.0739
rs11788397	G	0.1033
rs4355859	G	-0.0405
rs150459788	G	-0.1871
rs12685831	C	-0.0564
rs4743221	C	0.0418
rs10819127	A	0.0415
rs10983962	A	-0.0444
rs2066716	T	-0.0612
rs72703404	T	-0.2565
rs143403636	A	-0.3674
rs7038550	C	-0.0897
rs80099324	A	0.1217
rs73647885	G	0.1593
rs10441687	T	0.035
rs78425248	A	0.0563
rs923463	G	-0.0795
rs7021289	G	0.038
rs59083789	G	-0.0621
rs74307336	G	-0.1408
rs12551632	C	0.1039
rs10759157	A	-0.0822
rs149247734	A	0.1613
rs11525950	G	-0.0536
rs17486712	C	0.2563
rs72766098	T	0.1477
rs7864079	G	-0.0349
rs7028245	G	-0.0376
rs115676813	T	0.2036
rs12006558	T	-0.0924
rs10869774	A	-0.0352
rs1221136	T	-0.0409
rs145553441	G	-0.2528

rs10986426	C	-0.0376
rs10965525	C	-0.035
rs72738896	C	0.0571
rs142599860	G	0.1384
rs112900944	T	0.198
rs1771216	A	-0.0639
rs885290	A	-0.0477
rs72709062	G	-0.0537
rs117838988	C	-0.0696
rs35101286	C	-0.0397
rs10814812	C	-0.039
rs75196455	C	-0.1231
rs76853823	T	0.1895
rs2026995	C	-0.0363
rs4237163	A	-0.0345
rs7031362	A	-0.0353
rs4977248	C	0.0349
rs7861861	G	-0.0535
rs76079577	A	0.14
rs75891323	T	0.172
rs117299501	T	0.073
rs9673	G	0.1213
rs77242382	T	-0.1739
rs77619653	G	-0.1348
rs10977450	T	-0.0443
rs112220764	C	0.2757
rs72695341	T	0.0595
rs10759179	C	0.0529
rs424450	T	0.0566
rs11244381	T	-0.0767
rs73638386	C	0.1218
rs10985332	T	-0.0492
rs3780136	A	-0.0446
rs1106012	C	-0.0365
rs4237110	G	-0.0352
rs10868828	G	-0.0405
rs76577650	C	0.1114
rs148794554	T	0.1609
rs117046865	A	0.1482
rs147700390	A	-0.1524
rs117572418	A	0.1452
rs62559693	G	-0.1266
rs36008893	A	-0.1036
rs7047114	G	0.0963
rs78427282	G	-0.1455
rs146002178	A	-0.071
rs116992162	G	0.1715

rs75817725	T	-0.2228
rs12347476	A	0.038
rs10977101	A	0.0436
rs60894446	C	-0.068
rs2282079	A	0.0833
rs149179961	T	0.1334
rs111596519	T	-0.0952
rs118014352	G	-0.2789
rs10972700	C	0.1535
rs72755474	G	0.0617
rs2073935	T	0.0467
rs117463379	C	0.0617
rs1410538	A	0.1374
rs10867904	A	-0.0579
rs60355026	A	-0.0804
rs6479332	A	0.0632
rs11243999	T	-0.223
rs10816561	T	0.0486
rs79956292	T	0.1911
rs115535131	C	-0.1588
rs72705372	A	0.1264
rs117578341	G	0.1334
rs7874536	T	0.0431
rs10757755	T	0.0362
rs744216	C	0.0352
rs7849852	T	0.0556
rs16932079	A	0.0444
rs1041631	A	0.0458
rs45540242	A	-0.0433
rs10813001	G	-0.0665
rs11138128	C	0.0598
rs59657211	G	0.0503
rs1178258	A	-0.0569
rs10116576	C	-0.0387
rs117226840	G	-0.1219
rs56281909	C	-0.1399
rs75184390	T	-0.063
rs1951511	C	-0.0759
rs10868223	T	0.0498
rs10985538	T	-0.1078
rs1410228	G	0.051
rs10867236	C	-0.0523
rs10984823	A	0.0915
rs9299056	C	-0.0754
rs1576891	C	-0.0501
rs148058478	C	0.1413
rs72743356	T	-0.05

rs138277699	A	0.1363
rs4588941	A	-0.0349
rs10815984	C	-0.0411
rs79415353	T	-0.0756
rs7036886	T	-0.0366
rs7846916	T	0.182
rs12378689	A	0.1837
rs957866	T	-0.1392
rs112250396	G	-0.1221
rs117273411	C	-0.1559
rs10820955	T	-0.1018
rs138441517	T	-0.1508
rs2150014	A	-0.0364
rs10983791	A	0.0589
rs62569569	A	0.0621
rs11141775	C	0.0373
rs2277185	T	0.0932
rs55816170	A	0.0637
rs17791393	G	-0.0436
rs74471257	G	0.1573
rs7040038	A	-0.034
rs4977587	G	-0.265
rs28549135	C	0.0433
rs1819208	C	-0.0586
rs75640636	A	0.1671
rs7046408	A	0.0445
rs78518313	A	0.164
rs12335614	A	0.0449
rs11243444	C	0.1053
rs55959418	A	-0.2096
rs1039336	G	0.0382
rs117413236	A	0.2267
rs17179542	A	-0.2022
rs144318278	C	0.1879
rs117437022	A	-0.1364
rs10988060	G	-0.1778
rs13300858	G	-0.1166
rs10118631	A	0.1169
rs7852485	G	-0.0512
rs118016033	C	-0.2538
rs72654280	C	0.0921
rs7018975	A	-0.0368
rs12552435	G	0.0734
rs117611917	T	-0.1654
rs72724837	A	-0.2721
rs4258054	C	-0.0477
rs13301425	A	0.0441

rs10117096	C	-0.0346
rs72748951	A	-0.1808
rs11138168	T	0.0363
rs7874540	T	-0.0439
rs1039280	T	-0.0337
rs117035033	C	0.1787
rs10993774	G	0.0338
rs1360534	G	0.0334
rs117077680	G	-0.1895
rs74848006	T	0.2874
rs72744047	A	-0.0859
rs149085746	C	0.2224
rs34692396	C	0.076
rs60795533	C	0.0396
rs28433582	C	-0.0921
rs62548504	T	-0.0824
rs28421011	A	-0.0357
rs10738528	T	0.0374
rs10814218	G	0.1388
rs2067805	C	0.1191
rs138734748	A	-0.1256
rs7046443	G	0.0831
rs576129	G	-0.0352
rs1861885	A	-0.1179
rs10759646	A	0.0494
rs78177836	T	-0.1929
rs117064840	A	0.0925
rs72752825	C	-0.1575
rs73656437	G	-0.1559
rs13295703	A	0.074
rs625890	G	0.036
rs2519790	C	0.0753
rs7030318	G	-0.0337
rs11139451	C	0.041
rs3897285	T	0.1325
rs74553076	A	0.084
rs148063849	T	-0.204
rs4372065	A	0.0422
rs77499347	T	-0.1976
rs1970120	G	-0.0463
rs79724766	A	0.093
rs10973089	C	0.0732
rs78546927	T	0.0943
rs4406478	A	0.0412
rs62576217	T	0.0482
rs1571837	A	-0.0405
rs62564575	C	0.0806

rs10811003	T	-0.0341
rs10985385	G	0.0467
rs61225612	A	0.142
rs11265905	T	-0.0531
rs139670789	C	0.1586
rs141488001	G	-0.0792
rs10984789	T	0.0392
rs10961500	A	0.0338
rs117385985	T	0.1426
rs62575781	A	0.0379
rs10972618	C	0.0373
rs12376453	C	0.0376
rs4361806	G	0.0363
rs116179082	G	0.1556
rs809099	A	0.0622
rs7022714	G	-0.0438
rs655880	A	0.0325
rs1475554	C	0.0796
rs12378086	G	-0.248
rs35873671	A	0.0591
rs1324631	C	0.034
rs11144702	T	-0.0383
rs2905479	T	-0.0353
rs407580	G	0.0696
rs113958606	A	-0.1012
rs75560944	C	0.1504
rs74432891	T	-0.0796
rs78671079	C	0.0952
rs3808899	A	0.0331
rs78390002	T	-0.1321
rs10972196	G	0.0409
rs150849937	T	-0.2543
rs2018973	A	-0.0675
rs118099113	A	-0.1287
rs12685026	T	-0.035
rs1889225	C	0.0349
rs10810168	G	-0.0455
rs143753643	T	0.1059
rs79611848	C	0.1624
rs140671008	C	-0.2307
rs73646184	T	0.1144
rs10814131	G	0.1005
rs16907146	C	0.057
rs11141965	G	-0.1071
rs71501604	G	0.0661
rs13302235	T	0.0343
rs7862070	A	0.0337

rs10818165	C	0.088
rs147079609	G	0.1808
rs67686996	C	0.0652
rs72725087	A	-0.0473
rs10988076	C	0.0704
rs75718793	T	-0.0664
rs78063025	T	0.1236
rs928636	G	0.0362
rs817182	A	-0.0483
rs10992475	A	0.0387
rs117908733	A	0.1021
rs141925562	C	-0.127
rs76200225	A	-0.1531
rs62586394	G	-0.0675
rs2776859	C	0.0339
rs7467892	A	0.091
rs117772177	T	-0.0985
rs13301242	A	0.0935
rs4463481	C	-0.039
rs2301371	A	0.1493
rs142786451	C	0.1079
rs2790401	T	-0.0422
rs4237122	A	0.0565
rs150594365	T	-0.2294
rs491749	A	0.0335
rs117911239	A	0.1746
rs28660034	A	-0.0655
rs117574354	C	-0.2092
rs7036187	G	0.0792
rs10819793	G	-0.0349
rs12352267	T	-0.0766
rs79421790	T	-0.181
rs12238106	G	-0.1608
rs36022765	A	-0.1402
rs7045436	A	0.0378
rs4742531	T	0.0339
rs2095057	A	-0.0642
rs17728854	A	-0.0838
rs7862256	G	-0.0422
rs111413425	T	-0.0773
rs13291278	C	-0.044
rs2381400	A	0.0355
rs6651523	C	0.1044
rs62572808	C	0.0639
rs62585222	G	0.068
rs10810705	C	-0.0354
rs28584627	T	-0.0909

rs33917322	A	-0.0372
rs28378867	C	0.0344
rs16919825	T	0.2305
rs1359703	T	-0.0325
rs74612223	C	0.1013
rs7860181	C	0.036
rs11521830	C	0.0651
rs3025418	T	0.1686
rs117608689	G	0.1861
rs62560475	C	0.1604
rs10124501	T	-0.1798
rs58482704	T	0.0594
rs726363	G	0.035
rs138405113	T	-0.2343
rs77911647	C	0.1409
rs7047313	A	0.0347
rs1273061	T	-0.0348
rs72759448	A	-0.1288
rs149801112	A	0.166
rs78641403	A	0.1198
rs62573419	G	0.1609
rs150113758	A	0.0838
rs34012049	C	-0.1277
rs2889245	A	0.0486
rs117584955	T	0.132
rs60631262	T	-0.1374
rs78398356	T	0.162
rs73425213	A	0.1188
rs12005685	T	-0.1613
rs72706483	A	0.1221
rs1344797	T	-0.0389
rs118163794	C	-0.2137
rs145886786	T	-0.0976
rs3095747	G	-0.0388
rs76465543	G	0.0927
rs17222860	C	-0.1207
rs4742928	T	-0.034
rs12377664	A	-0.0594
rs7018982	T	-0.0357
rs117376348	G	-0.1334
rs2151216	C	-0.0621
rs2252983	C	-0.0392
rs1827463	C	0.0344
rs2007744	T	0.0459
rs7875975	G	0.0435
rs12376740	C	0.0335
rs10465021	C	-0.0371

rs10814364	G	-0.0382
rs10973043	A	-0.0428
rs112857459	T	0.214
rs2153248	A	-0.0351
rs112717398	T	-0.0491
rs117204101	T	0.194
rs10976579	T	-0.0361
rs57032514	A	-0.2049
rs140554316	A	0.1144
rs56121773	C	-0.0465
rs72729115	A	0.2326
rs10963461	G	0.0396
rs7026580	G	-0.0372
rs118086648	T	-0.1537
rs77312492	G	-0.2437
rs78762428	C	0.1226
rs1537524	T	0.0622
rs11521817	G	0.1318
rs56961479	T	0.0664
rs118142950	C	-0.1475
rs7864293	C	0.0326
rs7849144	C	-0.0343
rs73651018	A	0.204
rs11999347	C	-0.0465
rs10123736	A	0.0375
rs117495338	C	0.1863
rs111281220	C	0.1354
rs4838090	A	-0.0341
rs10448319	T	0.0503
rs296617	A	-0.1156
rs117407235	T	0.2161
rs11138807	A	0.0515
rs117016985	A	0.2066
rs113723539	C	0.2091
rs114302447	C	-0.2123
rs10046864	C	0.0365
rs12000848	C	0.0347
rs12684472	T	0.0605
rs112509299	A	-0.2084
rs4609268	T	-0.0888
rs10123961	T	0.0361
rs7048696	G	0.0437
rs10441802	T	-0.0843
rs7037379	A	-0.0399
rs1329735	C	0.0338
rs1556463	C	0.042
rs10966092	C	-0.0362

rs7026101	T	0.0469
rs28375231	A	-0.0512
rs142515913	T	0.2268
rs117633188	A	-0.187
rs144500165	C	0.1593
rs10868395	G	-0.0322
rs11141304	C	-0.042
rs34548949	A	-0.0609
rs2146294	A	-0.2138
rs4745377	A	-0.0617
rs10972952	A	0.0488
rs4879740	A	0.1412
rs112899502	G	-0.197
rs75445152	T	0.1932
rs10858353	T	0.0399
rs7858124	C	0.0317
rs117332096	T	0.2161
rs12683920	T	0.0691
rs62560674	G	0.0855
rs1411264	T	-0.1796
rs117460141	C	-0.1415
rs10814730	T	0.0369
rs4744264	A	0.0355
rs75725035	G	0.1288
rs72743973	G	-0.0429
rs4741378	A	-0.0334
rs79378912	A	0.2374
rs78242775	T	0.1924
rs7046901	G	0.0551
rs116994083	G	-0.1183
rs17312190	C	-0.1468
rs1952277	C	-0.0514
rs2777775	T	-0.3171
rs767827	T	-0.0324
rs117285194	T	-0.1802
rs11794109	T	0.0436
rs10973358	T	-0.0333
rs7039577	C	0.033
rs10121409	G	-0.2057
rs1925496	C	0.0588
rs1139488	G	0.0347
rs141439186	T	0.2165
rs12339991	A	0.0425
rs4083606	G	-0.0319
rs4742365	T	0.0446
rs55780713	C	0.0507
rs7046633	G	0.0473

rs10117315	T	-0.0368
rs11787730	G	0.0742
rs117083786	T	-0.1132
rs142793265	C	-0.2315
rs111276706	T	-0.0939
rs62575992	T	-0.0704
rs6597537	A	-0.0326
rs10984786	A	0.0385
rs62533703	A	0.1383
rs12553459	G	-0.0662
rs117809191	C	-0.1649
rs10735607	T	-0.0418
rs117198845	A	-0.2165
rs12346416	C	-0.0973
rs13302851	G	0.0682
rs75016139	C	-0.2654
rs10813457	C	-0.0373
rs72770203	A	0.1175
rs10960398	G	0.0517
rs1322479	A	0.0319
rs72769724	A	-0.1221
rs10985311	T	-0.1232
rs10511442	T	0.0472
rs139567790	G	0.2258
rs4461986	A	-0.0317
rs10988669	C	0.0414
rs10123407	A	-0.0493
rs4744515	A	-0.0492
rs145528005	G	-0.1091
rs78036447	A	0.1866
rs62560767	G	0.0417
rs2265573	A	0.0483
rs676484	C	0.0354
rs11103609	C	-0.0372
rs7034401	A	0.0922
rs117268009	A	-0.1271
rs445609	T	0.0393
rs10514825	A	-0.038
rs72743745	G	-0.0988
rs1463016	A	0.0687
rs12235743	G	-0.052
rs999645	T	0.0372
rs7023164	G	0.035
rs73439398	T	-0.0696
rs117248986	T	0.1469
rs7047482	G	0.0416
rs13301059	C	0.0364

rs76805724	T	-0.1256
rs76587873	G	0.136
rs62538126	A	-0.1613
rs75594099	A	-0.0996
rs2890765	G	0.1558
rs60223038	G	-0.0366
rs539817	T	0.0355
rs3043	G	0.0394
rs4877258	T	-0.0409
rs117872308	T	-0.2005
rs118082591	C	0.164
rs4877631	C	0.1187
rs72756916	A	0.1569
rs77977591	A	0.0559
rs112537398	A	0.1207
rs77384614	A	-0.1098
rs78387365	A	-0.1489
rs12353107	T	-0.0968
rs3088274	T	0.0347
rs80341177	T	0.0977
rs116872864	G	0.104
rs75483724	C	0.085
rs79129237	C	0.0515
rs76884890	G	0.2242
rs117467989	A	-0.1274
rs72693173	C	0.0489
rs623646	A	-0.0341
rs75450106	G	0.1859
rs11139280	G	0.1252
rs56044239	A	0.052
rs10812042	A	0.0614
rs10756574	C	-0.0366
rs1611118	T	-0.0704
rs3808851	G	0.0398
rs521801	G	0.0733
rs16913661	T	-0.0819
rs10983645	A	-0.1046
rs2480804	A	0.0439
rs117613450	A	0.2175
rs1927638	T	-0.0546
rs10974705	T	-0.0624
rs113123	A	0.0364
rs7037635	A	-0.0405
rs146534345	C	-0.2405
rs9411321	T	0.0487
rs146515072	C	-0.0683
rs71511891	T	-0.0903

rs117338626	T	0.2451
rs2988571	A	-0.0439
rs10116688	C	0.0531
rs117192703	A	0.1651
rs150124274	T	0.2252
rs79587553	G	-0.058
rs77699343	A	0.0826
rs74970545	G	-0.1496
rs62582905	T	-0.1535
rs10869903	G	-0.0339
rs77508680	G	0.1052
rs273432	G	0.0368
rs2009301	T	0.1574
rs7020281	T	0.0482
rs10817973	A	-0.0353
rs143370824	T	-0.1859
rs7865226	T	0.0377
rs3925024	C	-0.0394
rs1932457	C	0.0326
rs818708	A	-0.0327
rs12683176	A	0.1093
rs3850588	T	0.0961
rs11788210	T	-0.036
rs117379899	G	0.1429
rs12346696	G	-0.0865
rs2210421	C	-0.0341
rs10867698	T	0.0362
rs117073130	C	0.1959
rs9644886	C	-0.0418
rs72778149	A	0.0483
rs12351740	T	-0.0665
rs73659029	A	0.0596
rs608816	C	0.0857
rs4579614	A	0.0365
rs118114756	T	-0.0817
rs117009263	T	-0.3061
rs9308281	T	-0.0324
rs12343582	C	-0.0382
rs11243378	T	0.0777
rs11789881	C	-0.0576
rs71514553	A	-0.2445
rs78683486	A	-0.0854
rs56341932	T	0.2399
rs55734037	T	-0.0417
rs1463019	A	0.0572
rs117721772	A	-0.1134
rs1541332	A	0.0321

rs945843	C	-0.0343
rs117042185	C	0.1582
rs140262655	G	0.141
rs706134	A	-0.0329
rs1970498	T	0.0458
rs7863614	C	0.038
rs10977092	G	-0.0345
rs10810176	C	-0.0346
rs1864202	T	0.035
rs140751514	A	-0.2544
rs62555328	T	0.1002
rs17580421	T	0.0628
rs141557113	G	0.1713
rs10306135	T	-0.0538
rs118120291	C	0.1425
rs76086826	A	-0.1874
rs33941072	G	0.0367
rs7048991	T	0.0956
rs80250277	C	-0.0788
rs146409470	T	0.2207
rs10283761	C	0.0451
rs11138598	A	-0.0356
rs77565290	T	-0.0727
rs2169326	T	0.0499
rs583201	T	-0.0317
rs10121071	G	0.0505
rs145842140	T	0.2602
rs13295272	C	0.0574
rs11137475	T	-0.0832
rs11244022	A	0.2048
rs10760066	C	0.1343
rs2520006	T	0.0336
rs79395844	A	-0.2044
rs1538516	C	0.0498
rs141743066	C	-0.1295
rs149020254	C	-0.1857
rs3793516	T	-0.0331
rs79077827	G	-0.1778
rs7858552	C	-0.0327
rs59268514	T	-0.0447
rs113772124	T	-0.0483
rs59799274	T	-0.0458
rs9942933	A	0.0324
rs140935532	T	-0.2733
rs10868017	A	-0.0679
rs1048070	T	0.0322
rs73518170	A	0.2519

rs10817593	C	0.0318
rs4961486	G	-0.0404
rs4961610	T	-0.1389
rs10757384	G	0.0359
rs2519812	T	0.0547
rs12378617	T	0.0424
rs62571023	A	0.0809
rs147525787	C	-0.2169
rs143395272	G	-0.1444
rs2175058	C	-0.0473
rs117959920	T	0.1688
rs62541557	G	0.311
rs149483122	A	-0.1695
rs734752	T	0.0337
rs770783	G	0.0764
rs11145050	A	0.0524
rs145063226	A	0.1518
rs9298685	A	0.0506
rs13288787	A	-0.0377
rs10986088	T	0.0335
rs72743518	A	0.1816
rs76172911	C	0.0541
rs149150742	T	0.2495
rs67388180	C	-0.0468
rs13296703	C	-0.0522
rs148543098	G	0.1514
rs10780969	A	-0.0332
rs113726944	A	-0.1228
rs10117384	T	0.0378
rs17629207	T	0.063
rs7871798	A	0.0651
rs7034609	G	0.0798
rs75922329	A	-0.085
rs7861372	C	0.147
rs876487	G	-0.0379
rs118107594	A	0.2675
rs12686217	C	-0.0313
rs34160974	T	-0.1867
rs11792058	T	0.0348
rs79932272	G	0.069
rs7873081	C	-0.0322
rs1231339	A	-0.0316
rs16929218	G	-0.1707
rs72699081	A	-0.156
rs41265298	A	0.0986
rs10973276	A	-0.0724
rs10760256	T	0.0443

rs7866187	T	0.0363
rs140579143	A	-0.3387
rs12337637	G	0.0633
rs79286955	T	-0.2163
rs10733620	T	0.031
rs79967707	C	0.1342
rs6478890	A	0.0312
rs137999248	C	-0.1264
rs142767966	A	-0.2823
rs139250781	C	0.2442
rs11559374	G	0.0399
rs75913731	A	-0.0893
rs61493153	C	-0.0395
rs36020633	A	0.0325
rs143985783	C	-0.1681
rs58281565	A	-0.0569
rs7033490	G	0.0319
rs671804	A	0.0397
rs7036142	A	-0.0358
rs1037661	A	0.0705
rs140985157	G	0.1448
rs11792145	T	-0.0381
rs4977566	T	0.0509
rs117813015	A	0.1375
rs139121428	G	-0.2118
rs4548305	C	0.0339
rs17693511	A	0.0797
rs13291548	C	-0.1967
rs7858046	A	0.0894
rs117033978	T	-0.1662
rs137887610	C	0.1874
rs2787167	A	-0.0394
rs77744256	G	-0.2434
rs1377197	C	0.0366
rs4078338	T	-0.0342
rs12686258	C	0.0391
rs75159861	T	-0.2056
rs7867155	T	0.051
rs2377811	T	0.032
rs6538001	A	-0.0369
rs10491883	C	0.0423
rs144851949	T	0.2034
rs74346151	C	-0.1219
rs77072303	A	0.0592
rs116911252	T	0.2521
rs143672329	G	0.1383
rs67239798	C	-0.1721

rs12336266	C	0.0369
rs17309781	T	0.0732
rs148554863	C	0.1671
rs1328546	A	-0.0321
rs146323377	G	-0.1978
rs117447085	A	-0.1235
rs142049312	A	0.0925
rs7875963	G	0.035
rs4961467	T	0.0347
rs12347747	C	0.032
rs12380243	A	0.0356
rs13292423	C	-0.0686
rs10988421	G	-0.132
rs138047589	T	0.0926
rs117575885	G	0.1217
rs150443774	T	0.1716
rs62537312	A	0.0406
rs7029492	A	-0.0319
rs814680	T	-0.0321
rs822347	T	-0.0323
rs10964455	C	0.0488
rs117057375	A	0.1235
rs13300667	A	0.0438
rs2871223	A	-0.0335
rs2228622	A	-0.0306
rs141352184	C	0.1466
rs12002635	T	-0.058
rs7860877	G	0.0609
rs112582628	A	0.1982
rs12340210	T	-0.0604
rs818696	C	0.0395
rs10491885	G	0.0371
rs11140167	T	0.055
rs117765099	G	0.1434
rs77546573	C	-0.0738
rs17702967	G	0.1093
rs12337602	G	0.0523
rs112873172	C	-0.1799
rs146896146	T	0.1536
rs138070122	C	0.1559
rs306542	A	0.0365
rs118089775	T	-0.1635
rs7038348	C	0.0313
rs76487166	T	-0.0474
rs62582987	T	-0.0697
rs62569671	G	0.0416
rs11145241	T	0.0368

rs11139557	C	0.0448
rs116892575	G	0.2718
rs2989942	A	-0.0321
rs563362	C	0.1029
rs140657137	C	0.0724
rs117502923	A	-0.143
rs62572528	T	-0.1855
rs11788587	T	0.0501
rs2642004	C	0.0572
rs61732355	T	-0.1279
rs116432222	T	0.1654
rs10960543	T	0.0318
rs143964321	G	0.1016
rs357554	T	0.0947
rs2382206	T	-0.0506
rs76404752	C	-0.0752
rs10819276	G	0.031
rs116986168	A	0.1702
rs11792868	C	0.0552
rs143350649	A	-0.0603
rs10739432	C	-0.0321
rs10118605	T	0.0313
rs10116734	G	0.035
rs755774	A	-0.0304
rs117788803	T	0.17
rs733531	T	-0.2412
rs75786696	C	0.1254
rs9407721	G	0.0474
rs2809854	G	0.0346
rs11788110	T	-0.0361
rs13286896	G	-0.0676
rs117634467	G	-0.1851
rs7854664	G	0.0336
rs1616813	A	0.1261
rs784934	G	0.0316
rs10125618	A	-0.0468
rs58960694	A	0.035
rs10814308	C	0.0427
rs75847657	T	-0.1651
rs72731793	T	0.1838
rs2377916	G	-0.0346
rs62570037	A	0.0511
rs10738612	C	0.0355
rs140608229	A	-0.127
rs2240116	A	-0.0736
rs10993731	T	0.1187
rs73456404	G	0.1605

rs17803098	C	-0.0514
rs10776906	A	-0.0309
rs1885926	C	-0.0709
rs62559065	A	-0.0418
rs1368679	A	-0.1224
rs11792674	C	0.0955
rs465423	A	0.0548
rs115131813	T	-0.1669
rs149584461	A	-0.1342
rs945386	C	-0.0444
rs10123553	C	-0.0304
rs113527854	A	0.1435
rs10116802	T	-0.0319
rs2209802	C	-0.0307
rs148959091	C	0.2371
rs10984639	C	-0.0646
rs1888210	C	0.0525
rs57410174	T	0.0383
rs78793101	A	-0.0785
rs7853795	C	-0.0314
rs61495629	A	0.0524
rs10975173	G	-0.0388
rs150170638	T	-0.1921
rs79799516	G	0.1337
rs149321168	A	0.0972
rs12552430	A	-0.0312
rs10959872	T	0.0372
rs144802866	T	-0.1985
rs1928655	T	0.0366
rs34413958	G	-0.0845
rs10815721	G	-0.039
rs74546752	A	0.106
rs74547575	G	0.0404
rs77127003	G	-0.0959
rs113737047	G	0.0634
rs75791549	G	-0.0499
rs145338109	C	-0.1487
rs11142966	A	-0.0709
rs146019517	T	0.145
rs7854152	C	-0.0473
rs985974	C	0.0313
rs45561035	G	0.1988
rs57251598	C	-0.1741
rs10511729	G	-0.0347
rs79500301	C	-0.0719
rs10982277	A	-0.0529
rs2992816	G	0.0516

rs55657502	C	-0.1975
rs1970013	T	0.0414
rs7018843	C	-0.0505
rs10972764	G	-0.1311
rs944482	C	0.0593
rs7855109	G	-0.0886
rs12238237	C	-0.0425
rs4294262	C	-0.0677
rs7045445	C	0.0339
rs10819817	C	-0.0348
rs145308861	T	0.1361
rs4439225	A	0.0356
rs142498463	T	0.0553
rs62579535	C	0.0384
rs7044740	C	-0.117
rs138047814	C	-0.221
rs117579224	G	0.342
rs117359931	G	0.1656
rs117487591	C	0.1657
rs41278381	C	0.0836
rs7023617	G	-0.0649
rs487882	A	-0.0432
rs62551042	T	0.0612
rs56115080	C	-0.0424
rs10123038	C	-0.0413
rs1249759	A	0.0667
rs147387773	A	0.0932
rs60197911	A	-0.0577
rs139751943	G	0.0983
rs10812653	C	0.1631
rs4978754	T	-0.0532
rs35636057	C	-0.1858
rs10966644	G	-0.0453
rs11144045	G	-0.168
rs10114340	A	0.044
rs3808757	A	0.0887
rs117415762	T	0.181
rs2290465	G	0.0532
rs117964256	C	0.1898
rs117412007	A	-0.1105
rs1886368	T	0.0324
rs145624824	T	-0.1551
rs117053806	C	-0.0921
rs10980249	T	0.0345
rs77627840	T	-0.1696
rs2476939	T	0.1035
rs10968521	C	0.0487

rs3008709	A	0.0308
rs28561466	T	0.0606
rs9410806	T	-0.0441
rs12351988	G	0.0313
rs12001999	C	0.0363
rs12683780	C	-0.0357
rs74696492	C	0.1614
rs117650144	T	0.1105
rs877326	T	0.0303
rs118051701	A	0.1598
rs150381485	T	-0.1191
rs57287926	G	-0.0826
rs62570290	T	-0.0833
rs62566525	T	0.0394
rs79419498	G	-0.0477
rs1228422	T	-0.0326
rs78562626	A	0.1769
rs59966455	C	0.0516
rs2375067	G	-0.0384
rs4744517	A	-0.0476
rs150751761	T	-0.1822
rs76628624	T	-0.1292
rs11788833	T	-0.0459
rs11137479	G	0.1915
rs10989002	G	0.2352
rs140802033	T	-0.2294
rs4745561	C	-0.0307
rs10970549	A	-0.0778
rs12380271	C	0.133
rs11790666	G	0.0411
rs117069874	A	-0.1413
rs72743635	C	-0.3204
rs118097871	T	-0.0817
rs13291406	C	0.0542
rs4842092	G	0.038
rs10978572	A	-0.0606
rs59373076	A	0.0514
rs138274394	A	0.1122
rs116015931	A	-0.2015
rs4745479	C	-0.1226
rs56997979	A	0.0425
rs4237201	T	0.0514
rs1679013	T	-0.0476
rs75813588	T	0.0797
rs143896758	T	-0.2435
rs117107218	T	0.1707
rs7023833	T	-0.0383

rs9410310	A	0.1658
rs527982	G	-0.032
rs10811008	T	0.0332
rs10757653	T	-0.0594
rs2993180	C	-0.0586
rs80052512	G	-0.1105
rs10986222	A	0.0668
rs74411467	T	0.0562
rs11496771	T	-0.2917
rs10735568	T	-0.0565
rs4647497	G	-0.1379
rs10812565	G	-0.0384
rs142265011	G	0.2109
rs12379047	A	-0.0359
rs34766870	T	0.1946
rs10815443	C	-0.0447
rs2593410	G	0.1216
rs10512265	A	0.1504
rs144148672	C	0.1311
rs73645622	T	-0.2183
rs111780368	C	0.0662
rs78467209	A	0.0844
rs62534482	A	-0.034
rs10869672	T	0.0315
rs117330703	A	0.1552
rs10986419	T	0.0786
rs3132332	G	0.0359
rs4745084	C	0.0426
rs17087148	G	-0.0885
rs73667845	A	-0.1369
rs75587070	T	0.2365
rs77597918	G	0.1243
rs67442944	T	-0.0502
rs4877784	A	0.066
rs10908912	T	0.043
rs1531674	C	-0.0368
rs78230934	A	0.1563
rs75635388	C	0.0724
rs139935352	G	0.1389
rs7874156	T	-0.0345
rs72761029	T	0.0708
rs2296781	A	0.0299
rs3025321	A	-0.0763
rs2992817	T	0.0312
rs113843389	A	0.1957
rs142395590	A	0.1338
rs1326795	C	0.0469

rs66529615	T	0.0607
rs1258094	G	-0.0339
rs79146084	A	-0.0868
rs76896301	C	-0.1074
rs10965243	G	-0.0504
rs116856958	G	0.104
rs472170	G	-0.0328
rs12351036	T	-0.1322
rs144931775	G	0.1041
rs76241503	T	-0.2516
rs62554699	A	-0.2256
rs77334358	T	-0.206
rs147508246	A	-0.2269
rs79614110	G	-0.0584
rs2938882	C	0.0395
rs74835287	A	0.0812
rs117751088	C	-0.185
rs12238007	G	-0.0598
rs4535826	G	-0.0383
rs77346095	G	-0.0767
rs138745815	C	-0.1034
rs35921828	A	0.1069
rs117810130	T	-0.1968
rs521888	A	0.0318
rs1323247	A	-0.0409
rs10987765	T	0.0476
rs79835034	G	-0.1224
rs13293262	A	0.0389
rs117344675	A	0.1533
rs10977176	C	-0.032
rs2295927	A	0.0532
rs13289920	G	-0.0561
rs34632222	A	-0.0539
rs148775889	A	-0.1622
rs10988811	T	-0.1938
rs4993036	T	-0.0417
rs2043465	A	-0.0298
rs17787781	A	0.0732
rs7847590	A	-0.0328
rs117914415	A	0.1829
rs10759255	T	0.0344
rs10810268	C	-0.0404
rs34912528	C	-0.0669
rs62561896	T	0.0828
rs4838080	A	0.1221
rs79303191	A	0.07
rs6597634	C	0.0408

rs12342992	C	0.0364
rs10780227	G	-0.0295
rs12344549	T	0.0568
rs113408976	G	-0.0969
rs117334132	T	0.1763
rs10991775	A	0.0491
rs12348853	A	-0.0878
rs147961049	T	0.1493
rs145609450	A	-0.0504
rs10973324	A	0.0796
rs76876243	A	0.1185
rs5015933	C	0.0302
rs17391944	G	0.0711
rs62548633	G	0.0604
rs11103540	C	-0.0462
rs112485380	C	0.0568
rs10809905	G	-0.0326
rs56263104	T	-0.0606
rs10985452	C	-0.0309
rs10968714	C	0.0469
rs7019128	C	-0.0537
rs74767806	T	-0.1729
rs12376625	T	-0.0321
rs77340355	A	0.1126
rs4585801	A	0.03
rs117554547	C	-0.115
rs2282078	T	-0.0386
rs62583467	G	0.199
rs12351380	C	0.1107
rs10816837	A	0.0542
rs10992610	A	-0.0438
rs72764649	C	0.0742
rs11792992	T	0.1067
rs72656797	A	-0.1367
rs2232624	A	-0.0826
rs16927858	C	0.0478
rs113286207	T	-0.0663
rs327754	C	0.0346
rs11788628	T	-0.1232
rs11793913	T	0.0317
rs74725663	T	-0.058
rs141172617	G	0.2699
rs2181558	T	0.0318
rs1547205	C	-0.073
rs117083885	T	0.0991
rs76846053	A	-0.1356
rs11791459	T	-0.0595

rs7024021	C	0.0298
rs1334811	A	0.0665
rs4741801	T	0.0303
rs147056251	A	0.1074
rs10974832	C	-0.0381
rs117897343	G	0.0901
rs17711934	C	0.151
rs79099476	A	-0.0708
rs10960969	A	0.1311
rs2791599	G	-0.0376
rs2567705	T	-0.0298
rs79454398	G	-0.131
rs10869654	T	0.0309
rs117092840	A	-0.1468
rs12550859	C	-0.1573
rs13302123	C	-0.0464
rs142392582	C	-0.1984
rs76955252	C	-0.0664
rs117697698	A	-0.1261
rs10810049	G	-0.0364
rs74581861	T	0.0706
rs7040049	G	0.0333
rs117297590	A	0.2419
rs10816532	T	0.0444
rs10441746	T	-0.0453
rs1331658	C	-0.0298
rs11265874	G	0.052
rs80034475	C	-0.129
rs140416234	G	-0.2065
rs9802616	A	-0.0625
rs71523482	A	0.115
rs4546732	C	-0.059
rs72748449	T	0.1182
rs3758203	C	-0.0565
rs72718145	C	-0.0837
rs56195717	T	0.1146
rs2417679	G	-0.1152
rs56230717	G	0.0609
rs117506257	T	0.0724
rs11103242	A	0.1507
rs78378839	C	0.1623
rs2506117	C	-0.0454
rs145982467	A	0.0692
rs142191223	A	0.0853
rs4978551	T	0.0414
rs561592	C	-0.0475
rs142627873	A	0.1763

rs4741656	G	0.033
rs77236901	T	-0.1235
rs76338121	G	-0.083
rs73656325	T	0.1386
rs13295638	C	-0.0439
rs7872420	G	0.0395
rs62534810	T	0.1027
rs10114240	G	0.0349
rs4979257	G	0.0373
rs147080694	T	-0.2045
rs35732810	T	-0.0572
rs10124138	T	0.0401
rs7853023	A	-0.0376
rs7872805	A	0.0315
rs117966828	A	0.0931
rs7873175	A	-0.0349
rs7862821	C	-0.0542
rs10429515	T	0.0505
rs72702005	A	-0.2114
rs59512030	A	0.0523
rs10979963	T	0.0799
rs10990916	A	0.1174
rs35357088	C	-0.0596
rs11243406	A	-0.069
rs139600448	G	-0.1553
rs148235562	C	0.0704
rs62560382	C	0.1512
rs10812321	A	-0.0316
rs2492627	A	0.0314
rs79300279	A	-0.1428
rs111473985	A	-0.0385
rs3780827	G	0.0616
rs11788658	C	0.0424
rs10758441	T	-0.0315
rs41273392	A	-0.2681
rs7044535	A	0.0386
rs7043517	A	-0.0653
rs113645292	A	0.0862
rs7019545	G	0.0312
rs72733451	A	0.1837
rs80330252	T	0.0493
rs117037505	T	-0.1405
rs142513138	A	0.0534
rs141158563	G	-0.1167
rs111489094	A	-0.1587
rs1500309	A	0.0446
rs144722335	C	-0.1238

rs10812033	G	-0.0302
rs17708974	A	0.0376
rs12379330	G	0.042
rs13291055	A	0.037
rs79225943	G	0.1164
rs2491002	A	-0.0657
rs57728431	G	-0.0519
rs10974815	T	0.0418
rs4741372	T	0.0307
rs17058421	G	0.0566
rs10119417	T	-0.048
rs71496249	T	0.0395
rs73405730	G	0.0573
rs117212731	T	-0.1838
rs10120932	G	0.0393
rs72713282	C	0.0947
rs524074	C	0.0487
rs117709606	A	0.0942
rs10820798	A	-0.0369
rs12351803	A	0.0986
rs702201	G	0.085
rs4297077	C	-0.0472
rs117488067	C	0.1218
rs141057242	C	-0.1629
rs7874131	T	-0.0611
rs2787384	A	-0.0293
rs7857116	A	0.0351
rs55645275	G	-0.3334
rs623318	G	0.0354
rs72744671	C	-0.1814
rs4979502	C	-0.039
rs35258638	A	0.0438
rs17402763	G	-0.1196
rs72709668	T	0.0921
rs12683020	G	-0.0349
rs2456266	G	-0.0405
rs7865829	C	-0.0489
rs112271298	G	0.0403
rs114336148	C	0.0913
rs78920372	A	0.1833
rs55856550	T	0.1527
rs10984516	T	0.0474
rs77454912	T	0.1081
rs117913481	A	-0.0613
rs112141461	T	-0.1276
rs77788557	A	-0.1373
rs13302629	A	0.0346

rs4879640	G	0.0343
rs117626470	T	0.1336
rs1969763	G	-0.0296
rs983078	G	-0.0307
rs7861563	T	-0.0435
rs9407383	C	0.0332
rs514208	G	0.0441
rs55780758	C	-0.1902
rs56223117	A	-0.0655
rs10757140	C	0.0383
rs145048283	T	0.1129
rs1327796	G	0.0398
rs734764	G	-0.0353
rs144757117	A	0.1544
rs62577969	T	0.1079
rs13283427	C	-0.0418
rs10817929	C	0.0392
rs73554519	A	0.1218
rs2772683	C	0.0318
rs3802489	C	-0.0678
rs1984007	T	0.0324
rs78146370	T	-0.0828
rs117997207	T	0.1663
rs7030115	C	-0.0299
rs12351774	G	0.0446
rs17480343	A	0.232
rs2184979	T	0.1305
rs10980677	A	-0.0321
rs7049038	T	0.0311
rs72701686	A	-0.1411
rs55968210	A	0.0935
rs1350999	T	-0.0294
rs9411017	G	-0.037
rs74730320	T	-0.1793
rs139089441	C	-0.1135
rs982464	G	0.0632
rs62555365	A	-0.0358
rs16915452	T	0.1102
rs13291480	G	0.1589
rs34477738	G	0.0563
rs574688	C	-0.0602
rs7875646	C	-0.0481
rs13286730	G	0.0501
rs147541624	T	-0.1261
rs4745462	A	0.0318
rs11139045	G	-0.0885
rs2236409	C	-0.0518

rs4628332	T	0.0614
rs55686925	A	-0.0643
rs142775214	C	0.1723
rs4741751	G	0.0489
rs913259	T	0.0387
rs16907489	T	0.0761
rs150236972	C	0.2157
rs7870620	A	-0.0474
rs13301002	C	0.0287
rs75431457	T	0.1717
rs1552897	A	-0.0396
rs72748984	A	-0.0797
rs35553284	A	0.0504
rs117079474	T	0.1121
rs75631799	T	0.0958
rs117356459	A	0.1036
rs7021986	G	0.0662
rs12376244	A	0.0343
rs10122850	T	-0.1047
rs2150573	T	-0.0285
rs79455334	T	0.1677
rs4322086	G	0.0284
rs4836699	A	-0.0383
rs10491886	T	-0.0594
rs56277318	C	-0.1931
rs4741915	G	-0.0321
rs111584195	G	0.1019
rs7853157	G	0.0301
rs945852	C	0.034
rs977124	A	-0.0435
rs148967740	C	-0.2066
rs10780314	A	-0.0346
rs7867164	C	0.0833
rs117095515	T	0.0964
rs79131119	A	0.0739
rs10963744	C	0.0508
rs1034163	T	0.0288
rs117441751	A	0.1179
rs78526882	C	-0.1224
rs7874810	A	-0.0284
rs7041936	G	0.0981
rs113485919	T	-0.2068
rs117248403	C	0.0554
rs2518129	G	0.0701
rs34287535	T	0.0406
rs62573231	A	-0.1326
rs61007216	T	-0.1311

rs77099834	T	-0.0914
rs4842229	A	-0.0434
rs3217986	G	0.0516
rs943423	G	-0.0314
rs72754383	A	-0.0731
rs140913548	T	0.1141
rs10113918	T	0.0383
rs72762562	G	-0.0741
rs10963692	T	-0.0498
rs7034420	A	0.0292
rs117300595	T	-0.2155
rs72744167	A	0.1253
rs13284654	T	-0.0454
rs11792737	A	-0.049
rs10983517	A	0.0331
rs138322680	A	-0.1212
rs36121510	C	-0.0759
rs147710977	C	0.087
rs12238280	A	0.0532
rs13288401	T	0.104
rs11137653	A	0.061
rs7033257	A	0.031
rs147057279	T	0.129
rs12683633	C	0.0317
rs1215176	C	-0.0535
rs34792804	G	0.0627
rs117592346	A	0.1382
rs117756191	A	0.0589
rs117743368	A	0.2735
rs72687831	T	0.0395
rs62555368	T	0.1272
rs56409414	G	0.0964
rs28712321	T	0.0343
rs72751802	T	0.1257
rs990481	G	0.1816
rs1557125	G	-0.0306
rs10980986	T	0.0458
rs944036	G	-0.0332
rs72730822	T	-0.1365
rs518383	C	0.0369
rs117706625	G	-0.1477
rs9696582	C	0.073
rs341464	G	0.0466
rs61558891	T	0.2259
rs10512263	C	0.0606
rs74215445	G	-0.1499
rs79957237	C	0.1225

rs57814978	A	-0.0627
rs79009054	A	0.0866
rs143189158	A	0.0788
rs117235480	T	0.1151
rs10980614	A	0.0471
rs7857612	A	0.0526
rs11794219	T	0.1402
rs75685645	A	0.1246
rs2905072	G	-0.0359
rs62555871	A	0.0791
rs10985154	G	0.1072
rs74346620	C	-0.0527
rs72713597	T	0.0588
rs1931388	G	-0.0291
rs7035838	A	-0.0326
rs34021886	T	-0.0908
rs117141493	G	-0.0908
rs117790707	T	0.1435
rs7851929	C	0.0377
rs75895814	T	-0.1161
rs11793532	G	-0.0415
rs7022220	C	-0.0418
rs7849478	A	0.0349
rs117303833	T	-0.1588
rs1778974	T	-0.0579
rs7853968	G	0.0882
rs55737197	T	0.1906
rs117881792	T	-0.1929
rs4837897	C	-0.032
rs75008163	T	0.1548
rs1857438	T	0.0794
rs16920358	C	0.0503
rs273436	G	0.041
rs397916	G	-0.037
rs117045751	C	-0.1975
rs76429456	A	0.1083
rs436929	C	-0.0341
rs10982612	T	-0.2123
rs117298666	A	0.1205
rs139722282	C	0.2083
rs117878340	T	0.2225
rs147302394	A	0.1902
rs1249713	A	0.0295
rs7046765	G	-0.0401
rs80343151	T	0.0737
rs10512213	G	0.0411
rs1558874	G	-0.0437

rs12003687	C	-0.064
rs80151685	A	-0.0846
rs79362338	A	-0.1651
rs78725238	T	-0.1991
rs71501685	C	-0.1019
rs56869826	C	-0.0656
rs79645106	A	-0.1056
rs62546174	G	-0.0433
rs17509780	A	-0.0728
rs1006418	G	-0.0287
rs116957541	G	-0.1302
rs6476690	A	-0.0475
rs79335572	C	0.1408
rs77478190	G	-0.1631
rs420791	T	-0.0501
rs141476335	A	-0.1366
rs78621972	G	0.0468
rs117530505	G	0.1161
rs76174756	C	0.2069
rs16929654	A	0.154
rs2583837	A	-0.0285
rs76416052	C	-0.0955
rs12353545	C	0.0462
rs7851561	C	0.035
rs57352266	T	0.039
rs55952720	T	0.1279
rs77864761	T	0.1374
rs117546508	C	0.1934
rs2815170	G	-0.0294
rs1410577	C	0.1471
rs117507797	T	-0.15
rs75852895	C	0.065
rs4837521	T	-0.0305
rs118163705	A	-0.2096
rs34163298	C	0.0305
rs118190536	C	0.0884
rs59316391	T	0.2813
rs13288531	T	-0.0693
rs306783	T	-0.0315
rs75864858	A	0.093
rs75340447	T	0.1288
rs11794589	A	-0.1328
rs148666613	A	-0.2058
rs35744101	T	-0.0678
rs10780590	C	0.0305
rs7031396	G	0.0363
rs9802847	G	0.1179

rs72697791	G	0.0361
rs13295714	G	-0.0402
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rs1609801	C	-0.0539
rs74855337	A	-0.0732
rs10115243	C	-0.0389
rs11140486	C	0.0434
rs10963383	C	0.0415
rs10976280	G	-0.0355
rs17787761	C	-0.0755
rs150290871	G	0.0927
rs78107422	T	-0.0445
rs3011260	A	-0.0364
rs3904577	C	0.0325
rs117736050	T	0.1218
rs2482424	T	-0.0465
rs2638378	T	-0.042
rs10966438	C	-0.0448
rs2281905	G	-0.0333
rs16928621	A	-0.0386
rs72690574	A	-0.1197
rs140526396	C	0.1978
rs140115172	G	-0.1471
rs79246818	G	-0.1894
rs2519996	T	0.0608
rs56090700	T	-0.1984
rs1620371	C	-0.0348
rs56327511	T	-0.1324
rs35041950	C	-0.0319
rs7039736	A	0.0616
rs13289539	C	0.1823
rs10961175	G	-0.0809
rs34998224	C	-0.041
rs10978000	T	0.0521
rs35841352	A	0.1165
rs62565047	T	0.0944
rs12554380	C	0.0967
rs2761059	C	0.0312
rs10511609	G	0.0697
rs147610879	A	0.0957
rs145822456	A	0.1662
rs72734703	C	-0.0521
rs28377722	T	0.0527
rs59165439	T	0.0329
rs78713999	G	-0.062
rs140055303	C	0.1478
rs140005736	G	0.1255

rs10964334	T	0.1351
rs10984726	C	-0.0314
rs11139855	A	0.0392
rs10975037	G	-0.0298
rs117917460	A	0.1733
rs28599759	T	-0.041
rs117800046	C	0.1162
rs117024390	A	0.2425
rs58681542	G	-0.0605
rs142907092	T	0.205
rs59060942	C	0.1786
rs75131075	A	0.06
rs11142566	T	-0.0311
rs17147185	A	-0.0927
rs3858105	G	0.0352
rs7864719	G	-0.0499
rs10965565	C	-0.0966
rs34483649	G	-0.1309
rs7025353	C	0.0335
rs117210009	T	-0.2055
rs55930244	C	0.1165
rs1885238	T	0.0394
rs3739784	T	0.0595
rs475404	A	0.0626
rs56281242	C	0.0508
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rs4744307	A	-0.0284
rs12377101	T	-0.0582
rs72761767	C	0.0714
rs168490	G	-0.1177
rs117389221	C	0.1732
rs58744673	C	-0.0292
rs635827	G	-0.0425
rs78159768	C	0.1585
rs2038755	G	0.1643
rs113180929	G	0.1313
rs9792606	T	0.038
rs10512145	A	-0.0383
rs1536523	T	0.0606
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rs73561516	A	0.1028
rs7036698	T	0.1289
rs143463673	A	-0.1882
rs10991461	C	-0.0294
rs11139444	A	-0.1629
rs12002347	G	-0.0457
rs144251347	A	0.0828

rs75016446	A	-0.0896
rs76964692	T	0.113
rs10814755	A	0.0276
rs57353091	G	0.1343
rs113722006	C	-0.1712
rs10982569	A	0.1459
rs10812236	T	-0.1166
rs7863156	G	-0.0667
rs4614050	T	-0.0487
rs61158277	A	-0.1211
rs62574256	C	0.1252
rs76846982	C	0.0965
rs71507355	C	0.0696
rs10977620	C	0.0388
rs3793472	G	0.0308
rs55903340	T	0.0332
rs409453	C	-0.0457
rs75663624	T	-0.0603
rs72761946	T	0.0874
rs117882869	A	0.2
rs147462154	G	0.1331
rs1717423	T	0.0598
rs1984216	G	0.0281
rs60742513	A	0.0745
rs111379640	T	-0.1427
rs2281790	A	-0.0331
rs2224489	A	0.0289
rs116920155	G	0.0751
rs977972	A	-0.0769
rs1575554	T	0.0586
rs10961562	G	-0.0344
rs78538131	T	-0.104
rs10817947	A	0.0525
rs117188510	T	0.111
rs111384356	T	-0.1485
rs10756363	G	0.0427
rs141414305	T	-0.1105
rs639898	G	-0.0294
rs115838846	A	-0.0962
rs11789922	G	0.0284
rs1433825	G	-0.0557
rs2675275	T	-0.0286
rs12236652	A	0.1633
rs149444215	T	-0.1014
rs150024629	C	0.1297
rs13284442	T	0.0316
rs151143703	A	0.1933

rs59164034	G	-0.0486
rs10733751	G	0.0599
rs1933975	T	-0.0369
rs357527	A	0.0564
rs117525133	T	-0.1838
rs60046377	T	0.2109
rs356679	T	0.0367
rs76997949	C	0.105
rs79234439	G	0.208
rs1773708	G	0.0372
rs62578248	A	-0.1209
rs75469190	C	-0.0784
rs56156648	G	-0.0536
rs11185646	T	0.0302
rs143321291	T	-0.1259
rs146758128	G	0.0701
rs34622612	G	0.0535
rs7023713	G	-0.0338
rs79567208	T	-0.0885
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rs72761616	T	0.0898
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rs72703512	A	-0.0885
rs10993323	G	0.028
rs62531731	G	-0.1666
rs35813466	A	-0.0833
rs77841483	A	-0.3006
rs62568152	C	-0.053
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rs11788443	T	0.0491
rs7852480	G	-0.0575
rs67659836	T	0.0437
rs113895116	T	-0.0792
rs41274260	C	-0.1387
rs10978365	C	-0.072
rs10962014	A	-0.0361
rs74392475	C	-0.0732
rs13288158	C	-0.0537
rs3780164	A	0.0293
rs76704800	G	-0.189
rs138505057	T	0.168
rs56304357	A	-0.0517
rs7850614	A	-0.0327
rs12351083	C	-0.0315

rs1887457	T	-0.0332
rs34817677	G	0.0342
rs72752697	T	0.1136
rs72710262	G	0.0954
rs145339264	A	-0.1092
rs117482250	A	-0.1006
rs2289662	G	0.079
rs16934330	G	-0.1479
rs6476410	C	0.0329
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rs2792233	T	0.0401
rs75611131	T	0.0522
rs7866213	T	-0.1659
rs62543868	T	-0.2297
rs117883886	A	-0.1005
rs116218437	T	0.0519
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rs7854402	G	0.0302
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rs75788448	T	-0.1241
rs838821	G	-0.104
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rs118124201	G	-0.1435
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rs129956	C	-0.0749
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rs702280	G	0.0344
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rs17305963	A	-0.0519
rs584396	T	-0.0334
rs76229320	T	0.1072
rs7859	A	0.039
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rs62529502	A	0.0584
rs55854523	G	-0.0818
rs7848364	T	0.0761
rs34081422	C	0.1223
rs112325071	G	-0.0849
rs11138449	T	0.0828
rs7045319	C	-0.0697

rs75852853	C	0.0692
rs59215067	C	-0.0533
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rs17221008	C	-0.0293
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rs137953993	A	-0.1461
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rs4745507	C	0.032
rs12337318	A	0.0518
rs34459333	T	0.15
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rs11791056	T	0.0676
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rs78891920	C	0.23
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rs36101629	T	0.0611
rs2997652	G	-0.03
rs76475736	A	0.1338
rs7873023	C	-0.0342
rs1110264	A	0.0309
rs572726	C	0.0274
rs111440113	A	-0.0551
rs77153735	C	0.0434
rs10991408	C	-0.0561
rs10979155	G	0.1212
rs7044363	A	-0.0482
rs79697373	A	-0.0567
rs75081668	C	0.0768
rs143658733	G	0.1322
rs2487060	C	0.0489
rs147257356	C	-0.0722
rs34793316	G	-0.0493
rs10960840	T	0.0358
rs66892783	G	-0.035
rs4077822	T	0.0341
rs150511190	C	0.1559
rs116859551	T	-0.2063

rs75412647	G	0.0949
rs11999183	G	-0.0499
rs10981424	A	0.0543
rs28368155	G	-0.1232
rs11143516	C	-0.0577
rs148163011	G	0.1577
rs2383154	A	-0.0394
rs145585451	T	0.1259
rs16908102	C	-0.1165
rs35285458	T	0.171
rs72759006	A	-0.2323
rs10511977	G	0.0467
rs11144083	A	-0.0433
rs145199486	T	-0.0714
rs10868650	C	-0.044
rs72712031	G	0.0616
rs75848116	A	0.1038
rs72760636	G	-0.0576
rs1109816	G	0.0279
rs10868596	A	0.0286
rs4842247	A	-0.0292
rs9298853	A	0.027
rs80268873	A	-0.0967
rs79412286	A	0.043
rs62534368	G	-0.0558
rs58362711	C	-0.1005
rs56011297	T	0.0348
rs3025356	A	0.0582
rs1536607	A	0.0424
rs112848834	G	-0.1784
rs2636885	A	0.0302
rs10810681	A	0.0275
rs10971668	A	-0.0391
rs62573973	C	0.0856
rs10816465	A	0.0297
rs141890466	G	-0.0401
rs12551134	C	0.0337
rs490058	A	-0.0324
rs138392998	G	0.1654
rs149360126	G	-0.1687
rs10867442	C	-0.0288
rs7853412	T	-0.0396
rs75694035	C	-0.0772
rs72729495	A	-0.1498
rs7856461	G	0.1276
rs10738860	T	0.0544
rs1886264	C	0.0289

rs12552839	A	-0.1803
rs117730238	T	-0.23
rs117636905	G	-0.1224
rs117989810	C	-0.1545
rs7047205	C	0.031
rs118112941	A	0.1801
rs140896220	G	-0.1986
rs10959734	G	-0.0398
rs79436289	C	-0.0335
rs2383076	G	0.0343
rs10964993	G	-0.0362
rs2047701	A	-0.0348
rs75265831	T	0.0858
rs73468062	T	0.0561
rs12555832	A	0.0475
rs730705	C	0.0309
rs117803154	A	0.1444
rs7870225	C	0.0492
rs117554916	T	-0.0999
rs3004299	T	0.0976
rs35678073	G	0.0536
rs117239796	C	0.126
rs118171833	T	0.1501
rs1057406	A	-0.0317
rs62561941	A	-0.0853
rs118010413	T	0.1834
rs77237649	T	0.1365
rs3810909	G	-0.0334
rs77419700	G	0.1957
rs139286049	G	-0.215
rs10979766	C	-0.043
rs10738773	T	0.0369
rs1928873	C	-0.0285
rs34117361	A	0.1508
rs7021820	G	-0.0363
rs10962858	A	-0.0386
rs117814929	T	-0.2381
rs3808857	T	-0.0614
rs10973602	C	0.0556
rs62532967	C	-0.0314
rs34599735	T	-0.0338
rs6476124	A	0.057
rs117536345	T	-0.1738
rs10968623	T	0.0408
rs1598196	T	0.0409
rs142163540	G	0.1417
rs117423885	A	0.1678

rs62578082	C	0.0454
rs10119187	C	0.0356
rs144326100	A	-0.0869
rs9410624	C	0.0286
rs11789523	G	0.0511
rs117435878	G	-0.1411
rs149041298	T	0.112
rs7041855	T	-0.028
rs4740401	C	0.0315
rs10217456	A	0.0276
rs13298436	T	0.0306
rs72767821	T	-0.0439
rs13302712	G	0.0601
rs10973740	G	0.0427
rs10982158	T	0.0436
rs1374502	T	-0.0378
rs74945294	C	0.033
rs35235561	G	0.1777
rs11789626	G	-0.0667
rs35674302	C	0.0326
rs6479189	C	-0.0274
rs3908434	A	-0.0376
rs117908413	T	0.12
rs13285109	G	0.0634
rs141614846	T	-0.099
rs7869336	T	0.0287
rs2786717	T	-0.0313
rs78317337	G	0.2406
rs2418445	A	0.0272
rs16927142	C	0.1511
rs10992612	T	-0.0799
rs12338709	T	0.0709
rs11143482	A	-0.1913
rs17336838	T	-0.1971
rs145130263	C	0.1624
rs144154605	T	0.1501
rs34494606	C	-0.0464
rs10812440	G	0.0304
rs17061934	C	0.045
rs113227614	A	0.0866
rs1567354	T	0.0335
rs72739662	A	0.0784
rs139495350	C	0.0513
rs10983537	A	0.0597
rs60821139	A	0.082
rs72752039	T	0.1289
rs13284095	A	0.0415

rs34019626	A	0.1064
rs294852	C	-0.0369
rs139932931	T	0.0679
rs112578477	A	0.244
rs7042748	A	-0.1688
rs3780140	T	-0.0279
rs10987356	T	0.0543
rs146405552	A	0.1154
rs41280723	C	0.1388
rs10961568	G	-0.0989
rs10979444	A	0.0503
rs62534512	T	-0.0849
rs2890749	A	-0.046
rs115503356	A	-0.0879
rs10977525	G	-0.0473
rs2383713	T	0.1316
rs77537098	G	0.2377
rs78608246	T	-0.1069
rs117808162	C	-0.178
rs10781386	A	0.0356
rs10739164	A	-0.0287
rs7026445	C	-0.0501
rs151091221	C	-0.2492
rs11138408	C	0.0524
rs1856103	G	0.0349
rs149672830	A	-0.2059
rs7020290	T	-0.0372
rs78446310	T	0.1611
rs10987331	G	-0.0283
rs73484607	G	-0.0827
rs117964220	T	0.1445
rs13296650	A	0.0625
rs12349156	C	0.106
rs7034434	C	0.0495
rs73393857	G	0.0874
rs71507690	T	-0.0939
rs77895351	A	0.1047
rs147632234	A	0.0998
rs55750783	G	0.2616
rs72732715	G	0.2205
rs11243889	A	-0.0296
rs7871291	T	0.0344
rs117259125	G	-0.1426
rs72705885	C	-0.0563
rs142413887	C	0.1817
rs35526825	A	-0.1029
rs11791194	C	-0.0497

rs10120153	T	-0.0405
rs79069977	G	0.1472
rs17539995	A	0.0374
rs117724171	A	0.0879
rs11103541	A	-0.0915
rs139215702	T	0.1396
rs56093903	T	0.0363
rs77528378	T	0.162
rs71481354	A	-0.0954
rs702207	T	0.0675
rs62578121	T	-0.1164
rs146235803	T	0.0897
rs7026342	G	-0.0309
rs13289974	A	-0.0381
rs117583444	G	-0.1411
rs10963773	C	0.0319
rs116935759	C	-0.0698
rs79520909	A	0.0918
rs62530966	G	-0.0282
rs7043900	G	0.0493
rs78300983	A	-0.1245
rs11794141	G	0.0346
rs141515918	A	-0.1797
rs4585803	A	0.0438
rs117519390	T	-0.0875
rs116846683	T	-0.1047
rs80272050	T	0.1421
rs77472908	G	-0.1868
rs72752327	T	-0.0843
rs138159580	T	0.2146
rs10760415	A	-0.0446
rs77193046	A	0.1271
rs2219143	A	-0.0446
rs1325150	G	-0.0451
rs6559836	G	0.0367
rs72753905	T	-0.1278
rs80127859	A	0.1853
rs116455621	A	0.1255
rs13293407	T	-0.1745
rs10114125	C	0.0295
rs118093064	T	0.1355
rs77664234	T	-0.0772
rs10963381	G	0.0815
rs114660830	G	0.1831
rs4271035	G	0.027
rs1167767	G	0.0281
rs73401999	T	0.1154

rs112453481	A	-0.0846
rs73503375	T	0.0448
rs80186035	A	0.1103
rs72729219	A	-0.0962
rs7855805	A	0.0285
rs142695379	A	-0.1644
rs4376551	A	-0.0272
rs73663030	G	0.1082
rs117638772	A	0.0618
rs4149316	T	0.0511
rs10977464	C	-0.0364
rs620073	C	0.0284
rs62551902	C	-0.067
rs17052425	A	-0.127
rs2297402	T	-0.1137
rs79610609	A	-0.1036
rs7852392	G	0.0398
rs17698657	A	-0.0416
rs78218769	T	-0.1437
rs34042135	T	0.0501
rs2800265	A	-0.0269
rs146875906	C	-0.0371
rs62529157	C	0.1319
rs14884	T	0.0554
rs10815530	C	0.028
rs35931893	T	0.0856
rs11794550	G	-0.0327
rs144773511	T	-0.1233
rs2135747	G	-0.1292
rs11790120	G	-0.1268
rs2800320	T	0.031
rs2779600	A	-0.0263
rs768225	C	-0.0291
rs75362316	T	0.1755
rs10491876	A	0.0401
rs1985069	T	-0.0418
rs12345504	T	-0.0423
rs1359167	G	0.0265
rs79923706	C	0.0843
rs34006868	G	0.0758
rs150901548	G	0.1507
rs7039360	C	-0.0273
rs13288659	C	-0.0542
rs12376409	T	-0.0479
rs77567806	C	-0.1586
rs116929691	C	-0.1294
rs1408325	T	0.0386

rs4742484	T	0.0427
rs140692225	C	0.0503
rs7047335	T	0.0322
rs12349870	G	0.1841
rs11103619	T	-0.073
rs846826	T	0.0738
rs76649715	A	0.0554
rs72742426	A	-0.0662
rs139352986	C	-0.1585
rs71496473	C	0.1661
rs117578218	A	0.0982
rs7032898	C	0.0926
rs62562965	G	0.1346
rs72734885	G	0.0545
rs117585997	A	0.1082
rs113918071	T	0.0916
rs117141880	A	0.1337
rs141650302	A	-0.1461
rs117975580	A	-0.1539
rs1887458	T	0.1422
rs57982967	A	0.0385
rs10739481	C	-0.0287
rs72721466	C	0.0998
rs967057	A	0.0275
rs13298738	A	-0.1078
rs56328143	C	-0.0282
rs35762762	G	0.0461
rs10988690	C	-0.0757
rs10963738	T	0.0276
rs7029146	A	0.0791
rs9284057	C	0.033
rs7046079	T	0.0917
rs151139080	A	0.1454
rs56107681	A	-0.066
rs142860035	C	-0.11
rs144749137	G	-0.1592
rs10992256	A	-0.1264
rs4977746	C	0.034
rs1888859	T	0.0272
rs306794	T	0.0537
rs59653715	C	-0.1113
rs663344	C	-0.0536
rs1575960	A	-0.0891
rs10967988	T	0.0261
rs139979398	C	0.0999
rs12344069	T	0.0873
rs35929653	G	0.0513

rs2937356	G	-0.0281
rs113105191	T	-0.2287
rs35365776	C	-0.0592
rs10435742	C	0.0621
rs11142062	T	-0.0452
rs139594970	C	0.1525
rs76997405	C	-0.0645
rs7856897	C	0.0264
rs76881789	A	0.1009
rs118044753	A	-0.2163
rs36131661	A	0.1485
rs117036820	A	-0.1707
rs471525	C	0.0503
rs79128372	C	-0.0857
rs10757443	C	0.0352
rs77499568	G	0.046
rs35692943	G	0.0446
rs10760280	C	-0.0268
rs12553073	A	-0.0946
rs13289308	C	0.0726
rs117282965	T	0.1003
rs77833053	T	-0.105
rs10988482	G	0.0731
rs16911932	G	-0.082
rs78525035	G	0.1513
rs7867176	G	0.0414
rs62563590	C	0.0548
rs117409347	T	0.1281
rs58532596	A	-0.0779
rs41381344	A	0.0801
rs148441986	A	-0.1188
rs13283250	C	-0.0282
rs10812606	T	-0.0358
rs10965428	C	-0.0459
rs3858084	T	-0.0352
rs73640956	C	0.0984
rs1249744	G	0.029
rs573379	T	0.0527
rs62563923	C	0.1291
rs7038011	G	0.0462
rs117600090	C	0.0842
rs13301220	T	-0.0882
rs141790428	G	-0.2347
rs10814586	G	0.0362
rs35119897	T	0.0928
rs118073347	G	0.1046
rs747363	T	-0.0285

rs140083671	C	-0.0615
rs10961541	A	0.0332
rs61739510	T	-0.0508
rs141120938	C	0.2438
rs498102	G	-0.0331
rs10971798	T	-0.1864
rs7044051	G	-0.0268
rs145926017	T	0.1898
rs17276232	T	-0.1263
rs1332521	G	0.0288
rs34317697	C	0.0482
rs1009259	G	0.0283
rs112389989	T	-0.1735
rs145668077	G	-0.1795
rs4742214	G	0.0277
rs701364	G	0.0273
rs74457645	G	0.0883
rs7848816	A	-0.0422
rs113238481	T	-0.154
rs10992863	A	-0.0297
rs6477543	A	0.0327
rs113446951	G	-0.0761
rs72741436	C	-0.0609
rs4486281	G	-0.0304
rs10816917	A	0.0319
rs10121775	C	0.0378
rs2761063	C	-0.0291
rs62572431	C	0.0637
rs12341647	G	-0.0824
rs79999252	A	-0.0894
rs117003640	G	-0.0951
rs2004177	G	0.0424
rs10974334	G	0.032
rs141153748	A	-0.1966
rs139994062	T	0.1766
rs117571036	G	0.1407
rs112847028	A	-0.0856
rs7860627	G	-0.0295
rs34526976	C	-0.0564
rs10970027	T	0.0718
rs10758122	C	-0.0333
rs117756831	A	-0.1958
rs147968306	A	0.1801
rs78435098	C	0.1098
rs10819425	C	-0.0593
rs72755182	C	0.0843
rs2210769	T	0.0431

rs1888794	A	0.1169
rs72744994	T	0.0331
rs7867853	T	-0.0357
rs114741563	C	-0.1793
rs73652645	C	0.1656
rs13440292	T	0.0348
rs7866486	G	-0.0458
rs12341759	G	-0.0272
rs41316534	G	0.1152
rs10989902	G	-0.0441
rs10816499	C	-0.03
rs138445508	G	0.1762
rs118040707	A	0.0708
rs112135607	C	0.111
rs146002508	A	0.1172
rs141633858	G	0.1322
rs117725963	C	0.1405
rs10975837	A	0.1233
rs35004720	A	-0.0546
rs10984568	A	0.0265
rs76837254	T	0.0414
rs7047988	T	-0.0343
rs55821647	A	-0.1906
rs78112418	C	0.1001
rs4604543	G	-0.0345
rs7025330	A	-0.0568
rs2381282	C	-0.0276
rs11794579	A	0.0261
rs296638	A	0.0357
rs78371528	T	0.0548
rs72739603	A	0.0518
rs10115369	T	0.0276
rs10815099	T	0.0271
rs113264455	G	-0.1865
rs7047348	C	0.0316
rs62575839	A	-0.0436
rs11795101	A	0.0494
rs4836797	T	0.0278
rs11142112	A	-0.029
rs10963536	T	-0.0844
rs75720701	T	0.0467
rs13297177	T	0.096
rs4878006	G	0.0304
rs1359990	T	-0.0265
rs2938883	A	0.0526
rs7023309	T	-0.0302
rs4481682	T	0.0356

rs2636873	A	0.0668
rs117030645	T	-0.108
rs1331885	G	0.0292
rs62546987	T	0.1545
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rs35654915	G	0.1135
rs79168492	A	0.0588
rs79082907	T	0.1789
rs76832360	G	0.1165
rs6474747	T	0.1059
rs1556493	A	0.0995
rs10816733	G	0.0291
rs147535368	C	0.1526
rs10081742	G	0.0449
rs73593676	T	0.2436
rs10733461	G	-0.0419
rs7022385	A	-0.0451
rs58334117	T	0.0619
rs1571855	C	0.0351
rs5000697	T	0.028
rs4548260	C	0.046
rs10980133	A	0.032
rs78461013	G	0.0534
rs143534338	G	0.173
rs72739164	T	-0.0772
rs62534802	A	0.0383
rs62570183	G	0.0643
rs117147267	A	-0.1289
rs139271806	T	-0.1354
rs2900373	A	-0.0314
rs12348623	C	0.1345
rs149324454	A	-0.1076
rs7855339	A	0.0373
rs10776936	A	-0.0314
rs4979009	G	-0.027
rs77023772	T	-0.0589
rs57864241	T	0.0569
rs1360133	T	0.0694
rs1981010	A	0.0392
rs75372811	G	-0.0516
rs117847889	T	0.1417
rs76792431	T	0.0798
rs1031110	A	-0.1559
rs945442	C	-0.0307
rs4504701	G	0.0323
rs35380914	T	-0.0554
rs72691740	A	0.1001

rs2499054	G	0.0466
rs10964323	T	0.0345
rs76191498	T	0.0727
rs4992497	C	-0.0288
rs76570602	A	0.0731
rs16909250	T	-0.0944
rs76354709	T	0.1044
rs7864621	C	0.0279
rs146786383	A	-0.1796
rs7863407	G	-0.0511
rs143842110	T	-0.1942
rs10980811	A	-0.0267
rs67634238	G	0.0272
rs1418509	A	0.0326
rs61150920	C	0.1506
rs76261771	T	0.1433
rs2182633	C	0.036
rs13296840	T	0.0552
rs144785861	A	0.1175
rs10811577	T	-0.0539
rs62574781	A	-0.1609
rs12553697	C	-0.058
rs117956774	C	0.0787
rs78184062	A	0.0827
rs4323566	A	-0.0648
rs117698812	A	0.1904
rs7869667	C	0.0533
rs17792105	T	-0.0349
rs4595175	C	-0.0308
rs75863753	G	-0.1223
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rs16909499	C	-0.078
rs17053329	A	-0.1029
rs34518363	C	-0.1606
rs113534562	G	0.0766
rs13288101	A	0.0495
rs12344200	A	-0.0828
rs10122775	T	-0.0281
rs4842074	A	0.0406
rs56848419	G	0.1214
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rs113711963	A	0.068
rs139783260	A	0.0526
rs17148812	G	-0.0506
rs147709205	T	0.1943
rs7029556	A	0.0319
rs10992480	T	0.0281

rs112091296	T	-0.1614
rs79890344	T	0.0886
rs79709509	T	0.0671
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rs117612278	A	-0.1833
rs1336466	C	-0.0335
rs56840271	A	0.0584
rs1410201	G	-0.0332
rs116959097	T	-0.2241
rs11794903	A	0.0326
rs143368221	A	0.0763
rs78029897	A	-0.102
rs118001274	G	-0.1033
rs12339024	C	-0.0271
rs150911187	T	0.1183
rs731217	A	0.0397
rs143438641	A	0.1543
rs34135179	T	-0.1066
rs2208710	G	-0.0561
rs138869623	C	0.1039
rs10817101	A	0.0375
rs144296191	G	-0.0654
rs1838431	T	0.0384
rs62541788	C	-0.15
rs77198048	T	0.0581
rs72743923	T	-0.1337
rs10975961	C	-0.0722
rs55973930	T	-0.0362
rs62543701	A	0.0269
rs75406784	A	-0.0855
rs7048602	A	0.1377
rs17495030	T	-0.03
rs10810133	G	-0.0273
rs62560420	T	-0.0611
rs4877078	A	-0.0306
rs13294885	A	-0.0283
rs7467398	A	0.0316
rs814683	T	0.0705
rs7862863	C	0.0295
rs10970244	T	-0.122
rs10814002	A	-0.0447
rs7852207	T	0.0435
rs78243926	T	-0.1412
rs77645701	G	-0.1549
rs112804834	T	0.1363
rs7871721	T	0.0595
rs12340784	A	-0.0607

rs149440768	T	0.1346
rs12352099	A	-0.0531
rs2805018	A	0.0315
rs3922914	C	-0.0362
rs7860714	A	0.0481
rs16909976	T	-0.0863
rs78984687	A	-0.0827
rs151040438	G	0.0754
rs72713592	T	-0.0643
rs35121702	A	-0.0651
rs72757067	G	-0.1565
rs147964814	A	-0.122
rs2258952	G	0.0381
rs10987083	C	0.0614
rs35697014	C	0.0891
rs77470853	A	0.0813
rs2183652	G	0.0531
rs116929495	T	0.0982
rs528374	A	-0.0266
rs11793707	C	0.0546
rs75290004	G	0.1375
rs12686606	A	-0.0275
rs75396223	G	-0.0979
rs7030564	C	-0.0541
rs41278655	A	-0.2064
rs77643237	A	0.0616
rs9777619	C	-0.1143
rs111781577	A	-0.0514
rs11794968	G	-0.0328
rs2277175	A	0.0361
rs79306632	T	0.1128
rs10121394	C	0.0365
rs7047186	C	-0.0295
rs28690293	A	0.0476
rs74488704	C	-0.1078
rs6477191	C	-0.0756
rs57014573	C	0.17
rs59592388	C	-0.0576
rs77024205	G	0.1511
rs144286741	A	-0.0946
rs117585170	A	-0.1236
rs117820712	T	0.1719
rs2151686	C	0.0498
rs1805312	G	-0.0604
rs1537510	G	0.029
rs9792531	C	0.0385
rs10964552	A	0.0383

rs7041973	A	0.0531
rs688807	C	-0.0275
rs117358107	A	0.124
rs117030920	A	0.1755
rs145874138	C	0.1028
rs150772610	C	-0.0685
rs34215208	T	-0.0344
rs824254	T	-0.0274
rs2376125	A	-0.0299
rs12551254	T	0.0294
rs7875489	G	0.0262
rs1113250	C	-0.032
rs7863020	C	-0.0255
rs148590796	T	-0.2193
rs7855989	G	-0.0745
rs148106760	G	-0.1791
rs10760631	C	0.0342
rs10963446	G	-0.2511
rs117342002	C	-0.0613
rs148955338	T	0.1298
rs10816743	C	-0.0288
rs954492	A	-0.0303
rs144653627	G	0.1031
rs118017519	A	0.1033
rs77290991	C	-0.1216
rs79446419	G	0.074
rs10119447	A	-0.0317
rs12005782	C	-0.0527
rs117845166	T	0.1048
rs12552291	T	0.0401
rs72614300	A	0.1413
rs72722862	T	-0.1303
rs10814130	A	-0.0655
rs1022749	C	0.0358
rs12555238	T	-0.0377
rs10960460	G	-0.0275
rs2150999	T	-0.0261
rs12236000	C	0.0474
rs2253502	G	0.0303
rs2229917	A	0.0513
rs71487711	A	0.039
rs148022924	C	-0.1469
rs62565788	T	-0.0749
rs640184	A	-0.0357
rs4740375	G	-0.0291
rs77665973	C	-0.1097
rs72725300	T	0.1315

rs649213	T	-0.0303
rs78500795	C	-0.0543
rs80264695	T	0.1218
rs80255914	G	0.1293
rs16930662	G	0.062
rs7028048	C	0.0258
rs78150282	A	-0.1037
rs150738141	C	-0.2335
rs118057579	A	0.0854
rs141110876	A	0.0721
rs62545867	A	0.0884
rs72711404	T	-0.1563
rs72762106	C	-0.0934
rs11788416	A	-0.0281
rs10867494	G	-0.0298
rs72743216	T	-0.1656
rs7862597	A	0.0406
rs10867328	T	0.033
rs10991850	T	-0.0511
rs10985609	T	-0.1057
rs368562	T	-0.0303
rs12342098	A	-0.0387
rs117950650	T	0.0656
rs1628249	C	-0.0262
rs1490741	A	-0.0286
rs10811191	A	0.163
rs7036474	A	-0.0363
rs71501618	A	0.1204
rs79628647	A	-0.1166
rs75565557	A	0.145
rs10811173	C	0.0712
rs471088	A	0.0557
rs9407925	A	0.0304
rs11787926	C	-0.097
rs17505573	G	0.1019
rs7861944	T	-0.0304
rs78014291	G	0.1027
rs7030939	T	-0.0277
rs2842474	A	-0.0251
rs138920174	A	-0.1146
rs148412578	A	0.1215
rs117378671	G	-0.1326
rs146934890	A	0.124
rs112102612	T	0.1631
rs111878168	G	-0.0826
rs74862728	A	-0.1044
rs79483557	T	0.09

rs118096318	T	0.1832
rs62570364	T	0.0321
rs113134012	A	0.0845
rs17057093	G	-0.0603
rs476038	G	-0.0252
rs72766233	C	0.0745
rs150857718	C	-0.1667
rs7851841	A	-0.0606
rs2778899	T	-0.0351
rs62577873	C	0.0365
rs72713801	G	0.0545
rs75143555	C	0.1285
rs13294241	C	-0.0806
rs11142821	G	-0.0544
rs10867781	T	0.0284
rs73375715	G	-0.063
rs10760652	T	0.0323
rs10970398	G	0.0352
rs10964749	G	0.0289
rs10511738	T	0.0316
rs117971190	T	0.0523
rs79090947	G	0.0634
rs117368969	A	-0.1367
rs9409643	G	0.0259
rs17080997	C	0.1214
rs60807666	C	-0.096
rs4836647	G	-0.032
rs944814	T	0.1424
rs700104	A	-0.1021
rs144525000	C	-0.1208
rs79534839	G	0.1257
rs12551412	A	0.0612
rs117707545	C	0.0972
rs55948650	G	0.185
rs17232558	T	0.0418
rs78886960	T	-0.0515
rs118056048	G	0.2055
rs145699316	C	-0.1741
rs10757741	T	-0.0391
rs73526779	T	0.1178
rs80147227	A	-0.1172
rs117437140	A	-0.0752
rs75542138	A	-0.0753
rs75654338	G	0.1185
rs10816625	G	0.0541
rs4578014	A	0.0339
rs117472385	A	0.1127

rs11143075	T	0.0373
rs77901133	A	0.0561
rs75653292	T	-0.0644
rs10809097	G	0.0365
rs148570479	T	-0.1773
rs113723730	A	-0.0932
rs10981072	T	0.0604
rs10776864	T	-0.0804
rs4744319	T	0.0526
rs10960834	G	0.0509
rs6477945	G	-0.033
rs117242820	T	0.1031
rs35897611	T	-0.0865
rs17580614	G	-0.0363
rs58433377	A	-0.1787
rs4623516	G	0.0318
rs117503669	C	0.0451
rs10811316	G	-0.0269
rs117764417	C	-0.1507
rs618439	A	0.0623
rs12555163	T	-0.0452
rs2150767	A	-0.0371
rs1578633	C	-0.0681
rs116904056	T	0.0776
rs10809154	A	-0.0358
rs72726057	T	0.1564
rs78810329	C	-0.1697
rs77633553	G	0.0853
rs7872276	G	-0.0407
rs117507236	A	0.1024
rs13288730	A	0.0854
rs781332	C	0.0939
rs117550890	A	0.1668
rs76680280	T	-0.0592
rs72690085	T	-0.0515
rs10958851	T	0.1207
rs10993286	T	0.029
rs28472890	C	-0.1431
rs4461955	T	0.0252
rs112271913	C	0.0949
rs61506114	G	0.0393
rs78575038	G	-0.1098
rs35941302	A	0.0589
rs11790600	A	0.2127
rs12005199	A	0.0312
rs7040943	C	0.0867
rs10816582	T	-0.0266

rs10982245	T	0.0798
rs10738378	A	0.0263
rs480442	C	0.0886
rs41423245	C	-0.0587
rs1760118	G	0.0277
rs16918616	A	0.0872
rs117842175	G	0.1599
rs1157836	C	-0.0257
rs118132366	C	-0.1708
rs9298780	T	-0.0389
rs76542827	A	0.1293
rs76452347	T	0.0615
rs10793910	C	0.1426
rs117596571	C	-0.097
rs4740592	T	-0.0397
rs12005591	A	-0.0449
rs11103569	A	-0.0343
rs116891913	C	-0.0616
rs6559435	G	0.0252
rs9330446	C	0.0264
rs2680196	T	-0.0538
rs16917205	T	-0.087
rs13285858	C	-0.0564
rs17821873	T	0.0414
rs11792314	C	-0.1589
rs117573231	A	-0.1059
rs145145488	C	0.2025
rs4743044	T	0.0259
rs72692417	A	0.1104
rs913358	T	0.0546
rs72723005	A	-0.0788
rs118147144	T	0.1828
rs7036407	T	0.0301
rs78213778	T	-0.2065
rs2297537	C	0.0358
rs10969031	T	-0.0326
rs145224392	T	0.1209
rs138816520	T	0.1438
rs753969	T	0.1077
rs145343417	T	0.0449
rs117467333	T	-0.0939
rs11141197	A	0.0479
rs72771926	G	-0.1459
rs72744937	G	-0.1309
rs111438539	A	-0.1591
rs78396209	G	-0.0629
rs4487884	G	-0.0475

rs2383683	C	-0.0454
rs117644227	T	0.105
rs7869488	G	-0.028
rs10511731	C	0.0453
rs74746968	G	-0.105
rs76962799	A	0.0882
rs7030086	C	0.0263
rs7040605	T	0.0371
rs62531531	A	-0.1113
rs78187466	C	-0.1074
rs35451522	A	-0.0803
rs2065414	A	0.1934
rs17546584	A	-0.0826
rs1220092	T	-0.0616
rs12002342	T	0.0564
rs13297936	G	0.0868
rs811457	C	0.0929
rs16934320	G	0.0455
rs61335982	T	0.0325
rs67023560	C	-0.0648
rs1343456	C	-0.0294
rs112204615	T	0.1128
rs11103119	A	0.0271
rs3008143	T	0.0484
rs7856084	C	-0.0255
rs11145002	C	0.0552
rs72768784	A	-0.1521
rs150150613	C	-0.1597
rs78777590	C	0.1147
rs11787645	A	-0.046
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rs117696854	C	0.1277
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rs117655650	C	0.0716
rs2208506	G	0.0598
rs12339968	G	-0.0335
rs73651385	C	-0.1576
rs950359	A	-0.0623
rs57762042	A	0.1233
rs141551739	C	0.1736
rs10978958	A	0.043
rs516542	A	-0.0316
rs74955144	G	-0.0861

rs35697751	T	-0.0408
rs16936745	C	0.0252
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rs2383475	G	-0.1545
rs13285633	A	0.0447
rs10811763	A	0.0267
rs138014351	A	-0.1269
rs9696698	G	-0.0548
rs140770179	T	0.1017
rs34885485	T	0.0341
rs59561185	G	-0.0363
rs7049139	G	-0.1419
rs78784687	T	0.0623
rs62563151	A	0.1019
rs78742138	C	0.0929
rs112373974	G	0.1182
rs10966238	A	-0.0301
rs36203854	T	-0.1105
rs62541546	G	0.043
rs78410811	C	0.0561
rs34399954	A	0.0967
rs149876480	G	-0.1117
rs10991257	A	-0.0278
rs139976806	G	0.1884
rs10811060	G	0.0288
rs391386	A	0.189
rs72769715	A	-0.1144
rs3780144	T	0.0481
rs10780614	C	0.0273
rs143469121	C	0.1822
rs10992937	A	0.0944
rs144650284	A	0.16
rs80067155	C	0.0843
rs56145554	T	0.1867
rs7851612	C	0.0509
rs59155241	A	0.1245
rs9886924	T	0.0296
rs10759304	T	0.0416
rs117041584	A	0.1061
rs56855717	A	-0.0331
rs11141343	G	0.2772
rs149536573	C	0.1266
rs35006287	G	-0.0682
rs145569006	A	-0.1035
rs117082735	T	0.1487
rs11556891	G	-0.0497
rs4443750	A	-0.0399

rs77063537	T	0.0746
rs4979352	A	-0.0428
rs77116376	G	-0.1231
rs944106	C	-0.0279
rs10988204	G	0.0283
rs12551002	C	0.0834
rs7866988	A	-0.087
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rs17441127	T	0.0736
rs476835	G	0.0338
rs10815874	C	0.0424
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rs203666	A	-0.1139
rs10121110	G	-0.0254
rs142755127	A	0.1247
rs10869402	C	0.033
rs2417332	T	-0.0253
rs117975087	G	-0.2757
rs2065467	T	-0.0264
rs10817128	A	-0.0262
rs716632	A	-0.0333
rs72730936	G	0.1006
rs7872900	C	0.0669
rs10964531	A	-0.0306
rs76806472	G	0.1515
rs10114716	A	0.0746
rs62577782	A	0.0898
rs77113574	A	0.1538
rs4451360	G	0.0276
rs1832746	G	-0.0377
rs78243697	A	0.1131
rs117377062	C	-0.1856
rs149102065	C	-0.2142
rs1334065	G	-0.0397
rs10733388	T	0.0261
rs72718863	G	-0.1926
rs11519	G	0.0321
rs10993121	T	0.026
rs377784	C	-0.045
rs59613598	T	-0.0885
rs12551975	T	-0.0368
rs117805075	A	-0.1218
rs4574921	C	0.0294
rs628947	G	-0.0298
rs10980606	C	0.0421
rs118104873	C	0.1516
rs76606214	C	-0.1594

rs76980420	G	-0.0766
rs1845637	T	0.0912
rs116943245	C	0.0653
rs13294454	G	0.0317
rs1934280	G	0.0323
rs2430872	C	0.0271
rs62564006	A	-0.0676
rs62563490	A	0.08
rs117790829	C	0.1373
rs1978747	G	0.025
rs148109664	T	0.1023
rs951777	T	0.0277
rs16936468	T	-0.0373
rs12551941	G	-0.1087
rs72735465	T	0.0404
rs58905559	T	-0.061
rs1959404	A	0.0247
rs10977994	G	0.0417
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rs544701	G	-0.0371
rs3780280	A	-0.0256
rs13291759	C	-0.0341
rs10809098	T	0.0318
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rs1360703	G	0.0405
rs62569695	G	-0.1712
rs296620	C	0.0311
rs116999134	T	-0.166
rs72702666	C	-0.0931
rs3824418	G	0.0358
rs1077760	T	0.0263
rs10983357	G	-0.0269
rs12340622	G	0.0251
rs17221145	T	-0.0343
rs117114999	A	0.1179
rs117606530	A	0.0631
rs34600804	G	0.0309
rs7041264	T	0.0274
rs117794573	C	0.0724
rs4745526	G	0.0662
rs10979269	C	0.0415
rs10821299	T	0.0343
rs1355141	T	-0.0326
rs11791630	A	-0.1112

rs61013104	A	-0.1365
rs62539062	A	0.0318
rs4961626	A	0.0265
rs145371735	G	0.1464
rs78642320	C	-0.0793
rs72699839	C	-0.1407
rs603924	C	-0.031
rs116855421	G	0.1227
rs10974606	G	-0.1165
rs17054874	T	-0.0486
rs143873122	C	0.1199
rs75204925	C	-0.0665
rs12551231	A	0.028
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rs13299558	G	0.0285
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rs147355980	T	0.0882
rs147456920	C	-0.1938
rs10969696	A	0.1225
rs62578122	A	0.1659
rs2809771	A	-0.1538
rs80079360	A	0.1115
rs1923421	A	-0.0393
rs598123	T	-0.0725
rs73424711	T	0.1457
rs74339334	A	0.0718
rs149276987	A	-0.1121
rs79575950	G	-0.0537
rs76433324	A	0.1195
rs12375805	C	0.1032
rs62570199	A	0.1249
rs2265520	T	0.0366
rs117959219	A	-0.0991
rs1805347	A	0.1064
rs58972194	C	0.0492
rs61749087	C	0.045
rs10816268	C	0.0784
rs138602325	T	0.0261
rs76771542	G	0.2545

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rs41311422	A	-0.064
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rs17709988	C	0.0448
rs78201771	C	-0.0788
rs76751704	G	-0.0842
rs9410320	G	-0.026
rs34887192	G	0.0426
rs2254070	C	-0.0351
rs9409210	T	-0.0257
rs10978761	T	-0.0381
rs9969783	A	-0.0262
rs75620665	A	-0.1342
rs10760901	C	-0.0291
rs10984224	T	-0.0287
rs60324053	A	0.0885
rs11243913	A	0.0425
rs117667584	T	0.1201
rs141396387	A	0.099
rs117832387	C	0.1912
rs7023699	T	-0.0314
rs2416701	C	-0.0433
rs35627592	A	0.0444
rs1776992	G	0.0383
rs140259215	G	0.1065
rs10972191	T	0.0869
rs4877042	C	0.031
rs35954601	T	0.0375
rs56272996	G	-0.0788
rs78665980	G	-0.0453
rs35992548	A	0.1667
rs12337714	C	-0.026
rs79920679	A	0.0672
rs9407761	T	-0.0302
rs75267730	C	0.0612
rs4877528	A	0.1388
rs149626569	C	0.1467
rs74426790	A	-0.0599
rs10818577	C	-0.0306
rs10491534	C	0.0405
rs113094843	G	-0.0436

rs74363364	T	-0.0527
rs10983600	T	0.0284
rs10858370	G	0.0297
rs576197	A	0.0993
rs9407406	T	0.0327
rs80220965	A	-0.1633
rs10756580	T	-0.0279
rs142612290	G	0.0981
rs10963506	G	0.0821
rs10811986	T	0.0345
rs7036619	G	-0.0772
rs149810183	G	0.1752
rs7041988	T	-0.0352
rs73464668	G	0.1117
rs10760929	A	-0.0302
rs13297271	A	-0.0844
rs117550806	A	-0.0927
rs3009706	T	-0.0258
rs17051989	G	-0.0773
rs774329	T	0.0506
rs61268824	C	-0.0727
rs12341406	T	0.03
rs12550920	T	-0.0976
rs138439001	A	-0.2062
rs10819456	T	0.0561
rs10125360	A	0.0998
rs2201127	C	0.0254
rs16916223	C	-0.0939
rs117685531	T	0.1048
rs139704762	A	-0.1045
rs7862571	C	-0.0252
rs72739295	C	-0.1203
rs77803163	G	-0.0509
rs117411055	G	-0.1427
rs10977835	T	-0.0376
rs118186402	A	-0.1476
rs10989177	A	0.0251
rs1014240	T	-0.039
rs117047407	T	-0.0682
rs112224959	T	-0.0898
rs150895382	A	-0.0629
rs112151809	G	-0.0992
rs79236808	C	0.0378
rs4237190	G	-0.0238
rs3109678	A	0.0501
rs41426847	C	-0.0712
rs1999391	T	0.0316

rs6597593	A	-0.0318
rs7024443	A	0.0398
rs62575444	C	-0.1322
rs75066598	A	0.0865
rs79808282	T	-0.0396
rs140094291	A	-0.1274
rs7864107	C	-0.0525
rs79484275	A	0.1735
rs1537192	T	0.0916
rs112131019	T	0.095
rs117343819	C	0.0993
rs12551452	C	0.0257
rs55670656	C	0.0384
rs12341993	A	0.0399
rs74900172	G	0.1817
rs35002229	T	0.1095
rs112436102	G	0.1678
rs113558270	C	0.0706
rs117346382	G	-0.1088
rs2575874	A	0.0316
rs112916382	T	0.1267
rs4332185	C	-0.0388
rs79926389	A	-0.0587
rs6476976	C	0.0286
rs80093294	A	-0.1575
rs11144483	G	0.0536
rs62577058	A	0.0297
rs34756986	C	0.0375
rs12380335	A	0.0811
rs10817686	C	-0.0298
rs148822397	A	0.1243
rs10962536	A	0.0758
rs10963198	C	0.032
rs117906992	A	-0.1045
rs12340792	A	-0.1196
rs143086622	T	-0.0929
rs2851696	C	-0.0258
rs2147064	C	-0.0254
rs56699313	T	0.0665
rs17183408	G	0.1109
rs4978003	C	-0.0425
rs57649467	A	0.0263
rs2049667	T	0.0468
rs62563491	T	0.0458
rs111324233	G	0.0685
rs55684457	G	-0.0871
rs11141502	T	-0.0265

rs17446500	C	0.0642
rs2493641	C	0.0645
rs4520237	G	0.0816
rs2519090	A	-0.031
rs10962693	T	0.0295
rs16936618	G	-0.0543
rs12553930	G	-0.0352
rs149692687	A	-0.1335
rs2889231	T	-0.0275
rs142937780	C	0.1118
rs61534549	T	-0.0378
rs558016	T	-0.0361
rs17743789	G	0.1713
rs2004549	C	-0.0299
rs75619159	T	0.1288
rs72693271	T	0.0839
rs13300035	C	-0.0279
rs10511937	A	0.0349
rs10818798	T	-0.0539
rs17408309	G	-0.1514
rs62576492	G	-0.0423
rs11506660	C	-0.0925
rs117439022	A	-0.2202
rs12685734	C	0.0281
rs522464	C	-0.0279
rs12348448	G	-0.0418
rs1250024	T	0.0238
rs76746402	A	0.0679
rs78870412	A	-0.096
rs139854962	A	-0.0675
rs78283362	C	-0.0579
rs523812	C	0.0261
rs10982611	G	-0.0239
rs118038180	T	0.0432
rs67723376	C	-0.0315
rs141047637	A	-0.1703
rs997392	G	-0.1671
rs10821576	T	0.0324
rs10812040	G	0.044
rs113594713	G	0.1688
rs10759346	A	-0.024
rs652313	A	0.0352
rs112898067	T	-0.1046
rs56119007	A	0.0967
rs143036732	A	-0.1169
rs9409201	C	0.0503
rs73449900	T	-0.0364

rs36009623	T	-0.028
rs62571829	T	-0.0537
rs10977424	A	0.0346
rs12377865	C	0.0521
rs79935360	A	0.0701
rs1319703	T	-0.0774
rs112494725	A	0.038
rs72715092	T	-0.116
rs13298097	C	-0.0312
rs7029545	C	-0.0256
rs113151584	T	-0.1198
rs4962050	C	-0.033
rs72708969	C	-0.0663
rs145015337	G	0.1403
rs1962229	T	-0.0423
rs2149370	T	-0.0236
rs72738287	G	-0.0324
rs1450192	G	-0.0301
rs3793526	T	0.0665
rs111992727	A	-0.1516
rs77830938	A	0.0638
rs74383043	G	0.0451
rs4837509	T	0.1365
rs7863055	G	0.0347
rs10961869	C	0.1057
rs78035398	G	0.1279
rs117662708	T	-0.1044
rs118172905	A	0.0818
rs888229	A	-0.0282
rs10858100	G	-0.0361
rs76261185	T	-0.1448
rs79101613	G	-0.0759
rs546044	C	-0.0485
rs71507386	T	0.105
rs9919066	T	0.0414
rs7849165	G	-0.0257
rs117405090	A	-0.1015
rs72703021	G	0.0341
rs77927363	A	0.0708
rs28516739	G	0.0351
rs62577454	C	-0.0765
rs6477099	A	-0.0443
rs10970157	T	-0.0354
rs111370447	T	0.104
rs988245	C	0.0264
rs145682250	C	0.1266
rs139814628	C	0.2072

rs10081686	G	0.0241
rs7873280	A	-0.0242
rs17429373	C	-0.1167
rs117036306	A	0.0774
rs150510793	G	-0.1316
rs7869598	C	-0.0588
rs12346579	G	0.0253
rs117323842	G	-0.117
rs146313556	C	0.1258
rs1509193	T	0.0335
rs11243896	T	0.0436
rs56076958	T	0.0358
rs75770610	C	0.0972
rs78939662	G	-0.1227
rs16937178	C	0.0617
rs11140079	T	0.0394
rs62563242	C	-0.0434
rs4742814	G	-0.0249
rs74667309	T	0.0773
rs10114998	G	0.0321
rs79268435	G	0.0643
rs79989262	G	0.0694
rs1329920	C	-0.0318
rs7033416	C	0.0276
rs10752657	A	-0.0255
rs10115460	C	-0.0243
rs76584252	G	0.1944
rs1043368	T	-0.035
rs78746136	T	-0.1797
rs74997806	G	-0.0963
rs148862528	T	-0.1004
rs2769594	A	0.0253
rs10124327	G	0.0243
rs142450117	C	-0.1287
rs111859821	C	-0.0809
rs117436211	C	-0.0606
rs10977617	C	0.0558
rs75504664	T	0.1131
rs10738297	G	0.0272
rs75156166	T	0.0421
rs674941	C	0.0239
rs72757871	C	0.1564
rs149120977	G	0.2351
rs137949005	G	-0.0925
rs73664359	A	0.0446
rs147524303	A	0.1124
rs76843843	T	0.0908

rs12555438	T	0.0514
rs72734325	A	0.1145
rs4743826	C	-0.1089
rs76028668	T	-0.0917
rs17692145	T	-0.0244
rs1861829	C	-0.0252
rs116861759	T	0.2142
rs10869252	C	0.0251
rs10810813	A	0.0303
rs10757898	G	-0.025
rs12001524	T	-0.1464
rs2233568	A	0.0253
rs34202541	G	-0.0777
rs117546647	G	0.0876
rs72711309	G	-0.0582
rs55772288	C	0.1519
rs112766165	G	0.1318
rs60269406	G	0.0571
rs306531	A	0.0332
rs7022583	C	-0.0446
rs9407361	G	0.0308
rs72738478	G	-0.0674
rs947126	A	-0.0254
rs11790874	A	-0.0384
rs17506543	G	0.0445
rs13296859	A	0.0358
rs142652232	C	0.1497
rs34589310	G	-0.0276
rs77079609	A	-0.1048
rs139192496	C	-0.0723
rs145097774	G	-0.1482
rs28669185	G	0.0503
rs79863888	T	0.0339
rs76277968	C	0.1646
rs72767751	A	-0.1038
rs17737081	A	0.0841
rs7847516	A	-0.0443
rs71523480	A	0.0716
rs11138135	C	-0.0545
rs117977115	T	0.0955
rs139794460	C	0.1198
rs4540491	T	-0.0461
rs7860431	T	-0.0318
rs2282181	C	0.1093
rs480866	C	-0.0333
rs56077544	A	-0.0389
rs17061821	T	-0.0791

rs116948085	A	0.148
rs7849107	G	-0.0263
rs4837763	T	-0.0293
rs6475441	T	0.0261
rs72715227	C	0.1155
rs76751642	G	0.1234
rs79585655	T	-0.0811
rs3750340	T	-0.0342
rs985799	T	0.0311
rs7029157	T	0.044
rs145092418	C	-0.1625
rs149341958	G	0.1913
rs71506776	T	-0.0629
rs2378711	C	0.0241
rs465208	G	-0.024
rs10739194	A	-0.0236
rs74380861	T	-0.0345
rs60259878	T	0.0451
rs148113073	A	0.1882
rs7867364	T	0.0356
rs72733233	G	0.0249
rs13288459	T	0.0355
rs116891570	A	-0.1218
rs10976628	A	0.0237
rs1597502	G	-0.0458
rs10961496	C	-0.0398
rs56988496	A	0.0394
rs75164537	C	-0.1586
rs12378553	C	0.0266
rs1416554	A	-0.0659
rs17237524	G	-0.1864
rs7029828	G	-0.0269
rs6476998	A	-0.0547
rs10124158	G	-0.0233
rs145251136	G	-0.1408
rs72716858	A	0.1314
rs148356396	G	0.1138
rs112542071	C	-0.1326
rs140325058	T	0.1132
rs576303	T	-0.0981
rs445684	A	-0.0609
rs2526	T	0.0982
rs71522984	A	0.0536
rs10993890	G	-0.0555
rs1519048	A	-0.0899
rs79043656	C	-0.1611
rs1114719	A	0.0328

rs33913111	G	0.0507
rs1930410	A	0.0274
rs11999235	C	0.0232
rs114238874	A	-0.0821
rs76016771	T	-0.0375
rs62533313	C	-0.0412
rs10976441	A	-0.0255
rs10115336	C	0.0301
rs73412345	G	-0.0816
rs67435368	T	-0.0294
rs75114678	G	-0.0905
rs148684364	T	0.1615
rs7872468	A	0.1216
rs34057980	A	-0.0535
rs967267	C	-0.0319
rs28535894	G	0.0407
rs542062	A	0.033
rs76200264	A	0.0701
rs189543	A	-0.0321
rs7854863	G	0.134
rs17149898	T	0.1243
rs117140907	A	-0.066
rs622418	G	0.0264
rs72736183	A	0.1132
rs36057127	A	0.1102
rs118166855	G	-0.1802
rs1999495	C	-0.0472
rs6477310	C	0.0263
rs117226086	A	0.0472
rs2383131	T	0.0249
rs10971064	C	0.0678
rs6560595	A	-0.0244
rs291005	T	0.0302
rs10987235	A	-0.0316
rs117226753	G	-0.1292
rs1590840	C	0.066
rs74703906	G	-0.0845
rs7862352	G	-0.025
rs10984724	A	0.0773
rs79791796	A	-0.0543
rs55697116	T	-0.045
rs118073780	A	0.1116
rs79836695	A	0.1766
rs716076	A	0.0318
rs10816788	A	0.0458
rs7044799	T	-0.0274
rs143506720	A	-0.122

rs112250914	T	-0.1066
rs7036539	T	-0.0248
rs11140035	C	-0.0994
rs7038037	G	-0.0239
rs79486816	T	0.1185
rs146291167	A	-0.1462
rs17441225	T	-0.0587
rs7020021	T	-0.0263
rs12347186	C	-0.1538
rs79123898	T	0.1291
rs62537692	T	0.0507
rs1402792	G	-0.0255
rs117059072	A	-0.137
rs11138320	G	0.0241
rs113322795	G	0.1243
rs7035514	G	-0.0316
rs1125873	A	0.0242
rs12490775	T	-0.1338
rs138576568	T	-0.0902
rs4745285	G	0.0328
rs138522238	G	0.136
rs76910889	G	0.109
rs62549796	T	0.0485
rs62559209	A	0.0907
rs62565120	T	-0.0472
rs11138447	G	-0.0274
rs7873284	G	-0.0267
rs12551666	C	-0.0453
rs151129137	A	-0.1148
rs78673297	C	-0.1744
rs77898768	T	-0.0879
rs1825397	T	-0.0508
rs10977173	C	0.0322
rs4879612	T	0.0501
rs7853904	G	-0.0245
rs116955675	A	0.0571
rs10973973	T	-0.0421
rs74605170	A	0.1695
rs4745434	T	-0.0242
rs144225782	T	0.101
rs4317628	C	0.0415
rs112797848	G	-0.0992
rs4842236	T	0.0257
rs10812062	A	-0.0262
rs150448407	T	0.2124
rs5003830	C	0.1296
rs77520849	T	0.0656

rs117951876	T	0.0843
rs998369	C	0.0349
rs79172070	C	0.0702
rs6475339	T	0.0282
rs117392655	C	-0.0819
rs4518727	G	-0.0401
rs62539932	A	-0.0889
rs4409473	T	0.0258
rs11145437	A	-0.0941
rs7864558	A	0.0303
rs72698071	T	0.0888
rs78714729	C	0.1474
rs2757859	C	0.0295
rs10491829	T	0.0384
rs112919122	A	0.0837
rs378628	C	-0.0364
rs74621663	T	-0.1
rs138241476	T	-0.1029
rs75527174	A	-0.0846
rs17658489	C	-0.039
rs13292756	A	-0.0901
rs57332343	A	0.0943
rs10815059	C	-0.0311
rs10758650	A	-0.0252
rs76216206	T	0.0911
rs78584811	C	0.1181
rs55818506	T	0.1461
rs62576224	A	0.1138
rs7030628	T	-0.0235
rs681470	G	0.0355
rs138628034	A	0.1261
rs55952607	C	0.0551
rs10960756	A	0.1342
rs296618	G	0.058
rs10987245	C	-0.0614
rs869106	A	0.0351
rs4478633	T	-0.0229
rs11140405	C	0.0326
rs2417171	C	-0.0372
rs80231042	A	0.0581
rs111401646	T	0.092
rs144944060	A	0.0884
rs147995873	C	0.1225
rs13296652	C	-0.0275
rs62583812	A	0.066
rs75619970	T	-0.0954
rs113629995	C	-0.0711

rs994779	A	0.0463
rs759279	T	0.0526
rs66650617	T	0.0771
rs10869586	G	-0.0377
rs149141360	A	0.0679
rs34209214	A	0.0824
rs114997615	G	0.0584
rs76131961	G	0.0774
rs303617	T	-0.0343
rs140030193	T	-0.1294
rs17547673	C	0.0424
rs2025319	A	0.0391
rs10810942	A	0.0296
rs111662600	A	-0.1111
rs7041597	G	-0.0277
rs4961576	T	0.0282
rs11138284	C	0.0987
rs72741538	G	-0.0753
rs117613795	G	0.2073
rs79432625	T	0.112
rs4962183	A	0.0259
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rs7865992	G	0.0228
rs57320259	G	-0.0913
rs10114938	A	0.0253
rs145027798	G	0.1216
rs117459446	C	0.1293
rs1805343	G	0.0243
rs146274605	C	0.2611
rs1808749	A	0.0234
rs142785645	C	0.115
rs116897696	A	-0.087
rs143114574	G	0.1136
rs10964691	G	-0.0353
rs10869686	A	0.0382
rs12348961	A	-0.1932
rs117500277	G	0.1568
rs1410579	A	-0.0448
rs141150326	A	-0.0363
rs2008074	C	-0.0372
rs7855365	G	0.0712
rs10758078	T	0.0247
rs12342339	G	0.1569
rs17292372	G	0.0339
rs11793482	G	0.0691
rs73396010	T	0.0908
rs138877558	A	0.1028

rs72700508	T	0.111
rs1571907	G	-0.0373
rs2147245	A	-0.0638
rs112767938	G	-0.1087
rs143842848	T	0.0998
rs139642495	C	0.1013
rs116969817	T	0.0741
rs3780528	C	-0.0328
rs12551024	C	0.0278
rs7023001	C	-0.0327
rs10818462	C	0.0284
rs78791620	A	-0.0587
rs62567973	G	0.0254
rs78200449	T	0.099
rs142398999	T	-0.1313
rs2760038	A	0.111
rs117913604	T	0.138
rs10993837	C	0.0326
rs10975949	A	0.1064
rs7022932	A	-0.165
rs9409842	A	0.0336
rs716157	T	0.0245
rs11139154	C	-0.0264
rs35337681	A	0.0276
rs118109186	T	-0.1196
rs16918665	G	-0.0782
rs36041012	T	0.093
rs4142436	T	0.0415
rs12347965	G	0.0408
rs117731478	T	-0.1152
rs7848170	G	-0.0405
rs4743123	T	-0.0245
rs932998	T	0.0377
rs117552524	G	0.1063
rs10984561	T	-0.0623
rs7031910	T	0.0487
rs10980448	C	0.0406
rs149469357	G	0.0608
rs10868695	A	-0.123
rs79169883	T	0.1476
rs12235387	A	0.036
rs10980692	T	0.0941
rs76402051	A	-0.0645
rs112296696	A	0.076
rs7854413	C	0.0398
rs6475046	G	0.0239
rs1452333	C	0.0276

rs76149640	C	0.1025
rs55738727	A	0.0457
rs116160313	T	0.054
rs10991109	A	-0.0317
rs4836708	G	-0.0251
rs7863227	T	-0.0304
rs117752200	C	0.1159
rs4978688	A	-0.0285
rs13288336	G	-0.074
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rs72773723	T	-0.0714
rs1571834	A	0.0241
rs12005620	T	-0.025
rs1796976	G	0.0302
rs34386249	G	0.1122
rs75825766	C	-0.1026
rs10118877	A	0.0826
rs2515618	T	0.0267
rs7873274	C	-0.0376
rs117523897	T	-0.1069
rs117490999	A	-0.1262
rs10491737	T	0.0919
rs7043791	G	0.0325
rs117193995	C	-0.0995
rs74649008	T	-0.0885
rs1490743	T	-0.0493
rs79034296	G	0.0859
rs117854477	G	0.1126
rs3936899	G	-0.0365
rs117653408	A	0.0849
rs74810039	G	-0.0563
rs9408071	A	0.0227
rs12236014	C	-0.031
rs882728	G	-0.027
rs10982123	G	-0.0403
rs11103571	A	0.0298
rs118121949	C	-0.0594
rs17698273	G	-0.0714
rs114632269	A	-0.164
rs118028807	C	0.103
rs7020436	C	-0.1688
rs139627227	A	0.1325
rs72708349	G	0.05
rs147764631	A	0.1336
rs150301396	A	-0.0629
rs7027174	G	-0.0651
rs3758294	C	-0.0306

rs12554704	C	0.0368
rs7469509	G	-0.0857
rs7019163	T	-0.0317
rs2073817	T	-0.0243
rs2383043	T	-0.0429
rs960617	T	-0.0398
rs12346763	T	0.0277
rs893058	A	-0.0935
rs78670941	G	0.1228
rs7852999	G	-0.0243
rs1816366	T	-0.0242
rs67751791	T	0.0707
rs12380321	C	0.0517
rs10971708	A	-0.0445
rs148922045	A	-0.11
rs76129881	C	-0.0859
rs138212791	G	0.0796
rs56276347	C	-0.1698
rs76776560	C	0.042
rs601370	G	0.027
rs17739929	C	-0.0458
rs62550691	G	-0.0251
rs71508681	T	-0.0689
rs141732686	G	-0.0954
rs12336229	A	0.0696
rs118005735	A	0.1441
rs4877170	C	-0.0269
rs7024683	A	0.0624
rs16914253	G	-0.047
rs11793901	T	-0.0299
rs10982331	A	0.0264
rs7026151	C	-0.0443
rs17417575	T	0.1425
rs117898406	G	0.1629
rs750548	C	0.0252
rs62541769	A	-0.0857
rs73476535	T	0.0555
rs62559776	G	0.1486
rs62578128	T	0.0809
rs13289509	G	-0.0522
rs9410446	A	0.0572
rs585819	C	0.0268
rs112455073	G	-0.0834
rs77776831	A	-0.1063
rs117878284	C	-0.1013
rs56827419	T	0.0759
rs10868559	A	-0.0272

rs77347741	A	-0.0517
rs34711283	C	0.0436
rs142998360	C	0.1259
rs7847889	T	0.0259
rs80325399	T	-0.1413
rs9406961	A	-0.055
rs143904640	T	0.093
rs72687595	C	-0.086
rs118101707	C	0.12
rs34369473	G	0.1061
rs13286807	T	0.0938
rs35258395	C	-0.0285
rs116238784	A	0.0491
rs1810887	T	0.0245
rs17787449	A	-0.0482
rs77709055	A	-0.1077
rs4741797	A	0.0235
rs138245950	A	-0.1606
rs76740791	T	0.1111
rs139679618	T	0.156
rs143789994	G	-0.1205
rs944958	C	-0.0789
rs17590562	C	0.174
rs74836148	T	-0.0916
rs10988346	A	-0.0273
rs578430	T	0.0747
rs1013334	G	-0.0282
rs10121357	G	0.0339
rs17642118	G	-0.065
rs10114013	A	-0.0288
rs4484759	C	0.0303
rs348463	C	-0.0265
rs138463694	C	-0.1348
rs78278610	C	0.1453
rs7040642	G	0.0254
rs7874622	G	0.0291
rs6597655	T	0.0368
rs117868203	T	0.0902
rs13298137	T	0.0906
rs74409646	T	-0.0652
rs10320	A	-0.049
rs1413364	G	0.0665
rs10513300	C	0.0528
rs998188	T	-0.0445
rs1754073	T	0.0232
rs76415695	A	0.1006
rs17215796	G	-0.0351

rs76334434	T	0.1775
rs149009150	C	-0.099
rs72732694	A	0.0636
rs9299268	C	-0.0421
rs41297217	A	0.0701
rs79720540	C	0.051
rs10982071	G	0.0292
rs10514837	T	0.0263
rs10491912	C	-0.0909
rs7861569	A	-0.0406
rs2297354	C	0.114
rs117581999	G	-0.1303
rs118107566	T	-0.1032
rs628873	T	-0.0436
rs80346627	G	-0.0494
rs71504586	A	-0.0333
rs118133927	T	-0.1874
rs10512115	C	0.0664
rs328876	T	-0.0224
rs80151777	T	-0.0568
rs73656415	T	0.116
rs2039326	C	-0.0277
rs2808705	T	-0.0287
rs7870769	G	0.0412
rs7037107	T	0.0422
rs1044531	C	0.0418
rs113550267	A	0.1245
rs150995179	C	-0.0982
rs11788668	T	0.0554
rs16938228	C	0.1085
rs6559616	G	0.0239
rs10816547	T	0.0307
rs117787445	T	-0.1593
rs913415	C	-0.0233
rs143319204	C	-0.1279
rs7043356	A	0.0279
rs12343735	G	-0.0921
rs9299011	A	-0.0305
rs4552996	C	-0.0602
rs28420206	C	0.1014
rs7022582	T	0.0271
rs74370948	G	-0.0794
rs113844804	T	-0.0665
rs55744221	T	0.0788
rs10756029	T	-0.0262
rs7857137	G	-0.024
rs117394525	G	-0.0927

rs12550895	A	-0.0812
rs71509819	A	0.0878
rs112806449	A	0.1577
rs118141428	C	-0.1251
rs149554236	T	-0.1194
rs112610155	T	-0.1118
rs4979349	T	-0.0241
rs72693914	T	0.1998
rs35870372	A	-0.0262
rs73423204	G	-0.1515
rs118080256	C	0.139
rs7869506	T	-0.0249
rs12237760	C	-0.0308
rs10966659	T	-0.0257
rs999398	T	0.0246
rs10125467	A	0.0448
rs117697037	T	-0.1217
rs117089147	G	-0.1039
rs75548603	A	-0.0941
rs10990106	C	0.0304
rs7023851	A	0.0277
rs7871741	G	0.1162
rs4744878	A	0.0281
rs10121981	T	0.0293
rs7042624	C	-0.0429
rs117322910	A	0.0527
rs10976265	G	0.0378
rs3750420	T	-0.0262
rs10733311	C	0.0506
rs117226256	C	-0.1234
rs111957450	T	-0.0787
rs62570789	T	0.0317
rs77236853	T	-0.1314
rs79597889	A	0.1064
rs466347	C	0.061
rs13292819	A	-0.0358
rs4128120	A	-0.0733
rs72718995	A	-0.0704
rs41279065	A	-0.1185
rs143995315	T	0.1062
rs80233584	T	0.0563
rs11788284	C	0.0527
rs932760	A	0.0469
rs56191840	T	0.1004
rs10512219	G	0.0299
rs11789430	A	-0.0251
rs702128	C	0.0851

rs62556318	G	-0.083
rs1324462	T	-0.0238
rs10816948	T	0.0378
rs2296261	T	-0.0557
rs34498325	C	0.0238
rs17779800	A	0.0277
rs4917332	A	-0.0264
rs78547087	A	0.067
rs75193102	C	0.0647
rs34267328	C	0.064
rs2779726	T	-0.0625
rs6537981	T	-0.0973
rs12379845	G	0.0642
rs356146	T	-0.0391
rs72711410	G	0.0819
rs16906228	C	0.0992
rs9785186	C	-0.0277
rs17657922	A	-0.0892
rs10963752	T	0.0522
rs117744783	T	-0.1375
rs58075154	C	0.023
rs61254203	G	-0.0726
rs17792298	C	-0.0826
rs9657707	G	0.0845
rs74709654	C	-0.0589
rs4977818	G	-0.0271
rs11143541	T	0.0229
rs113465500	C	-0.1078
rs7021198	G	-0.0647
rs80072503	G	0.0872
rs9406627	T	-0.0311
rs13286637	C	-0.0578
rs734469	T	-0.0276
rs9918949	C	-0.0918
rs72737145	A	0.1957
rs6559879	T	-0.1017
rs10809956	C	0.0466
rs149218377	A	0.108
rs958108	A	0.1075
rs74306989	A	-0.0329
rs12347113	A	0.0279
rs79438900	A	0.0848
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rs1332485	C	0.0246
rs62541991	T	-0.0976
rs138906390	G	0.1477
rs75941999	A	0.0664

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rs1467792	A	0.0226
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rs117792726	A	0.0826
rs10965745	T	0.1118
rs72754711	T	-0.213
rs12554667	T	-0.0248
rs12550997	C	-0.027
rs72752433	T	0.0655
rs10987575	T	-0.029
rs117650242	A	-0.0867
rs117580016	C	0.0911
rs10491766	T	-0.0551
rs35823938	C	0.0901
rs78892713	T	-0.1507
rs112059209	T	-0.1189
rs9886702	C	-0.0263
rs78114755	T	0.1012
rs10816924	T	-0.0438
rs4842181	G	0.0246
rs117355415	T	-0.1147
rs140004182	T	-0.12
rs35028373	T	-0.0963
rs139924166	T	-0.1367
rs144598681	A	0.0783
rs79978263	A	0.1035
rs2889952	T	0.0264
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rs116889581	T	0.0701
rs13284407	T	0.0314
rs139894760	T	-0.0632
rs2993755	G	0.1525
rs117435874	T	0.1031
rs62559832	G	-0.0816
rs13440094	T	-0.0305
rs117591210	C	0.1159
rs2987365	A	0.0258
rs17768428	T	-0.0303
rs75733144	G	0.1724
rs7028550	C	-0.0228
rs17605754	A	0.0279
rs11794493	A	0.1058
rs679007	T	0.0373
rs17828717	T	-0.0621
rs883104	G	0.1283
rs192650	A	-0.0228
rs10978865	T	0.06

rs148776151	A	0.1174
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rs4527981	T	0.0392
rs74933936	C	-0.0337
rs4615688	G	0.0281
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rs5025470	T	0.0401
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rs13301186	T	0.0247
rs78721753	G	0.0499
rs10982470	T	0.0446
rs150960816	A	-0.1094
rs117638067	A	-0.1059
rs10125041	A	-0.1647
rs10973856	T	0.0241
rs72692731	C	0.0435
rs4317645	G	-0.1393
rs80144911	T	0.0669
rs7874698	A	0.0237
rs10760583	T	0.0258
rs4842190	T	0.0226
rs76437548	T	0.1588
rs5789	A	-0.0669
rs79356775	G	0.098
rs117433635	A	-0.1239
rs9314736	G	0.0314
rs72706213	T	0.0361
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rs55727303	T	0.1526
rs146029718	G	0.1028
rs139327156	A	0.1464
rs74741740	A	-0.0569
rs62573998	C	0.0732
rs35484290	G	0.0229
rs147738503	T	0.0638
rs12340428	C	-0.0319
rs2013941	A	-0.0288
rs10122741	A	-0.0236
rs2180940	C	0.0228
rs12684823	A	-0.0317
rs11103127	T	-0.0233
rs11794482	T	0.122
rs141321472	T	-0.0928
rs1333892	T	0.0644
rs10983842	C	0.0289
rs117734440	C	0.0762
rs4744814	G	-0.0285

rs77435973	A	0.0654
rs72759424	A	0.1185
rs113353630	T	0.1211
rs61602652	C	0.1042
rs10966509	T	0.0928
rs148481071	A	0.1871
rs73572602	A	-0.1776
rs2382493	G	0.0969
rs72755964	A	-0.0817
rs9695055	G	0.0614
rs112582750	T	0.0873
rs3739890	A	0.0223
rs116851591	G	0.0574
rs6477134	A	-0.0249
rs112765295	A	-0.0954
rs74808093	T	-0.0658
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rs13296149	A	-0.0503
rs78154521	C	0.1418
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rs12236622	A	-0.1242
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rs13287543	A	0.0329
rs10738414	T	0.0468
rs141098460	T	-0.1013
rs7035933	T	0.0325
rs117872013	T	0.1188
rs4877210	G	0.0726
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rs1332459	T	0.0267
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rs117586430	C	0.1872
rs117455280	G	0.1294
rs10819135	T	0.064
rs4836576	A	0.0699
rs10760911	A	0.0239
rs117275590	A	-0.0744
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rs10983103	G	0.0517
rs78130223	G	-0.1015
rs10818631	T	-0.0282
rs16929957	A	0.0408
rs75156434	T	-0.0989
rs150147591	G	0.107
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rs75727796	A	0.0355
rs1991566	G	-0.0248
rs10123413	G	0.0415
rs10512353	G	0.0369
rs78973310	A	-0.0625
rs4842079	G	-0.0453
rs75592094	T	0.0804
rs72727244	C	0.0915
rs157109	T	0.0389
rs10867162	G	-0.0254
rs4240417	G	-0.0252
rs17179289	C	-0.0596
rs73572541	T	0.0488
rs10818456	T	0.0879
rs1162608	G	0.0246
rs77565912	T	-0.2549
rs10869597	C	-0.0235
rs55737841	A	-0.0373
rs75123768	A	0.1008
rs10965291	G	-0.0386
rs76378991	G	0.0869
rs3011258	T	-0.0225
rs12377384	G	0.038
rs72732095	T	-0.1872
rs2281937	A	-0.0219
rs143024039	T	-0.0874
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rs138336817	G	-0.12
rs117642564	G	0.1394
rs12345495	T	0.0374
rs142688951	G	-0.1686
rs10978855	T	0.0652
rs10811011	G	-0.0234
rs140607067	G	0.196
rs6476619	T	-0.0222
rs7038418	G	0.0673
rs112858117	A	0.1296
rs10989525	G	0.0234
rs6479300	T	0.0889
rs73553151	A	-0.0467
rs72766607	G	0.1369
rs2655056	A	-0.0222
rs16917501	A	0.0471
rs117221569	A	-0.1054
rs13293008	A	0.0626
rs117622879	C	0.0705

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rs140346062	A	-0.1292
rs715243	A	0.0227
rs16923950	A	-0.0288
rs28753744	G	0.0977
rs16912035	A	0.0415
rs117324366	T	-0.0938
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rs7021711	C	0.0284
rs6475358	C	-0.0223
rs4067304	C	0.1323
rs4610857	T	-0.0309
rs61132577	C	-0.0322
rs1274728	T	-0.0276
rs67297747	T	0.0362
rs80260796	C	0.0928
rs59626663	C	0.0706
rs80211576	T	-0.084
rs113611522	G	0.0933
rs558097	G	-0.0228
rs11141916	A	-0.21
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rs77178878	C	-0.0524
rs116977033	T	0.0835
rs10961919	T	0.1623
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rs72767809	A	0.1411
rs66693714	A	-0.0342
rs12341400	A	0.0469
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rs62578006	G	0.0259
rs62570801	T	0.106
rs116915975	A	0.1577
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rs72739027	A	0.0319
rs77709855	A	0.0616
rs80224084	A	-0.1297
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rs55808543	G	0.0853
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rs7848632	C	-0.032
rs116842138	C	-0.1545
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rs11139950	T	0.046
rs7852494	T	-0.0775
rs11140164	T	0.0314
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rs75035022	T	-0.0895
rs12348506	T	-0.1692
rs79990996	C	0.0708
rs143022547	G	-0.1
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rs80050802	C	0.093
rs542859	T	0.0241
rs17369944	C	0.0975
rs148547824	T	-0.0652
rs144653992	G	0.1276
rs2567712	G	0.0283
rs144381264	T	0.093
rs75114000	T	-0.0381
rs117345731	G	0.0853
rs11141774	T	-0.0272
rs4149279	A	-0.0294
rs143858410	A	0.1444
rs10975041	G	0.0343
rs495490	G	-0.0363
rs7029429	A	-0.024
rs62577474	C	-0.0425
rs76962699	T	-0.074
rs117141248	A	-0.0657
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rs117394675	A	0.1195
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rs11998820	T	0.0764
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rs3011261	G	0.032
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rs7870418	A	-0.0402
rs78789436	T	0.0862
rs7040543	C	0.0279
rs148934806	C	-0.1522
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rs28581351	A	-0.0591
rs11788824	T	-0.1016
rs17303364	G	0.1373
rs62549788	G	0.0238
rs1865438	G	-0.0224
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rs10966474	G	-0.0447
rs7035765	T	-0.1219
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rs112318792	T	0.151
rs117042323	T	-0.05
rs113071241	C	-0.0996
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rs72697480	A	0.0331
rs12237963	C	0.1395
rs4740668	G	-0.0225
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rs315694	T	-0.0242
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rs148542066	A	-0.0941
rs4740665	G	0.03
rs1412272	T	-0.0314
rs140944302	G	-0.1745
rs10985788	T	-0.1273
rs1185742	C	0.0303
rs62578232	A	-0.0317
rs74742617	T	-0.0562
rs913585	C	-0.0424
rs145478514	T	0.0993
rs10980854	A	0.0452
rs13286569	A	0.0956
rs117172881	G	-0.1513
rs75969028	T	-0.158
rs10781224	C	-0.0341
rs1327355	T	0.0369
rs78843156	G	0.1222
rs25692	A	0.0314
rs117322666	G	0.0734
rs670205	A	0.0223
rs13301509	T	0.129
rs820503	A	0.0306
rs10811627	C	-0.0531
rs10961613	A	-0.0447
rs72696023	G	-0.0931
rs1332912	G	-0.0284
rs9410809	A	0.0281
rs10867884	T	-0.0227
rs111371753	A	0.0369
rs144834290	A	0.0834
rs10817254	T	0.0357
rs151183821	C	-0.0871
rs61072067	T	-0.035
rs17650729	G	-0.0952
rs56324220	A	0.0647
rs34115244	T	0.0896
rs2766984	T	0.0233
rs62531726	A	-0.088
rs10959203	C	0.0747
rs12338996	C	-0.076
rs150376078	C	-0.1805
rs11999713	A	-0.0467
rs12002851	G	0.0373

rs62563278	C	0.0387
rs10820742	G	0.0242
rs700124	A	0.1795
rs10118904	A	-0.0219
rs13298327	C	0.0271
rs117807929	C	0.112
rs7023656	C	-0.023
rs149048163	A	0.1222
rs117620755	G	0.0765
rs77053901	T	0.0466
rs11140778	T	-0.0306
rs13293521	A	-0.0274
rs141683396	C	0.0938
rs78329276	A	-0.1299
rs4979309	T	-0.0373
rs2900574	C	-0.0245
rs10964396	G	0.0262
rs768694	G	-0.031
rs117278442	A	0.1282
rs145604421	T	-0.0995
rs7854641	C	0.0572
rs117265170	T	0.1128
rs11790849	G	-0.0249
rs10814991	T	0.0247
rs4977464	C	-0.0329
rs11790765	C	0.0515
rs117535964	A	0.1304
rs4744378	A	0.0214
rs669443	T	0.0238
rs1360547	A	0.0235
rs13285568	C	0.0281
rs11793819	T	-0.1213
rs1413297	G	0.0263
rs71507580	A	-0.0914
rs172862	C	0.0223
rs111889142	A	-0.0391
rs7021925	A	-0.0287
rs56101614	A	-0.0442
rs10817411	C	-0.0294
rs13284587	A	0.0261
rs6474771	G	0.0214
rs7027515	C	-0.0219
rs74350003	G	-0.0394
rs1061767	A	-0.0286
rs75498376	T	0.1028
rs7018799	A	0.0449
rs77518798	G	-0.086

rs78005099	A	-0.1514
rs12376074	A	0.0654
rs117749780	T	-0.1824
rs4740355	G	-0.0233
rs75413936	C	0.1886
rs10124267	T	0.0298
rs117521381	A	0.1399
rs11792137	T	-0.0737
rs12347608	A	-0.0472
rs2063279	A	-0.0265
rs117303912	A	0.1246
rs10781387	A	0.0312
rs17257879	T	-0.0303
rs4647511	G	0.1214
rs144293282	T	0.1589
rs3827677	T	0.0231
rs9407384	G	-0.0283
rs10511746	G	0.0333
rs7862396	C	-0.0473
rs58538273	T	-0.0552
rs7857609	G	0.0794
rs75605786	T	0.0882
rs10966253	C	-0.0384
rs76385277	C	-0.0864
rs72743131	G	0.0352
rs72740377	C	-0.0335
rs7870888	A	0.0277
rs147668786	T	-0.0556
rs1986141	A	-0.0246
rs10958819	T	0.0475
rs116915510	G	-0.0675
rs74742406	A	-0.1274
rs75084395	G	-0.0505
rs76142582	G	0.1069
rs146112045	T	0.0851
rs2275782	G	0.0319
rs141629142	T	0.1226
rs12555837	T	0.0288
rs11143795	T	0.0256
rs144120615	T	0.069
rs357565	A	-0.0292
rs72692756	C	0.1064
rs111328295	A	-0.136
rs139684883	T	0.1112
rs666814	C	0.0241
rs79354071	A	0.0921
rs10780347	C	0.0229

rs150908459	C	0.1727
rs117383976	T	0.0832
rs17054472	G	-0.0428
rs12352462	A	-0.0389
rs2255755	A	0.0238
rs12342110	C	0.1512
rs141214122	C	-0.0888
rs73659570	C	0.0497
rs61611876	T	0.1048
rs62570036	A	-0.0387
rs1415621	A	0.0412
rs62577777	T	-0.0394
rs144609290	T	0.094
rs10984398	A	-0.0294
rs4618782	A	0.0221
rs143602420	A	-0.0987
rs138997186	A	-0.0731
rs149104432	A	0.1004
rs71501137	C	-0.0962
rs111904098	C	-0.0795
rs16928316	G	0.0461
rs7864996	C	0.0281
rs36211348	G	0.0804
rs2297405	C	0.0452
rs111935030	G	0.1655
rs10990525	G	0.0307
rs12335638	A	0.0427
rs79307584	G	0.0983
rs10816421	T	0.0214
rs11142600	G	0.0528
rs11144672	T	-0.063
rs7029708	A	0.0226
rs72764080	T	-0.0692
rs80251573	G	0.0545
rs10961418	G	0.1127
rs10976664	A	-0.0218
rs79240685	G	-0.0443
rs117623999	G	-0.1313
rs12555569	A	-0.1643
rs147077136	C	-0.0403
rs2891138	C	0.0226
rs77303193	G	-0.0741
rs7850708	A	-0.0436
rs79740228	G	-0.0932
rs6475704	G	-0.0286
rs78674441	A	-0.0604
rs7019762	T	0.0233

rs11790094	C	0.0226
rs75422523	T	0.101
rs1855185	T	-0.0625
rs2900507	G	-0.0388
rs12000633	A	-0.024
rs55851518	A	0.0485
rs79805694	A	-0.0678
rs73566971	T	0.1319
rs75785937	T	0.1129
rs2476922	C	-0.0248
rs11794108	T	0.0334
rs72752763	G	0.1363
rs661006	C	-0.0812
rs150314644	T	-0.0972
rs150827739	A	0.0674
rs72701093	C	0.1217
rs13291224	G	0.0235
rs932163	T	-0.0218
rs117338749	T	0.07
rs10983538	T	-0.0327
rs10122734	A	-0.0296
rs75668873	A	0.0654
rs142159148	C	0.1204
rs71505977	G	0.0802
rs57715716	T	-0.0542
rs10959056	G	-0.042
rs113483939	T	-0.0963
rs9785265	C	-0.0303
rs147302276	C	0.1383
rs4146273	A	0.0292
rs112344309	C	0.0828
rs6559987	G	-0.0484
rs76396502	A	-0.0983
rs74898627	A	-0.0668
rs7023504	G	-0.0299
rs77418183	T	0.1602
rs11243457	A	-0.0234
rs10975171	A	0.0432
rs72692815	A	-0.0427
rs117634056	A	0.1052
rs34312013	A	0.0336
rs11787791	C	-0.0951
rs10081687	T	-0.031
rs79037178	C	0.0915
rs10760450	T	-0.0282
rs10745384	C	0.0217
rs10976888	T	0.0298

rs10961219	G	-0.0237
rs62586017	G	0.1417
rs16923531	T	-0.1227
rs56273925	G	-0.0534
rs10968541	A	0.0927
rs10814318	C	-0.0796
rs117345082	C	0.0745
rs8188002	A	0.0503
rs7864156	G	-0.0217
rs1537528	A	0.0264
rs13296487	T	0.0236
rs324490	T	-0.0292
rs7852679	G	0.1097
rs10117426	C	0.0274
rs62553706	G	-0.0364
rs10869027	A	0.0417
rs10972517	G	-0.0503
rs4512433	A	-0.0513
rs141932257	A	0.0694
rs10979128	T	-0.0303
rs12002916	C	0.0603
rs17783673	G	-0.038
rs144237408	G	0.105
rs141793472	A	-0.0971
rs2382	G	-0.0391
rs10992994	A	0.0898
rs2417140	G	0.0428
rs118054812	G	0.1251
rs12379598	A	-0.0519
rs7850627	C	0.0757
rs12347321	A	-0.0533
rs7020980	G	0.0283
rs10969654	G	0.0335
rs117049280	A	-0.1107
rs3758192	A	0.0368
rs7861945	T	0.0253
rs581450	T	-0.0562
rs75296510	C	-0.1201
rs76256371	G	0.1281
rs79165034	A	0.1029
rs7018830	G	-0.0279
rs2001322	T	0.0426
rs2281662	C	0.0232
rs12553715	T	0.157
rs4442208	T	-0.034
rs2795492	A	-0.0215
rs7026750	G	0.1486

rs112257882	A	0.0758
rs35258674	A	0.0343
rs79790224	G	0.0769
rs10511756	G	-0.028
rs78922346	T	0.1099
rs1929715	T	0.0213
rs2148847	C	-0.0216
rs75103051	A	-0.1132
rs72761995	G	0.0379
rs10984108	A	-0.0746
rs78007909	A	0.0591
rs17442024	A	-0.1342
rs10989533	A	-0.08
rs7875204	A	0.0315
rs10810992	T	0.0247
rs34176491	C	0.0318
rs1928625	A	0.0249
rs4742312	A	0.0274
rs41344048	T	0.0339
rs144458902	A	-0.1296
rs60859994	G	0.0288
rs145357108	G	0.1518
rs784793	C	0.1535
rs17348377	C	0.0304
rs320191	A	-0.0222
rs11143896	G	-0.0212
rs7019583	A	-0.0256
rs80106348	C	0.0312
rs142053023	G	0.0642
rs296849	A	0.0221
rs111298749	C	-0.1041
rs2027494	T	-0.0216
rs78851847	T	0.182
rs62580492	T	-0.0566
rs12238278	G	0.0426
rs79913120	T	-0.2093
rs10760309	G	0.0219
rs1928252	C	-0.025
rs7847895	C	-0.0719
rs1537960	A	-0.0234
rs4427241	C	-0.0272
rs7857956	G	0.022
rs76966874	T	-0.1432
rs78981278	C	0.0723
rs10982119	A	0.0847
rs7026550	T	0.025
rs1594277	G	0.0256

rs112822211	A	0.118
rs2519824	A	0.0225
rs11103372	A	-0.0388
rs74304692	A	0.0939
rs7034380	T	-0.0221
rs79755794	A	0.0485
rs913934	A	0.0318
rs117819059	A	-0.131
rs2891055	A	0.0243
rs3780606	C	-0.0291
rs10818810	A	0.0214
rs10976307	G	0.0273
rs62538799	G	-0.0855
rs71504798	G	0.0363
rs72712036	C	-0.0805
rs7033814	A	-0.0503
rs62579779	G	0.0359
rs117021367	G	-0.1091
rs1012160	C	0.0254
rs4979171	T	-0.0399
rs117904459	T	-0.136
rs7031556	C	0.028
rs12377295	G	0.0276
rs76860516	T	0.0636
rs144395396	A	-0.0832
rs74653678	A	-0.1663
rs7030382	C	0.0214
rs149080671	T	0.0794
rs10739421	T	0.0227
rs7021837	C	0.0259
rs7847966	C	-0.0484
rs72768589	A	0.0744
rs10118244	T	0.057
rs118059055	T	0.1339
rs10973121	T	-0.0479
rs56339875	A	0.0764
rs41523646	C	-0.0332
rs80021973	T	-0.0749
rs1817025	T	0.0697
rs76485203	T	0.1045
rs78586521	T	-0.1761
rs7047414	A	0.0349
rs118020791	G	-0.1511
rs7048521	A	0.0813
rs139964479	G	-0.1104
rs57010271	T	0.0986
rs146296578	T	0.084

rs79481896	C	0.0431
rs62581699	T	0.0512
rs10987225	G	0.0616
rs149128587	G	0.1263
rs4836891	A	-0.0409
rs2182645	G	-0.0313
rs78865960	A	0.0481
rs12686148	G	-0.0357
rs146433727	A	0.0857
rs727913	G	-0.0428
rs62566630	T	0.074
rs141852214	T	-0.0869
rs1328569	T	0.0294
rs117107670	T	0.0898
rs72760755	T	-0.0839
rs1355142	C	0.061
rs2273784	A	-0.1065
rs11140299	G	0.031
rs80085844	A	0.0461
rs980140	G	-0.0217
rs146714778	T	-0.1032
rs11243389	A	-0.0441
rs117962676	A	0.116
rs4979053	T	-0.033
rs72691836	T	0.1173
rs7854497	A	-0.0456
rs12343468	C	-0.0297
rs117091804	G	-0.128
rs1924678	A	-0.0223
rs77494496	G	-0.0706
rs4742659	G	-0.0233
rs72759260	G	0.0323
rs1442286	T	0.0226
rs112258110	C	-0.1099
rs10869089	C	-0.0311
rs2613310	C	0.0255
rs62574053	A	-0.1462
rs9721644	T	-0.0291
rs7029990	C	-0.0272
rs7854085	A	-0.0395
rs62529311	C	-0.1142
rs6559333	C	0.0397
rs7865013	G	0.0232
rs7469980	A	-0.0544
rs4962066	C	0.0277
rs10810461	T	-0.0212
rs10966010	T	0.0951

rs117642199	G	0.1066
rs10756354	T	0.0305
rs10733494	T	-0.0239
rs10975190	T	-0.046
rs141495921	G	-0.1176
rs118150079	C	0.0659
rs3983595	T	-0.0277
rs2381969	A	0.021
rs2050456	T	0.0283
rs149384014	A	-0.1041
rs143477028	A	0.0667
rs12551183	G	0.0276
rs1331663	C	0.0332
rs79153634	A	0.0917
rs34007653	G	0.0714
rs10972328	T	0.1405
rs145347713	C	-0.1164
rs139165114	T	-0.1225
rs7019738	C	0.0405
rs10965830	C	-0.0289
rs4978012	C	0.027
rs9409252	A	0.0323
rs10974754	G	0.027
rs9987620	A	0.0239
rs117224005	A	-0.0619
rs117098121	T	0.0658
rs7029925	C	-0.118
rs5030721	A	0.1196
rs142626703	C	-0.047
rs11145702	A	0.0668
rs10971589	A	-0.0422
rs17054251	C	-0.0355
rs111855294	T	-0.043
rs72770225	G	0.0503
rs7855759	T	-0.0544
rs117427207	T	0.0985
rs12352473	C	-0.0504
rs16933165	G	0.0696
rs140726426	C	-0.0838
rs116934697	T	0.1432
rs78369344	C	-0.0821
rs12004400	G	-0.114
rs72747215	A	-0.1155
rs117036055	A	-0.2215
rs72758349	C	-0.0977
rs79297323	T	-0.07
rs73642981	A	-0.1194

rs13298102	G	0.0256
rs72745970	T	-0.0995
rs2295932	T	-0.0239
rs7862528	C	0.0491
rs10868533	A	0.0762
rs11141915	C	0.0248
rs78430690	G	0.073
rs62543255	A	0.0311
rs10118754	C	-0.0256
rs1360501	C	0.0221
rs147863277	T	-0.036
rs10975444	G	0.0267
rs77395698	G	0.1234
rs1032404	T	0.0217
rs719535	T	0.0244
rs1889984	A	-0.0215
rs146294006	C	-0.1265
rs17813944	C	0.0386
rs16908965	A	-0.0873
rs118172942	A	0.0648
rs145472370	G	0.1712
rs76371366	A	-0.0959
rs139374358	T	0.1507
rs806034	T	0.0326
rs62576441	T	0.0436
rs10867845	A	-0.0275
rs149407265	G	0.0594
rs11140685	C	-0.0414
rs148642731	T	0.1836
rs142522920	T	-0.1448
rs10121709	T	-0.05
rs7871083	A	0.1967
rs9722446	A	-0.0557
rs141963878	C	-0.0502
rs143460865	T	-0.043
rs149587957	G	0.0993
rs141586469	A	0.1175
rs10819122	G	-0.0325
rs16938386	A	-0.143
rs78309793	C	-0.1012
rs990938	T	-0.0411
rs113391367	T	-0.045
rs75487532	A	0.0417
rs7851272	C	0.0483
rs10978141	G	0.162
rs10867922	T	0.046
rs117551075	T	-0.0867

rs12375523	A	-0.1062
rs12341604	G	0.0377
rs12340759	G	-0.0352
rs35889561	T	0.1132
rs2231228	A	0.0265
rs3843933	G	-0.041
rs140881039	T	0.1413
rs77325537	A	0.0256
rs147018790	G	0.1356
rs4741067	C	-0.0396
rs41505847	A	0.0276
rs9314838	T	0.0211
rs11138106	C	-0.1213
rs3012675	G	-0.0354
rs10739137	T	0.0227
rs111672841	T	0.1149
rs73654015	G	-0.0334
rs12375888	T	0.0423
rs45623334	G	-0.1027
rs10988872	C	0.098
rs11185702	A	0.0367
rs4740739	C	-0.0256
rs73408618	G	0.0502
rs6537911	A	0.0317
rs773013	G	0.085
rs113191239	A	-0.1085
rs77872663	G	-0.0938
rs920946	G	0.0477
rs1999679	G	0.0253
rs10118203	C	-0.0268
rs4008101	A	-0.0475
rs10970359	T	-0.0583
rs116877429	G	0.1148
rs12685040	T	-0.0293
rs58039219	C	-0.0502
rs35479829	T	-0.051
rs12378485	G	-0.0258
rs139213569	G	-0.1063
rs10993713	T	-0.0295
rs76857839	T	0.1735
rs145858480	T	0.1241
rs11794612	C	-0.0286
rs78688471	T	-0.1181
rs74676560	G	-0.0863
rs13295517	A	-0.0316
rs12377907	T	-0.093
rs67061295	A	0.049

rs7858964	C	0.0309
rs10759345	G	0.0206
rs12377726	G	0.0273
rs12348921	G	-0.0787
rs960957	T	-0.0215
rs17232268	C	-0.1345
rs17368205	G	0.0569
rs72702857	A	0.0225
rs11792799	G	-0.0401
rs56913441	G	0.1241
rs7026155	A	-0.0219
rs35930792	G	0.1154
rs10115217	C	-0.0402
rs1331384	G	-0.0202
rs148187050	T	0.1291
rs2767409	A	0.0219
rs11142927	C	0.0232
rs10979985	T	0.0276
rs62575351	A	-0.0594
rs41282441	C	-0.1744
rs118164563	T	-0.0784
rs77274586	T	0.0712
rs140706183	T	-0.0852
rs12345838	A	-0.0292
rs72699150	T	-0.0659
rs111375817	C	0.0644
rs80260387	G	-0.0685
rs117056642	C	-0.1018
rs79909403	T	0.124
rs12351471	T	-0.0896
rs75902638	C	0.099
rs10758132	A	0.021
rs72748084	C	-0.129
rs4412427	T	0.0283
rs75937137	A	-0.0784
rs117639733	T	0.073
rs7028272	G	0.0214
rs6478581	T	0.0219
rs28795164	A	0.0429
rs76653511	C	-0.1177
rs16906643	C	0.022
rs67469435	G	0.0285
rs118126411	A	-0.1092
rs745178	G	0.0422
rs4740885	A	0.0228
rs77536000	A	0.0474
rs117464547	A	0.1088

rs144737531	C	-0.1194
rs77140465	C	-0.0483
rs9407079	T	0.0273
rs10967431	A	-0.0272
rs167181	T	0.1118
rs10816580	C	0.027
rs41278393	T	-0.0863
rs118057622	C	0.0724
rs7044754	G	0.0243
rs74855019	G	-0.0578
rs10125455	C	0.0243
rs76223667	A	-0.0402
rs78531528	T	0.095
rs12551658	T	0.0212
rs3012589	C	0.0482
rs1360585	T	-0.0244
rs79474382	T	0.0536
rs80315336	A	0.0634
rs72719516	C	0.1117
rs7847908	T	0.0336
rs870975	C	-0.0228
rs944942	A	-0.0317
rs59176878	C	-0.0716
rs145873433	A	-0.0968
rs10513454	T	0.0214
rs7039201	G	-0.0214
rs7040693	C	-0.0741
rs1858231	G	0.025
rs141098163	A	0.1412
rs78533777	C	0.0485
rs2170226	T	-0.0268
rs1966950	C	0.1215
rs72739636	G	-0.0675
rs883751	C	-0.0239
rs36020115	C	-0.1483
rs1923431	C	-0.0328
rs6415720	T	0.04
rs12236787	C	-0.0592
rs80042388	A	0.156
rs3780760	A	-0.0604
rs113016375	A	0.0752
rs1359987	T	-0.0365
rs7848531	C	0.0233
rs230088	A	0.0263
rs11140689	A	-0.0534
rs148593339	C	0.1051
rs138173627	G	-0.1083

rs7035322	A	0.022
rs7021547	G	0.0244
rs116852759	A	-0.0928
rs7040146	T	0.0248
rs1632835	C	-0.02
rs9987654	T	0.026
rs10817179	C	-0.0526
rs72758094	A	-0.1057
rs73462552	C	-0.1264
rs6475426	G	0.025
rs137974697	C	0.0891
rs12348900	T	0.043
rs79876962	A	0.0592
rs28875822	A	0.0368
rs9409224	G	-0.0226
rs10815875	G	0.028
rs7046585	T	0.0968
rs818707	T	-0.033
rs1934487	G	-0.0203
rs16930137	A	-0.029
rs2437818	C	0.0769
rs150523721	T	-0.0957
rs143807469	G	0.0648
rs6475463	C	-0.0236
rs12235833	A	-0.056
rs78023803	A	0.0424
rs111813503	T	-0.0955
rs17055877	T	0.0888
rs143700105	C	-0.0752
rs80278374	T	0.0576
rs12375706	C	0.0275
rs117669273	G	-0.0989
rs7031476	A	0.0292
rs290996	G	0.084
rs818893	G	0.0254
rs2017195	A	0.0286
rs11791894	A	-0.0321
rs62577059	C	0.0476
rs10966370	T	0.0449
rs7034928	C	-0.0232
rs3124593	A	-0.0243
rs2066474	C	-0.0329
rs10757330	A	0.0236
rs11793814	G	-0.1458
rs111558183	T	0.0997
rs144228487	A	0.0988
rs7033852	G	0.023

rs2180903	T	0.0866
rs10113990	C	-0.0963
rs167280	G	0.0264
rs944550	A	0.0346
rs142466391	T	-0.1364
rs72693463	G	0.0486
rs12378992	A	0.1084
rs62571014	A	-0.0881
rs112957391	A	-0.0825
rs1411600	G	0.0331
rs77164468	G	0.0549
rs150125245	C	0.1224
rs72738015	A	-0.0394
rs35552502	T	0.0336
rs140880671	T	-0.0807
rs16928291	G	0.098
rs1412318	C	0.0306
rs4836741	G	0.0234
rs75466506	C	0.0411
rs76441120	A	-0.087
rs12238713	A	0.0242
rs35565936	A	0.0315
rs7028791	C	-0.0217
rs216345	T	0.0252
rs61143519	G	0.0298
rs117599027	G	-0.0761
rs139900447	T	0.0601
rs4742641	C	0.0284
rs3847241	G	-0.0422
rs7045425	A	0.0286
rs62559020	C	0.0963
rs28842508	G	0.0306
rs62569010	G	-0.0407
rs7850004	A	0.0216
rs146451803	C	-0.0809
rs145034283	A	0.0969
rs2094458	T	0.069
rs13293206	G	0.0205
rs73567692	C	-0.0383
rs118103198	A	-0.0582
rs74487105	A	-0.103
rs1501577	G	0.031
rs3739643	T	0.101
rs10115513	A	0.1164
rs147351813	C	0.124
rs144846288	A	0.13
rs79828014	C	0.0486

rs2770829	T	-0.0211
rs76863989	A	-0.0842
rs118180686	T	0.1106
rs117167640	T	0.1266
rs10733471	C	-0.0233
rs13283363	G	0.0402
rs79282095	C	0.091
rs76502285	A	-0.0856
rs144236093	G	0.1082
rs11795275	C	-0.0216
rs117547284	T	0.0451
rs6477595	C	0.0277
rs117145215	T	0.0853
rs60546393	T	0.0611
rs758850	A	0.0307
rs76264641	C	-0.1513
rs3793621	G	-0.0218
rs80150610	C	-0.1152
rs117536159	A	0.1135
rs76111677	C	-0.0832
rs75297583	G	0.1829
rs147023843	C	0.1475
rs72706831	G	-0.088
rs12350756	C	0.0707
rs1831077	A	-0.0233
rs117092768	T	-0.0983
rs78638924	C	-0.0639
rs28368141	A	0.0805
rs72714637	T	-0.079
rs78097369	T	-0.0314
rs12001399	T	-0.0745
rs59439855	A	-0.1051
rs141198312	G	0.0814
rs2383024	G	-0.0238
rs112775629	T	-0.0801
rs35472309	G	0.0399
rs74636786	A	0.0388
rs56081430	T	-0.0328
rs11145608	T	-0.0686
rs11788486	C	-0.0219
rs75120019	G	-0.0791
rs139653698	C	0.0885
rs147491531	A	-0.1527
rs41305539	A	-0.0836
rs11142704	A	0.0579
rs117160188	A	-0.1421
rs62571835	T	0.0961

rs10759791	A	-0.021
rs111310469	T	0.0964
rs142486538	C	-0.0548
rs13294481	T	0.0229
rs7026686	T	-0.0222
rs1323590	A	0.0267
rs117817036	C	0.1528
rs7038480	T	-0.0349
rs13288003	C	-0.0329
rs10810179	A	-0.0274
rs76797759	T	0.0557
rs11794953	G	-0.0868
rs1502717	G	-0.0219
rs140139706	T	-0.2026
rs10121766	A	-0.0253
rs113253407	C	-0.0621
rs10441684	T	-0.0335
rs140500744	A	0.1373
rs7033776	A	0.0228
rs7018588	A	0.0354
rs76807870	A	0.0774
rs7858174	C	-0.0217
rs3930538	A	0.0408
rs78916292	T	0.0815
rs72757695	A	-0.1305
rs72752276	G	0.045
rs76268233	G	0.0605
rs113153370	A	0.1042
rs73460288	G	0.0707
rs12350755	T	0.2196
rs72700578	A	-0.0659
rs12684716	A	0.0402
rs11141048	A	0.0305
rs74814958	A	0.064
rs75785756	C	0.1843
rs16929673	A	0.053
rs4837197	T	0.0263
rs55654343	T	-0.0756
rs10982379	G	0.0592
rs10118801	G	-0.0212
rs117350329	T	-0.0974
rs117725273	G	-0.0965
rs144643473	A	0.0963
rs117419292	T	0.1745
rs1819315	C	0.0244
rs10819654	A	0.0327
rs77329588	T	0.1084

rs7862699	A	0.0332
rs11794535	C	0.0336
rs12342883	C	0.0705
rs6475056	T	0.0397
rs79241564	T	-0.1065
rs117528624	T	0.0495
rs10123158	C	0.0239
rs113344558	A	-0.1407
rs58743502	T	-0.0984
rs2417335	C	0.0205
rs1368681	G	-0.0239
rs62538508	T	0.0891
rs79558672	A	-0.0611
rs1415649	T	0.0943
rs116908275	A	-0.0993
rs71499467	A	0.0778
rs10793869	T	0.0913
rs928356	A	0.0199
rs3818557	C	-0.0452
rs13294545	G	-0.0242
rs80176522	T	0.0964
rs62544905	G	0.0369
rs3789254	T	-0.0365
rs4129311	C	0.0213
rs4146454	A	-0.0325
rs7854657	G	0.0236
rs75219171	T	0.157
rs1328432	A	0.0346
rs815863	G	0.022
rs113411714	C	0.1182
rs7869049	G	-0.0215
rs17797799	G	-0.1614
rs11137700	A	0.0637
rs145250514	A	0.1178
rs74973114	A	0.061
rs8181101	T	-0.0329
rs75807448	T	0.0776
rs145781071	G	-0.1118
rs10977435	C	0.0209
rs8190580	G	0.0625
rs142262922	G	-0.1308
rs77281174	A	-0.0713
rs138170559	A	0.1537
rs62560512	G	0.0644
rs144440978	A	-0.1116
rs34195072	T	0.027
rs10984797	T	-0.0217

rs1220650	A	-0.0568
rs117892380	G	-0.1139
rs56871984	G	0.0525
rs12237141	G	0.1197
rs3814507	T	0.0274
rs10986801	C	0.028
rs1001919	C	0.0251
rs10117023	T	-0.0334
rs142467388	A	0.1446
rs80354665	T	-0.0859
rs148920830	A	-0.0898
rs12376464	C	0.0216
rs11793385	T	0.0338
rs12684874	T	-0.0263
rs74507490	C	-0.0563
rs3818593	G	0.0246
rs72743960	C	-0.0342
rs377156	T	-0.0454
rs57404564	A	0.0265
rs10760621	G	-0.0217
rs10120683	T	0.0294
rs10739078	C	-0.0203
rs10513319	C	0.0773
rs36081160	C	-0.0547
rs10217572	T	0.0199
rs74785697	T	0.0685
rs7846964	A	0.0416
rs10962324	C	0.0316
rs12349329	T	-0.0519
rs2781269	T	-0.0204
rs72755169	C	0.0776
rs146961989	A	0.1163
rs1529954	T	-0.0243
rs12682865	C	0.0216
rs116961754	G	0.087
rs117290733	A	-0.1141
rs17292115	C	-0.0256
rs141470687	G	0.1042
rs11788226	G	0.0986
rs72681798	G	-0.0374
rs11788923	C	0.0321
rs10858367	A	0.0418
rs146060508	C	0.1614
rs9411210	G	0.0253
rs72687842	A	0.1059
rs637029	C	0.0298
rs11138815	G	0.0614

rs41281154	G	-0.071
rs145456714	G	0.146
rs62580981	A	0.0612
rs7022799	A	0.0575
rs74400012	A	-0.0499
rs12554906	T	-0.0426
rs13287382	T	-0.024
rs9406747	T	-0.0199
rs117571626	T	0.0612
rs140300700	A	0.0663
rs80293000	C	-0.0373
rs7856468	A	-0.0315
rs72748121	T	-0.0863
rs747073	T	-0.0375
rs149327419	A	-0.1278
rs13288296	T	-0.0205
rs113659694	T	-0.0434
rs117931871	A	0.1147
rs1418268	C	-0.0372
rs117873424	A	0.1026
rs62541830	C	-0.0232
rs12345322	G	-0.0591
rs79741416	T	0.0974
rs78191876	G	0.0404
rs60588950	A	-0.1081
rs10820853	G	-0.0387
rs72696709	C	0.0469
rs1543495	C	0.0433
rs147705233	A	-0.0567
rs17770335	A	0.0596
rs35292277	T	0.1032
rs12686703	T	0.0448
rs62566463	C	0.0309
rs10125964	A	0.0674
rs117769459	T	-0.0683
rs62543872	C	-0.0292
rs76993157	A	0.1194
rs1571231	A	0.0278
rs139237116	T	-0.1342
rs11791586	T	-0.0278
rs10758519	T	-0.0235
rs7872678	T	-0.0207
rs149015814	G	-0.1192
rs7018888	A	-0.058
rs66885576	T	0.0226
rs1038777	T	-0.0275
rs4604517	C	-0.0344

rs74523861	G	0.1149
rs7863986	A	0.0633
rs10985997	T	-0.0285
rs1556135	C	-0.0589
rs7024642	T	0.0199
rs75188859	A	0.0847
rs78681983	T	0.0464
rs143300661	C	0.1039
rs28403252	A	0.0308
rs10817239	A	-0.0378
rs79849186	G	0.1516
rs56157836	C	-0.1028
rs137944985	G	0.1145
rs12552196	G	0.1269
rs62576372	T	0.0833
rs149832268	G	-0.125
rs1929716	G	0.0217
rs117193525	A	-0.0839
rs150947224	C	0.0894
rs79834486	T	0.0597
rs13296844	C	0.0237
rs7025985	A	0.0217
rs77251383	C	-0.0438
rs75077952	A	0.1088
rs113787721	T	0.0818
rs62570196	C	0.0413
rs80238144	G	0.0498
rs12336775	G	0.1215
rs144967595	A	-0.1249
rs67223242	A	0.0306
rs151162380	T	0.0676
rs76498541	A	0.149
rs4246908	G	0.0194
rs7856514	A	0.0226
rs73567531	A	0.0521
rs3780293	A	-0.0208
rs142225787	C	0.0931
rs150814563	A	-0.0831
rs10819506	T	0.0231
rs10974260	G	-0.0268
rs16927235	G	0.0634
rs10819283	A	0.041
rs11244220	T	-0.0241
rs4740235	T	0.0267
rs294831	C	-0.0318
rs1227469	A	-0.0203
rs172447	C	-0.1024

rs72700705	C	-0.0459
rs77736189	T	-0.0912
rs2417437	C	-0.0198
rs76344517	G	0.0431
rs2761719	C	-0.0337
rs57903073	A	0.0604
rs117151320	A	-0.1
rs3948317	C	-0.0226
rs115175450	A	-0.099
rs77354939	T	0.0482
rs145949072	C	-0.1254
rs7869307	A	0.0247
rs7866591	A	0.0269
rs77290088	T	0.0671
rs10979225	T	-0.0371
rs137957660	T	0.0591
rs116943723	C	-0.1432
rs62529557	C	0.1544
rs143043058	A	0.1407
rs118025129	C	0.066
rs7875973	A	0.0324
rs12380047	G	0.0264
rs117977225	A	-0.0344
rs1978746	C	-0.0236
rs883096	C	-0.0212
rs7021674	C	-0.0211
rs78208206	T	0.0954
rs528093	T	-0.0851
rs10983467	T	-0.0202
rs141887112	A	-0.0615
rs16929645	T	-0.0637
rs58475797	T	0.0309
rs13291778	G	-0.0672
rs151018229	G	-0.1004
rs72700002	C	-0.1553
rs1030856	A	-0.0209
rs9722651	C	0.0483
rs7024273	T	0.0837
rs7032613	T	-0.0769
rs75485949	T	0.0685
rs11140506	G	-0.0232
rs10817260	T	-0.0271
rs2075508	C	0.0378
rs79746057	G	-0.0397
rs148958508	G	0.1974
rs57255509	A	-0.0737
rs3739464	A	0.0331

rs77638329	C	-0.087
rs17177323	G	0.06
rs79140238	G	0.0622
rs117188726	C	-0.0946
rs16910134	A	-0.0713
rs7020351	T	-0.0745
rs140509063	C	0.1129
rs7043708	T	0.0243
rs73393341	C	0.0915
rs62534511	T	0.0706
rs10963299	C	0.0625
rs10964229	T	-0.03
rs118183914	C	-0.0721
rs75696524	A	-0.0405
rs111320067	T	-0.097
rs35290397	T	-0.131
rs137900524	A	0.1064
rs12235895	G	0.0269
rs4837398	T	0.0261
rs140737758	C	-0.1354
rs7029919	T	0.0369
rs11999991	G	0.032
rs76353520	C	-0.0307
rs1555480	T	-0.0219
rs353809	C	0.0242
rs7026418	C	0.0271
rs1328904	G	0.0255
rs75618535	A	-0.1153
rs116859938	C	0.1195
rs77073970	T	0.0912
rs117119938	G	-0.0849
rs62534711	G	-0.0713
rs117932370	A	0.1201
rs34348344	C	0.1149
rs112187201	T	0.1093
rs72742852	T	0.054
rs72770249	T	0.0413
rs72698070	G	0.0296
rs75979392	C	0.1007
rs34486000	A	-0.0683
rs656105	C	0.0225
rs79572934	C	-0.0536
rs117630679	T	0.1028
rs3824419	C	-0.0221
rs3814111	C	0.0244
rs76870538	C	0.0739
rs2418203	A	-0.1138

rs11792719	C	0.0637
rs74414565	G	0.08
rs10812670	C	-0.022
rs755191	T	0.0445
rs17773550	G	-0.1433
rs75585661	T	0.1234
rs823922	T	-0.0206
rs129925	G	0.0854
rs17220976	C	0.0822
rs486764	A	0.0284
rs7023764	G	0.0392
rs117771146	G	-0.0901
rs10964948	A	0.0729
rs56280424	C	-0.0531
rs77126598	A	-0.1306
rs507144	T	-0.0336
rs405004	A	-0.0288
rs34217909	T	0.0303
rs34215980	A	0.037
rs4877600	C	-0.0232
rs111293827	A	-0.1135
rs72743057	G	0.0818
rs112992331	A	-0.1648
rs80351470	G	0.061
rs72700764	T	-0.0598
rs7027172	A	0.0869
rs7869144	G	-0.0268
rs114820396	C	0.093
rs10512349	C	0.0413
rs7853534	C	0.0194
rs9775994	T	-0.0262
rs76518593	G	0.0411
rs66470520	T	-0.0454
rs75609491	T	0.056
rs4879848	G	-0.0212
rs118002071	T	0.1516
rs142395237	T	-0.1037
rs76523935	A	-0.083
rs74883744	C	-0.079
rs4880026	G	0.0223
rs10738745	T	0.0198
rs62532968	A	-0.0569
rs112030729	T	0.0389
rs150767226	C	0.1515
rs12236419	A	-0.1324
rs62574205	G	-0.1283
rs2761735	C	0.0253

rs7850041	A	0.0221
rs4629927	G	-0.0246
rs35382602	C	-0.0402
rs12337623	A	0.0243
rs62571802	C	-0.0589
rs10819103	T	0.0248
rs9409376	C	0.0571
rs75090903	A	-0.0946
rs147171855	T	-0.0412
rs1475259	A	-0.0218
rs3739857	A	-0.0666
rs79091340	A	0.0368
rs117278570	C	-0.1293
rs7038681	C	-0.0513
rs148623010	A	-0.1196
rs71503683	C	0.1469
rs10983519	T	0.0305
rs142308854	G	0.1418
rs2149388	G	-0.021
rs7860173	G	-0.0563
rs1929886	T	0.0221
rs12335386	T	-0.0426
rs117493433	T	0.1132
rs11792165	A	0.0204
rs542336	T	-0.0194
rs144864932	A	0.0788
rs56367679	A	-0.0546
rs7021570	T	0.0303
rs117626887	G	0.082
rs72614698	T	-0.0398
rs117253375	A	0.0503
rs7029654	A	0.0272
rs10115939	A	-0.0687
rs72756808	A	0.0591
rs768740	A	-0.0221
rs567964	A	-0.0286
rs141729313	A	0.1065
rs80115872	G	0.05
rs151069787	G	0.1318
rs62570643	A	0.0392
rs12377409	A	-0.022
rs117016656	T	0.0687
rs7864436	C	-0.0428
rs1360593	A	0.02
rs1937940	C	0.0277
rs146537757	C	-0.1076
rs117635919	T	-0.0986

rs55799742	G	-0.0284
rs74541369	T	0.0513
rs68183006	C	0.0842
rs13299371	T	0.0249
rs4143813	T	0.0365
rs79119056	G	0.1203
rs752358	T	-0.023
rs111806157	G	0.0279
rs57298855	G	0.1101
rs2890385	T	-0.0391
rs10984722	C	0.0775
rs146938822	A	-0.1742
rs142557905	A	-0.0854
rs55924414	T	-0.0325
rs140737736	A	-0.1124
rs10115913	C	0.0203
rs151058696	T	0.0836
rs117754874	G	-0.0819
rs10810642	G	-0.0194
rs10756900	C	-0.0196
rs140586099	T	0.0714
rs12237683	A	0.0232
rs117901368	T	0.0806
rs2131039	T	0.022
rs117224180	T	0.0725
rs75124731	A	0.0463
rs72701990	T	0.0435
rs76048275	G	0.1715
rs59256416	G	-0.0471
rs946708	A	0.0208
rs118053948	G	0.0929
rs34875451	G	0.0767
rs117106865	T	-0.1433
rs495617	C	0.0986
rs10979455	A	-0.0399
rs72756517	G	-0.0559
rs74787694	T	-0.0801
rs112126540	T	0.0585
rs1926782	A	0.0425
rs6597569	G	0.0214
rs2054073	A	-0.0516
rs2302821	C	-0.0384
rs80277842	T	-0.089
rs10816053	G	-0.022
rs137980261	T	-0.1251
rs72741016	A	0.0802
rs62568443	G	0.133

rs76957506	A	-0.0751
rs142470576	G	0.0649
rs117223635	T	-0.1349
rs78028538	C	0.0673
rs55917353	T	-0.0254
rs4743605	C	-0.0781
rs57235233	A	0.0672
rs74846857	T	0.0293
rs80035160	C	-0.0709
rs10991893	G	0.0342
rs117446824	A	0.0478
rs145801056	A	0.1446
rs10968523	C	-0.0267
rs146456372	G	-0.0874
rs10512071	G	-0.0343
rs117028774	A	0.1052
rs10124062	T	0.0237
rs41274428	G	-0.0907
rs72748943	T	-0.0395
rs13284938	A	-0.0331
rs75719517	G	0.0998
rs11789598	A	-0.0276
rs12552278	T	0.0837
rs62533202	C	-0.0649
rs546921	A	-0.0308
rs10970977	C	0.0198
rs148553076	T	-0.1338
rs10512187	C	-0.0199
rs11793220	A	-0.0374
rs117362775	G	-0.0747
rs15676	G	0.0209
rs10962515	T	0.1042
rs34189940	G	-0.0265
rs116945319	A	0.0526
rs117818010	T	0.1248
rs138045708	C	0.1141
rs111644895	G	-0.1142
rs10124916	T	0.0202
rs118116921	G	-0.05
rs9695201	G	-0.02
rs12552270	A	0.084
rs117033155	A	0.0918
rs10962420	C	0.075
rs7869744	C	-0.0256
rs74644241	C	0.0535
rs10984099	T	-0.0457
rs34683584	T	-0.0325

rs146479472	A	0.1212
rs113774962	A	0.1119
rs72753485	C	0.0447
rs7045614	A	0.0539
rs7868718	T	-0.0227
rs10967262	A	0.0675
rs78589365	A	0.0778
rs118078457	T	0.073
rs111877546	A	-0.0596
rs637736	A	0.0217
rs7865511	T	0.0671
rs72738691	T	0.0928
rs12553127	G	0.0238
rs10761128	T	-0.0294
rs10984186	A	0.026
rs143771682	A	0.1132
rs151332778	C	0.0973
rs117377090	A	-0.1156
rs142725549	G	-0.1569
rs10980134	A	0.0508
rs10983088	A	0.023
rs76536327	G	-0.0861
rs2026981	G	-0.0981
rs113206157	C	-0.1178
rs118043207	C	0.0709
rs34073965	T	0.0203
rs12001622	A	-0.0534
rs79025923	C	0.0904
rs142939306	A	0.1108
rs75402700	T	-0.0614
rs10759925	C	0.0201
rs12342733	C	0.1542
rs117488934	T	0.0798
rs117398529	T	-0.118
rs77757336	C	-0.1175
rs80182886	G	0.0701
rs10983127	C	-0.0271
rs72769807	T	-0.0659
rs116939710	C	-0.0527
rs143187386	T	0.1146
rs76864073	G	-0.0878
rs1490740	T	0.0256
rs117200192	A	0.134
rs558356	T	-0.0351
rs10814817	G	-0.0274
rs117530188	T	0.0779
rs2378591	A	0.0193

rs17200841	T	0.0392
rs79079373	G	-0.0787
rs16925027	G	-0.0226
rs7039404	C	-0.05
rs78709754	T	0.0549
rs10812195	C	-0.0246
rs2993164	A	0.1209
rs4113091	T	-0.1293
rs72742612	T	-0.1025
rs1830646	T	0.0208
rs72715296	G	0.0337
rs11144036	A	-0.0588
rs78733147	T	0.133
rs7350246	C	-0.0191
rs9410458	A	-0.1613
rs117154710	C	-0.0514
rs12684323	C	0.0222
rs11999890	C	0.0382
rs16917918	G	-0.0233
rs62543588	A	0.1099
rs56329524	T	0.1123
rs41302909	A	0.0519
rs1891493	G	0.0844
rs4743670	T	0.0232
rs76826751	C	0.0651
rs41305337	T	-0.0877
rs117680553	G	-0.0838
rs113066078	C	0.0563
rs55964346	T	0.0761
rs77657971	T	0.0945
rs2118168	C	-0.1193
rs1571804	T	-0.0201
rs148149403	T	-0.1131
rs10812334	A	0.0473
rs1927988	C	0.0334
rs35922510	C	0.111
rs62585034	C	0.197
rs7021130	G	0.0215
rs71510489	T	-0.141
rs71512411	C	-0.046
rs72763182	A	0.0653
rs75186455	T	-0.1554
rs7852843	C	-0.0192
rs2382039	C	0.0739
rs10757392	T	0.0235
rs111958999	T	-0.0437
rs72736161	A	-0.0554

rs3005740	C	0.065
rs1928691	C	0.0223
rs73656150	A	0.0641
rs12379295	C	0.0395
rs2416993	T	-0.0263
rs1857416	A	-0.022
rs146360334	T	0.0693
rs11794855	T	-0.0298
rs144547505	A	0.1411
rs12341568	A	-0.1059
rs116907352	T	-0.0615
rs11243747	T	0.0264
rs8181077	T	-0.0201
rs838819	C	0.0191
rs78981589	T	-0.046
rs2570299	G	-0.0188
rs9696565	A	0.0754
rs11794042	T	-0.1006
rs117006614	A	0.0876
rs16937266	C	0.0428
rs72701925	C	-0.0494
rs73466798	G	0.0984
rs80010682	C	-0.0577
rs72735669	T	-0.0228
rs1407926	C	-0.052
rs117420678	T	-0.1366
rs72741271	C	-0.0564
rs11244354	T	-0.0301
rs149868798	T	-0.1189
rs113838706	C	-0.1087
rs77541311	C	0.0774
rs13293046	T	-0.0204
rs117649083	T	0.0932
rs78096325	A	0.0802
rs1887880	G	-0.0219
rs10125791	C	-0.0363
rs138045882	T	0.0776
rs10811002	T	0.0199
rs1048743	T	0.0947
rs12115234	G	-0.0683
rs12683300	T	-0.0216
rs79225992	T	-0.0248
rs76132270	C	0.0649
rs11141785	G	0.024
rs34757740	C	-0.0655
rs146175936	T	-0.0454
rs146181263	A	0.0855

rs10960422	T	-0.0286
rs10964415	G	0.122
rs13296842	G	-0.0193
rs905959	A	-0.0231
rs13293241	G	0.0487
rs12376594	C	0.0296
rs77502858	A	0.1789
rs10733559	A	-0.0202
rs683474	C	-0.0198
rs80102948	A	0.0681
rs72738823	G	0.03
rs10758900	G	0.0321
rs12377067	A	-0.0254
rs150698247	T	0.1337
rs7021949	A	0.122
rs12238146	A	0.0219
rs7038823	T	0.0207
rs112912497	A	0.0958
rs6477985	C	0.0279
rs72704253	G	0.1012
rs75234270	T	0.1348
rs79504722	A	0.0859
rs12379270	T	-0.0207
rs117271027	A	0.0513
rs2209680	C	-0.0244
rs4742265	A	-0.0399
rs72718128	G	0.0863
rs10813973	T	-0.0247
rs7860044	T	0.024
rs10964566	G	0.0402
rs2062865	G	-0.0308
rs77645955	G	0.0459
rs58733878	C	0.12
rs4439204	G	-0.0232
rs2417998	C	0.0208
rs12348301	G	-0.031
rs147367124	G	0.136
rs16932860	A	-0.079
rs10116370	C	0.0253
rs76057526	A	-0.0472
rs140777914	T	-0.1204
rs72693883	A	0.051
rs2984457	T	0.0358
rs2309991	C	-0.0326
rs10733478	G	-0.0267
rs2026001	T	0.0199
rs148048775	A	-0.1424

rs1888713	A	-0.0321
rs10992260	T	-0.0228
rs1220652	T	-0.0293
rs78732021	G	-0.0546
rs4551422	G	0.04
rs7847002	T	0.0901
rs149259529	G	-0.0774
rs75284302	A	0.1445
rs76595440	A	0.076
rs149472658	A	0.1009
rs10481735	G	-0.0189
rs2493633	T	-0.0395
rs10815801	G	-0.0227
rs7044734	G	-0.0208
rs7868750	C	-0.078
rs113539164	C	-0.1534
rs79254275	T	0.0889
rs72737956	A	0.096
rs35776948	T	0.0355
rs71506679	A	0.0539
rs7029959	A	-0.0357
rs7038958	G	-0.0387
rs3125001	T	0.0232
rs12335819	C	-0.0249
rs10810584	G	0.021
rs144623872	G	0.1473
rs76260377	T	0.1199
rs116859884	T	-0.1692
rs41311426	C	0.0926
rs1837304	A	-0.0187
rs144745077	T	-0.1133
rs62567671	G	-0.0256
rs2787376	G	-0.031
rs12555242	C	-0.0639
rs146117104	G	0.0979
rs4076140	G	-0.0613
rs75732424	C	0.0668
rs75258673	T	-0.0397
rs74786704	C	0.0691
rs62578445	G	0.0703
rs4876951	A	0.0253
rs113501273	G	-0.0944
rs1799615	C	0.0233
rs117108716	G	-0.0948
rs12005370	C	0.0195
rs16923816	T	-0.0398
rs11795369	T	0.0206

rs138071352	T	0.1028
rs111519681	A	0.1005
rs17700765	C	0.064
rs150507023	G	-0.1406
rs117795791	T	0.1288
rs1780153	T	-0.0376
rs56757209	A	0.0567
rs72735901	G	-0.0579
rs117781183	G	-0.0696
rs1688964	A	-0.0229
rs10978679	A	-0.0342
rs1360690	G	-0.0227
rs611983	T	0.0442
rs646857	C	0.0198
rs62565753	T	0.1426
rs55938090	A	0.0462
rs13298842	C	-0.0556
rs7860703	A	0.0186
rs72751706	T	0.0208
rs41278337	T	-0.049
rs12235850	A	-0.0511
rs10820282	A	-0.021
rs56069924	C	0.0875
rs62555389	G	0.1077
rs7036771	T	-0.0213
rs80120503	T	0.1351
rs10966845	C	-0.0437
rs10815398	C	-0.0192
rs145891283	C	0.0974
rs10980288	T	-0.0828
rs296822	T	0.0272
rs7040930	G	0.0187
rs9409461	A	0.0184
rs6415829	A	0.02
rs2416739	T	0.0405
rs117913630	T	-0.0955
rs7048572	C	0.0233
rs114405432	A	0.0856
rs11138465	C	-0.0213
rs10963391	C	-0.0196
rs74755714	G	0.0812
rs7864473	C	0.0229
rs4842122	A	-0.04
rs74855156	C	0.0285
rs56143112	C	0.1586
rs10973938	T	-0.0558
rs56076810	A	0.0796

rs72744352	C	-0.0587
rs72739015	A	0.0741
rs117099040	C	0.0601
rs77544639	C	0.0796
rs4415394	A	-0.0232
rs1062042	C	0.0857
rs35682418	A	-0.0323
rs36024384	A	0.0372
rs12352797	T	-0.0318
rs78593400	A	0.0615
rs149066077	T	0.1176
rs11794846	G	0.0275
rs55945399	A	0.0214
rs55677534	C	-0.1151
rs3808849	A	-0.03
rs17062174	A	-0.0357
rs62566873	T	-0.0581
rs2277189	C	0.0188
rs1411419	C	0.022
rs2795119	A	0.0327
rs117831077	T	-0.1066
rs62576202	C	0.033
rs117657636	T	0.0405
rs10973106	T	0.0478
rs1768572	A	0.033
rs11506725	A	-0.022
rs79109051	A	0.0762
rs117995808	C	0.1197
rs17726343	C	0.0219
rs146696391	C	-0.0556
rs10759891	C	0.0188
rs12344993	A	0.052
rs2519089	A	0.0592
rs10974639	G	-0.0228
rs72715121	C	-0.0637
rs75172407	A	-0.0578
rs12115844	T	0.0389
rs868025	G	0.0989
rs116856984	T	-0.1044
rs35595055	G	-0.0478
rs625351	C	0.0651
rs117101226	A	0.0371
rs9695668	A	0.0211
rs11143609	A	-0.025
rs151131132	T	-0.0841
rs111302956	A	0.1062
rs116959260	T	-0.1241

rs111905467	C	0.1423
rs28361139	T	-0.0637
rs16920291	C	-0.0523
rs10983210	A	-0.0505
rs117803387	A	0.065
rs143537403	A	0.035
rs34537218	A	-0.0428
rs72729171	C	0.0814
rs142022200	A	-0.0706
rs11792361	T	0.0316
rs10818968	C	-0.0289
rs11144781	T	0.062
rs146444240	C	-0.1175
rs17052754	T	0.0764
rs143246820	C	0.1356
rs79716235	T	0.0913
rs117581486	C	-0.0715
rs73663470	C	-0.0562
rs7860997	T	0.0213
rs58957061	C	0.085
rs731168	A	-0.0183
rs10759835	G	0.0219
rs74467571	G	-0.0386
rs76046336	A	0.0403
rs10978403	A	0.0303
rs75447664	G	-0.0866
rs10972205	A	-0.0267
rs72735668	T	-0.036
rs62568415	C	0.0382
rs139991194	T	0.0453
rs13293583	G	-0.0654
rs77127797	T	-0.0614
rs7028769	T	-0.0214
rs78827367	T	-0.116
rs11788864	T	-0.0325
rs58088765	C	-0.0226
rs7872771	A	-0.0203
rs111339327	T	-0.0392
rs113892038	A	-0.0821
rs7860727	C	-0.0301
rs117278797	A	0.1027
rs7021817	G	-0.0328
rs73400352	C	0.0695
rs10811093	A	0.0341
rs2061702	A	0.0222
rs144361304	A	-0.0853
rs117730675	A	0.1486

rs55964716	C	0.1367
rs7874366	A	-0.0185
rs117537495	T	0.044
rs7026527	T	0.0488
rs10972539	T	-0.0279
rs3793552	T	-0.0358
rs80142680	A	0.0629
rs72716531	A	-0.0469
rs79241185	A	0.0991
rs145150850	A	-0.1204
rs118001945	T	-0.0583
rs116856341	G	0.0984
rs147534187	A	0.1718
rs67483170	C	-0.0645
rs11137620	C	-0.0838
rs10757683	G	0.033
rs1663111	T	0.0188
rs145222615	T	-0.1129
rs28885746	A	0.0223
rs144501147	G	0.1625
rs112945300	A	-0.1133
rs62635821	A	-0.0381
rs140779483	T	0.1059
rs62533376	C	-0.0503
rs4977232	C	-0.0222
rs170623	G	0.0378
rs73504099	C	0.1148
rs2618014	A	-0.0218
rs117286532	T	-0.1356
rs13299743	A	-0.0891
rs13301171	G	0.0376
rs1339275	C	0.0204
rs12553101	A	0.027
rs11791569	T	-0.065
rs117068686	T	-0.0664
rs321736	T	0.0407
rs77211821	C	-0.0447
rs10982163	T	-0.0599
rs79152799	A	0.1047
rs7028240	C	0.0456
rs62529521	G	-0.0316
rs4144551	G	0.0601
rs72693986	T	0.0979
rs41276841	A	-0.1114
rs4741872	C	0.0673
rs7021784	C	-0.0284
rs11142399	A	0.0763

rs72735814	A	-0.0256
rs77805996	G	-0.0734
rs10984589	T	0.0182
rs13292231	C	0.0223
rs1325115	C	0.0276
rs77500245	T	0.0372
rs72748462	T	0.0286
rs117555550	T	0.0628
rs140009390	T	0.0955
rs72714320	A	-0.107
rs6475240	G	-0.019
rs149591832	C	-0.0833
rs17457063	T	0.0675
rs3095748	G	0.034
rs2418061	T	0.0215
rs10818015	C	0.024
rs77932093	G	0.1326
rs735875	A	0.0449
rs10429585	G	0.0635
rs13289070	T	0.0324
rs12345631	C	-0.0451
rs7854237	G	0.019
rs913770	A	0.0422
rs10813900	G	-0.0303
rs34746802	G	-0.0266
rs10780323	T	0.0203
rs72740661	A	0.0554
rs10760333	A	-0.0237
rs76105730	C	0.0689
rs1443870	T	0.019
rs10512140	C	-0.0191
rs34552077	T	-0.0736
rs147464881	T	0.1601
rs10739560	T	-0.0601
rs2814732	A	0.0249
rs10973472	T	0.0359
rs117743586	G	0.1196
rs13286051	T	0.0392
rs78663379	G	0.0731
rs7856334	A	0.0254
rs117061374	A	0.1097
rs3105993	C	0.0197
rs10819125	T	0.0212
rs1530701	A	0.02
rs10435825	A	0.0231
rs1438807	A	0.0245
rs76630484	T	0.0974

rs547237	T	-0.0928
rs301431	C	0.0279
rs62534443	A	-0.0275
rs75999899	T	-0.0953
rs143314604	G	-0.0385
rs1412932	A	-0.0242
rs73645429	A	-0.0874
rs117601352	C	-0.1272
rs17334598	G	-0.0606
rs112003068	A	-0.0692
rs62567094	T	0.1516
rs17774792	A	0.0726
rs78231763	A	-0.1066
rs117327294	G	0.1076
rs117534182	A	0.0951
rs79032649	G	-0.0582
rs10960870	A	-0.0972
rs7848575	T	-0.0213
rs74368093	G	0.1064
rs11794091	T	0.0434
rs10973643	T	0.0775
rs141096710	G	-0.0286
rs118025264	T	-0.0829
rs147668444	A	0.0729
rs59604827	T	-0.0593
rs6475382	A	-0.0267
rs10812012	C	0.0254
rs12342852	G	0.079
rs7020350	T	-0.0237
rs12379402	A	0.0759
rs10977486	G	-0.0284
rs11185638	A	0.0417
rs11791832	T	-0.0464
rs117016925	T	-0.1133
rs7031622	C	-0.0302
rs10759234	T	-0.0234
rs10759279	A	0.0183
rs62545087	A	-0.0696
rs11143035	G	-0.048
rs2489889	C	0.0317
rs12685321	T	-0.0248
rs77164567	C	0.0781
rs1936289	T	-0.0187
rs10122844	G	0.0259
rs10901287	A	-0.0607
rs11244035	T	0.0619
rs112934507	C	0.0594

rs1361102	T	-0.0441
rs146796586	T	0.1289
rs716548	C	0.0533
rs139177312	C	-0.1246
rs2889243	T	-0.0276
rs12351484	T	0.0293
rs77057661	A	-0.0819
rs12555083	G	-0.0594
rs149815095	T	0.089
rs113930795	C	0.038
rs919641	C	0.0242
rs911756	G	0.0246
rs112654917	T	0.0873
rs3128475	A	0.0255
rs4646774	A	0.0234
rs2376313	G	0.0337
rs598296	T	0.0263
rs10988337	G	0.0238
rs72767969	A	0.0426
rs112055140	G	0.0661
rs117308290	A	0.0706
rs17699672	G	0.0495
rs76515778	A	0.1366
rs62570387	G	-0.0477
rs423029	T	0.0635
rs117727835	A	0.0998
rs10990647	A	0.0399
rs75423508	C	0.0616
rs13297974	T	0.0607
rs72700222	A	0.0628
rs12346753	C	0.0309
rs117542379	G	0.1498
rs58007367	A	-0.0682
rs144611820	T	-0.1074
rs503681	T	-0.0218
rs10156594	A	-0.0591
rs117127195	G	-0.0945
rs2986608	A	0.0312
rs76222134	G	0.0505
rs11792232	A	0.0438
rs204178	G	-0.0194
rs10812610	C	0.0179
rs10812806	T	0.0215
rs35804026	C	-0.1027
rs112338337	G	0.0437
rs117966595	G	0.0589
rs140374752	C	0.1345

rs10746994	G	-0.02
rs11795270	G	-0.1403
rs2164560	C	0.0196
rs10818403	C	0.0607
rs4745008	G	-0.0191
rs6415839	T	0.0469
rs787879	C	-0.0194
rs11789145	G	0.0516
rs71507526	C	-0.0551
rs72743955	G	-0.1028
rs12379013	A	0.0279
rs78482973	A	0.0834
rs7042038	T	0.0222
rs77246088	G	-0.1041
rs1231336	T	-0.0264
rs112432971	T	0.0756
rs17455999	A	0.0502
rs12345445	G	0.0941
rs7043382	T	0.0483
rs76820408	T	-0.0589
rs7041495	A	-0.0248
rs2150862	A	-0.0255
rs139681283	G	-0.0555
rs74345371	A	0.0573
rs2418410	T	-0.0206
rs139686844	G	0.0508
rs16919176	G	-0.0567
rs78816451	G	0.1294
rs59586663	T	-0.0831
rs13299433	T	0.0272
rs3628	T	0.0951
rs7034240	G	0.0318
rs75340291	G	-0.0551
rs7871846	T	0.026
rs7035083	T	-0.0222
rs7033243	C	0.0201
rs79277613	G	0.0502
rs12335362	G	0.1015
rs7872516	G	-0.0839
rs146458896	T	-0.0542
rs117130564	A	-0.0505
rs11103033	T	-0.0209
rs56282145	G	-0.0224
rs2642412	G	0.0232
rs117474283	A	0.0877
rs16912052	A	-0.0411
rs3935923	G	-0.0994

rs79921410	A	0.0484
rs7875511	G	-0.0267
rs77881344	G	-0.0957
rs145170339	A	0.1133
rs78345418	T	0.056
rs10121813	C	0.0906
rs62569714	T	0.0925
rs17542133	C	-0.0195
rs9314856	A	0.04
rs74471267	T	-0.0678
rs7861459	G	0.0428
rs72748887	T	-0.076
rs10970830	A	-0.0285
rs11139728	G	0.0359
rs7047044	T	-0.0572
rs78421686	T	0.0762
rs77732566	C	-0.0567
rs72702064	C	0.0637
rs72723437	T	0.0208
rs143055926	C	0.1842
rs62521684	C	-0.0283
rs56032842	G	-0.058
rs75253371	A	-0.0755
rs68058941	C	-0.0356
rs72745811	C	0.0523
rs9785204	T	0.0313
rs17268809	G	-0.135
rs111806309	A	0.1064
rs75912301	T	-0.0961
rs151139569	T	0.0443
rs75091871	A	0.0363
rs17058481	G	0.037
rs12345439	A	0.032
rs10960663	C	-0.0296
rs74625362	C	-0.0757
rs140159059	A	-0.1211
rs13440221	G	0.0293
rs7043239	T	-0.0184
rs60954364	G	0.0367
rs7047040	T	-0.0202
rs1885967	G	0.0254
rs10867329	A	0.0277
rs145930030	T	-0.1322
rs143025157	A	-0.1379
rs10816484	C	-0.0564
rs76314840	G	-0.0617
rs7036943	T	-0.0803

rs1409950	C	0.0444
rs17727081	C	-0.03
rs116735838	A	-0.1298
rs72735617	G	0.0593
rs7020500	C	-0.0824
rs4268182	A	-0.0211
rs10811320	T	0.0231
rs7033269	T	0.036
rs12237179	G	-0.0457
rs10512367	T	-0.0278
rs1147330	C	-0.0344
rs16919455	T	0.0714
rs1327405	T	-0.0202
rs7026700	T	-0.0254
rs79547123	G	0.0547
rs7027827	A	0.0286
rs6476082	T	0.0368
rs7032419	G	-0.0182
rs1631637	C	-0.0193
rs7021489	A	0.0211
rs2183928	C	-0.0972
rs10981250	T	-0.0289
rs7021853	G	0.0908
rs2381623	T	-0.0189
rs11140912	G	-0.0453
rs73646232	T	0.0756
rs2987095	G	-0.0606
rs112863915	A	0.1619
rs147226665	G	-0.1752
rs144761228	T	0.1468
rs7047862	A	-0.0407
rs2149002	G	-0.0188
rs10981541	T	-0.0201
rs75585777	A	0.0437
rs2808543	G	0.0175
rs2194877	G	0.0502
rs10858129	G	-0.0252
rs10983694	T	-0.0283
rs2269061	C	-0.0251
rs1756867	T	-0.0304
rs773149	C	-0.0182
rs11794646	C	0.1023
rs3912096	G	-0.0235
rs72703655	C	-0.0995
rs12555702	T	-0.0438
rs34623313	G	-0.0567
rs2236288	C	-0.0215

rs57142535	A	0.1349
rs714875	G	0.0533
rs7854271	G	-0.0244
rs7871386	C	-0.0202
rs72703234	A	0.0299
rs7023507	A	-0.0176
rs117049974	T	0.0711
rs139483023	T	0.1221
rs117023764	G	0.11
rs140225510	A	-0.0961
rs60838127	G	-0.0536
rs10979829	A	-0.0215
rs76186132	G	0.1294
rs1324190	T	0.0226
rs10116174	C	-0.0503
rs11141597	G	0.0701
rs7852509	G	-0.0246
rs111438637	T	-0.0345
rs11145083	C	0.0237
rs4962093	C	-0.0794
rs146212205	C	0.0884
rs149590827	A	0.1015
rs8176739	A	-0.0872
rs75352821	T	0.0325
rs59681639	A	-0.0414
rs72734660	G	0.0797
rs12376174	A	-0.0291
rs41282427	A	0.1031
rs79364414	A	-0.0804
rs75467842	G	-0.0364
rs904780	A	0.0186
rs3217978	A	-0.1115
rs12156499	G	0.0327
rs10962821	G	0.0493
rs28395380	C	0.0225
rs142793517	T	-0.1245
rs117351128	A	-0.0825
rs2377637	A	-0.0249
rs77043466	T	0.0629
rs62576025	A	-0.0268
rs61527790	G	-0.0323
rs12004305	A	-0.0804
rs140486269	C	0.0471
rs10960844	A	0.0213
rs10961244	C	0.0195
rs10959840	G	0.1292
rs145314540	G	-0.0944

rs72742417	A	-0.0661
rs12336042	A	0.119
rs6479056	G	-0.0197
rs150727286	T	-0.0677
rs118055049	C	0.051
rs11138086	C	-0.0607
rs895190	G	-0.0204
rs1327366	A	0.0285
rs11139349	G	0.0209
rs7866853	G	0.0587
rs117040092	C	0.0901
rs78421381	A	0.1427
rs117132444	A	-0.091
rs1537136	G	-0.0202
rs7020182	G	-0.0743
rs117625372	A	0.0573
rs10984956	C	-0.039
rs79657491	C	-0.0355
rs17295330	C	0.0334
rs164935	A	-0.0216
rs75793240	C	-0.0599
rs10818708	A	-0.0174
rs2011509	A	-0.0202
rs76443007	A	0.0699
rs139672206	A	-0.1332
rs1360091	G	0.0701
rs35739813	A	0.0854
rs141720143	C	0.1288
rs59453905	G	0.0552
rs74784716	T	-0.0637
rs10815101	A	-0.0315
rs10810020	T	-0.0194
rs7033627	C	-0.0208
rs7852096	C	0.0245
rs62581382	C	0.0717
rs138474724	T	-0.1293
rs79821759	C	0.0495
rs141431746	G	0.0895
rs12343543	T	0.0809
rs113301777	T	0.0713
rs1586262	G	0.1277
rs117389978	A	-0.0621
rs139609613	G	-0.1036
rs145007118	T	-0.1044
rs10974892	G	-0.018
rs13285525	G	0.0245
rs72706374	C	-0.0607

rs117985521	A	0.0892
rs79751944	C	0.0657
rs62576421	T	-0.0782
rs10974834	A	-0.1065
rs2209798	A	0.0361
rs6478391	C	0.0255
rs11562314	C	-0.0265
rs74358423	T	0.0726
rs17570424	G	-0.1261
rs10512047	C	0.0286
rs116912746	C	0.0302
rs72684916	A	-0.031
rs1985591	T	-0.0224
rs72710525	C	-0.1425
rs12352202	C	-0.0195
rs379630	G	0.0191
rs117208682	T	0.0722
rs478381	C	-0.0406
rs41302966	T	0.1419
rs10119020	G	0.0218
rs12378228	A	0.1042
rs118137738	A	0.0785
rs144013484	A	-0.0548
rs10217615	C	0.1285
rs569078	T	0.0191
rs13300413	A	-0.0242
rs2060130	T	0.0195
rs117423373	T	0.0694
rs162630	A	-0.0195
rs146821502	T	0.0694
rs2001537	C	0.0444
rs117987088	T	0.0544
rs11243816	A	-0.0428
rs73650495	C	0.055
rs77743715	G	0.0979
rs117923979	C	0.1537
rs7874900	T	0.0178
rs112214748	A	-0.0757
rs57773277	T	-0.1839
rs12002507	T	-0.0554
rs76920613	C	0.0652
rs4962060	C	0.0194
rs115658936	A	0.0956
rs4308787	C	0.0184
rs10970459	C	-0.0277
rs16934375	G	0.1222
rs75520457	C	0.0727

rs75092903	C	0.0238
rs11103331	G	-0.033
rs11137858	G	0.0747
rs8190478	A	-0.0203
rs34538780	A	-0.0393
rs10987136	C	-0.0198
rs75604610	C	0.0828
rs7033617	A	0.0189
rs541382	G	0.0181
rs34436786	A	-0.0292
rs7030528	G	0.0228
rs7852889	G	0.0184
rs2777318	G	-0.0286
rs7041583	C	0.027
rs1001379	C	-0.0384
rs118140568	C	0.0803
rs112345804	C	-0.1274
rs10125636	T	-0.018
rs10980750	G	0.0595
rs3843568	T	-0.0182
rs78677839	G	-0.0873
rs140363728	G	-0.0855
rs7853098	C	-0.0197
rs12342789	C	-0.0314
rs117316586	A	0.0702
rs7048090	A	-0.09
rs77137431	A	-0.0333
rs149277982	G	-0.1488
rs55831143	A	0.1266
rs12001886	G	-0.054
rs112511714	C	-0.0945
rs10987117	T	-0.0942
rs6477206	C	-0.0189
rs10756416	T	-0.022
rs11795139	T	0.0206
rs3761672	A	0.0172
rs117309825	G	-0.1045
rs4743640	C	-0.053
rs79960902	G	-0.0937
rs79954163	G	0.0477
rs10818931	T	0.0267
rs4877115	T	-0.0229
rs117475964	T	-0.0778
rs7045549	A	-0.0235
rs11793060	C	-0.0386
rs79560267	T	0.0797
rs10964673	T	-0.0216

rs950785	C	0.0261
rs10816087	T	-0.0502
rs139562217	A	0.1212
rs10781268	A	0.0217
rs10119909	G	0.022
rs11793723	A	-0.0796
rs10984426	A	-0.0181
rs6476019	T	-0.0182
rs116969109	T	0.0585
rs77624769	T	-0.0474
rs2791568	G	-0.0359
rs17386332	C	-0.033
rs1571232	T	-0.0212
rs79628270	T	-0.0538
rs113319470	A	0.0825
rs140168972	A	0.0496
rs10081674	A	0.0178
rs7018496	A	-0.0832
rs2100012	C	0.0293
rs143168681	G	0.1005
rs146472183	A	-0.0569
rs9406632	C	-0.0223
rs62555176	T	-0.075
rs117844134	T	0.089
rs10963657	A	-0.0231
rs150354730	G	-0.0899
rs74825467	A	0.0837
rs72704767	G	0.0676
rs77818912	A	0.0883
rs60831596	C	-0.1323
rs7853586	C	0.0389
rs7848102	C	-0.0184
rs57713420	T	0.1041
rs73563930	T	0.1622
rs72729086	T	0.0426
rs982699	G	0.0999
rs7847493	T	0.0275
rs3861002	A	0.0229
rs79742816	T	-0.0724
rs146726376	A	-0.0265
rs150291642	C	-0.0531
rs1578448	C	0.0176
rs147055142	T	0.0375
rs61156336	G	-0.0614
rs6560503	G	-0.0406
rs3842788	A	0.0623
rs10963847	T	-0.0212

rs1330334	T	0.0192
rs1809921	G	0.0184
rs4743023	T	-0.0188
rs10738318	C	-0.0181
rs145988249	C	-0.1763
rs117256269	A	-0.0603
rs147558893	C	-0.1253
rs112436435	C	0.039
rs7030468	T	-0.0449
rs77434312	A	0.0879
rs112630242	G	0.0705
rs117099360	C	-0.0934
rs76311777	G	0.095
rs1577133	C	0.0189
rs113036030	A	0.0603
rs7019994	T	0.025
rs10821062	T	-0.025
rs111870956	C	0.0448
rs433311	C	0.0188
rs10812583	G	-0.0301
rs4878011	A	0.0345
rs150016472	T	0.0856
rs149096215	A	0.0363
rs117075250	T	0.0966
rs146639885	T	-0.095
rs1883023	T	0.0199
rs117027906	A	-0.0583
rs72741497	G	0.0306
rs4419911	G	-0.0993
rs138580995	G	-0.0719
rs16926157	A	0.0345
rs1416551	T	-0.026
rs12347767	C	0.0252
rs117253530	T	-0.0863
rs11794075	G	0.0347
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rs141169301	T	-0.0861
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rs34627722	A	0.0719
rs17454653	C	-0.0264
rs67086694	G	-0.0551
rs74578272	T	0.1228
rs16934069	T	0.0239
rs13298759	G	0.0367
rs13295552	C	-0.0804
rs78644229	T	0.0595
rs76656847	G	-0.1321

rs7855713	G	-0.03
rs140865509	C	-0.0917
rs59082546	G	-0.0262
rs10511730	T	-0.0323
rs144838602	A	0.0506
rs117740340	C	-0.1175
rs34481388	A	-0.0251
rs4509427	T	-0.0322
rs870151	A	0.0173
rs117053302	A	-0.1011
rs117527052	A	-0.0589
rs12378013	T	-0.0567
rs7021634	C	-0.0259
rs35777897	A	0.0665
rs118007455	A	-0.1036
rs1573018	G	0.0177
rs148224867	G	0.1169
rs72696536	G	0.0697
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rs16932291	C	-0.0578
rs4961613	G	0.0728
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rs1339230	G	-0.0173
rs10491606	T	0.0346
rs7867128	A	0.0878
rs10858365	T	-0.0218
rs148293912	A	0.1786
rs112683748	G	0.0986
rs117587250	G	-0.0609
rs118140656	G	0.0822
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rs112556192	T	0.1462
rs11138108	T	0.0177
rs76017116	A	-0.0528
rs72753079	A	0.0525
rs57923575	C	0.044
rs80020558	T	-0.0311
rs10746936	T	-0.0182
rs11142807	A	0.0626
rs10735627	G	0.0392
rs1322055	C	-0.0244
rs11792307	T	0.0317
rs116846139	T	0.1387
rs478695	G	-0.0179
rs700802	G	-0.0213
rs2570967	G	0.0183
rs34952984	A	-0.0676

rs144157767	A	-0.0562
rs117927472	C	-0.088
rs1339243	C	-0.0238
rs1017508	G	0.0184
rs7859252	A	0.1354
rs72721168	C	0.0614
rs72741378	T	0.0686
rs4744476	A	-0.0202
rs74721325	C	-0.0619
rs77665633	T	0.0833
rs13293062	T	0.0372
rs10973874	C	0.0254
rs76299522	C	0.0858
rs13299527	A	0.0283
rs10118127	T	-0.0214
rs59080383	T	-0.0301
rs72730998	A	-0.0467
rs1886524	G	0.0717
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rs11791531	A	-0.072
rs72746433	C	-0.0778
rs10761407	A	-0.0186
rs665130	G	0.0294
rs76689159	G	-0.1506
rs71510235	G	0.1151
rs76573503	T	-0.08
rs7024407	C	-0.0271
rs60872889	T	0.0831
rs13302753	T	-0.0333
rs1360809	G	-0.0384
rs17501156	A	0.0962
rs10992122	G	0.0439
rs16910976	C	0.0254
rs10978704	G	0.0281
rs68017481	G	-0.0262
rs10968258	G	-0.0232
rs78492166	T	0.0653
rs10733611	A	0.0364
rs1419373	C	0.0377
rs62559900	T	0.0572
rs7028273	C	0.0217
rs13288052	G	0.0287
rs141917313	T	-0.1366

rs7038472	T	-0.0898
rs117447729	T	-0.1323
rs78008897	G	0.1061
rs62559944	A	0.0552
rs72745361	C	0.0612
rs10985938	T	-0.0297
rs3758269	A	0.0316
rs75921322	A	0.0871
rs752359	A	-0.0223
rs118037960	T	0.1367
rs10780535	C	0.0181
rs76585134	G	-0.0981
rs76511072	C	-0.0647
rs13283873	A	0.0578
rs118165826	G	0.1307
rs35595167	G	0.0453
rs138923808	A	0.0224
rs117063648	C	0.0684
rs10972604	T	0.0453
rs77249514	T	-0.0861
rs117782957	C	-0.0734
rs7020462	T	-0.0248
rs139261028	A	-0.1036
rs2066414	T	0.0246
rs12350870	A	0.0191
rs72760428	A	-0.0863
rs75785779	C	0.0242
rs75876067	T	0.0948
rs140426593	A	0.0937
rs1106261	A	-0.0177
rs3762076	T	0.0636
rs13296430	C	-0.0171
rs72694641	T	-0.1345
rs296613	A	0.02
rs62566862	A	-0.065
rs79309531	T	-0.0524
rs77485150	A	0.0535
rs1412250	A	-0.0785
rs141822739	T	0.0846
rs74646486	G	0.0553
rs2480214	C	-0.0303
rs1935355	G	0.0449
rs72754227	T	0.0346
rs2416837	G	-0.0323
rs7027464	C	0.0276
rs72704339	C	0.0329
rs118186730	A	0.051

rs147807708	G	-0.0724
rs10115176	T	-0.0211
rs34148766	C	0.12
rs146283605	A	0.0592
rs881178	G	0.0627
rs72746637	T	0.0337
rs78761419	C	-0.0346
rs2478230	C	0.0896
rs62571333	T	-0.026
rs7036453	T	-0.0436
rs111295335	A	0.0722
rs78951991	G	0.0883
rs10984362	G	0.0387
rs7852014	C	-0.0167
rs62581367	G	0.0336
rs548829	G	-0.0513
rs35318469	C	0.0677
rs10965780	C	0.0188
rs3849114	G	0.0334
rs7847295	C	0.0184
rs73426426	A	-0.0518
rs6559957	T	-0.0198
rs3124953	A	-0.0212
rs12378334	G	-0.0196
rs10971038	A	-0.0325
rs79174492	T	-0.0373
rs142135897	T	0.0437
rs111711876	A	-0.0677
rs72739196	G	-0.0363
rs10115967	C	0.0226
rs4745487	C	-0.0576
rs79895530	T	-0.0247
rs79281876	C	-0.0715
rs116890006	G	0.1386
rs72694232	G	-0.0845
rs1411720	T	-0.0183
rs117482175	G	0.0794
rs13298055	T	0.1143
rs75477022	A	0.1496
rs117243979	T	0.0719
rs72733472	A	0.0717
rs71509850	G	-0.0753
rs117979555	G	0.0894
rs117417827	T	-0.0995
rs80119771	A	-0.0272
rs2891177	T	0.0224
rs681410	C	0.0184

rs140098474	A	0.1387
rs79711948	T	-0.0517
rs2487014	T	-0.0247
rs4463498	A	0.017
rs1033866	T	-0.0199
rs2780983	C	-0.0208
rs142398114	T	0.0898
rs150666645	G	-0.0993
rs55832155	A	0.0437
rs10980203	A	-0.0259
rs533549	G	-0.0178
rs76351113	T	-0.0612
rs1341691	T	-0.0968
rs10119777	G	-0.0243
rs142295828	C	-0.0584
rs148877504	T	-0.0889
rs79779614	A	0.0416
rs7042597	C	-0.0176
rs80277240	T	-0.0814
rs10961884	C	-0.0381
rs11790707	A	-0.051
rs10967056	T	-0.0906
rs10814336	G	-0.0263
rs11790223	C	-0.0208
rs142341304	C	0.0766
rs76647193	G	0.0895
rs17713843	A	-0.0364
rs2642413	C	-0.0401
rs10908898	G	0.0176
rs117843929	C	0.1378
rs116842540	T	-0.0442
rs62557119	A	0.0272
rs117227095	G	-0.0654
rs76100797	C	-0.0445
rs17729039	T	-0.0273
rs138859769	C	-0.0953
rs28697880	C	0.0207
rs10984575	A	0.0259
rs10968647	C	0.0243
rs12237774	T	0.1036
rs56157435	T	0.0169
rs118166920	A	0.06
rs838837	T	-0.0621
rs112335762	T	-0.1513
rs7034018	T	0.0225
rs7030558	G	0.024
rs56221881	A	-0.0418

rs10988354	A	-0.0365
rs2478853	C	0.0231
rs79583613	T	0.0612
rs117985479	T	0.0767
rs1777034	G	-0.0264
rs599198	G	0.0781
rs116900844	C	0.0831
rs144345589	T	0.0681
rs112017452	T	-0.054
rs10867933	T	0.0491
rs72739585	C	0.0726
rs2183328	C	0.0179
rs118091887	T	0.0515
rs78944799	C	-0.0335
rs914852	T	-0.0274
rs10815681	T	0.0209
rs914490	G	0.0328
rs66796539	C	-0.1524
rs17540238	C	-0.0496
rs78985042	G	-0.141
rs3818725	G	0.1215
rs791658	T	0.0848
rs10870094	G	0.0211
rs10965649	C	-0.0852
rs876441	A	0.0176
rs1461339	G	0.025
rs67346842	G	0.0603
rs10970969	T	-0.0181
rs62558294	A	0.0759
rs969320	C	-0.0227
rs12553444	G	-0.036
rs111783254	T	0.0375
rs2418424	T	-0.0253
rs75153929	C	-0.0668
rs10115871	A	0.0208
rs146830243	A	-0.1055
rs10809814	A	-0.0354
rs914976	T	0.0322
rs78105708	A	0.07
rs117609354	A	-0.0781
rs75255774	A	-0.0516
rs75999974	G	-0.0392
rs79470696	T	0.0596
rs10978720	A	0.0272
rs10810383	C	-0.02
rs12554940	C	-0.0362
rs10969030	T	-0.0179

rs117695347	A	-0.0763
rs62544706	G	-0.0324
rs72762641	G	-0.0474
rs144044528	A	0.1243
rs10977116	G	-0.0175
rs13284111	A	0.0334
rs12350582	G	0.0262
rs117457077	A	0.0795
rs2940908	C	-0.1041
rs10961876	A	0.0206
rs12553005	G	0.0568
rs12555219	G	-0.0677
rs13287938	T	-0.0303
rs4744145	T	0.0293
rs12006545	G	-0.1295
rs10511626	T	0.0259
rs118114093	C	-0.0811
rs13288951	A	-0.0677
rs11144054	G	0.0863
rs146760700	G	0.1312
rs76356203	G	0.0959
rs951770	C	-0.0264
rs149760032	T	-0.1506
rs149270380	C	-0.0756
rs12554390	T	0.0197
rs73672511	T	0.0276
rs111587878	A	-0.1447
rs148703430	T	-0.0798
rs117612776	T	-0.0517
rs12551926	C	0.0177
rs11788396	T	-0.0339
rs7034405	C	0.0207
rs35918962	T	-0.0301
rs2291958	C	0.0242
rs478436	A	0.0193
rs7849586	G	0.0917
rs10980100	G	-0.0234
rs1252041	A	-0.0269
rs60432824	T	-0.0487
rs115643439	A	0.0342
rs75230822	G	-0.0793
rs12347366	T	0.0176
rs74720570	T	-0.0302
rs17382009	A	-0.0528
rs2184258	T	-0.0175
rs13293794	C	-0.0201
rs62578610	C	-0.0242

rs77120625	C	0.0823
rs10986181	C	-0.0267
rs79401037	C	-0.0661
rs150463991	C	-0.0523
rs117281274	G	-0.1099
rs12335487	G	0.0176
rs10966435	C	-0.0215
rs144667217	A	-0.0701
rs75136270	A	0.0615
rs73653645	T	0.1153
rs144847718	C	0.1021
rs6477476	C	-0.034
rs10818367	A	0.0177
rs7020186	A	0.0264
rs77019497	A	0.0657
rs72717828	C	-0.063
rs10821084	A	0.0276
rs7044651	T	-0.0225
rs76614156	G	-0.1115
rs67412687	A	-0.068
rs9650779	G	0.0214
rs116898230	A	-0.0625
rs10988837	C	0.0224
rs11789947	C	0.028
rs1360619	G	0.0173
rs1220646	T	-0.0226
rs4392977	G	0.0482
rs11791699	A	-0.0232
rs74688776	T	-0.066
rs10512168	G	0.0195
rs10811483	A	0.0255
rs7871096	T	0.0203
rs62571454	C	-0.023
rs7864784	A	0.0205
rs62568207	C	0.0357
rs17649066	C	0.0654
rs117350341	A	-0.0771
rs11103505	C	0.0422
rs10814241	G	-0.0366
rs10759857	G	-0.029
rs72734708	G	-0.0692
rs34381175	C	0.0793
rs17813801	G	0.0214
rs1967891	T	-0.0221
rs75024460	T	0.0495
rs72754635	T	0.1312
rs117017534	T	0.0425

rs73667271	C	0.0426
rs117699530	A	-0.1546
rs7863653	C	0.0181
rs10757575	G	-0.0225
rs3132330	A	0.0182
rs17528412	A	-0.0305
rs117945947	G	0.1041
rs142324479	C	0.0482
rs56310216	C	0.0792
rs10982933	T	-0.0243
rs4741883	C	-0.0259
rs117822062	T	0.0858
rs78295367	T	-0.0577
rs2157716	T	0.0213
rs2275136	G	0.0305
rs117236685	C	0.1139
rs7029836	A	0.0513
rs1631790	T	-0.0576
rs117040311	C	0.0978
rs10121918	A	-0.0177
rs11144772	T	0.0307
rs12156510	G	0.0213
rs72760091	T	-0.0891
rs7047143	T	0.022
rs2382525	C	0.0274
rs10973794	A	-0.02
rs35635132	T	0.035
rs34417811	C	-0.0168
rs12376091	C	0.0196
rs7847839	T	0.0443
rs56202821	A	0.0628
rs34969649	A	0.0847
rs56024916	T	0.0236
rs41273907	C	-0.1563
rs16934264	T	0.0434
rs117922225	A	0.1167
rs72695312	T	-0.0632
rs2380902	T	0.0211
rs78709159	T	0.0799
rs74427190	A	-0.1395
rs58907282	A	-0.0692
rs75194523	G	0.1104
rs532742	A	-0.0215
rs77665299	G	-0.0489
rs10966944	G	0.0438
rs10992889	G	0.0236
rs112911128	C	0.0676

rs12237839	C	-0.0722
rs10491772	G	-0.0184
rs76432366	T	0.1248
rs13288450	A	0.0707
rs10511535	T	-0.048
rs11791423	G	-0.0583
rs10986470	A	0.1009
rs11244281	G	0.0579
rs10125965	C	-0.017
rs62569097	A	0.1168
rs72726065	C	-0.0505
rs79062080	C	-0.0591
rs145775619	G	-0.141
rs7869330	G	0.0184
rs113450918	G	-0.0961
rs855438	C	0.0253
rs17710605	G	0.0322
rs112391657	C	-0.1325
rs3124757	G	-0.0277
rs10818649	C	-0.0169
rs116937286	C	0.1002
rs78118182	A	-0.0626
rs72754394	T	-0.1254
rs72683424	T	0.0375
rs148038223	A	-0.0672
rs58916113	G	0.0482
rs41275930	T	0.0899
rs76670837	C	-0.037
rs36214017	T	-0.0302
rs142818941	T	-0.062
rs4838179	C	0.0176
rs7860507	A	-0.0202
rs56391297	A	0.0335
rs75430432	C	0.0733
rs1867178	A	0.0184
rs10990246	C	-0.0175
rs72743370	T	0.0292
rs73549935	A	0.0358
rs56147443	A	0.0454
rs13295392	G	0.0225
rs62530467	G	0.0423
rs72697936	A	-0.0375
rs2488274	G	-0.0214
rs10985613	G	0.034
rs2293518	A	-0.0197
rs75781806	T	0.0354
rs116910509	A	-0.061

rs4837364	C	-0.024
rs112091734	A	0.0787
rs3827664	C	-0.0219
rs55672367	T	0.0222
rs142764136	A	-0.0646
rs117056887	T	-0.0546
rs7034019	G	0.0343
rs10974619	T	0.0194
rs77395154	T	-0.031
rs13296950	T	0.0281
rs75121961	A	0.055
rs13289474	T	-0.0271
rs116889518	G	-0.0715
rs10118910	G	0.0247
rs112122377	C	0.0909
rs560763	T	0.0876
rs12338452	C	0.0318
rs145815023	G	-0.0974
rs7033777	T	0.0164
rs16931378	A	-0.0502
rs113794486	T	-0.0839
rs7873809	G	0.05
rs79520073	T	0.101
rs140627718	A	-0.0716
rs118035223	A	0.0719
rs118137512	T	0.1013
rs141734262	A	-0.0504
rs12006500	G	-0.0444
rs4526484	A	-0.0217
rs7031337	T	0.0173
rs117349277	T	0.1056
rs353540	G	0.023
rs7028628	G	0.019
rs148964186	T	0.1038
rs16932354	C	-0.0279
rs72695988	G	0.0637
rs7041293	C	-0.0211
rs2135744	C	0.0476
rs144425548	C	0.0522
rs77383859	G	-0.0451
rs118123247	G	-0.0823
rs143617309	A	-0.0802
rs76940577	T	-0.0485
rs2093379	A	0.0643
rs73509999	C	-0.061
rs10759013	A	-0.0289
rs71507880	G	-0.0849

rs62566055	G	-0.0313
rs1147191	A	-0.0238
rs118095785	A	-0.0535
rs10858120	A	-0.0513
rs776776	A	0.0164
rs144390523	G	-0.1092
rs62533675	A	0.0248
rs392125	C	-0.0356
rs145435502	A	-0.0494
rs6559344	C	-0.0197
rs142109743	T	-0.0868
rs10977673	G	-0.0181
rs7862678	A	-0.0224
rs2383096	A	0.0164
rs11144217	T	-0.0207
rs147831758	G	-0.027
rs7047752	T	0.0279
rs10119546	C	0.0906
rs34842950	A	0.0359
rs116950536	C	0.0919
rs78927555	A	0.0377
rs77867855	T	0.0705
rs71503506	G	0.045
rs117545267	A	0.0743
rs78976850	T	-0.0461
rs10993591	A	0.027
rs72758743	T	-0.0558
rs12550943	A	-0.0189
rs72760874	A	0.0678
rs7019151	T	0.0289
rs17786800	A	-0.0467
rs62542329	G	0.0272
rs10814575	G	-0.017
rs2210767	C	-0.019
rs7857883	T	0.0224
rs117049020	G	0.1053
rs143309151	G	-0.0819
rs72737155	A	-0.0366
rs74823744	T	-0.0678
rs12552100	C	0.079
rs12380068	C	-0.0431
rs10993849	A	0.0309
rs2181035	C	-0.0392
rs6479634	A	0.0182
rs4740738	G	-0.0282
rs7857516	G	0.0779
rs787900	T	-0.0242

rs78379155	T	0.0855
rs329197	T	-0.0315
rs118106262	C	-0.0672
rs117035346	T	0.088
rs10820080	C	0.031
rs117034071	A	0.0368
rs118050357	A	0.1284
rs28877118	C	0.0462
rs10817687	G	-0.0782
rs76577739	A	0.0487
rs72718877	C	0.0512
rs4877564	C	0.0188
rs56083858	T	-0.0743
rs55919029	G	0.097
rs7856552	A	-0.0529
rs55689715	C	-0.021
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rs13289548	A	0.0726
rs140987669	G	-0.0955
rs72737776	G	-0.0553
rs79325207	T	0.0375
rs10759825	C	0.0161
rs237625	G	0.0246
rs62578318	A	0.0239
rs41273386	T	0.0569
rs3132317	T	-0.0333
rs117435320	A	0.1422
rs13288666	C	-0.0693
rs62568072	T	0.1545
rs1931095	T	-0.0259
rs7869537	C	-0.0311
rs12551145	A	-0.0313
rs72710509	G	-0.0745
rs7862766	T	0.0236
rs7039494	T	-0.0212
rs10867204	C	-0.0455
rs10974770	T	-0.0196
rs62565992	T	0.0277
rs75211280	T	0.0512
rs1052462	T	0.0238
rs10970568	T	0.0445
rs79813326	A	0.0569
rs72757431	C	-0.0999
rs2296875	G	-0.0483
rs10124385	G	0.0489
rs118136804	C	0.0663
rs913990	G	0.0191

rs1803716	C	0.075
rs10124670	C	0.0565
rs6537996	C	0.0687
rs10958998	G	-0.0517
rs1341764	T	-0.0437
rs9776338	G	-0.0192
rs74473753	A	0.1044
rs150134338	A	-0.115
rs61237993	A	-0.024
rs78095464	T	-0.0472
rs1460832	A	0.0332
rs139642100	G	-0.089
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rs114866437	C	-0.0713
rs16928463	T	0.0784
rs10962743	C	-0.0229
rs4745500	A	0.0196
rs7036183	C	0.0184
rs12346867	A	0.0206
rs116977988	A	-0.1175
rs62533473	G	0.0391
rs147419327	G	-0.0298
rs72753718	A	0.1011
rs16915924	C	-0.0257
rs148720641	G	0.0787
rs147851904	C	-0.0668
rs7047255	C	0.0636
rs112359565	A	0.0627
rs7048235	C	0.0211
rs75550520	A	-0.0725
rs62574318	A	0.0291
rs62577207	C	0.0482
rs11788465	T	-0.0604
rs10869516	C	0.0189
rs138447739	G	-0.074
rs56411590	G	0.1314
rs1339283	A	0.0221
rs35217189	G	-0.0748
rs149977854	C	-0.1217
rs116898070	A	-0.1117
rs118115258	C	-0.0749
rs75354225	A	0.0234
rs11145797	A	-0.0214
rs62554453	G	0.044
rs147396438	C	-0.0735
rs10115114	G	-0.0184
rs117122687	G	-0.0239

rs78327215	G	0.0718
rs4838102	T	-0.0259
rs12344789	A	0.0289
rs3750343	A	0.0164
rs140193010	T	-0.0684
rs10813389	C	0.0578
rs72737058	T	0.017
rs1927156	G	0.0915
rs117297109	T	-0.0469
rs12351466	A	-0.0231
rs143322388	G	0.0865
rs7865034	T	0.0418
rs117946145	C	0.0459
rs76672098	C	-0.127
rs11243922	A	-0.0239
rs73648437	C	0.0336
rs144538449	T	0.0903
rs7045859	G	-0.0179
rs35116093	G	-0.0642
rs41274258	G	-0.0705
rs10491725	T	0.0171
rs12235737	G	0.0253
rs10819931	T	0.0505
rs142356117	T	-0.0996
rs149397631	C	0.0986
rs144303059	T	-0.1413
rs76433012	A	0.0456
rs2001866	T	0.0232
rs7855046	C	0.0199
rs138652792	G	-0.0845
rs79515469	C	-0.0782
rs62574363	C	0.0656
rs7855901	A	0.0167
rs10118601	C	0.0241
rs117299037	G	-0.0995
rs10962635	T	0.0644
rs117461324	T	0.1105
rs817861	G	0.0455
rs35492632	A	0.0345
rs34890487	C	0.0366
rs475378	C	-0.0836
rs55909589	A	0.1049
rs150507973	A	0.0376
rs787894	T	-0.0164
rs10283920	T	-0.0221
rs66515112	T	0.0357
rs7045004	A	0.0645

rs10816914	A	0.0175
rs17292683	C	0.0168
rs11140919	T	0.034
rs113758230	T	-0.1086
rs10961867	G	0.0274
rs117707475	T	-0.0574
rs7865374	T	-0.0403
rs10982661	T	0.0254
rs78054337	T	0.1159
rs7025850	C	0.016
rs55817693	A	0.0239
rs1854139	A	-0.0175
rs7873215	A	-0.0299
rs12344977	T	0.0197
rs10984747	C	0.0414
rs4743097	C	0.0158
rs17402080	T	0.0934
rs35669748	C	-0.0318
rs73556903	T	0.0299
rs11144782	G	0.0224
rs73504370	C	0.0483
rs75524594	A	-0.0396
rs111705906	G	0.0301
rs1036106	A	0.024
rs7851492	C	-0.0468
rs145211093	T	0.113
rs10120386	T	0.0303
rs116922910	A	-0.0997
rs36068483	G	0.0446
rs78038372	G	-0.0658
rs895192	T	-0.0226
rs10813970	G	-0.0394
rs10990654	A	-0.0162
rs74917204	G	0.0606
rs59080656	A	0.0244
rs79177442	A	0.1435
rs11793393	T	-0.0382
rs150246710	A	0.121
rs2777020	G	-0.0193
rs1777041	G	-0.1338
rs2148583	C	0.0312
rs141780402	A	-0.1432
rs67776235	A	0.0255
rs62560460	T	0.0425
rs13293416	C	-0.0483
rs9696014	A	-0.0389
rs11141764	T	-0.0168

rs7854428	G	-0.0168
rs150310731	G	-0.1512
rs308493	A	-0.0247
rs35865943	A	-0.0177
rs17403578	A	-0.0407
rs145507675	T	0.1197
rs74558293	A	0.0728
rs140475696	C	-0.1747
rs12378647	G	-0.0166
rs12343144	T	-0.0238
rs1769256	A	-0.0585
rs3747533	G	-0.0279
rs10121017	A	-0.0193
rs113790440	T	-0.0904
rs77712477	A	0.0887
rs539813	C	-0.025
rs10745400	A	0.0225
rs146683376	C	-0.0621
rs1940244	G	0.0164
rs12342211	T	0.0644
rs10776868	A	-0.0271
rs7872232	A	-0.0194
rs72760139	T	0.0483
rs4307422	A	0.0539
rs62573505	G	0.017
rs112578134	C	-0.0835
rs1213265	C	-0.0334
rs72702518	C	-0.0709
rs77054814	G	0.0432
rs148732050	C	-0.1785
rs111846139	A	0.0724
rs12235175	T	0.0331
rs2842481	C	-0.0159
rs62570790	A	0.0445
rs1339359	T	-0.0177
rs76797338	T	-0.0623
rs143790240	T	-0.1232
rs2808801	T	0.0172
rs80015808	T	-0.097
rs116929923	T	0.0618
rs76187699	T	0.0642
rs7875271	A	0.0707
rs143803339	G	0.1617
rs41312188	A	-0.0485
rs117769391	G	0.0998
rs10122461	T	-0.0215
rs150585886	T	-0.1008

rs143233509	G	-0.1183
rs139412433	A	0.0186
rs17724210	A	0.0503
rs3824437	A	0.0369
rs76134135	A	0.05
rs10511631	G	0.0632
rs72702001	G	-0.0528
rs111992032	A	0.0698
rs302917	C	0.0248
rs75382043	A	0.0692
rs13285464	G	0.0176
rs56218359	C	-0.0245
rs11144072	C	0.0299
rs12554262	T	-0.0345
rs62533939	G	0.0331
rs62543624	A	0.0195
rs117517710	T	-0.1053
rs138180812	G	0.1054
rs16915689	G	-0.0936
rs117210949	G	-0.0952
rs7873724	G	-0.0599
rs10958969	G	0.0484
rs7854010	C	-0.0217
rs111967890	A	-0.1095
rs1619211	C	-0.0249
rs970904	A	0.0261
rs68041730	A	-0.0803
rs117689786	A	0.0618
rs34680427	G	0.0189
rs12003643	G	0.0241
rs12379828	G	-0.0519
rs7390449	T	0.0817
rs116661350	T	0.057
rs3814542	C	-0.0203
rs7855257	C	0.0191
rs145186633	G	-0.1294
rs72717865	G	-0.0219
rs76972116	A	-0.0624
rs2184744	C	-0.0598
rs726900	G	0.0264
rs35223569	T	0.058
rs143480008	C	-0.0325
rs56327216	G	0.0164
rs79285457	T	0.0507
rs820495	C	-0.0211
rs76584426	T	0.0517
rs10115020	G	-0.0178

rs41275920	T	-0.0484
rs7022774	G	-0.0229
rs13290407	G	0.0697
rs75660742	G	-0.0767
rs142680652	A	-0.1191
rs512089	C	0.0176
rs353797	G	-0.0194
rs1946588	A	-0.0194
rs11795285	T	0.0435
rs76455554	A	-0.1504
rs144373845	G	0.0983
rs62537497	A	-0.0339
rs4977887	G	0.0165
rs138683682	T	0.1231
rs10969539	A	0.0201
rs11140417	G	0.0772
rs143371526	G	0.1046
rs62532824	T	-0.0278
rs139284637	A	-0.073
rs76216092	A	-0.0493
rs151083278	G	0.0898
rs11143542	C	0.0505
rs143972629	G	-0.0943
rs6477645	A	0.0267
rs10810063	G	0.0167
rs78351162	A	-0.0875
rs28650195	C	0.0344
rs17458750	C	0.0169
rs79668530	T	-0.0492
rs13290694	T	-0.0896
rs78662765	A	-0.0881
rs13299265	A	-0.0297
rs12002084	C	0.0862
rs117176224	A	-0.0776
rs72779268	A	-0.048
rs10156626	A	0.0207
rs76224851	G	-0.0877
rs11138635	G	-0.0173
rs1331665	T	-0.0175
rs10114474	G	0.0269
rs10757122	C	-0.0261
rs116879658	G	-0.0755
rs28829689	T	0.0338
rs142720145	T	-0.0553
rs143330436	T	-0.113
rs142712046	G	0.0939
rs138943287	T	0.039

rs10992075	G	-0.0173
rs35653565	A	0.0248
rs1213281	C	0.0195
rs296724	C	0.0183
rs7875004	A	0.0562
rs75058897	A	-0.0494
rs17419611	T	0.0216
rs10809874	G	0.0353
rs117286934	T	-0.0756
rs76697639	G	0.0745
rs12346760	G	0.0361
rs117124067	T	-0.0842
rs111539224	G	0.0522
rs11103632	T	0.0176
rs7025704	C	-0.0339
rs7867992	C	0.0171
rs151143049	C	0.0852
rs35527067	T	-0.1098
rs80038149	T	0.0512
rs7023142	T	-0.0702
rs141185387	G	0.1057
rs72744721	A	-0.0804
rs118181713	G	-0.1013
rs16931666	T	0.0442
rs10980531	A	0.0204
rs10818679	C	-0.0596
rs55817703	T	0.0363
rs59961223	T	-0.1152
rs74362958	T	0.0627
rs118178916	T	-0.1088
rs76064045	G	-0.0456
rs4841977	G	0.0189
rs11103123	C	0.0294
rs79170989	A	0.1153
rs17480929	T	-0.0932
rs10512176	C	0.0177
rs73498748	C	0.0366
rs10816522	T	0.0239
rs12555630	A	-0.0343
rs1981263	C	0.022
rs13299888	A	0.1182
rs78951248	A	0.0899
rs10964006	G	-0.0194
rs62546068	A	-0.0703
rs10858360	T	0.0181
rs10987680	A	-0.1243
rs76280723	A	-0.1036

rs13302081	A	-0.0159
rs10901094	C	-0.0194
rs60838393	A	-0.0348
rs10973682	A	0.0224
rs146680835	C	-0.0798
rs7853267	T	0.017
rs4877479	A	0.0745
rs117415360	T	-0.0818
rs113830752	T	-0.0903
rs13291383	C	-0.0194
rs56270997	G	0.0573
rs116588575	G	-0.1144
rs72747953	A	0.0436
rs143007223	C	0.0709
rs77503571	C	0.114
rs28699275	T	0.078
rs75205480	G	0.0443
rs9410375	C	-0.027
rs1220658	G	0.0168
rs1890539	T	0.0157
rs151062364	T	-0.1193
rs62578969	T	0.0518
rs140286656	G	-0.054
rs145637488	C	-0.0686
rs148724173	A	-0.0347
rs3904469	T	-0.0327
rs35819598	T	-0.0525
rs11574908	A	0.0469
rs12686726	T	-0.0309
rs62534681	C	-0.1224
rs55990374	T	0.0392
rs11556126	G	0.0721
rs75487122	A	0.0656
rs1535479	C	0.0228
rs1265917	A	-0.0157
rs80186693	G	0.0849
rs10810374	C	0.0183
rs3750551	A	0.0256
rs12379445	G	0.0159
rs72740695	G	-0.0761
rs2805787	G	-0.0205
rs72700799	T	-0.0629
rs149055770	A	0.0705
rs4517213	G	-0.018
rs145987219	T	-0.0658
rs2095015	T	-0.0944
rs10991991	T	0.0241

rs10983093	G	0.021
rs138579182	A	-0.1099
rs74622034	C	0.0755
rs10975181	C	-0.0307
rs17785979	A	0.0371
rs142192016	T	0.0485
rs77545353	A	0.0719
rs79349860	A	0.0587
rs3409	C	0.0208
rs654611	C	-0.0162
rs10968385	C	0.0238
rs73664150	A	0.0554
rs117572524	T	0.0609
rs1147796	C	0.0374
rs147849947	C	0.0827
rs146733170	G	0.0812
rs11791823	T	0.0217
rs10118404	A	0.0209
rs3758214	T	-0.0519
rs117355427	T	-0.0507
rs1875238	C	0.0221
rs7039369	A	0.0154
rs72756269	A	-0.0559
rs16911452	A	0.0816
rs144679341	G	-0.0646
rs9409332	C	0.0509
rs10970868	T	0.0243
rs72712913	G	-0.0626
rs1932701	G	0.0233
rs143759825	G	0.0844
rs1997242	T	0.0294
rs117179150	A	-0.0664
rs71497139	A	0.0473
rs11789584	A	0.0681
rs6537893	A	0.027
rs147004430	G	0.0809
rs1778990	A	0.0227
rs549365	A	0.016
rs56879931	C	-0.0233
rs115581655	A	0.075
rs2488556	T	-0.0245
rs72704003	C	0.0878
rs55775310	T	-0.0239
rs74559033	T	0.0673
rs113454174	A	0.0603
rs75291557	T	0.0825
rs115641159	T	-0.0673

rs12337816	C	0.0241
rs76670825	A	-0.0807
rs7033320	G	0.0157
rs139725756	C	-0.1183
rs1007834	T	-0.016
rs10810062	C	0.0974
rs4069885	C	0.0251
rs11536675	C	0.0204
rs12554601	A	-0.0174
rs115556035	T	-0.079
rs142862631	T	0.1106
rs2104340	C	-0.0194
rs17174950	T	0.024
rs17736401	T	-0.0723
rs76115167	C	-0.0952
rs71498475	A	-0.037
rs3118854	T	-0.0174
rs116684774	A	-0.1085
rs77587413	A	0.0383
rs62548847	A	0.0823
rs12352609	C	-0.0158
rs12351071	A	-0.0502
rs10982776	G	0.0208
rs117922585	G	0.0534
rs4133033	A	-0.0158
rs144504148	A	-0.1091
rs10124337	G	0.0204
rs4740746	C	0.0206
rs17431767	A	0.0886
rs12349353	G	-0.0987
rs7858794	T	-0.065
rs72767254	T	0.0633
rs7047941	T	0.0181
rs6478376	C	0.018
rs78687085	A	0.0347
rs79056907	A	0.0397
rs10283531	T	-0.0296
rs141242078	G	0.0711
rs3818711	A	0.0242
rs78795763	A	0.0271
rs12336026	A	-0.0724
rs74961069	T	-0.0344
rs117313574	G	-0.044
rs10981498	A	0.0787
rs35906864	T	-0.0293
rs991794	C	0.0197
rs10815282	C	-0.0954

rs10820179	G	0.0158
rs7860998	C	0.0239
rs1760111	C	-0.0161
rs1887769	T	0.0163
rs10989055	C	-0.0155
rs117918536	T	-0.065
rs10987473	T	-0.0208
rs117421368	C	-0.0471
rs17202166	A	-0.1139
rs62567583	A	-0.0283
rs4741844	A	0.0458
rs16909000	T	-0.0561
rs73392789	A	-0.0699
rs77447215	A	0.0889
rs13291966	C	-0.0154
rs7863089	C	0.022
rs12338845	T	-0.0159
rs10810702	A	0.019
rs41305325	C	0.0738
rs62578156	G	0.045
rs76198225	G	0.0596
rs73657367	A	-0.0462
rs2381616	C	-0.0163
rs1581978	C	-0.0168
rs75370868	G	-0.0752
rs290213	C	-0.0201
rs1172665	C	-0.016
rs10960480	C	-0.019
rs10963978	A	-0.0573
rs72732065	T	-0.0252
rs13288034	A	-0.0438
rs143859682	T	0.0777
rs12555245	G	-0.0373
rs4742330	A	-0.0196
rs117355683	T	-0.0984
rs140984782	T	-0.0499
rs17304082	G	0.0457
rs146774711	G	-0.0726
rs117459464	G	0.0832
rs10815632	G	-0.0178
rs1231334	T	0.0195
rs10968156	C	0.0873
rs79925195	G	0.0357
rs143851911	C	-0.0247
rs117402669	T	-0.0795
rs76127306	C	0.025
rs112165735	T	-0.0788

rs146293504	C	0.0267
rs62576198	T	-0.1029
rs78692103	A	0.0523
rs113625520	C	0.0733
rs10867627	A	0.0169
rs112173317	A	0.058
rs13292451	A	-0.0224
rs141919863	A	0.0833
rs2777678	C	-0.019
rs10817863	T	0.0177
rs11103567	G	0.016
rs76353290	G	-0.0732
rs77744982	C	0.0493
rs75282440	A	0.0799
rs10776832	C	-0.025
rs55700914	G	-0.0301
rs75504424	T	-0.0489
rs10819926	C	0.0167
rs75824721	T	-0.054
rs62581029	T	0.0286
rs55641349	T	-0.0364
rs13297922	A	-0.0454
rs117406814	A	0.077
rs2026149	G	-0.0287
rs117092913	C	-0.0978
rs13290260	A	-0.0375
rs4599906	A	0.0198
rs7866316	A	0.0204
rs2417062	A	0.0993
rs697048	T	0.0484
rs12345685	G	-0.0419
rs2249576	T	-0.0214
rs2818864	C	-0.0193
rs12342539	T	0.0222
rs118182632	T	0.061
rs7468101	C	-0.0379
rs13290953	T	-0.0157
rs62533987	G	-0.0334
rs62562237	C	0.0167
rs41279557	A	0.1019
rs36021747	G	0.1027
rs10993244	G	0.0288
rs77116949	A	0.0748
rs80045011	A	-0.0479
rs72719288	C	-0.0767
rs10814849	C	0.0175
rs17323923	T	-0.0289

rs79946227	G	0.0501
rs147302158	G	-0.0928
rs147243810	C	0.072
rs77135520	T	-0.0544
rs4917339	T	0.0173
rs56863870	C	0.0589
rs62575390	A	-0.0549
rs1000510	G	-0.0305
rs1062665	T	0.0334
rs16929976	A	0.0624
rs4313211	A	-0.0195
rs72755068	A	-0.0374
rs4262379	C	-0.0166
rs74668374	C	-0.0463
rs6476701	G	0.1017
rs76679743	A	-0.0795
rs75202268	T	0.0812
rs7873642	T	0.0181
rs72753053	C	0.034
rs773282	T	-0.0201
rs79153724	A	0.0576
rs117890396	G	0.0957
rs113396007	G	0.1072
rs16936187	A	0.0405
rs10964264	T	0.0301
rs112463840	G	0.0907
rs72712890	T	-0.0491
rs72621408	A	0.0322
rs731268	C	0.0286
rs151015421	T	0.1003
rs78904538	G	-0.0219
rs57052773	C	-0.0604
rs34944911	T	0.1004
rs78250150	C	-0.1006
rs12551587	A	-0.0822
rs35836706	A	0.096
rs75252958	A	-0.022
rs843160	G	0.0258
rs12686437	T	0.0835
rs12003158	G	-0.0759
rs72703049	A	0.1011
rs117908408	G	0.0587
rs11794478	A	-0.0246
rs118036419	A	-0.071
rs62577006	T	0.0499
rs117817197	A	0.0768
rs6560104	C	-0.0182

rs117663452	T	0.0882
rs17652574	G	-0.0257
rs7874975	A	-0.0149
rs74732462	A	-0.047
rs36119806	A	-0.0285
rs78748664	A	0.0563
rs11138479	G	-0.0202
rs77204621	G	-0.0439
rs113606622	C	-0.0716
rs71501882	C	-0.0389
rs514309	A	0.0181
rs11789230	G	0.0977
rs113975639	T	-0.1141
rs12552152	G	0.0856
rs79480631	T	0.0504
rs118006927	G	0.0442
rs117602095	A	0.0523
rs148311492	G	-0.018
rs117943175	G	-0.0462
rs911691	T	-0.0184
rs10961929	T	-0.0188
rs2383071	A	-0.0178
rs10973081	T	-0.02
rs7049033	C	-0.0497
rs74609357	G	-0.0602
rs11515333	T	-0.0165
rs3025316	C	-0.0257
rs13347415	A	-0.0898
rs10967188	G	-0.0206
rs78921718	G	-0.0824
rs59589985	T	-0.0522
rs117089293	G	0.1399
rs117559916	A	0.0881
rs10974587	C	0.0172
rs13301049	A	-0.0194
rs7875247	C	-0.0179
rs11141002	G	-0.0405
rs117894448	C	0.1201
rs12552019	G	-0.0683
rs7871616	T	-0.0162
rs1446270	T	-0.0252
rs140528937	A	-0.1097
rs10976650	G	0.0199
rs1572137	C	-0.0159
rs147930707	T	0.1231
rs72759169	C	0.031
rs76541742	A	0.0575

rs13287986	T	0.0577
rs3849867	A	-0.035
rs1329049	G	-0.0187
rs34870904	T	-0.0315
rs77310072	A	-0.0509
rs11140030	T	0.0424
rs11792136	C	0.0528
rs13286596	C	0.0167
rs4744100	G	-0.0326
rs2900252	C	-0.0212
rs77455504	T	0.0969
rs77594914	C	-0.0588
rs1828886	G	0.0156
rs75249285	G	-0.0863
rs75053757	A	0.0769
rs57136740	A	0.0155
rs6478652	T	0.0179
rs932887	G	0.0152
rs10978859	G	-0.1065
rs390623	G	0.0224
rs78706485	T	0.1368
rs13293620	T	-0.0773
rs4741450	T	-0.015
rs113261688	T	-0.0302
rs75941351	G	-0.0662
rs144033789	G	-0.0874
rs16923193	C	-0.0263
rs11145866	G	0.05
rs60600345	C	0.0263
rs116917011	T	0.0488
rs56153174	G	0.0755
rs12335367	C	-0.0204
rs13294066	G	-0.0193
rs10990204	C	0.0289
rs79960429	T	0.0779
rs10993339	C	-0.0657
rs117649440	C	-0.0623
rs78634299	A	-0.0786
rs4880043	T	-0.0188
rs142995020	C	-0.0567
rs11790540	C	-0.0482
rs17216679	G	-0.0925
rs35185125	A	-0.1394
rs4255205	C	-0.0153
rs143055801	T	0.0437
rs10814442	T	-0.0155
rs16918101	T	0.0357

rs62581178	T	-0.0601
rs118148110	A	-0.0649
rs4512434	C	-0.0181
rs16917411	T	-0.0744
rs3810930	G	0.0308
rs10511903	T	0.0255
rs12553540	A	0.043
rs117496002	G	0.0813
rs2486384	T	0.075
rs75910082	G	0.1214
rs10980747	G	0.109
rs76087112	T	-0.1009
rs80316333	T	0.0555
rs72757740	T	-0.0284
rs10973355	C	0.0207
rs1332192	A	0.015
rs74761483	A	0.1027
rs13292581	T	-0.0311
rs4295714	G	0.0172
rs72735306	T	0.0256
rs11144768	T	-0.072
rs10977075	C	-0.0286
rs76011712	G	-0.0849
rs36228005	T	-0.0515
rs10448294	T	0.0851
rs73642330	C	-0.027
rs61548263	C	0.0642
rs72735666	G	0.0222
rs1018587	A	0.017
rs80220549	T	-0.0968
rs10972095	A	0.0158
rs138392414	G	0.0613
rs12349832	G	0.0162
rs7466603	T	-0.0164
rs4740561	A	-0.0163
rs16925473	A	-0.0274
rs76955518	A	0.083
rs113591087	G	-0.0856
rs1819640	C	0.0156
rs12000829	C	0.0195
rs10980604	A	-0.0771
rs79829688	T	0.0601
rs56330010	C	0.02
rs72757943	A	-0.0616
rs3124599	A	0.0338
rs7046644	C	0.0192
rs10974360	G	0.0253

rs77014507	C	-0.0211
rs13294994	T	0.0301
rs13286274	C	-0.0239
rs142763992	T	-0.0436
rs12343732	T	0.0847
rs34107454	A	0.0345
rs1831166	A	0.0164
rs7855521	C	0.0175
rs140084717	T	-0.0973
rs10759329	A	0.0154
rs76792551	G	0.0754
rs1545229	T	-0.0151
rs144586524	T	0.0816
rs10962350	T	0.03
rs10512044	A	-0.1003
rs7026423	A	0.0301
rs9696538	A	-0.0858
rs78352478	C	0.0703
rs78255232	A	0.0705
rs72740362	G	0.0204
rs149792170	G	-0.0929
rs141947441	T	0.0613
rs75610529	T	0.0763
rs1891633	C	0.0294
rs117664865	G	-0.0673
rs2151376	T	-0.0174
rs76518888	C	-0.07
rs62579577	A	0.0469
rs72714949	G	-0.0471
rs996502	A	0.0155
rs7034672	A	0.0318
rs117092229	A	-0.1132
rs76072683	G	0.0688
rs76828694	T	0.0642
rs12336273	T	-0.0448
rs7033398	C	0.0194
rs79827783	G	0.0304
rs7867345	A	-0.0157
rs62578745	A	-0.0359
rs62569127	T	-0.0581
rs74990204	T	-0.0415
rs12341812	C	-0.0546
rs79446073	T	-0.028
rs142750734	T	-0.1024
rs72739528	T	-0.036
rs78401681	A	0.076
rs57403314	T	-0.0184

rs145880920	A	-0.0761
rs55913446	C	-0.0317
rs71508837	T	-0.0257
rs4742188	A	0.0277
rs78242187	T	-0.0759
rs10979982	C	-0.0243
rs2441999	C	0.0932
rs17699846	C	0.0818
rs78774827	T	0.068
rs10757370	T	-0.0233
rs13286385	T	0.0273
rs34520698	G	0.0634
rs142116470	C	-0.0914
rs575107	A	0.0275
rs6475184	A	0.0262
rs117255426	C	-0.0916
rs4506274	T	0.0152
rs7859384	A	0.0196
rs79269187	C	0.0829
rs117386836	A	-0.0716
rs28864526	T	0.0306
rs1328157	T	-0.015
rs13297009	C	0.0176
rs1714492	T	-0.0157
rs7025959	A	-0.0156
rs2030643	G	0.026
rs56068987	C	0.0632
rs73651763	T	-0.0337
rs149391267	T	0.0663
rs75291803	A	0.072
rs2377527	T	-0.0191
rs10976549	G	0.0182
rs12345640	C	-0.0372
rs13300483	T	-0.0178
rs62547351	C	-0.0362
rs4977394	A	-0.0159
rs12347915	G	0.0176
rs112386070	T	0.0865
rs7040161	T	0.0603
rs4961480	C	0.0155
rs72738458	A	-0.0263
rs10985375	A	-0.0279
rs143384998	C	0.1064
rs113413004	A	-0.0518
rs72762579	T	-0.0366
rs10984807	C	0.0196
rs74929585	T	-0.0347

rs1759102	G	0.0301
rs150398223	A	-0.0732
rs75183365	T	-0.0387
rs2057429	G	-0.0177
rs62546561	A	-0.0256
rs1417290	G	-0.0396
rs10985823	A	-0.0768
rs78295184	T	-0.108
rs34694656	C	0.0169
rs79759371	A	0.0572
rs10978535	C	0.0159
rs74631891	A	0.0674
rs4962058	A	0.0434
rs144906897	A	-0.0701
rs7029924	T	0.0181
rs117569258	G	0.0538
rs72754725	A	0.0897
rs1854580	C	0.1182
rs113782033	T	-0.0382
rs78515955	A	-0.0551
rs12555559	C	-0.0365
rs561921	G	-0.0173
rs117763035	T	-0.076
rs72752741	T	0.1001
rs10491701	C	-0.0165
rs78918586	C	0.0799
rs72747402	A	-0.0573
rs36118163	A	0.0232
rs72758102	G	-0.0536
rs2094843	C	-0.0163
rs117305034	G	-0.0629
rs1342478	A	-0.0171
rs2987388	C	0.0157
rs13291648	C	-0.0756
rs142033348	C	-0.0638
rs10511904	A	0.0215
rs1566977	T	-0.0167
rs12377636	A	-0.0393
rs117716626	C	-0.052
rs7852119	G	-0.0155
rs10815807	T	0.0385
rs76729265	G	-0.0929
rs62560885	T	-0.0263
rs13289481	T	0.0237
rs74606850	A	0.033
rs72752356	A	-0.0497
rs2542242	G	-0.0144

rs147723185	G	0.0675
rs1543714	A	0.0197
rs10988639	G	-0.0192
rs138411906	C	-0.1251
rs111716539	G	-0.0843
rs78939612	A	-0.0449
rs10981010	T	0.0899
rs111520336	C	-0.0636
rs10901286	G	-0.0227
rs117152137	A	0.1124
rs150519435	C	0.0555
rs79147978	C	-0.0466
rs79994137	T	-0.0369
rs34926332	T	-0.0173
rs818691	T	-0.0174
rs113717506	G	-0.0964
rs116999229	G	-0.0349
rs147063834	T	-0.044
rs17753733	G	-0.0297
rs74612843	G	0.0404
rs117384550	A	-0.0753
rs2809098	T	-0.0546
rs112499217	T	0.0232
rs7865744	A	-0.0225
rs3004297	G	0.0165
rs13287495	C	0.0157
rs4836926	G	0.0256
rs7852791	T	0.018
rs13340663	A	0.0813
rs9696452	C	-0.0933
rs7860519	A	-0.0152
rs10867765	T	-0.0532
rs11999144	C	0.0706
rs17712104	T	0.0268
rs72737391	G	0.0677
rs12684129	C	-0.0548
rs112833505	A	0.0611
rs11103115	T	-0.0167
rs951683	T	-0.0156
rs10984601	G	-0.0169
rs117515468	C	0.0521
rs77749283	A	-0.041
rs62529068	C	-0.0398
rs10979708	C	0.0215
rs17355986	T	-0.0691
rs10974356	A	0.0381
rs2997555	C	0.0244

rs79143105	C	-0.0627
rs5025554	C	0.0225
rs142103279	A	0.076
rs149102791	T	-0.0995
rs13299248	A	0.0764
rs112319956	A	0.0569
rs7044619	G	0.0191
rs534286	G	0.0161
rs143203801	A	0.0748
rs2026367	T	-0.0249
rs3001093	A	-0.016
rs1602261	T	-0.0161
rs11137835	T	0.0149
rs1331453	G	0.0246
rs72752009	A	-0.0178
rs80106043	A	0.0619
rs13292026	A	0.048
rs113271620	C	-0.0934
rs6537935	T	0.0171
rs2120718	T	0.0178
rs112896200	A	0.0705
rs72735013	A	-0.0486
rs13287677	C	0.0519
rs34971891	A	0.0242
rs7865532	C	0.0172
rs79319315	T	0.0276
rs79520978	T	-0.1044
rs10759353	G	-0.0147
rs12339669	T	0.0238
rs10217669	T	-0.0315
rs12351786	G	-0.0144
rs34810239	C	0.0965
rs72731710	C	0.0408
rs1413797	T	0.0266
rs62532794	A	-0.0521
rs10817933	G	0.015
rs10901309	T	-0.0158
rs115584773	C	-0.091
rs117403226	C	0.1111
rs2224446	C	0.0149
rs148646145	G	-0.0853
rs4387047	T	0.0563
rs147070466	T	0.1035
rs7031957	C	-0.024
rs62568532	T	0.0296
rs77594518	T	-0.0346
rs59749808	A	-0.0242

rs113839125	G	-0.0292
rs118075144	A	0.0626
rs80323925	C	-0.0495
rs7851187	G	0.0241
rs142814763	G	0.0625
rs74902322	C	-0.0237
rs62566789	C	-0.0821
rs11139447	C	0.0405
rs35871706	A	0.0331
rs2484740	C	0.0219
rs6475228	G	0.0157
rs2811772	C	0.02
rs72737635	A	0.041
rs12685507	C	0.0307
rs7043258	G	0.0518
rs1475105	C	-0.0483
rs138393743	T	0.0708
rs2140465	A	0.0152
rs73479419	A	0.0222
rs76008474	T	0.0706
rs72735439	T	0.0236
rs150108653	C	-0.0644
rs10757501	C	0.095
rs62584063	T	-0.0179
rs12555482	G	0.0667
rs60498728	A	-0.135
rs13287915	G	0.0193
rs10818930	T	-0.0185
rs57738649	T	0.0346
rs139634461	T	-0.0733
rs4014074	G	-0.0796
rs77225474	T	-0.061
rs3010679	G	0.0157
rs12685185	A	-0.0608
rs10812746	T	0.015
rs76782461	G	0.0268
rs7860370	C	0.0188
rs10760637	G	0.0226
rs10816997	G	0.0241
rs12346244	A	-0.054
rs78997789	G	0.0381
rs12340267	C	0.0356
rs12684475	C	0.0185
rs79624842	T	0.0868
rs117257076	C	0.073
rs112997473	T	-0.0568
rs16909285	T	0.0679

rs116877633	C	0.062
rs55680757	T	0.05
rs10811812	G	-0.0157
rs80094297	A	0.1086
rs117492258	A	0.0636
rs10987616	T	0.0205
rs12346951	T	0.0247
rs7041223	T	-0.0165
rs62547104	A	0.0324
rs7852051	T	0.0173
rs117385435	A	-0.0341
rs10813033	G	0.0227
rs71507372	A	0.0197
rs139015755	A	-0.0513
rs12553956	G	-0.0158
rs11243620	A	-0.0179
rs10124781	T	-0.0187
rs79002672	A	0.0598
rs35005176	T	0.0947
rs1927316	C	-0.0159
rs117295779	T	0.0999
rs117888210	T	-0.0798
rs67851409	A	0.0203
rs9696018	T	-0.0259
rs116975482	A	0.0833
rs1049927	C	-0.0223
rs670051	C	0.0299
rs549861	T	0.0202
rs17384966	C	0.0267
rs111447399	A	0.0571
rs2106116	T	-0.0175
rs140499399	A	0.1147
rs267571	T	-0.0165
rs144196626	A	0.1152
rs2518711	T	-0.111
rs7024766	A	0.017
rs117819581	T	-0.0661
rs55859521	T	-0.0888
rs16919104	T	0.0643
rs16926016	C	0.0184
rs72686877	A	0.0257
rs113580771	G	-0.0385
rs77394667	A	-0.0224
rs74964712	A	0.0377
rs75646069	G	-0.092
rs10965488	G	-0.0147
rs60154898	A	0.0526

rs7029903	A	0.0187
rs143040347	A	0.0693
rs17456563	T	0.0604
rs4841999	T	-0.016
rs10870093	G	0.0254
rs115203916	C	-0.1211
rs13298532	C	-0.0179
rs1415686	A	-0.0305
rs117689876	T	-0.114
rs62534059	T	0.0341
rs10512057	A	-0.0156
rs7041657	A	0.1063
rs71507307	A	-0.0417
rs144472071	C	-0.1467
rs10739043	A	-0.0881
rs7038012	C	-0.0155
rs62574999	C	-0.0226
rs56332800	T	-0.0884
rs7852222	G	0.0159
rs7033234	C	0.0282
rs7870093	A	-0.0169
rs1929482	C	0.016
rs10733484	T	-0.0305
rs79025389	C	-0.0844
rs145983977	A	0.072
rs72746906	C	0.0523
rs1978304	C	-0.0145
rs11145632	G	0.0388
rs60500571	A	0.0382
rs62572523	C	0.0805
rs118088267	G	0.1028
rs145583963	T	0.1297
rs10988420	T	-0.0169
rs74685974	A	0.0301
rs11103578	G	0.0328
rs79718927	G	0.0494
rs10820755	C	0.0143
rs4242706	T	-0.0417
rs10812482	C	0.0199
rs10117181	C	0.0217
rs7044786	C	0.0169
rs79298358	C	-0.0798
rs7867736	G	0.0153
rs143465995	G	0.0849
rs1566951	T	-0.0149
rs10982068	G	0.0288
rs118093564	T	-0.1326

rs140798774	A	0.0558
rs290985	G	-0.0163
rs72761458	T	0.0467
rs12337194	G	-0.0384
rs77144911	G	0.0807
rs11788145	T	0.0521
rs79161063	T	0.0935
rs79246332	A	0.0347
rs75057990	A	-0.0557
rs56692548	G	0.0882
rs9886865	C	-0.0213
rs145647885	C	-0.1523
rs10123051	C	0.0461
rs735781	A	0.02
rs11103794	A	0.0146
rs682631	A	-0.0989
rs10964222	G	0.0217
rs79195057	C	-0.0993
rs59697179	A	0.0528
rs117927529	A	-0.0612
rs117019199	A	0.0552
rs10121167	G	0.0259
rs141657297	A	-0.113
rs141658273	C	-0.082
rs1984119	C	0.0168
rs170621	G	0.0141
rs58938644	T	-0.0227
rs2209424	C	0.0145
rs117490941	G	-0.054
rs10966747	C	-0.089
rs2118874	C	-0.0194
rs1495563	C	-0.015
rs36206048	G	-0.0336
rs117810452	T	0.0562
rs927869	A	0.0142
rs62555371	T	-0.0256
rs150971257	A	0.0759
rs113280815	A	-0.0717
rs74830109	A	-0.0909
rs10967741	A	0.0165
rs72734548	A	0.054
rs17404479	T	0.0282
rs7854377	C	0.0323
rs7850874	T	0.0194
rs117383167	T	0.1071
rs78306315	T	-0.0643
rs149905158	T	0.0403

rs118044410	C	-0.0917
rs2761016	T	-0.0147
rs328844	A	0.0152
rs2182903	T	-0.0149
rs141776687	G	0.0752
rs7046036	G	-0.015
rs75011321	T	0.0387
rs7043720	G	0.0284
rs111750181	T	-0.0398
rs55912633	A	0.0265
rs139289942	A	-0.1562
rs7028712	A	0.0149
rs10512182	C	0.0181
rs10491697	G	0.0183
rs12342073	T	0.039
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rs10961698	T	0.0927
rs80345015	C	-0.0172
rs116913961	C	-0.0566
rs56799759	C	0.0184
rs78039921	T	0.0512
rs117856047	G	-0.0781
rs320268	G	-0.0175
rs142975868	A	0.0553
rs10977642	T	0.0567
rs117136687	T	0.062
rs10738736	G	-0.0322
rs75102928	G	-0.0211
rs11244017	A	-0.015
rs75798070	T	0.0352
rs586046	A	0.0177
rs62532898	G	0.0189
rs4877745	C	0.0163
rs10814718	T	0.0274
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rs7020419	G	-0.0165
rs11144158	G	0.0207
rs62574624	A	-0.061
rs13296443	T	-0.0455
rs10759717	A	0.0199
rs117225729	A	-0.0588
rs7868972	C	0.0872
rs62566098	A	-0.0326
rs117208138	A	0.0431
rs35843739	C	0.0413
rs3898525	A	-0.0205
rs56354446	A	-0.0358

rs7046123	A	0.0155
rs2808529	T	0.0576
rs3217750	G	-0.0704
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rs72700605	C	-0.0474
rs12340035	G	0.0433
rs4878849	T	-0.0181
rs10976389	G	0.0698
rs7865771	A	-0.0166
rs10990407	T	-0.0433
rs35994439	G	-0.0168
rs149201468	C	0.1077
rs141682213	T	-0.0393
rs567833	T	0.0388
rs146055749	T	0.0907
rs74545781	A	0.0577
rs11559379	A	0.0245
rs150275859	T	0.0879
rs809552	G	-0.0231
rs16934271	A	0.0293
rs10967932	G	0.0408
rs10114887	A	-0.0156
rs12554834	C	0.0156
rs574842	A	0.0224
rs118154390	A	0.0467
rs72730880	A	-0.0631
rs117245410	C	0.0639
rs62531530	C	0.0481
rs7031043	G	-0.0399
rs77058886	T	0.0525
rs72718147	A	0.0335
rs56224002	C	-0.0568
rs4978918	C	-0.014
rs76155273	C	0.1139
rs1413321	G	0.0148
rs4127978	A	-0.0305
rs12684763	A	0.0286
rs2818326	C	-0.0152
rs10858374	C	-0.0182
rs79089176	C	0.0302
rs139391648	A	0.0572
rs140424590	T	0.0608
rs7024917	A	-0.0168
rs142838723	G	-0.0736
rs4878578	T	-0.0221
rs2236325	A	-0.0378

rs12555254	C	-0.0283
rs532069	A	-0.021
rs75693536	A	0.0603
rs149713332	C	0.0751
rs2487718	A	0.0177
rs79988714	T	-0.0403
rs2760653	G	0.0212
rs11794947	T	-0.0485
rs62567084	T	0.0625
rs4841924	G	0.0282
rs140034260	T	0.1444
rs147595295	A	0.0666
rs839496	A	0.0194
rs1981009	G	-0.0176
rs12555686	T	0.0322
rs76085236	C	-0.0286
rs1439189	G	0.0202
rs7029129	T	0.0271
rs7035829	C	-0.0263
rs72742390	A	0.0296
rs11140370	A	0.0304
rs7048418	T	-0.0159
rs116943187	A	-0.1132
rs62583044	T	-0.0939
rs55701015	C	0.0263
rs117647889	T	-0.093
rs309460	C	0.0151
rs913933	T	-0.0147
rs306536	C	0.0324
rs13285788	T	-0.0251
rs1571578	T	0.025
rs12377123	T	0.0164
rs74478921	T	0.0508
rs117930290	C	0.0548
rs8181059	T	-0.0402
rs10986244	C	-0.0497
rs74588921	C	0.0841
rs1343396	G	-0.0145
rs3793577	A	-0.0138
rs10867879	T	0.0152
rs158688	G	-0.0143
rs76656609	A	0.1009
rs758960	T	-0.0542
rs72710093	G	0.0432
rs12003980	T	0.07
rs140844785	C	0.0419
rs76217447	G	-0.0864

rs79975431	T	0.0374
rs10908932	T	0.0171
rs62575596	A	0.021
rs3857984	G	0.0141
rs10780283	G	-0.0178
rs11243421	T	-0.0144
rs12056964	T	0.0278
rs2891156	T	0.0198
rs10981863	G	-0.0149
rs79301806	C	0.0891
rs401690	T	0.0291
rs1014690	T	0.0302
rs883484	T	0.036
rs10217679	G	0.0185
rs7868745	C	-0.0158
rs72740869	A	0.0561
rs147143708	G	-0.0938
rs117748521	T	-0.0704
rs11142936	G	-0.0258
rs10869537	T	-0.0176
rs12684609	T	-0.0185
rs111686734	C	-0.0589
rs55728483	A	-0.0411
rs148931369	A	0.0801
rs80042316	A	-0.0265
rs3802363	C	-0.0146
rs117608810	A	0.0887
rs117199422	C	0.0969
rs55943512	C	-0.0313
rs80216962	A	-0.0543
rs112844813	C	0.0376
rs12156479	C	0.056
rs75781423	C	0.0285
rs4741155	T	-0.0153
rs34979894	T	0.103
rs1493996	A	-0.0388
rs888335	A	-0.0161
rs117748763	A	0.1403
rs117297823	C	-0.0369
rs10986514	C	0.0186
rs142933075	T	-0.1264
rs117321940	G	-0.0417
rs10973702	G	-0.0152
rs702220	T	-0.0144
rs74810970	T	0.0403
rs139757018	T	0.0884
rs3128524	C	-0.1175

rs482678	C	-0.0148
rs7757777	T	-0.0817
rs62540621	A	0.0691
rs149070179	C	-0.0881
rs148512198	A	0.081
rs13283101	A	0.0195
rs34781002	C	0.0338
rs10760423	A	0.0159
rs7861635	A	0.0493
rs7040864	G	0.0242
rs61747579	A	0.0888
rs138903827	A	-0.1008
rs117530798	T	-0.1341
rs61349511	G	0.0608
rs7863027	T	-0.0222
rs2777764	G	-0.0266
rs113263022	T	0.0308
rs1002393	G	0.0196
rs72736471	T	0.0353
rs820498	G	-0.0409
rs75106887	G	-0.0549
rs570319	T	0.0149
rs35346770	T	0.0432
rs4979258	G	0.0135
rs4742755	G	0.0223
rs117014269	G	-0.0815
rs10819118	C	-0.0385
rs62576836	C	0.063
rs2065424	C	-0.0145
rs12235504	C	-0.0259
rs7470318	T	-0.0259
rs117478574	A	-0.0893
rs144501560	T	-0.0935
rs117910805	A	-0.0618
rs10993268	T	0.0817
rs10981281	A	-0.0379
rs7854342	C	-0.0345
rs79959225	G	0.0245
rs55922714	T	0.0554
rs117686075	C	0.0698
rs75175163	C	-0.0919
rs117320598	G	0.0526
rs7024558	A	-0.0161
rs34962635	T	-0.054
rs7032473	C	-0.0543
rs150211503	T	0.0398
rs9409929	A	0.0225

rs147433010	T	0.1267
rs141874116	C	-0.111
rs35690039	T	0.0172
rs56259859	T	-0.0509
rs79960658	T	0.0984
rs145892391	A	0.0963
rs7049027	G	0.0139
rs143719624	C	0.0674
rs141211952	A	-0.092
rs12348002	A	-0.0782
rs72691965	A	0.0336
rs116871997	A	-0.0827
rs116849325	C	0.04
rs7037437	A	0.0144
rs10967747	T	0.0263
rs28361607	C	0.0456
rs7035656	C	0.0295
rs72731025	A	-0.0882
rs10114574	A	0.0171
rs117149641	C	-0.0743
rs78046122	A	-0.0925
rs10964864	C	-0.0158
rs1843127	A	0.0143
rs75106978	A	0.0199
rs1332863	T	0.023
rs117440800	G	0.0564
rs62568210	A	-0.0334
rs12339569	G	0.0398
rs10123153	T	0.0138
rs72727048	G	-0.0819
rs142062057	A	0.0786
rs13288700	T	-0.0329
rs79753829	A	0.052
rs78495796	T	0.0198
rs55688773	T	-0.044
rs2258131	A	0.041
rs11140896	T	-0.0992
rs77916040	T	-0.113
rs1887796	C	-0.0154
rs75871451	T	-0.114
rs2492825	G	0.0153
rs10118073	G	0.0177
rs11103437	C	0.0273
rs12380612	A	0.0605
rs111716233	C	-0.0745
rs3829086	A	-0.0249
rs1448586	T	-0.0206

rs111756616	A	-0.0782
rs36110869	A	-0.0261
rs13299607	T	0.0201
rs7859473	C	-0.0944
rs10978883	A	0.0453
rs11795304	G	0.0238
rs149586975	A	0.0845
rs78786136	T	-0.04
rs72739292	A	-0.0754
rs118124783	A	0.0432
rs147917557	A	-0.1252
rs6479488	T	-0.0424
rs76543451	A	0.0732
rs147559416	C	0.0657
rs117879629	C	-0.0335
rs10985778	C	0.0651
rs7867606	T	0.0546
rs35532231	A	0.0188
rs118123091	T	-0.0767
rs72692601	C	-0.0273
rs140257752	G	0.0596
rs141947682	T	-0.0559
rs4745522	G	-0.0247
rs12338909	T	-0.0269
rs75869145	C	-0.0578
rs16924823	C	-0.0231
rs111420253	T	0.0654
rs72696708	A	-0.0312
rs17812372	G	-0.0337
rs76688780	T	-0.0713
rs4742465	G	-0.0653
rs4961489	A	-0.0495
rs142143593	T	0.1056
rs72755413	A	-0.0355
rs7023772	T	-0.0202
rs147585367	T	0.1208
rs62574175	A	-0.0504
rs577159	C	-0.0193
rs74809207	G	-0.0533
rs117470722	T	-0.0545
rs112245221	G	-0.0767
rs34254117	C	-0.0313
rs6475010	T	0.0599
rs7043452	C	-0.0184
rs45438993	A	0.0223
rs114634353	T	-0.0918
rs4427226	C	0.0253

rs1412128	G	-0.0206
rs113770304	G	0.036
rs10819042	G	0.0389
rs1888723	A	0.0357
rs7854383	T	0.0282
rs666303	T	-0.0173
rs7040466	T	0.0318
rs1930367	C	0.0786
rs10122910	G	-0.0171
rs560960	T	0.0177
rs2871266	T	-0.0155
rs80131783	C	-0.0337
rs35936672	C	0.0223
rs10818187	A	-0.0153
rs7043948	T	0.0214
rs11144032	G	-0.0138
rs34421923	A	0.0839
rs2000299	G	-0.0144
rs140303816	A	-0.1541
rs13301675	C	0.0508
rs77818406	T	-0.1236
rs36045367	T	0.0219
rs77102654	A	-0.0243
rs1020369	A	0.0305
rs7028432	G	-0.0171
rs139043665	T	0.065
rs9696767	G	-0.0146
rs3793567	G	-0.0174
rs149444961	A	-0.0574
rs141934010	C	0.0555
rs1333492	G	-0.0472
rs79916100	A	0.0528
rs17456451	A	-0.1005
rs145021722	G	-0.0591
rs11103194	T	-0.0218
rs1991883	C	-0.0206
rs12377	T	0.0809
rs7846892	A	0.0141
rs72767888	T	-0.0352
rs10966974	C	-0.039
rs77328433	T	0.0556
rs7864149	A	0.0281
rs74581767	A	0.0449
rs7040968	G	-0.0204
rs62578200	T	0.0204
rs12685702	T	0.026
rs71512224	T	-0.0837

rs4743300	T	0.0171
rs72761747	T	-0.05
rs946772	G	0.031
rs10992253	C	0.0241
rs3847281	A	-0.0188
rs263547	A	0.0173
rs72750629	G	0.1101
rs76181411	C	0.0646
rs78958529	A	0.0724
rs6479233	T	0.0162
rs117753069	A	0.0383
rs2778256	C	0.029
rs28424261	C	-0.0315
rs77064700	A	-0.0395
rs145245400	T	0.054
rs62583934	T	0.0405
rs10122474	C	0.0179
rs7852293	T	0.0168
rs140152766	T	-0.1105
rs148231316	A	-0.0968
rs62581856	A	-0.0493
rs11243661	A	-0.0218
rs2101132	G	-0.0152
rs12335858	C	0.023
rs12006331	G	-0.0294
rs7038863	C	-0.0149
rs4742014	G	0.025
rs159878	C	-0.0153
rs55768586	G	-0.0707
rs4246838	A	0.0176
rs10758370	A	0.0508
rs77590525	C	-0.0467
rs10964654	G	0.0151
rs111666839	A	-0.027
rs1468759	T	-0.014
rs73560672	A	-0.0418
rs7021672	T	0.0161
rs112407243	G	0.0786
rs41273913	A	0.117
rs67504514	T	-0.0274
rs62570814	G	0.0552
rs117044062	G	-0.1149
rs118100036	G	0.0812
rs112264075	A	0.0715
rs74397177	A	0.0578
rs62582965	A	0.0206
rs2026424	A	-0.0246

rs942284	T	0.0198
rs11244207	C	0.0228
rs7855902	G	0.0588
rs7853013	G	0.0146
rs9314709	T	-0.0144
rs112380804	T	-0.0586
rs10780346	G	0.0173
rs17547685	G	0.0294
rs10125569	G	-0.0142
rs143675201	G	0.0907
rs7029814	C	0.0206
rs117409159	T	-0.0518
rs150219131	G	0.0655
rs117356081	G	0.0562
rs544565	T	0.0148
rs116903872	C	0.1017
rs62545158	C	-0.0657
rs62536868	T	-0.0849
rs140783936	A	0.0486
rs12554670	A	0.0141
rs10981649	T	0.0246
rs13291445	A	0.0167
rs79110011	G	0.0417
rs2152606	C	0.0144
rs150767966	G	0.0829
rs78569495	G	-0.0376
rs72755418	C	-0.0467
rs7865072	G	-0.0155
rs72766128	T	-0.0807
rs72770764	C	-0.0264
rs113680529	C	-0.0596
rs10977992	G	0.0457
rs62548851	C	-0.026
rs78579256	C	0.1139
rs57337824	T	0.0305
rs1885968	A	0.0144
rs10809096	G	-0.0218
rs12555274	C	-0.0183
rs2203829	T	0.0159
rs141673759	G	-0.0641
rs10758079	C	-0.0135
rs75670383	A	-0.0994
rs10511607	G	0.0311
rs10817465	C	-0.0137
rs62535352	T	0.0142
rs117016140	T	0.0595
rs144793608	G	0.0881

rs79148404	T	-0.0258
rs118104749	A	0.0619
rs2760417	G	0.0165
rs72701653	G	0.0429
rs10869843	A	0.0137
rs73465268	G	0.0195
rs118168538	A	-0.0567
rs117443347	T	0.0612
rs138772330	T	-0.0523
rs17058723	T	0.0336
rs11788161	G	0.0216
rs118153232	G	-0.1049
rs7028624	A	-0.0249
rs638485	A	0.0149
rs72760506	T	-0.1058
rs10978654	C	-0.0156
rs2483479	A	-0.0258
rs56224172	T	0.1009
rs10987681	A	0.029
rs118081025	G	0.0541
rs10793892	G	-0.0134
rs72731191	T	-0.0494
rs824265	C	0.0205
rs4978791	C	-0.0216
rs2215532	A	0.0173
rs112063406	A	-0.0891
rs650577	C	0.0167
rs608510	C	0.0153
rs2094332	A	-0.0153
rs35710268	T	0.015
rs60525232	C	0.0463
rs139842467	A	-0.0729
rs139672606	C	0.114
rs3118660	A	-0.0686
rs2378657	C	0.033
rs10125301	A	0.0191
rs12345344	T	0.0655
rs7047546	A	-0.0142
rs113037829	C	0.1226
rs75080905	T	-0.0929
rs10122003	C	0.0299
rs72684965	T	0.0896
rs11144428	C	-0.0216
rs12348864	A	-0.0522
rs77729005	C	0.1054
rs75349419	A	-0.0884
rs1890595	T	-0.0149

rs7031991	A	0.0133
rs79784225	T	0.0725
rs11243574	A	-0.0324
rs6559847	T	-0.018
rs10818033	A	0.0141
rs13298983	T	-0.0311
rs11139438	C	0.016
rs78814120	T	-0.1428
rs10816227	A	-0.0196
rs10965256	A	0.032
rs10987253	A	0.0132
rs112913262	C	-0.0482
rs73647017	T	-0.0439
rs116875199	A	-0.0272
rs10970605	C	-0.0687
rs7849036	A	0.113
rs72698799	G	-0.0344
rs117164877	T	0.0797
rs149383360	C	-0.0691
rs1361369	A	0.0143
rs72760753	A	0.0504
rs10117351	C	-0.0226
rs117280272	T	-0.0513
rs113297378	C	-0.032
rs118037216	A	-0.0761
rs2381115	T	-0.0277
rs2028403	C	-0.0159
rs6559714	G	-0.0291
rs10984984	T	0.0246
rs7869761	C	-0.0162
rs76378814	C	-0.0496
rs148242319	A	0.0676
rs7859797	T	0.0704
rs12340152	T	0.0179
rs74937254	G	-0.0411
rs62566117	A	-0.0176
rs78450318	T	-0.0364
rs117130106	A	0.0942
rs28382867	T	-0.0426
rs72757117	A	-0.0508
rs3005744	G	0.0133
rs56324034	C	0.0359
rs10739649	A	0.0143
rs72710784	G	-0.0193
rs72742115	A	-0.0456
rs7859789	T	0.019
rs76002435	G	-0.0382

rs148392537	A	-0.0288
rs75157772	A	-0.0318
rs10759643	T	0.0146
rs3181347	A	-0.0735
rs17771324	C	0.0186
rs117518193	A	0.0838
rs77431841	A	-0.0832
rs817823	G	0.0647
rs144062043	C	-0.1011
rs117650135	T	0.0607
rs10812049	G	-0.0145
rs117078930	C	0.0813
rs79519858	C	0.0233
rs140403047	G	-0.0799
rs77642287	G	0.0576
rs28402393	T	-0.0581
rs10119687	G	0.0144
rs77224775	C	0.0446
rs7467569	T	-0.0154
rs10820309	G	-0.0178
rs1411216	A	0.0136
rs10759185	C	0.0144
rs7021083	C	-0.0737
rs10983478	T	0.0802
rs72697595	G	0.061
rs144160960	A	0.0848
rs62538949	T	0.0843
rs7044422	C	0.0151
rs10121282	G	0.0199
rs77667119	C	0.0501
rs12352391	G	-0.0184
rs55932444	T	-0.0713
rs34573474	T	0.0247
rs34296259	A	-0.0952
rs1937949	A	-0.0283
rs290207	C	0.0142
rs7870015	G	0.0136
rs10968140	T	0.0152
rs4878817	G	0.0131
rs2787398	C	0.0135
rs10964970	T	-0.0163
rs117839973	A	0.0361
rs75983074	T	0.0838
rs60395229	C	-0.0662
rs9410497	C	0.0178
rs12238573	T	-0.112
rs79938725	G	0.0727

rs12551395	G	-0.0155
rs1831755	T	0.0205
rs1888170	G	0.0339
rs2417709	A	0.0138
rs34087764	A	-0.0155
rs117830151	A	0.05
rs112605794	C	0.0852
rs1888798	C	0.0326
rs74573085	C	-0.0219
rs10972498	T	-0.0135
rs34224906	T	0.0773
rs34655989	T	0.0275
rs72721117	A	-0.0614
rs74756265	T	0.0374
rs118069105	G	0.0574
rs1473180	G	0.0144
rs13294829	C	-0.0774
rs10809636	T	-0.02
rs28647893	T	-0.0164
rs41311939	T	0.0467
rs2210105	G	-0.0236
rs10969885	T	0.0136
rs10988063	T	0.0871
rs17570546	T	-0.0159
rs35683031	A	0.11
rs273471	C	0.0203
rs75307181	T	-0.0632
rs2181515	C	-0.0246
rs6560417	C	-0.0228
rs10989610	T	0.015
rs74723863	G	0.0559
rs4471123	G	-0.0132
rs2777323	T	-0.0142
rs1220687	C	-0.0137
rs78629646	G	-0.0292
rs112027007	A	0.0282
rs62572756	C	0.0652
rs28537454	T	-0.0434
rs62574618	A	-0.0382
rs17692460	T	-0.0376
rs77834239	A	-0.0486
rs72750902	G	0.0379
rs62572993	T	-0.0365
rs10964426	A	0.0243
rs6474821	A	-0.0216
rs10972147	T	-0.0932
rs280573	C	0.0257

rs12337390	T	0.0709
rs4837104	A	-0.041
rs146939313	A	-0.0597
rs10868099	A	-0.0161
rs7871552	A	-0.0265
rs12377592	A	0.0187
rs10781174	G	-0.0144
rs17785107	T	-0.0323
rs10964234	T	0.0193
rs35340098	G	0.0305
rs10979048	C	-0.0166
rs72752284	C	0.118
rs59977015	T	0.0285
rs7042897	G	-0.0202
rs77295865	A	0.0823
rs149444279	A	-0.0946
rs10868657	A	-0.0389
rs75581110	C	0.0335
rs12345835	C	0.0178
rs2995218	G	-0.0151
rs117851980	A	0.0905
rs11137585	T	0.0199
rs79387436	C	-0.044
rs10123001	G	0.0128
rs7032491	C	0.0452
rs117587703	A	0.0778
rs2182046	C	-0.0144
rs35483255	T	-0.0231
rs79155004	G	-0.0463
rs75729194	T	-0.0468
rs35971692	A	0.0279
rs12351798	A	0.05
rs139143154	T	-0.073
rs116899370	A	-0.0664
rs13292809	G	-0.0139
rs3739902	T	-0.015
rs117877945	A	0.0516
rs143293292	A	0.0683
rs35253812	C	-0.0332
rs2477518	C	-0.0148
rs62556471	G	-0.0258
rs117199184	G	-0.045
rs79269332	T	0.0586
rs146622210	G	-0.0836
rs146713823	A	0.0456
rs10435758	T	-0.0178
rs74567430	C	-0.0916

rs7856656	T	0.0148
rs77705796	A	0.0185
rs113204330	A	-0.0636
rs7858820	C	-0.0136
rs142849627	A	-0.0632
rs144763765	T	-0.0663
rs10116621	T	-0.0514
rs79831360	A	0.0367
rs112948348	T	0.088
rs138755321	A	0.0621
rs62641783	C	0.0316
rs72700116	G	-0.0376
rs10968030	C	-0.0257
rs147816524	G	0.129
rs77788331	A	-0.0574
rs1048228	G	0.018
rs146543574	A	-0.0922
rs13297915	G	0.0194
rs79577844	G	-0.0581
rs10756657	C	-0.018
rs10156618	C	0.0157
rs56405389	C	-0.0318
rs4744509	A	-0.0139
rs150142793	C	0.0573
rs141830570	A	-0.0434
rs13294194	G	0.0632
rs118127931	T	0.0495
rs11243835	C	0.017
rs748697	A	-0.0377
rs2104848	G	-0.1096
rs11793096	T	-0.0512
rs41297187	T	-0.0639
rs147959367	A	-0.0547
rs35585955	T	0.0155
rs6477917	C	-0.0246
rs117803155	A	0.0548
rs17836537	G	-0.0426
rs35389915	T	-0.0208
rs141762594	G	-0.0623
rs75596875	C	0.0863
rs72740121	G	0.027
rs12337887	T	-0.0271
rs62576104	G	-0.0133
rs12378196	G	0.0164
rs142387808	C	0.0426
rs10869011	T	0.0684
rs13284100	T	0.0137

rs9410612	T	0.0142
rs3861867	C	-0.0379
rs17705713	C	0.0616
rs7852852	A	0.0313
rs4879960	C	0.0151
rs10816481	T	-0.0151
rs111337561	G	-0.0383
rs117252627	G	-0.0639
rs77895895	T	0.0374
rs117903057	C	-0.0784
rs62530354	G	0.0201
rs34130265	T	0.0379
rs60979332	A	-0.0248
rs139336758	T	-0.0461
rs117565547	T	0.0405
rs145504905	C	-0.0964
rs12685753	T	-0.0157
rs34926716	T	0.0568
rs4745617	C	-0.0133
rs11531651	G	0.0261
rs12343104	A	0.0381
rs7866774	T	-0.0134
rs10984112	C	0.0137
rs138603811	A	-0.0482
rs55924444	T	-0.076
rs7045238	G	0.0236
rs117827799	T	0.0414
rs56117756	T	0.061
rs150485718	A	-0.1128
rs117400240	G	0.0556
rs117800106	G	0.0518
rs4098538	A	-0.0709
rs523517	T	-0.0296
rs11103766	C	0.0347
rs12345450	A	-0.0149
rs12552397	G	-0.0289
rs76388701	T	-0.018
rs149710253	G	0.0666
rs142371590	T	-0.1164
rs61690615	G	-0.0377
rs10815092	C	0.0203
rs1337017	T	-0.0135
rs12552755	T	0.0315
rs78243214	T	0.0678
rs139573588	G	0.0604
rs7043212	T	0.0349
rs57509581	T	0.027

rs7047561	C	-0.0237
rs7031871	G	0.0256
rs78406193	G	-0.0622
rs4260950	T	-0.0134
rs80286230	C	-0.0475
rs77659617	A	-0.031
rs140359936	T	-0.0679
rs10760801	G	-0.0127
rs41296073	A	-0.1016
rs10814969	T	-0.0167
rs117306552	G	-0.0749
rs10117895	C	0.0138
rs12555111	A	0.018
rs855494	C	0.0138
rs12001129	A	-0.0145
rs10987415	G	0.013
rs11139623	T	0.0248
rs72616670	T	-0.0476
rs62537983	C	0.0237
rs62570798	G	0.0278
rs1808789	T	0.0134
rs79444665	A	0.0555
rs4390020	T	0.0131
rs72756317	A	0.0799
rs654745	C	-0.0609
rs79398553	A	0.0193
rs10757707	C	0.0445
rs79616399	T	0.0822
rs77945940	C	0.0354
rs75829879	T	-0.0622
rs73564687	A	0.0872
rs17222296	C	-0.0357
rs117217383	A	-0.0768
rs10985305	C	0.0383
rs78129252	C	-0.0386
rs112467315	A	0.0556
rs74921990	G	-0.1064
rs7049017	C	0.0253
rs4741046	G	0.0149
rs55948600	T	0.0599
rs11790623	T	-0.0542
rs80152153	A	-0.0749
rs111810401	T	-0.0455
rs151117568	C	0.0505
rs10992647	G	0.0623
rs10870055	A	-0.0535
rs75161896	T	0.0628

rs2427980	C	0.0242
rs4977417	C	0.0139
rs117454395	T	0.0398
rs10984847	T	0.0214
rs10123013	T	0.0334
rs117888291	C	0.0784
rs57771173	G	-0.034
rs117827562	A	0.0857
rs2680208	G	-0.014
rs144796041	C	-0.0351
rs2282334	T	-0.0142
rs11144062	A	-0.0159
rs76718000	T	-0.0579
rs11794288	T	0.0242
rs11790321	T	0.0345
rs10758256	T	0.0159
rs116936087	T	0.0645
rs1053889	G	-0.0128
rs1751243	C	0.0151
rs10118253	C	-0.0129
rs4146134	C	-0.0149
rs1173083	A	0.0258
rs149978771	A	0.0488
rs142832775	T	-0.0399
rs144441491	C	-0.0764
rs117735370	C	0.096
rs12348192	T	-0.0136
rs112985725	G	0.0557
rs11791507	T	-0.0414
rs2519143	A	0.0163
rs7047899	T	0.0288
rs118167320	T	0.0573
rs10817367	A	-0.0172
rs10118317	C	-0.0128
rs10967053	C	-0.0203
rs7389852	A	-0.0249
rs79448384	T	0.0235
rs116917017	C	0.0611
rs10115755	A	-0.0305
rs138363924	G	0.0394
rs1556028	C	-0.0147
rs17501809	A	-0.0249
rs34783751	C	0.0139
rs7466817	G	-0.0151
rs10816913	A	-0.0168
rs12006163	A	-0.0251
rs10781126	A	0.0137

rs17672683	G	-0.0172
rs41304848	T	-0.0356
rs16909493	A	0.0343
rs72710001	G	0.0465
rs114466823	A	-0.0635
rs7858652	T	0.015
rs142240698	C	0.063
rs117941983	T	-0.0669
rs76765443	C	-0.0718
rs142975155	A	0.0623
rs74506052	G	-0.0768
rs6476873	A	-0.0163
rs77455990	T	-0.0724
rs7858600	G	0.0125
rs76980428	G	-0.0397
rs914977	A	0.0152
rs112031063	G	-0.0661
rs75876866	T	0.0585
rs396622	A	-0.0247
rs28551499	C	0.0281
rs148988697	T	-0.0462
rs7859638	G	-0.0281
rs9987728	A	0.0251
rs138589155	C	0.0797
rs79542514	T	0.015
rs16909863	G	-0.0245
rs147116259	C	0.0575
rs62575009	C	-0.0504
rs945443	T	-0.0461
rs140845383	G	0.054
rs10817730	A	-0.0133
rs10972255	C	0.0266
rs12554767	G	-0.0362
rs7856182	T	0.0183
rs41278407	G	-0.0296
rs62571297	A	-0.0173
rs112270084	G	-0.0793
rs67780794	C	-0.0596
rs12343455	C	-0.0458
rs146448480	C	-0.0647
rs112780050	G	-0.0832
rs1329038	A	-0.0533
rs34718682	A	0.0221
rs34433105	T	0.0475
rs4836665	A	-0.0171
rs17057129	C	-0.0165
rs72741765	C	-0.0568

rs118191178	C	0.0667
rs113897857	A	-0.0372
rs17770206	C	-0.0373
rs72753404	T	-0.0386
rs73639853	C	0.043
rs28503314	G	-0.0407
rs149159469	C	-0.0738
rs56358102	G	-0.0186
rs10964602	A	-0.0237
rs118136773	C	0.0376
rs66747389	T	-0.0177
rs113103969	G	0.0267
rs1434276	T	0.0129
rs113391277	G	0.0401
rs1184859	A	-0.0366
rs16907545	G	0.0257
rs35781775	A	0.0604
rs80238815	T	0.0513
rs55992105	T	0.0214
rs2017822	A	-0.0161
rs75240295	T	-0.0575
rs10816587	C	0.014
rs5016540	G	-0.0159
rs872388	A	0.0148
rs76512234	A	0.0251
rs72746694	T	-0.0262
rs7849319	T	-0.027
rs2035071	C	0.0219
rs78229991	C	-0.0212
rs117727432	A	-0.0557
rs12683136	T	0.0287
rs1369198	C	-0.0315
rs10969378	A	-0.0172
rs144446964	T	0.091
rs2486360	G	-0.0895
rs76872171	T	-0.0362
rs12683303	A	0.0316
rs55947649	A	0.0548
rs72619339	A	0.0282
rs10961406	G	-0.0476
rs74351216	A	0.0624
rs1323398	T	0.0136
rs41311424	T	0.0353
rs7048746	G	0.0306
rs60831665	A	0.0258
rs115854842	A	0.062
rs4745099	T	0.0132

rs77721520	T	-0.056
rs7869153	C	0.0139
rs4741405	T	-0.0223
rs2112074	A	-0.0377
rs3884535	C	0.0156
rs584738	A	-0.0129
rs13289890	A	0.0752
rs34021448	C	-0.0157
rs10982285	C	-0.0155
rs11999995	A	0.0605
rs117156716	G	0.042
rs117882853	T	-0.0481
rs145901117	A	-0.0571
rs1266033	C	-0.0237
rs117724125	T	-0.044
rs7041559	T	0.013
rs6559520	A	0.0164
rs17653109	G	-0.046
rs117348703	C	-0.0744
rs62567238	A	0.0398
rs147296185	T	-0.0453
rs7035759	G	-0.0169
rs150337782	C	0.098
rs55842273	A	-0.0281
rs76921072	A	-0.0527
rs73650029	A	0.0473
rs72770217	A	-0.0704
rs12001652	A	-0.024
rs2026109	A	0.0344
rs78842470	G	0.0309
rs78308436	G	0.0908
rs72744553	T	0.0302
rs10984490	C	0.0133
rs13285836	T	0.034
rs117223159	A	-0.0415
rs7856790	A	0.0135
rs7046369	T	-0.015
rs4358884	C	0.0136
rs12236042	C	-0.025
rs56285355	G	0.0718
rs140114980	G	-0.0498
rs62566087	T	-0.0445
rs77656035	T	0.0759
rs7864112	C	-0.0415
rs117759760	T	-0.0763
rs2086106	T	-0.0221
rs79134006	T	-0.0409

rs7021573	A	-0.0127
rs7853956	A	0.0166
rs13286518	G	0.0152
rs294804	C	-0.0205
rs3902784	G	0.0242
rs7039300	G	-0.0169
rs2492617	T	0.0142
rs111840823	A	-0.0538
rs3025416	T	0.0204
rs78296475	T	0.0222
rs80094221	A	0.0605
rs74424312	T	-0.0552
rs77422401	T	0.0356
rs139151708	G	-0.0376
rs17415730	A	0.014
rs17373603	T	0.0193
rs10989900	A	-0.0505
rs117740155	A	-0.0193
rs117433402	T	0.0365
rs139697631	A	-0.0365
rs146228809	G	-0.0978
rs2277193	C	0.0137
rs28425173	C	0.0988
rs7040817	A	0.0769
rs7037192	A	-0.0241
rs76979316	G	0.069
rs73438273	G	0.0364
rs118032648	G	-0.0553
rs118150290	C	-0.076
rs77557759	A	-0.0673
rs73639211	G	0.0178
rs117271632	A	-0.0609
rs149929173	G	0.0709
rs74641663	A	-0.0942
rs7467917	T	0.0178
rs4135186	T	0.0311
rs10980367	C	-0.0305
rs74305026	G	0.0283
rs79555706	C	0.0414
rs4135192	G	-0.0136
rs10968324	T	0.0187
rs11138098	G	0.0409
rs72755331	A	0.0866
rs116862507	A	0.0681
rs3996257	C	0.0332
rs12346100	C	-0.0511
rs74982411	G	0.0707

rs138206492	C	-0.0408
rs4295713	A	0.0156
rs75054746	A	-0.0581
rs11140359	A	0.0444
rs112150359	T	0.0521
rs79366318	A	-0.0404
rs112886936	C	-0.0635
rs12551214	C	0.0247
rs12341763	G	-0.0198
rs1417274	T	-0.0146
rs11792411	A	0.0212
rs143235407	G	0.0557
rs11787905	T	-0.0231
rs4407948	C	0.0289
rs117892184	A	-0.0582
rs118107405	C	0.0647
rs113437020	G	0.0383
rs111267586	T	-0.054
rs117895229	G	0.0461
rs72747544	A	0.0285
rs7041584	A	-0.021
rs7856559	A	-0.0401
rs74858554	C	0.0331
rs13302145	T	0.0246
rs7847916	C	0.0127
rs10975224	A	-0.0606
rs80085721	G	-0.105
rs79654091	C	-0.0867
rs12004600	A	0.0166
rs61598707	A	-0.0121
rs2185360	T	-0.0133
rs72730860	T	0.0428
rs146619787	T	-0.0408
rs77315051	A	-0.0493
rs113469228	C	-0.0507
rs2065113	G	-0.023
rs6477317	A	0.0398
rs34564844	C	-0.0792
rs1323226	G	-0.013
rs72700397	C	-0.0274
rs10121084	A	0.0135
rs78439290	G	0.0336
rs117507265	G	-0.0567
rs3012359	T	-0.0132
rs7874302	A	-0.0136
rs2077392	C	-0.0706
rs7856955	T	0.0327

rs34354627	C	0.05
rs117340747	G	0.0585
rs10812871	T	0.0163
rs2043189	A	-0.0124
rs10979754	C	-0.0229
rs117412395	A	-0.054
rs77910820	G	0.0462
rs1378324	T	0.0168
rs12236566	T	-0.028
rs117357153	G	0.0698
rs80052609	T	-0.0634
rs1324463	G	-0.0297
rs79657298	A	-0.0797
rs12057076	C	-0.0304
rs12338853	C	0.0156
rs10970184	C	-0.0442
rs149361335	C	0.0806
rs143202683	C	-0.0819
rs117198414	T	0.098
rs117848189	A	-0.0419
rs80048197	T	0.0432
rs10973959	A	-0.0183
rs73389454	C	0.0337
rs894822	A	0.0121
rs117843963	A	-0.0527
rs147109153	C	0.0976
rs74565849	A	-0.0466
rs296647	G	0.0481
rs74612555	A	0.0553
rs66548202	A	0.0379
rs74768127	T	-0.0722
rs12379473	C	-0.0445
rs10959456	A	-0.0395
rs4740583	G	-0.0134
rs12002963	T	0.0619
rs10757838	A	0.0129
rs117695267	A	-0.0344
rs117800199	G	0.101
rs10967083	T	0.0134
rs74640040	C	0.0424
rs150601497	A	0.0411
rs11793861	T	0.0155
rs2073923	C	-0.0164
rs75096648	A	0.082
rs10980573	A	-0.0173
rs117644311	A	0.0285
rs12004116	G	0.0274

rs62576227	A	0.0361
rs3750320	C	-0.0168
rs12350027	C	0.05
rs117582905	C	-0.128
rs11265779	A	-0.0272
rs113408405	G	0.0425
rs139353209	T	0.0986
rs4598352	G	-0.022
rs17547957	C	0.0282
rs17553998	A	-0.0288
rs79524666	G	0.0404
rs12555114	A	0.0667
rs117681700	A	0.0649
rs72735053	A	-0.0194
rs117154615	C	0.0784
rs4962210	T	0.0127
rs142007597	T	0.0494
rs72702422	G	0.0566
rs78500699	G	-0.0642
rs17226531	C	0.0287
rs951331	A	-0.0122
rs2210992	G	0.0134
rs72764881	C	0.0477
rs79695631	A	-0.033
rs79243935	A	0.0639
rs3913046	C	-0.013
rs581724	T	-0.0123
rs7865415	A	0.0631
rs10820213	C	-0.0148
rs4149264	C	0.016
rs79085029	A	-0.0696
rs78894555	A	-0.0682
rs79336288	G	-0.0433
rs138628391	A	0.0658
rs10816119	T	0.0156
rs150973656	A	-0.0275
rs6476697	G	-0.0259
rs2070113	A	0.014
rs4304399	C	-0.016
rs10961005	A	-0.0752
rs117099181	A	-0.0439
rs71492020	G	0.0175
rs73443052	T	0.0176
rs2258170	A	-0.0137
rs1746333	C	0.0213
rs79181974	A	-0.0613
rs17086002	T	-0.0284

rs290208	T	-0.0163
rs10810130	A	0.0215
rs17179700	A	0.1056
rs17276677	T	0.0511
rs80215997	G	-0.0268
rs2493638	T	-0.0168
rs7874380	C	-0.0347
rs150811768	T	-0.0522
rs1332441	C	-0.0134
rs146367780	A	0.0286
rs113818084	C	0.064
rs146698638	A	-0.108
rs59297630	G	-0.0602
rs79241857	T	0.0618
rs1288650	C	0.0132
rs72698048	C	0.058
rs4837390	A	0.0181
rs1494359	G	-0.0343
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rs117436998	A	0.0732
rs11103678	A	0.0558
rs149850258	G	0.0484
rs12341219	G	0.0132
rs3860972	C	0.0396
rs4237197	G	-0.0123
rs138426874	A	-0.0527
rs150147381	T	0.0606
rs148408485	C	0.1134
rs34652877	T	-0.0793
rs7019049	T	0.087
rs7871156	T	0.0166
rs10815287	G	-0.0536
rs76126610	A	0.0693
rs3758240	C	0.0129
rs146524566	T	-0.075
rs145884531	G	-0.0537
rs10959423	A	-0.0306
rs913984	T	-0.0145
rs141181868	G	0.0631
rs79316190	C	0.0594
rs76125200	A	-0.0484
rs12006192	C	-0.0272
rs17742324	C	-0.0232
rs1675311	C	-0.0181
rs118157028	T	0.082
rs34792177	A	0.0273
rs2418076	T	-0.0148

rs112738386	A	0.0468
rs58773367	C	-0.0231
rs66779103	A	-0.0173
rs145735620	A	0.0836
rs2417043	C	0.0178
rs17654113	T	-0.0155
rs144191173	T	0.0317
rs10970974	C	-0.0158
rs7854221	C	-0.0273
rs139001927	T	0.0676
rs7854358	C	-0.0139
rs117389952	T	-0.0336
rs78136686	T	-0.0525
rs10121584	T	0.012
rs115086429	A	-0.0792
rs10815884	C	-0.0209
rs148280145	A	0.0833
rs552693	C	-0.0138
rs73473636	A	0.0223
rs10901123	A	0.0188
rs10963619	A	-0.0235
rs149795563	A	0.0799
rs10965197	T	-0.0127
rs111464820	T	0.0761
rs10869719	A	-0.0296
rs149713782	T	-0.0474
rs581679	A	0.0228
rs62532938	A	-0.0145
rs17721021	A	-0.0236
rs7852701	C	-0.0524
rs2297453	A	-0.0135
rs115204880	C	0.0569
rs77441358	A	0.0605
rs2383244	A	0.0145
rs117611987	T	0.0785
rs111875630	G	0.0972
rs586441	C	0.0186
rs2015716	T	0.0639
rs448698	A	0.0529
rs76548521	A	-0.0604
rs147175589	T	-0.0764
rs11792386	T	-0.0348
rs8187876	T	0.0264
rs10990227	G	0.0146
rs1831120	A	-0.0212
rs10123082	A	-0.0179
rs77617599	A	-0.061

rs76215051	C	0.0653
rs12553191	T	-0.0153
rs17291372	T	-0.0134
rs113671493	G	0.0413
rs3196378	C	-0.0137
rs139844056	T	-0.0766
rs117026821	T	0.0519
rs56188844	T	-0.0426
rs117491755	C	-0.0312
rs72706898	G	0.075
rs143917793	T	0.086
rs150373132	T	0.111
rs117736197	A	-0.0337
rs75411154	T	0.0319
rs10988341	G	-0.0314
rs145721548	G	0.051
rs72741818	T	0.0191
rs12003677	T	-0.0134
rs12682680	G	0.0162
rs80156579	G	-0.0262
rs535	G	-0.0119
rs1853424	T	0.0118
rs117312489	T	0.0229
rs78664628	A	-0.0773
rs117073115	T	-0.0479
rs78850504	C	0.0657
rs117959755	T	0.0617
rs117280213	T	0.0481
rs74558844	G	-0.0287
rs4880021	T	0.0227
rs7859114	C	0.0397
rs3827828	C	0.1053
rs78876706	G	-0.0463
rs117275385	C	0.0376
rs117194504	G	0.0682
rs146578924	G	-0.086
rs142911722	C	-0.0982
rs80332864	A	-0.0487
rs72725247	C	-0.0718
rs112156084	C	0.0742
rs12376866	G	0.0523
rs78435881	T	0.0209
rs10979172	T	-0.0553
rs12348099	A	0.0731
rs115829079	G	-0.05
rs17471176	C	0.0225
rs72754960	C	0.0921

rs10983510	A	0.0138
rs10812808	T	0.0164
rs145045580	A	0.0645
rs1535673	A	0.0278
rs1929492	A	0.021
rs150620166	T	0.0838
rs35517289	G	-0.0696
rs139904827	G	0.0906
rs62544425	C	-0.0462
rs76099080	A	-0.0337
rs72748040	A	0.0506
rs73553053	C	-0.0475
rs1967851	T	-0.0469
rs7857570	G	-0.0202
rs139272716	A	0.0411
rs2182855	T	0.0148
rs75159117	G	0.0481
rs11243774	G	0.0487
rs78402722	G	-0.0552
rs1687377	T	-0.0447
rs11521180	A	-0.0146
rs113542309	A	0.0783
rs10817585	C	0.0163
rs2891009	C	0.0645
rs10972596	T	-0.0292
rs111351812	T	0.0251
rs72700537	T	0.0394
rs28402988	G	0.059
rs34911320	C	-0.0141
rs7034798	C	0.0227
rs10814727	G	-0.0162
rs72706558	T	-0.0563
rs6475617	T	0.0163
rs117257454	G	0.0381
rs1329394	C	0.0546
rs12378005	C	-0.017
rs62541668	C	-0.074
rs60991279	A	0.0525
rs117852508	G	0.0622
rs141274002	G	0.027
rs74965239	A	-0.0794
rs112211828	T	-0.0821
rs10977171	C	0.0381
rs6475446	A	0.0327
rs77558099	G	0.0271
rs10761178	T	0.0252
rs796489	A	0.0748

rs72756599	A	-0.0238
rs10967306	A	0.0217
rs72716891	T	-0.067
rs13288932	A	-0.057
rs113279898	T	-0.0766
rs16932288	C	0.0644
rs13291526	A	0.0374
rs35358081	A	-0.0962
rs972464	T	0.0121
rs2643322	A	0.0155
rs80256447	T	0.059
rs112285394	G	0.0168
rs149493275	A	-0.0249
rs1174587	G	0.0189
rs113796516	A	-0.0533
rs71505230	A	0.0341
rs1927942	T	-0.0544
rs10985174	C	0.0611
rs7043882	C	0.0188
rs118129357	T	-0.1315
rs1321919	A	-0.0175
rs12351762	A	-0.0187
rs117893954	T	-0.0638
rs117351228	T	0.0898
rs79025950	T	0.0333
rs11792014	A	0.0242
rs79838298	T	0.0482
rs17457320	A	-0.055
rs7039750	A	-0.0135
rs7027765	C	0.0146
rs35234842	C	-0.0299
rs72750204	G	-0.028
rs12376546	C	-0.0135
rs142233622	A	0.0933
rs72742277	T	0.0656
rs145043945	A	0.0425
rs1951433	T	-0.0125
rs72695174	A	0.0368
rs117329590	C	-0.1026
rs977731	G	0.0204
rs12004072	T	-0.1125
rs111954542	T	-0.03
rs10114701	C	-0.0582
rs77669962	A	-0.057
rs11790961	C	0.0553
rs76438877	T	-0.0527
rs77973993	A	0.0457

rs7020343	T	-0.0163
rs1040851	C	-0.0118
rs117707756	G	0.046
rs2184767	C	-0.0764
rs35164983	A	-0.0217
rs77376421	G	0.0575
rs10961192	G	-0.0539
rs7035194	G	0.0301
rs144197081	A	0.0546
rs117626585	T	0.1013
rs10901213	C	0.0185
rs12350807	G	0.0247
rs1110265	C	0.0279
rs72763856	A	0.017
rs72765047	G	0.0512
rs35369779	A	0.0415
rs143652196	T	-0.0925
rs7031344	C	0.0625
rs7028474	A	0.0318
rs487010	T	-0.0214
rs149865577	G	0.0755
rs11138600	A	-0.0615
rs78120578	A	-0.0568
rs10757143	C	0.0165
rs11793855	G	0.0677
rs79702853	A	-0.0492
rs12352804	A	-0.0313
rs10811678	T	-0.0172
rs145573939	A	-0.037
rs62559127	C	-0.0189
rs117289744	A	-0.0474
rs12236753	C	-0.046
rs78126411	T	0.0382
rs140825731	T	0.1038
rs140909561	G	-0.0588
rs62544643	T	-0.0321
rs11140751	C	-0.0909
rs2152749	T	0.0146
rs12340899	A	0.0149
rs140928756	G	0.0631
rs7866592	G	0.0195
rs117260591	A	-0.0538
rs72693815	G	-0.0355
rs7035473	G	0.0193
rs79933752	G	-0.0374
rs6560267	T	-0.0124
rs10761224	A	-0.0115

rs12552098	G	-0.0163
rs13291228	G	0.0129
rs117190063	C	-0.1013
rs353783	C	-0.0204
rs6477573	A	0.0125
rs1360506	G	-0.0162
rs1780478	G	-0.0122
rs62572818	G	0.0358
rs2900148	A	-0.0155
rs10868583	C	0.0126
rs34098030	A	-0.0255
rs12684888	T	0.0132
rs10869676	G	-0.0136
rs116946224	G	-0.0524
rs117914062	T	0.0609
rs4744184	T	-0.0206
rs75131580	A	-0.0253
rs10776939	T	0.0124
rs1433824	A	-0.0114
rs74866367	C	0.0197
rs80055679	C	0.0826
rs1982319	C	0.0135
rs116933580	A	0.0628
rs13285563	A	0.0641
rs10901049	G	-0.0128
rs72769485	A	-0.051
rs11243687	C	-0.0166
rs1969936	T	0.0151
rs11145457	A	-0.0219
rs117861301	A	-0.057
rs117040266	T	0.0351
rs111228100	G	-0.0667
rs80336546	T	-0.0596
rs72705459	T	-0.0458
rs12000334	C	-0.013
rs138322417	C	-0.0547
rs10812634	T	-0.019
rs10992915	A	0.0626
rs1550004	T	0.0121
rs966697	T	-0.0124
rs75869153	C	-0.0641
rs61734455	T	-0.0637
rs117277597	A	-0.073
rs11792340	G	-0.0245
rs7858447	G	0.0151
rs34821085	A	-0.0366
rs118016408	G	-0.0856

rs10761073	C	0.0117
rs991805	A	0.0301
rs62571853	G	0.0412
rs7863292	A	-0.035
rs12683110	G	0.012
rs10118584	T	0.0164
rs145294691	T	-0.0439
rs150263959	T	0.028
rs2807592	G	-0.013
rs117772579	T	0.0542
rs117772253	A	0.0793
rs73541802	A	-0.0677
rs11794377	T	-0.0317
rs62560366	G	-0.0613
rs117188725	T	0.0549
rs10776875	A	0.0113
rs10759089	T	0.0122
rs13289173	T	-0.0277
rs72757147	C	0.0436
rs139832394	C	-0.0988
rs10818440	T	-0.0271
rs10974342	A	0.0287
rs117379671	T	-0.0587
rs290986	G	0.0144
rs116991912	G	-0.0511
rs79257653	T	0.0909
rs72706503	C	-0.0195
rs16923334	C	-0.029
rs62547188	C	0.0625
rs79344411	T	0.0419
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rs10975133	G	-0.0137
rs13302560	A	-0.0142
rs10757059	C	0.0118
rs73523791	C	-0.0201
rs1571401	T	-0.0199
rs74813528	C	-0.0185
rs3758180	T	-0.0155
rs10816521	G	-0.0164
rs4147122	C	-0.023
rs4642742	T	0.0449
rs141896197	T	-0.0737
rs2417242	A	0.0705
rs1889817	G	0.012
rs744594	G	-0.0162
rs10758290	A	0.0138
rs150660984	T	0.0699

rs72697223	C	-0.025
rs117446323	C	0.0577
rs12377695	G	0.017
rs148814765	A	0.0717
rs1336816	A	0.0591
rs10961533	T	-0.0197
rs62569605	A	0.0772
rs113623433	T	0.024
rs1999837	T	0.0323
rs72750977	T	0.0275
rs79700608	A	-0.0142
rs7036239	T	0.0149
rs117156866	C	-0.0389
rs1461340	A	-0.016
rs73581668	C	-0.0627
rs10986220	A	-0.0563
rs440497	A	0.0631
rs2382245	C	-0.0132
rs13297875	A	0.0356
rs74942864	A	-0.0537
rs17429715	A	-0.0409
rs1932161	C	-0.0232
rs117868588	C	0.0526
rs117460052	C	-0.0597
rs76247442	T	-0.0392
rs75801708	G	0.0638
rs12005300	C	-0.0335
rs141243185	T	-0.0696
rs74660106	C	-0.0341
rs6477234	A	0.0137
rs17823832	T	-0.037
rs7852262	C	0.0124
rs36116072	A	-0.0299
rs17202567	T	0.0362
rs113709701	T	-0.0377
rs75988109	A	-0.0478
rs12378895	A	-0.0239
rs7847644	G	-0.0127
rs1330936	A	0.014
rs77865716	A	-0.0314
rs1359712	C	-0.0128
rs7850090	A	0.0181
rs1986733	A	0.0152
rs72691040	T	-0.0146
rs147969138	G	0.0511
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rs79497419	T	0.0933
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rs80174362	C	-0.07
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rs2249998	T	0.0177
rs34065196	G	0.0378
rs4879577	C	-0.0591
rs17797671	A	-0.0716
rs4246883	G	-0.0119
rs4354395	A	-0.0122
rs79542690	G	0.0694
rs10491858	G	-0.017
rs35845312	A	-0.0496
rs73475613	A	0.0758
rs2501945	A	0.0778
rs144240611	A	0.0694
rs58730159	T	0.0179
rs116842478	G	0.0674
rs10979285	A	0.027
rs2808712	A	0.016
rs62542052	C	0.0229
rs10984590	C	0.0384
rs118104816	G	0.0272
rs144532927	T	0.0402
rs17436569	G	0.0678
rs544253	C	0.0127
rs17835038	C	0.0262
rs61599531	T	0.0156
rs117652315	A	0.0378
rs10977430	A	-0.0271
rs118100385	A	0.0313
rs700973	G	-0.0163
rs167394	G	0.0136
rs1004308	T	-0.015
rs7861602	T	0.0266
rs11138141	T	-0.0272
rs56027435	A	0.0379
rs10977130	T	-0.0235
rs141366790	C	0.0395
rs34508562	G	-0.0133
rs2295926	C	0.0143
rs7042824	A	0.0431
rs11790821	A	0.0306

rs75952080	C	0.0763
rs76212926	C	-0.0469
rs7847449	A	0.0117
rs13288543	T	0.0901
rs113804202	T	-0.0807
rs7857816	G	-0.0251
rs12346492	T	-0.0498
rs10961440	C	-0.0155
rs75570228	C	0.0424
rs72760335	A	-0.0666
rs75506800	A	0.0612
rs1535837	A	0.0115
rs72710000	C	0.0684
rs12682982	G	-0.0363
rs55782065	T	-0.0542
rs2183738	C	-0.0165
rs787273	G	0.0328
rs585770	G	0.0341
rs117476202	T	0.0904
rs814027	C	-0.0117
rs62541551	A	0.0379
rs117382129	T	-0.1046
rs4743992	T	-0.0126
rs960908	T	-0.0132
rs2277180	C	0.0191
rs150433305	T	-0.0722
rs73668917	T	-0.0378
rs2094792	T	-0.0718
rs7019609	A	-0.0497
rs72735411	G	-0.0597
rs28791511	A	-0.0168
rs80062236	C	0.0341
rs1929281	G	0.0253
rs2779509	G	-0.0415
rs11244245	C	-0.0189
rs76518189	C	-0.0458
rs78466801	G	-0.0398
rs10513404	C	0.0122
rs3893394	G	-0.0131
rs10987229	T	-0.0199
rs636562	A	-0.0114
rs944485	T	0.012
rs56262218	T	0.0164
rs12346106	G	-0.0306
rs10986537	C	0.0745
rs80218026	G	-0.0697
rs4744521	T	-0.0165

rs10115096	G	-0.0125
rs71505964	G	-0.0815
rs1003415	C	-0.0119
rs6476866	G	-0.0114
rs58693113	C	0.018
rs16919549	A	-0.0563
rs144036678	G	0.0177
rs7033698	G	-0.0122
rs1029064	G	0.0197
rs113833730	A	0.0661
rs71531238	A	0.0489
rs117758922	G	-0.0422
rs11243362	A	-0.0121
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rs7848550	T	-0.0111
rs62547232	T	-0.0324
rs10114604	A	-0.0369
rs17758873	G	0.0155
rs79253703	A	-0.0787
rs11516152	G	-0.0159
rs72762670	A	0.0234
rs9299082	C	-0.0432
rs560116	A	-0.0249
rs10120497	A	-0.0722
rs117576637	A	-0.0938
rs62571730	A	-0.0854
rs10733686	G	-0.0129
rs112579321	A	-0.0313
rs58542582	T	-0.0125
rs10973360	G	0.0172
rs11144134	C	0.0224
rs681842	C	-0.0166
rs7861977	G	-0.0432
rs72713906	G	0.0298
rs113896261	G	0.0718
rs73654356	C	-0.0419
rs737640	G	0.0139
rs58625802	A	-0.0161
rs78786938	C	0.032
rs112055160	A	0.0304
rs34499892	T	0.0511
rs74337357	A	0.1008
rs13289993	A	0.0313
rs117524157	G	-0.052
rs116913399	A	-0.0449
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rs112995277	A	0.0621

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rs60597427	C	0.0133
rs80345406	G	0.0342
rs10120838	C	-0.0131
rs118098363	G	0.0762
rs2417297	G	-0.0141
rs13297075	G	-0.0455
rs4743326	G	-0.037
rs2636904	C	-0.0291
rs74673858	C	0.0945
rs614575	G	0.0136
rs78714908	A	0.0334
rs72727137	A	-0.0759
rs7858704	T	-0.0133
rs11521229	C	0.016
rs10125369	G	-0.0115
rs67854625	C	0.0278
rs4837106	A	-0.0124
rs72767426	A	0.066
rs515753	C	0.015
rs35953828	G	0.0454
rs146776580	A	0.046
rs4837097	A	0.0114
rs76857354	C	0.0572
rs57895262	C	0.0382
rs4979026	C	-0.0118
rs7864747	G	-0.0774
rs2378731	A	-0.0165
rs7858199	G	0.0117
rs79121414	A	0.0559
rs76553627	A	0.0214
rs41287409	C	0.0952
rs74817719	T	-0.0307
rs76212593	C	-0.0273
rs943508	A	-0.0131
rs72704308	A	0.0168
rs7853832	C	0.0316
rs16910139	G	0.0248
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rs112499360	C	0.0942
rs149591584	A	0.0495
rs77257719	C	-0.031
rs10125722	C	0.0214
rs6475648	T	0.0159
rs10964521	G	0.0126
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rs116929913	A	0.0676
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rs4596720	G	0.0121
rs142220832	C	-0.0737
rs62540152	T	-0.0587
rs1831642	C	0.0111
rs7469950	A	-0.022
rs111697360	G	-0.0901
rs7873119	T	-0.0119
rs72743075	G	-0.0796
rs10119609	T	0.0177
rs1475466	G	-0.0152
rs73649570	G	-0.0279
rs34419345	C	-0.0478
rs72614293	T	-0.0268
rs7038371	A	0.0601
rs10818845	G	-0.0153
rs17471283	T	-0.0799
rs2740478	A	0.0123
rs4399024	G	-0.012
rs111488309	T	-0.0242
rs115084107	A	-0.0357
rs76107944	C	0.0408
rs10978751	C	0.0161
rs2567704	A	0.0171
rs7850434	G	-0.0288
rs12340775	A	0.0277
rs34819617	G	-0.0229
rs76111341	G	0.0397
rs143897339	G	0.0533
rs142978977	C	-0.0834
rs35173546	T	0.0529
rs114446077	T	-0.0361
rs9410938	A	0.0282
rs117995233	A	0.0653
rs77682387	A	-0.0354
rs10306117	C	0.0735
rs117459276	G	0.0676
rs9792490	T	0.0509
rs75497687	A	0.0597
rs78835451	A	0.0765
rs10813818	T	0.011

rs62571995	G	-0.0409
rs490491	A	0.012
rs72701955	A	-0.0301
rs73445076	C	-0.0174
rs62578970	T	-0.0495
rs74547496	G	-0.0479
rs2856923	A	0.0164
rs146331324	A	0.0871
rs10973201	C	-0.0373
rs3025324	T	0.0118
rs10965467	A	-0.0271
rs10217315	G	0.0197
rs880182	A	0.0262
rs1778979	G	-0.0117
rs10813534	C	-0.0117
rs1930368	T	-0.0121
rs75687414	T	0.0309
rs62573299	T	0.0244
rs75062504	T	-0.0274
rs11791533	T	0.0375
rs77164813	A	-0.0556
rs2993179	G	-0.0141
rs79710281	C	0.0214
rs12683481	T	-0.0129
rs143427030	T	0.0638
rs36075661	A	0.0123
rs13300050	C	-0.0114
rs10978426	A	-0.0455
rs148720094	C	0.0597
rs17388292	G	0.0333
rs17736177	C	-0.0383
rs73652357	A	-0.0578
rs79498287	A	0.0367
rs79838534	A	0.0351
rs1576286	C	-0.0222
rs4879938	C	-0.0121
rs35473056	C	0.0211
rs1169757	T	-0.0112
rs10981854	C	-0.0125
rs77560429	T	-0.0664
rs113873279	T	-0.0343
rs138879844	A	-0.0462
rs11792549	G	0.0195
rs10810936	T	-0.0125
rs72738984	A	-0.0774
rs73540677	A	-0.0265
rs61311941	G	-0.0258

rs11791808	T	-0.0341
rs149352613	T	0.0328
rs142141874	G	0.0974
rs10981570	G	0.0154
rs6475949	G	0.0156
rs3005833	T	0.0118
rs10975723	T	-0.0126
rs147208736	A	-0.0481
rs2808534	G	-0.011
rs116898018	T	-0.0194
rs149600052	A	-0.0649
rs117581184	T	0.0374
rs7861715	T	0.015
rs62560771	A	0.0139
rs142591876	A	-0.0414
rs142778489	A	-0.0414
rs73646145	C	0.0788
rs10982517	G	0.0115
rs143048777	A	-0.0667
rs117087249	T	-0.0555
rs13292228	C	-0.0249
rs118043611	A	0.0305
rs17616057	T	-0.0635
rs4979084	A	0.0167
rs869149	A	-0.0173
rs138258791	A	0.0567
rs72700541	G	-0.0976
rs74380073	A	-0.016
rs117684106	C	0.0727
rs3780275	G	0.014
rs955792	C	-0.0254
rs72746707	G	-0.0537
rs10869096	A	-0.0108
rs162621	C	0.0114
rs138757220	C	-0.0741
rs72706834	T	0.0146
rs74917162	G	-0.0221
rs112696208	C	0.0151
rs79777904	A	-0.0417
rs1538589	T	0.0113
rs79042034	T	0.0596
rs10869584	C	-0.0138
rs116989414	T	0.0418
rs79361412	T	0.0402
rs74728338	A	-0.021
rs138340377	A	-0.0378
rs72735128	G	-0.0227

rs80345560	A	0.047
rs79988810	T	0.0234
rs4842022	G	-0.0144
rs2510262	T	-0.0154
rs1029094	T	-0.032
rs77465374	G	0.0371
rs118023908	A	-0.0272
rs7861307	G	-0.0144
rs74497117	A	-0.0514
rs3739618	T	0.0152
rs35332779	G	0.0431
rs78719789	T	-0.0452
rs1470190	A	-0.0119
rs12686439	A	-0.0172
rs76828167	T	0.0376
rs113226515	T	-0.0496
rs111704290	T	0.0345
rs79034336	A	0.0516
rs139899366	C	0.1008
rs7037273	A	0.0175
rs147187446	C	0.0635
rs117235241	C	0.0468
rs7468858	A	-0.0168
rs2302425	G	-0.0257
rs80271371	G	0.0428
rs10988511	C	0.015
rs72709195	T	-0.0388
rs146894393	T	0.0968
rs13559	T	-0.0247
rs4741926	A	-0.0106
rs13296376	G	-0.0122
rs112430305	A	0.0637
rs11793044	G	0.0153
rs71495903	C	-0.0327
rs72719205	A	0.0713
rs843168	C	-0.0124
rs56198665	A	0.0385
rs3753029	G	-0.0113
rs10120334	A	-0.034
rs3891649	C	-0.011
rs113327033	G	0.0507
rs12352295	G	-0.0114
rs10993290	T	-0.0186
rs149233707	G	-0.0659
rs144433255	T	0.0616
rs62568915	T	0.0575
rs142623931	T	-0.0686

rs10817733	C	0.0107
rs35286976	A	0.0166
rs7860872	C	0.022
rs1901333	T	-0.0342
rs74673343	C	-0.0597
rs78997547	C	0.0165
rs10812402	T	0.0266
rs71523489	T	0.0107
rs147674555	A	0.0638
rs7032451	C	-0.011
rs72765479	C	-0.0216
rs149181677	T	-0.0657
rs10964641	C	-0.0319
rs10981804	T	0.0341
rs62535702	A	0.0478
rs10820165	C	0.0108
rs62535699	G	-0.072
rs10812054	G	0.0107
rs11139944	G	0.0121
rs41313973	G	0.0229
rs149805533	A	0.0539
rs1854444	T	0.012
rs117970450	C	0.0562
rs139752217	A	-0.0476
rs7870846	T	-0.0205
rs79003968	A	0.0645
rs296842	G	0.0108
rs58105812	A	0.0251
rs7870939	G	-0.0156
rs7846844	G	0.0139
rs10983001	A	-0.0825
rs74796145	G	-0.0491
rs10969874	C	-0.0201
rs113080994	C	-0.0788
rs117580532	T	0.0519
rs466037	C	0.012
rs10491914	T	-0.0126
rs114034808	G	-0.0222
rs10988176	T	-0.0681
rs143999471	G	0.0719
rs7025291	C	0.0134
rs116842574	T	0.0818
rs2095164	G	-0.011
rs35743286	T	0.0229
rs55896923	A	0.0281
rs7021109	A	0.018
rs79329115	A	0.028

rs117197865	G	-0.0503
rs77565875	T	-0.0656
rs12376283	T	-0.016
rs3012777	T	-0.0127
rs80242093	T	-0.058
rs4842080	A	0.0233
rs4742084	C	0.0885
rs75726564	T	0.042
rs117128444	T	0.0578
rs72735415	T	0.061
rs4385587	A	0.0179
rs7864658	G	-0.0115
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rs78660325	A	-0.0646
rs7872082	A	0.0247
rs113038917	T	-0.043
rs11789461	A	0.0405
rs79692530	G	0.0664
rs4742103	C	-0.0136
rs10813780	G	-0.0109
rs11144075	T	-0.0244
rs16914041	G	-0.0202
rs78302034	A	0.0253
rs12335470	C	0.0464
rs12553529	G	-0.0542
rs13289553	T	-0.0134
rs10739680	A	-0.0152
rs3132289	G	-0.0617
rs78826739	A	0.0614
rs10986271	A	-0.013
rs35835340	A	0.0152
rs62570856	G	0.0487
rs11788554	A	0.0146
rs2490588	A	-0.0107
rs12550979	A	-0.0116
rs11257242	C	-0.0809
rs10509088	T	-0.1813
rs984668	A	-0.0711
rs146373627	A	-0.2323
rs141747181	C	-0.3411
rs138436487	G	-0.4602
rs2397752	T	0.0774
rs2049814	A	-0.0618
rs1441265	A	0.0624
rs12359469	A	-0.1094
rs10761556	T	-0.0613
rs11188740	T	-0.1024

rs12769251	T	-0.0878
rs3910869	C	0.064
rs11528477	T	0.1119
rs332140	C	-0.0762
rs117285649	C	0.2045
rs10795671	G	-0.0757
rs7912495	G	0.0632
rs11251915	A	-0.2542
rs35549346	T	-0.0642
rs7074908	T	0.1803
rs7081173	A	-0.0612
rs11013200	G	0.0967
rs1211325	C	-0.1203
rs146997765	A	0.2735
rs149322444	G	-0.152
rs12252984	T	0.109
rs3750829	G	0.1439
rs12783314	A	-0.0808
rs147918689	G	-0.2484
rs12253621	C	0.0953
rs16931332	A	-0.0901
rs12261126	A	0.0691
rs12573346	C	0.1065
rs17886252	T	0.1113
rs7358283	A	0.0645
rs10906257	G	0.0952
rs3213018	C	0.2239
rs4409731	G	0.0669
rs75689693	A	0.1221
rs12255516	T	-0.0809
rs12255506	A	-0.0776
rs4357603	G	-0.1244
rs78257485	C	0.2097
rs79859036	A	-0.2572
rs11192438	T	0.1562
rs2688767	G	-0.0556
rs1961174	C	0.0711
rs117511331	A	0.3853
rs7918981	A	-0.1641
rs117641222	T	0.2331
rs72816130	A	0.2042
rs10995911	A	-0.0612
rs4934028	A	0.0529
rs7070673	T	0.148
rs75199434	C	0.1842
rs563341	T	0.0655
rs12415708	C	0.0838

rs11002798	A	0.0541
rs111855187	A	-0.263
rs145530227	A	0.3993
rs150643258	A	-0.082
rs11252561	T	0.2019
rs4411225	C	-0.0562
rs4615910	A	0.3155
rs12354495	G	-0.0807
rs4747890	T	-0.0684
rs7078615	A	-0.0661
rs56220804	T	-0.1728
rs74724883	T	-0.1638
rs140198791	T	0.3281
rs7087150	T	0.2086
rs75686970	T	0.2588
rs117393810	C	0.1342
rs7906816	G	-0.1089
rs34074260	G	0.1243
rs1343449	G	0.0601
rs56402261	C	0.0561
rs12267802	G	0.1132
rs72547489	C	-0.2863
rs12354995	G	-0.1844
rs55969695	T	0.2037
rs2961559	C	-0.053
rs74743081	A	0.208
rs75340942	T	-0.1225
rs80166458	G	-0.179
rs141703655	A	-0.2398
rs1887028	C	0.1433
rs79852255	T	0.171
rs1227073	T	0.0614
rs12766377	A	-0.0698
rs3121427	G	0.0527
rs10508215	A	-0.0621
rs75526378	A	0.2106
rs79731304	C	-0.1186
rs17221972	A	0.0518
rs11253615	T	-0.1175
rs72789102	T	0.1374
rs11815857	C	0.0647
rs72782784	T	0.1528
rs2394647	C	0.0903
rs12242056	C	0.1504
rs12783690	G	0.0811
rs6585827	A	-0.05
rs17533443	T	-0.0613

rs10826465	C	-0.0808
rs117537377	T	0.3663
rs117374324	C	-0.2434
rs61869306	A	-0.0904
rs10827787	T	-0.0664
rs113097405	G	0.1214
rs35452529	C	0.0643
rs34611245	T	0.3645
rs7078641	C	-0.1054
rs75466997	T	0.2649
rs137913203	T	0.1598
rs11254038	G	-0.1955
rs118000075	T	-0.3342
rs17389194	T	0.1996
rs35907506	A	-0.0678
rs36072611	T	0.1031
rs118024186	A	-0.2831
rs11201120	G	-0.0556
rs12254204	C	-0.1151
rs11599561	C	0.0797
rs78146673	G	-0.2512
rs10741245	T	0.0776
rs111656196	C	0.3031
rs7091993	C	0.056
rs149682498	A	0.1995
rs12413954	C	0.2689
rs959796	C	0.0827
rs687562	A	0.0845
rs60582627	G	-0.131
rs12772857	C	-0.0498
rs75410121	C	0.207
rs117221150	T	0.1273
rs10905150	A	-0.0496
rs11258862	A	0.1732
rs113925956	C	-0.1339
rs7089562	A	-0.073
rs7079213	T	0.0582
rs75641439	C	0.1186
rs34830785	G	0.1802
rs7070137	A	0.0784
rs1763893	G	0.0523
rs2019344	A	0.0776
rs1209491	G	-0.0606
rs3862561	T	-0.074
rs11017162	G	0.0696
rs75217763	C	0.2275
rs1469631	T	-0.0614

rs7919321	G	-0.0513
rs117963180	A	-0.3225
rs10764540	G	0.056
rs118128364	T	0.3257
rs150825076	T	0.299
rs74140518	G	0.1039
rs790814	G	0.0627
rs148841064	A	0.2166
rs66614223	A	0.0692
rs35576272	A	0.0721
rs7094761	T	-0.057
rs117912346	A	0.1915
rs78768252	A	0.2944
rs73362352	A	0.1128
rs11018080	G	-0.0556
rs75941388	C	0.1057
rs74343914	T	0.1442
rs28943575	C	0.118
rs117001479	C	-0.1546
rs4919512	T	-0.0688
rs1750761	G	0.071
rs56125863	T	0.0724
rs61871680	A	-0.0694
rs117405883	A	-0.29
rs61862368	A	-0.0556
rs116932661	T	-0.2725
rs61875472	G	0.0848
rs2735350	C	-0.0492
rs79746141	G	0.2105
rs74665297	T	-0.1734
rs72807965	A	0.1406
rs2505606	A	0.0511
rs1225404	C	-0.0518
rs304507	T	0.1196
rs117368190	C	-0.1292
rs79867092	A	0.1305
rs72780245	A	0.1782
rs12359239	A	-0.0477
rs968626	T	-0.0488
rs7899091	T	-0.062
rs378425	T	0.0513
rs117105638	A	-0.1518
rs151098415	T	0.1352
rs564239	T	0.2387
rs77252019	T	0.1321
rs10509810	G	-0.047
rs12243453	A	0.121

rs145045006	A	0.138
rs111416047	G	0.0853
rs117296537	T	-0.3178
rs78378187	T	0.1819
rs118100442	T	-0.1403
rs11194080	C	0.2544
rs61866708	G	-0.307
rs61849817	T	0.0856
rs2436029	C	0.1397
rs149464173	T	-0.2425
rs117720127	A	-0.1196
rs7076208	A	0.0672
rs7916087	A	-0.0598
rs7073238	T	-0.0555
rs17103728	A	0.0791
rs11186244	G	0.0505
rs583510	C	-0.0682
rs11239527	C	0.251
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rs1108235	A	0.0536
rs2790453	A	-0.0462
rs117548618	C	0.2785
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rs10795538	T	0.0529
rs74951188	G	-0.1396
rs117379382	A	0.1954
rs117372254	G	0.1798
rs117759769	A	0.1388
rs1978997	A	-0.1362
rs10509660	G	-0.0575
rs7915416	G	-0.0648
rs7898286	T	-0.0477
rs145313914	T	0.2979
rs11244976	A	0.0613
rs142145800	A	0.18
rs3750707	G	0.1022
rs2762617	G	0.0842
rs61863398	G	0.1735
rs117221497	A	0.2265
rs140377856	T	0.2934
rs146676863	A	0.2412
rs2093917	T	-0.06
rs2697027	G	0.0945
rs12248379	T	0.0616
rs112930880	T	0.1539
rs7900202	T	0.0455
rs11248644	T	-0.048

rs1317043	C	-0.0559
rs12246948	T	-0.0792
rs596406	C	0.0874
rs34187097	T	-0.0979
rs115239677	A	0.1529
rs726175	T	-0.06
rs117887587	T	-0.114
rs112898269	G	0.1717
rs1911370	G	0.0978
rs144438275	A	0.1883
rs79977722	C	0.0929
rs1149727	C	0.0756
rs34349355	A	-0.097
rs7921902	C	0.0466
rs145022007	G	0.1625
rs7074214	C	0.0642
rs79948188	A	0.1489
rs76316164	A	0.2699
rs9422860	A	0.0787
rs79671172	C	-0.0835
rs55706416	C	-0.0497
rs11257250	A	0.0775
rs2025458	C	0.0805
rs72787729	C	0.0525
rs10994188	G	-0.1008
rs12248989	C	0.0982
rs112671664	C	-0.1345
rs10829585	C	0.0491
rs147287784	T	0.1162
rs77961887	T	0.1028
rs35591998	C	0.0883
rs72795726	C	0.3005
rs947366	T	-0.0575
rs114180203	C	0.2216
rs76684984	A	0.079
rs11017746	T	0.1276
rs2026912	A	-0.0578
rs113366581	A	0.2635
rs7077174	T	-0.0751
rs80247712	A	0.2442
rs1936841	C	-0.0612
rs6602502	T	-0.0684
rs11195349	A	-0.0501
rs117056016	G	-0.253
rs117250418	A	0.1962
rs75125072	A	0.1666
rs942077	G	0.0772

rs142374659	A	0.286
rs79368884	T	0.3402
rs10823356	T	-0.0496
rs10905210	C	0.0701
rs11013004	G	0.2697
rs12358007	G	-0.1583
rs4590782	C	0.0741
rs11017571	C	-0.112
rs12265995	T	0.1393
rs79561833	T	-0.1457
rs11004590	T	0.0485
rs74442915	T	0.2326
rs4948244	T	0.0467
rs7921441	A	-0.0454
rs77680851	A	0.1021
rs780149	G	0.0556
rs3913914	G	-0.056
rs10886148	A	-0.0496
rs117238864	C	0.1516
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rs116888862	C	0.1049
rs75298540	G	-0.2203
rs4746163	A	-0.0663
rs61853119	C	0.19
rs75230335	C	-0.1394
rs7922001	C	-0.0469
rs75069837	G	0.1523
rs76866274	A	-0.2245
rs12217666	C	0.1387
rs11018222	T	-0.0593
rs239864	T	-0.0505
rs2500311	C	0.0479
rs11258950	C	0.1481
rs4746909	T	0.0968
rs143388240	A	-0.2398
rs114895783	A	0.1798
rs76557053	T	-0.244
rs7904263	A	-0.0456
rs10905115	G	0.0492
rs111399988	G	0.1102
rs4142016	A	-0.1238
rs55873340	G	-0.1701
rs12146316	T	-0.0759
rs7088922	T	0.0654
rs34175236	T	0.1433
rs76421024	G	0.1874
rs143961493	A	-0.2327

rs71477520	A	0.2379
rs73304040	A	0.1597
rs10764956	T	0.0507
rs1248567	T	-0.0623
rs12770749	G	-0.0629
rs17259303	T	0.074
rs4041235	C	0.0458
rs7914048	A	-0.0699
rs76244763	C	0.1059
rs34113707	A	0.0513
rs2039514	G	0.132
rs79863726	C	0.1077
rs1880384	G	0.0632
rs1462134	G	-0.0462
rs118094751	A	0.1825
rs11200084	T	-0.0663
rs1014084	A	-0.1391
rs77066813	A	0.0703
rs1974069	C	0.0515
rs74675105	A	-0.1148
rs11195664	A	-0.0851
rs75184896	A	0.0718
rs12779260	G	-0.0465
rs72845619	T	0.1871
rs16937216	T	-0.1086
rs138025492	G	0.1868
rs117337154	C	-0.1929
rs11252061	G	0.1118
rs57342584	G	0.0618
rs148308239	G	-0.3994
rs72794357	A	-0.1467
rs10906734	A	0.0796
rs1796884	C	0.0451
rs516096	C	-0.0486
rs112702235	C	-0.1324
rs76570136	T	0.1106
rs142823982	C	0.2226
rs7900885	T	0.0434
rs55819835	T	0.0952
rs7084263	A	0.1124
rs11244973	C	0.0768
rs11016248	G	-0.0768
rs11813343	A	0.1104
rs61863410	A	0.2434
rs117721398	G	0.3835
rs12771657	T	0.0796
rs17616549	G	-0.1074

rs1471666	A	-0.0468
rs78202847	G	0.2171
rs702370	G	0.0504
rs1982871	A	0.0468
rs7921983	A	0.0472
rs1711673	G	0.1493
rs117769860	C	0.1967
rs116847756	A	0.1332
rs145370214	T	-0.1271
rs4935578	C	0.0515
rs41302719	T	-0.0685
rs10762792	T	0.0794
rs10902891	G	0.0888
rs12777755	T	0.0854
rs7920503	T	-0.0807
rs10763211	G	0.0563
rs12253340	C	0.0559
rs142653407	C	0.2666
rs7067827	G	-0.098
rs12260233	C	0.0437
rs7910719	A	0.1427
rs2894246	T	0.0918
rs78972616	T	0.1132
rs11252080	G	0.0651
rs72802693	T	-0.0444
rs3916024	A	0.1111
rs4615961	T	0.0767
rs116899952	A	0.1318
rs144407482	A	-0.4363
rs74341195	A	-0.2452
rs11252709	A	-0.0465
rs72777713	A	0.1366
rs11257814	A	0.0824
rs10795405	A	-0.0646
rs4751371	A	0.0501
rs2002194	A	-0.0444
rs12411683	T	-0.0593
rs77080751	A	0.1162
rs17631759	G	-0.0594
rs1342275	C	0.0474
rs78121526	A	0.1887
rs6597821	A	0.0452
rs73338595	A	0.0563
rs1936837	A	-0.0485
rs72777177	G	0.2249
rs79256524	G	0.3726
rs10828405	C	0.0432

rs11255932	G	0.0439
rs1187101	A	-0.0427
rs113767262	A	0.3456
rs3904886	C	-0.0479
rs72816348	G	0.2084
rs2660011	A	0.0526
rs34243276	G	-0.0643
rs55908031	T	-0.204
rs150058961	T	0.1051
rs1571212	G	-0.0458
rs17129610	A	-0.1684
rs760336	C	0.045
rs4749795	T	0.0448
rs116851534	A	0.2115
rs145080378	T	0.2309
rs1312841	C	-0.0568
rs10999217	C	-0.0873
rs7897142	C	-0.0897
rs7084711	T	0.1087
rs17294005	G	0.0773
rs2500319	G	0.2127
rs10881933	T	-0.0712
rs10827747	G	-0.0749
rs113943543	A	-0.1956
rs7080943	C	0.0492
rs79083224	T	0.2071
rs76896434	C	0.2019
rs55815154	G	0.092
rs11193561	T	-0.0508
rs9419588	G	-0.0425
rs75512121	G	0.1459
rs112404446	A	-0.2479
rs80261707	C	0.1178
rs61836049	A	0.2145
rs116215518	T	0.3478
rs142939812	T	-0.061
rs2007553	A	-0.0703
rs10870311	C	0.0414
rs148868539	T	0.1733
rs117200338	T	0.1395
rs9299503	A	-0.0936
rs74385722	T	0.1864
rs11190274	T	0.0695
rs77269681	G	-0.2949
rs76798908	T	-0.0616
rs112270981	G	0.2161
rs7913894	T	-0.0568

rs4917744	T	0.0576
rs11007483	T	-0.305
rs3964873	C	0.0719
rs16912897	A	-0.2285
rs7918046	T	-0.0465
rs10786068	C	0.0465
rs17099185	A	-0.049
rs11190449	C	0.0901
rs4747167	A	0.0494
rs11202866	T	-0.1482
rs10883587	C	0.0421
rs1543836	G	-0.0561
rs7911009	T	0.0614
rs12770559	G	-0.2976
rs11256442	T	0.0449
rs77393175	T	0.1637
rs34353319	T	-0.0741
rs4917903	C	-0.0756
rs11198190	G	0.0491
rs79977373	G	0.1838
rs117786921	A	-0.222
rs79324861	A	-0.0552
rs75361026	G	0.1717
rs11197446	T	-0.1484
rs61851964	G	0.0995
rs4750928	C	0.044
rs7075756	A	-0.1762
rs7912280	T	-0.0427
rs115185933	C	0.2114
rs16928914	A	0.0488
rs72829115	T	0.0541
rs2587480	A	0.0691
rs72784662	C	0.1141
rs148597410	C	0.2978
rs12722556	A	0.125
rs76378198	C	0.2013
rs1219788	C	0.0461
rs17153464	G	0.1512
rs76957876	A	0.4103
rs111572047	G	-0.067
rs12217242	A	0.1918
rs141653273	T	-0.3847
rs76451279	G	0.1039
rs78860572	T	0.2624
rs77709021	C	0.1984
rs35645120	G	0.0819
rs57379974	T	-0.1286

rs72816711	C	-0.1403
rs12219967	G	-0.0418
rs10826578	C	-0.0447
rs748265	T	-0.1141
rs10902949	C	0.059
rs75263751	G	0.1139
rs10830047	C	0.0485
rs7080306	T	0.0974
rs117727148	T	0.2009
rs80211932	T	-0.0991
rs80156025	C	0.4476
rs7086494	C	0.0419
rs72789161	T	-0.2896
rs7080168	G	-0.0431
rs2420086	A	0.0978
rs117927297	T	0.1594
rs1874665	C	-0.0467
rs12245508	C	0.0426
rs10430500	G	-0.0554
rs10509684	G	-0.0498
rs79450314	C	0.1686
rs4575213	A	0.0416
rs502397	C	0.0978
rs12260435	A	-0.087
rs3902965	G	0.044
rs75971578	A	-0.1623
rs117261212	A	-0.4177
rs2479882	T	0.0778
rs117965901	G	-0.1268
rs10752169	C	0.0584
rs146910600	G	0.2031
rs11595059	G	-0.0586
rs116849951	T	-0.0969
rs117244029	T	-0.1473
rs7900898	A	-0.0985
rs74724661	A	-0.3048
rs79132728	A	-0.1282
rs4934425	G	-0.0429
rs7085134	G	0.0501
rs61875300	T	0.0683
rs41286896	G	0.2402
rs10466211	T	-0.0416
rs11198380	C	-0.0546
rs10822287	T	-0.062
rs12355933	T	0.0597
rs6585572	A	0.0529
rs1870170	T	-0.2095

rs79108114	A	0.0998
rs35320458	C	-0.0465
rs75951345	G	0.2391
rs7911239	C	0.0547
rs147790633	C	-0.0655
rs7071924	A	0.2092
rs72796404	G	0.0678
rs2394155	C	0.0443
rs12358001	G	-0.0537
rs10788317	T	0.0407
rs10998952	T	0.1645
rs73596431	G	0.1446
rs7072764	C	-0.0414
rs7907606	G	-0.0552
rs7096658	T	-0.0494
rs76464408	T	0.1465
rs12766269	A	-0.1427
rs1551688	A	0.0778
rs10883443	C	0.0615
rs35800178	G	-0.0417
rs12261944	A	0.0445
rs137882096	T	-0.0965
rs7089314	A	0.043
rs927870	C	0.0934
rs10900027	A	0.0548
rs10903519	T	0.0411
rs79066301	G	-0.1217
rs12412313	G	-0.0475
rs2807748	G	0.0616
rs11597902	C	-0.1437
rs282661	G	0.0673
rs117704348	A	0.1408
rs2664319	G	0.0867
rs145940205	T	0.1602
rs58751041	T	0.104
rs2782613	A	-0.0399
rs9418717	C	0.0557
rs35912786	C	0.3559
rs2479694	T	-0.0553
rs2255160	G	0.0793
rs2918133	A	0.0951
rs3013815	T	-0.0664
rs7922359	G	-0.0463
rs7893993	A	0.043
rs4752704	A	0.0913
rs3740551	T	-0.0472
rs1762002	A	-0.0402

rs142762819	T	-0.202
rs117412548	T	0.1194
rs143022234	G	-0.2081
rs7081208	A	0.0451
rs7893299	C	0.0415
rs11254647	C	0.136
rs17229830	T	-0.0716
rs61838413	A	0.0547
rs35627079	A	-0.3578
rs34592869	T	0.09
rs12241375	C	0.0426
rs80187193	G	-0.1623
rs34535475	G	0.0976
rs41281949	T	0.4016
rs1176414	C	0.0559
rs28879218	T	-0.094
rs11238970	C	0.0746
rs111971590	G	-0.1902
rs35128420	T	-0.0427
rs115871928	A	0.2273
rs117231466	C	0.2458
rs3912390	A	0.041
rs17143090	G	0.0513
rs117851550	T	0.2323
rs2495704	C	0.0816
rs11257772	G	0.074
rs10430706	G	-0.0569
rs11193529	G	-0.0863
rs77456721	A	0.1718
rs72790808	C	-0.109
rs11252540	C	0.0791
rs2487852	A	-0.0792
rs10748721	T	-0.0417
rs117384371	C	-0.146
rs77922214	A	0.1747
rs72814902	T	-0.0879
rs117059811	T	0.194
rs17805636	G	-0.102
rs72805824	T	0.098
rs61849881	T	-0.2044
rs11013248	C	-0.212
rs145986044	A	0.3273
rs77990236	A	-0.1564
rs10883534	A	-0.0461
rs667027	T	0.0844
rs36059849	A	0.0652
rs12267729	C	-0.0461

rs79090545	G	-0.2994
rs74426624	C	0.2104
rs1948838	A	0.0472
rs16917138	G	-0.056
rs6481897	T	0.0506
rs11201928	A	0.067
rs72816276	G	0.0818
rs142835547	T	-0.2126
rs11817104	G	0.0856
rs6586030	A	-0.058
rs148120086	A	0.2365
rs12263883	A	0.0467
rs12412938	C	-0.1635
rs224142	G	0.1063
rs17721259	C	-0.2219
rs1986577	T	0.0432
rs2817838	T	-0.0776
rs144167520	A	0.2436
rs10823164	C	0.1185
rs79189032	G	0.1754
rs7895721	A	-0.0715
rs6585687	C	0.0413
rs78136174	A	0.207
rs11595641	A	0.0663
rs10741263	A	0.0457
rs59884527	C	0.1265
rs11257776	T	-0.086
rs11194338	G	-0.1494
rs35938287	A	0.078
rs1332336	G	0.2258
rs7923713	A	-0.0393
rs7919862	C	-0.0408
rs16923413	A	-0.0801
rs145390687	C	-0.1772
rs7077085	G	0.0463
rs9416972	A	0.096
rs1538311	T	0.0405
rs143642187	G	0.1507
rs79127607	T	0.1488
rs147099981	T	-0.2681
rs4747847	T	0.0827
rs2664655	G	0.0522
rs77680303	G	0.161
rs11186052	G	0.1684
rs10741048	C	-0.0577
rs146125173	A	0.2206
rs11197596	C	0.0441

rs2269104	A	-0.0463
rs1779638	G	-0.0576
rs11196711	C	0.0595
rs1192635	G	-0.0446
rs78214719	T	-0.0427
rs10764768	T	0.0463
rs117415077	A	-0.193
rs10508489	T	0.0661
rs74117931	T	0.1021
rs3858218	G	0.0494
rs4468280	G	0.0432
rs7918153	A	0.2324
rs10821945	G	-0.0426
rs57592469	G	-0.0429
rs10995235	A	0.0514
rs78643841	A	0.0737
rs72815390	A	0.1842
rs142086777	A	0.3173
rs4751311	C	0.0518
rs604600	T	0.1118
rs149160201	T	0.1665
rs7907299	C	0.0407
rs722258	T	0.0404
rs77812929	A	-0.1121
rs117375416	C	-0.2124
rs142821330	C	0.3597
rs72811328	A	0.174
rs78613136	A	0.1674
rs75667082	C	0.0815
rs1796858	A	0.0511
rs1879316	T	0.0578
rs10882812	T	-0.0431
rs1911319	A	0.0744
rs35740944	C	-0.0685
rs10829317	C	0.0436
rs2894129	A	0.0381
rs7915298	A	-0.0782
rs1255370	C	-0.0395
rs80025149	T	0.1512
rs4545485	G	-0.1132
rs6482265	A	-0.0442
rs1240393	A	0.1937
rs117461603	A	0.1843
rs2986651	C	0.0454
rs6481350	T	0.155
rs76967740	G	0.1552
rs61848656	T	-0.1512

rs10825274	A	0.0483
rs4750341	A	-0.0447
rs77115448	A	-0.0672
rs4933538	T	-0.0473
rs117899600	A	-0.2645
rs17725710	G	-0.0511
rs3116708	C	-0.0437
rs60015709	A	-0.0943
rs4304725	A	0.0395
rs74590321	A	0.131
rs74600065	T	0.0972
rs79450558	C	0.211
rs138780162	A	-0.0967
rs74744426	T	-0.0912
rs7092606	C	-0.0565
rs17680430	G	-0.0658
rs7915131	C	0.0393
rs79516825	C	0.2091
rs4934871	A	-0.05
rs4319431	T	-0.0488
rs7074195	G	0.0396
rs2637623	T	0.0897
rs56812512	C	-0.0764
rs55917111	T	0.2052
rs11592521	A	0.2433
rs116870953	A	-0.1668
rs59092106	T	-0.039
rs117875496	T	0.2477
rs77225111	T	0.0872
rs12250180	G	0.2384
rs11017796	C	0.101
rs11198905	T	0.0452
rs72824077	C	-0.0494
rs116938586	C	0.0816
rs117591647	A	0.2039
rs61835717	A	-0.0474
rs74664444	C	0.1977
rs149310859	T	0.0707
rs72825693	T	0.3353
rs4979930	T	-0.0664
rs61862703	G	-0.2227
rs11013257	A	0.0987
rs138584041	C	0.2403
rs2488161	G	0.0551
rs2447025	G	-0.0421
rs7899488	C	0.0405
rs117612853	T	-0.2238

rs144303979	T	-0.226
rs1360749	C	0.0467
rs74137786	A	0.2441
rs11252810	T	0.0859
rs35909046	G	0.1024
rs7902346	A	0.0416
rs11250459	A	-0.05
rs703956	A	-0.0695
rs145254414	A	-0.2375
rs1926131	C	-0.0398
rs75058807	G	-0.1616
rs11250506	A	0.2083
rs142599947	A	-0.2011
rs75711097	A	-0.2427
rs61281666	C	0.1181
rs7091697	G	0.0388
rs142908159	C	-0.1248
rs10882834	C	-0.0542
rs137882235	G	0.0729
rs117665183	A	-0.1749
rs12777489	T	0.0901
rs146476887	T	0.2313
rs157982	A	0.0374
rs80193187	A	0.1711
rs10822133	A	0.0444
rs9971258	G	0.0606
rs11193643	C	-0.0418
rs113566995	A	0.2536
rs452121	C	0.0564
rs4450129	C	-0.071
rs1569199	C	0.0397
rs79856310	A	0.1801
rs78692516	T	-0.127
rs1010624	T	0.0452
rs10736991	T	-0.1732
rs12357090	G	0.1674
rs112372528	T	0.2108
rs3851244	C	0.0383
rs77537106	A	0.3217
rs6585732	A	0.0442
rs141712064	A	0.1729
rs117775167	G	-0.2356
rs7920896	T	-0.1018
rs4748472	C	0.0407
rs1925265	G	-0.0408
rs1339466	C	0.2161
rs10763402	G	-0.0378

rs10884126	A	0.0433
rs17668311	T	0.11
rs1494203	G	0.0384
rs118143921	C	0.2485
rs12263840	T	0.0397
rs117345199	C	0.1728
rs4917795	C	0.0785
rs12266632	G	0.0787
rs75309653	G	-0.1923
rs76702428	A	-0.1845
rs55983164	C	0.2835
rs79873040	C	-0.1284
rs942531	G	-0.0398
rs11007191	C	0.0578
rs78821485	G	0.2807
rs2671613	C	-0.0387
rs34063688	G	0.0408
rs10508668	T	0.0809
rs74130829	T	-0.2317
rs11816117	T	-0.0772
rs2860495	T	-0.0446
rs6585258	T	-0.0406
rs72776841	T	0.1625
rs9804221	G	0.0651
rs7070245	A	-0.1761
rs78312250	G	0.0863
rs10885591	A	-0.0639
rs112653305	A	0.3027
rs80222422	C	0.0851
rs117753849	G	0.1708
rs11004071	A	-0.1002
rs58462577	G	0.1802
rs12775723	T	0.1012
rs74124346	C	0.1434
rs1148238	C	0.2988
rs79166123	C	0.1413
rs1702224	G	-0.0384
rs76181093	T	-0.1901
rs11011973	G	-0.1041
rs7901887	T	-0.0432
rs17375284	G	0.0938
rs10997637	T	-0.1222
rs12777446	C	-0.0456
rs10128333	T	-0.0529
rs72841566	A	-0.1609
rs1413760	A	0.0381
rs7901798	G	0.0408

rs482482	A	0.1144
rs139829754	T	0.2021
rs1626941	A	0.0436
rs10160021	A	0.1082
rs184090	G	0.0378
rs144611657	A	-0.0882
rs35323240	G	0.0476
rs73278303	G	0.1605
rs11186767	C	-0.0958
rs1979336	C	0.0655
rs563654	T	0.0767
rs11814342	G	-0.0413
rs3847337	T	-0.0457
rs117426760	T	-0.1263
rs116930417	T	-0.1423
rs74947512	T	-0.1056
rs1475097	C	-0.1294
rs112077621	T	0.0607
rs920409	G	-0.0471
rs10904191	T	-0.0679
rs146819031	G	-0.3012
rs35561724	A	-0.0529
rs1001875	T	0.0448
rs2490299	C	0.0516
rs111447170	T	-0.0944
rs4838384	G	-0.04
rs11817866	T	0.0383
rs76204879	A	0.2048
rs2290714	G	-0.0921
rs3780867	A	0.037
rs72828265	A	-0.1252
rs9299498	A	0.149
rs2394307	C	0.0528
rs12355141	T	-0.0373
rs61849823	C	-0.0534
rs61858213	T	0.1714
rs113372907	A	0.0427
rs117220867	T	-0.2191
rs4519046	A	0.0485
rs1932906	G	-0.0604
rs7907258	A	0.0717
rs10998983	A	-0.0405
rs4350266	A	-0.0382
rs77701291	T	0.1727
rs2631686	C	-0.0414
rs112481776	A	-0.1821
rs10903943	T	-0.0556

rs10828022	A	0.044
rs117112798	C	0.264
rs11188249	G	0.0773
rs142212189	A	0.1615
rs144769602	A	-0.1661
rs6602312	C	-0.0369
rs72834786	C	0.1629
rs1896392	G	-0.0452
rs112572686	T	-0.0579
rs10734046	G	0.0389
rs9423444	C	-0.0461
rs10795726	G	0.0422
rs116858785	C	-0.0935
rs11259586	G	0.0389
rs2785244	T	-0.0454
rs4747867	A	0.0487
rs16917268	A	0.1656
rs118093527	T	-0.0955
rs61875110	T	0.0507
rs56307799	T	0.048
rs10824586	A	0.0487
rs11191816	A	0.0433
rs118092462	A	0.1714
rs79023706	G	0.2481
rs1543844	T	0.0985
rs11200787	T	0.0385
rs12257225	T	-0.0502
rs11259307	T	-0.0722
rs2228149	A	-0.0973
rs75342057	G	-0.0654
rs11195503	T	0.1229
rs10762321	G	0.0746
rs79556620	A	0.2129
rs17608529	T	-0.1893
rs4339935	G	0.0378
rs2297330	A	-0.044
rs76314806	G	0.0913
rs12761729	C	-0.0443
rs17094724	C	-0.0994
rs10748726	A	-0.044
rs61870775	A	-0.1234
rs144026523	T	0.2619
rs4749607	T	-0.0434
rs4603211	A	-0.0499
rs10886696	A	0.0805
rs146260616	T	0.1393
rs12217829	T	0.0581

rs17880313	A	0.0607
rs72803021	T	0.1034
rs117302554	A	-0.2956
rs12360508	A	-0.0552
rs41305999	A	0.0751
rs7911266	T	0.0516
rs61863578	G	-0.0425
rs72781882	C	0.0948
rs827402	T	0.0827
rs57973253	G	-0.0518
rs7903757	G	-0.0406
rs41295087	T	0.0602
rs61736835	A	-0.106
rs55708186	A	-0.1624
rs36014643	G	0.0787
rs11596570	T	0.1318
rs10999828	A	0.067
rs79229209	G	-0.0861
rs7097951	A	0.1748
rs74142728	G	0.1657
rs4748762	A	0.0544
rs56013969	A	0.1729
rs138365907	A	0.1635
rs7909525	C	-0.0755
rs1492704	T	-0.0602
rs17560220	C	0.1249
rs74553911	C	-0.1019
rs57734913	A	-0.0893
rs7915232	A	0.0672
rs117737956	G	0.1841
rs141105893	G	-0.0749
rs10762389	G	-0.0432
rs185545	C	-0.0479
rs72821592	C	0.1092
rs80084166	T	-0.2497
rs1034139	G	0.0424
rs74524780	C	0.1727
rs35230147	A	0.0424
rs4752676	C	0.0596
rs149925047	T	-0.1501
rs140234156	T	0.17
rs17099533	A	0.125
rs2474748	A	-0.038
rs4980260	T	0.0431
rs117739785	C	-0.2787
rs56074042	C	0.0609
rs72787282	C	-0.1155

rs10509540	C	-0.0414
rs78315116	T	-0.2292
rs80223245	G	-0.1271
rs4750724	C	0.0366
rs7913836	T	0.0374
rs117269329	C	-0.1607
rs4934158	C	0.0426
rs728939	C	-0.0412
rs10826322	T	-0.0371
rs72640001	A	0.091
rs35106227	G	0.0527
rs7912111	C	-0.0455
rs12266567	A	-0.0455
rs75213911	A	0.2177
rs2576440	T	-0.1863
rs16917616	C	0.2668
rs7912686	C	-0.0463
rs2804081	G	-0.0583
rs9783254	C	-0.0466
rs2924301	C	0.0544
rs116422211	T	0.1137
rs79853435	T	-0.2345
rs6584718	T	0.077
rs71475595	G	0.1401
rs149925122	G	0.2122
rs7089476	G	0.0735
rs12783492	T	0.0455
rs35709822	C	-0.0568
rs117684550	A	0.135
rs12354429	A	0.0434
rs12249846	T	0.1504
rs946029	A	0.0363
rs3793813	C	0.085
rs2480290	T	0.0506
rs7098146	C	-0.0381
rs7100998	T	-0.0728
rs140972278	A	-0.2638
rs116313472	G	0.1541
rs112850529	T	0.0655
rs17595905	A	0.1386
rs10763839	C	0.0556
rs59607258	G	-0.0895
rs12263059	C	-0.0834
rs140979856	C	-0.1226
rs55662542	T	0.1846
rs117055026	A	-0.1248
rs1993992	G	0.058

rs11016841	G	-0.0485
rs2505523	G	0.0372
rs11248493	T	0.1164
rs11200687	A	-0.1837
rs7907109	T	-0.1116
rs2530338	T	-0.054
rs4747484	A	-0.0375
rs6480454	A	0.0845
rs34955007	A	-0.1793
rs72811105	T	-0.1044
rs17109834	C	0.069
rs139747956	G	0.1577
rs7919068	G	0.0871
rs117879185	G	0.3038
rs58549051	G	0.1195
rs17143770	T	0.051
rs76124550	T	0.1434
rs118034757	T	-0.1551
rs1541020	T	0.0379
rs4539216	A	-0.0629
rs17746916	T	-0.0839
rs11186433	A	0.0415
rs112450088	A	-0.1356
rs59153348	G	0.1446
rs12264492	G	-0.0396
rs12257107	A	0.155
rs1833478	C	0.0385
rs2165874	G	-0.0391
rs144762254	A	-0.3816
rs145834487	T	0.221
rs1368532	T	0.0376
rs12779532	T	-0.1285
rs12415698	G	0.258
rs1853628	T	0.0978
rs72817812	C	0.0833
rs2516624	G	-0.1372
rs74584858	T	0.1437
rs4749168	T	-0.1122
rs10748857	G	-0.0744
rs7904048	A	0.1042
rs113321184	A	0.0641
rs11244519	T	0.0399
rs1904667	G	0.0488
rs10508437	G	-0.0483
rs12255622	G	0.1561
rs78943371	C	0.2222
rs146094654	T	0.1123

rs6479688	G	0.039
rs1197586	T	-0.1018
rs117946494	T	-0.2219
rs5030888	T	0.3858
rs74411266	T	0.179
rs1978927	T	-0.0356
rs1148225	G	0.0385
rs117675846	C	-0.1983
rs7089157	G	0.1099
rs59208231	A	0.1116
rs141642826	T	0.1221
rs4253134	T	0.2359
rs912476	T	0.041
rs77493313	T	-0.116
rs2420784	T	-0.0404
rs117979457	A	0.331
rs4980037	G	-0.0553
rs1349893	C	-0.0451
rs4074366	C	-0.0429
rs3094978	T	-0.0576
rs4528240	T	-0.0405
rs1806691	A	0.0432
rs79150753	G	-0.1033
rs10827311	A	-0.0514
rs2480299	G	-0.0388
rs4751655	C	0.036
rs1271408	T	0.0765
rs2991930	C	0.036
rs11245345	A	0.0548
rs55806351	C	-0.1046
rs73593861	G	0.0544
rs79467439	A	0.084
rs77695516	T	-0.2587
rs1419267	G	0.0416
rs74975330	G	0.0735
rs61874052	G	-0.1212
rs75385007	A	0.0844
rs117423565	C	0.1478
rs80349868	A	0.2061
rs117913520	T	-0.0887
rs111336872	T	-0.259
rs116725254	T	-0.141
rs17661090	A	0.039
rs11008913	T	0.0479
rs7916646	A	0.0647
rs7091032	A	-0.1423
rs1870136	T	-0.0401

rs12360283	A	0.077
rs144996047	C	-0.1424
rs117508898	T	-0.1761
rs56056432	C	0.0563
rs113106744	T	0.1378
rs35403779	T	-0.1454
rs11198968	A	-0.1178
rs12252088	T	0.0675
rs72822542	A	-0.2861
rs17842280	A	-0.0786
rs12412010	T	-0.0853
rs10786924	T	0.0408
rs7896910	A	-0.0387
rs74493970	A	0.2673
rs115350322	T	0.2353
rs11248323	T	-0.1377
rs17144512	T	-0.0643
rs72785490	T	-0.1253
rs2383991	C	-0.0356
rs1878034	T	-0.1017
rs12765700	T	0.0853
rs7393975	C	0.0432
rs2490809	C	0.3827
rs61851533	T	0.1253
rs71475468	G	-0.1532
rs76243118	A	-0.1626
rs11002129	C	-0.1088
rs2893964	C	0.0519
rs2060893	G	-0.0863
rs3121491	G	0.0353
rs55801898	A	-0.0811
rs12265048	T	-0.0366
rs7075665	C	0.1679
rs7908148	T	0.0469
rs34386365	A	-0.0842
rs77161010	A	0.0481
rs7898327	A	-0.1937
rs1550717	G	-0.066
rs117850540	C	0.3051
rs11003585	C	-0.0726
rs12411614	A	-0.0624
rs80042086	T	0.1664
rs11188950	G	0.1257
rs10788411	A	-0.155
rs11599248	A	0.1058
rs139953073	A	-0.2705
rs4979987	C	0.0525

rs2182303	A	-0.092
rs117612915	A	0.084
rs16913394	A	0.0706
rs11017551	C	0.047
rs10741019	G	0.0356
rs117972875	G	0.184
rs16912807	T	-0.0765
rs28390243	A	-0.0399
rs117863884	T	0.2563
rs117811856	T	-0.1366
rs2388895	T	-0.1676
rs4750273	C	0.0466
rs4934518	C	0.0466
rs17619990	C	0.0526
rs11202091	T	0.0513
rs12414602	A	-0.0554
rs77454771	G	0.1714
rs11817055	C	-0.0547
rs60661480	A	-0.1911
rs10886186	C	-0.063
rs12722588	T	0.0458
rs10905747	A	-0.04
rs12569567	T	-0.0384
rs2808067	T	0.0382
rs61862036	A	0.0628
rs12359318	A	-0.0356
rs11017475	C	0.0433
rs11017757	C	0.067
rs12246635	C	0.0619
rs7081658	A	-0.0508
rs11192252	C	-0.0775
rs12247015	G	-0.0354
rs10887325	G	-0.038
rs117835675	A	-0.1249
rs117218991	A	-0.1552
rs149698384	G	-0.1479
rs1570956	G	0.0468
rs61851417	A	-0.0851
rs41385044	G	-0.0755
rs77868200	T	0.0922
rs9663244	A	0.0547
rs12358230	T	0.0521
rs116973456	G	-0.1584
rs10827226	T	0.0519
rs12767507	T	0.0658
rs72771280	A	0.1258
rs1251123	A	0.1185

rs41306304	G	0.1023
rs111958828	C	0.0426
rs145854261	A	-0.1722
rs78844492	C	0.1418
rs2349476	A	-0.0407
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rs59827489	C	-0.0751
rs74640492	G	0.1552
rs1149753	T	-0.0664
rs4277017	A	-0.0412
rs72786750	G	-0.0433
rs72812178	T	0.0893
rs118117734	T	0.1266
rs885333	T	0.0473
rs1766274	C	-0.0352
rs16917995	C	-0.0585
rs290481	T	0.0476
rs35208454	C	0.0512
rs4948279	A	-0.0488
rs12764429	G	0.0636
rs893587	A	-0.038
rs78036371	G	-0.1097
rs10509552	T	0.0439
rs4749340	T	0.0804
rs2388890	A	0.038
rs12247230	C	0.0547
rs1227063	A	0.05
rs142328600	A	-0.1421
rs482858	A	0.0435
rs74959971	C	-0.1303
rs117942795	A	-0.1752
rs117097631	T	-0.1148
rs76019775	T	0.206
rs2688752	T	0.0386
rs7086375	A	-0.0447
rs1409404	G	0.0355
rs61876140	T	-0.1747
rs4948391	C	-0.0593
rs144810858	A	0.1639
rs140756701	A	0.1616
rs11251762	G	-0.0889
rs113278573	T	-0.1025
rs984340	C	0.049
rs76414714	C	0.1507
rs11190411	T	0.2112
rs78939150	A	0.1759
rs773961	T	-0.0375

rs74846242	C	0.0935
rs1324886	T	0.0359
rs1539587	A	0.0781
rs1888668	A	0.0348
rs117143498	C	0.277
rs117506885	G	-0.239
rs11016314	G	0.0395
rs17129458	A	0.0839
rs17226417	C	-0.0587
rs17601696	T	0.0672
rs1655130	A	-0.0453
rs10998700	T	-0.042
rs11256966	G	-0.0504
rs115680791	A	0.2853
rs17300357	A	-0.1239
rs7476605	T	0.0403
rs551389	G	0.0459
rs140490969	A	0.1475
rs78115787	A	0.1336
rs4750494	T	-0.036
rs4748516	G	0.0345
rs2224506	G	-0.0387
rs138431526	C	-0.1043
rs11010995	C	0.0982
rs10776672	G	0.062
rs34232808	A	0.1455
rs2845910	A	0.042
rs7915300	T	-0.2261
rs11599327	G	-0.0414
rs10999777	C	-0.0647
rs142849501	G	0.4007
rs35435313	T	-0.1081
rs2489836	C	0.1423
rs17570037	G	0.1636
rs10824736	C	0.0752
rs145545725	T	0.2652
rs74436219	C	0.2624
rs55800946	C	0.0367
rs11011872	C	-0.0358
rs6602481	C	0.0382
rs2895527	G	0.0346
rs79611925	G	0.1748
rs2026417	C	-0.083
rs10995903	A	0.0453
rs12783964	T	-0.0422
rs80269351	A	0.0912
rs10886553	A	-0.0364

rs143194160	C	-0.172
rs117453913	C	-0.1336
rs10829653	A	-0.043
rs12354871	T	0.0449
rs9423463	G	-0.0389
rs2797879	C	0.2204
rs4745779	G	0.0432
rs2884577	T	0.0785
rs12261332	C	-0.0586
rs3818910	C	-0.0435
rs55861344	A	0.0838
rs78487324	T	0.1378
rs17757720	G	-0.1535
rs76922144	T	-0.185
rs728709	G	0.0394
rs10886083	A	0.0353
rs10795060	T	-0.0394
rs10995839	C	0.0565
rs10884478	C	0.0383
rs2148478	T	-0.0728
rs80317006	A	0.0399
rs146222716	T	-0.2789
rs2254501	A	0.0365
rs76555426	G	0.0976
rs12768311	A	-0.0592
rs1781824	C	-0.0754
rs77253611	G	0.1161
rs16937026	T	-0.121
rs139210567	A	0.225
rs77212942	T	0.0676
rs12241863	T	0.0363
rs112438819	A	-0.2743
rs3889986	A	-0.111
rs113877801	T	0.2627
rs1537663	C	0.1085
rs3123159	G	-0.0655
rs12247684	C	-0.0576
rs61874527	G	-0.0511
rs117564432	T	-0.2151
rs2864000	G	-0.0362
rs12783227	A	-0.1069
rs10510004	A	0.0377
rs11251868	T	0.0444
rs10823320	G	0.081
rs111738770	T	-0.173
rs74813554	A	-0.1235
rs113830395	G	-0.2008

rs10829152	A	0.0376
rs17497819	T	-0.046
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rs79664729	G	-0.2321
rs11012287	A	0.0456
rs61347790	A	0.0585
rs41306860	T	0.163
rs148040230	T	0.1889
rs56197656	C	-0.0404
rs4293037	G	0.1397
rs2779334	C	-0.0377
rs7080690	T	0.0659
rs7084736	G	0.0346
rs503523	T	-0.0741
rs143931397	G	0.1377
rs142213569	A	-0.2287
rs10998440	G	-0.1083
rs1878025	G	0.2498
rs12244413	T	0.0762
rs4948291	T	-0.0368
rs12265171	A	-0.0405
rs146259010	C	0.293
rs11011832	T	0.2429
rs77225919	C	0.0703
rs17112128	G	-0.0582
rs114779173	C	-0.125
rs78074890	T	0.2602
rs17680667	C	-0.0735
rs10740666	C	-0.0416
rs113149471	C	0.2594
rs7067934	A	-0.0598
rs10751551	C	-0.0393
rs3781076	C	0.0584
rs113526280	T	0.3047
rs75401187	G	0.1686
rs496874	T	-0.0417
rs11187349	T	0.0422
rs112601890	T	0.3034
rs2782979	T	-0.0364
rs112489065	C	-0.1604
rs36113069	T	0.0419
rs76320790	T	-0.1847
rs2256766	T	0.0398
rs10899852	T	0.0462
rs60685600	G	-0.0482
rs34260225	G	-0.213
rs117640182	T	0.1187

rs143007829	T	0.1843
rs7894954	G	0.0839
rs11250671	A	-0.1611
rs12246482	T	0.0549
rs34081996	T	0.1181
rs11198510	T	0.0353
rs117593043	A	-0.1658
rs72814054	A	0.087
rs75442093	A	0.1554
rs57600324	G	0.0529
rs1863902	C	0.0393
rs61855109	A	0.2079
rs78846361	C	-0.2356
rs74897149	A	-0.0961
rs1925643	G	0.0423
rs148109207	C	-0.2107
rs12260956	A	-0.0605
rs11194924	C	-0.0485
rs111730382	T	-0.0806
rs2588917	A	0.0345
rs138754361	T	0.1646
rs113205753	A	0.3563
rs10996079	A	0.2134
rs148636438	C	0.1522
rs1650	A	-0.062
rs1867993	A	-0.074
rs4880353	G	-0.0407
rs111266084	A	-0.0985
rs117708421	A	0.3572
rs114317743	C	-0.148
rs79298577	G	0.1245
rs12250403	C	0.0737
rs139975549	G	-0.1298
rs11813890	T	-0.0894
rs11244813	A	0.0667
rs145161259	T	-0.1214
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rs117920091	T	0.084
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rs12359273	G	-0.0521
rs113978990	A	0.1651
rs61856819	T	-0.0402
rs9419240	T	0.214
rs11018089	A	0.0372
rs150168992	C	0.3095

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rs61827584	G	0.1084
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rs73591764	G	-0.0611
rs2281953	G	0.0662
rs140124680	T	0.1899
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rs11196803	T	-0.0641
rs11190730	T	0.0626
rs7082862	G	0.0569
rs17763750	T	-0.0672
rs61851258	G	0.0698
rs79796707	A	0.2433
rs45445395	A	-0.0441
rs117035572	A	0.1516
rs117351856	G	0.1296
rs116883193	T	-0.2485
rs11591283	C	0.0512
rs7900239	A	0.0515
rs11250633	T	-0.0373
rs80137711	G	0.1064
rs79358604	T	-0.0732
rs12268726	T	0.0477
rs112991768	G	0.0506
rs2039709	T	-0.0392
rs78323624	C	0.2315
rs10826493	C	0.0344
rs4838698	G	0.0439
rs2580904	C	0.0544
rs146914920	T	-0.1817
rs11000074	T	0.0728
rs77688920	T	0.1189
rs2479880	A	0.0381
rs7078869	T	-0.0334
rs12784687	A	0.1727
rs73343659	A	0.0926
rs7903627	A	0.0468
rs141167218	A	0.2105
rs796884	C	0.0687
rs1871612	G	-0.0486
rs10906543	T	-0.042
rs2804132	G	-0.0421
rs2244675	T	-0.0347
rs111472574	T	-0.0893
rs1599817	G	0.0862

rs61856592	G	0.175
rs72831099	C	0.1279
rs12250629	T	0.0343
rs61866982	C	0.0865
rs2642591	G	0.0404
rs12414632	A	0.1115
rs6482175	C	0.0484
rs1250600	T	-0.0354
rs141722806	A	0.2247
rs11816928	A	0.0517
rs10740466	C	0.0767
rs11244928	T	0.1443
rs118105769	A	0.2104
rs3009891	A	0.0543
rs80008789	G	0.131
rs12098530	G	0.0943
rs72803261	A	-0.0755
rs12766665	C	0.0484
rs2681924	T	0.0638
rs67259209	T	-0.1602
rs61843590	T	0.144
rs7899461	C	0.0612
rs10748733	T	-0.0814
rs12355656	A	-0.1356
rs11199839	C	-0.0388
rs9419601	A	0.1122
rs117753105	C	-0.1941
rs2394638	T	0.2352
rs117937393	T	0.2563
rs72834474	T	0.1712
rs2244878	G	0.0723
rs1240380	T	0.068
rs2488583	T	0.1143
rs117387650	T	0.0993
rs12243176	G	0.0329
rs12249251	G	0.0641
rs2704517	G	0.0346
rs7920248	T	0.0437
rs17747324	C	-0.0412
rs72811826	C	-0.118
rs143365522	G	0.1721
rs7093513	T	0.2222
rs145383036	G	-0.264
rs17316260	G	0.404
rs2184332	G	-0.1335
rs11203134	G	0.0671
rs12358639	T	0.0377

rs140353635	G	-0.2303
rs138689948	A	0.2622
rs34969869	G	0.1506
rs4881109	G	-0.0376
rs72821220	C	-0.0466
rs17106792	T	0.0511
rs79675153	A	0.0627
rs72814612	C	-0.1486
rs12268494	T	0.0433
rs117250243	A	-0.1566
rs4918376	A	-0.0328
rs113723904	G	-0.2322
rs118117788	T	0.2101
rs16917784	G	-0.1011
rs80068640	T	0.1851
rs55739491	T	-0.1874
rs116885931	T	0.1508
rs72777788	A	0.0477
rs74157591	C	0.1993
rs7921320	T	-0.0553
rs11816448	G	0.0938
rs112238940	A	-0.0829
rs142946524	T	-0.1695
rs4897805	T	0.1391
rs2883458	C	0.0643
rs7084095	C	0.0339
rs11195417	A	0.0552
rs2421125	T	0.0358
rs2026431	T	-0.0369
rs76204550	T	0.1229
rs55796935	G	-0.1077
rs11200841	T	-0.0477
rs11245310	A	-0.041
rs117286748	A	0.2891
rs10884204	T	-0.0411
rs79510275	G	-0.1224
rs276229	G	-0.1465
rs10751826	G	0.0366
rs144584371	T	-0.3409
rs17112704	T	0.0732
rs79453376	G	0.1389
rs61875772	C	0.2001
rs4453118	G	0.037
rs76499522	A	0.0806
rs112980676	A	-0.0944
rs1006217	C	-0.0627
rs11238813	A	0.0564

rs4264069	G	0.1138
rs76422770	T	-0.159
rs112908837	A	-0.1005
rs35601120	T	-0.0713
rs74142332	T	0.2523
rs11253119	G	-0.04
rs117731202	A	-0.1002
rs7900423	A	-0.0983
rs141337746	T	0.2531
rs12247273	G	0.0838
rs2440070	C	-0.0435
rs79053840	A	-0.1402
rs2280606	C	-0.0451
rs77168852	T	0.0788
rs3824783	A	0.0419
rs115001130	A	-0.2774
rs76182981	A	0.2227
rs34393826	A	0.0899
rs79954206	A	0.1104
rs137955020	G	0.1083
rs7913531	A	-0.0342
rs141831474	A	-0.0998
rs10795285	A	0.0342
rs117828812	C	0.1812
rs36018023	A	-0.0786
rs10795291	C	0.0539
rs7908415	C	-0.0616
rs7080003	T	-0.0542
rs34342053	G	0.0867
rs11188695	A	0.0432
rs8181379	A	-0.0596
rs140257636	C	0.1861
rs1751271	T	0.0359
rs11817244	A	0.1694
rs111945930	A	-0.103
rs117550886	C	-0.24
rs5030946	A	0.0332
rs6585711	G	-0.0391
rs78899416	T	0.1082
rs11002778	A	-0.0426
rs12243358	C	-0.0351
rs143240490	C	-0.1546
rs142184944	T	-0.1027
rs11197339	A	-0.039
rs12767877	G	-0.1575
rs143878447	A	-0.1929
rs11596867	A	0.0835

rs12761026	A	-0.1031
rs117245697	G	-0.0831
rs2477040	G	0.0937
rs74362496	G	-0.1266
rs118067536	G	-0.1476
rs117876072	T	0.2354
rs61837191	T	0.2299
rs61851257	T	-0.0779
rs11016587	G	-0.0397
rs4098712	G	-0.0384
rs10509409	C	0.0473
rs7475361	A	-0.033
rs12774387	T	0.0798
rs142287711	T	-0.1145
rs12358617	A	-0.0345
rs10795143	A	-0.1171
rs61267025	T	-0.3216
rs115561807	A	-0.1532
rs147315159	G	0.201
rs77821052	G	0.1282
rs145128584	T	0.1953
rs12722560	A	0.1158
rs75161199	T	0.2125
rs1219718	A	0.0535
rs12354695	T	0.0794
rs35556242	T	0.1433
rs1227759	G	0.0593
rs72848187	A	0.0982
rs60149363	T	0.0426
rs6480505	A	-0.1924
rs61870502	T	0.0824
rs80196027	C	-0.0931
rs35977599	A	-0.0656
rs6584759	C	0.0463
rs16918494	C	-0.0848
rs9419619	A	-0.0964
rs72766442	T	0.0806
rs10752010	G	0.0384
rs12571149	T	0.096
rs72840745	C	-0.0628
rs11196597	A	0.0508
rs10787607	T	-0.0392
rs111400653	T	0.164
rs148438237	A	-0.1625
rs17689242	T	0.0398
rs113242977	T	-0.0957
rs2578033	G	-0.0956

rs143178864	T	-0.1694
rs912748	C	0.041
rs76901374	C	-0.1467
rs79419038	G	0.1358
rs11003269	C	-0.0422
rs143036672	C	-0.1134
rs117615434	C	-0.1268
rs276206	G	0.2537
rs11012069	A	0.0558
rs1418738	T	-0.0376
rs7078341	A	0.1575
rs142176365	A	-0.1992
rs4934167	A	0.0323
rs12570261	T	0.0845
rs116919400	T	0.1385
rs4948435	C	-0.0448
rs55682467	G	-0.1503
rs10749493	T	-0.1604
rs10906294	C	-0.0369
rs78908295	C	-0.1326
rs17836440	C	0.0342
rs10997226	T	0.0978
rs3824645	C	-0.0386
rs4282890	C	0.0337
rs4746035	G	-0.071
rs4748987	A	0.0337
rs141974153	T	-0.1663
rs149269720	A	0.1821
rs17116478	T	-0.0503
rs35162716	A	0.0424
rs10829020	T	0.0654
rs79520705	T	-0.1867
rs76898769	A	0.1725
rs7088481	G	-0.0419
rs1250787	G	-0.0578
rs3905635	A	0.0392
rs2170006	A	-0.032
rs113784286	C	0.0967
rs35316649	G	0.193
rs10747057	G	-0.0394
rs72815123	A	-0.1247
rs74162843	G	0.1499
rs78127659	A	0.125
rs10795527	T	0.0339
rs7069673	C	-0.0592
rs7914601	T	-0.141
rs10794060	T	-0.0341

rs11007667	G	0.2244
rs117384413	T	0.0785
rs1871075	G	-0.0402
rs7090169	C	0.0558
rs149478157	T	-0.1779
rs4396189	C	-0.1199
rs3781472	T	0.0341
rs7912484	C	0.0803
rs117607435	T	0.2562
rs7080560	G	-0.0821
rs12253075	A	0.0893
rs2614153	C	0.0337
rs7075298	C	0.039
rs748475	C	0.124
rs117037425	G	-0.1143
rs2495729	C	0.0449
rs7073953	C	0.0339
rs9651334	A	-0.178
rs7900355	C	0.0697
rs2628153	A	0.0322
rs10822101	G	-0.0335
rs9415772	T	0.1007
rs61380105	G	-0.036
rs112655239	T	0.1584
rs77607917	C	0.1289
rs1243422	C	0.063
rs10905028	G	0.0822
rs56168326	A	0.188
rs78020979	G	0.1668
rs2089359	C	0.035
rs144720300	G	0.2054
rs4750989	C	0.04
rs12146299	C	-0.0499
rs11599275	T	0.0355
rs75439630	C	-0.1554
rs11591727	T	0.0661
rs12248610	C	0.0701
rs4243516	A	0.0374
rs77019906	C	-0.1109
rs72784927	A	0.0432
rs67350917	A	-0.0784
rs117817683	T	0.1985
rs150790859	A	0.1272
rs1409757	G	0.0344
rs11257952	C	0.0324
rs16924760	G	0.0397
rs10737085	C	0.2591

rs117946773	C	0.1036
rs150411108	G	0.0651
rs78882068	C	0.0614
rs2489025	T	-0.0321
rs112689760	A	0.0947
rs10999500	C	0.0338
rs11250641	C	0.0347
rs2704520	G	-0.0412
rs34847447	T	0.1399
rs7080184	G	-0.0454
rs1259521	A	0.0348
rs2292200	A	-0.0513
rs74416291	T	-0.0926
rs61850079	A	-0.1087
rs117723843	G	0.1875
rs9971041	C	-0.0512
rs4500395	A	-0.0448
rs118075601	C	-0.1813
rs35972381	C	0.0671
rs10430769	C	0.0743
rs12412032	A	-0.0682
rs11005128	C	-0.1189
rs7903644	C	-0.0376
rs3124182	T	0.0434
rs17613571	T	0.2154
rs11597202	A	0.1659
rs141969268	T	-0.2078
rs16933798	C	0.1891
rs622998	A	0.0345
rs7900290	A	-0.1497
rs12772960	A	-0.0326
rs17141058	G	0.0686
rs17611556	C	-0.0621
rs10762111	T	-0.0354
rs11017418	A	0.1113
rs140293381	G	-0.1373
rs1326843	G	0.0461
rs2152032	C	-0.1141
rs146032388	T	0.2302
rs10795995	C	-0.0345
rs1340951	C	-0.0565
rs631902	A	0.0327
rs9421534	A	-0.0354
rs116569099	T	0.0666
rs117262026	T	-0.2832
rs7096944	C	-0.0449
rs4075924	T	0.0676

rs74849856	T	0.0737
rs78596344	T	-0.1339
rs11257885	T	0.1196
rs1323074	C	-0.0712
rs12357568	A	0.2188
rs141133242	T	-0.1833
rs2221570	C	0.0359
rs3818783	T	0.0363
rs7091873	C	0.0742
rs1867075	G	0.0413
rs12146342	T	0.0682
rs11194649	C	-0.0654
rs4041334	G	0.0508
rs10761715	T	0.1382
rs61867084	G	-0.1494
rs11596819	C	-0.1948
rs2487930	C	-0.0333
rs142888065	A	0.1256
rs2477332	C	-0.0324
rs34974391	T	0.0366
rs1776099	A	-0.0411
rs12245456	T	0.0381
rs78329250	A	0.1018
rs79686892	T	-0.1047
rs3781361	C	0.0318
rs16936361	G	-0.0618
rs117117579	T	0.1005
rs75524400	G	0.0641
rs147331433	A	0.1245
rs113942212	G	-0.1549
rs111987022	T	-0.1322
rs7894297	G	-0.1056
rs61389825	A	-0.1273
rs139100264	C	-0.1706
rs145200155	C	0.1907
rs12777241	G	0.0388
rs139832802	G	0.172
rs11198985	T	0.0842
rs34723774	C	0.1145
rs11013798	G	0.0348
rs79302625	G	-0.1116
rs12412809	G	0.0559
rs1525930	C	-0.0998
rs17790008	G	-0.0472
rs79962870	C	-0.0579
rs1475271	G	-0.033
rs12264388	G	0.0984

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rs34796131	A	-0.0841
rs79455282	T	0.0464
rs78859852	A	0.1584
rs1337322	A	0.0407
rs55879006	A	-0.1693
rs2492643	A	-0.0713
rs11146636	A	-0.1309
rs1535557	G	-0.0427
rs10884227	A	-0.0355
rs7094389	A	-0.0341
rs111655370	T	-0.0897
rs1761601	C	0.0329
rs118162870	G	-0.2376
rs72833533	A	-0.1507
rs7920115	C	0.0364
rs376528	A	-0.0701
rs80168665	G	-0.2627
rs7084465	A	-0.0772
rs117177806	A	0.1659
rs3827866	C	0.035
rs11814429	T	-0.0342
rs34018472	A	0.0971
rs113901641	G	0.1298
rs61861103	A	0.0805
rs17463021	T	-0.0381
rs10905478	A	0.0359
rs12258847	C	0.149
rs144586282	C	-0.1516
rs117458422	A	0.2773
rs79693284	T	0.1633
rs112763080	T	-0.0484
rs72778842	T	0.1203
rs1041158	A	0.0576
rs11251966	G	0.06
rs111545754	G	0.1514
rs2919291	T	0.1153
rs703256	C	0.0343
rs4748222	T	-0.063
rs79802990	C	-0.1322
rs7088868	G	-0.0388
rs12778878	G	-0.0687
rs4880336	A	-0.0377
rs10824803	G	0.032
rs139339220	A	0.0929
rs7072329	T	0.0474
rs117838583	T	0.1654

rs112364560	G	-0.0858
rs11013284	A	-0.0462
rs7091501	C	-0.1555
rs7898026	C	-0.0325
rs151213707	A	-0.1137
rs7916810	G	0.0455
rs1897360	T	0.121
rs118122154	G	-0.0624
rs12217962	T	-0.0551
rs10999884	C	-0.0893
rs150196029	T	0.1528
rs113847670	T	0.0924
rs117068660	G	0.1826
rs741763	C	-0.0325
rs2636800	A	0.0535
rs72768940	G	0.0981
rs116953193	T	0.1136
rs2892352	A	0.0347
rs12354975	T	0.0841
rs113402359	A	-0.0877
rs72784665	T	-0.0624
rs11598961	G	0.0649
rs11016131	A	0.0728
rs77097191	A	-0.1584
rs7090922	A	0.0664
rs17467664	T	0.1956
rs117159474	C	-0.1796
rs34167318	G	0.2273
rs2749608	A	0.0318
rs10082468	A	0.201
rs2000200	A	0.0317
rs771874	T	-0.067
rs117651213	G	-0.2504
rs10829985	T	0.0346
rs117092325	A	-0.0924
rs72816440	C	0.046
rs61872695	G	-0.0464
rs35072162	T	0.2039
rs12415732	C	-0.0367
rs7923861	T	0.0449
rs12261323	G	-0.0571
rs149640658	G	0.1459
rs12765156	A	0.0578
rs6602628	A	0.061
rs7092524	A	0.0324
rs111783512	T	0.0658
rs61858635	T	0.1128

rs117631535	C	-0.1221
rs45516103	A	0.1458
rs1016267	T	0.1487
rs138344155	G	-0.1339
rs7100317	C	0.0337
rs150644219	A	-0.0897
rs4935078	G	0.0358
rs2497794	T	0.0845
rs76443714	A	0.1897
rs1984629	C	0.0315
rs9418561	A	-0.1565
rs79364033	G	-0.1067
rs11599323	T	-0.0827
rs10740351	C	0.0378
rs61873667	G	-0.1685
rs77114540	A	0.1024
rs147716504	A	-0.1921
rs12779201	C	-0.0334
rs118104785	C	0.1397
rs12356688	G	-0.2242
rs72809138	A	-0.0837
rs11252826	A	-0.0401
rs11001184	T	0.1247
rs76316860	C	-0.0688
rs12268071	C	-0.1366
rs75905387	A	-0.0751
rs10786364	A	0.0334
rs11252820	G	0.0641
rs78425398	G	0.106
rs117067717	G	-0.1337
rs12770832	T	0.0527
rs74970566	A	-0.1299
rs74115776	A	0.1934
rs16927931	A	-0.08
rs10829477	T	0.0403
rs17127375	A	0.0539
rs2587475	C	0.0334
rs61870795	A	0.1134
rs17120920	G	0.2098
rs55780146	A	0.1943
rs145221984	T	0.247
rs787038	A	-0.0895
rs7904081	T	-0.034
rs112297917	T	0.0683
rs716183	C	0.0324
rs12241163	A	0.079
rs10787476	C	0.0701

rs137961056	A	-0.1576
rs9414950	C	0.0602
rs78909007	G	-0.1651
rs332135	G	0.0424
rs11191459	A	-0.0341
rs117441126	G	-0.1562
rs11596458	A	0.1434
rs12412308	T	0.082
rs77609995	G	0.1342
rs11186419	A	0.0871
rs2071498	T	-0.0339
rs117162006	G	0.2108
rs61852624	A	-0.1122
rs78842654	A	-0.0735
rs10509482	T	0.1026
rs12241039	A	0.0677
rs7076670	C	-0.0372
rs80322431	G	0.0725
rs7910566	G	0.1136
rs10887927	C	-0.0513
rs10510024	C	-0.0319
rs2066315	C	0.0995
rs74320338	A	0.1192
rs10794137	G	-0.032
rs1886410	C	-0.0387
rs41258305	C	-0.0739
rs7087467	T	-0.0393
rs11016208	G	0.0952
rs151070970	T	0.2849
rs7075356	T	0.0348
rs4746649	C	0.0333
rs11258537	A	0.0867
rs117561298	T	-0.0793
rs7095435	A	0.1028
rs12773197	T	-0.0716
rs11197744	G	-0.1028
rs11201024	C	-0.0444
rs118033231	C	-0.1402
rs11253940	T	0.0515
rs117354225	T	0.1767
rs88722	C	0.0368
rs7087685	A	-0.037
rs750635	A	0.0537
rs12218862	C	-0.0741
rs11007343	T	-0.1344
rs2254607	G	-0.1017
rs141061131	A	0.2474

rs72844501	C	0.0755
rs1274358	A	0.0393
rs35420438	T	-0.0426
rs116983255	A	-0.1456
rs4880684	C	0.0426
rs12355059	T	-0.0515
rs72819008	T	0.1806
rs58389879	T	-0.0336
rs4752030	G	-0.1842
rs11201989	C	-0.032
rs78380528	A	0.087
rs61850816	T	-0.1472
rs11002177	C	0.1328
rs10994431	G	0.041
rs1933288	T	0.1252
rs77201695	G	0.1283
rs11592995	A	0.1927
rs72641321	C	0.0439
rs141512850	A	-0.1724
rs6601982	A	-0.0451
rs76882187	T	0.1895
rs145103989	T	0.1694
rs11817141	C	-0.0614
rs118064184	T	0.1316
rs34774469	A	-0.0406
rs11003158	C	0.0349
rs1652728	C	0.0321
rs2999233	A	-0.0321
rs117912228	A	0.1188
rs72793138	A	-0.0923
rs111387928	T	-0.0425
rs11259405	T	0.035
rs10994973	C	0.0659
rs596866	G	0.0384
rs61863387	C	-0.045
rs7910092	T	0.0318
rs74615199	C	0.2192
rs11239612	G	0.1183
rs11816958	T	0.0366
rs787674	T	0.032
rs4545465	T	0.0389
rs55869633	T	0.2295
rs11254929	C	0.0453
rs117664139	T	0.1635
rs11199060	T	-0.0353
rs55968816	G	-0.0571
rs10508502	T	0.032

rs10785953	C	0.0383
rs10751569	T	-0.0318
rs7074298	C	-0.132
rs7900957	T	0.0308
rs139491881	A	0.1735
rs75973395	G	0.2672
rs117698899	A	0.1247
rs117062321	A	-0.1558
rs2251077	G	0.0356
rs1655089	C	-0.0325
rs56248031	G	0.0733
rs78435400	C	0.1535
rs11188354	T	0.0478
rs114710606	A	0.1789
rs75304361	T	-0.1015
rs10508707	T	0.0838
rs35867728	T	-0.0778
rs10745288	G	0.0318
rs118172155	A	0.1131
rs72800387	T	-0.0434
rs117199015	C	0.1912
rs77988705	A	-0.1526
rs9419585	C	0.0362
rs985477	G	-0.0354
rs12778972	T	0.0425
rs7084245	T	0.0864
rs10905916	G	-0.052
rs35674927	T	0.0809
rs118180554	G	-0.1675
rs73253648	A	0.1519
rs57766438	T	0.0341
rs112783614	C	0.052
rs146989859	C	-0.146
rs2260259	A	0.0367
rs2377595	G	-0.0316
rs7091327	A	0.1247
rs76926441	T	0.175
rs9787512	T	-0.1139
rs17297893	C	0.0793
rs7082016	T	0.0428
rs4747008	G	-0.0374
rs11597244	A	0.0481
rs1902724	G	0.0346
rs1554225	C	0.0321
rs4881015	T	-0.1224
rs147687428	G	-0.0958
rs1936621	G	-0.0318

rs7084919	T	0.0411
rs3740121	A	-0.0322
rs584702	G	-0.043
rs80004378	C	-0.1484
rs118126649	C	0.1121
rs72853606	A	0.0659
rs11244824	T	0.075
rs113167006	A	-0.2356
rs4607990	T	-0.0675
rs71493317	T	0.2568
rs12355785	T	0.2013
rs10509276	T	0.0553
rs117206693	A	0.1444
rs75816974	A	-0.1026
rs61864721	G	-0.0869
rs11592365	A	-0.0954
rs11187793	A	-0.0327
rs9419916	G	-0.0393
rs4746741	C	0.1524
rs12414229	T	0.0667
rs75294120	T	0.0695
rs10904211	A	-0.068
rs7893754	G	-0.0333
rs10824192	A	0.0465
rs1904597	G	0.0314
rs11197494	C	0.0634
rs61862934	T	0.107
rs57261818	A	0.0754
rs72818653	C	0.0846
rs7921160	C	0.0423
rs74807419	G	0.1771
rs4748235	G	-0.0344
rs79415956	A	0.1947
rs74148555	T	-0.1875
rs592414	A	-0.0354
rs17334005	C	-0.2113
rs112797472	G	0.1083
rs7070568	C	0.0346
rs2275718	T	0.1236
rs1450774	A	0.0314
rs2182409	T	0.0355
rs138548052	A	-0.1571
rs4750086	C	-0.0419
rs77590175	C	0.0921
rs117872210	T	0.2197
rs7906019	C	-0.038
rs138988173	A	-0.1893

rs17448411	T	0.0393
rs78683870	G	0.195
rs61833743	T	-0.1045
rs2620924	G	0.031
rs11257083	T	0.0605
rs61831959	T	0.0709
rs76761570	G	0.1792
rs12779237	T	0.162
rs66859631	C	0.0688
rs12415721	T	-0.0354
rs11189339	A	0.1476
rs11146607	A	-0.0635
rs4520506	C	0.038
rs17702348	C	0.0304
rs74578106	T	-0.127
rs12267732	G	0.0724
rs113080497	T	-0.1892
rs7913619	G	0.0532
rs7920806	T	-0.0327
rs12762466	G	-0.0354
rs117598197	A	0.1172
rs3740537	A	-0.0626
rs16914424	C	-0.1724
rs4880365	A	0.1026
rs73374120	A	0.0699
rs117458524	A	0.1662
rs72784485	C	-0.0704
rs139833811	C	0.184
rs117505423	T	0.1363
rs36212407	T	0.0654
rs4751550	T	-0.0319
rs139232182	G	0.141
rs117912669	A	-0.0922
rs1238449	T	-0.031
rs1560798	G	0.0414
rs56082096	A	0.0745
rs4934164	C	-0.0478
rs3124737	G	0.0308
rs61842356	T	-0.1252
rs7096105	A	-0.1473
rs1278387	G	0.0333
rs117362991	T	-0.0943
rs11016132	G	-0.0869
rs75269387	G	0.2499
rs12778692	T	0.0816
rs28417886	G	0.0412
rs61851382	A	-0.1233

rs11592666	G	0.1306
rs6537536	A	0.0527
rs74465643	T	0.1239
rs114370379	C	0.1305
rs11257321	A	-0.0382
rs117031020	T	0.1406
rs11007809	T	-0.0596
rs747715	T	-0.0621
rs2505735	A	-0.0411
rs60766650	T	-0.0711
rs2039978	G	-0.0586
rs2366881	T	0.0518
rs61836103	A	0.0643
rs7080598	T	-0.0417
rs6597740	T	0.0333
rs1029024	G	-0.0358
rs77737832	G	0.1428
rs34152780	G	-0.1452
rs4752238	T	-0.0397
rs2421027	G	0.0457
rs2675661	G	-0.0955
rs2992034	C	-0.0562
rs11254661	G	-0.1529
rs1917193	T	-0.0569
rs56158501	T	-0.0519
rs74146685	G	-0.0622
rs72839868	T	0.0992
rs140818442	C	0.1754
rs79777002	T	-0.1162
rs11592243	C	-0.0357
rs117130460	A	-0.1756
rs72792469	T	0.1639
rs77916121	T	0.1532
rs138553235	T	-0.2064
rs76461894	G	-0.1077
rs1171828	C	0.0313
rs150515675	T	0.1051
rs791589	G	-0.0444
rs138948609	A	0.1825
rs17145525	T	-0.0344
rs111995375	A	-0.1088
rs10430757	T	0.0308
rs7913079	A	0.0468
rs7081430	A	-0.0487
rs72785451	A	0.109
rs150495491	G	0.1571
rs11002811	A	-0.0443

rs78598696	T	0.0548
rs77023896	C	0.1615
rs34125811	C	0.0982
rs76347187	T	0.1336
rs8177628	T	-0.05
rs12249900	C	-0.0437
rs75234855	T	-0.1593
rs17607469	A	-0.1617
rs61874665	A	0.1109
rs145977660	T	0.17
rs1891621	G	0.0307
rs363222	C	-0.0417
rs1567705	C	-0.0538
rs3050508	A	0.0343
rs10748732	C	0.0526
rs117519922	A	-0.0678
rs113633428	G	0.0871
rs11007060	A	-0.0397
rs117622776	G	0.1133
rs61857061	A	0.0403
rs147786074	C	-0.1231
rs75503696	A	-0.1819
rs1345386	G	-0.0325
rs61864252	G	0.2431
rs11251720	C	-0.0444
rs10829485	G	-0.0359
rs143985229	G	-0.1494
rs117932856	A	0.1274
rs11259062	T	-0.0325
rs1926225	T	0.0308
rs10765127	G	0.0491
rs12779809	T	0.0593
rs150408578	C	-0.2185
rs77897526	T	-0.1469
rs75985593	G	-0.1441
rs150521221	G	0.1967
rs116999241	G	0.1596
rs74138066	C	0.0928
rs61835731	A	-0.0867
rs10829447	G	0.0455
rs7084722	G	0.0312
rs28540341	G	-0.2477
rs5030915	G	0.1651
rs11000970	C	0.0965
rs112341287	G	0.0948
rs11003740	A	0.0359
rs17494179	T	0.033

rs78068995	G	0.1561
rs117652614	A	-0.1191
rs9794109	A	-0.0391
rs8190704	C	-0.1186
rs17120068	A	-0.0365
rs78036941	C	0.1679
rs72768105	C	0.2488
rs4962584	T	-0.032
rs7904103	T	-0.0438
rs11593142	T	-0.0587
rs41311235	C	0.1512
rs142718068	T	0.1716
rs11017151	T	0.1566
rs113913657	G	-0.1616
rs116869334	C	0.1573
rs78315011	C	0.1432
rs117137421	T	-0.1666
rs497211	T	-0.0441
rs7899396	G	0.0344
rs118192041	T	-0.1816
rs3750764	A	-0.0531
rs12415095	G	-0.0413
rs115976767	G	0.2418
rs72805519	T	-0.1019
rs17112469	C	0.0713
rs10822236	C	-0.0696
rs79387392	G	0.1016
rs61852527	G	0.1046
rs75517334	A	-0.0699
rs74113193	C	-0.1858
rs117533027	C	-0.1599
rs112423130	C	-0.0888
rs71475659	A	-0.1043
rs1698413	A	-0.0626
rs2253901	C	0.0331
rs12220320	G	-0.0512
rs60821795	C	-0.0876
rs77138746	C	0.0806
rs72800977	T	0.1371
rs11599062	A	-0.0458
rs117206115	G	0.096
rs77039962	T	0.2254
rs11005132	A	0.0395
rs7908481	G	-0.0319
rs76795338	T	0.1862
rs75078296	T	-0.1878
rs117217814	C	0.117

rs141312850	A	0.2116
rs113709161	T	0.109
rs11596749	G	0.2036
rs7078148	G	0.05
rs160824	A	0.0303
rs10829015	A	0.0305
rs80083265	C	0.0915
rs11597795	A	-0.141
rs3753127	A	0.1104
rs59727166	A	-0.0469
rs12356950	T	0.0582
rs77783563	A	-0.1307
rs2279418	G	-0.0855
rs7905244	C	0.041
rs76663279	C	0.0618
rs17785928	T	-0.1656
rs72776586	C	0.0912
rs72842541	A	0.239
rs6584879	G	-0.0448
rs2247461	T	0.0313
rs112465957	C	0.2349
rs1341626	T	0.034
rs79969816	T	-0.1387
rs7909279	G	-0.033
rs113729525	C	-0.0446
rs11598327	C	0.0681
rs17322177	A	0.0795
rs6583720	A	0.1314
rs77244383	A	0.0688
rs117960297	T	0.1732
rs7090376	G	-0.0432
rs78395463	G	-0.0534
rs17314229	T	0.0724
rs116854281	T	0.241
rs4752059	A	-0.0841
rs10829237	C	0.0531
rs7921730	G	0.0467
rs7085874	C	0.0397
rs118086326	T	0.0969
rs7918373	A	-0.0521
rs2646437	A	-0.0299
rs117734414	C	0.1815
rs144109497	C	-0.1393
rs2902273	A	-0.1543
rs117949144	G	0.1237
rs11592443	A	-0.0582
rs34939744	G	0.1254

rs11259130	G	-0.0678
rs112332725	G	0.0827
rs4917517	C	0.0916
rs11251670	A	-0.1105
rs35629732	C	0.0339
rs79594988	G	-0.197
rs685861	G	0.038
rs1038171	C	0.237
rs1391511	A	0.0305
rs10822097	C	0.0354
rs117294463	G	-0.1322
rs2575985	C	0.0402
rs143880951	C	-0.145
rs118085085	G	0.1733
rs2704467	A	0.0329
rs6585364	G	0.0361
rs10885414	G	-0.0366
rs75792257	A	-0.1542
rs149414436	A	-0.1696
rs11812276	G	0.0338
rs77723728	A	0.2218
rs117111496	A	0.1893
rs34779782	C	-0.0671
rs12783409	C	0.0881
rs61861011	A	0.0491
rs117225806	A	0.2488
rs11239758	C	-0.2058
rs7074979	C	0.0386
rs7901000	T	0.0838
rs7097091	C	0.0526
rs4391756	G	-0.0663
rs1810393	C	0.0787
rs76261162	T	-0.0512
rs12413272	C	0.1442
rs6482400	C	-0.0731
rs34365829	A	-0.1319
rs76321214	C	0.1187
rs11015807	A	0.2138
rs11018122	G	0.0552
rs117297278	C	0.0949
rs11186255	G	0.0373
rs118011494	C	0.2304
rs73297769	G	0.1539
rs77693289	A	-0.0653
rs211294	G	-0.0497
rs80101384	C	0.1708
rs7072155	A	-0.0379

rs78834149	A	0.2584
rs12248369	G	-0.0594
rs146595969	T	0.1894
rs1147961	T	-0.0388
rs11813505	A	0.0302
rs76010911	G	0.1
rs61869333	G	-0.1564
rs72832193	C	0.0742
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rs5030931	A	0.0394
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rs59193147	T	0.1622
rs139387724	C	-0.1943
rs10999888	T	-0.0406
rs143783832	T	-0.103
rs7088943	A	0.1023
rs146070841	T	0.1
rs79709835	T	0.1685
rs117864859	T	-0.0443
rs79857457	T	0.1256
rs143673588	G	0.1401
rs11188957	T	-0.049
rs1869231	A	-0.0511
rs1703647	A	-0.0387
rs117096248	G	-0.1822
rs113212038	C	-0.0982
rs80143892	A	0.194
rs2176138	G	-0.0324
rs79681417	A	0.1398
rs10508286	A	0.0373
rs7895842	C	0.0314
rs141852280	T	-0.2159
rs79496047	A	-0.1029
rs10788091	T	0.1463
rs12772394	A	0.1062
rs139792688	C	-0.1223
rs12572450	T	0.1477
rs73314270	C	0.0819
rs11595324	C	-0.0806
rs7076299	G	0.077
rs112162558	C	0.1513
rs113497810	G	0.0788
rs139202257	T	0.0824
rs7899971	T	-0.0321
rs61850788	G	-0.0754
rs67787060	T	-0.0349
rs116990128	G	0.2514

rs1340244	T	0.1096
rs10829475	C	-0.0479
rs117352223	A	-0.1932
rs10999728	A	0.0386
rs75769061	G	-0.1482
rs11101799	T	0.07
rs4472839	C	0.0345
rs113958164	T	0.2075
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rs139726415	A	0.143
rs11258662	C	0.1017
rs444386	G	0.0331
rs11239301	A	-0.044
rs4749503	T	0.0308
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rs17121023	T	0.0919
rs34208853	A	-0.2115
rs36098636	A	-0.0676
rs138181950	C	0.1299
rs1028629	A	0.0419
rs117769262	T	0.173
rs17700082	C	-0.0899
rs7920420	A	-0.0324
rs34785488	T	0.1511
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rs73374274	A	0.0591
rs4752713	A	-0.0849
rs16935342	G	0.1267
rs80216393	G	0.1109
rs7086626	T	-0.0301
rs2242422	T	0.1531
rs12263533	G	-0.1994
rs12252542	G	0.1555
rs34281994	G	-0.1069
rs116914541	G	0.1591
rs61856713	C	-0.0507
rs2090746	T	-0.031
rs113463922	A	0.223
rs2577335	G	-0.0323
rs12220020	G	-0.068
rs3118956	G	0.0432
rs74120126	T	-0.0949
rs117025236	A	0.1479
rs4751144	T	0.0327
rs12269364	A	-0.1248
rs11597931	G	-0.0414
rs12249390	T	0.0462

rs11819271	T	0.1503
rs56365377	A	0.1569
rs116866633	A	0.1993
rs77251260	T	0.2112
rs72809344	C	0.096
rs72809598	A	0.0969
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rs139236357	A	-0.1622
rs16911752	C	0.13
rs7919294	A	-0.0585
rs11597322	T	0.0302
rs11251429	T	-0.0351
rs11252661	T	0.0907
rs11597354	C	0.2178
rs2516617	C	0.0373
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rs61857815	T	0.1188
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rs71475473	A	-0.1493
rs61863685	G	0.1467
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rs72806301	A	0.0921
rs1892114	T	-0.0302
rs10736309	T	-0.131
rs2490283	G	0.0908
rs4255473	C	0.0334
rs12572201	A	0.0589
rs117636561	A	0.1715
rs76289004	G	0.138
rs10740463	T	0.0413
rs11596464	T	0.0908
rs118179551	A	-0.2243
rs11101417	A	-0.0424
rs61842853	A	-0.0521
rs11017809	A	-0.0378
rs16917646	T	-0.0827
rs11004638	A	0.0988
rs11198200	T	0.0446
rs4747843	A	0.0408
rs56397109	T	0.1253
rs7910895	T	0.1864
rs12773084	A	0.071
rs111545789	A	0.135
rs145087672	A	0.1411
rs11195957	T	-0.0611

rs149383914	A	0.1661
rs10905314	C	0.0301
rs1715868	G	0.0466
rs118101227	T	-0.1312
rs6480217	A	0.064
rs77410127	T	-0.0837
rs139542040	C	0.1152
rs72811531	T	-0.1359
rs112802157	T	0.041
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rs34308691	C	0.084
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rs72765346	A	0.0882
rs78607408	C	0.1072
rs11004315	T	-0.045
rs149674827	T	-0.1357
rs78597793	T	-0.1816
rs113276452	G	-0.1453
rs143044156	T	0.2341
rs11257421	G	0.0504
rs58310420	G	-0.0397
rs655318	T	-0.0484
rs17412609	T	0.0357
rs2252564	G	0.0434
rs78997301	G	0.1575
rs7902011	G	-0.0312
rs7909111	A	-0.0643
rs2646425	T	0.0324
rs112068046	A	0.1966
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rs821950	T	-0.1011
rs4750020	G	-0.034
rs6480553	A	0.0475
rs150364194	G	0.0979
rs7897562	G	0.0316
rs61871615	T	0.1455
rs1554224	G	0.0352
rs72841355	T	0.075
rs117715839	C	0.2716
rs138454810	A	0.1663
rs75791853	C	-0.1545
rs144252372	T	0.1103

rs12266644	T	0.076
rs12766168	C	0.0343
rs1937409	G	-0.0304
rs148022488	A	0.0776
rs2454826	T	0.0499
rs10823365	C	-0.0304
rs79580039	T	0.1107
rs138204332	A	0.0624
rs6584163	C	0.0395
rs11002022	T	0.0968
rs79907989	A	0.1689
rs1815718	G	0.0333
rs9423472	A	0.0339
rs7071171	G	0.0455
rs117619001	A	-0.1658
rs74849502	C	0.0421
rs10826926	G	0.1484
rs10997065	A	0.046
rs117942522	A	-0.1242
rs140327229	G	0.1299
rs114644689	T	0.101
rs72771462	G	-0.0812
rs11594422	A	-0.1822
rs10741208	A	-0.03
rs10508847	A	-0.0345
rs77224022	A	-0.0565
rs12266442	A	-0.116
rs113209609	G	-0.2169
rs236212	C	0.035
rs72814031	T	0.0421
rs112418262	A	-0.1378
rs72810761	G	0.0996
rs61874140	G	0.1468
rs113262183	T	-0.2401
rs117275391	A	-0.2254
rs117377494	C	-0.1097
rs75444568	C	0.0816
rs79897621	G	0.1695
rs6597879	T	0.0472
rs61840996	T	0.1479
rs3793695	T	-0.0342
rs61866017	T	-0.0545
rs60829940	A	0.0402
rs74545603	G	-0.1335
rs10994222	G	0.064
rs117678654	A	0.1081
rs147477337	T	0.1256

rs10794768	T	-0.0353
rs11257138	C	0.0966
rs118044349	A	0.1311
rs3750901	C	-0.0365
rs78130427	G	-0.0832
rs2814329	T	0.0313
rs75852046	A	-0.1201
rs56221558	T	-0.1036
rs112721172	A	-0.2445
rs17221561	C	0.0507
rs79909788	A	0.0821
rs12766562	T	-0.0321
rs71475820	T	0.0848
rs1935645	T	0.1057
rs7896684	G	0.0459
rs111426634	A	0.1385
rs75741671	A	0.131
rs6479692	T	0.0296
rs150960896	A	-0.2131
rs2352099	C	-0.031
rs117878482	C	0.1982
rs2871741	A	0.0297
rs1574114	T	0.0302
rs72812991	G	0.1492
rs112344552	C	0.1497
rs7899415	A	-0.1981
rs117481947	A	-0.2265
rs6601761	A	-0.0377
rs112152801	C	-0.1404
rs4595466	A	-0.0298
rs1781451	G	-0.0587
rs79635948	A	-0.0572
rs2994647	A	-0.0294
rs16923187	A	0.1828
rs12220165	G	0.0711
rs10510096	C	-0.1395
rs150868523	C	-0.0558
rs7079701	C	0.0302
rs7082237	T	0.0468
rs35505416	G	-0.1383
rs117285939	C	-0.127
rs142170794	G	0.2224
rs7912273	T	0.0404
rs2476968	A	0.0367
rs11012506	C	-0.0877
rs17651712	A	0.0509
rs117064738	A	0.1214

rs147164502	G	0.1727
rs115787620	G	0.0894
rs12777448	G	-0.0396
rs77620771	A	0.1143
rs1227267	A	-0.0353
rs78157043	A	-0.068
rs12358749	G	0.0296
rs113031372	A	-0.1348
rs75674894	G	0.1309
rs1972374	T	0.0423
rs143048694	T	0.0673
rs17415646	C	0.0374
rs144969624	C	0.1979
rs4746385	A	-0.0852
rs61867303	A	0.1349
rs72772086	T	0.2236
rs79747691	T	0.0691
rs11254714	T	-0.1225
rs111342606	A	0.1039
rs56052512	C	0.0807
rs138097828	A	0.0758
rs2152009	A	-0.0343
rs10826992	A	0.0527
rs3218239	G	0.142
rs76007938	C	-0.0675
rs7904536	C	-0.0303
rs12776070	T	0.0941
rs12245981	T	0.1238
rs117088611	G	-0.1327
rs6482373	C	-0.0725
rs74550188	A	-0.1194
rs792229	C	-0.0363
rs72824926	G	-0.035
rs55738160	G	-0.086
rs772067	A	0.0381
rs6602705	T	0.0305
rs79472981	T	-0.0644
rs2505897	A	0.031
rs34679544	A	-0.1115
rs12252669	T	-0.1111
rs116843526	A	0.1127
rs12767186	A	-0.0359
rs7895445	A	0.0558
rs4748636	A	0.1437
rs74555744	T	-0.2072
rs12354825	T	0.1564
rs112029	T	0.0365

rs10788476	G	-0.0295
rs75345420	C	-0.0745
rs61869209	T	-0.0569
rs34759112	C	-0.0961
rs59733240	A	-0.1384
rs2944512	A	0.1428
rs79076299	T	-0.0518
rs4918781	T	0.0327
rs7076785	G	-0.0743
rs10902797	T	0.0295
rs76616641	T	-0.1324
rs3006724	A	0.1158
rs12573113	A	0.0835
rs10829316	G	0.0591
rs860626	G	0.0349
rs79504766	G	0.103
rs111398617	G	-0.2207
rs11599841	T	-0.12
rs999551	T	0.0293
rs11254515	T	0.1893
rs72781358	A	0.0723
rs1571026	G	-0.0428
rs11001067	C	-0.1832
rs76146537	T	-0.2365
rs1359363	T	0.0313
rs12265088	T	-0.2014
rs72814045	C	-0.0599
rs61854741	A	-0.0899
rs3011631	G	-0.0724
rs7086244	G	-0.036
rs2184169	G	0.035
rs61865201	C	-0.1151
rs3763763	A	-0.0342
rs12221160	G	-0.0356
rs57605156	T	0.1763
rs3897993	C	-0.041
rs117363783	G	-0.1312
rs293295	G	0.0316
rs34994226	C	0.036
rs45479994	T	0.1602
rs117297489	A	-0.2409
rs12257319	A	0.042
rs117007417	T	0.1241
rs80279699	C	-0.1032
rs1907740	G	-0.0295
rs75898963	A	-0.1652
rs12768991	T	-0.1906

rs157994	G	-0.0428
rs146692078	A	0.2379
rs10733993	T	0.0341
rs76443646	T	-0.149
rs61876596	A	-0.0822
rs2280618	A	-0.0456
rs59495064	A	0.0786
rs4633344	T	0.0324
rs4072195	T	-0.0344
rs6601979	T	-0.0683
rs61849167	C	0.0751
rs113416614	T	0.053
rs117512390	T	0.1201
rs16929843	A	-0.0812
rs2688887	T	-0.0288
rs75260166	C	0.1317
rs35338693	T	0.0969
rs59666636	G	0.1407
rs7075383	C	0.0358
rs148524243	A	-0.157
rs79027600	T	0.1782
rs7078266	G	0.053
rs4919366	C	0.0348
rs2245294	A	-0.032
rs76082055	A	-0.1201
rs11101296	G	-0.1192
rs12242535	T	-0.0484
rs6602404	A	-0.0361
rs6601744	A	-0.0323
rs17490626	C	0.043
rs7919682	T	0.0294
rs671530	A	0.0338
rs7089331	A	0.0642
rs72786478	C	0.1034
rs1695522	T	0.0602
rs75243114	C	-0.0607
rs79308431	C	-0.1
rs4277060	A	0.0448
rs12251272	G	0.0497
rs75293822	T	-0.1055
rs7072870	A	-0.0551
rs5007655	G	-0.0448
rs9804190	T	-0.0352
rs11001773	T	-0.1316
rs149397985	G	0.1999
rs3998448	T	0.0306
rs4317889	C	0.0843

rs7477689	G	0.0478
rs148023559	A	0.1452
rs2429021	C	-0.0488
rs3006963	G	-0.0538
rs12255305	A	0.073
rs7068266	G	0.0554
rs61831292	T	-0.0672
rs9651378	T	0.0382
rs55749162	A	-0.1425
rs141747076	G	0.208
rs10829654	A	0.0445
rs141904401	G	0.1903
rs10998922	A	-0.0371
rs72831370	T	-0.1254
rs11239295	A	0.0619
rs17391799	T	0.0445
rs10829532	G	-0.0389
rs78514908	T	0.0808
rs4457708	T	-0.0358
rs10795753	A	0.1528
rs16932709	A	0.1131
rs118141156	G	0.1801
rs942410	T	0.2116
rs75413292	A	-0.0926
rs144690843	T	0.102
rs78261328	G	0.0769
rs35198501	T	0.0995
rs61872836	T	-0.0295
rs12358849	C	0.0888
rs11812558	C	-0.066
rs10826308	G	0.0343
rs11007822	A	0.0289
rs72845134	G	0.0722
rs11817632	A	0.1305
rs41282858	T	-0.1253
rs144601736	A	-0.1483
rs116865715	A	-0.1078
rs7906084	T	0.0295
rs78419329	A	0.0883
rs112172947	G	0.21
rs78350705	G	0.0923
rs150736114	A	0.1072
rs142515313	A	0.1156
rs11592681	G	0.0703
rs11200369	T	-0.0312
rs111287017	C	0.1695
rs11254854	T	-0.0355

rs118119660	T	-0.1078
rs10764214	A	-0.0325
rs7079953	A	0.0289
rs11188604	G	0.031
rs6482131	T	0.0865
rs4370821	A	-0.0415
rs10444136	G	0.0289
rs17330824	C	0.0442
rs1931713	A	0.0341
rs7908237	G	-0.0296
rs12252633	G	-0.0661
rs55676295	A	-0.0693
rs7091756	T	0.1064
rs78937374	G	0.0777
rs10906211	G	0.1514
rs2817649	C	0.0478
rs117603284	A	-0.1165
rs12412796	T	0.0304
rs76883427	C	-0.1134
rs140472570	A	0.1197
rs2819213	C	-0.0814
rs117222919	C	0.1243
rs11202700	G	-0.0479
rs7914881	C	-0.0303
rs12358036	A	0.1765
rs140003691	T	0.1337
rs140501686	T	0.1199
rs78905792	T	0.0419
rs17238769	A	-0.0658
rs1318853	C	0.0324
rs117568395	T	-0.1417
rs118089656	A	0.1955
rs117345836	G	0.0968
rs80290838	A	0.1665
rs34833894	A	0.1067
rs78778312	T	0.1759
rs77072151	G	-0.1178
rs1782647	G	-0.0537
rs116888772	T	0.2169
rs11813654	C	0.0742
rs148399083	G	-0.1274
rs11596275	G	0.0573
rs1341677	C	-0.045
rs79699129	C	-0.1914
rs2148188	A	0.0277
rs1541009	A	0.0464
rs4962360	T	-0.0323

rs11813523	G	-0.1562
rs17108375	G	-0.0493
rs2657530	A	-0.0394
rs7091012	A	0.0284
rs77999677	C	0.0568
rs11812951	A	0.1492
rs12767504	G	-0.0371
rs1947758	C	-0.038
rs12770570	C	0.0898
rs946328	T	-0.0347
rs117995870	G	-0.2204
rs112640176	T	0.2036
rs12766194	G	-0.0303
rs149090465	A	-0.1081
rs71472878	G	-0.1617
rs34307685	T	0.0674
rs2794427	G	0.0551
rs7908389	T	-0.0281
rs1889066	A	-0.0486
rs7077862	C	-0.1273
rs12412797	A	0.0613
rs35729454	A	0.086
rs12416659	T	0.1523
rs77295559	T	0.0704
rs3927917	C	0.0351
rs11511191	T	-0.1693
rs4409767	C	-0.0287
rs11253529	A	0.1714
rs56126131	A	-0.038
rs35028747	T	-0.0339
rs1317833	G	0.0296
rs17125154	A	-0.2162
rs7923647	C	0.0448
rs12572639	G	-0.0629
rs11195188	A	0.035
rs72837795	G	0.0647
rs35483028	A	0.0483
rs17465422	A	-0.0966
rs71481947	G	0.2191
rs6599666	G	0.0279
rs1317462	T	0.0302
rs17097692	G	0.0426
rs140249230	A	-0.1806
rs76513663	A	-0.0643
rs943448	G	-0.1109
rs10740060	A	0.0295
rs2217726	A	0.0283

rs77352654	C	-0.0674
rs7478269	C	0.0866
rs7075831	T	-0.0565
rs112114475	A	0.0878
rs9424075	T	0.058
rs118164457	C	0.0871
rs17154110	C	-0.0326
rs72859872	T	0.0797
rs1150041	A	0.0976
rs2495707	G	-0.0332
rs148471253	T	0.1471
rs141706337	T	-0.0964
rs10751898	T	-0.0288
rs7904875	G	0.0578
rs12246442	T	0.0706
rs10741267	C	-0.0354
rs7099165	T	-0.1008
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rs1655155	C	-0.0297
rs1228652	T	-0.0444
rs28406566	A	0.0484
rs11592545	A	-0.0405
rs881406	A	-0.0395
rs9421142	A	0.0329
rs117066403	T	-0.1671
rs116900756	C	0.1675
rs4747107	C	0.0318
rs149774571	C	-0.2364
rs116932201	A	0.1042
rs77445167	A	0.1712
rs143817554	C	0.0785
rs4880425	G	-0.0356
rs7903660	G	-0.0286
rs11599228	A	0.0721
rs1926208	T	0.0323
rs76850842	A	-0.0602
rs7081622	T	-0.0866
rs77874356	T	-0.0687
rs113945342	T	-0.0356
rs76834602	T	-0.0569
rs7894450	T	-0.0487
rs113217789	A	-0.1229
rs151137139	G	-0.148
rs11195650	A	0.0977
rs11245468	C	0.1259
rs9919401	C	-0.0276
rs1247445	A	-0.0561

rs34260939	T	0.1618
rs76713186	T	-0.1098
rs1930168	T	0.03
rs35803579	T	0.097
rs76265313	T	-0.0854
rs17875481	G	-0.1456
rs72834812	T	0.0979
rs147477844	A	-0.1677
rs73310011	A	0.1
rs12259375	T	0.0608
rs11014672	T	0.0853
rs61853594	G	0.0864
rs146892309	A	-0.0968
rs10884436	C	-0.0295
rs55863175	A	0.0649
rs10906150	C	-0.0372
rs79948448	G	0.1193
rs3824685	G	0.0352
rs1052556	G	0.0489
rs147092384	A	0.1104
rs2230271	T	-0.1424
rs4748317	T	0.0385
rs148842292	G	0.1457
rs17710656	G	-0.0694
rs56200210	C	0.0641
rs76160885	C	0.1151
rs149592602	T	-0.123
rs11200176	C	-0.0295
rs72810408	A	0.1268
rs2895503	G	-0.0654
rs293244	A	-0.0295
rs7083336	C	-0.0392
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rs140952579	T	-0.1636
rs7082627	A	0.0512
rs702999	C	-0.0665
rs56064086	G	0.1286
rs143561662	A	0.1696
rs117070777	T	-0.0559
rs76535435	T	-0.1448
rs75768910	T	0.1374
rs61868812	G	-0.1137
rs12256152	C	-0.1661
rs67484203	T	-0.063
rs7907084	T	0.0298
rs4750545	C	-0.0362
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rs9633756	T	0.0284
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rs11002602	A	-0.2024
rs1889522	G	0.0311
rs5030935	T	-0.0311
rs1149952	C	0.0357
rs17749022	A	-0.0679
rs1359728	T	0.0353
rs75258021	C	0.1802
rs61867242	A	0.204
rs2763365	T	-0.0299
rs148558235	T	0.2273
rs145142671	T	0.1134
rs12571519	C	0.0474
rs57732349	T	-0.0428
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rs7094561	G	-0.0317
rs72786198	G	0.0405
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rs34071918	T	0.0748
rs61833967	T	-0.0376
rs143797870	T	0.1852
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rs2295874	T	-0.0455
rs7914019	A	-0.0315
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rs1385094	T	0.0552
rs36049124	T	0.1779
rs7914203	A	0.0302
rs77889224	A	-0.1241
rs10994294	T	0.0782
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rs10786376	T	0.0425
rs117535965	A	-0.1319
rs28540084	C	0.0422
rs117960290	C	-0.2086
rs138090950	A	0.1749
rs1061498	A	-0.0438
rs4918625	C	-0.0289
rs3763958	C	0.0359
rs117423744	C	0.2087
rs78550424	T	0.0776
rs7075391	A	0.0792
rs3780905	T	-0.0846
rs11599737	A	-0.0578
rs59759821	A	-0.1067

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rs4750844	C	0.0324
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rs4747112	T	0.0521
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rs7086017	A	-0.1001
rs11591939	C	-0.0299
rs10822305	G	-0.0285
rs686374	A	0.0284
rs61854352	G	0.0619
rs12184367	C	-0.071
rs11005757	T	-0.0854
rs17092124	G	-0.0297
rs1970005	T	-0.0409
rs149014728	A	0.1402
rs145299861	G	-0.0954
rs12415320	G	0.0866
rs41513344	C	-0.0658
rs11199775	C	-0.0383
rs79879903	G	-0.1071
rs1252895	C	-0.0304
rs79964517	T	-0.1344
rs145167640	T	-0.1407
rs12773972	G	-0.0337
rs7073799	A	-0.0357
rs77781878	G	0.2037
rs79428805	T	0.2251
rs74774740	A	-0.066
rs117235615	C	0.1
rs12255502	A	0.1013
rs11597220	A	0.035
rs472576	C	0.0323
rs61831876	G	0.2369
rs112367431	A	0.1816
rs17104061	A	-0.0465
rs7903372	G	-0.0717
rs144617846	C	0.1727
rs140891324	A	-0.2095
rs1907896	C	0.0352
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rs10762702	A	-0.0324
rs140585884	C	-0.1442
rs28696905	A	-0.0384
rs12262150	A	-0.16
rs75707914	G	-0.1368
rs117473704	A	0.1981

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rs78361904	C	0.1706
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rs73256450	T	-0.074
rs76200555	C	0.1028
rs12415964	C	-0.0619
rs11013364	G	0.0606
rs76475442	G	-0.0781
rs74123805	C	-0.0762
rs2377520	T	0.0314
rs149135216	G	0.2668
rs55727850	T	0.1318
rs142485569	G	0.0971
rs2065092	T	0.0506
rs76543381	T	0.0755
rs75625702	T	0.1599
rs4570487	A	0.0322
rs4342964	T	0.0335
rs11257354	A	-0.1059
rs290488	G	-0.073
rs60659831	T	-0.0334
rs696206	G	-0.0704
rs75722299	T	0.0661
rs4750156	A	0.1829
rs844111	A	0.1012
rs79419861	T	-0.1326
rs139980414	A	0.0752
rs118158710	C	0.1276
rs4242785	A	-0.0323
rs10998751	C	-0.0411
rs117125491	T	-0.1022
rs12219448	G	0.0439
rs1691915	A	0.0338
rs16916848	A	-0.0968
rs72835540	A	0.0704
rs61844278	G	0.1024
rs12252023	T	-0.1376
rs10736310	G	0.0279
rs899865	C	0.0305
rs498671	C	0.0338
rs12571004	T	-0.0483
rs7067968	G	0.0283
rs2451472	G	0.0304

rs141070543	A	-0.0926
rs7074283	T	-0.1947
rs61868714	A	-0.0496
rs118019352	A	0.1244
rs1815520	T	0.0492
rs10829494	T	-0.0453
rs75586882	A	0.1094
rs116963381	T	-0.0675
rs2788300	A	0.0381
rs117908214	T	-0.165
rs1871619	G	0.0308
rs117441197	C	-0.2152
rs72816125	C	0.1504
rs144955356	T	0.1226
rs10466158	C	-0.0324
rs111982228	G	0.1057
rs6482833	T	0.0626
rs112758031	T	0.1313
rs76028194	T	0.1707
rs73345214	T	0.0951
rs74540070	G	-0.0858
rs146173736	C	-0.1238
rs11596197	A	0.0658
rs114428986	G	0.1679
rs61861012	G	0.1197
rs78456068	A	0.1707
rs12241688	T	0.0886
rs201082	A	-0.0375
rs1628107	C	0.0276
rs138061716	G	-0.1514
rs75613380	A	-0.0441
rs17483623	G	-0.0325
rs145480637	T	-0.1104
rs17009575	C	0.0328
rs10997343	G	0.0814
rs10899968	G	-0.033
rs756322	C	-0.058
rs2265778	T	-0.0302
rs1771632	A	0.0883
rs79589125	T	0.1347
rs3014187	A	0.0358
rs1172480	T	0.0298
rs72790138	G	0.1915
rs4881140	T	-0.0399
rs72837877	T	0.1065
rs61848904	A	-0.1011
rs4447096	C	-0.039

rs2398192	C	-0.0309
rs117225132	A	0.2419
rs11258367	G	0.1238
rs17885600	T	0.0999
rs1034024	C	-0.0323
rs12784536	G	-0.0379
rs139675989	G	-0.1676
rs117621955	T	-0.2042
rs912837	G	-0.0484
rs7895980	A	-0.0352
rs139720915	G	0.1231
rs148830115	A	-0.116
rs2504246	G	-0.0605
rs117546928	C	-0.1628
rs10998273	C	0.0686
rs145720640	G	0.0422
rs7079929	A	0.0889
rs11599686	A	0.0509
rs4933897	T	-0.0515
rs56136724	T	-0.0348
rs12772038	G	-0.039
rs2924292	A	0.0357
rs17454621	C	0.0744
rs77740418	G	0.0471
rs113805169	A	-0.0568
rs7088823	G	-0.027
rs1766264	T	-0.1516
rs17331221	A	0.0687
rs117381701	T	0.1679
rs117348960	A	0.2173
rs117471896	A	0.136
rs7082704	T	0.0339
rs914488	T	-0.1033
rs10996575	T	-0.0276
rs11014536	T	-0.0588
rs11238779	A	0.0688
rs149461830	T	-0.0751
rs6480142	G	-0.0384
rs74494383	A	0.1927
rs35663918	T	-0.0678
rs34605650	A	-0.1133
rs11010241	T	-0.0309
rs61862860	T	0.0829
rs12570655	T	-0.0646
rs10824739	T	-0.0315
rs73389128	A	0.1759
rs72795508	G	-0.1392

rs10400011	A	-0.0305
rs143655478	G	-0.142
rs1676712	G	-0.0583
rs1925642	C	0.0405
rs11192484	A	-0.066
rs151041218	G	0.2773
rs11257492	C	0.1308
rs2388183	G	0.0364
rs12570317	T	-0.1365
rs3136619	G	0.0345
rs16929708	G	0.1045
rs76015132	A	-0.1108
rs55722426	T	-0.0544
rs72837991	G	0.0998
rs77782465	G	-0.0416
rs72804530	T	0.1056
rs1898094	G	0.0469
rs80056023	A	0.1203
rs10827167	T	0.03
rs955289	T	0.0288
rs74864258	G	0.1666
rs75149842	C	0.1648
rs1543691	T	0.0435
rs72791566	T	0.1302
rs117200527	T	0.0732
rs11595318	T	0.0812
rs140350519	T	0.1674
rs118092471	C	-0.1469
rs117593963	A	-0.1071
rs11592104	G	0.0548
rs4131743	A	-0.0359
rs3850690	G	-0.0739
rs75170649	G	0.0531
rs34094323	A	0.0681
rs58855815	C	0.0483
rs112865701	C	0.0747
rs7922449	T	0.0323
rs35499719	C	-0.0443
rs2907537	G	0.1547
rs10904015	G	-0.0488
rs10160070	T	0.0339
rs111686952	G	-0.1335
rs10788706	G	0.0334
rs113610170	A	-0.17
rs11016163	A	0.0442
rs77191591	C	0.1335
rs11238987	A	0.0847

rs4242711	G	-0.1015
rs12241804	C	-0.0514
rs117440785	G	0.104
rs61858421	C	0.2029
rs75485744	T	-0.0685
rs75027886	C	0.0964
rs2935651	T	-0.0298
rs117436931	T	-0.158
rs4747358	T	0.0299
rs822079	C	-0.0287
rs11012565	C	-0.1277
rs12783187	A	0.1406
rs61178403	A	0.173
rs9651499	G	-0.0439
rs1227743	T	0.0552
rs141868076	A	-0.194
rs1538680	A	-0.0304
rs74593593	C	-0.1071
rs72847518	C	-0.1058
rs11599770	T	0.1468
rs79436374	T	0.0708
rs786392	G	-0.0283
rs150475355	G	0.2267
rs78832804	G	0.2662
rs77098141	G	-0.0541
rs141705561	C	-0.1038
rs2492448	A	-0.0292
rs2275619	G	-0.0278
rs76631414	T	0.1844
rs112330480	C	-0.1356
rs117833151	A	-0.121
rs11202687	C	-0.043
rs80193862	A	0.1477
rs112739730	T	0.1075
rs73286667	T	-0.1382
rs7092164	T	-0.0327
rs111838584	C	-0.1943
rs12264477	C	-0.0311
rs7898560	A	0.0337
rs11189259	G	-0.0371
rs10901664	G	-0.0281
rs10795171	G	0.0276
rs59598962	T	0.0538
rs2398002	G	0.0266
rs3740236	G	0.0488
rs55672249	C	-0.0565
rs17557767	T	0.1538

rs117944826	C	-0.0975
rs72773851	C	0.1751
rs7083064	G	-0.029
rs9333182	A	-0.0558
rs77044322	T	0.052
rs117744755	A	0.0996
rs11251021	T	-0.0368
rs72834018	A	-0.1172
rs7070432	A	-0.0303
rs7079163	G	0.0271
rs11013842	G	-0.0275
rs12253328	A	0.0776
rs78902427	G	-0.1172
rs117995649	T	-0.2333
rs72846162	G	-0.0689
rs117819218	A	0.0895
rs61868680	T	-0.0534
rs6585507	G	0.0298
rs72775256	T	0.0512
rs7920579	G	-0.0445
rs950041	G	-0.2188
rs78350309	G	-0.185
rs11018217	T	0.0305
rs111812989	C	-0.1373
rs76786943	C	-0.1239
rs4934433	C	0.0298
rs323001	G	0.0312
rs12412801	T	0.1801
rs7921719	G	-0.0624
rs4751323	C	0.0439
rs10763854	C	0.0298
rs61856566	G	-0.0509
rs766031	T	0.0323
rs10751864	A	0.047
rs118089014	T	-0.1449
rs7084191	T	-0.034
rs6481608	C	0.1148
rs12360332	T	0.0511
rs7906204	A	0.0559
rs11190365	G	0.0975
rs12356218	A	-0.0341
rs72778680	G	-0.0687
rs34723593	T	0.1731
rs10794040	A	0.0515
rs749165	G	0.0905
rs142348442	T	-0.1983
rs148995128	T	0.1729

rs10824735	T	0.0328
rs7893901	A	-0.0455
rs927894	A	0.0714
rs11597510	C	-0.0369
rs11238804	T	-0.1057
rs12761607	C	-0.0285
rs71479215	A	0.1567
rs7900899	A	0.0274
rs142873554	A	0.1986
rs787728	T	-0.0315
rs145241663	G	0.1248
rs17666904	T	0.0546
rs16927689	A	0.0945
rs78579527	C	0.158
rs10509392	G	0.0339
rs1102217	T	0.071
rs11017928	A	-0.0444
rs7902364	A	-0.0409
rs2176377	A	0.0312
rs79070979	T	-0.1391
rs112042567	A	0.0479
rs12220360	T	-0.0417
rs74440195	C	0.1734
rs145123647	T	0.1414
rs79892424	C	0.0351
rs2388587	A	0.0354
rs7079807	A	-0.0332
rs71490399	T	-0.2142
rs76256623	A	-0.1814
rs117718536	T	-0.1233
rs1513659	C	-0.0275
rs138886201	G	-0.1503
rs11189358	G	0.0608
rs11813798	A	0.0412
rs75690009	A	-0.1108
rs1227052	C	0.0333
rs78791928	C	-0.0827
rs2243915	C	0.0308
rs111617068	G	-0.0795
rs11256422	T	0.074
rs4980259	G	-0.0314
rs2994634	A	0.034
rs118023717	T	0.1156
rs146844765	G	-0.1991
rs77984972	C	0.1893
rs676302	G	0.0358
rs78962285	A	-0.1438

rs414871	C	0.0357
rs79236728	A	-0.0337
rs1534627	C	-0.0274
rs117253389	A	0.1227
rs12768505	T	0.0513
rs7070121	G	0.0727
rs143206673	G	-0.0994
rs79454945	C	0.0771
rs80020510	C	0.1996
rs72797929	C	-0.1071
rs10999658	C	0.0284
rs35198330	G	0.1114
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rs2664283	T	0.0671
rs12569494	A	0.0419
rs2653528	G	0.0603
rs41281977	T	-0.0677
rs35490714	T	-0.1703
rs78622406	T	0.1175
rs3981238	G	-0.1494
rs4143766	C	-0.0285
rs1260622	A	0.1703
rs11201870	A	0.034
rs7908610	A	-0.1714
rs12762735	A	-0.0282
rs150819509	A	0.1769
rs140408552	G	0.1113
rs148317521	G	0.2008
rs34434952	A	0.0498
rs117414706	A	0.0805
rs74872215	T	0.1204
rs76327008	A	-0.1007
rs11013321	G	0.0278
rs6593453	A	-0.1312
rs77935666	A	-0.1078
rs10748886	G	-0.0419
rs12769978	G	-0.0381
rs80351942	T	-0.141
rs17833473	C	0.1024
rs117408676	T	0.1502
rs79718865	C	0.1068
rs10823785	A	-0.0269
rs146604826	T	0.1024
rs72830729	G	0.0791
rs773939	A	0.1798
rs11252435	A	-0.0484
rs10881910	A	-0.0596

rs74455264	G	0.1389
rs10883873	G	0.0482
rs75114935	A	-0.0887
rs78663664	C	-0.0762
rs148425740	G	0.1474
rs71475881	A	0.0785
rs61865282	C	-0.0493
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rs76932066	A	0.0773
rs111748137	T	-0.2406
rs116869415	G	0.1032
rs4934867	A	-0.1778
rs117872282	T	0.1522
rs10994497	T	0.0363
rs116898437	A	-0.1027
rs17295738	G	-0.033
rs772016	C	0.0287
rs56333360	G	-0.1728
rs7896393	G	-0.0307
rs10786222	C	0.03
rs35058428	G	0.0559
rs11592647	G	-0.0352
rs2445482	T	0.0893
rs1679507	A	0.144
rs35796	T	0.1396
rs4750265	A	-0.1032
rs2932890	T	-0.0703
rs6599697	T	0.0427
rs4751282	C	-0.0276
rs560034	C	0.0298
rs75707075	G	-0.1545
rs11257343	C	0.0445
rs7083779	C	-0.0276
rs117146098	T	0.1179
rs72799021	T	-0.082
rs141731843	C	-0.1332
rs7075678	C	0.0317
rs17333867	C	0.0432
rs7069208	G	0.037
rs76664225	A	0.1286
rs117310576	C	0.1043
rs115536361	T	-0.0792
rs10795997	T	-0.0284
rs11003403	G	-0.028
rs61847287	C	0.0521
rs12357482	C	0.0512
rs10795065	A	0.0315

rs73379905	A	-0.0471
rs144548322	T	-0.1106
rs77754128	T	0.1556
rs12356236	G	0.0628
rs117618645	A	-0.1335
rs1644419	G	-0.0367
rs117711580	G	0.1452
rs117479624	G	-0.0966
rs2601115	A	0.0364
rs10999863	C	0.0442
rs71479618	A	-0.1757
rs74673398	A	0.0877
rs139673025	C	0.2047
rs1751913	T	0.0336
rs117323923	G	0.104
rs12254063	G	0.0588
rs3913911	A	-0.0674
rs147778792	G	-0.2431
rs2453265	A	-0.0277
rs117979783	A	-0.0905
rs71486638	G	-0.1111
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rs12778215	T	-0.0293
rs72792028	G	0.0551
rs12359354	C	-0.0503
rs117725695	T	0.1623
rs11190725	T	-0.0761
rs117871362	A	-0.1036
rs12254249	T	0.0288
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rs7898162	A	0.0344
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rs11815733	C	0.0365
rs117335323	A	-0.1062
rs607069	A	0.0912
rs117008712	T	0.116
rs10764448	C	-0.0337
rs3026710	T	-0.049
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rs12415585	C	-0.0554
rs55723754	A	0.0381
rs10787162	C	0.2557
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rs11599214	G	-0.0415
rs12247162	T	-0.076
rs72772830	T	0.0791

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rs4979769	T	-0.0422
rs4498920	A	0.1062
rs12359879	T	-0.0504
rs10824324	C	0.0957
rs11191615	A	-0.1129
rs8181429	C	0.0364
rs1540957	C	-0.0405
rs7072223	C	0.0263
rs2127897	T	-0.1138
rs76674739	A	-0.0995
rs10763963	A	0.0337
rs72846931	A	0.1302
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rs12249326	T	0.0323
rs79196159	G	0.2594
rs77209128	G	0.0428
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rs17245311	G	0.0895
rs55701754	C	0.0357
rs17145614	G	-0.0622
rs10857595	C	0.0265
rs140263273	T	0.0722
rs117344617	G	0.1283
rs11200745	C	0.0502
rs12766693	T	-0.0352
rs11008503	C	-0.0471
rs10508250	T	-0.0505
rs117330360	A	-0.1171
rs4962634	A	-0.0272
rs58870904	T	0.0377
rs74153509	C	0.1142
rs1699878	C	-0.1961
rs118087137	C	-0.1754
rs10764972	T	-0.0286
rs4746912	G	0.0316
rs141096093	C	0.2114
rs4838767	C	0.1633
rs7082268	A	-0.0378
rs2765491	T	-0.0517
rs75353346	T	0.0863
rs34098396	T	-0.0737
rs115841010	C	0.0509
rs140693784	A	-0.0751
rs78690104	G	0.1004
rs6480710	T	0.1669
rs1417638	T	0.0272

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rs10752065	A	0.0787
rs7072999	T	0.0285
rs1674898	C	0.0366
rs76215300	C	0.09
rs17293956	A	-0.0374
rs11255861	T	-0.141
rs140833659	T	-0.1448
rs111608911	C	-0.1247
rs75876403	G	-0.1252
rs10734007	C	0.0305
rs73598338	A	0.0764
rs11593430	T	-0.0865
rs78371187	T	0.0758
rs148138319	G	-0.1981
rs78050507	A	-0.0824
rs73383629	A	0.1186
rs12776509	G	-0.1224
rs117825405	G	-0.2689
rs7075980	T	-0.0548
rs11599150	T	-0.0843
rs7905106	G	-0.0275
rs79252054	G	0.1344
rs10509824	T	0.0882
rs12415272	G	0.0317
rs12356958	A	0.0646
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rs112767820	A	-0.1643
rs138553858	G	0.1776
rs12219942	C	-0.0343
rs4746268	G	-0.1141
rs72824486	G	-0.0517
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rs17127392	T	-0.0394
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rs77783505	G	0.1178
rs17310025	G	-0.108
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rs10821845	G	0.0449
rs4751686	A	0.042
rs74352101	G	0.0475
rs12412862	G	-0.0328
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rs2768716	G	-0.0296
rs4445543	A	0.075
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rs150985132	T	-0.137
rs10796199	C	-0.038
rs9664986	G	0.0386
rs72806370	T	-0.0818
rs1326249	G	0.0465
rs1063161	G	0.0514
rs117716639	C	0.1369
rs80142394	A	-0.1067
rs74479182	C	0.148
rs7893783	G	0.1333
rs138527223	T	0.1012
rs4314952	G	-0.0267
rs112100783	A	-0.1377
rs117944154	T	-0.1429
rs11202373	A	0.1885
rs61847270	T	0.0462
rs7090831	A	-0.0263
rs11014005	G	0.0886
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rs77899607	T	-0.0534
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rs7902584	G	0.0366
rs72774700	C	0.1426
rs61450717	C	0.0833
rs11195465	C	-0.0387
rs10830191	A	0.0312
rs56145941	T	0.1097
rs117974695	G	-0.2522
rs11252631	A	-0.0521
rs56062003	G	-0.043
rs4880687	A	-0.0291
rs1325591	A	0.028
rs11200124	A	0.1605
rs77003825	G	-0.1313
rs11594883	C	-0.0407
rs67903565	A	0.0491

rs7905739	G	0.0444
rs72837827	G	-0.041
rs5010908	C	0.0507
rs2505903	C	-0.032
rs10740823	T	0.0345
rs72845444	A	0.1238
rs12413305	A	-0.0607
rs1417210	G	0.0444
rs7899538	A	0.0398
rs78479818	T	0.0471
rs72832653	C	-0.0723
rs17693423	C	0.1867
rs16926262	C	0.0337
rs2434087	C	0.0293
rs661162	A	0.1034
rs34231128	C	-0.034
rs61854262	T	0.1398
rs10882056	T	0.1073
rs2620881	C	-0.027
rs10751789	A	0.0285
rs10906733	A	-0.0376
rs504595	T	0.0601
rs7081297	G	0.0424
rs34951790	A	0.0585
rs56158202	G	-0.0727
rs3213024	C	-0.0674
rs77058466	G	-0.0811
rs7086718	T	0.141
rs60981594	C	-0.0738
rs3014887	A	-0.0268
rs147539870	G	-0.1377
rs11198460	G	0.0866
rs111422243	T	0.1392
rs10762476	A	-0.0373
rs141227493	T	-0.0712
rs77364436	C	0.1175
rs72805671	G	0.1417
rs11257041	T	0.0334
rs2026048	C	0.0478
rs117491729	C	0.1507
rs72799477	T	0.2084
rs72850324	T	-0.1137
rs1247436	T	0.0427
rs72839096	T	-0.093
rs4420158	A	0.028
rs2478486	T	-0.034
rs7070294	A	-0.0334

rs80257873	A	-0.0597
rs117497378	G	0.1282
rs117354281	T	-0.1392
rs138891442	A	-0.1272
rs116955685	T	0.1573
rs11259339	T	0.031
rs181610	T	-0.0275
rs10509641	T	0.0416
rs11001278	G	-0.0325
rs4339993	T	0.0741
rs7894852	A	0.0331
rs17098094	G	-0.0436
rs6583921	A	-0.0312
rs264324	C	-0.0364
rs76111919	T	0.1275
rs11591429	C	0.0256
rs117550317	G	-0.1418
rs145800519	A	0.1342
rs72771763	G	-0.1683
rs73600415	T	-0.0739
rs113872980	T	-0.1147
rs75540951	G	0.1938
rs6584181	T	-0.0274
rs7088814	G	0.0292
rs12572050	T	-0.0378
rs2286397	T	0.1393
rs4934282	C	0.0256
rs835240	C	0.0491
rs2579753	C	-0.0332
rs11252601	C	0.1005
rs148009862	A	-0.0732
rs112773164	T	0.1325
rs77410133	T	0.1394
rs77149942	C	0.0961
rs147766911	T	0.1205
rs7916173	G	-0.0961
rs1849697	T	-0.0468
rs113379089	A	-0.1457
rs73605030	G	-0.0465
rs1024205	G	0.0339
rs9421424	G	0.0976
rs517486	T	-0.172
rs1832404	C	-0.0331
rs77041135	A	0.0366
rs1698469	A	-0.0344
rs117334396	G	-0.1278
rs2357285	T	0.0595

rs79375488	C	-0.1363
rs34482651	G	0.1715
rs1148171	T	-0.033
rs148483210	T	0.0691
rs66530545	C	-0.0528
rs11018182	C	-0.0274
rs10795972	T	-0.1393
rs1877799	C	0.026
rs7899426	C	-0.0433
rs10795863	G	0.0602
rs59409030	C	0.0598
rs4589172	G	-0.0292
rs72792773	G	-0.1678
rs78047801	T	-0.1788
rs78482268	A	-0.1163
rs2887232	C	0.1146
rs74962080	T	0.1392
rs72819464	T	0.0864
rs78143698	C	-0.1248
rs10741087	C	-0.038
rs11813458	A	-0.0404
rs117626559	A	-0.168
rs11592980	A	-0.0397
rs9733876	A	0.0279
rs8192769	T	-0.0601
rs114697026	T	0.1509
rs72815385	T	0.1203
rs74151272	C	0.1366
rs2637642	C	0.0255
rs10796164	A	0.0264
rs1812780	C	0.0504
rs149022885	A	0.1564
rs72771121	C	-0.0327
rs10762787	C	-0.0327
rs74162325	C	-0.0472
rs7914844	T	-0.0538
rs11816856	G	-0.0582
rs7092578	T	-0.0366
rs114574240	T	-0.118
rs4611118	G	-0.026
rs304447	C	0.0357
rs4918923	G	0.0546
rs11594808	G	-0.0311
rs12356802	A	-0.0554
rs7913103	G	0.035
rs12774671	C	0.0686
rs72816166	A	-0.088

rs2637636	C	-0.0728
rs41284072	A	0.1569
rs74116621	T	-0.1576
rs10751935	C	0.0349
rs12783959	T	0.0354
rs74794974	T	-0.1277
rs1802295	T	-0.0284
rs55941926	T	0.0371
rs149814628	T	-0.1821
rs1537142	A	-0.0335
rs12766008	C	0.112
rs138941156	G	0.1017
rs7083102	A	-0.0555
rs11248524	G	0.0421
rs66554588	G	0.0282
rs603424	A	-0.0329
rs61866566	G	-0.0702
rs118091792	T	-0.0629
rs7086208	A	0.1491
rs55910844	T	0.1121
rs12774811	A	0.1153
rs10788222	A	-0.048
rs11017331	T	0.0769
rs2995478	C	-0.038
rs2478095	A	0.1082
rs7078410	A	0.0405
rs11198859	T	0.1029
rs138843817	G	0.1486
rs7087752	T	0.1045
rs11188792	A	-0.0279
rs79354155	T	-0.1643
rs143445464	T	-0.1405
rs151056847	G	-0.1523
rs7912455	A	0.0257
rs117709889	C	0.1861
rs78850358	G	-0.0888
rs77757990	G	-0.1307
rs78620612	A	-0.12
rs145644888	G	-0.1139
rs10749541	T	0.0415
rs2104347	G	0.0277
rs1409295	G	-0.0511
rs117144859	G	0.0925
rs117669234	C	0.0889
rs2023400	T	-0.0301
rs11257895	T	-0.036
rs11510884	G	-0.0359

rs10740353	T	-0.0469
rs112346530	A	0.1026
rs313452	T	-0.0324
rs10510139	C	0.0258
rs145673528	T	-0.1027
rs7096147	T	0.0276
rs113234602	A	-0.2352
rs1070048	A	0.0252
rs2388864	T	-0.0739
rs986212	T	-0.0306
rs946250	A	0.0265
rs1906461	C	0.0258
rs4746853	T	0.1294
rs59347504	A	-0.1195
rs1649947	T	-0.0339
rs41284380	A	-0.1834
rs56071446	A	0.0456
rs12265288	T	-0.0299
rs79485771	G	0.0578
rs146699770	A	-0.0695
rs113368478	A	-0.0723
rs79442765	C	0.0867
rs4750770	T	-0.0253
rs111234103	G	-0.1284
rs7094333	C	-0.0457
rs10906875	C	0.0302
rs7913159	G	0.0264
rs736545	A	-0.1174
rs10752384	T	0.0556
rs11002810	G	0.0297
rs4579859	G	0.0474
rs10740396	C	0.0263
rs2789642	G	-0.0393
rs72795016	C	-0.1386
rs1995896	A	0.058
rs4394727	G	0.0308
rs61852884	T	0.173
rs117422506	T	0.1809
rs12265838	G	0.1106
rs1644428	C	0.0291
rs12764890	C	-0.0873
rs34318344	T	0.0393
rs4474350	C	0.0347
rs117704481	C	0.118
rs111612943	T	0.1105
rs7095526	A	0.026
rs117181556	T	0.0575

rs12569902	T	-0.0447
rs35817274	T	0.0989
rs3128248	T	-0.0438
rs12767609	G	0.1697
rs10828663	A	-0.029
rs116902910	G	0.1755
rs17116616	C	0.0498
rs1277445	A	0.0267
rs117987508	G	-0.1455
rs2377630	C	-0.0511
rs748504	A	0.0383
rs146451311	G	0.1072
rs2901281	T	-0.0364
rs1750787	A	0.0908
rs10795701	G	-0.0288
rs61838375	C	0.0321
rs61858409	A	-0.0634
rs116848477	T	-0.243
rs72776688	G	0.0999
rs4746029	T	-0.0296
rs10786328	C	-0.0287
rs78941607	T	-0.1072
rs12777936	T	-0.0337
rs10881782	A	-0.027
rs11187084	T	0.121
rs146152255	A	0.0302
rs11815945	A	-0.0384
rs34710142	T	-0.1059
rs117966883	G	0.054
rs12767736	T	0.1
rs78201188	T	0.1184
rs11202579	G	0.0272
rs145253494	C	-0.1617
rs61863810	G	0.0501
rs78227482	G	0.1002
rs7072751	A	0.0406
rs58329391	G	0.0373
rs74583769	T	-0.1125
rs4131016	C	-0.0262
rs34566502	C	0.1469
rs141242916	T	0.0912
rs55945119	T	0.1192
rs4747980	C	-0.0524
rs117994637	T	-0.1263
rs538383	A	0.0264
rs116442462	A	0.1639
rs10764775	C	-0.0272

rs2505084	A	-0.026
rs12781906	T	-0.0546
rs12776057	G	0.0695
rs68072991	G	-0.1596
rs17553185	G	-0.2032
rs113527222	T	-0.1228
rs17517035	C	0.1249
rs80219165	C	-0.1186
rs72814023	C	0.1522
rs7918749	A	0.0341
rs75275182	G	-0.1332
rs78455555	C	0.0615
rs211401	C	0.0258
rs117023536	G	0.1825
rs10218886	T	0.109
rs80211046	A	0.1186
rs10881925	C	-0.0261
rs61861757	G	0.0506
rs4244317	A	-0.0279
rs148244801	A	0.1174
rs76142959	G	-0.1422
rs12252485	G	0.1075
rs75163165	A	0.1388
rs7476982	T	-0.088
rs112083488	A	0.1691
rs117335759	G	0.1447
rs7081039	T	-0.0363
rs10883601	A	-0.0289
rs7923745	T	0.028
rs72779730	A	0.0933
rs35656635	G	-0.1449
rs2145310	C	0.039
rs72842175	A	0.1577
rs1360119	A	-0.1221
rs79466393	A	0.1306
rs117826999	G	0.1837
rs12249449	T	-0.0429
rs11192970	T	0.0861
rs11015820	G	0.0293
rs145465512	T	0.1581
rs117598371	A	0.0851
rs78255570	A	-0.0639
rs78316594	C	0.1075
rs35919263	T	-0.0586
rs117062007	A	-0.2184
rs141612059	G	0.0883
rs78711395	C	-0.2026

rs2532659	C	-0.0376
rs553326	T	0.0412
rs7910227	A	0.086
rs1023263	G	0.0306
rs118012581	A	0.1012
rs45468798	A	-0.0656
rs74503287	C	0.3024
rs12570576	G	-0.0611
rs74160409	A	0.0598
rs116944159	G	0.1938
rs76251294	G	-0.0487
rs7091023	C	0.0259
rs1110399	G	0.0375
rs1237740	G	0.0465
rs11257272	T	0.0308
rs553638	A	-0.0294
rs6482574	C	0.0285
rs149220129	T	0.1102
rs793107	A	0.0257
rs9663425	C	-0.0277
rs11192684	G	-0.0628
rs2388711	C	0.0335
rs2570322	T	0.0637
rs10996926	G	0.0421
rs112436466	C	-0.1059
rs140863982	A	0.2179
rs117527803	A	0.1136
rs2815614	C	0.0281
rs4600144	T	0.0567
rs111565909	T	-0.1261
rs149563160	A	-0.164
rs17129868	T	0.0902
rs78555020	T	0.1747
rs142090759	A	0.2329
rs72814725	G	0.0483
rs117338282	T	-0.2089
rs78069317	A	0.1305
rs112431844	C	0.1072
rs11193718	A	0.2145
rs4750405	A	-0.0249
rs117357788	C	0.1643
rs7073062	A	-0.0261
rs11202892	C	-0.0746
rs7080908	T	-0.0417
rs11013118	T	-0.0346
rs3998767	A	0.03
rs117753350	A	0.12

rs144298946	G	-0.152
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rs150184974	C	-0.0679
rs118008508	A	-0.0728
rs7068499	G	0.0261
rs9418698	T	-0.0261
rs1251140	A	-0.0352
rs76529446	G	-0.0785
rs11239845	C	-0.0359
rs56226420	G	-0.0472
rs2016612	C	-0.0262
rs74496492	A	-0.1039
rs12252742	A	0.0254
rs76576376	A	-0.1958
rs116870695	T	0.0734
rs35997989	C	0.039
rs76602836	A	-0.0361
rs7895107	C	-0.0685
rs4962329	G	0.0267
rs56842128	T	-0.0336
rs10219117	A	-0.0295
rs2461225	T	-0.0339
rs61869228	T	-0.0525
rs7084040	T	-0.0773
rs137976749	C	0.1746
rs117412128	A	-0.1082
rs12359839	A	0.0452
rs79788987	G	-0.1214
rs72843751	T	-0.0475
rs41544714	T	0.1361
rs113201672	T	-0.0952
rs12771698	T	-0.0572
rs9420501	A	-0.0388
rs7919667	T	0.0321
rs117045692	A	0.1247
rs734675	G	-0.0378
rs12254800	A	0.0307
rs72771686	T	-0.0734
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rs1763978	T	-0.0252
rs76670191	A	0.1419
rs74869479	C	-0.1912
rs74526503	G	-0.1539
rs77013742	C	-0.0682
rs787796	C	-0.107
rs146099827	C	-0.1114
rs59440816	C	0.0349

rs75671129	T	-0.0799
rs72833248	G	-0.0909
rs138250735	A	0.1693
rs11189426	A	-0.0511
rs17481680	A	0.0498
rs79861996	G	0.0434
rs2384175	G	0.0259
rs141462265	C	-0.1317
rs157995	A	0.0273
rs11202994	A	-0.12
rs11188876	A	-0.0325
rs61846654	G	0.0853
rs224706	T	-0.0631
rs9419959	A	0.0333
rs196310	G	-0.0248
rs3851564	T	-0.0661
rs986316	T	-0.1245
rs114964613	T	0.1967
rs17331020	G	0.1834
rs10822318	A	-0.0285
rs363311	A	-0.0467
rs10901533	A	0.0363
rs6585682	C	-0.0255
rs1219733	A	-0.0255
rs56032424	C	0.0799
rs17295731	A	-0.1109
rs2785247	T	-0.0256
rs142592602	T	-0.1581
rs72840410	G	0.1234
rs10826871	C	0.0313
rs75198744	C	-0.0574
rs12570517	A	0.1763
rs138162115	T	0.0363
rs111305572	T	0.1068
rs34616863	A	-0.0662
rs57435050	A	-0.0812
rs4880498	T	0.0259
rs148225109	G	0.1328
rs6585536	T	0.0262
rs4962397	A	-0.0437
rs61873690	T	0.0693
rs77029746	T	-0.1093
rs597248	G	0.1015
rs734937	T	0.0322
rs17102281	G	0.0592
rs11192500	A	0.089
rs72836153	A	0.0895

rs78722685	C	-0.0805
rs149186079	A	-0.2471
rs148777067	C	-0.1576
rs112782687	A	-0.1169
rs4537679	T	0.0258
rs7101137	T	-0.026
rs11000137	T	0.0332
rs10823667	G	0.0272
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rs10795795	G	0.0253
rs112969081	T	0.0292
rs148402881	A	0.1436
rs4442451	T	0.042
rs55893119	T	0.0964
rs10795132	C	-0.0261
rs2660016	G	0.0308
rs4962551	C	-0.0459
rs77689060	C	-0.1531
rs7915809	G	0.0255
rs112682566	T	-0.0973
rs4434898	T	-0.0324
rs11257687	T	-0.0857
rs17009949	T	-0.0737
rs80014091	A	0.0744
rs11594407	A	-0.0475
rs111966404	A	-0.0844
rs11253219	A	-0.1182
rs12770852	G	0.0516
rs75610267	A	0.0656
rs75393360	T	-0.1241
rs6481621	G	-0.0293
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rs2487710	A	-0.0407
rs112121821	C	-0.1253
rs17128067	G	-0.0446
rs74156334	A	-0.062
rs11594365	A	0.037
rs61850002	T	-0.0721
rs12264955	T	-0.05
rs77906339	A	0.0296
rs145761078	A	-0.0969
rs117119299	C	-0.1737
rs72824030	A	0.1239
rs12245611	C	0.0924
rs718948	C	-0.0272
rs17662793	G	0.0279
rs58851815	G	0.1484

rs1432448	G	-0.1555
rs1969824	A	-0.0276
rs76918046	G	0.0591
rs10823813	G	-0.0259
rs7093352	A	-0.0422
rs59016855	C	0.0429
rs73340469	T	0.1039
rs112493919	C	0.1438
rs34295601	C	-0.099
rs35360884	T	0.0553
rs118115742	T	-0.2287
rs12263420	C	-0.0678
rs115160533	C	-0.1336
rs79015497	C	-0.044
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rs41281300	G	-0.0319
rs111776551	T	-0.1217
rs12220250	G	0.0751
rs76234702	G	0.1133
rs118114823	T	-0.1268
rs1638674	G	0.0298
rs11257216	G	0.029
rs12243859	T	0.0265
rs116899466	A	-0.1059
rs75102082	T	0.1113
rs80159320	A	0.1138
rs7910750	T	-0.1743
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rs7096141	A	-0.0546
rs72810495	C	-0.1211
rs7914988	G	0.0307
rs9421758	T	-0.0277
rs149410211	C	-0.1941
rs34826684	C	-0.0853
rs17384909	A	-0.0611
rs113085369	A	-0.0359
rs76773975	A	-0.0682
rs2486058	C	0.0301
rs625250	G	0.0419
rs11813818	A	0.0296
rs11198201	C	0.0508
rs11156472	A	0.1727
rs12146414	G	-0.0447
rs17820033	A	-0.0282
rs145661527	C	-0.1263
rs114938928	A	-0.1432
rs2252324	T	-0.0253

rs116844749	T	0.1584
rs2478578	T	0.0977
rs75885737	C	0.1487
rs923800	T	0.1083
rs1556714	G	-0.033
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rs10882744	T	-0.0287
rs12267575	C	0.1676
rs12414140	A	0.032
rs77702873	T	-0.1446
rs2147941	T	0.036
rs7068041	A	-0.1022
rs2384096	G	0.0412
rs112625691	A	0.0568
rs12783433	T	0.0813
rs117075467	A	-0.1491
rs117690332	G	-0.0985
rs10827642	G	-0.0294
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rs55970731	G	0.0391
rs79871163	T	0.0557
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rs117457465	T	0.1743
rs7476136	A	0.0515
rs118186187	G	0.1679
rs1133932	G	0.0505
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rs146767572	A	-0.2546
rs147650462	C	-0.2021
rs2002905	A	0.0305
rs5011646	C	-0.0843
rs148986197	A	0.0945
rs12258379	T	0.1366
rs148654101	C	0.2315
rs7908719	G	-0.1133
rs1835737	G	-0.0621
rs2081751	C	-0.0291
rs116950322	C	-0.1188
rs1630635	A	-0.056
rs117398558	C	-0.1117
rs79995908	A	-0.1106
rs7918839	A	-0.0523
rs76062346	T	0.1312
rs17113872	A	0.0681
rs77530449	G	-0.0474

rs2393455	C	0.0259
rs138057132	C	-0.0899
rs11006212	G	-0.0245
rs12569522	T	0.0966
rs12242024	G	-0.0827
rs76726581	T	-0.0644
rs77729997	C	-0.2247
rs73245489	C	0.1783
rs4935586	A	0.0488
rs74113197	G	0.0624
rs61856433	C	0.0351
rs2418830	A	0.099
rs111284945	A	0.0908
rs141245474	T	0.1135
rs76980571	C	-0.123
rs1327252	G	0.0437
rs2384189	G	0.024
rs141148641	G	0.1543
rs10159855	T	-0.043
rs2892404	T	0.0243
rs34607294	A	0.1088
rs118153462	A	-0.1015
rs146133427	T	0.1368
rs1995666	C	-0.0277
rs139911585	A	0.1982
rs1966051	G	-0.0623
rs61856102	G	-0.0828
rs72775129	A	0.0716
rs60553529	G	0.0573
rs7071259	C	0.0551
rs2022414	A	0.0405
rs11188994	T	-0.0314
rs2666255	G	0.0255
rs10995840	C	-0.0299
rs1033784	T	0.0293
rs12416454	T	-0.1953
rs12768393	A	0.0299
rs7091277	G	-0.0313
rs10885401	C	0.0972
rs6597801	A	-0.0399
rs78298223	A	0.0813
rs118135400	G	0.1476
rs10762491	T	0.0255
rs7078171	G	0.0257
rs12259886	T	0.1026
rs146182128	A	0.1075
rs78620122	A	0.0908

rs11239303	G	0.0568
rs4917711	T	0.0907
rs73378492	T	-0.1203
rs79303689	T	-0.0893
rs12414094	T	-0.0339
rs117863051	G	0.0859
rs72778763	A	-0.0814
rs75174619	A	0.0978
rs701841	G	0.0285
rs61870186	G	0.0825
rs117323821	T	-0.1674
rs117577457	A	0.0923
rs2795590	A	0.0894
rs1571014	C	0.0399
rs117681011	T	-0.0816
rs2393579	C	0.038
rs117227223	G	-0.0511
rs146631457	T	-0.1508
rs1234216	A	0.026
rs7893994	T	0.0588
rs527918	T	-0.0653
rs117709581	T	0.1515
rs77043155	A	0.0813
rs150634643	A	-0.1936
rs147734323	T	0.0798
rs11188885	A	0.1613
rs12769650	A	0.0373
rs117798271	T	-0.0795
rs79925464	C	-0.0537
rs11596473	C	-0.1355
rs112903443	A	0.082
rs11012166	C	0.0251
rs76776409	A	-0.1284
rs1122830	C	0.0787
rs117432838	T	0.0655
rs201062	T	0.0413
rs7078914	C	0.0455
rs7904790	A	0.0859
rs112917631	C	-0.1003
rs141885732	C	0.0996
rs2260294	G	0.0332
rs150990184	A	-0.0863
rs75731135	C	0.0525
rs7076763	T	0.0246
rs17533373	T	0.0337
rs2556537	T	0.0339
rs7077404	A	-0.0268

rs1890506	T	-0.0278
rs2785250	C	-0.0812
rs73248320	T	0.0294
rs73391593	A	0.0373
rs10737008	T	-0.026
rs7094118	C	-0.0303
rs74139363	C	0.1312
rs117872341	G	0.1386
rs7898584	T	0.0322
rs4750148	A	-0.035
rs2420765	G	0.0811
rs144576793	A	-0.1118
rs78400322	A	0.096
rs77145664	G	-0.0609
rs75634795	A	-0.2435
rs4980139	C	-0.0506
rs6585879	G	0.0388
rs73391858	C	0.0567
rs444323	A	0.0282
rs2377879	T	-0.0746
rs117595198	A	0.1463
rs78235500	A	0.0773
rs3887817	A	0.0297
rs10857625	C	-0.0305
rs11248558	C	-0.0277
rs3780937	T	0.0588
rs4751460	G	0.047
rs55798271	C	0.0411
rs34236214	A	-0.0794
rs72789374	T	-0.0498
rs1907359	G	-0.0307
rs76719963	G	-0.0422
rs10885140	G	-0.0469
rs953196	A	-0.0245
rs10829659	T	0.0635
rs57876210	A	0.0647
rs3901332	G	-0.0256
rs75664031	G	-0.1146
rs143737121	T	0.1105
rs140303807	T	0.1324
rs11256983	C	-0.0617
rs75703288	A	0.0473
rs1929256	G	-0.0465
rs10827254	T	0.0334
rs58048186	T	0.0613
rs11188246	A	0.0314
rs35301698	T	-0.0683

rs1800860	A	-0.0283
rs73320584	G	-0.0396
rs12778249	T	0.0616
rs10734105	G	0.0267
rs16933172	G	0.0828
rs17385180	T	0.0432
rs76016493	C	0.0407
rs138314328	C	0.2211
rs76510618	T	-0.122
rs7895955	C	0.0253
rs61860069	T	0.1909
rs77435932	C	-0.0539
rs77399338	A	0.1426
rs117013058	T	-0.1002
rs141632430	G	0.1244
rs112295645	G	0.1069
rs12257981	T	0.0841
rs78717536	T	0.1459
rs35807433	T	0.0321
rs118070606	A	0.1386
rs142584225	G	-0.1997
rs16928529	G	-0.0376
rs650903	T	-0.0482
rs78507336	G	0.1088
rs10905392	T	0.0631
rs11015831	A	0.2148
rs72818235	C	0.2093
rs17646871	A	-0.0874
rs72783245	G	-0.1281
rs12354419	C	-0.0958
rs111700229	T	0.0693
rs7086894	C	-0.0271
rs72782884	G	0.2089
rs145714173	T	0.134
rs117983078	C	-0.0736
rs11594199	A	0.0977
rs11596316	G	-0.0586
rs1992668	A	-0.0469
rs10749123	G	-0.0304
rs4918830	T	-0.0246
rs116873648	T	-0.1176
rs149809268	G	-0.13
rs117807754	G	-0.0798
rs141450998	T	0.1992
rs4309063	C	-0.0327
rs117673713	G	-0.1477
rs11017027	A	0.0489

rs12268085	A	0.1214
rs1430331	T	0.0288
rs75502271	A	-0.0591
rs9421799	G	0.0266
rs138803375	A	0.192
rs72825852	A	0.0499
rs1912000	G	0.0399
rs140505891	A	-0.0914
rs72789322	T	0.0957
rs77254652	A	-0.1064
rs146475315	A	0.0538
rs111998417	G	-0.1191
rs17486927	A	0.1411
rs2812666	A	-0.0633
rs138639290	T	0.0901
rs78180416	G	-0.0659
rs7920664	C	0.0249
rs4469796	C	0.0261
rs73609547	T	0.1418
rs75324441	G	-0.1885
rs116936375	A	0.1073
rs11010642	C	0.0673
rs11815906	T	-0.0704
rs74605360	G	-0.1638
rs77004670	C	-0.1301
rs61861752	A	-0.0637
rs7896021	T	0.1039
rs2805513	G	0.025
rs145342156	C	-0.1552
rs12764290	C	0.0763
rs80011525	A	0.0599
rs113876058	A	-0.0924
rs72773392	C	-0.0593
rs4620623	A	-0.0289
rs118039419	T	0.0629
rs10824719	T	0.0407
rs3847476	T	0.046
rs72853193	T	-0.0826
rs893856	A	0.033
rs2147289	A	0.024
rs1624723	C	-0.0303
rs145648353	T	0.114
rs117227937	T	-0.122
rs11594123	C	-0.1504
rs11191714	C	-0.1892
rs78355705	C	0.1389
rs7099837	T	0.0285

rs12765679	A	0.0293
rs7893925	G	0.0245
rs12762068	G	-0.0629
rs11001215	A	-0.0324
rs117548198	C	-0.096
rs4537661	C	-0.0762
rs17628806	G	-0.0316
rs829225	A	-0.0348
rs147051919	T	0.1553
rs11009583	T	0.0334
rs9420759	T	0.0353
rs11575661	G	0.0568
rs117596781	A	-0.2454
rs61843389	A	-0.0828
rs11198728	T	0.0253
rs77543613	A	-0.0651
rs2763342	A	0.0259
rs4980054	C	0.0327
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rs12267933	G	0.0802
rs12412408	A	0.1272
rs7085115	T	-0.0535
rs10829368	C	-0.19
rs12779447	A	0.0306
rs12761494	A	-0.0738
rs34972411	A	-0.0724
rs7906425	G	0.0316
rs117447534	T	-0.165
rs146011267	A	0.1594
rs7898106	T	-0.0432
rs73595902	G	0.098
rs173175	G	-0.0408
rs61839218	C	0.1014
rs16920587	G	-0.051
rs116269371	T	0.1574
rs10788712	T	-0.0639
rs147370408	A	-0.0475
rs72800440	T	-0.0503
rs3098354	A	0.0343
rs1838579	C	-0.0303
rs9419011	T	0.0378
rs4750481	A	-0.0757
rs12414197	A	0.0337
rs113629439	A	-0.0901
rs11199464	G	-0.0564
rs12770346	T	0.1286
rs7076247	T	-0.0248

rs116985687	A	0.1851
rs11016877	A	0.0258
rs117850949	A	0.0392
rs76018080	T	-0.0838
rs61849207	A	-0.0827
rs61865236	G	-0.0516
rs151593	A	-0.026
rs2277265	G	0.0403
rs7079463	A	-0.0252
rs7087890	G	0.0279
rs61834057	A	-0.0397
rs4434903	C	-0.0304
rs117759893	A	0.1335
rs4506581	A	0.0305
rs28534804	T	-0.0434
rs10763702	T	-0.0267
rs2168109	G	-0.0415
rs4746076	G	-0.0243
rs113678104	C	-0.166
rs74957171	T	-0.1226
rs139472917	T	0.1397
rs117696037	C	0.0806
rs78632785	T	0.1979
rs4919597	G	0.0562
rs12257410	C	-0.0273
rs10740870	A	0.024
rs72792254	G	0.0576
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rs7079837	C	0.1202
rs146027574	C	-0.1404
rs2489052	A	0.0243
rs12770885	T	-0.0603
rs11011894	G	0.0251
rs4325270	A	-0.0243
rs71487885	T	-0.0504
rs148853631	C	0.127
rs73305694	G	0.1452
rs118131243	T	-0.1441
rs7913763	A	-0.0781
rs9919453	G	-0.0237
rs113789255	A	-0.1027
rs912484	T	0.0295
rs2960376	T	0.07
rs11186683	A	-0.0774
rs76967661	C	-0.0966
rs78854460	C	0.0878
rs597803	T	0.0275

rs117492472	T	0.153
rs80174741	G	0.0431
rs61872168	A	-0.0841
rs112350020	A	-0.1736
rs117558615	C	-0.1458
rs41296131	A	-0.101
rs61861801	T	0.0607
rs12573737	A	0.036
rs11594148	T	0.0429
rs11596952	G	0.0263
rs57472807	C	-0.0534
rs2887226	T	-0.0246
rs72817493	T	0.0561
rs10886566	A	0.0325
rs112286601	C	0.0586
rs11255499	A	0.0302
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rs61859443	A	-0.0781
rs150148564	C	0.1347
rs304465	T	0.0254
rs143690943	T	0.1404
rs118162701	C	-0.1276
rs117393957	A	0.1101
rs112545777	C	-0.0995
rs140112223	A	0.1333
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rs4144206	C	-0.0306
rs147722387	T	0.1727
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rs7905723	A	-0.0247
rs116980629	A	-0.0632
rs7099487	T	-0.0292
rs7084635	A	0.0333
rs145744161	T	0.2041
rs11258628	T	-0.0623
rs55929812	A	0.1185
rs10763961	A	-0.0351
rs16916887	A	0.0856
rs11200011	G	0.036
rs78255424	T	-0.0904
rs148049136	G	0.2106
rs4556454	G	-0.0368
rs61842398	A	-0.0377
rs78241189	C	0.1081
rs78403525	T	0.1468
rs80209725	C	0.0678

rs116369954	C	-0.0868
rs12413425	G	0.1133
rs111421522	A	0.05
rs11814304	C	-0.0475
rs76249068	C	0.1079
rs12415263	A	0.0284
rs3979458	A	0.0412
rs11191939	C	-0.0393
rs146134123	C	0.1111
rs2306294	T	-0.0404
rs7068574	C	-0.0351
rs7094583	T	-0.0256
rs2169901	G	0.0256
rs74908825	C	-0.0964
rs2574690	C	-0.0315
rs117272983	T	-0.1241
rs2892554	A	0.0312
rs1931881	T	-0.0313
rs79836928	A	0.1041
rs117900452	C	0.1143
rs2994674	G	-0.0241
rs10999162	G	0.079
rs144628354	A	0.1725
rs10903547	A	-0.0478
rs2043089	T	-0.0375
rs3740345	G	0.0279
rs61870229	G	-0.1414
rs11259286	C	0.0266
rs4237353	A	0.0276
rs2949388	G	-0.0287
rs9658706	G	-0.0479
rs7899618	G	0.0262
rs10219075	A	0.0315
rs11574674	G	0.0342
rs4525114	C	-0.0527
rs4746651	A	0.0345
rs12249150	T	0.0577
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rs117420397	A	-0.097
rs71494758	A	0.0262
rs113685537	A	-0.1672
rs919206	T	0.0349
rs72840032	T	-0.0607
rs7914933	T	-0.0238
rs11251115	T	-0.0266
rs143308830	G	-0.1849
rs6585876	T	-0.025

rs10905277	G	-0.0248
rs11814445	A	-0.0277
rs7073346	A	0.0348
rs34181456	G	0.0467
rs34688285	T	-0.1152
rs72812285	C	-0.065
rs141316271	T	0.1848
rs10762057	C	-0.0285
rs77800611	T	0.1
rs76883574	C	-0.058
rs74151081	T	0.1233
rs75596278	A	-0.0536
rs138190991	A	0.0872
rs72784107	T	-0.0835
rs35461040	T	0.0425
rs74845519	T	-0.0767
rs41527446	G	-0.065
rs2999437	G	0.033
rs10509530	T	-0.0307
rs77499291	T	0.12
rs118111448	T	-0.0684
rs58334200	T	0.0336
rs11190037	A	0.0383
rs78797151	T	0.0464
rs1885793	T	0.0671
rs7074497	A	0.0405
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rs73259394	G	0.0286
rs11101563	A	0.1407
rs1819279	G	-0.0365
rs2245569	G	0.0327
rs75832802	C	0.1432
rs10128172	G	-0.0284
rs11250795	A	-0.0348
rs2387993	G	0.0279
rs11599366	T	0.0361
rs79403713	A	0.0763
rs57294560	A	-0.0649
rs17659493	T	-0.0714
rs140528511	A	-0.1821
rs78803196	T	-0.0504
rs17112577	T	0.079
rs12784116	A	-0.0253
rs1380441	A	-0.0315
rs17599379	G	0.028
rs145306099	A	-0.1537
rs1421064	A	-0.1153

rs79073084	G	-0.1352
rs7101348	T	0.0316
rs3886351	T	0.054
rs75336121	C	-0.0534
rs10904276	A	0.0278
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rs10885517	G	0.0293
rs113565006	T	-0.0967
rs10829582	A	0.1431
rs11004745	C	-0.0279
rs111904790	A	0.1501
rs66792934	T	0.0386
rs12217879	A	0.0597
rs118003092	C	0.125
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rs61851714	A	-0.0478
rs915908	A	0.0418
rs4749679	C	0.0248
rs13134	T	-0.0956
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rs112768584	G	0.0872
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rs147419370	G	-0.1388
rs2146553	G	0.0234
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rs1890096	A	-0.0242
rs9419461	T	0.0481
rs118065643	T	-0.0642
rs1887635	A	0.0289
rs117978287	A	-0.1285
rs139079279	A	-0.1387
rs72790382	A	0.1286
rs76423969	G	0.1289
rs80146815	G	0.1627
rs117208019	G	-0.0841

rs117001634	A	-0.0495
rs4528239	A	-0.0238
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rs113432483	A	-0.1221
rs61736607	T	-0.0736
rs71473505	T	-0.1584
rs56290940	T	-0.0833
rs74828130	A	0.0846
rs17101017	A	0.0458
rs11258126	G	-0.0421
rs17447650	C	-0.0633
rs113108881	A	0.0731
rs762454	C	0.0249
rs66526375	A	0.0481
rs3123235	T	-0.028
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rs80195668	G	0.0971
rs7093042	C	0.142
rs111648213	T	0.1
rs17178691	G	0.0684
rs10998885	T	0.0452
rs76737403	G	0.0878
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rs111707552	G	0.1368
rs11187737	A	0.0262
rs80215060	T	0.0606
rs141264052	T	0.0893
rs61875108	A	0.0975
rs2103203	T	0.0324
rs143741181	C	-0.1641
rs11254625	G	0.0465
rs17011056	G	-0.1194
rs11201840	T	0.0253
rs118071736	A	-0.1376
rs572318	T	-0.0452
rs41283285	A	0.0894
rs10761494	A	-0.0251
rs117268320	T	0.0596
rs116526932	G	0.1447
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rs11187032	T	-0.0284
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rs139069829	T	-0.0867
rs11011704	T	0.0388
rs118186958	T	0.1072

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rs117423008	C	-0.1353
rs363285	C	0.0411
rs2026426	T	-0.0304
rs1993488	G	0.0952
rs139715885	T	0.1545
rs114583160	T	0.1109
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rs639813	C	-0.0301
rs10999675	T	0.0257
rs140503999	G	0.1133
rs17247987	A	0.0247
rs140887894	T	0.1258
rs7072911	A	0.0279
rs11011728	A	0.0233
rs71493332	G	0.0899
rs117674136	T	0.0825
rs663177	T	0.0259
rs6482225	A	-0.0504
rs79103243	A	0.1496
rs117288353	C	0.1026
rs2492592	T	0.0933
rs13376755	T	-0.0722
rs11592174	C	0.0431
rs56077987	G	-0.0306
rs111721391	A	0.1053
rs564088	C	0.0255
rs117802248	T	0.1654
rs2913117	G	-0.0361
rs141663375	C	0.0918
rs11013093	T	0.0326
rs7916738	T	0.0382
rs117229740	C	-0.1907
rs74441300	C	0.0881
rs61840209	T	-0.0253
rs74139685	T	-0.1207
rs143723910	C	0.1197
rs118073540	T	-0.1003
rs78580845	C	0.093
rs142241419	G	0.1314
rs117595258	T	0.0542
rs1249402	A	0.0879

rs140909693	A	-0.1436
rs12780474	C	-0.0353
rs10128495	T	0.0247
rs12265962	G	0.1275
rs7086892	C	-0.1073
rs142221364	C	0.13
rs12768504	C	0.0278
rs12263908	G	-0.0762
rs56193492	C	0.1035
rs3915773	C	0.0294
rs11255522	T	0.0302
rs146357064	C	-0.0892
rs4492772	A	0.028
rs71493882	T	0.0392
rs146697696	A	0.1745
rs11200710	C	0.0309
rs11598970	T	0.0369
rs145483835	T	-0.1499
rs117819417	A	-0.1177
rs1343008	T	-0.0399
rs78030671	G	0.0903
rs11196148	T	0.0371
rs10508687	C	0.0453
rs4474359	C	0.0411
rs117210840	A	0.0779
rs621375	C	-0.0355
rs7918439	T	0.0961
rs147902578	G	0.086
rs55764917	T	0.0875
rs17476930	G	0.1049
rs1926050	T	-0.0245
rs150476714	C	-0.1459
rs7089060	G	-0.0246
rs2487986	G	-0.0237
rs144205725	T	0.04
rs1148301	C	0.0252
rs10509158	T	-0.0294
rs7093735	T	-0.0251
rs11002453	G	0.0315
rs61875072	A	0.0976
rs12249419	A	0.041
rs11007663	T	0.0811
rs11006136	C	-0.0369
rs7085672	A	0.0259
rs72766726	T	-0.076
rs74661804	T	-0.1509
rs2996070	C	0.0357

rs145776463	G	-0.1028
rs10437352	C	0.0254
rs45442995	T	-0.1963
rs16930948	C	-0.137
rs2265881	A	0.1169
rs6585999	C	0.233
rs76296217	T	-0.0663
rs4442446	C	0.1176
rs11014264	T	-0.1436
rs117769989	A	0.1996
rs7903492	G	-0.0557
rs77256089	T	0.1439
rs12411765	A	-0.0323
rs72781984	A	-0.1526
rs71492243	A	-0.087
rs2474972	A	-0.0743
rs11599843	T	0.0985
rs1628670	G	0.0648
rs1149938	G	0.0233
rs12778041	G	0.0257
rs11018207	A	0.044
rs75916877	T	0.0461
rs72779812	A	0.0888
rs7081412	A	-0.0333
rs2943763	G	-0.0285
rs511295	G	0.1146
rs1875005	T	-0.0241
rs117912694	C	0.0887
rs117306022	T	-0.0998
rs11596238	G	-0.0591
rs10995108	C	0.0416
rs72825240	A	-0.0366
rs11594819	A	-0.0255
rs17135903	T	0.1008
rs145175052	T	-0.0365
rs10998358	C	0.0538
rs72804593	A	0.0559
rs1538897	T	-0.0506
rs72838568	T	0.0518
rs10903509	A	-0.0592
rs11592861	T	-0.0269
rs10821696	C	0.0258
rs10999556	C	0.099
rs76725278	C	0.0616
rs2015190	A	0.0364
rs11002284	T	0.0308
rs11814823	T	-0.0551

rs72828735	G	0.0885
rs78632776	T	0.0516
rs7915264	G	0.0347
rs59498073	T	-0.0559
rs111515266	G	0.1081
rs56067805	T	-0.0482
rs10905429	T	0.0509
rs11015890	T	-0.0284
rs78271387	C	-0.1105
rs60206118	A	-0.0304
rs11599423	T	-0.1164
rs76207412	A	0.1313
rs11187344	A	0.1301
rs117392249	G	0.0756
rs17296393	G	-0.0297
rs77832620	T	-0.0286
rs4748457	G	-0.0344
rs17567544	A	-0.0583
rs12775490	G	0.0966
rs1811676	G	-0.0326
rs12770417	A	-0.0314
rs11524313	A	-0.0318
rs10740109	C	0.0256
rs10887331	A	0.0306
rs147799812	G	0.1098
rs3962222	C	0.0811
rs10886134	A	-0.0236
rs117277796	T	0.1205
rs80087872	A	-0.0675
rs75970537	A	0.0551
rs12252832	T	-0.0241
rs11256974	G	0.0305
rs72770509	G	-0.0473
rs79867207	C	0.0666
rs117472339	T	-0.1912
rs12146164	T	0.0671
rs1707281	T	0.0239
rs77797978	A	-0.0442
rs11575688	C	-0.1008
rs117282992	G	-0.0671
rs7897232	C	0.0996
rs79486175	A	0.0927
rs11252011	G	0.0456
rs17133009	A	0.0285
rs68135249	C	0.0976
rs147247912	G	-0.1431
rs10740412	T	0.0279

rs7075891	G	-0.027
rs56154977	T	0.0492
rs117626178	A	-0.1007
rs780823	T	0.0254
rs74426251	G	-0.0645
rs117235382	A	0.1384
rs78239292	T	0.0697
rs117949398	G	0.0933
rs55836934	A	0.0723
rs76942349	T	0.124
rs9322838	A	-0.0836
rs7893908	G	-0.0382
rs61842752	G	0.0241
rs41282013	A	-0.0721
rs149604849	G	0.1696
rs56138096	C	-0.0689
rs9787599	C	0.0511
rs2277227	G	0.0232
rs144345547	T	-0.1802
rs17231490	T	0.0996
rs7901633	C	0.0229
rs2488067	C	0.0912
rs10748636	G	-0.038
rs61869770	G	0.0385
rs12217219	A	0.029
rs112545254	A	-0.1664
rs61864203	C	0.0835
rs17758801	A	0.0626
rs10903515	C	-0.0246
rs9423431	C	0.0465
rs118001161	G	0.1178
rs112247469	A	0.0956
rs75284708	A	0.0648
rs7075850	C	0.0382
rs58828818	G	0.0549
rs34203753	C	0.0468
rs115820513	T	-0.1132
rs11198112	T	-0.0334
rs11597083	T	-0.0408
rs6602798	C	0.0274
rs2137425	A	0.0897
rs11009684	T	-0.1293
rs75998251	A	-0.1445
rs11598011	T	0.1579
rs10885153	G	0.0453
rs477851	T	0.1366
rs11598565	G	-0.0229

rs744680	A	-0.0331
rs66526283	G	0.0956
rs76136820	A	-0.0603
rs11250955	G	0.0252
rs11599136	C	-0.0334
rs4313476	C	0.0265
rs75918060	A	-0.059
rs117713998	A	0.0586
rs142561255	G	-0.1083
rs4919508	C	0.0438
rs10733990	A	-0.0278
rs79501639	G	0.0768
rs111786141	G	0.0884
rs61871759	A	0.0881
rs142755663	G	-0.0741
rs17154488	C	0.1238
rs78837686	T	-0.0977
rs11814111	T	0.0289
rs61872814	A	-0.1046
rs2762630	G	-0.0267
rs72778707	T	-0.1515
rs74797466	G	-0.1044
rs7099743	A	0.0704
rs72800299	A	0.0277
rs12098433	C	-0.0353
rs74163103	G	0.0415
rs11258710	A	0.0236
rs147457846	T	-0.1266
rs11597567	G	0.0403
rs72827820	T	-0.03
rs17294284	A	-0.0531
rs117655607	C	0.1393
rs72817120	T	0.0639
rs10509404	T	-0.2333
rs117658697	G	0.0823
rs56088388	G	-0.0849
rs2998150	T	0.0342
rs745986	G	-0.0274
rs118163048	G	-0.1598
rs55834629	T	-0.0568
rs142912908	T	-0.1301
rs148428310	G	-0.1178
rs911770	A	-0.0282
rs41289343	A	-0.033
rs1338055	C	0.0304
rs115284912	T	0.1267
rs16912322	G	0.0863

rs7912066	T	0.0231
rs11185930	C	-0.0504
rs61864681	T	-0.1245
rs7091146	G	-0.0635
rs61678747	A	0.0617
rs117000475	A	0.1127
rs7907170	T	0.1386
rs7096732	A	0.0406
rs12247654	G	0.0452
rs61850372	C	-0.0602
rs116953792	T	-0.0727
rs4347315	T	0.1042
rs7903377	A	0.0259
rs149501333	T	-0.0854
rs4935530	G	0.0297
rs2182859	G	0.0277
rs2039032	C	-0.0359
rs12771540	C	-0.0328
rs77519778	A	-0.0887
rs12416510	A	-0.0296
rs3026708	C	0.0833
rs77349507	A	-0.0755
rs80217188	C	0.0974
rs141936426	G	0.105
rs146706804	T	-0.1589
rs10883595	C	-0.026
rs78312843	C	-0.103
rs142095230	C	0.1047
rs4934977	G	-0.0245
rs6584049	T	0.0232
rs10887372	G	-0.0241
rs112181830	T	0.152
rs10788585	C	-0.0233
rs74149568	T	0.1811
rs10788116	T	0.0251
rs11257061	G	0.0277
rs56022680	A	-0.1183
rs11812091	A	0.0432
rs10748861	T	0.0342
rs7919442	T	0.1823
rs10906214	A	-0.036
rs72778804	T	0.0366
rs2489389	A	-0.0492
rs4880221	C	-0.0327
rs56340524	G	-0.0785
rs147597799	G	-0.079
rs74485835	A	-0.0891

rs143073859	T	-0.0799
rs796076	G	-0.0288
rs79407012	A	-0.0561
rs3858304	A	0.0264
rs9423658	A	-0.0317
rs150295340	C	-0.1238
rs12779177	A	-0.0774
rs76988822	T	0.0766
rs112255166	T	0.1731
rs594701	T	-0.0539
rs71471245	G	-0.0842
rs143509576	A	-0.1257
rs74155842	C	0.0586
rs17330671	T	-0.1444
rs143869408	A	-0.1459
rs12770141	T	0.0387
rs117064900	A	0.1221
rs61856140	A	-0.0525
rs805709	A	0.0243
rs2818396	T	0.0488
rs10795660	A	0.0444
rs61865114	G	0.0318
rs11593936	T	-0.0704
rs140320258	A	0.0425
rs75175671	A	0.0944
rs10762697	G	0.0233
rs4596996	G	0.0227
rs7896740	C	0.0559
rs11187699	G	-0.1005
rs12781701	C	0.0334
rs10827312	A	0.0615
rs10994957	C	0.0998
rs115148500	T	-0.06
rs12257449	G	0.026
rs12356363	T	0.0369
rs66546375	G	-0.1043
rs12413983	T	-0.0666
rs112058766	A	-0.1473
rs10786054	T	-0.0507
rs74386455	T	0.0937
rs497007	T	-0.0674
rs10830106	A	-0.0231
rs7095794	C	0.0496
rs72801406	G	-0.0528
rs701863	C	0.0274
rs77255067	A	0.1004
rs142266931	A	0.1385

rs76838312	T	-0.1363
rs7096573	T	0.0817
rs10763596	A	0.0313
rs149099589	A	0.106
rs2211538	C	0.0294
rs3750777	C	0.0241
rs117780111	A	-0.1128
rs12359405	T	-0.0529
rs138004790	T	0.0548
rs41295057	G	-0.0546
rs61847272	T	-0.1213
rs7086761	A	0.1115
rs117206744	T	0.0914
rs34817967	G	0.0942
rs61837794	A	-0.1118
rs1418896	A	0.0806
rs3119568	T	0.0241
rs111925069	C	0.1241
rs2394791	A	-0.0514
rs146019523	C	-0.148
rs753121	T	0.0962
rs4078097	A	-0.0236
rs3814184	A	-0.0293
rs4747074	C	-0.0461
rs76714092	C	0.1636
rs72829242	C	0.0269
rs11596162	C	0.0249
rs1775559	A	0.0316
rs72839237	A	-0.034
rs117343383	T	0.0742
rs7922157	A	0.0508
rs11252102	G	-0.036
rs117363143	T	-0.0704
rs12245911	C	-0.024
rs12259680	A	-0.1284
rs1259590	C	-0.0241
rs6584312	C	0.028
rs72774582	A	0.0693
rs1915606	C	-0.0227
rs808279	T	0.0252
rs7904554	C	-0.0235
rs146776177	A	-0.1947
rs7100483	C	-0.0408
rs117890858	A	-0.0637
rs117704205	C	-0.1781
rs146516596	T	-0.1575
rs1475556	G	-0.0971

rs11197576	C	-0.0283
rs74507125	C	0.1204
rs2121538	G	0.024
rs12768377	T	0.0252
rs117656494	A	-0.1621
rs141012959	T	-0.1081
rs974012	C	-0.0297
rs72789787	A	-0.0338
rs79459101	A	0.0596
rs11008377	A	0.0824
rs61875286	C	0.0308
rs142840298	G	0.2188
rs148601570	A	-0.1498
rs75556860	C	-0.1173
rs9423228	A	-0.0422
rs34014569	G	-0.0878
rs144380919	T	0.1987
rs4746840	C	-0.0393
rs79340054	C	0.0904
rs1794414	C	0.0222
rs41308663	C	0.0798
rs5028276	G	0.0904
rs146294863	A	0.095
rs72763771	T	0.042
rs220335	G	-0.0245
rs72810942	G	0.0923
rs74867287	T	0.1308
rs78726987	A	0.1117
rs16920115	A	-0.1117
rs76111283	A	0.1154
rs11253246	T	-0.0576
rs72805171	A	-0.102
rs827329	A	-0.0272
rs2501571	T	0.0355
rs17393077	T	0.1186
rs7907613	T	-0.0227
rs2458689	G	0.032
rs353191	C	-0.025
rs34148401	A	-0.0832
rs141933934	T	0.1006
rs113869402	C	-0.1
rs7100154	C	0.0262
rs11018008	A	0.0229
rs112819911	A	0.172
rs1009543	G	-0.0242
rs9663421	T	-0.0255
rs79368837	G	-0.0873

rs671024	C	0.027
rs77150680	C	0.0961
rs12781139	A	0.0425
rs5008535	A	0.0512
rs72807395	G	-0.0835
rs10508291	G	0.0466
rs17155690	T	0.0672
rs56389707	G	0.0428
rs61859272	A	0.0563
rs10785943	T	0.0253
rs55659548	G	-0.0605
rs10764769	C	-0.0267
rs150980570	A	-0.0954
rs74139266	A	-0.0383
rs3758549	A	-0.0281
rs76252319	T	-0.2316
rs7081308	T	-0.0493
rs7909711	G	-0.0233
rs11814274	G	-0.058
rs11255225	G	-0.0283
rs72771596	A	0.1086
rs2646415	T	0.078
rs7097367	T	-0.0248
rs58534530	T	0.1352
rs117011462	T	0.1061
rs117601788	C	0.0786
rs12244411	C	-0.0366
rs1937851	A	-0.0386
rs10763837	T	-0.0231
rs7091367	T	0.0387
rs113517693	T	-0.1499
rs67082123	T	0.0434
rs11252664	A	-0.031
rs77952867	C	0.1073
rs12264839	A	-0.0771
rs75548567	T	-0.0779
rs118167991	A	-0.1174
rs10825357	T	0.0311
rs7912496	T	0.0339
rs76970907	G	0.052
rs7100354	G	0.087
rs74472826	C	0.1089
rs3125617	T	-0.0304
rs10885862	A	0.0295
rs10786225	G	0.0567
rs10430694	C	-0.0237
rs61749960	A	0.0285

rs142602430	A	-0.0941
rs7070819	G	-0.0494
rs2383995	A	-0.0653
rs7911503	G	0.0243
rs4745991	C	0.0229
rs12263941	A	0.0481
rs116961103	A	-0.1779
rs2505431	T	-0.0228
rs10509399	C	-0.0535
rs7921411	A	0.0475
rs76365825	T	0.1038
rs35882064	G	-0.0521
rs12220371	T	-0.0279
rs74126769	T	0.2017
rs149941421	T	0.1408
rs4935046	C	-0.0219
rs10995803	G	-0.055
rs11598552	C	0.0354
rs7913157	A	-0.03
rs893512	A	0.1233
rs41279942	T	-0.0983
rs117269431	T	-0.074
rs138452792	C	0.1133
rs667707	C	-0.0247
rs117349842	C	-0.0598
rs1886895	C	0.0231
rs139656593	T	-0.155
rs7082368	C	-0.0264
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rs114378562	G	-0.031
rs3013180	C	0.0275
rs2812529	T	-0.0283
rs10887601	G	-0.0225
rs117945134	T	-0.221
rs7080293	A	0.1631
rs74506454	T	0.0548
rs117872193	T	-0.1116
rs2441735	A	0.0233
rs150084675	T	0.1177
rs11002175	T	0.046
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rs141918288	T	-0.115
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rs11816252	G	-0.0381
rs143005444	C	0.1541
rs41287472	G	-0.1309
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rs75202291	G	0.0568
rs137906597	C	-0.1686
rs10905278	A	0.0624
rs11198028	G	-0.1157
rs141687605	T	-0.1941
rs117976398	C	-0.1704
rs574487	C	-0.0233
rs10886347	C	-0.04
rs55970227	C	-0.0466
rs11255016	A	0.0442
rs78581455	C	-0.0697
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rs7082680	A	0.0261
rs77722205	G	0.0557
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rs144406665	G	-0.1135
rs10825780	A	0.0307
rs10885398	G	0.0312
rs35541533	G	0.0829
rs7912117	T	0.0363
rs2127596	G	0.0862
rs75793179	T	-0.1134
rs701803	T	-0.0677
rs10904125	G	0.0292
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rs118074019	T	-0.0928
rs7909234	T	0.1207
rs59079404	T	0.0439
rs116976171	T	0.1311
rs11008826	T	0.0815
rs56098912	A	0.042
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rs4919141	G	-0.0275
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rs2249693	C	-0.0415
rs143310593	C	-0.1056
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rs74640132	A	0.0739
rs58334421	T	-0.042
rs77063625	G	0.0565
rs2820612	C	0.1407
rs10828717	A	0.0239
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rs35267372	C	0.024
rs67601813	G	-0.043
rs1243396	G	0.0229

rs12770130	T	0.1571
rs2431629	T	0.0394
rs117989165	A	0.1113
rs140405273	C	0.0964
rs1876324	G	0.0265
rs1133189	G	-0.0231
rs79708112	G	-0.0463
rs79932461	G	-0.0757
rs140049944	C	-0.1399
rs150847627	A	0.1306
rs111844758	A	0.1255
rs552066	G	0.033
rs7897036	C	0.0614
rs12264426	A	-0.0458
rs10903951	G	-0.0311
rs10998517	C	-0.0462
rs10884066	T	0.0252
rs55936526	A	-0.0277
rs117774982	A	-0.0826
rs2244172	A	-0.032
rs10047303	A	0.1471
rs61857570	C	-0.0551
rs11192628	G	0.0295
rs2120932	C	0.0464
rs76735861	C	-0.0691
rs56936588	C	0.0295
rs12776622	G	-0.0534
rs11591576	A	-0.0389
rs117685049	G	-0.1087
rs36011364	C	-0.1072
rs1997000	T	-0.0222
rs2236295	T	0.0229
rs141815656	C	-0.0571
rs11596259	A	-0.1061
rs79560952	T	0.1549
rs74667491	C	-0.088
rs116020030	G	-0.1055
rs73315862	T	0.0422
rs61881651	T	-0.0623
rs4310546	T	0.0399
rs117963870	T	-0.1596
rs12252027	T	0.0371
rs2209095	G	-0.0551
rs79453258	T	-0.1436
rs28552714	A	-0.029
rs4748958	T	-0.0331
rs34201032	T	-0.0279

rs139555180	G	-0.1557
rs12249060	T	-0.0289
rs74323412	C	0.0759
rs12775695	T	-0.0625
rs56360211	G	0.0795
rs1219860	G	-0.0316
rs41291358	A	0.024
rs143981707	G	-0.1959
rs78990342	A	-0.1653
rs1219531	T	-0.0253
rs117126696	A	-0.1018
rs41288000	A	0.0913
rs12571814	G	0.0886
rs715835	T	0.0307
rs80329455	T	0.0734
rs35281099	T	0.0344
rs4934454	A	-0.024
rs78027532	T	0.1346
rs61836665	C	-0.0721
rs7078522	A	0.0876
rs143760724	A	0.148
rs112252058	A	0.1488
rs72811493	C	0.1177
rs76428404	G	-0.1183
rs61864510	G	-0.0228
rs141341351	A	0.0802
rs12265861	T	-0.0271
rs117569363	G	0.1029
rs117321461	C	0.1122
rs79008838	C	0.116
rs61190999	T	-0.0443
rs61862003	T	0.0645
rs141742223	T	0.1686
rs996359	T	0.0289
rs10885412	A	0.0325
rs12359826	T	-0.0508
rs150366279	T	0.0715
rs1660997	C	0.023
rs138369249	T	-0.1111
rs10823697	C	-0.1316
rs76537398	T	-0.1
rs11002924	A	-0.0264
rs118011456	A	-0.0694
rs10510028	C	0.0382
rs73268556	G	0.0298
rs36051028	T	-0.0502
rs61859874	C	0.1282

rs73322773	A	-0.0388
rs7904183	T	-0.0286
rs11250775	C	-0.0395
rs148010840	A	-0.0865
rs78054301	T	0.0308
rs10904598	C	-0.0391
rs11101132	A	0.0414
rs117265392	G	-0.2118
rs10885073	G	0.0551
rs2768469	A	-0.0245
rs61838364	A	-0.0385
rs4935116	A	0.029
rs10828206	T	0.0321
rs76693237	A	0.0886
rs10994972	C	-0.1231
rs118172472	T	-0.1035
rs593302	C	-0.0448
rs7079286	G	-0.034
rs10901827	G	-0.0324
rs7896220	G	0.0249
rs2211200	C	-0.0357
rs569910	T	-0.0285
rs2542617	A	-0.0228
rs12256944	T	-0.0366
rs788054	T	-0.0359
rs61886179	A	0.0622
rs11594117	A	0.0284
rs11017133	T	0.0251
rs2853764	G	-0.0348
rs148466730	A	-0.179
rs2497806	T	-0.0231
rs77405585	G	0.1133
rs12267151	A	0.0447
rs7097002	A	-0.0672
rs2147743	G	0.0229
rs7910394	C	-0.0384
rs77001515	A	0.121
rs76895669	T	-0.0466
rs12251595	G	0.0413
rs10996350	T	-0.0277
rs7896699	T	0.0258
rs1408816	C	0.0397
rs35805975	A	0.0734
rs11003355	A	0.0333
rs11195145	C	-0.2066
rs148527100	C	0.0705
rs74940533	T	0.1762

rs72802725	T	0.0611
rs7098796	G	-0.0272
rs10796039	T	0.0294
rs78106675	C	-0.0455
rs1248977	A	-0.041
rs11002613	G	0.0316
rs2250040	C	0.0465
rs4375352	T	-0.0256
rs145087594	G	0.0987
rs12256545	T	0.0689
rs4146986	C	0.1358
rs4362074	C	-0.0467
rs72817938	T	0.0458
rs77000635	G	0.1266
rs75522111	G	0.0956
rs113481021	A	0.1044
rs149784949	A	0.1389
rs1152661	C	0.0236
rs11245018	T	-0.0991
rs146440143	G	0.134
rs116914623	C	-0.1282
rs4748510	A	0.0422
rs6585276	C	-0.045
rs61861263	T	-0.106
rs140212798	G	-0.1313
rs72845518	T	0.1124
rs117376733	C	0.0779
rs4917782	C	-0.0629
rs45568534	C	-0.1187
rs12262149	T	0.0253
rs17680014	T	0.115
rs7896345	G	-0.0257
rs72795989	T	-0.1714
rs75230436	C	0.1201
rs12217221	T	-0.0263
rs7094354	C	0.1266
rs12244218	T	-0.0335
rs116954407	C	0.1185
rs11256316	G	-0.0412
rs117622348	C	0.1011
rs4918496	A	0.0663
rs72804888	A	0.0818
rs117127972	G	-0.1439
rs150379236	A	0.1783
rs117454202	T	-0.0842
rs75318090	T	-0.0528
rs77516404	T	0.0648

rs60743622	C	-0.0732
rs35956668	T	0.0723
rs149009264	G	-0.1687
rs10508221	A	0.0386
rs3824710	T	0.0786
rs11004800	C	-0.0251
rs7075347	T	0.0482
rs12246720	A	-0.0282
rs112548539	A	-0.05
rs72831468	G	0.0458
rs111248575	A	0.165
rs12776010	G	0.0632
rs2816838	T	-0.0304
rs34413293	C	0.0952
rs9783145	C	-0.0233
rs7092908	G	0.0769
rs77610180	G	-0.0797
rs117684661	A	-0.0953
rs118019829	G	-0.1266
rs359304	A	-0.0375
rs141984722	G	0.1485
rs11199825	A	-0.1144
rs17610275	G	0.0464
rs10437479	T	0.1024
rs11596266	C	-0.0289
rs17608196	T	-0.04
rs7073331	T	0.023
rs35901205	G	0.1066
rs61871136	A	-0.1631
rs116925738	T	-0.1133
rs4979997	C	-0.0531
rs117892250	T	0.0872
rs3005196	C	-0.0432
rs117120818	A	0.11
rs1915650	T	0.0265
rs12262693	C	-0.0361
rs61830555	T	0.031
rs1133654	T	-0.0239
rs10994615	G	-0.0379
rs363294	T	0.0472
rs1312878	C	-0.0326
rs9663664	A	-0.1312
rs11186149	C	-0.0407
rs145452121	A	0.0774
rs11255494	C	-0.0418
rs61851186	T	-0.0882
rs148426939	T	-0.0956

rs8177607	C	0.0356
rs117384165	A	0.1006
rs61869494	C	-0.0386
rs1016151	A	0.0357
rs11009356	C	0.0295
rs77805203	G	-0.098
rs12356492	C	-0.0635
rs3954173	A	-0.0249
rs79361819	G	0.0412
rs7899742	C	-0.0239
rs10905722	T	0.0266
rs148426142	A	0.2004
rs10999289	A	0.0246
rs144373386	A	0.0987
rs11597363	G	0.057
rs78227460	A	0.05
rs35606930	G	0.0433
rs7070370	C	0.0695
rs76986874	A	-0.1284
rs2998058	G	0.0227
rs79478455	T	-0.1165
rs7922293	C	-0.0222
rs303468	C	0.0449
rs884646	C	-0.0337
rs1750796	A	0.0324
rs113231662	C	0.1435
rs1936624	C	-0.092
rs12356102	A	-0.0823
rs143625934	T	-0.0776
rs10906852	T	0.0259
rs76473447	T	0.1046
rs10437464	G	-0.025
rs118056081	A	-0.1293
rs1630777	A	-0.1756
rs11200559	T	0.0291
rs72863805	A	0.1594
rs144683018	G	0.1408
rs7069887	C	0.0323
rs870390	C	-0.0288
rs71474242	A	0.0381
rs2904797	G	-0.0233
rs4838533	C	-0.0244
rs112240959	T	-0.0689
rs72791225	T	-0.1306
rs72787326	C	0.0489
rs61847368	T	0.0505
rs17767748	T	0.0428

rs41289275	T	0.0973
rs12359509	T	0.0318
rs145589376	A	0.1165
rs72784465	A	0.0955
rs117427570	T	0.1069
rs77499339	T	-0.0315
rs10997934	A	-0.0263
rs117775078	G	0.0639
rs10906870	T	0.0339
rs1219528	T	-0.0558
rs7893781	G	-0.0249
rs12573451	G	0.0698
rs12770549	T	-0.0515
rs2935695	A	0.0296
rs10996181	C	-0.1137
rs76009868	A	-0.1406
rs6599671	A	0.0279
rs7077264	A	0.0216
rs72791650	G	0.1361
rs2763355	G	0.0438
rs117374812	T	-0.0948
rs3740437	A	0.0282
rs117093993	T	-0.1047
rs10510018	T	0.0728
rs7907272	T	0.1667
rs72826640	A	-0.043
rs148990920	T	0.1323
rs150476990	G	0.0428
rs111234578	T	0.0602
rs697245	A	-0.048
rs10752030	T	0.0231
rs78060993	T	0.1109
rs72818300	A	-0.0439
rs78298791	A	0.1039
rs1270874	A	-0.025
rs34378235	T	-0.0531
rs117893292	C	-0.103
rs11596872	A	0.0284
rs941852	G	0.0295
rs10509043	C	-0.031
rs4881482	C	0.0582
rs76538879	C	0.0695
rs17715191	G	-0.052
rs112277959	G	-0.0375
rs11187267	A	0.1306
rs17099753	C	-0.0715
rs117359250	C	-0.0801

rs80073262	C	-0.0895
rs12778715	A	-0.0218
rs147200392	G	-0.1463
rs117403577	A	0.1088
rs657293	T	0.0622
rs2171304	C	-0.0301
rs11239252	C	0.0258
rs662166	G	-0.0218
rs11201891	T	-0.0624
rs11592706	T	0.1241
rs73587799	A	-0.0355
rs72790198	C	-0.0484
rs1912313	A	-0.0833
rs2420681	T	0.0256
rs150800001	A	0.1249
rs12767012	A	-0.0699
rs10510108	G	0.1081
rs79242999	A	0.0766
rs10887793	T	0.0218
rs10794989	G	-0.0224
rs72789720	G	0.1226
rs1649987	G	0.0297
rs112149712	G	0.0681
rs2765989	A	0.0314
rs7918490	T	-0.0721
rs139216929	C	0.0659
rs10826804	T	-0.0232
rs147195662	C	-0.0994
rs55950087	A	0.0796
rs79155167	A	0.103
rs117881343	G	0.1345
rs112100165	C	0.0342
rs78579101	T	0.0405
rs144974214	C	-0.146
rs17381430	C	0.0598
rs147472310	A	-0.1642
rs34489821	A	-0.0274
rs7895288	G	-0.0249
rs2243548	C	0.0227
rs12780500	C	-0.0258
rs2271689	G	0.0277
rs17112021	G	0.0287
rs17097082	A	-0.0236
rs12356891	T	-0.0755
rs2377902	G	0.0215
rs61015767	T	-0.0747
rs1200909	T	0.0272

rs117166715	T	-0.132
rs61835105	G	-0.0467
rs151333556	T	0.0584
rs9415377	A	-0.0244
rs113709039	A	-0.1426
rs9421387	C	-0.0262
rs2579674	C	0.0352
rs12357334	G	-0.0246
rs16925383	C	-0.0531
rs7908417	T	0.0354
rs12779534	C	-0.0216
rs2912760	T	-0.0255
rs115515123	T	-0.0877
rs4282897	G	-0.0543
rs10821614	T	0.0472
rs112772757	A	0.0467
rs73248871	C	0.0747
rs144692395	C	-0.1118
rs2622434	C	0.0349
rs1331328	A	0.0298
rs10827533	C	-0.0296
rs149360790	T	0.1498
rs1936840	C	0.031
rs79787088	G	0.0876
rs2478829	A	0.0213
rs75645449	C	0.1125
rs7072493	A	-0.03
rs10829638	A	0.0399
rs55988901	A	-0.0665
rs76360653	G	0.1971
rs1917146	A	-0.0387
rs10901832	G	-0.0334
rs4880243	A	0.0368
rs1757476	G	0.0232
rs76180097	A	0.0921
rs150066446	A	-0.0875
rs150862362	C	-0.0769
rs79407883	T	0.1318
rs12264121	G	-0.0647
rs1830807	A	0.0738
rs112978925	C	-0.0849
rs35494924	C	0.0267
rs1004004	C	-0.0222
rs79063212	A	0.0733
rs10995907	G	0.0428
rs2260125	C	0.0271
rs138992213	G	-0.0884

rs140247309	T	-0.0905
rs138089801	C	0.1209
rs143846626	T	0.0891
rs816623	C	-0.0503
rs2490515	A	0.0426
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rs61854437	A	-0.0398
rs140637823	T	0.1496
rs12413276	A	-0.0293
rs116688761	G	0.0572
rs17128533	T	0.1301
rs2901115	C	0.031
rs28623342	G	0.0402
rs11101503	T	-0.0605
rs143053446	A	-0.1323
rs17149675	A	-0.0557
rs9804356	T	-0.0255
rs7079137	T	0.0275
rs35961871	C	-0.1118
rs77766729	G	0.0341
rs118059178	A	-0.0526
rs6481773	T	0.0265
rs12416017	T	-0.0556
rs61862122	G	-0.099
rs2607825	G	-0.0236
rs77805137	C	0.1512
rs12218175	A	-0.1156
rs80342607	A	-0.046
rs1775908	C	-0.0238
rs7070042	C	0.0256
rs150073994	A	0.1117
rs2221422	C	-0.0242
rs17678706	A	0.0425
rs10904307	C	-0.0673
rs7919481	C	-0.0332
rs76799284	G	-0.0808
rs140290857	G	0.1205
rs10904797	C	0.0285
rs58726672	T	0.0811
rs11186609	A	0.0364
rs7068744	C	0.0463
rs150669290	G	0.1486
rs143730175	A	-0.076
rs111322121	T	-0.1324
rs12570459	G	0.0326
rs12780731	T	0.0367
rs78859547	G	-0.0911

rs7919144	G	0.0266
rs78617290	G	0.1001
rs10822494	A	-0.0253
rs2674331	G	-0.0231
rs1866308	C	0.0575
rs73345560	A	-0.0273
rs138199843	A	0.1269
rs868390	A	0.0369
rs55664470	A	-0.0515
rs17296505	T	-0.1329
rs7100563	G	0.0297
rs75867880	A	-0.1569
rs999993	C	0.0243
rs471869	T	0.1921
rs4918661	C	0.0773
rs2995251	T	-0.0272
rs7070187	G	-0.0219
rs139252314	A	0.0648
rs10905286	T	-0.0307
rs10995853	G	-0.138
rs7082854	T	-0.0233
rs117650774	C	0.0952
rs12772804	T	0.0228
rs150316602	T	0.076
rs915156	G	-0.0348
rs11186217	G	0.0798
rs2476984	T	-0.0316
rs7915867	G	0.0355
rs1252031	T	-0.0306
rs79602520	G	-0.1053
rs116941049	C	0.0941
rs117298992	G	0.1013
rs150978029	A	-0.1524
rs11572180	A	-0.0695
rs1330001	C	-0.0275
rs6560783	T	-0.0294
rs1555489	C	-0.0218
rs10508469	C	-0.0351
rs78512518	C	-0.0464
rs72826564	A	-0.0843
rs34651189	C	-0.0857
rs60140501	C	-0.0241
rs146213821	T	0.1058
rs2936542	A	-0.0422
rs149375009	T	0.1115
rs1000251	T	0.0277
rs6584836	G	0.0257

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rs7915144	T	-0.0291
rs11189713	T	-0.1384
rs7079070	A	0.0223
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rs117557962	G	-0.1189
rs149766826	A	0.1667
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rs10885312	A	-0.081
rs10828949	C	0.0305
rs111390063	T	0.09
rs12769899	A	-0.0713
rs12415149	A	0.0212
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rs7077593	C	0.0578
rs72826311	A	-0.1495
rs2813381	A	0.0263
rs150854921	A	-0.1112
rs17123423	C	0.0531
rs313500	T	-0.0301
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rs56125289	T	0.1508
rs4752338	T	-0.0483
rs11248240	A	0.0453
rs77544640	A	0.1161
rs10828658	A	0.024
rs116792212	T	0.0928
rs34698019	T	-0.0309
rs79194442	A	-0.0493
rs7071876	A	-0.036
rs1576441	A	-0.0225
rs143084446	A	0.1544
rs4980186	A	0.0976
rs117214784	C	-0.1295
rs2211397	T	0.0369
rs7093793	T	0.0426
rs117534923	T	0.0579
rs4751939	G	-0.0209
rs11006200	A	-0.0267
rs147095385	T	0.1789
rs10787224	C	-0.0221
rs766532	T	-0.0286
rs3006773	C	0.0335
rs145555904	G	0.0857
rs72770541	A	0.0967
rs7098890	T	-0.0429

rs10994958	G	-0.0332
rs1764072	G	0.0332
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rs55923699	A	-0.0244
rs12356774	T	-0.1181
rs17600621	G	-0.1143
rs74665472	A	0.1204
rs78156552	T	-0.1197
rs113459553	T	-0.0944
rs143558968	T	-0.1014
rs111356081	A	0.1035
rs150496555	T	0.104
rs75894772	A	-0.1479
rs34650146	C	0.0868
rs41398148	A	0.0837
rs75256201	T	0.1113
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rs1684538	T	-0.0239
rs77713165	C	0.0722
rs8181413	T	-0.0333
rs11251199	A	-0.062
rs116942575	C	0.0729
rs1658322	G	-0.0245
rs111465954	A	0.0864
rs10886212	C	0.0393
rs7070203	T	0.0816
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rs17121011	T	-0.152
rs10886110	A	-0.0244
rs7080389	A	-0.1056
rs708433	C	0.0322
rs141648900	G	0.0626
rs2894317	G	0.0228
rs59262477	A	-0.0512
rs718949	G	0.0263
rs148106839	G	0.0736
rs74542441	G	0.0622
rs10824778	C	-0.0324
rs34513262	A	-0.131
rs144267777	C	-0.13
rs2918100	T	0.024
rs148628052	C	-0.1324
rs112930549	A	-0.0371
rs3847346	C	-0.0253
rs141996973	T	-0.0652

rs4948915	A	0.0593
rs116237765	C	0.1399
rs10794962	T	-0.0239
rs766949	A	-0.082
rs10508481	G	-0.0297
rs10508478	G	-0.0239
rs28718925	T	0.0214
rs12261036	G	-0.0588
rs144476724	G	0.1278
rs2126772	A	0.0493
rs74327201	C	0.1307
rs117928693	C	-0.0833
rs75360565	A	-0.1373
rs1194692	T	0.0244
rs7917527	C	0.0797
rs80109682	G	-0.0698
rs4344426	A	-0.0685
rs7899270	C	-0.023
rs12784071	T	0.027
rs4750932	A	-0.0393
rs138220763	G	0.1441
rs111760466	C	0.0559
rs138258992	G	-0.1051
rs61866596	C	-0.0454
rs1324228	G	-0.0249
rs118104693	C	0.1334
rs150814676	G	0.113
rs74127180	A	0.0438
rs147554527	C	0.096
rs7100400	G	-0.045
rs17101163	C	0.0516
rs881726	C	-0.025
rs1870416	C	-0.0253
rs147688097	T	-0.0914
rs118172835	A	0.1648
rs75587890	A	0.1809
rs35720089	G	-0.0507
rs113691635	A	-0.0531
rs72769985	G	0.137
rs77023352	T	0.1076
rs117708848	T	-0.0863
rs72768279	A	-0.0771
rs142690444	A	-0.041
rs111958847	T	-0.0546
rs139443003	C	0.0854
rs112288692	C	0.0739
rs7086131	T	0.0741

rs17106322	T	0.0547
rs114863326	C	0.0298
rs11596132	G	-0.0413
rs117875392	A	-0.1854
rs113093091	G	-0.1039
rs61860538	G	-0.1561
rs111605732	G	-0.0764
rs7073511	A	0.0742
rs7899140	G	-0.0262
rs61855296	A	-0.0382
rs17880383	A	-0.0458
rs72839269	T	-0.0857
rs7078706	T	0.0239
rs117560611	C	0.1784
rs2797885	A	-0.0589
rs117401822	G	-0.1022
rs12260056	G	0.0646
rs74772559	A	-0.093
rs11256991	G	0.0278
rs1901663	T	0.0216
rs12415135	G	-0.0498
rs7918632	C	0.0796
rs7917231	T	0.0321
rs12771002	A	0.0307
rs75476599	T	0.0325
rs11017971	T	0.1088
rs17465759	C	0.0442
rs17595268	C	-0.0697
rs626114	A	0.1348
rs139141717	C	0.111
rs79561109	A	0.127
rs73267649	A	0.0367
rs188572	A	-0.071
rs4750820	G	0.0311
rs12777926	T	-0.0256
rs7077284	G	0.0239
rs17351977	A	-0.0817
rs11593493	A	0.1424
rs10776668	A	-0.0225
rs118033845	A	-0.0805
rs77087051	A	-0.0568
rs117853866	A	0.063
rs77138744	G	-0.1178
rs10902814	A	-0.0275
rs7910134	C	0.0427
rs59140405	A	0.0705
rs57710970	C	-0.1356

rs34658597	T	0.0645
rs2918132	C	0.0311
rs77053471	A	-0.0428
rs10906317	C	-0.0391
rs55793716	T	-0.1215
rs12762427	C	0.0435
rs72767677	T	0.0396
rs7088526	T	0.0248
rs61393415	C	-0.0296
rs144927387	T	0.0806
rs58580722	A	0.1078
rs13376900	C	0.0278
rs10795966	A	-0.0222
rs7920618	G	-0.022
rs71486665	T	-0.0347
rs7922093	G	-0.0293
rs71474233	G	0.0307
rs2270552	C	-0.0233
rs1665646	C	-0.0239
rs12782743	T	-0.0694
rs117824639	T	-0.0681
rs11010725	C	-0.0224
rs16936932	C	-0.0778
rs12266381	C	-0.0244
rs76162660	T	-0.1307
rs17195022	T	0.0269
rs78538269	A	0.0435
rs35389736	G	-0.1257
rs72796541	T	0.0281
rs118029084	A	0.0777
rs146548505	G	0.0876
rs76795908	T	-0.0509
rs34855475	T	0.0447
rs113478922	G	0.0895
rs113235714	T	0.116
rs117006567	G	0.1176
rs112348350	A	0.1705
rs17157014	T	0.0858
rs112981195	A	-0.0367
rs72782176	G	-0.0675
rs146905264	A	-0.104
rs74158065	G	-0.0901
rs76929657	T	0.0387
rs76723159	T	-0.0781
rs691660	G	-0.0377
rs72853110	T	-0.1589
rs76094285	A	0.0651

rs2578076	G	0.0921
rs1923559	A	-0.0281
rs78134605	G	-0.0835
rs80243082	A	0.1225
rs76529305	T	0.0675
rs12572690	G	-0.045
rs143788922	T	-0.0644
rs16928239	A	0.0406
rs143630088	C	-0.1096
rs75911894	C	-0.0444
rs28587850	A	-0.0222
rs6584557	G	0.0297
rs78256379	G	0.0827
rs4751107	T	-0.0236
rs17148786	T	-0.024
rs789760	A	-0.0257
rs11016442	C	0.0337
rs79618383	C	0.0916
rs75507618	T	-0.1595
rs2935649	C	-0.0222
rs61842277	G	-0.1623
rs117909585	T	0.1115
rs10999339	C	-0.0359
rs72828315	G	0.0663
rs835278	T	-0.1044
rs7911895	C	0.0214
rs7094997	G	0.0211
rs117161104	A	-0.1324
rs7907191	G	0.0253
rs117334775	T	0.0815
rs118151694	T	0.1247
rs11245044	C	0.0355
rs11009311	A	0.0277
rs146711898	A	-0.1119
rs72818986	T	0.0645
rs665291	A	-0.0516
rs76274373	G	0.1052
rs59014059	C	-0.1088
rs34628335	T	0.0724
rs138165062	T	-0.1294
rs16905674	T	-0.043
rs11002845	T	-0.1104
rs56312442	A	-0.1612
rs11255005	A	0.0558
rs11012827	G	0.0985
rs181498	A	-0.0271
rs41336047	T	0.0551

rs72785494	T	-0.0217
rs72805146	C	0.037
rs7920318	A	0.0451
rs61873079	T	-0.0935
rs76704824	T	0.0614
rs7920253	C	0.0389
rs10795496	G	-0.0287
rs1870959	T	-0.0524
rs16932732	A	-0.1201
rs4468256	T	-0.1616
rs239867	A	0.1206
rs72801336	T	-0.1027
rs1796718	T	-0.0327
rs142190248	G	-0.0912
rs2292366	A	-0.1132
rs61851615	C	-0.0594
rs7918908	A	-0.0784
rs77810325	T	0.0828
rs3006265	A	0.0466
rs11005990	C	-0.0245
rs141638481	C	-0.1523
rs7071700	T	-0.0343
rs71471223	C	-0.1151
rs78383965	T	-0.0596
rs140812613	T	0.0968
rs80289956	A	-0.114
rs61753077	A	0.0583
rs11015203	A	0.0387
rs11015470	G	0.042
rs942789	A	0.0247
rs12253230	A	-0.0362
rs144483650	C	-0.0971
rs11196366	T	0.0296
rs112761104	A	0.1169
rs118159778	T	0.1155
rs150071630	T	0.1068
rs12241456	T	0.0376
rs11256461	G	0.0666
rs146270446	T	0.1222
rs12766963	T	0.0744
rs111424536	C	-0.043
rs146075765	A	-0.1068
rs6421376	T	0.023
rs72848757	A	-0.0249
rs1409339	G	-0.0209
rs11592309	A	0.0315
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rs60858493	G	-0.087
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rs34938564	G	-0.0263
rs7896800	C	0.0213
rs3750640	G	0.0224
rs12777629	T	-0.0393
rs11257482	G	-0.0217
rs10737027	T	0.022
rs73561457	A	-0.0623
rs138358400	C	0.0265
rs4545501	A	0.0312
rs111479962	C	0.0673
rs2785264	T	-0.0231
rs12769037	C	0.0232
rs11004668	G	0.0773
rs1063119	T	-0.0382
rs142463040	T	0.1361
rs35661955	C	0.0318
rs74896326	G	0.0675
rs11244439	A	0.0471
rs12779311	C	-0.058
rs2815550	C	-0.026
rs11815025	T	0.0447
rs77033240	A	0.0709
rs60663284	C	0.1353
rs12257368	C	0.0491
rs11257978	A	0.1361
rs72831279	A	-0.0432
rs72844582	T	-0.0363
rs4880548	G	0.0234
rs140531157	T	0.1386
rs116969380	T	0.1033
rs12416025	A	-0.119
rs78372980	A	0.0769
rs2463952	C	-0.047
rs75325583	C	0.0415
rs12355914	T	0.0339
rs145530097	C	-0.1143
rs75424700	T	-0.0669
rs7904520	T	0.023
rs113506213	A	0.048
rs158391	T	-0.0229
rs72810290	A	0.0457
rs3793770	T	-0.0213
rs7098622	T	-0.0284
rs76622429	C	-0.07
rs80255185	T	-0.0657

rs9783276	T	0.0701
rs117021151	T	0.0935
rs139976905	G	0.0925
rs17734465	C	0.0341
rs11244953	A	0.0996
rs7097775	G	0.0213
rs7920635	C	-0.0262
rs61854095	T	0.0938
rs11599660	G	0.0782
rs77115387	C	-0.101
rs2169670	T	-0.0224
rs117884824	T	-0.0769
rs144911456	T	0.1094
rs11259772	G	-0.0276
rs7096635	C	0.0249
rs2683553	C	0.024
rs3136622	C	0.055
rs534358	T	0.0209
rs113393516	T	-0.106
rs2357286	C	-0.021
rs10827305	C	-0.0287
rs72766727	G	-0.1054
rs150315080	T	-0.1048
rs9339321	G	-0.0461
rs72816684	A	-0.0684
rs7915078	A	0.0261
rs11594499	A	-0.0214
rs7098863	G	0.0756
rs11002669	T	-0.0311
rs2259185	T	0.0316
rs11016575	G	-0.0267
rs146594357	A	-0.0914
rs7093608	G	0.0209
rs79667683	C	0.0991
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rs4359111	G	-0.0699
rs75525457	T	0.1371
rs79242541	C	-0.0983
rs3006540	T	0.0213
rs2588948	A	0.0229
rs12413923	T	-0.1387
rs7100940	G	0.0216
rs79841923	A	0.1
rs1113253	A	0.0388
rs74912000	A	-0.0262
rs72778845	T	-0.0536
rs3780893	A	-0.0292

rs35272869	T	-0.123
rs2500954	A	-0.0362
rs11017803	T	0.0674
rs72834725	T	-0.075
rs55877617	G	-0.0341
rs12356313	T	0.0308
rs12777780	G	-0.027
rs72832300	T	-0.1222
rs12220307	T	0.0303
rs12244897	T	-0.0357
rs2980709	A	0.0259
rs2863761	A	-0.0467
rs59640127	A	0.0364
rs75868614	T	-0.0743
rs10825792	A	0.0265
rs17099338	T	0.0479
rs17138783	C	0.097
rs149646626	T	0.1155
rs621681	T	-0.0271
rs75116828	C	0.1018
rs7906815	G	-0.0319
rs7912575	G	0.1084
rs17781278	A	-0.0393
rs1904623	G	0.0648
rs11197517	G	0.0288
rs11013460	T	0.0444
rs16937008	C	-0.1693
rs117271240	T	0.1862
rs117481478	T	0.1137
rs4244302	T	0.0239
rs59359619	G	-0.0652
rs117457782	C	0.07
rs2440118	T	0.0265
rs72781580	T	0.058
rs75334053	A	-0.0618
rs2588964	A	-0.0203
rs11595659	A	0.0567
rs74485927	A	-0.0991
rs61871596	C	-0.0287
rs2147290	T	-0.0217
rs79270546	C	0.0666
rs117563776	T	0.111
rs114847812	A	0.098
rs140372518	C	0.192
rs137995641	A	0.1319
rs827306	A	-0.0222
rs140060053	G	0.0795

rs2842131	C	0.0229
rs137917700	T	-0.1554
rs139791603	T	-0.1399
rs112942339	A	0.0884
rs77546156	G	0.0993
rs2352173	C	0.0261
rs146588019	T	-0.1152
rs12415781	G	-0.0466
rs34943876	A	-0.1534
rs11192924	A	0.1046
rs17183358	A	-0.0804
rs1762024	T	0.0224
rs149202635	T	0.185
rs144572792	C	-0.1187
rs114821576	T	0.1537
rs16930542	T	0.0761
rs11591508	T	0.0409
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rs75804911	A	0.0656
rs41282878	G	-0.0361
rs7071839	T	-0.021
rs76821205	A	-0.1112
rs117587034	T	-0.0866
rs6599695	C	0.0206
rs61876582	A	0.0866
rs955921	G	0.0338
rs2077871	G	-0.0213
rs61868502	C	-0.0576
rs10509714	A	0.0355
rs80210687	T	0.082
rs1337429	T	-0.0347
rs140364123	A	0.139
rs113514785	T	0.1189
rs117038163	A	-0.178
rs2660072	G	0.063
rs139761415	T	-0.1622
rs61861166	T	0.0368
rs1911399	T	0.0227
rs117046105	T	-0.0286
rs11101447	A	0.0303
rs11253829	G	-0.0224
rs72799624	G	-0.1084
rs10508965	A	-0.0635
rs11816879	G	-0.046
rs7915163	G	-0.0293
rs11595450	C	-0.0325
rs853600	C	0.0204

rs11198373	G	0.0283
rs118023768	T	-0.0732
rs552551	C	0.0266
rs3847419	A	0.0633
rs71493366	T	0.0893
rs17567668	A	0.117
rs72820004	A	-0.0423
rs2477534	C	-0.0227
rs75724004	G	-0.091
rs10491076	A	-0.0275
rs118090116	G	0.1337
rs113921369	A	0.0681
rs12782349	A	-0.0206
rs4918282	A	0.022
rs35794497	T	-0.0339
rs72658784	T	0.0975
rs1819810	C	-0.0214
rs11244969	C	-0.021
rs116985487	T	0.1039
rs11002518	A	-0.0281
rs12266909	C	-0.0341
rs4501934	C	-0.0559
rs117741078	G	-0.0588
rs2616622	A	0.0242
rs145687148	T	-0.1148
rs11016262	T	-0.0394
rs75229029	G	-0.0445
rs74580411	C	0.1248
rs11239274	T	0.0215
rs10822590	A	0.0572
rs11189916	A	0.0693
rs138266697	A	-0.0936
rs6602768	A	-0.0365
rs113259477	T	0.0677
rs2288839	T	0.0242
rs17103138	C	-0.0392
rs11813407	G	-0.0304
rs11014455	A	-0.0659
rs2394156	A	-0.0257
rs2279523	T	0.0713
rs34754707	A	0.0363
rs11251612	T	-0.0766
rs2804137	G	-0.0204
rs4372322	A	0.038
rs2224077	T	0.079
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rs149192904	T	0.1496

rs77265037	T	0.1354
rs7082134	A	-0.0213
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rs61852765	T	0.0245
rs113459884	T	0.0631
rs2028054	A	0.0443
rs3118154	A	-0.0255
rs7918242	C	-0.0214
rs77070234	C	-0.1095
rs61858609	T	-0.0211
rs79664939	A	0.0782
rs4746540	A	-0.0596
rs116893761	A	-0.1725
rs117650662	C	0.0492
rs140889282	G	0.1042
rs224051	A	-0.1247
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rs138912694	T	-0.1304
rs10905716	T	0.0248
rs61864538	G	0.0405
rs55869454	G	0.0818
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rs12415550	G	0.1094
rs77374060	T	0.0634
rs11015619	A	0.0411
rs7086260	T	0.0214
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rs6602265	A	0.0202
rs10906276	G	0.0305
rs1765162	G	0.0217
rs7922131	A	0.0719
rs17875473	T	0.0411
rs111863012	A	-0.0626
rs146197913	C	-0.075
rs1325497	A	0.042
rs146430344	G	-0.1198
rs10906716	C	0.0231
rs61210418	A	0.0743
rs141361941	A	0.2045
rs61863172	C	-0.0295
rs2961619	T	-0.03
rs7093589	C	-0.0534
rs113979492	G	0.1516
rs11598699	A	-0.0352
rs36098862	A	0.0573

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rs148589605	G	-0.1378
rs16930653	T	-0.029
rs16912172	G	-0.1136
rs142912612	C	-0.1804
rs117003718	A	-0.1255
rs17644754	G	-0.0245
rs2900993	G	0.035
rs181604	C	-0.0413
rs117276684	T	-0.0586
rs2495775	G	-0.0479
rs111661111	T	0.0684
rs145970807	A	-0.0422
rs77586109	C	0.0319
rs1655630	A	0.0272
rs12261881	A	-0.0372
rs4933380	T	0.0575
rs1926202	C	0.0276
rs17585124	A	-0.0757
rs11259073	T	-0.0209
rs11238614	A	-0.0676
rs12251212	A	0.0427
rs2902446	T	-0.0747
rs1876317	C	0.0208
rs11594385	A	0.0738
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rs114116720	G	0.0298
rs80016702	G	0.1084
rs115569596	C	0.0691
rs111753655	G	0.0901
rs7097615	A	0.0263
rs72811353	G	0.0877
rs149851503	A	0.0965
rs61870790	G	0.1052
rs117308243	C	0.1099
rs75250578	C	-0.0867
rs1316687	T	-0.0228
rs116874866	C	-0.1008
rs17157531	A	-0.0898
rs10159565	T	0.0451
rs118118199	T	-0.0706
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rs140595854	A	0.0586
rs17400195	C	-0.0847
rs145004206	C	0.0983

rs56314234	T	0.1003
rs10999904	A	-0.033
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rs72784760	C	-0.026
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rs142131631	A	0.0794
rs72869303	A	0.0608
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rs7090543	A	-0.0263
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rs11004575	C	-0.0213
rs12415187	T	-0.0263
rs9325599	T	0.0241
rs12415926	T	-0.0505
rs7475111	A	-0.0332
rs34668416	T	-0.0508
rs117575321	A	-0.1465
rs1255496	G	0.0212
rs117673567	T	0.0659
rs2255684	T	0.021
rs12776076	G	-0.0452
rs11014084	G	-0.0254
rs12356589	C	-0.0458
rs75160456	A	0.1336
rs12257267	T	-0.0857
rs12773458	G	-0.1029
rs61844620	T	-0.0344
rs17148534	G	0.0541
rs2442899	G	-0.0258
rs111591092	C	0.0766
rs7094476	C	-0.0312
rs1933963	A	-0.0422
rs2912754	C	0.0826
rs12571983	T	-0.0299
rs10508300	G	0.0416
rs117501151	T	0.1069
rs34499222	A	-0.0716
rs17135332	A	0.0354
rs76026535	C	0.0585
rs112413912	A	0.0848
rs73274005	A	-0.0889
rs41274604	C	0.0798
rs111913390	A	-0.0955
rs147081554	T	0.0642
rs73382374	G	-0.1046

rs10906128	T	0.0229
rs7100993	T	0.0304
rs139520894	T	0.0917
rs4072196	A	-0.0412
rs11017878	A	-0.0247
rs41274082	T	0.0678
rs76156132	C	-0.0468
rs12770012	T	-0.0847
rs7478058	T	0.0555
rs7076689	A	0.0561
rs10508827	T	-0.0414
rs16916751	A	-0.1206
rs2767420	G	0.0807
rs72779586	T	-0.078
rs11002760	G	-0.0695
rs11813961	A	0.0338
rs4838679	C	0.0434
rs35047040	T	-0.0465
rs141642397	C	0.1018
rs117792433	G	-0.0814
rs265537	A	-0.0991
rs72841518	T	-0.0574
rs4918392	C	0.0256
rs10885410	A	-0.0238
rs142098611	C	-0.1117
rs1854167	C	-0.0298
rs145761478	G	0.1254
rs117337143	T	0.1754
rs117572275	T	0.0738
rs117879220	T	0.0506
rs144541601	T	0.0848
rs2688865	G	0.0227
rs1227737	A	0.0416
rs146428968	A	0.0802
rs75551616	A	0.0736
rs11016465	T	-0.0387
rs78189505	T	-0.0652
rs78141143	T	0.1074
rs34867276	G	-0.0646
rs117033067	C	-0.1116
rs114410649	G	0.0906
rs10762547	A	0.0284
rs7914124	C	0.1414
rs77219799	A	-0.0394
rs6602360	G	0.0218
rs12266432	C	-0.0393
rs1865021	C	-0.0215

rs10886731	T	-0.0344
rs11252110	G	-0.0207
rs79737124	A	0.1087
rs72635000	T	0.0712
rs74611038	T	0.1536
rs9418641	A	0.0483
rs118046309	C	0.1216
rs79455015	A	-0.0412
rs7085206	C	-0.0417
rs72780192	G	0.029
rs111311553	A	-0.0363
rs10737048	A	-0.0685
rs17771583	C	-0.0398
rs11248487	G	0.0196
rs17816509	G	0.0299
rs12354907	T	-0.0606
rs76345452	A	-0.0987
rs4919416	G	-0.0207
rs4881486	C	-0.0512
rs149710105	C	-0.1024
rs12573641	T	0.0999
rs7902878	A	-0.0249
rs11251240	C	0.0246
rs146886031	A	0.1578
rs12414594	G	0.0409
rs1674887	T	0.0476
rs1227077	T	-0.0507
rs2484099	G	0.0501
rs117943469	C	0.1004
rs61835977	T	-0.0267
rs149794311	T	-0.1678
rs74790299	A	-0.0576
rs118182258	A	0.1081
rs61871502	G	-0.0395
rs9423246	T	-0.0321
rs1927457	C	0.0235
rs12765967	C	0.0247
rs11813320	C	-0.0259
rs17096279	T	-0.0317
rs117867454	T	0.1003
rs146782817	C	-0.0408
rs34500125	T	-0.078
rs117275218	T	0.0883
rs75308259	C	0.0818
rs73582530	A	-0.0417
rs4465261	A	0.02
rs72833891	T	0.0504

rs4749312	T	-0.062
rs11257248	T	-0.0912
rs16918455	G	0.0292
rs117302013	T	-0.0715
rs11599055	C	-0.1143
rs75794021	T	-0.0983
rs74889195	C	-0.0382
rs7904030	A	0.0901
rs7922733	C	-0.0802
rs4746523	A	0.0533
rs139020900	T	0.1015
rs12412575	G	0.0231
rs28445838	G	0.0405
rs11156563	C	0.0299
rs117817926	C	0.1011
rs7082321	C	0.0304
rs74486294	A	0.0911
rs7092659	C	0.0251
rs10905553	C	0.0746
rs10509480	C	0.0199
rs150095486	T	-0.1339
rs142642563	C	0.095
rs7096905	A	-0.0282
rs75896461	A	0.0782
rs72774292	A	-0.1055
rs1249281	T	-0.0271
rs7086690	C	0.0207
rs117988086	C	-0.1089
rs2148191	A	-0.1101
rs10997404	T	0.0236
rs34889119	C	0.0865
rs7901449	A	0.068
rs1247086	A	0.0212
rs1975191	T	0.0226
rs642964	T	0.0317
rs7904413	G	-0.0196
rs116085785	C	-0.066
rs140808895	T	0.1102
rs9664298	G	0.0343
rs139889371	T	-0.0799
rs7900144	G	0.0223
rs11254387	C	-0.0339
rs17295310	A	0.0344
rs9421819	G	-0.0245
rs6585737	T	-0.0214
rs76619548	T	-0.0524
rs141553311	C	0.1337

rs72817109	T	0.0624
rs11254273	C	-0.0936
rs7083883	T	0.0271
rs2387665	T	0.0239
rs4543899	A	-0.0506
rs12247583	T	0.0287
rs61291816	A	-0.0613
rs2607534	T	-0.0271
rs11197745	T	-0.0373
rs76791954	C	-0.0709
rs77107837	T	0.0733
rs112571870	T	-0.1013
rs61832865	A	-0.0335
rs150287902	A	0.1112
rs79883490	A	-0.0511
rs146284191	G	0.1422
rs3758587	A	0.0232
rs72821068	C	0.0767
rs75134729	A	-0.1722
rs113726349	A	-0.0649
rs10787574	T	0.0223
rs74318279	C	0.0753
rs7915711	A	-0.0542
rs77310729	G	-0.0665
rs138373920	T	-0.18
rs115079364	A	0.0931
rs117008031	A	-0.0789
rs117533231	G	0.1066
rs12767554	A	-0.0604
rs7075702	A	-0.0951
rs12217499	A	-0.1064
rs74606055	C	-0.1074
rs78401416	T	0.1006
rs1683863	A	0.0245
rs12217487	A	-0.132
rs117844438	G	0.0884
rs11245425	C	-0.051
rs822090	A	0.056
rs12416565	C	-0.0233
rs12766838	G	0.0296
rs7893126	C	0.027
rs10795666	G	0.0232
rs72776605	A	-0.0263
rs4132652	A	-0.0497
rs7087457	G	0.0467
rs144632682	T	-0.0898
rs111763673	T	0.0536

rs10232	T	-0.0803
rs141948438	A	0.0848
rs36002879	T	-0.0445
rs17296631	T	-0.0786
rs117768087	A	-0.1111
rs112789657	C	-0.0823
rs10998457	A	-0.0214
rs35810013	T	0.1412
rs11254177	T	0.1034
rs11011732	C	0.0294
rs10824650	A	-0.0195
rs117447174	T	-0.0625
rs12767770	T	-0.0324
rs1338541	C	0.0208
rs72815558	T	-0.0813
rs76786147	C	0.0312
rs12355324	A	0.0467
rs7900225	C	0.0314
rs79830668	T	0.0834
rs16930149	T	-0.1328
rs140389196	T	-0.1523
rs118068484	A	0.0685
rs56089081	A	0.0404
rs75433380	C	0.0899
rs7896061	C	0.0265
rs79577137	A	0.174
rs141448314	T	0.1141
rs74158446	C	0.1236
rs4748103	C	0.0224
rs12240574	G	-0.1365
rs76550923	T	0.1383
rs74951282	G	-0.0939
rs76076819	G	-0.0834
rs10901528	C	0.0742
rs79024469	A	-0.1065
rs11008047	T	0.0351
rs7088935	A	0.0329
rs11259458	C	0.0351
rs56151069	T	-0.0335
rs72840349	C	-0.0348
rs3001720	A	-0.0847
rs11814422	A	-0.0448
rs138813731	T	0.0902
rs10822896	T	-0.0219
rs10999130	G	0.1147
rs2742050	T	-0.0271
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rs74156127	A	0.0389
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rs72815446	C	-0.0619
rs12763924	A	0.0315
rs77079789	A	0.0701
rs75806021	C	0.0535
rs17207435	G	-0.0512
rs6601986	C	0.0267
rs2454824	T	0.0262
rs946785	G	-0.0197
rs78950456	A	-0.1615
rs35780327	G	-0.0947
rs61862002	C	-0.0224
rs61833000	C	-0.0528
rs8177783	A	0.1649
rs514150	T	-0.0277
rs12265599	T	-0.0338
rs139102240	G	0.1171
rs2296637	T	0.0364
rs12219907	A	0.0778
rs117389458	A	0.1291
rs4399275	G	-0.0252
rs2812589	T	-0.0303
rs4746284	A	0.0585
rs34145904	G	0.0315
rs536096	G	-0.0314
rs145162160	C	0.1163
rs1336327	A	0.0838
rs4934040	T	-0.0831
rs1343094	T	0.0249
rs72821579	C	-0.0252
rs117260987	T	-0.061
rs78091047	T	-0.0777
rs75958476	A	0.0675
rs117967063	A	-0.0859
rs113608681	A	0.0859
rs118167308	A	-0.0674
rs76497130	A	-0.0858
rs2270193	C	-0.0477
rs16933996	G	-0.0831
rs12247252	T	0.0472
rs112735875	A	0.1657
rs78185084	T	-0.1304
rs12184361	T	-0.0434
rs17144411	T	0.036
rs2574950	T	0.061
rs2804951	A	0.0409

rs112717372	A	-0.0498
rs144730409	C	0.0716
rs72811581	C	-0.1311
rs17413232	G	-0.0526
rs4303169	A	0.0212
rs112550859	T	0.0632
rs12773664	G	0.0208
rs17097674	T	0.0497
rs12571821	C	0.0608
rs2637629	G	-0.021
rs116888080	G	0.0591
rs7905840	A	0.1119
rs7084814	G	0.0397
rs77167347	A	0.0618
rs76649942	T	0.0832
rs11253242	T	-0.0281
rs11255875	C	-0.0276
rs61829731	T	-0.0497
rs12720436	G	-0.1194
rs146159238	T	0.1226
rs35645587	T	0.099
rs149767001	A	-0.0767
rs1702249	C	0.0202
rs117754511	G	0.0542
rs114830825	C	0.1026
rs139169031	A	-0.0651
rs7896128	A	0.0505
rs76536854	A	0.0946
rs73277111	G	-0.0811
rs147359961	A	0.0476
rs11009500	A	0.0514
rs16906201	A	-0.0492
rs4750166	A	0.039
rs10997704	G	0.0194
rs11816373	T	-0.1027
rs72802333	A	0.0983
rs78817633	C	0.0921
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rs113671578	G	-0.0698
rs2818389	T	0.0892
rs11010697	C	-0.0308
rs11258278	C	0.0668
rs57908880	G	0.0489
rs75206876	T	0.0948
rs1659594	A	-0.0331

rs638707	A	0.0234
rs7909468	A	0.0247
rs11002958	C	0.0311
rs61852960	C	0.0812
rs644700	C	0.0577
rs112805642	A	0.0444
rs4962693	C	0.0194
rs1133113	A	-0.0201
rs6602217	C	0.0356
rs17680424	A	0.0311
rs7071096	C	-0.0709
rs10795560	T	0.0245
rs2176535	T	0.0487
rs7912721	T	0.0227
rs117295334	A	0.1079
rs149562409	G	0.0464
rs74125814	C	0.0768
rs75450538	A	-0.1085
rs2691148	A	-0.0211
rs113952349	T	-0.0351
rs10787500	C	0.0292
rs77398886	A	0.0452
rs11595166	T	-0.0386
rs2001765	G	-0.0399
rs59411342	C	0.0395
rs7073826	T	0.0227
rs72820425	A	0.064
rs41300227	C	-0.0922
rs943335	C	0.02
rs113762232	C	-0.0849
rs76093917	A	0.0551
rs59228293	A	-0.0498
rs140558445	G	0.0803
rs1715877	C	-0.0333
rs16937194	A	-0.0491
rs4917802	G	-0.026
rs118132735	T	-0.1523
rs79118159	T	-0.0737
rs10829715	C	0.0291
rs7893954	G	-0.0229
rs76597286	T	0.0612
rs6593372	G	0.024
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rs11239291	G	0.0222
rs74148316	T	0.0254
rs11252393	T	-0.0544
rs3010501	T	-0.0209

rs7901884	T	-0.0228
rs118064558	A	-0.1369
rs72774757	T	-0.0721
rs11002197	T	0.0529
rs678395	G	0.0419
rs76619375	T	-0.0668
rs2801527	T	0.0274
rs10786847	A	0.0226
rs12781072	A	-0.0302
rs144077228	T	-0.1128
rs78525943	T	0.0803
rs1329496	A	-0.079
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rs2047036	C	0.0208
rs79971733	C	0.0859
rs78518419	A	0.0912
rs71473522	G	0.0598
rs61831982	G	0.0376
rs12778117	G	0.047
rs146065661	T	-0.1229
rs61866407	G	-0.0363
rs11194132	C	-0.0409
rs77232264	G	0.1189
rs34180426	C	0.0466
rs1913751	C	-0.0311
rs56365500	G	-0.0209
rs149263477	A	0.0902
rs117977331	A	0.0422
rs780821	T	0.039
rs79128954	G	0.1439
rs7908497	T	0.033
rs12570064	C	-0.0212
rs58555605	T	-0.0468
rs140600352	G	-0.1216
rs79999535	T	0.0717
rs11598539	C	-0.0249
rs12359580	T	0.0339
rs75813347	T	-0.0485
rs61875518	A	-0.0261
rs55859210	C	0.075
rs111795711	A	0.0955
rs72787457	A	0.0447
rs72818731	T	-0.0347
rs72843303	A	0.1002
rs78808859	T	0.0927
rs7100181	G	0.0249
rs7080513	G	0.1298

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rs2420993	T	-0.0283
rs141864719	A	-0.0935
rs72803053	T	-0.1148
rs35562333	T	-0.0583
rs1576009	C	-0.0207
rs117014036	T	-0.0501
rs142704440	T	0.1154
rs34989726	T	0.1043
rs75354372	A	0.0575
rs6584193	T	-0.0245
rs74629892	C	0.0947
rs12253187	G	-0.0239
rs7922716	C	0.0208
rs117808847	G	0.092
rs116842595	T	0.0662
rs41380844	G	0.024
rs12241254	T	0.0316
rs12411862	A	-0.0196
rs117494425	C	0.0931
rs10951	A	0.0207
rs117717573	T	0.0916
rs10999152	A	0.0273
rs143192906	T	0.1359
rs41295119	T	-0.0493
rs477533	T	-0.0202
rs11004372	G	0.0203
rs3125452	G	-0.0234
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rs11245535	G	-0.0221
rs61463796	C	-0.0667
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rs111238646	A	0.0948
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rs55750934	G	-0.0324
rs2927501	T	-0.0379
rs117056425	A	0.064
rs11238728	G	0.0193
rs34133409	A	-0.0364
rs144518776	A	0.0899
rs4752542	A	-0.0198
rs10829940	G	0.026
rs752431	T	0.0235
rs137974505	G	0.091
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rs927045	T	-0.0313

rs117866645	C	-0.1059
rs117068496	T	0.1305
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rs77010998	C	-0.0523
rs112579950	T	0.0953
rs2776925	G	-0.0196
rs4948878	G	0.0526
rs3829196	A	0.0825
rs41289011	G	-0.0519
rs34806745	T	0.1253
rs4935045	C	-0.0197
rs117720340	T	-0.0742
rs61862976	T	0.0427
rs2274530	G	-0.1033
rs7923671	A	0.0459
rs61845862	A	0.0467
rs1259589	A	0.0265
rs7905047	C	-0.0235
rs3793735	C	-0.0204
rs11259028	C	-0.09
rs118179993	C	0.1237
rs75594291	A	-0.0393
rs12249558	G	-0.0302
rs79347784	T	-0.1118
rs59807205	C	0.0338
rs74135295	G	-0.094
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rs2248723	A	-0.041
rs7080385	T	0.0193
rs76563077	T	0.0587
rs9971047	C	-0.0586
rs111915518	A	-0.0647
rs61859322	T	0.0394
rs7898283	T	-0.0211
rs76016718	G	0.1734
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rs141421839	G	-0.1758
rs7923307	G	-0.022
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rs117863452	A	-0.0881
rs61830347	G	0.0626
rs77507653	A	0.0458
rs11018150	T	-0.0335
rs78447252	T	-0.0441
rs2261660	T	-0.0269
rs563798	T	0.0279
rs11238600	T	0.1243

rs11186455	T	-0.0408
rs55827747	T	0.0439
rs79450125	T	-0.0837
rs111238039	A	-0.1334
rs12781963	T	-0.0231
rs17137848	T	0.0915
rs1780436	A	-0.0212
rs2384532	A	0.0227
rs11002740	C	-0.0589
rs5002977	T	-0.0458
rs79904575	G	0.0559
rs118127236	T	0.1441
rs78722514	A	0.1039
rs2497342	A	0.0225
rs10795909	T	0.0196
rs1140	T	-0.025
rs11002910	G	0.1511
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rs16924739	C	-0.0349
rs7098736	A	-0.02
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rs7076995	T	0.0194
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rs79467266	C	-0.1086
rs78969278	G	0.045
rs61259411	G	0.0307
rs74160064	T	0.0695
rs9419605	C	0.0197
rs7091396	A	-0.0292
rs35363390	G	-0.0629
rs1171647	G	0.0223
rs149355539	A	0.1184

rs10764283	T	-0.0195
rs78474656	C	-0.1393
rs9417407	A	-0.0757
rs11003977	T	-0.0597
rs76061244	G	-0.0416
rs117486123	A	-0.1058
rs7089526	T	0.059
rs1812887	A	0.0316
rs117360728	C	0.1305
rs148049083	G	-0.1677
rs41291309	A	-0.1358
rs6482350	C	0.0543
rs3818475	G	-0.0221
rs142618415	T	-0.1854
rs12782137	C	-0.101
rs149151788	A	-0.1099
rs117275359	A	0.1221
rs79653613	T	-0.0775
rs79252177	G	0.0474
rs10752350	G	-0.0203
rs1247419	T	-0.0318
rs61865625	T	0.0524
rs3829203	A	0.0209
rs10830080	C	-0.0197
rs16921893	G	-0.0307
rs56153447	G	0.0266
rs7086186	G	-0.0214
rs80172900	T	-0.0317
rs61871970	T	0.0382
rs1962663	T	0.0194
rs77948131	A	-0.1221
rs79872566	T	-0.0809
rs61858662	T	0.0287
rs11592900	C	-0.025
rs4746137	T	0.043
rs115614816	T	-0.0452
rs4609494	A	0.0286
rs2459418	T	-0.0192
rs7900763	T	0.0234
rs116868035	G	-0.0655
rs77900565	A	0.0405
rs7083869	A	0.0243
rs61246605	T	-0.0261
rs78756736	C	0.0439
rs79702358	T	0.0961
rs4752538	G	-0.0244
rs7902539	C	-0.0253

rs45536936	C	-0.0817
rs117861511	G	-0.1208
rs75671286	C	0.0589
rs11197862	T	0.0511
rs1536442	T	-0.0199
rs6602603	C	-0.0194
rs1907747	C	0.0554
rs7900510	A	-0.0429
rs75296824	G	-0.0504
rs11511553	T	0.0535
rs80341435	T	-0.0861
rs79297087	A	-0.1089
rs77090059	T	-0.0729
rs17028	T	-0.0233
rs144222597	T	0.1225
rs117651700	C	0.1011
rs118185529	G	-0.1491
rs61857745	G	-0.0859
rs2256220	C	0.0198
rs17529942	A	-0.0726
rs79888647	T	0.1052
rs10159645	A	-0.0627
rs76568646	T	-0.1185
rs2393898	G	0.0195
rs628116	T	0.0274
rs2814315	T	-0.0216
rs290490	G	-0.0233
rs4444002	G	0.0651
rs11256990	T	-0.0308
rs2663013	A	0.0466
rs17100442	T	-0.0275
rs181605	G	-0.0375
rs1278281	C	0.0213
rs145503311	T	-0.0872
rs117035601	T	0.1474
rs4237441	T	0.062
rs10887831	T	-0.0275
rs117152197	G	-0.0539
rs2497446	A	0.0327
rs10749321	T	0.0198
rs586518	A	-0.0275
rs789767	T	0.0204
rs17296624	T	0.0313
rs117936366	G	0.1128
rs144913677	T	-0.0541
rs74734861	A	-0.1334
rs79196399	C	-0.1143

rs676063	T	0.0427
rs17154765	C	0.0272
rs118048640	T	-0.1493
rs2924306	C	-0.0226
rs1539330	T	0.029
rs74643258	T	-0.0637
rs11201666	G	-0.0279
rs117965495	A	-0.0762
rs181600	A	0.0554
rs41284408	T	0.0656
rs12360139	T	0.0215
rs144122032	G	-0.1285
rs10764312	C	-0.0228
rs79655865	T	0.0638
rs11007849	T	0.0344
rs61873576	C	0.0514
rs11018387	A	-0.0308
rs118043865	T	0.065
rs11195157	C	0.0198
rs11595009	A	0.1004
rs10903450	A	-0.0214
rs17501874	T	0.0516
rs61852806	T	0.0705
rs142040668	A	0.125
rs11599479	T	-0.0845
rs146758217	T	-0.0748
rs11595394	G	-0.0326
rs12262462	G	-0.0575
rs76569056	G	0.1267
rs141023517	C	-0.068
rs7079183	T	-0.0465
rs1258327	G	0.0396
rs11256835	T	-0.0241
rs780806	A	0.0187
rs10998017	T	0.02
rs11146066	A	-0.0892
rs117261556	G	0.0969
rs17612029	G	0.0298
rs12722604	A	-0.0553
rs2805566	A	-0.0217
rs79192841	G	-0.0929
rs56186782	G	0.033
rs7902720	T	-0.0303
rs16935928	C	-0.0694
rs113582420	T	-0.0898
rs74147009	A	-0.0779
rs116821238	C	0.1107

rs61871910	C	-0.0474
rs12269409	C	-0.0888
rs12779850	C	-0.0741
rs35032171	T	-0.0314
rs113754261	G	-0.0615
rs150993762	T	0.1377
rs12777797	G	0.0211
rs76781384	G	-0.0804
rs2007097	T	-0.0297
rs112290338	A	-0.042
rs61835268	G	-0.0424
rs76699576	A	-0.067
rs115688306	T	0.0502
rs78742809	T	0.0669
rs1876895	G	-0.0186
rs74873836	G	-0.0628
rs71490924	T	-0.0277
rs1880050	T	-0.1034
rs1600579	T	-0.0285
rs10788350	T	-0.0354
rs141522763	T	0.0633
rs1856004	G	0.0382
rs11254052	C	0.0456
rs571214	A	-0.028
rs76803524	A	0.0644
rs12242494	T	-0.041
rs117311792	A	0.0849
rs10826620	C	-0.0276
rs7069206	G	-0.0613
rs7097098	T	-0.0515
rs526666	C	-0.031
rs4148399	G	0.0448
rs72839713	T	0.1066
rs7910510	G	-0.0322
rs10826686	C	-0.0194
rs17407228	G	-0.0201
rs77098188	T	-0.0517
rs7085473	T	0.0188
rs11199105	T	0.0347
rs7920763	A	0.0209
rs117779992	G	0.0873
rs7086247	C	0.0416
rs74317266	A	-0.0591
rs10430712	G	-0.0496
rs3135772	T	-0.0325
rs4411244	A	0.0274
rs118025588	A	0.0975

rs79429105	G	0.0965
rs56031228	A	-0.034
rs144487702	A	0.0723
rs79642386	T	-0.1596
rs118005411	A	-0.1106
rs17566597	G	0.024
rs145681343	A	0.1624
rs11007069	A	0.0305
rs7098716	A	0.0329
rs56263512	C	0.0267
rs7068393	A	-0.0309
rs9919480	A	-0.0372
rs116985520	T	0.0715
rs7921799	A	0.0223
rs117915672	T	-0.0966
rs147729266	C	-0.136
rs148046144	A	-0.1565
rs1822690	A	0.0188
rs35936842	A	0.0201
rs79144704	C	-0.1095
rs9416634	T	0.0191
rs76134470	T	-0.0639
rs66962313	G	0.0474
rs1189310	G	-0.0224
rs76797777	T	-0.0731
rs11252734	G	-0.0696
rs77101618	T	-0.07
rs143503856	A	-0.052
rs1573252	G	0.0347
rs150287762	T	0.0898
rs11197441	A	-0.033
rs1219792	C	0.0239
rs11816275	T	-0.0196
rs7072502	C	0.0291
rs2085185	G	-0.028
rs4491141	G	0.0237
rs142240659	G	0.1136
rs57343234	A	0.068
rs117181203	T	0.0727
rs61277339	G	-0.0316
rs11817583	A	0.0226
rs16917302	C	0.034
rs11598720	C	-0.0203
rs2282295	A	0.0318
rs7090887	A	0.0184
rs113399767	A	-0.0569
rs11812619	C	-0.0193

rs999981	T	-0.0192
rs17325064	A	-0.0227
rs10885555	A	0.0271
rs11575676	A	-0.0372
rs55659521	C	0.0248
rs11008807	C	-0.0468
rs1127047	A	0.0638
rs1591337	T	-0.0242
rs35118904	A	-0.1279
rs11202480	G	-0.0382
rs78089008	T	0.0856
rs146339035	T	-0.1102
rs4360649	G	-0.0203
rs78657995	C	-0.0876
rs11251908	T	0.1333
rs17139126	C	-0.1561
rs72803836	G	0.0692
rs2488131	G	-0.0212
rs9419171	T	-0.021
rs61851099	G	-0.1112
rs1044612	T	-0.0803
rs6601797	A	0.019
rs56108042	G	-0.0223
rs2789696	A	0.0215
rs11203047	C	-0.0387
rs117350437	T	-0.1086
rs10740344	C	-0.0209
rs3123677	A	-0.0213
rs3829209	T	0.0199
rs79562159	T	0.0465
rs116942717	A	-0.0822
rs117060206	T	-0.0795
rs72791343	T	-0.0411
rs11596320	A	0.022
rs117644544	T	0.1002
rs11202660	A	0.0248
rs114939400	C	-0.0438
rs9415141	C	-0.0256
rs79021032	C	-0.0777
rs4631835	T	-0.0229
rs61866469	A	-0.0427
rs117641604	C	-0.0797
rs7093372	G	0.0191
rs12098327	A	0.0981
rs10903937	G	-0.024
rs4918928	G	-0.0195
rs7911079	A	0.0959

rs111555772	T	-0.0383
rs74123527	G	-0.1331
rs144716933	T	0.1652
rs117678443	C	0.0645
rs117701120	G	0.0846
rs12260503	A	0.0537
rs11238505	T	-0.0249
rs12257390	C	0.0195
rs7073292	G	0.019
rs10795361	A	-0.0242
rs113810448	A	0.0958
rs1384609	T	0.0219
rs74119704	A	0.1536
rs7913660	C	-0.0207
rs10823283	T	-0.0192
rs10884798	G	-0.0192
rs75915414	A	-0.0709
rs11195442	C	-0.019
rs2795528	G	0.0496
rs1935915	G	0.0196
rs111604747	C	0.0803
rs11244982	T	0.0224
rs72802708	C	-0.0712
rs34634472	A	-0.0365
rs7084058	C	-0.0755
rs7902502	A	0.1487
rs75761168	A	-0.0859
rs145374627	T	-0.0887
rs117997709	T	0.1024
rs80023834	A	0.0968
rs148119307	T	-0.0698
rs117294291	T	0.1405
rs61845849	A	0.0704
rs72836084	A	0.1206
rs75353921	C	-0.0807
rs141420171	G	-0.0776
rs35139159	G	-0.0526
rs7905184	C	-0.0495
rs7893343	A	-0.1395
rs10901874	T	-0.0228
rs7092009	A	0.019
rs11596155	A	0.0247
rs4447076	G	-0.0188
rs80314400	T	0.0613
rs61860511	C	-0.0512
rs12414015	T	0.1151
rs2812559	C	0.0221

rs7902474	G	-0.0392
rs141854007	A	-0.0757
rs4935105	C	-0.0255
rs144378014	G	-0.1414
rs140072888	G	0.1041
rs2109153	T	-0.0233
rs115692147	G	-0.0556
rs117775390	T	-0.0959
rs76441121	G	0.0846
rs1886413	T	-0.0282
rs898325	A	0.0349
rs6584043	T	-0.0352
rs7083426	G	0.021
rs76537500	C	-0.094
rs143735554	T	0.0802
rs116933572	T	0.0759
rs12762612	C	-0.0959
rs59750713	G	0.1773
rs56358712	T	0.0603
rs117067722	G	-0.0892
rs76921386	T	0.0608
rs11250713	T	-0.0232
rs12762812	A	-0.0775
rs77268492	A	0.0889
rs6585818	A	0.022
rs10857435	A	-0.1367
rs12219482	T	0.0415
rs11595448	C	-0.0616
rs76282612	T	-0.0871
rs41295597	T	0.0866
rs77249136	C	0.0832
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rs72843000	G	-0.0424
rs78806596	A	-0.102
rs116920824	A	0.0938
rs7904195	T	0.0283
rs117058368	G	0.083
rs77549803	C	0.0785
rs4948675	A	0.0252
rs17676342	C	-0.0285
rs142074160	T	0.0747
rs72839977	T	0.1456
rs72832754	G	0.1029
rs841045	C	-0.0774
rs4746067	A	0.021
rs117049531	T	0.0664
rs72797309	C	-0.067

rs12255873	A	0.0349
rs723373	C	-0.0265
rs72838217	G	-0.0636
rs72869403	C	0.0911
rs79897603	C	-0.0792
rs113847356	T	0.0725
rs74548995	G	-0.1102
rs11193636	C	-0.0237
rs117092904	G	0.0796
rs74143646	C	-0.0869
rs117423278	T	-0.1299
rs61863461	A	0.0916
rs117293280	A	0.1211
rs72835553	T	0.0296
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rs10509739	T	0.0357
rs2813778	C	0.1344
rs72790578	T	-0.0597
rs9420133	G	0.0459
rs4746861	A	-0.0451
rs80078739	T	-0.0507
rs7096174	C	0.0251
rs2446578	A	0.0349
rs12357292	G	0.0772
rs7096703	G	-0.0731
rs79839360	T	0.0715
rs17666963	T	-0.0283
rs77994029	A	-0.0418
rs1930146	C	0.0189
rs112854903	T	0.034
rs78011651	A	-0.0432
rs2256321	C	0.02
rs7071538	T	-0.0197
rs7071430	C	-0.0209
rs57886126	T	0.0477
rs2944520	T	0.0218
rs73386223	G	0.0711
rs12360193	T	0.0204
rs61874029	T	0.0478
rs2812565	C	0.0543
rs148111259	C	-0.1427
rs11814716	A	-0.0232
rs55823830	T	-0.0811
rs11198435	A	-0.0318
rs9423446	C	-0.0303
rs79439488	C	0.0582
rs7080292	A	-0.0301

rs10905490	A	0.0694
rs161416	G	-0.0904
rs6585465	C	0.0189
rs12413571	T	0.0562
rs61845682	A	-0.0999
rs2394340	C	0.0184
rs72829348	A	-0.1362
rs11190300	C	0.0188
rs677603	T	0.0217
rs10830158	C	0.0211
rs41283451	A	-0.0754
rs2802477	G	-0.0191
rs11101328	T	-0.0219
rs117522231	A	-0.1106
rs10905983	T	0.0199
rs79467692	T	0.1144
rs10903885	A	-0.024
rs111606597	A	0.0302
rs11238553	G	-0.0487
rs2936570	G	-0.0225
rs17104650	C	-0.0448
rs145505382	T	0.0605
rs117497819	T	-0.0551
rs10828623	T	0.0258
rs114274013	C	-0.0696
rs76321369	A	0.0658
rs17154230	G	-0.0392
rs7919836	G	0.0646
rs10886010	A	0.0186
rs7919520	A	-0.0197
rs1951742	A	0.0235
rs10787809	T	-0.023
rs4750835	A	-0.0868
rs117511072	T	0.1538
rs17141695	C	0.0276
rs79948838	C	0.0384
rs10824997	T	0.0188
rs11251800	G	-0.0207
rs10884031	A	0.0192
rs11596863	A	-0.0397
rs7893960	T	-0.0447
rs4980184	C	0.0935
rs10752214	C	0.0211
rs61841421	T	-0.0679
rs118052097	G	0.1708
rs4917474	T	0.0794
rs11245450	A	0.0183

rs2454063	T	0.026
rs7920472	T	-0.0314
rs116944484	A	0.1422
rs67281355	A	0.1128
rs77932703	G	-0.051
rs79935802	A	-0.0631
rs1249325	T	0.0504
rs1649995	A	0.0278
rs75929214	T	0.0355
rs117399224	A	0.0747
rs4748546	C	0.0221
rs72792185	T	-0.0448
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rs1961949	T	0.0218
rs75315701	G	-0.0863
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rs115240862	A	-0.0589
rs7094470	C	-0.025
rs72837318	G	-0.041
rs73594144	G	-0.0827
rs9424088	G	0.0225
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rs11015399	T	-0.0235
rs117719822	C	0.1045
rs71474251	G	0.0246
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rs80178239	A	0.1271
rs1693686	C	0.0201
rs1536532	C	0.0206
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rs35545299	G	-0.0547
rs11195776	T	-0.0287
rs150499051	T	-0.048
rs4980226	T	0.0198
rs72793804	C	0.0627
rs117080279	C	-0.0937
rs76007716	G	-0.0651
rs7907901	C	0.0191
rs17141570	A	-0.0507
rs74437464	C	-0.0396
rs115435169	T	-0.1263
rs112507132	T	-0.0829
rs138442072	A	-0.0769

rs1106375	G	-0.0228
rs12354580	G	-0.0963
rs9419607	A	-0.0422
rs111248210	A	-0.0351
rs7899837	C	-0.0223
rs7923952	T	-0.0506
rs7067758	T	0.1029
rs7893928	T	-0.028
rs3866903	A	0.0272
rs61843666	G	-0.0822
rs1189320	A	-0.0183
rs7083130	T	0.0363
rs10795600	T	-0.0249
rs76079531	T	-0.1234
rs151039466	T	0.1169
rs12265034	G	0.0418
rs1665547	G	0.0216
rs147210446	A	-0.0796
rs12252924	A	0.0783
rs73347750	A	0.0423
rs117485016	G	0.1013
rs80063971	C	0.1223
rs11256675	G	-0.033
rs117754766	T	0.132
rs4748014	C	0.0246
rs243013	A	-0.0437
rs9664330	G	0.0195
rs7068117	A	-0.0608
rs77063314	A	-0.1396
rs4881481	C	-0.0656
rs7072140	T	-0.0185
rs2062704	G	-0.033
rs61867522	A	-0.0737
rs9419741	G	0.0187
rs3123218	T	-0.0309
rs11017056	C	0.0225
rs7097905	A	-0.0415
rs4918178	T	0.0368
rs34019085	T	-0.0239
rs12784160	G	-0.1369
rs10509195	G	0.0184
rs72791426	A	-0.0539
rs1019948	T	-0.0195
rs117577922	T	-0.0752
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rs2419603	T	0.0395
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rs55846129	T	0.0431
rs77913191	G	0.061
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rs11598683	T	0.1137
rs196290	C	0.0187
rs11200398	A	-0.0268
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rs17621041	A	0.0433
rs2672598	C	-0.0195
rs75794890	A	0.0438
rs56323928	G	-0.0713
rs942951	A	-0.0258
rs1219597	C	0.0411
rs813745	G	-0.0201
rs146547865	T	-0.137
rs10822645	A	0.0249
rs61831955	A	0.0277
rs72815685	A	-0.0363
rs117993445	C	-0.0837
rs12569658	G	-0.0511
rs2484529	C	0.0461
rs4919142	G	0.0276
rs11256635	C	-0.0534
rs112950289	G	0.0973
rs11194886	A	0.0424
rs149928030	G	-0.0631
rs117335233	G	0.0515
rs61880840	C	0.1114
rs10508945	G	-0.0214
rs61861775	C	0.0634
rs79008649	G	-0.1235
rs61838560	G	-0.0401
rs117111102	T	-0.1881
rs75232203	T	-0.1184
rs7894481	C	0.0289
rs11186543	T	0.038
rs72836196	A	0.0284
rs17221568	C	-0.1039

rs117525282	G	0.133
rs77555440	C	-0.086
rs72818437	C	-0.055
rs150842058	T	0.082
rs2812602	G	0.0289
rs116946988	T	0.1428
rs141513212	A	0.0782
rs151226542	G	-0.0789
rs55762031	G	0.0202
rs3000465	A	-0.0428
rs868872	T	-0.0238
rs118001423	T	0.11
rs4750772	A	-0.0221
rs142181564	A	0.1326
rs143199234	A	0.0703
rs140218733	G	0.0825
rs1320485	A	-0.0218
rs2688874	A	-0.0257
rs72777092	G	0.0927
rs117612405	A	-0.1334
rs2817666	A	-0.0185
rs599132	A	-0.0185
rs117433925	A	-0.1073
rs111241152	A	0.0522
rs117140964	T	-0.0648
rs118069884	T	0.0778
rs78877672	T	-0.0524
rs7915020	A	0.0473
rs2359560	T	-0.0183
rs9299595	G	0.0275
rs113873144	G	0.0336
rs56374835	G	0.0218
rs1278304	A	-0.0229
rs1935936	G	0.0179
rs117053707	C	0.1005
rs594741	A	0.0221
rs787052	T	0.0332
rs7101229	C	0.0279
rs11817731	C	-0.0434
rs3012044	G	0.0183
rs114612413	A	-0.1081
rs118180586	T	0.0521
rs1759342	A	0.0247
rs10785923	C	-0.0188
rs942950	T	-0.0279
rs78382211	G	-0.0892
rs17216728	C	0.0943

rs66978545	T	0.0358
rs117109680	C	-0.0955
rs78683715	C	-0.0573
rs117849728	A	0.1021
rs78467182	G	-0.113
rs2184386	A	-0.0238
rs11014993	C	-0.0217
rs145749815	C	0.1276
rs807015	G	0.029
rs74690418	T	0.0957
rs72773001	A	0.081
rs56054552	G	-0.1094
rs1931600	T	-0.0212
rs117889195	G	0.1133
rs5009167	C	-0.0494
rs36103558	T	0.0458
rs61854606	C	-0.1069
rs10509557	C	-0.0205
rs76612684	A	0.0559
rs2505911	T	0.0709
rs72807628	G	0.0551
rs11016225	G	-0.0202
rs145651803	C	-0.1017
rs74120689	G	-0.0929
rs1229578	T	-0.0246
rs7079561	G	0.0321
rs77709405	T	0.1113
rs10509957	A	-0.0174
rs2615876	A	0.1196
rs2985297	G	0.0215
rs145771334	C	0.0996
rs118115421	T	0.079
rs144668313	A	-0.1395
rs72830306	T	0.0561
rs143847443	T	-0.1055
rs59840866	C	-0.0858
rs77693979	G	-0.047
rs35857670	A	0.0314
rs3108965	A	0.0193
rs7083419	A	-0.0217
rs11146138	A	0.0207
rs10764462	A	-0.019
rs4881466	A	-0.0199
rs2367889	T	0.0232
rs111979314	C	0.1491
rs17101977	T	0.0309
rs79764755	T	-0.0514

rs11597430	A	0.0587
rs149023017	G	0.1239
rs522400	A	-0.022
rs2653526	C	-0.0206
rs10906147	C	-0.0236
rs72821773	A	-0.1081
rs12771818	T	-0.0221
rs72831427	T	-0.0313
rs12258957	A	0.0191
rs12253538	A	0.0784
rs73615434	C	0.058
rs2724816	C	0.0285
rs78279204	A	-0.0497
rs12254466	T	-0.0307
rs72773980	C	0.058
rs553304	C	-0.0179
rs10787004	A	-0.0183
rs11255645	C	-0.0224
rs10740350	G	0.0444
rs4471339	G	0.063
rs34871678	C	-0.1391
rs74643082	T	-0.0367
rs142621305	A	-0.1409
rs72792228	A	0.0339
rs7092077	T	0.0421
rs143277434	C	0.0566
rs11202972	G	0.0293
rs76664325	T	-0.1006
rs79538519	T	0.102
rs17699290	G	0.0347
rs138572650	T	0.0807
rs11186592	C	0.0195
rs73310302	A	0.0309
rs731364	G	-0.0631
rs116918110	G	-0.0754
rs6584404	T	0.0214
rs76996074	C	-0.145
rs148819656	A	-0.1491
rs72771259	T	-0.032
rs2646419	A	-0.0208
rs10762488	C	0.0192
rs117958058	T	-0.0689
rs12570330	A	-0.0289
rs145964453	T	-0.1199
rs807039	A	-0.0233
rs113757082	A	-0.1009
rs78862295	T	-0.2208

rs10824493	A	0.0304
rs118037945	A	-0.0856
rs11591847	G	0.0246
rs2808042	A	-0.018
rs61868496	G	-0.0426
rs1409296	T	-0.0252
rs11252174	A	0.0687
rs7895446	A	0.036
rs77098290	T	0.173
rs34544599	G	0.0406
rs1171649	A	0.0415
rs55998800	T	-0.0926
rs16918693	T	0.0936
rs78169109	A	-0.0432
rs7895693	T	0.0229
rs116965960	C	0.089
rs117622949	T	0.0759
rs111724523	G	0.1438
rs72803396	T	-0.0567
rs72825770	A	-0.0692
rs79259735	C	0.1147
rs149543507	T	0.0963
rs12779776	C	-0.0691
rs77673666	T	0.091
rs11492545	C	-0.0848
rs147365221	A	-0.0825
rs145717808	T	0.076
rs116248914	G	0.0478
rs12252696	G	-0.0195
rs12767241	A	0.0339
rs10996102	A	0.0509
rs10996828	G	0.0244
rs118099164	A	-0.1173
rs11204289	A	0.0755
rs116934662	A	-0.1542
rs10751962	C	0.03
rs116916149	A	0.0615
rs10762993	A	0.0193
rs2393780	A	-0.0178
rs6584042	C	-0.0342
rs7092673	C	0.02
rs7922110	C	0.0306
rs113435089	C	-0.1285
rs148454295	G	-0.1075
rs2981431	C	-0.0186
rs75811409	A	-0.0741
rs74318857	T	-0.1399

rs75419445	A	0.1069
rs10509854	C	0.0208
rs6482968	C	-0.0248
rs11595643	C	-0.0208
rs60489290	G	-0.0293
rs143368335	A	0.0322
rs72791589	C	0.0296
rs12358612	T	-0.029
rs61852572	G	0.0443
rs118019481	A	-0.0773
rs140784983	G	0.0436
rs17102867	C	-0.0382
rs7080574	C	0.022
rs7912890	C	0.0204
rs112639942	T	0.0665
rs141734849	C	0.0811
rs55872207	A	-0.0351
rs6482681	T	-0.0854
rs4420172	T	0.0256
rs17453066	C	0.0256
rs12256114	T	-0.0689
rs61867367	A	0.1583
rs1703689	T	-0.0212
rs11002435	A	0.0893
rs524760	T	0.0224
rs7099795	T	0.0396
rs6480657	C	-0.0177
rs41294705	T	-0.0807
rs61835660	G	-0.0208
rs74748571	C	0.0697
rs72828286	T	-0.0861
rs78127697	A	0.1537
rs147768445	A	0.0814
rs35377335	A	0.0302
rs140539323	G	0.0186
rs112048000	T	-0.0865
rs41297038	G	-0.0334
rs75925097	T	-0.1151
rs17494291	G	0.0633
rs78840355	C	0.0932
rs7921499	T	-0.0182
rs150255153	C	0.0837
rs138392743	G	0.1089
rs80085486	C	0.101
rs1570426	A	-0.0309
rs7082346	T	0.0192
rs116971723	A	0.0773

rs10905689	C	-0.0239
rs2688789	A	0.0182
rs77973495	G	0.0627
rs1852491	G	0.0258
rs17113735	A	0.0189
rs2997283	C	0.0299
rs117398912	G	0.0929
rs61674060	C	0.1127
rs35202367	A	-0.021
rs117148234	G	0.0738
rs10998384	T	0.1049
rs73322303	G	-0.0708
rs11146120	C	-0.0808
rs7921041	C	-0.025
rs117283726	C	0.1059
rs7100031	G	-0.0179
rs111512410	G	0.0793
rs79756305	C	-0.0622
rs12765966	T	-0.0226
rs4751238	G	-0.0675
rs4750792	T	0.0193
rs55837091	T	-0.0697
rs74477043	C	0.1207
rs141579866	T	-0.0591
rs72802417	A	0.0917
rs45547336	C	0.0565
rs10821709	C	0.0195
rs80247804	T	-0.039
rs138300420	C	0.039
rs11016735	G	0.0547
rs149973793	C	0.0948
rs144628417	A	0.0776
rs117479958	A	0.1172
rs7910869	C	0.0214
rs17581595	C	0.112
rs12247999	C	0.0184
rs11591829	T	-0.0281
rs10824642	A	0.0174
rs7896713	A	0.0773
rs142638762	C	-0.1208
rs1977389	G	-0.0182
rs12762776	C	0.0458
rs2173243	A	-0.0249
rs2248503	A	-0.022
rs11254044	G	-0.0223
rs117075400	A	0.1214
rs12775927	A	-0.0558

rs9665327	G	-0.0275
rs1977823	T	-0.0231
rs11016374	T	-0.0481
rs12358164	C	-0.0187
rs61851650	G	0.0516
rs75618826	A	0.0758
rs10903678	T	0.0261
rs59202497	T	-0.0474
rs10887543	C	-0.0349
rs59484839	G	-0.0898
rs113360081	A	0.1197
rs55856425	T	0.1517
rs146912493	T	0.0751
rs12261272	C	-0.0667
rs55684379	G	0.1287
rs58164418	A	0.0193
rs116966798	G	0.1302
rs11004858	A	-0.1467
rs79408743	G	-0.029
rs61871317	A	-0.0667
rs75777234	G	-0.0828
rs138514971	A	0.114
rs74453770	T	-0.0838
rs11251064	C	-0.0261
rs75867635	T	0.0631
rs117275550	A	-0.0802
rs77997224	G	-0.0458
rs35671509	T	0.1033
rs139236098	T	-0.0942
rs7093035	A	-0.0321
rs72864703	A	0.0538
rs112749099	T	-0.1476
rs11596647	A	-0.0459
rs1570937	A	0.1094
rs2680332	G	0.0293
rs79174007	T	-0.0416
rs2259442	T	-0.022
rs876848	A	0.0207
rs2913115	T	0.0212
rs11592363	T	0.0519
rs77021842	A	-0.0924
rs138693284	T	0.1276
rs1413196	C	0.059
rs1990	G	-0.0446
rs1341054	T	0.0185
rs117001410	A	-0.0568
rs12784701	T	0.0216

rs76877073	A	0.0736
rs914363	C	-0.0179
rs419515	C	-0.0245
rs7067904	T	0.0313
rs117219715	C	0.0761
rs1934053	G	0.0215
rs11201315	T	-0.0468
rs149109483	A	0.0808
rs12414101	G	-0.0227
rs12242030	C	0.0506
rs11146359	T	-0.0281
rs10828176	G	-0.0342
rs2130791	G	0.0187
rs4747170	A	0.0513
rs3781180	T	0.0326
rs1410596	C	0.0254
rs11198042	G	0.0356
rs7912388	G	0.0223
rs10786667	C	-0.0181
rs11253122	A	0.0216
rs72784715	T	0.0476
rs11014433	A	0.0262
rs76276253	T	0.1042
rs4747661	G	-0.0236
rs117527765	A	-0.0569
rs56231742	T	0.1027
rs380003	C	0.0186
rs71475054	T	0.0449
rs117507586	T	-0.0977
rs149110969	G	-0.0481
rs60526605	T	0.0284
rs72799479	A	0.0872
rs1873465	C	-0.0321
rs74756457	T	-0.0461
rs61829431	T	-0.0588
rs7079824	G	0.0195
rs2928461	C	0.0509
rs860912	A	0.0217
rs79517317	A	0.1018
rs7072032	A	0.023
rs10751546	C	0.0179
rs3781338	A	0.0268
rs11198062	C	-0.018
rs114441762	A	-0.0383
rs72825217	C	0.0288
rs4934266	T	-0.0182
rs3129394	T	0.0188

rs16913607	T	0.0778
rs77538607	C	-0.0808
rs79104758	G	-0.0852
rs11204220	A	0.0327
rs11598792	G	0.0683
rs2892166	T	-0.0279
rs11189739	G	-0.0196
rs142214444	A	0.0907
rs11015338	G	0.0432
rs78974648	A	-0.1104
rs604772	C	0.0267
rs149952513	A	-0.0967
rs112000697	G	0.039
rs150498816	G	-0.0472
rs148401823	T	0.0524
rs10823297	C	-0.0539
rs111526946	T	0.0323
rs71495071	T	0.046
rs2493723	A	-0.0178
rs117568502	C	0.0685
rs11188146	C	0.056
rs7094676	G	0.0721
rs117925514	T	-0.0889
rs55949954	A	0.0197
rs61831826	A	-0.0391
rs76917466	A	-0.0745
rs141849839	G	-0.0492
rs4881528	G	0.0237
rs17096421	T	-0.0481
rs7068411	T	-0.0186
rs7895806	T	-0.0259
rs142117385	T	0.1319
rs2181930	C	-0.0218
rs2170778	A	-0.0549
rs7089827	T	-0.0304
rs3919692	C	0.0443
rs79597586	A	-0.0919
rs4082332	T	-0.0785
rs10998476	G	-0.0185
rs117122649	T	0.0699
rs117818701	G	-0.0626
rs3004928	C	-0.0175
rs2485207	C	0.0309
rs117959007	A	0.0519
rs78523773	A	-0.0777
rs10857735	A	0.0403
rs113482481	G	0.1171

rs928337	G	-0.0176
rs955245	G	0.0379
rs7072571	G	0.0317
rs117852793	A	0.0707
rs35366291	A	-0.092
rs4261175	G	-0.0225
rs111595519	A	-0.0433
rs4918511	T	0.0207
rs56217306	G	0.0493
rs61858987	A	0.0653
rs17486941	G	-0.0419
rs2248819	A	0.0854
rs7078308	G	0.0859
rs77550482	G	-0.0702
rs2393596	A	0.0213
rs7083822	C	0.0436
rs12253535	G	0.1421
rs11012680	G	-0.0437
rs16927781	A	-0.0205
rs117095256	G	0.0578
rs113187693	T	-0.0991
rs855987	G	0.0222
rs79859101	G	0.0488
rs1898064	T	0.0176
rs17465590	G	-0.0262
rs4917728	G	-0.0188
rs149462142	T	0.0741
rs78620227	G	-0.0757
rs75318824	C	0.071
rs117218080	A	-0.1622
rs883793	C	-0.0496
rs12780832	A	-0.0439
rs41277962	A	-0.0867
rs55854940	T	-0.0628
rs11255743	T	0.0505
rs3124180	A	-0.0203
rs77391633	G	0.088
rs10902821	A	0.0237
rs7894706	T	-0.018
rs79347484	T	0.087
rs61058481	T	-0.0252
rs72846903	T	0.077
rs143683269	C	0.1718
rs10870333	C	0.0518
rs34448666	C	-0.0618
rs10906149	A	-0.0446
rs140544645	A	-0.0735

rs61840210	C	-0.0404
rs78625734	C	0.0358
rs10764521	T	0.0456
rs7908620	G	-0.0627
rs6482754	A	-0.0351
rs11193676	C	0.0463
rs7101307	G	-0.0181
rs12257709	A	0.0445
rs4935335	G	0.0307
rs117391608	T	0.1029
rs11599310	A	-0.0194
rs151181927	A	-0.091
rs75334740	G	-0.1609
rs7078667	T	0.0504
rs786819	C	0.0355
rs56118652	G	-0.0343
rs11008297	C	-0.0397
rs72829488	C	0.0578
rs17809678	C	-0.0319
rs28987110	C	-0.0394
rs12775265	A	0.0236
rs7093334	C	0.0593
rs7088405	T	0.033
rs72786343	A	-0.0861
rs60801472	A	0.0398
rs1343024	A	0.0464
rs117265656	A	0.095
rs67275451	C	0.0188
rs78383318	T	-0.1805
rs315631	T	0.025
rs55699146	G	0.0666
rs12247154	A	0.0535
rs10994167	T	-0.0644
rs7098186	T	-0.0221
rs10901545	T	-0.0852
rs113391357	T	0.0306
rs74847430	G	-0.0971
rs7095092	T	-0.0382
rs17108061	T	0.0682
rs12415980	C	-0.0338
rs1977850	G	-0.0182
rs4926057	T	0.0469
rs55824528	A	0.0255
rs6584321	C	-0.0261
rs1891193	C	0.0177
rs6584877	C	0.0189
rs2065360	A	0.078

rs146241196	A	0.0479
rs72843179	T	0.0538
rs111772430	A	0.1157
rs1927161	A	0.0236
rs72779582	T	0.0428
rs11187397	T	-0.0965
rs149418734	A	-0.0965
rs11014751	G	-0.0562
rs2208587	G	-0.0251
rs10886813	T	0.0384
rs6480848	G	-0.022
rs117240021	A	0.104
rs117762443	T	-0.1021
rs7918466	G	0.0375
rs147173999	T	0.1023
rs61862999	G	-0.0326
rs11816351	G	0.0207
rs138543040	G	0.1017
rs117666274	C	-0.095
rs72839447	T	0.116
rs3740051	G	-0.0394
rs80076842	A	0.0615
rs12412199	A	-0.0618
rs75023418	T	0.0461
rs75899802	G	-0.0828
rs7094233	C	0.0323
rs117804930	A	0.073
rs117275757	G	-0.1257
rs10786215	G	-0.0191
rs139048109	C	0.0935
rs61841335	A	-0.0307
rs78546077	C	-0.0813
rs10786940	C	-0.021
rs1160630	C	0.0181
rs55657803	A	0.0205
rs10822615	A	0.017
rs10466214	C	0.0215
rs3135752	A	0.0311
rs7088409	C	-0.0233
rs72813972	T	0.0624
rs147513576	C	-0.1635
rs12252469	T	0.0326
rs11192134	A	0.0256
rs1397616	T	0.0679
rs79333346	T	0.0894
rs10906876	A	0.0483
rs7095343	C	0.0686

rs11193744	T	0.155
rs2070705	G	0.0335
rs970664	C	-0.0212
rs873957	G	0.018
rs7895783	T	-0.0346
rs4749035	A	0.0232
rs117692459	G	0.0605
rs117011568	T	-0.0843
rs7078282	C	-0.0211
rs1247004	G	-0.0187
rs4751154	C	0.0187
rs76414740	G	0.0434
rs7893568	A	0.0621
rs117322957	T	0.0404
rs896219	C	-0.0266
rs12570550	A	0.0481
rs72795007	G	0.0408
rs147277828	C	0.033
rs11006569	G	-0.0525
rs10884024	G	-0.0547
rs146994949	C	0.1009
rs142087063	A	0.1865
rs10885423	C	-0.0169
rs11594876	T	0.0213
rs2767070	A	-0.0226
rs113378034	A	0.0898
rs57085186	T	0.0582
rs7907623	A	0.0193
rs74693287	A	-0.1082
rs35937738	A	-0.0247
rs12243667	T	0.083
rs78986365	A	-0.0937
rs112621663	G	0.0702
rs10741141	A	0.0204
rs61855170	A	0.1516
rs72833791	A	0.0976
rs117748484	C	0.1074
rs61840160	T	0.038
rs75211218	G	0.1123
rs117412481	G	-0.0908
rs2495778	A	-0.0174
rs10740486	G	-0.0219
rs7094680	G	-0.0263
rs12783330	T	-0.0672
rs10899829	T	0.0707
rs72806568	G	-0.0416
rs78302556	T	-0.0787

rs117537719	A	0.0589
rs141156562	T	0.0923
rs12263507	G	-0.0734
rs112294233	C	-0.1007
rs2814327	T	0.0202
rs11596482	G	-0.0441
rs115959107	G	-0.0488
rs2459068	T	0.0217
rs117919093	C	0.1362
rs114360065	A	0.0681
rs2142349	T	-0.071
rs76205417	C	-0.0351
rs35054853	A	0.0435
rs76996467	G	-0.0767
rs77918077	A	-0.0559
rs112358299	A	0.0775
rs137985965	A	0.1238
rs9888112	T	-0.0225
rs150318522	A	-0.1162
rs2671709	G	-0.0389
rs75665088	A	-0.0673
rs114589517	T	0.0954
rs9971214	A	0.0648
rs11256585	A	0.0697
rs7092143	T	-0.0342
rs113329269	T	-0.116
rs2269195	T	-0.0175
rs79012500	G	-0.1168
rs1572237	T	0.0229
rs35023605	G	0.0743
rs2488158	A	0.023
rs74130200	A	-0.0331
rs10508314	G	-0.0223
rs9420446	T	0.0357
rs4242724	C	0.0178
rs6602329	C	0.0172
rs11016227	T	-0.0236
rs703014	A	-0.0188
rs10886747	T	-0.0236
rs55714260	G	-0.075
rs7087167	G	-0.0511
rs11013438	A	0.027
rs41281342	T	0.0804
rs149543985	G	-0.1131
rs148681805	G	-0.0678
rs7905553	C	0.0172
rs17536221	C	0.0429

rs117115319	A	0.1424
rs56854660	C	-0.0632
rs79035629	C	0.0758
rs117939042	T	-0.1029
rs7068115	C	0.021
rs12763256	G	-0.0203
rs117074080	A	0.1272
rs10786197	G	0.0287
rs2944522	C	0.0193
rs72779755	A	-0.045
rs61841435	C	0.0313
rs708434	C	-0.0303
rs117809096	T	0.0745
rs139827535	A	-0.0852
rs61832721	C	-0.0265
rs142540848	T	-0.0919
rs2589423	A	-0.0201
rs7917505	C	-0.0398
rs147871755	T	0.0879
rs150265248	G	0.0861
rs11250323	A	-0.0181
rs1332545	A	-0.0267
rs11012223	G	0.0251
rs78835915	A	0.0771
rs61844136	T	0.0438
rs76811600	G	0.1468
rs141303350	C	0.0754
rs61005340	A	-0.0216
rs138888085	C	-0.1131
rs74532201	A	-0.0755
rs751499	A	-0.045
rs1904694	G	-0.017
rs61832014	C	0.0721
rs75290547	T	0.0515
rs34543669	T	-0.0578
rs61863032	G	-0.1266
rs59571548	C	0.0809
rs11255528	T	-0.1009
rs118019887	T	0.1557
rs76931976	C	-0.1127
rs911700	G	0.0226
rs117215684	G	-0.0658
rs10823836	G	-0.0181
rs4918236	T	-0.0172
rs76579874	G	0.0759
rs78377642	T	0.0643
rs1926559	C	0.0338

rs4881072	A	-0.0297
rs2484092	A	-0.0196
rs117540626	A	0.1106
rs9325460	T	0.0897
rs10788312	T	-0.019
rs7082800	A	0.0401
rs1198114	G	-0.0167
rs11003924	T	0.0282
rs12265953	C	0.0489
rs76490543	T	-0.0471
rs4918239	T	-0.0222
rs822075	A	-0.0303
rs2605512	G	-0.017
rs79439167	C	0.0361
rs72845192	C	0.0369
rs117248489	G	0.089
rs10884551	C	0.0329
rs7901538	G	0.0506
rs4746915	G	0.0214
rs1764074	A	0.0205
rs140567520	A	-0.1031
rs1911464	T	0.0285
rs7917174	T	-0.0286
rs2765654	A	0.0471
rs77699142	A	0.0869
rs117952152	T	0.0571
rs1317296	A	0.0958
rs117649165	T	-0.1308
rs11204267	G	0.1177
rs116846297	A	-0.0598
rs2246667	G	0.0418
rs2787158	A	0.0266
rs3124199	T	-0.0172
rs76638381	T	0.0557
rs74805311	T	0.104
rs11238560	T	-0.094
rs74869251	T	-0.0377
rs10885999	A	0.0482
rs4732	T	0.0288
rs4625384	C	-0.0329
rs59522027	A	-0.0432
rs7921950	T	0.0202
rs117623355	T	0.0666
rs515929	G	-0.0239
rs880887	T	-0.0207
rs4880474	T	0.0378
rs3810950	A	0.0192

rs79225871	T	0.0577
rs142169705	A	0.0703
rs117230203	A	0.1177
rs117480075	A	0.0684
rs17255302	T	0.0678
rs117928166	C	0.1947
rs117274510	A	0.0982
rs1336451	C	0.0658
rs61862496	C	-0.0388
rs7074967	A	0.0231
rs9651301	A	0.0464
rs112561387	A	0.0923
rs7895277	T	-0.0186
rs41275244	T	-0.057
rs7912195	A	0.0218
rs77697049	A	0.0549
rs12781317	A	0.0206
rs77625290	T	0.0532
rs79557978	C	-0.0248
rs117574554	C	-0.1013
rs117894744	G	0.0712
rs71486145	G	0.0957
rs12571613	G	-0.0214
rs117241341	A	0.0883
rs61863276	T	-0.128
rs10998437	T	0.1266
rs148021820	C	0.0227
rs2505501	T	-0.0228
rs10788303	A	0.0205
rs72820141	C	0.0341
rs77108246	A	0.0691
rs117062064	T	-0.08
rs6481348	G	0.0198
rs10776669	T	0.0337
rs76692016	A	-0.0796
rs9665386	G	0.0691
rs10751840	G	0.045
rs75253746	T	0.1096
rs142644119	G	-0.1562
rs4568922	C	-0.0238
rs7094347	A	-0.0245
rs11196589	C	-0.0176
rs10787993	T	-0.0208
rs79506900	A	0.1003
rs35510320	T	-0.0604
rs41291862	C	0.0779
rs139361990	A	0.0727

rs7901795	T	0.0929
rs7896327	T	-0.0177
rs79751840	C	-0.0847
rs79220424	G	0.099
rs7914325	G	0.0321
rs7101024	G	0.0291
rs928519	T	0.0448
rs12778455	A	-0.0338
rs11005884	A	0.0216
rs9703762	A	0.0863
rs744254	G	0.0183
rs7088969	T	0.0184
rs148297765	T	0.0847
rs7080775	G	-0.0272
rs61847394	T	0.0589
rs144311573	A	0.1452
rs78742453	C	-0.137
rs140717619	T	0.1202
rs17707151	G	0.0334
rs11007875	T	0.1131
rs80318587	T	0.0467
rs77268649	G	0.0489
rs118004263	A	-0.0932
rs11001406	A	0.0965
rs112994531	G	0.0795
rs2813776	C	0.0219
rs75848191	T	-0.1202
rs7910546	A	0.0268
rs12761241	T	-0.1016
rs61854280	T	0.0808
rs2495733	C	0.0496
rs72781887	A	-0.073
rs1538246	C	-0.0281
rs144916093	T	0.1198
rs12766588	C	0.0253
rs12256689	T	-0.0281
rs7920283	C	-0.0474
rs34043065	G	-0.0276
rs72774724	C	0.0463
rs10905791	C	-0.0199
rs72782359	C	-0.1081
rs28718643	T	-0.0324
rs824157	C	-0.0203
rs61848640	T	0.0573
rs59632809	C	-0.031
rs814620	G	-0.019
rs10882792	C	-0.02

rs10787429	T	0.0191
rs7922974	T	0.0875
rs1443136	T	-0.0277
rs72805736	G	0.0352
rs117918857	A	0.0581
rs7089922	T	0.0583
rs141043949	G	0.102
rs56051930	C	-0.0396
rs2491055	G	-0.0212
rs79003217	C	0.0522
rs42455	A	0.0167
rs56331530	G	0.0461
rs72839711	C	0.0851
rs55976550	T	-0.1009
rs76074975	C	0.0385
rs10905961	C	0.0386
rs77968426	T	-0.0488
rs6480557	C	0.019
rs17824180	A	-0.0199
rs17351092	T	0.0276
rs75891339	T	-0.1159
rs12259125	A	-0.0333
rs76163107	A	0.0671
rs4751828	A	0.02
rs12217931	C	0.0404
rs76516692	T	0.0413
rs2603804	C	-0.0265
rs7901458	A	0.0735
rs1535387	C	-0.0214
rs72769623	T	0.0669
rs117021948	T	0.0662
rs11598594	C	0.0991
rs7069452	G	-0.0203
rs11257408	C	0.02
rs12263149	A	0.017
rs76949305	C	0.0736
rs7070104	G	-0.021
rs139778117	A	-0.0696
rs11189418	A	-0.033
rs112373232	T	-0.0702
rs74233809	C	-0.029
rs6585023	A	0.0271
rs77301832	A	-0.0568
rs12763713	A	-0.088
rs16928947	G	0.0385
rs4917962	T	-0.0265
rs7086886	A	-0.0255

rs17304691	G	0.1409
rs10824201	G	-0.0187
rs6585008	A	-0.0223
rs11196082	G	0.102
rs2399726	T	0.0178
rs12771641	T	0.0417
rs10886897	C	0.0195
rs78762327	A	0.0327
rs113314392	A	-0.0552
rs117204878	G	0.0409
rs7912191	C	0.021
rs11812910	C	-0.0358
rs3862018	C	-0.0227
rs76431751	A	-0.0799
rs74351756	C	0.0676
rs11014014	A	0.0414
rs117385363	T	-0.0981
rs10906860	G	0.0168
rs1339464	G	-0.0232
rs148095496	A	0.0766
rs9420343	A	0.0192
rs17476117	A	0.0296
rs75955695	C	0.0827
rs10886968	T	0.0216
rs71489637	C	-0.0343
rs148858804	T	-0.0521
rs141380377	A	0.1173
rs116924848	G	0.1276
rs113582629	T	0.0436
rs629244	A	-0.0738
rs10994257	T	0.0179
rs4746614	G	-0.0327
rs78743623	C	0.0685
rs77873432	A	0.0927
rs150249331	G	-0.0758
rs61872787	G	-0.112
rs17382682	C	-0.084
rs118046020	A	0.119
rs17503790	C	0.0625
rs2619640	A	-0.0204
rs67847984	A	0.0969
rs17341445	C	0.0277
rs75662805	G	-0.0738
rs12358857	C	0.0528
rs7912069	T	-0.034
rs943101	C	0.0179
rs4746058	G	0.0297

rs17106123	C	0.0718
rs11599872	T	0.0405
rs10899838	C	0.0172
rs1011199	C	0.0535
rs7085750	G	-0.0178
rs860947	G	0.1185
rs145706053	G	0.1001
rs7916508	T	-0.0663
rs17135906	G	0.0524
rs17150707	A	0.0425
rs72792136	A	0.088
rs117759913	C	-0.0781
rs4747154	T	-0.0189
rs72803517	G	-0.0393
rs10788431	G	-0.0176
rs76793515	T	-0.0662
rs10905300	A	-0.0168
rs141347662	T	-0.0909
rs7918258	T	0.0219
rs76754088	T	0.0608
rs75712855	C	0.058
rs78951441	C	0.1037
rs76536421	C	0.0788
rs77284348	G	-0.1016
rs2225819	G	-0.0166
rs71482359	A	0.0628
rs11596018	T	-0.0501
rs111521331	A	-0.0882
rs34404237	T	0.0742
rs72775590	G	0.0401
rs112541502	T	0.0453
rs111569396	A	0.0735
rs61849095	G	0.047
rs72808065	T	-0.1006
rs2152635	C	-0.0206
rs1904602	T	0.0208
rs17323417	G	-0.0894
rs73318413	G	-0.1141
rs9423344	A	-0.0754
rs79438028	T	-0.0649
rs79051267	G	0.0669
rs139333366	A	0.0837
rs7090782	G	0.0301
rs11002738	A	0.0435
rs4750528	G	-0.0235
rs12267584	G	0.0279
rs138428941	T	0.0938

rs116844448	A	0.0896
rs11245145	C	0.0331
rs11200070	A	0.0223
rs11191199	A	-0.0367
rs11244488	A	0.0869
rs7078117	G	0.0184
rs7902605	G	-0.0316
rs61874708	T	0.0693
rs75732942	A	-0.0995
rs4140410	C	0.0188
rs61847476	A	-0.0867
rs117810941	T	-0.1095
rs79196863	T	-0.0455
rs116863697	A	0.0657
rs1092116	A	0.027
rs75588383	A	0.0327
rs117583436	C	0.053
rs56280872	T	-0.0244
rs74148854	A	0.0777
rs11818723	G	0.0261
rs144609379	C	-0.1188
rs1909675	T	0.018
rs4751457	C	-0.03
rs11599741	C	0.0408
rs34266844	G	0.0213
rs78631345	T	0.0428
rs2027473	T	0.1325
rs56294775	A	-0.0368
rs3026694	A	-0.0237
rs71486472	T	-0.0906
rs191614018	A	0.0431
rs72790507	T	-0.0629
rs76496337	G	-0.0858
rs12774914	C	-0.0241
rs116901132	T	0.1705
rs2057435	G	0.0162
rs10882215	T	0.0223
rs76812772	C	0.0824
rs1418913	G	0.0264
rs146346127	G	-0.0765
rs112007943	T	0.0776
rs11245162	A	-0.0339
rs16924879	G	0.08
rs74884059	A	-0.0322
rs60061490	C	0.0544
rs1570652	C	0.0193
rs116112527	G	-0.0498

rs10997445	G	0.0174
rs75171233	T	-0.0721
rs7097772	T	-0.0416
rs150726856	T	0.0801
rs77206146	G	-0.0984
rs75910956	G	0.0982
rs41294637	C	0.0588
rs2478971	T	0.0575
rs34414573	A	0.0465
rs77236065	C	0.0463
rs2251101	C	-0.0188
rs7919221	T	-0.0265
rs947478	G	-0.0301
rs7091571	A	-0.0205
rs11255309	T	0.0287
rs12569837	T	-0.065
rs80112014	T	-0.0904
rs151011947	T	0.0569
rs7917537	T	-0.041
rs11194696	G	0.0635
rs36048667	T	0.0432
rs116845450	T	0.0474
rs57202585	T	0.0235
rs6602613	T	0.0278
rs9422386	G	-0.0835
rs7092269	T	-0.0367
rs72820058	G	-0.0721
rs11591800	A	-0.026
rs117857475	G	0.0741
rs149567446	A	-0.0379
rs71459458	C	-0.0933
rs4359151	T	-0.023
rs10904073	C	-0.0169
rs10904992	C	0.048
rs150141002	G	0.0678
rs118011654	A	0.0535
rs12357851	G	-0.0603
rs9663663	C	0.017
rs12777504	G	0.0513
rs10509771	T	0.0448
rs117035195	G	0.0731
rs75706183	A	0.0973
rs2095648	T	0.0281
rs11015994	T	-0.0208
rs78555852	T	0.0606
rs17235154	C	0.0369
rs2096177	G	0.0775

rs56388432	A	-0.0434
rs1977643	C	-0.0225
rs10763840	A	0.0638
rs55947763	A	-0.0676
rs7910178	T	-0.0192
rs147907061	G	0.0748
rs117541343	A	0.1479
rs10857704	G	-0.0256
rs75937515	T	-0.0448
rs10824180	G	-0.0389
rs61853694	T	0.0579
rs116976374	A	0.0795
rs60381771	A	0.1133
rs7900605	T	-0.087
rs4880635	G	-0.019
rs77931855	C	0.0696
rs12416248	C	-0.0178
rs11256530	C	-0.0251
rs10828669	G	-0.0179
rs10999156	T	0.0522
rs61850940	A	-0.05
rs76137131	T	-0.0329
rs78453281	A	-0.0548
rs1913508	T	-0.0256
rs28420458	A	0.031
rs11011306	C	-0.028
rs117145580	A	0.0992
rs78426660	G	0.0358
rs76879415	T	0.0973
rs117112474	T	-0.0527
rs17102476	C	-0.0444
rs11190797	C	-0.0338
rs3793726	T	0.038
rs1869230	G	-0.0221
rs10999222	G	0.018
rs12785161	A	0.0286
rs2487503	G	-0.0175
rs7922232	T	0.0192
rs117540137	A	0.0585
rs118156983	A	-0.0808
rs117040291	C	-0.1081
rs117474072	C	-0.0472
rs61874865	A	-0.0613
rs78023003	T	-0.0847
rs7478337	T	0.0202
rs117122529	C	0.0901
rs2353945	A	0.0244

rs141803182	T	0.1046
rs116990934	T	0.0696
rs10994293	T	0.0413
rs118072569	A	0.0858
rs7907770	G	0.0184
rs117350270	A	0.046
rs2039385	T	0.0169
rs61451605	C	0.0493
rs79375306	A	-0.052
rs148234103	T	-0.0858
rs807022	A	-0.0227
rs11592039	C	-0.0173
rs4415704	T	0.017
rs117600196	G	-0.0465
rs61850551	C	-0.0277
rs71487170	C	-0.0562
rs118086696	A	0.0908
rs78285942	T	-0.0765
rs2619618	T	0.0226
rs12218954	C	0.0244
rs74894066	A	0.0504
rs76380822	G	-0.0352
rs77499678	T	-0.0379
rs143273357	A	-0.0674
rs149256654	C	0.0757
rs17155703	C	-0.0232
rs12240944	G	-0.1165
rs117016096	T	0.0742
rs112474923	A	-0.0993
rs943119	T	-0.0364
rs1846220	A	-0.0204
rs7076988	C	0.0175
rs2947339	C	-0.1041
rs113022408	A	0.0773
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rs2077854	C	0.0429
rs2255950	C	-0.0192
rs61871722	T	0.0841
rs4962444	A	-0.0203
rs1245540	T	-0.0168
rs74372874	A	0.0654
rs17158558	T	-0.0891
rs72845715	A	-0.1094
rs117082154	T	0.0705
rs61847243	G	0.0393
rs78376960	C	-0.0635
rs11016333	T	-0.0748

rs11598881	T	-0.0287
rs113097655	T	-0.0566
rs72836164	C	-0.0577
rs117875671	C	0.0927
rs17642530	T	-0.1428
rs9971032	A	-0.0202
rs115850809	A	0.0491
rs61876149	A	-0.1204
rs79052663	T	0.0515
rs11018423	G	-0.055
rs75063491	A	0.1027
rs17620824	G	-0.0177
rs647934	G	0.0307
rs139274628	C	-0.0544
rs10829130	A	0.0327
rs12265018	A	-0.0198
rs74117403	T	0.0797
rs112922975	G	-0.0682
rs61852500	C	-0.0269
rs7081331	A	0.0388
rs74840244	A	0.0378
rs60473993	T	0.0488
rs72774681	C	0.1025
rs72841345	A	0.0402
rs2813306	C	-0.0176
rs1043875	A	0.0785
rs9971370	A	-0.0189
rs78132252	C	0.1
rs9943454	T	-0.0259
rs7921289	T	0.0181
rs72831307	T	-0.1013
rs117683843	G	-0.0762
rs4752134	C	0.0443
rs1860260	G	-0.02
rs10903539	G	-0.0171
rs2493694	T	0.0226
rs147513023	A	0.1233
rs145520235	T	0.0921
rs113576887	A	0.0613
rs142391005	G	-0.0429
rs75638457	A	-0.1387
rs1253386	T	0.0189
rs3935271	A	0.0235
rs10829748	A	0.023
rs77295048	T	-0.0611
rs77661619	T	-0.0531
rs76060179	T	-0.0704

rs61639075	T	-0.0247
rs12771428	G	0.0327
rs34652834	A	-0.0373
rs11016118	C	-0.0209
rs61844544	T	0.0674
rs150318971	C	-0.095
rs16919363	G	-0.0411
rs7087632	C	0.099
rs12260647	A	0.0746
rs1360573	G	-0.0248
rs12765060	A	0.0409
rs4750786	G	-0.0268
rs6602514	T	-0.019
rs10824838	G	-0.0171
rs142468886	C	0.0924
rs74599191	A	-0.0349
rs55941893	T	-0.0884
rs1028858	G	0.048
rs1740722	C	0.0395
rs140518949	C	-0.0757
rs139626072	T	0.0555
rs12241663	T	-0.0175
rs116968864	A	0.0605
rs56322317	T	-0.0432
rs72808863	G	0.0485
rs117571731	G	-0.0943
rs142047910	T	-0.0772
rs10870345	A	-0.0361
rs2454778	T	0.0252
rs4748063	A	-0.0247
rs9415987	T	-0.0178
rs12764255	G	0.1235
rs12246110	A	0.0209
rs75198792	G	-0.0455
rs1756742	A	-0.0609
rs10999854	T	0.0194
rs11256803	G	0.0181
rs4918317	T	-0.017
rs147323146	A	0.0816
rs1058240	G	-0.0199
rs641539	T	0.0324
rs181630	A	-0.0335
rs79090051	C	-0.0755
rs7922347	T	0.0871
rs3213031	G	0.0263
rs3930291	A	0.0231
rs1904587	G	0.0389

rs11244952	A	-0.0204
rs77957244	A	0.0285
rs56236249	C	0.0468
rs3890509	A	-0.0615
rs79659403	G	0.058
rs73381895	G	0.0358
rs111887142	T	0.0809
rs138463018	T	-0.0616
rs7074873	A	-0.0214
rs2039566	A	0.0175
rs12240289	A	0.0194
rs10788250	T	0.0323
rs17478850	T	0.0362
rs1334469	A	-0.0157
rs7911271	G	-0.0462
rs12355407	G	0.0423
rs4320877	C	0.0288
rs72773391	C	0.0191
rs72784264	T	-0.0191
rs10508728	T	-0.0203
rs3006547	T	-0.0193
rs17813699	A	0.0294
rs117803272	A	-0.0953
rs7906088	T	0.0203
rs10823688	C	0.0268
rs284630	C	0.0165
rs60790875	C	0.0282
rs117589996	C	-0.0478
rs17103863	T	0.0394
rs2505328	T	-0.0163
rs1618598	A	-0.0165
rs78333648	T	0.0292
rs11251029	A	0.0163
rs72800068	T	0.0416
rs139126232	A	-0.0679
rs4922555	G	0.0373
rs140267185	T	-0.0878
rs1889447	G	-0.0164
rs118020667	A	-0.1034
rs11259300	A	0.0338
rs117954664	T	-0.1007
rs7079209	A	0.0219
rs11252119	A	0.0196
rs17097861	A	0.0497
rs75347344	T	-0.0345
rs9421818	C	0.0171
rs138958253	T	0.0877

rs61874971	A	0.0767
rs4933605	C	0.0221
rs117563914	A	0.0871
rs61243351	G	-0.0281
rs77945839	C	-0.0903
rs17800766	C	0.1219
rs117057168	T	0.111
rs35529233	G	0.0755
rs61857902	A	-0.0813
rs143174366	T	-0.0979
rs7072115	C	0.0477
rs7099827	A	0.0315
rs77957598	A	-0.091
rs11492528	C	0.0228
rs34949105	A	0.1059
rs117909147	T	-0.0574
rs34551097	T	0.0329
rs12774065	C	0.1213
rs11593456	T	0.0463
rs147503158	A	0.0651
rs72821539	T	-0.0804
rs1968874	G	-0.0364
rs915208	A	-0.0305
rs11012419	T	0.0374
rs148030552	T	0.0761
rs118122268	A	-0.1074
rs72834668	G	0.0587
rs75889280	G	0.0663
rs76006004	G	-0.0351
rs2637290	T	0.0204
rs2457863	T	-0.0159
rs76624732	C	0.0479
rs2762610	A	0.0278
rs117842128	C	-0.0615
rs55830975	T	0.0394
rs4919305	G	-0.0221
rs2483864	A	0.023
rs2236210	A	0.0333
rs61861812	T	-0.0283
rs72767591	T	0.0464
rs61841833	T	-0.0677
rs145179971	T	0.104
rs61851331	T	-0.0735
rs138709306	G	-0.0839
rs10885371	A	-0.0202
rs36015241	A	0.0262
rs10788090	G	-0.0221

rs303205	T	0.0393
rs12266278	T	-0.0436
rs34269041	A	0.0634
rs72838993	C	-0.0779
rs146073377	G	-0.1439
rs7908698	A	-0.0351
rs669312	A	-0.0359
rs72831422	A	0.0235
rs79769355	A	-0.0302
rs146219227	T	0.0599
rs12572234	G	0.0273
rs2803613	C	0.0476
rs61831977	A	-0.0304
rs4620622	G	0.0172
rs59976873	T	0.0389
rs117284186	G	-0.1411
rs77381096	G	0.0676
rs2420194	C	-0.0321
rs11016754	A	-0.0222
rs1756754	C	-0.0166
rs12764182	G	0.0205
rs72823671	G	-0.0692
rs142057405	A	-0.1021
rs7896801	G	-0.0178
rs12247601	C	0.0239
rs11014039	A	0.022
rs77703417	A	0.0612
rs1897515	G	-0.0213
rs75876539	A	0.0459
rs17761655	A	0.0479
rs117304669	A	-0.1113
rs34003188	A	-0.0964
rs72807107	A	-0.0222
rs55744556	A	0.0315
rs71508903	T	0.0212
rs7923507	T	0.0369
rs117934281	C	-0.0777
rs1624453	A	0.0159
rs12267145	T	0.0477
rs72841450	G	-0.0189
rs117445072	G	0.0751
rs945294	G	0.0176
rs61860874	G	0.044
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rs827628	T	-0.0187
rs2394799	A	-0.0163
rs75388473	A	0.0465

rs11200432	C	-0.0443
rs57611106	G	-0.0413
rs75172993	C	-0.0325
rs112258452	G	0.0729
rs146396306	A	0.0662
rs7914879	A	-0.0498
rs522186	G	-0.0271
rs6537579	A	-0.0239
rs76773368	T	-0.0854
rs11015740	G	-0.0605
rs2995399	T	0.0169
rs111698799	T	-0.0853
rs1556646	A	0.0163
rs79161527	G	0.0921
rs117507138	T	-0.1041
rs77462070	A	0.04
rs11254951	T	-0.0549
rs149091150	G	-0.0824
rs10905055	A	0.0191
rs117605543	A	-0.0884
rs1993003	T	-0.0486
rs11017726	T	0.0185
rs4948674	A	0.0161
rs56323728	T	-0.019
rs73324316	A	0.0566
rs78514112	A	0.0762
rs75746602	A	0.1225
rs2812491	G	-0.0179
rs7099246	A	0.0215
rs151329457	C	0.0964
rs7897884	T	-0.0983
rs11012327	C	-0.0277
rs34917980	T	-0.0343
rs10995105	C	-0.0199
rs1041168	T	0.0243
rs6597702	G	0.0537
rs61131022	A	-0.0269
rs74725297	G	0.0793
rs12416036	C	0.0692
rs57163392	A	0.0375
rs6560722	G	0.024
rs2182791	T	0.0202
rs1931699	T	0.0528
rs78243484	A	-0.0185
rs11202152	T	0.0213
rs10761956	G	0.0167
rs1996905	T	-0.0187

rs76140648	G	0.0566
rs2815659	T	0.0168
rs12573392	G	0.0236
rs12771128	A	-0.0281
rs79219793	G	0.0439
rs871049	T	-0.0176
rs72843852	T	-0.0364
rs112529115	A	0.0693
rs45606741	G	-0.031
rs71490907	T	-0.0666
rs112712433	T	0.0433
rs72799114	C	-0.0408
rs115548138	T	0.052
rs1775069	C	-0.0254
rs78469760	C	0.0347
rs79872956	G	0.0883
rs11016000	A	-0.0222
rs264320	C	0.068
rs11819364	C	0.044
rs113705523	G	0.0713
rs35885062	G	0.0428
rs4962349	A	-0.0257
rs78823447	C	-0.0527
rs144084967	C	-0.0956
rs55643809	G	-0.0596
rs4979820	G	-0.0213
rs17237130	A	0.0403
rs1926565	G	-0.016
rs3849977	G	0.0208
rs7917395	C	0.023
rs61866265	A	0.0616
rs116896691	A	0.083
rs61855964	C	-0.1184
rs10788037	C	-0.0228
rs76103105	A	0.0495
rs17010614	G	-0.0518
rs2147268	C	-0.0204
rs11251200	T	0.0562
rs11253572	G	-0.0664
rs75423450	T	-0.0774
rs787339	T	-0.0176
rs17688552	A	0.0402
rs116927769	A	0.0459
rs4465305	G	0.0235
rs480216	A	-0.0165
rs12764240	G	-0.0975
rs74868119	T	-0.0573

rs61856370	A	-0.0435
rs1253408	C	-0.0266
rs11594163	G	0.0184
rs12356445	A	0.1156
rs61855372	G	0.0497
rs117398488	G	-0.1295
rs7087073	T	0.0399
rs111868093	T	-0.0721
rs143376929	G	-0.1001
rs72853637	T	0.0365
rs1928721	A	-0.0765
rs11198073	A	0.0277
rs12775744	G	0.0986
rs45586231	A	0.0339
rs11193667	T	-0.121
rs10828786	T	-0.0291
rs60615180	T	0.0289
rs77608875	T	0.051
rs151262952	G	-0.0583
rs72856814	A	0.0817
rs77085282	C	0.0372
rs2126771	C	-0.0299
rs74157655	A	-0.0434
rs74362737	T	0.1541
rs146425016	G	-0.1098
rs10900140	T	0.0175
rs72805647	A	0.0328
rs17129769	A	-0.0453
rs11195970	C	0.0322
rs28742224	T	-0.0317
rs116984867	C	-0.0649
rs7079658	A	0.0442
rs72790387	T	-0.0415
rs17100602	A	0.0183
rs4752324	T	-0.0202
rs6481650	A	-0.023
rs1078534	C	0.0197
rs942787	G	0.0283
rs11599008	G	-0.049
rs112478881	A	0.1091
rs61874883	A	-0.019
rs147645970	G	-0.0793
rs1537289	T	-0.0181
rs57638399	T	0.0473
rs113557487	T	-0.0391
rs72772008	G	0.0664
rs56180092	A	-0.0799

rs4751140	T	-0.0166
rs4558085	A	0.0383
rs115222447	G	-0.0494
rs11196716	G	-0.0229
rs10082483	T	-0.0315
rs12358459	A	-0.1335
rs11199066	C	-0.0197
rs671799	T	0.0161
rs517409	C	-0.0185
rs914318	T	0.0928
rs12774329	C	-0.0394
rs117587752	G	0.0878
rs139784551	G	0.1353
rs2694773	G	-0.0287
rs75172023	T	-0.1255
rs72779340	A	-0.0295
rs113666149	G	-0.0897
rs145436889	C	0.1264
rs117693836	T	0.0756
rs142453037	C	-0.0625
rs1903895	A	0.021
rs72838593	A	0.0359
rs140685313	C	0.1017
rs45590737	G	0.0359
rs144991755	C	0.0788
rs117135562	C	0.1123
rs4934620	G	-0.0178
rs10826223	A	0.0301
rs75006550	A	-0.0685
rs1228412	T	-0.0202
rs112684315	G	0.0624
rs118119197	G	0.0685
rs1542811	A	-0.0159
rs59677277	T	0.0354
rs3105855	G	0.0167
rs112293742	T	0.0264
rs11257839	C	-0.0169
rs147824105	A	-0.1078
rs146185639	A	0.0514
rs7897505	T	-0.0184
rs28710800	T	-0.0692
rs12355201	G	-0.0176
rs10823766	G	-0.0691
rs76841429	G	-0.0314
rs71498215	T	-0.056
rs77033506	G	0.0324
rs72792449	A	-0.0538

rs10829822	A	-0.0167
rs115859966	A	-0.0924
rs150197367	G	0.1125
rs4284335	A	-0.0159
rs77176560	C	-0.0582
rs144183670	A	0.091
rs12416631	C	0.0223
rs1904031	G	-0.0184
rs197775	T	0.0153
rs61875350	T	0.0252
rs61857322	T	-0.0235
rs10510081	G	-0.0243
rs55755542	T	-0.045
rs11017725	C	-0.0226
rs12358884	C	-0.0322
rs6480399	A	0.0234
rs11186651	G	0.0259
rs697170	C	-0.0322
rs6585458	G	0.0287
rs117280114	A	0.0702
rs2368318	T	-0.0199
rs145048761	A	-0.0897
rs845084	A	0.017
rs2786892	A	0.0883
rs11816894	T	-0.023
rs74138087	A	0.0459
rs117519161	A	0.0649
rs7907629	G	-0.0557
rs76800091	A	0.0611
rs4581347	G	0.0201
rs117282327	A	-0.0801
rs12358669	C	-0.1207
rs34225606	G	-0.0653
rs76179237	C	-0.1109
rs118166408	A	0.0875
rs12354686	T	0.0628
rs9415997	A	0.0208
rs79768444	C	-0.0673
rs3829924	A	-0.0693
rs77771394	C	0.053
rs61102903	C	0.0286
rs10904780	A	0.0165
rs113145463	A	0.08
rs7097017	A	-0.0164
rs76556175	A	0.058
rs11014697	C	0.0227
rs61861106	T	0.0504

rs11255289	A	-0.0454
rs77190301	A	0.022
rs11016976	C	-0.0253
rs79207175	C	0.0542
rs1685285	T	0.0166
rs41291854	A	0.1004
rs72853197	T	0.0185
rs12774118	T	0.0367
rs78797844	G	-0.0794
rs78833033	A	-0.0735
rs77158692	G	-0.0498
rs145099062	G	-0.1077
rs117027139	T	-0.0472
rs10829678	G	0.0242
rs117617476	T	0.083
rs34125516	T	-0.0196
rs117725179	C	0.095
rs184844	C	-0.0219
rs35623505	C	0.0199
rs77296510	T	-0.0442
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rs61869035	T	0.0201
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rs7900205	T	-0.0548
rs10906210	A	0.0267
rs7893898	T	0.0447
rs112890285	A	0.0813
rs2368319	G	-0.0156
rs117237308	G	0.1258
rs2776932	C	0.0218
rs74439597	A	0.094
rs2763339	T	-0.0164
rs150127364	T	0.0876
rs59755615	A	0.0433
rs146696018	G	-0.0946
rs11245005	G	0.0337
rs10906676	G	-0.0235
rs10995078	G	0.1098
rs61864255	T	-0.0774
rs58742727	A	-0.0627
rs2438119	T	-0.0205
rs2339569	T	-0.0235
rs143165967	A	-0.0622
rs4746409	G	0.0179
rs3752987	A	0.0439
rs2725200	T	-0.0223
rs56759390	A	0.0335

rs7076272	G	-0.046
rs9423818	C	-0.0268
rs61840042	T	0.0469
rs149990530	A	0.0989
rs958624	A	-0.0533
rs56412124	A	-0.0435
rs113394401	A	0.0488
rs59950163	C	0.09
rs4962554	T	-0.0555
rs117628914	T	0.0395
rs74120216	T	-0.025
rs75055710	A	-0.0524
rs796149	C	0.0241
rs17284174	A	0.0974
rs117440930	G	0.0646
rs72854541	T	0.0954
rs10823644	T	0.0188
rs3789927	T	0.0209
rs1891796	G	-0.0325
rs114247130	T	0.1031
rs148580062	A	0.0643
rs11186779	T	0.0464
rs117343574	A	0.1041
rs17533770	C	0.024
rs74135368	G	0.0332
rs141649988	C	0.0888
rs79802205	C	0.0683
rs117071615	T	-0.1206
rs111805349	A	-0.0857
rs148389210	A	0.1058
rs71491574	A	0.0268
rs117040974	A	0.0517
rs10740661	A	-0.0238
rs11815834	G	-0.0176
rs61847573	G	0.0802
rs12218459	C	-0.0378
rs9418118	G	0.0169
rs116843906	C	-0.0528
rs7898019	C	0.0153
rs78195576	A	0.0367
rs71493110	T	-0.0215
rs1885742	G	-0.0233
rs148348513	A	-0.086
rs140927276	C	-0.105
rs78477008	C	0.0652
rs1244159	G	-0.024
rs72803862	G	0.0833

rs74163357	T	-0.0259
rs142078861	T	-0.1131
rs10904072	T	0.024
rs78753592	G	0.1363
rs72809407	G	0.052
rs2170777	G	0.0291
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rs118082669	G	0.1178
rs2384105	G	0.0158
rs652182	T	-0.0363
rs1706758	T	0.0217
rs4745785	G	-0.0228
rs7923216	G	0.0205
rs76633208	G	-0.0455
rs113598001	T	0.06
rs149459659	A	-0.0702
rs117548093	G	-0.0871
rs10826858	G	0.0266
rs72784778	A	-0.0689
rs35138017	C	0.0428
rs77889510	A	0.0338
rs56857627	G	0.1073
rs11193633	A	0.0279
rs111646844	T	0.0857
rs17155120	T	0.0211
rs79407850	T	0.0324
rs7910111	G	0.0244
rs16934081	T	0.0571
rs75000210	C	-0.1095
rs113092035	C	-0.0565
rs17686448	C	-0.0705
rs112448153	C	0.0787
rs118145328	A	-0.075
rs116935909	A	0.0663
rs77392930	A	-0.0468
rs117645208	T	-0.0583
rs56009417	A	-0.0244
rs56362727	G	-0.0364
rs142295880	A	-0.0527
rs113241511	A	0.1029
rs11195844	C	0.0313
rs148035617	A	-0.0314
rs1148194	A	-0.0196
rs4962364	C	0.0264
rs2186023	A	0.0219
rs80299690	T	-0.0696
rs72767602	C	0.0339

rs10822122	G	-0.0157
rs1748494	G	0.0342
rs3740547	C	0.0159
rs11259362	A	-0.017
rs114211420	G	-0.0745
rs17586234	T	-0.0643
rs61869969	T	0.0795
rs112973792	C	-0.0728
rs74856651	T	0.0877
rs77165579	T	-0.0772
rs11010958	G	0.0189
rs1904837	A	0.0155
rs4747063	G	-0.016
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rs11201988	A	0.0314
rs7923259	T	-0.018
rs75730998	A	0.1022
rs7906097	C	-0.017
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rs142009061	C	0.0656
rs12356274	T	-0.0481
rs117641078	T	0.0622
rs11258516	T	-0.0292
rs35442229	T	-0.0954
rs117696455	A	0.1121
rs10996710	A	0.0188
rs7920092	G	0.0159
rs72773273	T	0.0795
rs10826591	G	0.0211
rs112130694	T	-0.0814
rs77539019	G	-0.0327
rs117762166	T	-0.0691
rs143979479	T	0.0745
rs1906469	T	-0.0225
rs17101312	T	-0.0836
rs118077820	A	0.0945
rs4146431	A	0.0157
rs55914802	G	-0.0429
rs2368251	G	-0.0355
rs150934386	T	-0.0473
rs11251721	T	-0.0198
rs150879770	T	-0.1686
rs117349039	T	0.0379
rs16928644	T	0.0483
rs855762	C	-0.0367
rs239855	T	-0.0786

rs118076488	C	-0.0333
rs61854871	C	-0.0266
rs75992911	C	-0.109
rs10509439	A	-0.0456
rs11597334	A	-0.0806
rs12777794	T	0.0796
rs2797480	G	0.0202
rs4451659	G	-0.0164
rs11248532	G	-0.0193
rs1541015	C	0.0441
rs2997235	T	-0.032
rs11245007	T	-0.017
rs71483706	A	0.0167
rs11002797	T	-0.0203
rs11146458	A	0.0409
rs61838390	T	-0.0287
rs702996	A	0.016
rs4512725	G	-0.0952
rs11254293	T	-0.0262
rs79831892	G	-0.0456
rs74967172	C	0.0608
rs10823700	C	0.0153
rs779671	A	-0.0274
rs10788360	T	-0.0212
rs11256199	A	-0.0454
rs10997400	A	-0.06
rs72794641	C	-0.1003
rs1655626	T	-0.0297
rs10748532	A	0.1062
rs113710348	A	-0.1738
rs117693257	C	-0.0873
rs7916688	A	0.0179
rs145968071	G	-0.0734
rs697367	T	-0.0176
rs12266890	C	-0.1014
rs788053	C	-0.0176
rs7921638	A	-0.0213
rs77913796	G	0.0771
rs727793	A	-0.0464
rs61862907	T	0.0466
rs12218585	G	-0.0171
rs1278377	G	-0.015
rs6602525	A	0.1225
rs117001659	A	0.1537
rs17136510	C	0.0249
rs72811683	A	-0.0384
rs11197885	T	0.0332

rs117866674	C	0.076
rs61872092	T	0.0932
rs80332038	G	0.0368
rs78498277	T	0.0327
rs35634950	G	-0.086
rs7904463	T	0.0162
rs140050548	C	-0.078
rs74804993	G	0.0471
rs12217915	T	-0.0661
rs148513127	G	-0.1356
rs59892663	C	0.0597
rs76623390	T	0.0211
rs34535212	A	0.0201
rs1339481	C	-0.0166
rs17135074	A	0.0381
rs148867016	A	0.0949
rs61836083	C	-0.0659
rs142507929	C	-0.0423
rs12358616	G	0.0468
rs117896921	G	0.055
rs117970233	A	0.0521
rs4750598	A	-0.019
rs145106318	C	0.0442
rs12412818	C	-0.0602
rs150911076	G	-0.1203
rs61858129	G	0.0526
rs3850699	G	0.0162
rs111681402	A	-0.0398
rs3107337	C	-0.0178
rs1077685	A	-0.028
rs112606469	T	0.1396
rs117032512	C	0.1318
rs1503906	A	0.0546
rs75042817	A	0.1028
rs4335461	C	0.0227
rs1470806	T	0.0801
rs386560	T	0.0176
rs4750035	T	-0.0164
rs363312	T	-0.0158
rs144227115	T	0.0835
rs2492648	A	0.0186
rs4363492	T	0.0307
rs11006887	T	0.0315
rs2181043	G	-0.0157
rs12764113	G	0.0258
rs79339496	A	0.069
rs4919517	A	-0.021

rs11198696	A	0.024
rs2997275	C	0.0149
rs117508754	T	0.0633
rs75633961	C	0.0748
rs76314549	T	0.0797
rs12775390	T	-0.0544
rs144328181	A	-0.0273
rs7082000	G	0.0206
rs952199	G	0.0184
rs6602247	T	0.0163
rs74754409	A	0.08
rs117751658	C	-0.0506
rs78151882	A	-0.1045
rs74796329	G	-0.0565
rs58323739	A	-0.0382
rs139876247	T	0.1122
rs10510125	T	0.0284
rs913170	A	-0.0208
rs61836210	A	-0.0632
rs35416088	C	-0.0196
rs79856010	G	0.0461
rs11187529	T	-0.0505
rs593572	C	-0.0151
rs12256979	C	0.0162
rs61866967	T	0.0168
rs144759463	T	-0.0626
rs877396	C	0.0174
rs7899518	C	-0.0159
rs77906158	T	0.1013
rs4747039	A	0.0193
rs7920142	A	0.0183
rs75887708	T	0.0761
rs17521676	T	-0.0973
rs34232042	T	0.0785
rs11017255	T	-0.0409
rs73611886	C	0.0604
rs72783649	A	-0.1077
rs7095792	C	0.0171
rs79366643	T	0.0579
rs2467470	T	0.0198
rs147613713	A	-0.0817
rs74121407	G	0.0915
rs73265130	T	-0.0271
rs1219822	G	-0.0232
rs145896878	A	-0.0451
rs11815387	T	-0.0197
rs11146188	T	-0.081

rs146469548	G	-0.0694
rs11195432	A	0.0165
rs117240274	T	-0.0847
rs55840772	G	-0.0665
rs117219052	T	0.0865
rs9333162	C	-0.0516
rs11013738	C	-0.0519
rs1336188	C	-0.0156
rs78626135	G	-0.0789
rs79726665	T	-0.0719
rs118099215	T	0.0743
rs115615743	A	0.0838
rs2394730	T	0.0157
rs11201729	T	0.048
rs11197908	A	0.0632
rs2610846	A	0.0767
rs11259531	A	-0.0427
rs12262933	T	-0.0339
rs117908493	G	-0.0675
rs2704489	T	0.0391
rs1033922	A	-0.0154
rs17370838	G	0.0187
rs1254861	T	-0.0387
rs117318876	A	-0.058
rs75710989	T	0.0263
rs56295025	T	0.0368
rs3004927	A	0.02
rs76405299	C	-0.0426
rs61849200	A	-0.0342
rs12218381	G	0.0301
rs11251827	A	0.0355
rs3995795	C	-0.0173
rs55832864	A	0.0206
rs12267895	A	-0.0376
rs112855183	A	-0.0856
rs77038317	A	-0.0227
rs7078198	G	-0.0156
rs7091178	A	-0.026
rs7917660	G	-0.0153
rs11191655	C	-0.0206
rs11254337	T	-0.0198
rs147779026	T	-0.0661
rs72637026	T	0.0353
rs701854	C	0.0159
rs76160891	C	-0.0798
rs2277212	A	-0.0204
rs11012570	A	-0.0676

rs78824587	T	-0.0694
rs150356848	G	0.1316
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rs45601232	G	-0.1168
rs16919757	C	0.0542
rs17231476	T	0.0363
rs656127	T	-0.0184
rs79486073	A	-0.0429
rs3026755	C	0.0514
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rs59948867	A	-0.0571
rs112568451	T	0.0492
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rs6584551	C	-0.0618
rs113589873	A	-0.1219
rs1887142	A	0.0889
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rs117147712	A	0.0575
rs11016932	T	0.0639
rs11599632	C	0.0174
rs144527777	C	0.0882
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rs4749995	A	0.0147
rs78904357	A	0.0661
rs17615562	T	0.0559
rs117315821	A	-0.1035
rs4838740	G	0.0341
rs3125729	A	-0.0155
rs4746010	G	0.0375
rs41277968	A	-0.0308
rs72810392	T	0.0882
rs142960406	G	0.0975
rs56194110	A	-0.018
rs60106199	T	-0.0699
rs117144066	A	0.0373
rs11200077	T	0.0256
rs7898109	T	0.049
rs74711339	G	-0.0303
rs12356213	T	-0.0309
rs12255398	C	0.027
rs146175627	A	-0.101
rs11245128	T	-0.0341
rs117131823	G	0.0684

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rs79245743	T	-0.0649
rs77202663	A	0.0315
rs11598189	T	0.018
rs147486062	T	0.0603
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rs61838432	T	-0.0265
rs11007479	A	0.0251
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rs2348331	C	-0.0235
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rs2680310	A	0.0149
rs75924779	A	-0.0642
rs11195815	A	0.0486
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rs75718137	A	-0.0687
rs117431311	G	-0.0696
rs1621183	G	-0.0386
rs4745999	T	0.0309
rs1931902	A	0.0161
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rs112357539	A	0.0567
rs2783438	T	0.0218
rs77630752	A	0.0362
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rs118166606	A	0.0543
rs2419834	T	-0.0239
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rs71501209	A	0.0579
rs74144932	G	0.0664
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rs72841029	C	-0.0738
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rs4143249	A	-0.0198
rs148922370	T	0.0591
rs1853950	T	-0.0149
rs61864362	T	0.0215
rs3011775	A	-0.0674
rs10886707	A	0.0179
rs35650	A	-0.0271
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rs17513725	A	0.0187
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rs117386563	C	-0.0992
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rs138064813	A	-0.061
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rs144368661	T	0.084
rs61853327	A	-0.1159
rs147038744	A	-0.055
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rs10882749	C	-0.0829
rs61863170	T	-0.0936
rs12769836	T	-0.0193
rs116858643	T	-0.065
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rs116926055	T	-0.0829
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rs1759355	T	0.0469
rs117884442	T	0.0585
rs67395401	G	-0.0191
rs79968145	C	0.0824
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rs1977584	A	-0.0211
rs10823009	A	-0.0213
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rs625792	C	-0.0174
rs151165594	G	-0.0481
rs2435588	G	0.0226
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rs118079738	T	-0.0877
rs35373694	A	0.0497
rs117941375	A	0.104
rs12240713	A	-0.0263
rs7085457	A	-0.0432
rs6479969	C	0.0234
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rs2167445	T	-0.0347
rs2435341	T	0.015
rs9421801	A	0.0315
rs575510	A	0.0212
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rs77815376	A	0.0235
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rs138073433	T	0.0922
rs855715	T	0.0228
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rs12356383	T	0.094
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rs55861950	G	-0.054
rs10795749	C	-0.015
rs117101261	G	-0.1055
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rs72763728	T	0.0603
rs34027341	A	0.0491
rs74342842	A	0.1124
rs61864017	T	-0.0349
rs6602809	C	0.0163
rs74820476	A	0.0371
rs34246723	C	-0.0273
rs55694622	A	0.0463
rs10906847	A	0.0194
rs56277921	A	-0.0227
rs17138791	A	-0.0437
rs142091224	C	0.1006
rs74679792	C	0.0811
rs11593395	C	-0.0724
rs6602286	C	-0.0254
rs142537880	C	-0.0601
rs3793721	G	-0.0169
rs12359315	T	-0.0145

rs77206664	T	-0.112
rs1389	G	-0.0194
rs4919222	T	0.0163
rs146259380	A	0.0683
rs117150127	T	-0.0652
rs76966499	T	0.0464
rs61868682	C	0.0481
rs9731091	C	0.0231
rs77096551	A	-0.0249
rs593005	G	0.0239
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rs75155642	T	-0.0664
rs10906126	A	0.0226
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rs6583988	G	0.0677
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rs72769963	A	-0.0936
rs2787150	T	-0.0157
rs117861214	A	-0.0681
rs12766692	T	-0.0298
rs143991235	C	-0.0684
rs2104157	A	-0.0168
rs12358123	G	0.0183
rs12358465	A	-0.0328
rs35108303	T	0.02
rs10899913	G	-0.015
rs2768738	G	0.0174
rs75592601	G	0.0539
rs1806474	A	0.0157
rs7082389	A	0.0325
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rs11593185	T	0.0311
rs111564993	T	-0.0468
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rs11258392	T	-0.0177
rs11597566	G	-0.057
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rs147141806	C	0.1172
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rs117431377	C	0.0909
rs72812431	C	-0.0691
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rs762035	T	-0.0184
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rs4748379	A	-0.0146
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rs11596732	T	-0.0296
rs7907638	A	0.0262
rs55893027	T	0.0147
rs55987917	T	0.0206
rs17755874	G	0.0226
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rs2797554	G	-0.0177
rs12768055	G	-0.0167
rs7091403	A	0.0439
rs34210369	T	-0.0976
rs76561230	A	0.0294
rs10995570	A	0.0568
rs4934461	A	-0.023
rs7394012	T	-0.0194
rs80225795	A	-0.1213
rs34641051	C	0.0195
rs7071467	G	-0.0217
rs112718794	A	0.0625
rs74623093	G	0.0464
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rs79442824	T	0.0567
rs4980084	G	0.0268
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rs12780315	A	-0.031
rs509651	G	-0.0347
rs117394098	C	0.0647
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rs73288574	C	-0.119
rs7071285	C	0.0336
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rs720784	T	-0.0227
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rs115606683	C	-0.0672
rs4073311	A	-0.0187
rs79241318	T	-0.0715
rs4752294	G	-0.016
rs146200631	G	-0.0794
rs78143420	A	0.0549
rs116893376	G	-0.0629
rs61855879	T	0.0661
rs11187554	A	-0.0471
rs12778970	A	0.0838
rs181664	G	-0.0154
rs75137577	A	0.0522
rs17730760	A	0.0192
rs11595278	A	-0.0213
rs11594601	G	-0.0239
rs9418996	C	0.018
rs72772094	T	0.044
rs143263211	T	0.0448
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rs7098285	T	0.0158
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rs112698917	G	-0.0188
rs2055040	T	-0.0162
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rs1171591	T	-0.0656
rs10870265	A	-0.0184
rs78910353	C	-0.0827
rs2083872	T	0.077
rs76543662	C	-0.0334
rs117351944	C	0.0597
rs75483945	T	-0.0447
rs117221602	T	-0.1149
rs138280732	A	0.0515
rs945562	C	0.0149
rs75296114	C	0.031
rs7394241	A	-0.02
rs78319414	A	-0.0786
rs7899120	C	0.0231
rs10763694	A	0.0146
rs139899818	A	-0.0563
rs142769997	C	0.0788
rs142277299	T	0.0409
rs60806452	A	-0.065
rs117406255	T	0.0531
rs10906698	A	-0.0214
rs146750954	G	0.099
rs80184570	A	0.0416
rs150658858	T	-0.083
rs2692769	G	-0.0291
rs7095043	A	0.0145
rs12775479	G	0.0502
rs78902843	A	-0.0571
rs79633149	G	0.0331
rs74597962	T	-0.1054
rs17816696	C	0.0246
rs143030124	T	-0.0582
rs12264562	C	0.0522
rs72842101	T	-0.0377
rs12255544	A	-0.0311
rs117309371	A	-0.0718
rs11011726	T	-0.0329
rs74779652	G	-0.0971
rs893503	A	-0.019
rs115684359	G	-0.0638
rs1247467	A	-0.1145
rs10999526	C	0.0248
rs61854637	C	-0.0318
rs11257348	T	0.0361
rs12777782	A	0.0283

rs111492043	A	0.0678
rs667613	T	-0.0389
rs61830425	A	0.0454
rs7082489	A	0.0197
rs117503534	A	0.0733
rs35716502	C	-0.0534
rs74147457	T	0.0249
rs145713256	T	0.0586
rs141203118	A	-0.0748
rs59272539	A	0.0254
rs4019515	A	0.1046
rs75942769	T	0.0617
rs116977492	G	0.0467
rs1801287	A	-0.0181
rs180727	T	-0.0189
rs147472926	T	0.0936
rs144865251	A	-0.0821
rs10764302	A	-0.0282
rs35890579	T	-0.0591
rs11016451	T	-0.0347
rs72771383	C	0.0293
rs10787491	T	0.0155
rs10905740	T	-0.0217
rs145617019	G	0.1099
rs7090885	C	-0.0145
rs77262200	A	0.0601
rs2820622	G	-0.0311
rs7087572	A	0.0234
rs72800342	C	-0.0329
rs147298916	T	-0.0441
rs1753337	A	-0.0884
rs12767865	T	0.1659
rs11594067	T	0.0192
rs117650749	C	-0.1121
rs3019502	A	0.0306
rs1334540	C	0.022
rs146180579	G	-0.0708
rs77745635	C	-0.0564
rs116942632	G	0.082
rs117347328	T	-0.0848
rs935444	G	0.0153
rs34798039	C	-0.053
rs117828762	A	-0.0933
rs1977583	A	0.0145
rs141456838	T	0.0831
rs2386636	G	0.0155
rs72818438	A	-0.0235

rs79318920	G	0.068
rs7073109	A	-0.051
rs11192617	A	-0.0196
rs113530235	C	-0.1065
rs2394300	C	0.0151
rs61873892	T	0.0622
rs2813440	T	-0.0153
rs66798099	A	-0.0198
rs150783484	G	0.1167
rs61856614	T	-0.0821
rs35120998	A	0.0385
rs11574852	C	0.0526
rs117711043	T	0.0612
rs72780230	A	-0.0389
rs7910036	G	-0.06
rs112893083	T	0.0295
rs35489812	C	-0.0249
rs7074477	G	0.0192
rs113696518	T	0.0184
rs72826245	T	0.1216
rs118167388	T	0.0616
rs117473180	T	0.0733
rs75595796	A	0.0519
rs1322327	G	0.0168
rs7082366	C	0.0464
rs56414081	A	0.0813
rs60914779	A	-0.0347
rs11598029	G	-0.0962
rs7071965	A	0.0184
rs61863609	G	-0.0705
rs117902028	C	-0.079
rs61834860	T	-0.0449
rs117688784	T	-0.051
rs11254883	G	-0.0392
rs7909371	C	-0.0232
rs2893808	T	0.037
rs79595592	T	0.0493
rs61859394	C	0.0486
rs9423349	T	0.0177
rs17739429	A	-0.0287
rs139150190	T	0.0486
rs4933851	T	0.0321
rs66523819	A	0.0287
rs7894390	G	0.0144
rs74552305	G	-0.1152
rs2676187	T	-0.0143
rs77325635	T	0.033

rs10128158	G	-0.032
rs77185906	G	0.0305
rs7097680	A	0.0141
rs75236121	A	0.1027
rs10822853	T	-0.0161
rs17152806	A	-0.0745
rs3213056	A	-0.0377
rs17555802	G	-0.024
rs76722744	A	-0.1032
rs73587361	T	0.0583
rs115865745	A	-0.102
rs1858608	T	-0.0157
rs61868154	A	0.0169
rs12248926	A	0.0281
rs141758394	T	-0.0353
rs1926699	A	-0.1062
rs117477917	T	-0.0848
rs79213676	C	-0.0533
rs1892403	C	-0.0202
rs61857293	A	0.0312
rs10508998	T	-0.0301
rs17424286	T	-0.0149
rs75262366	A	0.0469
rs2839662	G	0.1004
rs60248962	T	-0.0405
rs57319805	C	0.0613
rs4751132	A	0.0626
rs741804	C	0.0457
rs74893653	A	0.1034
rs12258526	A	-0.0387
rs12268645	T	-0.0167
rs10887918	C	-0.0233
rs11200411	T	0.0254
rs11596109	C	0.0566
rs76008048	G	-0.0683
rs11596669	A	-0.0327
rs4948917	A	-0.0291
rs1613776	T	0.0343
rs3747866	A	-0.0294
rs113435323	A	0.0769
rs11001965	G	-0.0143
rs10741142	G	-0.0153
rs61844022	C	0.0388
rs75285491	C	-0.0443
rs2125839	T	0.0152
rs12781755	G	0.0481
rs72826668	A	-0.0368

rs115517033	T	0.0568
rs141503557	A	-0.0913
rs612482	C	-0.0149
rs75473018	A	0.0807
rs117268910	T	-0.1555
rs76234839	T	0.1203
rs139998531	A	0.1014
rs118170502	T	-0.0628
rs143913410	G	0.0624
rs139770154	G	-0.0703
rs11595744	G	0.1259
rs74475781	A	-0.0397
rs1776591	C	-0.0144
rs116561107	C	-0.119
rs1690632	C	0.0195
rs74152967	A	0.0356
rs13376724	G	0.0163
rs117591348	G	-0.0837
rs148162056	A	0.0914
rs72842971	G	-0.0567
rs7076408	G	-0.0341
rs113099330	G	-0.0496
rs34258854	C	0.0283
rs72811231	T	-0.0402
rs1915635	T	0.0239
rs7077297	T	0.0735
rs117843751	T	-0.1298
rs10870211	C	-0.0602
rs72772752	C	-0.036
rs76233474	T	0.0803
rs145682498	A	0.0872
rs75859278	C	0.07
rs11592870	T	-0.0763
rs78580320	A	-0.0634
rs79615672	T	-0.0792
rs7068087	T	0.0341
rs117545173	A	-0.0822
rs12354638	T	0.0625
rs2789317	C	-0.0254
rs12768580	G	0.0244
rs874564	C	0.0831
rs61875499	T	-0.0521
rs11101747	G	0.0788
rs138608414	G	0.0896
rs77629318	T	0.0798
rs142691560	A	-0.0587
rs1963808	G	0.0554

rs111899271	G	-0.0398
rs76509618	G	0.067
rs34292918	T	0.0332
rs34600782	G	-0.0356
rs118099662	G	0.11
rs74116453	G	0.0522
rs10795661	T	-0.0253
rs138415742	C	0.0637
rs7085583	G	-0.0169
rs118107112	A	0.0895
rs147698595	G	0.0819
rs72779587	A	-0.0479
rs16921624	G	-0.0685
rs76083221	T	0.045
rs141646081	T	0.0976
rs1953661	C	0.0172
rs12354441	C	-0.0163
rs77828306	T	0.0283
rs12356684	C	0.0186
rs560224	C	-0.0497
rs2219380	A	0.016
rs113020242	C	0.0535
rs1665587	T	-0.02
rs12357281	C	0.0291
rs72836749	T	0.0336
rs77215157	A	-0.0515
rs1749824	A	0.0139
rs79494787	A	0.0609
rs4612732	A	0.0786
rs7920427	A	-0.0276
rs882531	A	0.0227
rs112597366	G	-0.0888
rs224759	C	0.0245
rs74486506	T	0.0241
rs2981751	G	-0.0211
rs11014224	A	-0.0643
rs11200395	G	0.0234
rs7911217	A	0.0197
rs17673996	A	0.0682
rs2803603	A	-0.0209
rs1105500	C	-0.0158
rs146824197	G	0.0555
rs61849169	T	0.0594
rs76296054	G	-0.07
rs116884438	C	0.0928
rs1782644	G	0.0252
rs11187252	T	0.0276

rs17418706	T	-0.0252
rs56145188	C	0.0177
rs11016169	T	0.0427
rs1946931	C	-0.0426
rs72843810	C	0.129
rs140139544	T	-0.0732
rs117389345	G	-0.0476
rs141703641	A	0.0535
rs17738042	A	-0.0345
rs4880998	C	0.0149
rs7918053	A	-0.0157
rs10999249	C	-0.0143
rs141002582	C	0.0767
rs113400260	C	0.0636
rs61873773	G	0.0651
rs1556638	T	-0.0441
rs150284498	T	0.0601
rs149596473	T	0.067
rs11596487	C	0.0269
rs2784932	G	-0.0165
rs12783659	A	0.0502
rs7076580	C	-0.0178
rs111938654	T	-0.0701
rs72779871	A	0.0917
rs138480272	A	0.1052
rs7358225	G	0.0193
rs60399947	G	-0.0462
rs117035907	G	0.0576
rs77792948	T	0.061
rs142053362	T	-0.0581
rs7905496	A	0.0438
rs10994713	T	0.0138
rs117168459	C	0.052
rs1064072	G	0.0168
rs7072696	A	0.0158
rs6560794	A	0.0207
rs9943391	A	-0.0304
rs4586076	C	0.0284
rs10905897	A	-0.0187
rs77120381	T	0.0641
rs4751241	T	-0.0185
rs147149917	A	-0.0553
rs12777937	T	0.0857
rs10763190	T	-0.0154
rs61876366	T	-0.03
rs4919333	A	-0.0238
rs67317498	T	0.0274

rs72771634	A	-0.0181
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rs77572413	T	-0.0333
rs4745976	A	0.0211
rs72818271	G	-0.0579
rs76788810	T	-0.0431
rs74651790	A	-0.0179
rs77570397	C	-0.0769
rs75053686	G	0.0773
rs17141685	G	0.054
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rs147930122	G	-0.0608
rs7917651	C	-0.0312
rs41305022	A	0.1033
rs3135821	T	0.0291
rs117734758	A	-0.0941
rs76818169	A	0.0165
rs76098923	T	-0.0538
rs11009475	A	-0.0195
rs1665636	A	0.0392
rs2912763	G	0.0168
rs141725614	G	-0.0781
rs11146526	G	-0.0223
rs75547204	G	-0.0675
rs150679025	T	0.1157
rs3862019	T	0.0178
rs10740548	G	0.0139
rs72809856	G	-0.0459
rs78971449	T	-0.0295
rs148223994	G	-0.1037
rs11200510	T	-0.0289
rs10794202	C	0.0192
rs72804425	C	0.055
rs11006586	C	0.0179
rs78381555	T	-0.0379
rs1970229	A	0.0145
rs79666215	G	0.0195
rs7093628	A	0.015
rs61830471	T	0.0153
rs10826085	A	-0.0194
rs72807022	T	0.0618
rs12414118	A	-0.0319
rs16923642	G	0.0703
rs10796042	T	0.0169
rs6480516	T	0.02
rs61857804	G	0.0354
rs36076407	T	0.0755

rs146339450	G	-0.1099
rs12765721	A	0.0179
rs74148920	A	0.071
rs11594938	A	-0.0574
rs3936016	T	0.0338
rs4582883	T	-0.0168
rs147185956	C	0.0725
rs17710721	A	-0.0357
rs3996491	G	0.0208
rs6602703	G	0.0142
rs72768695	T	-0.0545
rs117936587	A	0.1024
rs7910936	C	0.015
rs2819044	G	0.014
rs74433494	C	0.0778
rs79499360	G	0.0666
rs138832514	A	-0.0613
rs55808464	C	-0.043
rs117287552	A	-0.0661
rs146987464	G	0.0546
rs61874695	A	0.0422
rs117599310	C	0.0522
rs10430710	G	-0.0334
rs1409046	T	0.0232
rs75194882	A	-0.0456
rs144371606	A	0.0979
rs10825025	C	0.0266
rs10509239	C	-0.0982
rs76106906	C	0.0287
rs2026915	G	-0.0648
rs150065886	G	0.0778
rs4747826	T	0.0191
rs113493661	A	0.0528
rs12783377	C	0.0143
rs1756741	C	0.0146
rs61867686	C	-0.0288
rs3847430	G	0.0165
rs4948234	G	-0.0271
rs117050497	G	0.0668
rs12260899	G	-0.0146
rs10762666	A	0.016
rs11199442	G	0.0623
rs12360112	A	0.0242
rs12263081	T	0.0173
rs2243438	A	0.0673
rs7072856	G	-0.0163
rs2674328	A	0.0148

rs11196017	A	-0.0321
rs1372802	G	-0.0189
rs77651552	C	0.0448
rs74347407	A	0.0346
rs59259654	T	-0.0285
rs148603211	A	-0.0338
rs117925643	T	-0.0546
rs79737497	T	0.1004
rs77022003	G	0.0902
rs11197603	C	0.0192
rs143166862	G	0.0652
rs7101291	T	0.0319
rs12355257	T	-0.0432
rs145176301	G	0.1077
rs9422854	A	-0.0235
rs7911974	A	0.0152
rs111623883	G	-0.018
rs41282254	A	-0.0539
rs148528636	C	-0.1292
rs6560760	T	0.0353
rs77802094	A	0.049
rs1573204	T	-0.0174
rs11255788	A	-0.0318
rs77385970	G	-0.0523
rs75392602	A	-0.0341
rs12248509	T	-0.033
rs61843170	A	-0.0389
rs147820003	G	-0.075
rs2249656	T	-0.0144
rs7084731	A	-0.0234
rs72815176	T	0.0651
rs112062107	C	-0.1004
rs57732085	C	0.0148
rs17807102	A	0.037
rs34864972	G	-0.044
rs10904838	G	-0.0386
rs2399990	A	-0.0139
rs116923347	G	0.0434
rs2297646	G	0.0155
rs146522491	A	0.0597
rs7091190	T	-0.0451
rs77648923	A	0.0365
rs4880994	C	0.047
rs117801849	G	0.0601
rs111922060	T	-0.0823
rs11192544	T	0.0439
rs7895249	C	0.0972

rs10752124	T	0.0138
rs61839354	T	-0.1033
rs76288146	G	0.0408
rs808258	A	-0.019
rs4319428	A	0.0447
rs139970388	T	0.0393
rs78509553	A	0.0497
rs117117699	C	-0.077
rs61838873	T	0.0383
rs7086613	T	-0.024
rs11017840	A	-0.025
rs117166897	G	0.1046
rs913517	C	-0.0151
rs17384979	A	-0.0521
rs72820782	A	0.0668
rs7913538	A	0.015
rs115410527	T	-0.0351
rs75967778	T	0.0842
rs787024	G	-0.0284
rs11011985	T	0.0338
rs11187826	G	0.0216
rs4962391	G	0.0156
rs17122870	A	0.0226
rs80210217	T	-0.0369
rs17152995	T	0.0603
rs7080366	T	0.0147
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rs6583779	T	0.036
rs3814575	C	0.0151
rs145105391	C	-0.0239
rs6537556	T	-0.0163
rs117294375	T	0.0639
rs3748218	T	0.0204
rs17627255	A	0.0536
rs117824913	A	-0.0569
rs72762911	T	-0.0667
rs12777206	C	0.0971
rs4748380	T	-0.0252
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rs145183937	G	0.1006
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rs11528634	C	-0.058
rs12357408	A	-0.0596
rs11254975	A	0.0212
rs1276723	C	-0.0277
rs79266898	C	0.0803
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rs79207363	T	-0.041
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rs12415461	A	-0.0439
rs75614757	A	-0.0606
rs384376	C	-0.0145
rs11597831	T	-0.0164
rs138207226	A	-0.0828
rs11815169	C	-0.0168
rs118072535	T	0.0556
rs77140506	G	-0.0654
rs76844723	G	0.0377
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rs61844520	T	0.0234
rs17809970	A	0.0411
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rs77105845	A	0.0757
rs12780429	G	-0.0311
rs12783958	C	-0.0192
rs60980121	T	-0.0287
rs61833392	C	0.1027
rs79186910	G	-0.0475
rs4918407	T	0.0713
rs117733584	T	0.0833
rs3123719	T	-0.0174
rs7099502	T	-0.0191
rs12261961	C	0.0196
rs1218430	A	0.0207
rs11011545	G	-0.071
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rs7897640	C	-0.0303
rs76356742	C	0.0673
rs148097730	A	0.082
rs11250861	T	0.0226
rs11817889	G	0.0141
rs2383992	T	0.0143
rs72782185	A	0.068
rs1578777	T	-0.0158
rs2991771	G	-0.0155
rs12414547	C	0.0636
rs80319002	C	0.0229
rs12777509	G	-0.0365
rs11575686	C	-0.1469
rs11199130	C	0.015
rs78410790	G	-0.0457

rs145969661	T	0.0774
rs61863972	C	0.083
rs78442174	C	-0.0345
rs138773508	A	0.0851
rs72776701	T	-0.0694
rs10900290	T	0.0171
rs113481554	G	-0.0921
rs4980069	G	0.0177
rs12247493	C	0.0155
rs11259202	T	-0.0147
rs77470908	C	-0.0314
rs1871448	G	0.0151
rs11258848	A	-0.0175
rs1863833	A	-0.0308
rs138472141	T	0.1172
rs11199513	T	0.0178
rs10899857	T	-0.0178
rs77636900	A	0.0824
rs12766190	G	-0.019
rs12257270	G	-0.036
rs11198937	A	0.0312
rs79228572	A	-0.0513
rs4948440	T	0.0304
rs74141500	G	-0.0411
rs117439994	A	0.0527
rs3026734	A	-0.066
rs61828723	G	0.0403
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rs112209042	A	-0.041
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rs10786623	G	0.0172
rs11012683	T	0.0437
rs4881130	T	0.0498
rs11193408	C	-0.079
rs2845924	A	-0.0216
rs35075409	A	-0.0501
rs67924127	G	0.0367
rs12765333	G	-0.0335
rs34267967	T	0.0173
rs17287438	T	-0.0728
rs116981678	A	-0.0597
rs11251166	C	-0.0164
rs1004296	C	-0.0194
rs4409768	C	0.0154
rs10998540	T	0.0225
rs4271316	T	0.0138

rs10793625	G	0.024
rs2248956	T	-0.0142
rs142520010	A	0.0643
rs3105299	C	-0.0149
rs79807146	A	-0.0519
rs7898029	G	0.0878
rs10904603	C	0.0168
rs75877077	T	0.047
rs11259539	C	0.014
rs2393783	A	-0.0194
rs74936827	T	0.0581
rs7092223	A	0.0148
rs56144923	G	0.0184
rs151259408	C	0.0521
rs945142	T	-0.0139
rs9783253	T	0.0151
rs7085356	T	0.0327
rs145918498	C	-0.1124
rs144832455	A	-0.0814
rs1149979	A	0.0141
rs11203073	A	0.0556
rs79554609	T	-0.0542
rs1536088	T	0.0143
rs11594179	T	0.0164
rs6602679	G	0.0142
rs2637637	C	0.0249
rs78297390	T	-0.032
rs142527895	C	-0.069
rs11202915	A	-0.0152
rs34234687	G	-0.0138
rs12779869	A	-0.0774
rs10795470	T	-0.0294
rs140287625	A	-0.0808
rs144780890	A	-0.0627
rs140347896	A	0.0486
rs10794133	A	-0.0166
rs6602025	T	0.0355
rs12098638	A	-0.0266
rs75644171	C	-0.0807
rs11016152	G	-0.0204
rs1647202	T	0.0351
rs61852894	A	0.0866
rs12263685	C	-0.0565
rs56307671	T	0.0788
rs61861700	C	0.0901
rs60633862	C	-0.0587
rs76435187	C	-0.042

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rs2392946	C	-0.0212
rs75027289	T	-0.0252
rs4148915	G	-0.0414
rs4918785	A	0.0296
rs72782057	A	0.032
rs112911942	T	-0.0651
rs112607568	G	-0.0317
rs7093673	T	-0.0152
rs2892272	A	0.0289
rs10786578	T	-0.0177
rs61833071	A	0.0196
rs78588018	A	0.051
rs877663	G	0.0214
rs112619191	G	-0.0665
rs79509032	C	0.0265
rs12570606	C	-0.0146
rs7913448	C	-0.0216
rs12414832	A	-0.0222
rs111790671	C	0.0228
rs140302103	A	0.033
rs3814572	G	0.029
rs77505784	C	0.0522
rs12268707	G	0.015
rs61865567	T	0.0618
rs117272312	A	0.0743
rs112372646	T	-0.0345
rs10509922	A	-0.0198
rs35687725	T	-0.0199
rs855969	G	0.015
rs72782016	A	-0.044
rs72780397	A	0.0213
rs113415445	G	0.0166
rs72792547	C	0.053
rs117820739	T	-0.0301
rs75909562	T	0.0932
rs4933236	C	-0.0162
rs7903554	G	0.0293
rs77609090	C	-0.1171
rs11016251	A	-0.0277
rs11255043	C	0.0531
rs12774422	C	0.0371
rs3123679	C	-0.0223
rs2172305	A	0.0894
rs7100298	T	-0.0236
rs12218446	G	0.0179
rs147726517	C	0.0456

rs1904740	C	-0.0235
rs4554790	C	0.0193
rs41295139	T	-0.0456
rs7915487	A	-0.0546
rs117249531	T	-0.0611
rs116464068	T	-0.0573
rs72818244	A	-0.0191
rs2813393	G	0.0198
rs17513940	T	-0.0177
rs117222444	C	-0.0831
rs35591843	A	-0.0236
rs117244107	G	0.038
rs117237851	A	0.1141
rs7090884	G	-0.0142
rs2253514	G	-0.013
rs1334417	G	-0.0135
rs10995160	G	0.0529
rs74947927	T	0.0144
rs12722575	T	-0.0631
rs61838764	A	0.0437
rs11009156	A	0.0217
rs17559976	C	0.0369
rs7088047	G	0.0256
rs571797	T	0.0172
rs2986970	G	-0.0145
rs117435213	A	-0.0871
rs11814573	G	-0.0282
rs2013456	T	0.0215
rs79189833	T	-0.0505
rs4244316	G	0.0137
rs17630692	C	-0.0536
rs7893769	C	0.0165
rs10399975	G	0.0289
rs1922157	T	-0.0463
rs41279656	T	0.0608
rs117695982	G	0.047
rs17699326	A	0.0233
rs12571349	A	-0.016
rs138793309	T	-0.0895
rs10886706	A	-0.0218
rs10787862	A	0.0138
rs117052054	C	-0.069
rs3740416	G	-0.024
rs7067538	G	-0.015
rs7077594	C	0.0199
rs7358125	G	0.041
rs150961049	G	-0.0803

rs2763335	C	0.0272
rs7083265	T	-0.0146
rs147205184	T	0.0741
rs79665096	T	0.0874
rs911739	A	-0.0241
rs117936805	T	-0.0815
rs11259826	T	0.0598
rs112257722	T	-0.0712
rs61872035	A	0.0463
rs1879314	C	-0.0483
rs10736932	C	0.0171
rs61862017	T	0.0406
rs9419167	T	0.0142
rs10787005	A	-0.0214
rs80243037	A	0.0339
rs34573070	T	-0.0336
rs148094678	G	-0.0648
rs147235284	A	0.1014
rs74986759	A	-0.0641
rs62621207	T	0.0362
rs74161723	T	-0.0308
rs56668248	T	0.0173
rs118117653	T	0.0587
rs4948738	C	-0.0369
rs142577263	T	-0.0631
rs11185753	G	0.0308
rs11197742	G	0.023
rs145689896	C	0.0731
rs72815469	C	-0.0494
rs17665973	C	0.073
rs2680315	G	0.025
rs1576816	A	0.0144
rs117317660	A	-0.0506
rs148626883	G	-0.0526
rs72821325	A	-0.0467
rs4619098	C	-0.024
rs7097221	G	0.0188
rs74727814	A	-0.1092
rs1348593	T	0.0739
rs2998148	T	0.0774
rs7904694	T	-0.0298
rs2448111	C	0.019
rs78050011	T	0.0355
rs6481576	T	0.0266
rs117100071	A	-0.0615
rs117109170	A	0.0449
rs77506352	T	-0.034

rs7916670	C	0.0175
rs10825558	C	0.0176
rs79249198	T	0.0337
rs56216393	A	-0.0285
rs74474182	C	-0.048
rs59501186	A	-0.0798
rs34029493	T	-0.0194
rs80134189	G	0.0591
rs117040132	C	0.05
rs11198946	A	0.0198
rs148791732	A	-0.0523
rs2217895	T	-0.0314
rs9787590	G	-0.0166
rs2288836	T	-0.0155
rs61059957	G	0.0201
rs9787464	G	-0.0422
rs4948700	C	0.0166
rs1581843	C	0.015
rs4881010	C	0.0206
rs4237337	A	0.0344
rs7894881	A	-0.0364
rs77469062	C	0.0588
rs78948606	G	-0.0679
rs7914597	T	0.0254
rs80007012	T	-0.0494
rs11598190	T	0.0495
rs17143701	C	-0.017
rs3006247	G	-0.0205
rs10905270	G	-0.0474
rs112014931	C	0.0744
rs112928991	T	0.0587
rs816278	G	0.0142
rs9417918	A	0.0613
rs11818878	T	0.0769
rs74717762	A	0.0657
rs75279365	T	-0.0392
rs11599499	T	0.023
rs1652244	G	0.0145
rs75598435	T	0.1002
rs7914924	C	0.0152
rs71541556	A	0.0339
rs2505465	G	0.0157
rs16914571	C	-0.0246
rs6586174	T	0.0176
rs61852762	T	0.031
rs10788525	T	0.0136
rs4752656	C	-0.0146

rs11015451	A	0.0596
rs1539066	G	0.0134
rs117869639	T	0.0892
rs76692191	T	0.093
rs76522551	A	-0.0288
rs71490995	T	0.0503
rs11001035	T	0.0249
rs77724785	G	0.0327
rs34959905	T	-0.0258
rs72772241	A	0.0183
rs79407798	T	0.0482
rs143573767	T	0.068
rs117425027	G	-0.048
rs72819151	T	-0.0855
rs61872793	T	-0.0594
rs1925256	A	-0.0248
rs117081154	A	-0.0603
rs117081648	G	0.0443
rs1037431	C	0.0371
rs75735700	T	-0.0594
rs10761659	A	0.0142
rs7093792	A	0.0358
rs10734104	T	0.0203
rs7903977	T	-0.0501
rs76670846	G	0.0225
rs2650696	T	-0.0173
rs78530715	C	0.0309
rs141985619	C	-0.1005
rs112073019	G	-0.0438
rs3737015	A	0.018
rs911771	C	0.0189
rs3814676	T	-0.0196
rs55878842	A	0.0597
rs112747719	T	0.0443
rs77905483	A	-0.0257
rs72776446	C	0.0467
rs11250485	T	-0.0436
rs76202058	T	0.0377
rs76548440	A	0.0476
rs11196316	C	0.0386
rs117195090	A	-0.0485
rs36024369	T	0.0442
rs35095871	G	-0.0452
rs77072476	T	0.046
rs11818741	A	-0.0748
rs56339490	C	0.0369
rs1248696	T	0.0227

rs17101979	G	-0.0393
rs10828409	T	-0.0162
rs58885335	A	-0.0785
rs1909433	T	-0.0232
rs77275840	C	-0.0569
rs2842288	G	-0.013
rs73348956	T	0.0422
rs11244450	T	0.0236
rs75365462	T	0.0539
rs626682	A	-0.0135
rs11000904	T	0.0982
rs11003635	T	-0.0181
rs6480059	C	0.0135
rs7901863	T	-0.0181
rs11575690	C	-0.0757
rs1703661	G	0.0144
rs57732552	G	-0.0614
rs12569589	T	-0.0137
rs78946495	A	0.0373
rs11258609	A	-0.0158
rs146038807	G	-0.0554
rs150506838	A	-0.1336
rs142766905	A	0.0807
rs10906931	T	-0.0152
rs12218330	G	-0.0212
rs117417471	G	-0.033
rs117915490	A	0.0801
rs4750701	A	0.014
rs2478788	G	0.0237
rs117270944	C	-0.0384
rs113780700	A	-0.0421
rs116982169	G	-0.0748
rs10740061	A	-0.019
rs79841829	G	0.078
rs1676802	G	0.0299
rs117745411	A	0.0894
rs60025203	T	0.03
rs117246174	G	-0.075
rs2764375	A	0.0285
rs10508810	T	0.0224
rs145951398	A	0.0661
rs12240969	C	0.0803
rs10884978	A	0.014
rs61843282	G	-0.0335
rs57180542	G	-0.0658
rs6583871	G	0.0154
rs10905352	A	-0.0182

rs61847794	G	0.0455
rs146641805	A	0.0429
rs76217707	A	-0.0214
rs72807136	G	0.0898
rs9422897	T	-0.0385
rs78780174	T	-0.0549
rs2196743	A	-0.0198
rs2804004	A	0.0295
rs2505654	G	0.0137
rs669069	A	-0.0446
rs137960822	T	0.0831
rs77948507	A	0.0483
rs2256283	G	0.0151
rs139440250	A	0.0539
rs117422848	T	-0.0392
rs315589	A	-0.0211
rs1896407	G	0.0439
rs17110707	C	-0.0208
rs61853618	T	0.026
rs12359055	C	-0.0131
rs117449060	G	-0.0289
rs79914577	T	-0.1273
rs118097047	A	-0.0575
rs12784762	A	-0.0259
rs143221942	A	0.0605
rs12772175	C	0.0303
rs7916856	C	-0.0227
rs7910321	G	0.0223
rs1509973	G	0.0203
rs7902057	C	-0.0134
rs111528034	C	-0.0593
rs56086430	C	0.077
rs6537497	G	-0.0131
rs4750964	A	-0.065
rs12570776	A	-0.0164
rs141333238	C	-0.0402
rs6602595	G	0.0145
rs41514552	T	0.041
rs143066257	C	0.0758
rs3494	A	-0.0411
rs74456321	T	0.0598
rs3123190	T	0.0137
rs10904140	T	-0.0173
rs117408264	C	0.0573
rs2804564	G	-0.0236
rs3125619	C	-0.0161
rs7073112	C	-0.0251

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rs112846373	T	-0.0225
rs61854121	C	-0.0698
rs76906951	G	-0.0994
rs72843870	T	-0.0683
rs61870263	A	-0.0733
rs77186164	T	-0.0768
rs112313716	A	0.0926
rs150680365	T	-0.0525
rs113377022	C	-0.0265
rs12778553	T	-0.0205
rs17113728	T	-0.0173
rs7902218	A	-0.0129
rs11196317	G	0.052
rs3123168	A	-0.0139
rs61872963	G	-0.0258
rs12771266	A	0.0251
rs1227744	G	-0.0238
rs1703648	A	-0.0222
rs56072636	T	0.0381
rs10906705	G	-0.0185
rs12355131	A	0.0228
rs2250703	A	0.0482
rs61860829	A	0.1037
rs75676385	A	0.0457
rs111626564	T	0.0455
rs76621941	T	0.0679
rs2279809	A	-0.0128
rs7914993	A	0.0191
rs112299061	T	0.0463
rs2253055	A	-0.0155
rs75856872	A	-0.0526
rs2807044	G	0.0147
rs151032691	C	-0.0371
rs143446503	C	-0.0699
rs74454630	A	-0.0239
rs61854005	C	-0.0514
rs4917558	T	0.0369
rs80300770	T	0.0785
rs60864391	T	-0.0306
rs999856	A	-0.0411
rs10994609	C	-0.0483
rs11202124	C	0.0282
rs111873696	T	-0.0357
rs3814587	A	0.0135
rs61829306	T	-0.0943
rs77520345	T	0.0479

rs76675892	T	-0.046
rs2012324	T	0.0133
rs10883764	A	-0.0132
rs141481670	A	-0.0693
rs7895769	T	0.0213
rs805721	C	-0.0151
rs7918139	G	-0.0133
rs117189841	T	0.0508
rs10906926	G	0.0207
rs61859801	G	-0.0448
rs4933395	C	-0.0155
rs146515634	A	-0.0667
rs10906591	G	0.0207
rs4748556	G	0.0129
rs1629141	A	0.0184
rs112228094	T	0.0768
rs58657353	C	0.0241
rs72787554	G	0.0414
rs72808295	T	0.0342
rs7913244	A	-0.0242
rs2944456	C	-0.1173
rs77063421	G	-0.0332
rs111793643	G	-0.0297
rs4948237	C	0.058
rs72829362	A	0.0421
rs1937711	C	-0.03
rs2420929	T	0.0232
rs74855220	G	0.0451
rs71484699	G	-0.1027
rs4751113	C	0.013
rs11812551	T	0.0194
rs11018001	A	0.014
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rs11254851	T	-0.0456
rs9783128	G	-0.0138
rs2167696	T	-0.0199
rs144066005	T	0.0784
rs7072888	C	0.0134
rs117135670	T	-0.0521
rs35906367	T	-0.0766
rs7079148	C	0.0142
rs72826685	C	-0.0489
rs17011115	T	-0.0242
rs72804095	G	-0.0417
rs11255627	T	0.0645
rs78100656	A	-0.0578

rs2420646	A	0.0189
rs60327242	T	-0.0194
rs41274570	A	0.0331
rs11017548	G	0.0168
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rs77195003	A	0.043
rs112215930	T	-0.0598
rs780809	A	-0.0305
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rs111615659	T	0.0453
rs17096164	C	0.0293
rs7924205	G	0.019
rs61865379	A	0.0467
rs143806012	T	0.0455
rs35806096	T	-0.0735
rs34544020	T	-0.0256
rs79800396	T	-0.0417
rs7096148	T	-0.0246
rs1255478	T	0.045
rs112980619	G	-0.0679
rs117940107	A	0.1313
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rs116947153	A	0.0582
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rs6597779	A	0.0143
rs938693	T	0.013
rs143099871	A	0.0757
rs12240886	G	-0.0384
rs7903334	T	0.013
rs77902356	C	0.0428
rs534068	G	0.0152
rs538037	G	0.0129
rs2839664	G	0.0173
rs138429262	A	0.0564
rs113478061	A	-0.0939
rs55927224	C	-0.0824
rs11593919	A	0.0237
rs143826797	A	-0.0897
rs7089697	C	-0.0139
rs45607131	T	0.0378
rs118038035	A	-0.0447
rs7088792	A	-0.0152
rs146948298	C	0.0723
rs10997260	G	-0.013
rs34501655	A	-0.0279
rs77089185	A	-0.05
rs112678856	C	-0.0438

rs2204757	G	-0.0202
rs7902306	T	-0.0143
rs2817684	A	-0.0153
rs55978430	A	-0.0397
rs17132378	A	-0.0287
rs76397645	T	-0.059
rs10821976	A	-0.0166
rs73321246	T	-0.0468
rs11599463	T	-0.0639
rs73251160	C	-0.0599
rs7068438	C	-0.0151
rs144652060	C	-0.0653
rs78109005	A	-0.0478
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rs16909032	A	0.0731
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rs143290705	A	-0.0625
rs35422936	C	0.0393
rs116105957	T	0.0387
rs11196375	C	0.0218
rs149546747	C	-0.0608
rs61847721	G	0.0365
rs1002652	T	0.0139
rs73288629	G	-0.033
rs79603376	C	-0.0654
rs10829898	A	-0.0316
rs113087036	G	-0.0944
rs113674220	T	-0.0485
rs11007832	T	-0.0867
rs4237472	A	0.0326
rs10824466	C	0.0233
rs3802733	C	0.0236
rs914571	T	0.0128
rs137866180	T	-0.0414
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rs1577226	T	0.0161
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rs56041199	T	0.0336
rs61855460	T	-0.0472
rs16936637	G	0.0461
rs2474736	A	-0.0398

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rs114083191	A	0.0627
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rs10825491	T	-0.0179
rs160052	T	0.0154
rs7088476	A	0.0127
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rs11009264	G	-0.0138
rs77021017	T	-0.0506
rs118181646	T	0.0506
rs3938475	A	-0.0297
rs72844247	G	0.027
rs2091577	C	0.0183
rs35822932	A	-0.0577
rs992193	C	0.0144
rs75246833	T	0.0512
rs117373597	G	0.0665
rs10885114	C	-0.0299
rs1331291	C	-0.0184
rs11017740	A	-0.0394
rs12249078	C	0.0247
rs78740100	A	-0.0301
rs79098065	C	0.0523
rs117667430	A	-0.092
rs7073224	G	-0.0257
rs148274868	A	0.1032
rs114086283	T	0.0732
rs71484931	G	0.0614
rs77088207	T	0.0914
rs2619645	A	0.0226
rs2820642	C	-0.014
rs72777814	T	0.0341
rs7099606	G	0.0257
rs11004941	A	-0.0203
rs149037802	A	-0.0668
rs11254065	G	-0.0543

rs1243403	C	0.0313
rs77564098	A	-0.0304
rs74691464	G	0.0716
rs139318985	T	-0.0484
rs143027317	T	0.0657
rs6597849	A	0.0184
rs10996911	T	-0.0139
rs1254160	G	0.0238
rs35708498	A	0.0504
rs74394067	T	-0.0744
rs146316784	A	-0.0457
rs61850204	T	0.0167
rs61866619	T	0.0521
rs7918949	C	0.0208
rs7080285	T	0.0131
rs2225978	C	-0.0131
rs1947370	G	-0.0155
rs1555870	C	0.0139
rs7914519	A	0.0125
rs4293017	A	-0.0134
rs61874432	C	-0.0386
rs9423935	C	-0.0356
rs140091975	A	-0.1064
rs12356153	T	0.0587
rs2147741	T	-0.0171
rs12772316	C	-0.0283
rs4505004	A	0.0189
rs75302683	T	-0.0444
rs938517	A	0.0451
rs118149985	A	-0.0408
rs118084896	A	0.0684
rs11007581	A	-0.0698
rs141580708	T	0.0767
rs111800082	G	0.0685
rs12415912	C	-0.0564
rs138327327	A	0.0482
rs10826777	G	-0.0238
rs6585781	C	0.0178
rs16932843	A	-0.0461
rs61834313	T	0.0728
rs1240370	C	0.0143
rs10764759	G	0.0135
rs118088143	C	0.0638
rs77658040	C	-0.0889
rs10883663	C	0.0139
rs80142196	T	-0.0733
rs139363088	T	0.0808

rs115255070	A	0.0372
rs116895891	G	-0.0603
rs17129814	G	-0.0284
rs11018208	A	0.0995
rs56172228	A	0.0908
rs76850559	A	0.041
rs140262235	T	0.0703
rs7921853	T	-0.0129
rs72793306	C	-0.0363
rs56687775	A	0.027
rs11813945	T	0.0157
rs74973562	A	-0.0715
rs143076471	T	-0.053
rs2453942	G	0.0712
rs75777279	T	0.0688
rs60450948	A	0.0229
rs10827259	G	0.0155
rs78750129	A	0.0488
rs10821802	T	0.0128
rs74865240	T	-0.0382
rs75165347	C	0.0542
rs11254669	G	0.0199
rs79217840	A	-0.0406
rs145471007	C	0.0605
rs12764024	G	0.0165
rs11258719	G	0.0297
rs74328886	G	0.0746
rs76788836	C	-0.0676
rs10886712	A	0.0131
rs10828718	A	-0.013
rs111964306	G	-0.0454
rs76159896	A	-0.1044
rs7475769	G	0.0427
rs77002102	T	0.0244
rs4635008	C	0.0217
rs28527775	A	-0.0164
rs149747542	A	-0.0896
rs117148943	T	-0.0503
rs7914787	G	0.0175
rs17124846	G	0.0489
rs116899385	C	0.0632
rs143681841	A	0.0867
rs11016560	G	-0.0226
rs117014988	G	-0.0655
rs80086039	C	0.0608
rs138461387	C	0.0742
rs11199566	A	0.0171

rs117530087	T	0.0622
rs116849791	G	0.0614
rs72763721	A	0.0396
rs7094607	C	0.0134
rs2781546	A	-0.0165
rs12220494	T	0.0211
rs290480	T	-0.0208
rs11007687	T	-0.0165
rs10785908	A	0.0129
rs111937073	T	0.0625
rs138713268	A	0.0841
rs7918847	C	0.0294
rs2099633	A	-0.0159
rs142679088	T	0.0832
rs117061769	A	0.0541
rs16924464	C	0.0526
rs78214778	A	-0.0311
rs1813838	A	0.0267
rs117045279	T	-0.0502
rs290474	T	0.0148
rs72780027	T	-0.0157
rs7903318	T	-0.0188
rs61857742	G	-0.0652
rs148196080	T	0.0718
rs150925885	A	0.0653
rs12570170	A	-0.0207
rs12778554	A	-0.019
rs74415627	G	0.025
rs12572289	A	-0.0131
rs75721203	T	-0.0307
rs80069072	C	0.1078
rs75281384	T	0.0854
rs6480587	T	-0.0183
rs79565842	C	0.0604
rs1244477	C	-0.0133
rs7913222	C	-0.0333
rs11259101	A	0.0499
rs72830157	G	0.0832
rs1417913	C	0.0809
rs74126107	T	-0.0777
rs77849275	T	-0.024
rs12777214	A	0.0174
rs150871434	C	0.0732
rs117748921	C	0.0537
rs12411968	A	-0.0278
rs11016814	C	-0.0229
rs12779342	T	0.0194

rs117200513	T	-0.0331
rs112022139	C	0.0358
rs79063225	C	-0.0987
rs77469739	C	-0.071
rs117188067	T	-0.0385
rs56058863	T	0.0874
rs9419377	T	0.0161
rs12763767	C	0.0388
rs117781894	T	0.1172
rs35206234	G	-0.0562
rs148341074	T	0.084
rs12784661	A	0.0211
rs7922625	C	-0.0406
rs139470491	A	0.1217
rs56940532	C	-0.0293
rs117151394	A	0.0514
rs61844962	C	-0.0164
rs117748732	C	-0.122
rs141365453	A	-0.0558
rs10905230	T	-0.0132
rs880174	A	0.0223
rs72831155	T	0.0296
rs2588296	G	-0.0177
rs10883348	C	-0.0131
rs148773800	T	0.0535
rs117647697	A	-0.0677
rs12776137	T	-0.0494
rs11018334	C	-0.0176
rs77005638	C	0.0911
rs7085645	G	0.0192
rs7914653	G	-0.0238
rs12781634	C	0.0604
rs12220353	C	-0.0133
rs78624347	T	-0.0464
rs148743928	A	0.0443
rs74611457	G	0.0236
rs11259029	G	-0.0128
rs17138915	G	0.0143
rs4747520	G	0.0132
rs78675205	G	-0.0244
rs141178621	G	0.0773
rs10904381	T	0.0224
rs635246	A	0.0128
rs11008597	C	-0.0131
rs117767415	T	0.0663
rs147725129	A	0.0722
rs2451914	T	-0.0143

rs7903156	G	0.0259
rs7084378	G	0.0127
rs11186443	C	0.0132
rs11195334	T	0.0334
rs72803963	G	0.0533
rs10885640	A	0.0767
rs12261315	A	0.0572
rs11592768	G	-0.0212
rs11002577	C	0.0146
rs10994396	C	-0.0158
rs7100631	A	-0.0249
rs7894040	G	-0.0182
rs10824753	A	0.013
rs145725782	C	0.0997
rs4750471	T	0.0127
rs118034054	G	0.0855
rs145634272	C	-0.0656
rs12218365	C	-0.0178
rs55850391	A	0.0146
rs11197998	T	-0.0142
rs72763559	T	0.0485
rs35092199	T	0.0164
rs12767848	T	-0.0274
rs76034996	G	0.0506
rs72763503	T	-0.0628
rs72805136	A	0.0529
rs143449300	A	0.086
rs72819837	A	-0.1026
rs1867991	A	-0.0136
rs77198855	A	-0.0689
rs74949722	A	0.0205
rs142890824	A	-0.0464
rs113281421	C	0.0602
rs10903457	C	-0.0141
rs10827991	G	0.0149
rs11005041	T	-0.0125
rs12415040	A	0.0301
rs146527727	T	-0.0611
rs10903866	G	0.0184
rs113092284	T	-0.1086
rs72801750	T	0.065
rs3218234	T	-0.0805
rs12412355	T	0.0592
rs12782273	T	0.0186
rs3781316	G	0.0149
rs11146365	T	0.029
rs57851229	T	0.0352

rs115594071	G	-0.0449
rs118103420	T	0.0861
rs11255562	G	0.0128
rs10751920	C	-0.0278
rs147981855	A	0.0272
rs77008088	G	0.0291
rs4578294	T	-0.0166
rs7093277	T	0.0127
rs113965335	A	-0.0812
rs117874844	T	0.0442
rs7089944	G	0.014
rs1348632	C	0.0287
rs150030975	A	-0.0722
rs74740809	T	0.0288
rs35972362	T	-0.021
rs140384813	G	0.0394
rs141915514	G	-0.0577
rs1573145	G	0.0178
rs11196260	A	0.0339
rs113650862	T	0.0884
rs146525600	C	0.0721
rs112152096	A	0.0555
rs75682273	A	-0.0803
rs17246684	T	-0.057
rs938700	T	0.0296
rs77212904	T	0.0532
rs12098608	G	0.0669
rs12781748	T	-0.048
rs112773166	A	0.041
rs16931784	T	-0.0177
rs138981133	T	-0.0788
rs75856002	G	0.0544
rs72819608	T	0.0874
rs150154845	A	0.0634
rs114239723	C	0.1209
rs58399100	A	0.0366
rs138902925	G	-0.0568
rs72783417	A	0.0765
rs61851445	T	-0.0172
rs17114337	C	-0.026
rs79345631	T	0.0837
rs1227739	G	0.0133
rs148190151	T	0.0609
rs143887641	C	0.0572
rs4747060	T	0.0143
rs10886437	T	0.017
rs76925185	C	0.0541

rs148388983	C	0.0439
rs643756	T	-0.0272
rs7074013	T	0.0257
rs76779534	G	-0.0728
rs145231210	A	0.0614
rs7078273	T	0.0129
rs41308687	A	0.053
rs139908768	T	0.068
rs10829950	C	-0.0145
rs150752606	A	0.0581
rs147681140	C	0.073
rs2796306	A	-0.012
rs685045	G	-0.0625
rs75232887	A	0.0846
rs61870850	T	-0.0611
rs17761126	G	0.0536
rs288451	T	0.0358
rs71488616	C	0.0642
rs140518513	T	-0.0593
rs11596264	T	0.016
rs146215475	T	-0.0518
rs111775102	A	-0.0655
rs141910418	A	-0.053
rs56732096	T	0.0184
rs77101731	A	-0.0742
rs1495673	A	-0.0129
rs2497734	A	0.03
rs4244945	A	-0.0176
rs3781344	C	0.0123
rs117090315	G	-0.0446
rs61855853	G	-0.0332
rs145245475	G	0.0944
rs12255956	A	0.0427
rs76004246	G	0.0498
rs117741188	A	-0.0598
rs76841693	G	0.0429
rs12784975	C	-0.0172
rs148223786	T	-0.0361
rs9633783	A	0.015
rs11010890	G	0.0334
rs144254841	G	-0.0716
rs76558720	C	-0.0215
rs11591995	G	0.0468
rs10795981	A	0.0148
rs151020388	C	0.0609
rs61843622	A	0.0167
rs61383942	C	0.0167

rs77547244	T	0.0474
rs144565153	A	0.0903
rs36114698	G	-0.0933
rs7085996	T	-0.0389
rs12772500	G	-0.0521
rs61830561	T	0.02
rs2043947	G	0.0132
rs77071860	A	0.0589
rs906233	A	-0.0136
rs142420464	T	0.0719
rs76088362	T	-0.0356
rs61274534	A	-0.0218
rs12357099	A	-0.0206
rs72798113	C	-0.0712
rs113119072	A	0.0415
rs73252875	T	0.0184
rs76648682	C	0.0531
rs117221066	C	-0.0739
rs61851264	T	0.0758
rs116915204	G	0.0875
rs78613088	A	-0.0924
rs7081639	C	0.0128
rs1717542	G	-0.0191
rs11252537	C	-0.0135
rs1612986	C	-0.0156
rs72795372	C	-0.0262
rs6585624	C	0.0149
rs9418731	A	-0.0148
rs10905409	C	0.0178
rs113702921	G	0.059
rs138560711	T	0.0511
rs11003703	G	0.056
rs7912885	G	-0.0145
rs72819040	A	0.0729
rs139710124	T	0.0607
rs79076305	G	-0.0704
rs116894153	A	0.084
rs11195244	C	0.0134
rs10903689	A	-0.022
rs11002054	G	0.0165
rs2297471	C	0.0171
rs77599582	T	-0.0197
rs10905935	A	0.0149
rs61858553	A	-0.0808
rs4751862	A	0.0264
rs147224584	C	0.0483
rs6560740	T	-0.0128

rs57653371	A	0.0268
rs12220791	A	0.0233
rs941910	C	0.0133
rs2485716	C	-0.0153
rs72784236	C	-0.0525
rs111535062	G	0.044
rs79311374	A	-0.0673
rs117699987	A	-0.0273
rs61832289	A	0.0172
rs143166223	T	0.0594
rs117740023	C	0.0817
rs117585559	A	0.0557
rs12255625	G	0.0595
rs4934368	G	-0.0143
rs11156474	T	0.0179
rs1702227	A	-0.0286
rs61841134	A	0.0364
rs12415813	T	-0.0122
rs76162339	C	-0.0497
rs55884779	C	0.0155
rs17578605	C	-0.0458
rs73607547	G	0.0244
rs147986842	G	-0.0542
rs10787499	A	0.0141
rs147617348	T	0.0524
rs4917808	G	-0.0253
rs118111067	A	0.0586
rs1250007	T	0.0154
rs36107376	T	0.0136
rs2339628	A	0.0121
rs12360358	T	0.11
rs7905081	A	0.0437
rs72771168	T	-0.0284
rs79882698	G	-0.0776
rs571472	G	-0.0795
rs220374	C	-0.0158
rs2461863	C	0.0124
rs12261752	A	-0.0154
rs3011412	G	0.0292
rs12769218	C	-0.0495
rs12771007	A	0.0302
rs6560697	C	-0.0141
rs76885000	A	0.0466
rs2484191	T	-0.0243
rs148997442	G	0.0586
rs139834363	A	-0.0493
rs80138389	G	-0.0396

rs56052128	C	0.0323
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rs74827242	T	0.0612
rs118169673	G	0.0573
rs11011877	G	0.0142
rs10902940	A	0.0134
rs12783998	T	0.0339
rs144116117	A	-0.0896
rs11815440	C	-0.0161
rs116861924	C	-0.0285
rs116948449	T	-0.1019
rs71491348	G	0.0833
rs111528969	C	0.0822
rs78414621	T	-0.0336
rs117854943	T	0.0436
rs10901408	A	0.0329
rs4147231	C	-0.0169
rs12243364	T	0.0491
rs521753	C	-0.0158
rs148570247	C	0.0427
rs13376933	A	0.0201
rs10823780	A	-0.0121
rs7924155	G	-0.0176
rs4747696	A	0.018
rs10752181	A	0.0191
rs1649960	G	-0.0411
rs10998960	T	-0.0167
rs2493942	A	0.089
rs117473786	C	0.1167
rs608788	C	0.0158
rs147740125	C	-0.0395
rs115037054	A	-0.1064
rs79612733	C	0.0299
rs61865471	A	0.0274
rs2819218	A	-0.0182
rs117141220	T	0.085
rs7094302	C	-0.0186
rs13376883	C	0.0199
rs7078966	G	-0.0679
rs117003078	A	0.0613
rs143786476	A	0.0753
rs11597303	T	0.0176
rs10787010	G	0.0135
rs56225715	A	0.0167
rs9804195	T	0.0204
rs11198558	A	-0.0189

rs72793479	G	-0.0311
rs11146200	T	-0.0675
rs113424328	T	0.0253
rs10857482	C	-0.0126
rs113139668	C	0.0505
rs7902905	C	-0.0126
rs61861109	C	0.0307
rs61862697	A	-0.0722
rs116936678	A	-0.0637
rs1914526	A	0.0459
rs7072836	G	-0.0133
rs117254579	G	0.0609
rs7100789	A	0.0429
rs56333342	G	-0.0383
rs61832639	A	-0.0204
rs59544931	A	-0.041
rs12358816	A	0.0549
rs79820308	T	-0.0299
rs76395225	A	0.0194
rs2884127	G	-0.0129
rs112868404	A	0.0648
rs17117345	C	0.0772
rs12776231	T	-0.056
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rs72812596	A	-0.0513
rs139276170	C	0.053
rs1711645	C	0.0675
rs76948786	T	-0.0209
rs807012	T	0.0298
rs10787620	C	0.0122
rs35131856	T	0.0263
rs77041646	A	0.074
rs72797038	G	0.0205
rs75596673	A	0.0274
rs72820997	A	-0.0678
rs79384296	T	0.0283
rs11198081	C	0.0374
rs57388715	C	0.0181
rs66961016	A	0.0143
rs7079507	C	0.0165
rs116394173	A	0.0174
rs758582	T	0.0195
rs11006350	T	0.0252
rs61870221	G	0.045
rs116988595	A	0.0663
rs1385879	T	0.0743
rs78535844	C	0.0295

rs1227748	G	0.0158
rs4752420	G	-0.0182
rs141402138	A	0.051
rs9423348	T	0.0796
rs1983894	C	0.0209
rs61843067	A	0.0214
rs142114477	C	-0.0822
rs143316956	T	0.0484
rs17708585	T	-0.0406
rs61856121	C	0.0907
rs76923762	A	0.0407
rs11258987	G	0.0157
rs1970628	T	0.0407
rs1912314	G	-0.0169
rs77965248	C	0.0557
rs117313133	T	-0.0606
rs117651313	C	-0.0806
rs41306930	A	0.0865
rs2559541	C	0.0121
rs151196683	T	-0.0444
rs7906351	G	0.0245
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rs17103264	C	0.0302
rs11252340	T	-0.0643
rs114419941	T	-0.0449
rs140812151	A	-0.0814
rs3940961	A	0.0209
rs72793394	C	-0.0483
rs56343292	G	-0.0187
rs12415117	A	-0.0248
rs2224694	A	0.0261
rs12357957	T	-0.0197
rs73351172	G	0.0211
rs6482921	A	-0.0141
rs2962750	G	-0.0197
rs10994706	A	-0.0175
rs12415972	C	0.0349
rs79758915	G	-0.0908
rs11252481	T	-0.0123
rs10826240	A	-0.0124
rs1572539	C	0.0121
rs16917441	T	-0.0132
rs11146284	A	-0.0276
rs7074424	A	0.013
rs11601	A	0.0156
rs2924280	T	0.015
rs76596595	G	-0.069

rs12256404	A	0.0407
rs12247156	T	-0.0166
rs11196067	T	0.0119
rs6560766	A	0.0332
rs17501763	G	-0.0652
rs7099939	T	-0.0613
rs116958065	A	-0.0406
rs79856389	G	0.0547
rs7090208	C	-0.0148
rs61854880	C	-0.0716
rs34693310	T	0.0416
rs11196531	T	-0.0206
rs112845991	T	0.0446
rs74137404	T	-0.0504
rs78731825	T	-0.0275
rs1417031	T	-0.012
rs2247333	A	0.0131
rs150419487	G	0.0838
rs78582970	A	0.0409
rs114890546	G	-0.0469
rs41287504	T	0.0145
rs17370636	C	-0.0372
rs149773510	G	0.1068
rs703030	G	0.0232
rs74376596	T	0.0233
rs111626070	T	0.0488
rs11016429	T	0.0183
rs7914868	G	-0.0137
rs117883695	G	0.0569
rs117517352	T	0.0704
rs111246513	T	0.0651
rs118035075	A	-0.0371
rs2619651	C	-0.0715
rs323005	A	0.0151
rs10905105	C	0.0179
rs2488829	T	0.0531
rs141494768	A	-0.0523
rs703262	C	-0.0174
rs1547191	C	-0.014
rs74823167	C	-0.0299
rs79183972	C	0.0721
rs72779530	T	-0.0472
rs1952740	T	-0.0498
rs4451621	T	0.0121
rs4598556	C	-0.0155
rs6481536	T	-0.0119
rs2488687	A	-0.0828

rs118188640	T	-0.0346
rs7087477	T	0.0179
rs61857906	C	0.0256
rs1996525	G	0.0238
rs72798997	T	0.0154
rs12248027	T	0.0143
rs117936336	T	0.0991
rs75439663	A	0.0282
rs142145443	T	-0.0517
rs7904487	T	-0.0189
rs144125588	A	0.0533
rs17732220	C	0.0385
rs10630913	A	0.0442
rs3997796	C	0.0133
rs117001522	C	-0.0788
rs7100066	G	-0.0128
rs75057595	G	-0.0682
rs148350108	G	-0.0377
rs11257995	G	-0.0233
rs4980029	G	-0.0187
rs142254487	G	0.0331
rs2482069	C	-0.0143
rs12414791	A	-0.0231
rs12245251	T	0.0269
rs71493979	G	-0.0765
rs117548813	A	0.0222
rs117446665	C	-0.1149
rs72773194	C	-0.0346
rs118159861	A	0.036
rs2797986	C	0.0158
rs6602571	T	-0.0179
rs1581239	C	-0.0117
rs4881070	C	-0.0144
rs11595265	G	-0.0139
rs61838447	A	-0.0594
rs11596171	G	0.0423
rs11594507	T	0.0571
rs146720106	C	-0.0853
rs75499305	G	0.0457
rs11250822	C	-0.0139
rs1312720	C	0.0122
rs10906841	T	0.0122
rs17151852	T	0.027
rs12259218	T	-0.0264
rs2026121	T	-0.0226
rs10906459	C	0.0133
rs61851358	T	0.0278

rs2026619	A	-0.0216
rs12244697	A	-0.0241
rs4917750	G	0.0191
rs11594303	T	0.0435
rs145898293	C	-0.0489
rs12762146	T	0.0385
rs11194616	G	0.0345
rs117091999	T	-0.0283
rs12768353	T	0.0216
rs11593170	G	0.0281
rs7095034	G	-0.0118
rs1926038	A	0.0596
rs10825498	C	-0.0171
rs4578341	A	-0.0144
rs4304704	T	-0.0303
rs17535572	C	-0.0522
rs11189249	G	0.0118
rs2593147	G	-0.0123
rs12246352	G	-0.0195
rs141793406	T	-0.0411
rs4515887	G	-0.0131
rs73598154	C	0.0155
rs10764241	T	0.0125
rs144258951	T	0.0663
rs6602765	T	0.0182
rs6588761	T	0.0409
rs72811405	G	-0.1012
rs72809619	A	-0.0499
rs61870097	A	-0.042
rs80053579	T	-0.0373
rs1148197	G	0.0162
rs80254078	T	-0.0411
rs942094	G	-0.0212
rs17696727	A	0.0418
rs17527069	C	-0.0168
rs117654517	T	-0.0761
rs72790604	A	0.072
rs112908954	A	0.052
rs1106524	A	-0.0124
rs112622720	A	-0.1078
rs7098597	T	0.0239
rs7913469	A	-0.0194
rs111584750	C	-0.065
rs17793073	A	0.0252
rs12242505	A	0.0129
rs61844519	T	-0.0591
rs142414122	C	-0.0805

rs406255	T	0.0194
rs4918082	G	-0.0129
rs72776865	C	0.0162
rs112568060	T	-0.0641
rs78820289	T	0.0187
rs10857437	A	0.0177
rs2463150	A	0.0116
rs58895431	A	-0.0345
rs7900113	A	0.0688
rs17333935	A	0.0505
rs117628047	T	0.0359
rs115043539	T	0.0443
rs116973750	C	-0.0657
rs7076791	A	-0.0128
rs142056784	T	-0.0466
rs72808837	A	0.0484
rs12356487	T	0.0123
rs117775034	A	-0.0377
rs145207871	A	0.0542
rs4917651	A	0.0186
rs827380	C	-0.0145
rs2989404	C	-0.0143
rs4747795	G	-0.0114
rs11191317	A	0.0499
rs11203148	A	0.0799
rs10509774	T	-0.0225
rs1361240	G	-0.0128
rs117970452	A	-0.0701
rs61846278	G	0.0354
rs149138895	T	-0.044
rs150391166	T	0.0577
rs2764982	C	0.0138
rs736716	T	0.0211
rs11201185	A	0.0453
rs72823717	T	-0.0445
rs6585748	G	0.0165
rs144051475	A	0.0647
rs3006686	T	0.0538
rs141039011	A	-0.0243
rs2082988	T	0.0118
rs893507	C	-0.0173
rs143236661	G	0.0661
rs1441267	C	-0.0117
rs506621	A	0.0181
rs11186456	T	-0.0167
rs117028914	G	0.0878
rs137877013	G	0.0856

rs75547358	A	-0.0164
rs11146577	G	-0.0204
rs1339750	A	-0.0128
rs2815391	C	0.0132
rs75145342	A	-0.042
rs7086801	A	-0.0124
rs72821302	A	0.0481
rs758367	C	0.0116
rs2254027	C	-0.0126
rs145681021	C	0.0677
rs72834770	A	-0.0424
rs12246844	T	0.0785
rs11017091	A	-0.024
rs6602641	G	-0.0113
rs113308510	G	0.0398
rs7915299	G	0.0894
rs7908438	C	-0.0171
rs149240480	T	0.0913
rs28706360	C	0.0773
rs7922195	G	0.0143
rs2776933	C	-0.0617
rs77229943	T	0.0353
rs4747185	G	0.0834
rs72834223	G	-0.0252
rs2767634	G	-0.0163
rs12778126	C	0.0565
rs3858273	G	-0.0241
rs80284429	C	-0.1083
rs78260654	G	0.035
rs75033314	C	-0.0686
rs56399937	C	0.0416
rs4934141	T	0.0185
rs1896529	A	0.0251
rs117345913	G	0.0636
rs12217377	C	-0.0892
rs117124418	C	0.0468
rs72800382	A	0.0433
rs61871134	G	-0.0297
rs71489630	G	0.0426
rs41283532	T	0.0839
rs76823730	T	-0.0591
rs61875318	G	0.0638
rs72798168	A	0.0404
rs146788582	A	0.0523
rs4838555	T	-0.0115
rs6480888	G	0.0122
rs79954195	A	0.0552

rs11002368	G	-0.0179
rs7096106	A	0.021
rs2272146	G	-0.019
rs140157519	A	-0.0939
rs111991960	C	-0.088
rs142143107	C	0.1103
rs61836082	C	-0.0153
rs75099680	G	-0.0313
rs150043777	T	-0.0545
rs1915680	C	0.0141
rs117736305	A	0.0297
rs71484669	A	-0.0522
rs12572716	T	0.0488
rs2438120	C	-0.0117
rs74593427	C	-0.0614
rs1885283	A	0.0218
rs11596116	A	-0.034
rs80156494	C	-0.0473
rs7919930	T	0.0183
rs117399386	T	-0.0494
rs16922000	A	0.0391
rs78274905	T	-0.0608
rs117812420	C	0.0442
rs236216	C	-0.0143
rs3844118	A	-0.0201
rs72813461	A	-0.0369
rs117010451	C	0.1048
rs1218423	T	0.0906
rs17713345	T	-0.0385
rs676032	T	-0.0382
rs9703290	A	0.0166
rs6482834	A	-0.0182
rs144284413	A	-0.0514
rs4838387	T	-0.0766
rs77718490	G	-0.019
rs75759528	C	-0.0317
rs66563810	G	0.0201
rs4751832	C	0.0313
rs76298985	T	0.0329
rs75644913	A	0.0882
rs75461057	C	0.0642
rs4606409	C	0.0561
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rs78642896	C	0.0329
rs147475710	C	-0.0502
rs1923263	T	0.0352
rs72799515	G	-0.0708

rs17221610	A	-0.0537
rs12267756	G	-0.0186
rs2776921	G	-0.0187
rs10883997	C	-0.0195
rs145349551	C	-0.0493
rs67925426	G	-0.0119
rs76237042	G	0.0248
rs11599487	G	0.0252
rs61833870	G	-0.0207
rs11201711	T	0.0837
rs77403045	T	-0.0444
rs147803303	C	0.0867
rs78803403	G	0.0444
rs6480859	T	0.0115
rs55791709	A	-0.0273
rs61852507	G	-0.0525
rs16931953	T	-0.0172
rs150647073	A	0.0761
rs61874056	G	0.0143
rs11252721	C	0.0256
rs11595052	T	-0.018
rs10787130	T	0.0149
rs117437197	T	0.0437
rs11817535	C	-0.0384
rs4489659	T	-0.0205
rs12218859	A	-0.03
rs12781224	C	0.0697
rs59993422	C	-0.0221
rs144454920	T	0.0423
rs12146394	C	-0.0293
rs12218911	T	-0.0204
rs2461881	C	-0.0117
rs144335682	A	-0.0617
rs74763599	G	0.0553
rs116916699	C	-0.0501
rs35369086	T	0.0371
rs61842485	A	-0.037
rs117833093	A	0.0706
rs72794810	A	0.0466
rs17709932	C	0.082
rs11814534	A	-0.0365
rs148934823	A	-0.0795
rs3765101	G	0.0236
rs111307876	A	-0.0457
rs12255472	C	0.0283
rs7919584	A	-0.0764
rs11599403	C	-0.0176

rs117458268	A	0.0459
rs7080796	T	0.0194
rs72805185	T	-0.0451
rs10828184	T	-0.0172
rs78624271	C	-0.0322
rs610785	G	0.0168
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rs10883072	A	-0.0119
rs72839746	T	-0.0306
rs3858201	C	0.0158
rs10998997	A	-0.0217
rs141502956	T	-0.0685
rs77019111	A	-0.0609
rs17110981	A	0.0235
rs7919737	C	-0.0138
rs870376	G	-0.021
rs147405607	C	0.0344
rs80165793	A	-0.0297
rs140673317	C	0.0495
rs4751348	T	-0.0166
rs112464036	A	0.0514
rs1277737	T	0.0291
rs117805083	A	0.0683
rs117860778	A	-0.0461
rs12254017	A	-0.0171
rs75686135	A	0.0641
rs11201997	C	0.0112
rs78549690	C	-0.0801
rs73316454	A	-0.0388
rs35668691	A	0.0417
rs17594456	G	0.0598
rs56027359	T	-0.0261
rs10821844	A	0.0119
rs10490904	C	-0.0178
rs112463509	T	0.037
rs79100463	A	0.0487
rs79722284	T	-0.0186
rs11812300	C	-0.0159
rs7080200	T	-0.055
rs12767375	C	-0.0121
rs111685823	T	0.0358
rs77912242	C	-0.0273
rs1336405	T	0.0136
rs74412033	T	0.0509
rs55687062	C	-0.0155
rs11593650	G	0.0251

rs4748481	T	0.0128
rs510393	T	-0.0143
rs10999379	T	-0.0142
rs116854338	G	-0.0404
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rs72823066	A	-0.0258
rs35463096	G	-0.0719
rs75079653	A	0.0279
rs7902823	G	-0.0649
rs74151252	G	-0.0562
rs61841992	C	-0.029
rs34511307	T	0.0289
rs11499245	C	0.0178
rs780637	A	-0.0153
rs6480533	C	-0.0206
rs117369820	C	-0.0762
rs7904679	C	0.0154
rs7916923	C	-0.0115
rs78225208	C	-0.0634
rs12257435	T	-0.0119
rs117131236	T	-0.0345
rs75901837	G	0.0312
rs7080570	A	-0.0119
rs10762545	C	0.0207
rs2135706	C	0.0137
rs35021862	A	-0.0186
rs12253011	T	-0.0736
rs1295882	T	-0.0142
rs79467510	A	0.0558
rs143226177	A	0.0414
rs12411400	G	0.0112
rs427695	T	-0.0377
rs147132892	T	-0.0549
rs78024087	A	-0.0525
rs117238752	T	-0.0452
rs12360138	G	-0.0366
rs78725693	G	0.0803
rs2504177	T	0.0168
rs3893270	T	0.0169
rs117346043	T	-0.0641
rs79951026	T	-0.0233
rs116939839	A	-0.0925
rs7080095	C	0.0113
rs3014893	C	-0.0262
rs79976649	T	0.0642
rs12765241	A	-0.0171
rs4751032	G	-0.0123

rs2247214	C	-0.0176
rs1005109	A	-0.0345
rs913632	G	0.0198
rs61854004	A	0.0255
rs2096396	G	0.0118
rs72834743	G	-0.0586
rs12776335	A	0.0151
rs117607016	T	-0.0248
rs117051049	A	0.0871
rs12355139	G	0.0136
rs79956234	G	0.0394
rs138399209	G	0.0904
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rs12569984	T	0.0569
rs11016879	A	0.0119
rs853930	T	-0.0241
rs10903824	G	0.053
rs146260381	T	0.0605
rs61872220	A	-0.0279
rs75272608	T	-0.0322
rs145594500	G	0.0744
rs34943195	G	0.0177
rs17367408	C	-0.0286
rs112975570	A	-0.051
rs538975	A	0.0471
rs56076315	C	-0.0152
rs10886404	C	0.0137
rs113751043	A	-0.0489
rs190411	C	0.0158
rs78603154	G	0.0777
rs76774183	C	0.0303
rs117066711	C	0.0489
rs224136	T	0.0152
rs2616615	G	-0.011
rs787683	T	0.0556
rs2420637	A	0.0143
rs290475	C	0.0169
rs78553468	T	-0.041
rs511991	A	-0.0144
rs79009794	C	-0.0284
rs145705052	A	-0.0641
rs72823039	A	-0.0664
rs17546598	T	0.0245
rs17124306	C	-0.0203
rs7099645	G	0.0211
rs11591432	T	-0.0614
rs11200955	G	0.0144

rs72851141	T	-0.0222
rs1533486	G	0.0114
rs61859025	G	-0.0139
rs146130523	C	-0.0523
rs1977418	G	-0.0133
rs77839755	A	0.0518
rs11190103	A	0.0164
rs113304676	T	0.0693
rs16928328	A	0.0306
rs2755976	A	-0.0228
rs2999468	G	-0.04
rs4962328	A	0.0122
rs72839498	G	0.0572
rs76224714	A	0.036
rs140939496	A	0.0431
rs766922	T	0.0706
rs117517535	A	0.0207
rs4934619	C	-0.0122
rs80156806	C	-0.0607
rs7910132	G	0.0128
rs116891123	T	-0.0443
rs56060941	T	0.0717
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rs4919153	T	-0.0136
rs4962667	T	-0.011
rs2944496	G	0.0131
rs74889496	G	-0.0404
rs112338868	C	0.0512
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rs7092525	C	0.0161
rs7088910	A	0.0121
rs11006225	A	-0.0154
rs76576849	G	-0.0423
rs7907089	A	0.0234
rs146194569	A	0.0397
rs111587246	A	0.0511
rs116954028	A	-0.0543
rs78416688	C	0.0241
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rs11239049	T	0.0111
rs17535153	G	-0.048
rs72783371	C	0.0211
rs118183820	T	-0.0283
rs17492254	C	0.0112
rs1977640	A	0.0122
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rs1644418	G	0.0467
rs139151702	G	0.0412
rs75286948	A	0.064
rs74667739	T	-0.0635
rs10736078	G	0.0114
rs56288821	C	0.0133
rs12765470	A	-0.0296
rs1536558	T	-0.013
rs72760946	A	-0.0455
rs1197208	G	0.0112
rs117850703	G	-0.0526
rs113757707	A	0.0744
rs115569484	G	-0.0162
rs11816073	A	0.0178
rs79965349	C	-0.0327
rs11200896	T	-0.0126
rs77096523	T	-0.0643
rs142975026	C	-0.0515
rs140138650	A	0.0602
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rs113867909	G	0.0476
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rs7916049	A	-0.0138
rs17444909	A	-0.0314
rs149732947	T	-0.0665
rs10824254	T	-0.0137
rs75988048	C	0.0256
rs1997001	T	-0.0265
rs2946999	T	0.0114
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rs12414703	C	-0.0138
rs146866602	T	0.0449
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rs7091858	C	0.0503
rs117441478	T	0.0361
rs116920531	T	-0.0536
rs1977880	G	-0.0189
rs10751758	T	-0.0199
rs149905644	T	0.0487
rs143615005	A	0.1051
rs1539479	G	0.0125
rs2482506	G	-0.0122
rs149942766	T	-0.0507
rs17502349	G	0.0376
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rs4369330	G	0.0115
rs4880510	G	0.0182
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rs41274064	A	0.0376
rs3962120	A	-0.0366
rs113592043	A	0.0242
rs7894567	G	0.0122
rs117466980	T	0.0617
rs17221881	T	-0.0899
rs149701465	A	0.047
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rs117164512	T	0.0676
rs7899032	T	-0.0116
rs61836095	C	-0.0483
rs1249009	C	0.0176
rs12415583	C	0.0169
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rs58144723	A	0.0175
rs11189025	G	0.0181
rs11253140	A	-0.0757
rs72824823	T	0.0245
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rs10904377	T	-0.0301
rs117685411	C	0.0556
rs45548338	T	0.0524
rs11015008	A	-0.0129
rs77146289	A	0.0251
rs4619105	A	-0.018
rs4589189	C	-0.0132
rs72773855	A	0.0134
rs4750199	A	0.0199
rs79777719	A	-0.0743
rs61872308	C	-0.0227
rs10788252	G	-0.0136
rs34840628	A	0.0275
rs74627035	C	0.0368
rs113430781	G	-0.0884
rs2530347	T	-0.0281
rs72773147	G	-0.0395
rs12779873	A	0.0127
rs117248164	A	0.0561
rs118017377	G	0.0565
rs10902947	T	0.0142

rs113051524	T	0.0444
rs117358707	G	0.048
rs11200904	A	-0.0473
rs117089085	G	-0.0447
rs34187058	T	-0.0194
rs4748911	A	0.049
rs78911731	A	0.0539
rs149362415	T	0.0443
rs7091722	T	-0.0199
rs61741380	T	-0.0377
rs11258711	G	0.0127
rs75981293	A	-0.0228
rs3812663	G	0.0193
rs6602599	G	0.0255
rs79462311	A	0.0618
rs73381191	T	-0.033
rs61849883	A	0.0193
rs3793791	C	-0.0217
rs72826267	A	0.0656
rs12220405	T	-0.0279
rs138264537	A	0.0688
rs1149747	T	-0.0133
rs6586188	C	0.0126
rs7073192	C	0.0377
rs2574977	T	0.0293
rs7477084	A	-0.0118
rs873740	T	-0.0183
rs148097554	G	0.0989
rs7923725	A	0.0154
rs75340256	G	0.0337
rs117815247	G	-0.0252
rs12569734	T	-0.0168
rs143815521	A	0.0501
rs4962471	G	0.0161
rs36071724	G	0.0163
rs12761104	G	0.0135
rs10998691	A	-0.0139
rs1631551	G	0.0119
rs10905350	C	-0.0109
rs76080317	A	0.0722
rs4752164	C	-0.0109
rs10902896	A	-0.0161
rs1411173	C	-0.0108
rs7094526	G	0.0184
rs6479941	A	-0.0114
rs79337768	A	-0.0633
rs1231248	A	-0.0125

rs79716535	C	0.0717
rs4745792	T	0.0568
rs138459278	G	0.0461
rs56203766	G	0.0533
rs1557116	T	0.0133
rs2895596	A	0.0157
rs1935250	C	0.011
rs72826407	T	0.0479
rs4881027	A	-0.0177
rs55674228	T	-0.0298
rs113761749	A	-0.047
rs12250624	A	0.0255
rs9664222	A	-0.013
rs76553409	T	0.0291
rs2789678	T	0.0134
rs807049	C	0.0114
rs9418663	A	-0.0168
rs2992288	G	-0.0124
rs139557085	G	0.0609
rs12774967	T	-0.0194
rs9414945	C	-0.0164
rs17673749	G	-0.0585
rs28506155	T	0.0631
rs580293	C	-0.0179
rs2283138	G	-0.0178
rs76660250	C	-0.0272
rs117739219	T	0.0443
rs143561912	A	0.0674
rs12774899	A	0.0311
rs76967914	A	0.0374
rs553254	T	-0.0163
rs1001771	G	0.0262
rs3981045	C	0.0267
rs150642332	A	0.0606
rs7094291	G	-0.0186
rs75561160	A	0.0269
rs10792832	A	-0.1297
rs72924659	T	-0.1413
rs11218343	C	-0.2697
rs573605	C	-0.4155
rs664034	C	0.0838
rs71475924	T	0.1244
rs2071305	C	-0.0823
rs2868099	A	-0.1419
rs150020881	A	0.3853
rs61897945	T	-0.1624
rs286043	C	0.2547

rs28365806	C	-0.1059
rs7128598	G	0.0782
rs7479145	G	-0.0762
rs61878035	A	0.077
rs11039162	T	0.0699
rs1115212	C	0.0858
rs1893306	G	-0.0735
rs61886694	A	-0.5467
rs12421128	C	0.1807
rs10899223	C	-0.0639
rs2046377	T	0.0643
rs501505	A	0.0635
rs2028606	T	-0.073
rs10792421	G	0.0641
rs57478329	T	0.4108
rs11021857	A	0.1301
rs1784933	G	-0.1728
rs148022396	G	0.2051
rs7121447	T	0.0659
rs117684072	A	-0.2876
rs72950330	G	0.2769
rs10838519	T	0.0686
rs12223413	A	0.0709
rs7940291	C	0.3464
rs6590528	T	0.07
rs544473	T	-0.0669
rs79731890	A	-0.1562
rs55760947	T	0.0854
rs57867316	A	-0.1849
rs147967497	T	-0.1802
rs11035257	T	0.0954
rs10794339	C	0.0658
rs72962020	G	0.0882
rs35959877	A	0.1366
rs11222306	A	0.1114
rs12273113	A	-0.1325
rs12272665	C	0.0674
rs7128014	A	0.1007
rs11214260	T	-0.0948
rs67019430	T	-0.1624
rs79844325	A	0.3613
rs525745	T	0.0578
rs10896445	T	0.0605
rs11607819	C	0.0778
rs74766959	G	0.4847
rs73440284	A	0.2185
rs7128976	G	-0.1659

rs148069665	G	0.3649
rs12802183	T	-0.074
rs117150170	G	0.3157
rs11246327	A	-0.1146
rs10899246	A	-0.0686
rs12291515	G	0.0871
rs508370	T	-0.0573
rs11607927	C	-0.1586
rs77499725	A	0.0822
rs11023537	A	-0.103
rs11212428	A	0.3389
rs11038271	T	0.0634
rs61897867	T	0.12
rs17359230	T	-0.3785
rs7114040	G	0.0564
rs10899208	T	-0.0704
rs12417836	T	0.1231
rs7947198	G	0.0666
rs117740883	T	-0.3166
rs10894495	T	-0.0589
rs56140628	A	-0.183
rs1263170	T	0.0676
rs61903579	G	-0.0803
rs10837757	G	0.1689
rs10742700	A	0.0642
rs2889415	A	0.2081
rs147239461	T	0.6769
rs117793812	A	0.1783
rs1377569	G	-0.0656
rs144143550	T	-0.1973
rs2727273	T	-0.0546
rs57607909	C	-0.0646
rs11604897	T	-0.0904
rs7927198	G	-0.0736
rs12222810	T	0.0782
rs117812783	G	0.3614
rs73018017	C	0.184
rs76381558	T	0.1462
rs111300412	C	-0.3261
rs10892727	C	0.0696
rs274515	G	0.1157
rs2514079	A	0.1863
rs76448372	A	0.1449
rs72899647	T	-0.23
rs625515	T	-0.0554
rs73027824	T	0.1909
rs5030328	A	-0.1561

rs11223007	T	0.2035
rs73557345	C	0.1746
rs77756595	G	0.1611
rs74874788	A	0.1952
rs17092444	C	0.0564
rs77903009	C	0.1076
rs76454956	T	0.1595
rs4439509	G	0.065
rs72886456	C	0.2721
rs1493549	A	0.2616
rs6591561	G	0.0546
rs2725813	T	-0.129
rs79600045	A	0.225
rs73502466	A	0.142
rs35272687	T	0.0673
rs518677	C	-0.0548
rs10840028	A	-0.0533
rs12791761	C	0.1277
rs3016478	A	0.2672
rs140687099	A	0.189
rs534366	A	0.0668
rs79570064	G	-0.2149
rs4938220	T	-0.0573
rs4526739	C	0.0611
rs12807349	G	0.3056
rs10899584	C	0.0537
rs271038	A	-0.0553
rs1109673	T	0.0737
rs74791313	C	0.2869
rs117045359	G	0.3321
rs141029110	A	0.2174
rs77377422	G	0.073
rs2510044	A	-0.0717
rs11036434	G	0.0534
rs12576638	T	0.0861
rs114515655	T	-0.2804
rs4944114	A	-0.1629
rs4453220	A	-0.0636
rs78351672	T	0.1768
rs592268	A	-0.0761
rs61903140	G	-0.0742
rs2044983	C	-0.0688
rs668946	A	-0.0491
rs492816	A	-0.0636
rs17235951	G	0.2698
rs75080941	C	0.1107
rs143244841	T	-0.1767

rs1039751	C	0.1345
rs11031875	C	-0.2591
rs3890009	T	-0.0614
rs11039418	G	-0.0712
rs60651507	A	0.1232
rs11031849	C	-0.0643
rs4757638	G	-0.0503
rs2115666	T	0.0525
rs12290647	C	-0.1156
rs12417295	T	0.1155
rs7929825	G	0.072
rs7950710	C	-0.1847
rs4150530	T	-0.0834
rs57954977	T	0.1122
rs140119145	C	0.286
rs2729918	C	0.0666
rs72957560	C	0.131
rs72961871	C	-0.0899
rs78448597	C	0.1028
rs61913712	A	0.4018
rs76312757	C	-0.1054
rs11021040	T	0.1297
rs11040343	A	0.3042
rs77104999	T	0.2701
rs79196297	T	-0.1124
rs118064842	A	0.1152
rs7107886	G	-0.0908
rs75665195	G	-0.1764
rs63749183	T	0.0492
rs78848972	G	-0.0768
rs61877455	A	0.0639
rs113174256	T	0.2637
rs77818120	T	0.1895
rs10840252	A	0.0544
rs11606769	A	-0.3016
rs77367824	C	0.1984
rs10741878	G	-0.0625
rs266468	A	0.3001
rs138788954	T	0.1129
rs11041779	C	-0.0891
rs3867272	C	-0.0501
rs574563	T	0.2385
rs75794554	A	-0.2598
rs7936578	T	0.0657
rs1899052	G	-0.0953
rs79160883	T	-0.1989
rs61876925	A	0.2369

rs10766833	C	0.0646
rs4930462	C	0.0585
rs142227930	A	-0.2979
rs12275348	G	0.0872
rs75603389	T	-0.1279
rs77151511	C	0.2067
rs2298472	A	-0.1314
rs75173441	C	-0.1135
rs6592273	G	-0.0511
rs4757875	G	-0.0565
rs1094160	T	0.0647
rs71457780	T	0.1058
rs141698321	C	-0.2326
rs75305193	T	0.248
rs10742276	C	-0.0486
rs499647	A	0.0521
rs7107420	A	-0.0987
rs3870635	C	-0.0497
rs478627	C	-0.0736
rs1698197	T	-0.0695
rs74998004	A	0.3484
rs141522983	C	0.1773
rs16931894	T	-0.1091
rs11237102	C	-0.0674
rs150796787	C	-0.3549
rs140026918	C	0.1963
rs74442188	A	0.1847
rs77538513	C	0.2354
rs150421881	G	0.1512
rs71482592	A	-0.1649
rs1355652	A	-0.0481
rs1425227	C	0.051
rs78339356	T	-0.1591
rs72944758	G	0.1035
rs12276638	T	0.1451
rs12287756	T	-0.1307
rs4944945	G	0.0534
rs10768709	A	-0.0597
rs2564448	G	-0.0493
rs1336820	C	0.0917
rs116246803	T	0.1524
rs679470	T	0.0613
rs11222395	C	-0.0497
rs117909263	A	0.093
rs2957872	T	-0.0486
rs188255	C	0.0795
rs79825424	T	-0.1449

rs2084346	T	0.0628
rs2852179	A	0.2581
rs17311233	T	-0.0864
rs117948753	T	0.1314
rs10734129	T	-0.0627
rs76775184	T	-0.1265
rs72902459	G	-0.0973
rs17820457	C	-0.1355
rs67936729	G	0.0597
rs72963044	C	0.1463
rs7934312	A	0.055
rs74986907	T	0.2056
rs79841190	T	0.2406
rs11219442	A	0.0524
rs61911791	T	0.2578
rs12223084	A	0.263
rs58761034	A	-0.1686
rs34608641	A	0.3151
rs112104392	A	-0.1823
rs77357252	G	-0.1194
rs141417792	G	0.2416
rs117033275	T	0.1157
rs10790520	C	0.0558
rs72912741	C	-0.2038
rs11024876	C	0.1693
rs11236911	T	-0.0943
rs11214263	G	-0.0479
rs2851620	C	0.0584
rs16922306	T	-0.0734
rs73603903	T	-0.092
rs79774351	T	0.0992
rs4075786	C	-0.0946
rs12365591	G	-0.0683
rs117019000	T	-0.1287
rs7939948	T	-0.0474
rs11219484	C	0.1817
rs34057425	A	-0.0652
rs1940359	C	-0.0463
rs55758252	C	0.0574
rs66670048	C	0.0854
rs550001	T	0.0935
rs146177600	G	0.2006
rs139941707	C	-0.1249
rs7928044	T	0.0951
rs74835378	G	0.1252
rs9919551	T	-0.0504
rs2846204	T	0.0504

rs55667192	G	0.0958
rs72903488	C	-0.1282
rs901942	A	-0.0489
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rs7103144	C	-0.0469
rs149772195	C	0.286
rs80034421	C	-0.1878
rs2271449	A	0.0842
rs28526533	C	0.05
rs10891645	A	0.0848
rs9736016	A	0.0479
rs11603837	G	-0.2315
rs1160127	A	-0.0494
rs55834955	T	0.2964
rs4561190	A	0.0834
rs138468492	A	-0.2553
rs78049521	C	0.1816
rs2725807	C	0.0453
rs11219417	A	0.0578
rs146094435	A	0.2984
rs7119477	C	-0.0541
rs1368816	G	-0.0541
rs2322193	A	-0.0587
rs79233197	T	-0.1228
rs2099797	G	-0.178
rs34731047	A	0.1058
rs117806264	T	0.1856
rs76377720	T	0.1958
rs117734523	A	0.1481
rs73578248	T	0.0927
rs148985548	A	0.1881
rs72965829	T	0.0636
rs1793778	A	-0.0525
rs146807500	A	0.1526
rs11215916	C	0.2261
rs12291550	C	0.0783
rs117832492	T	0.1632
rs117435454	T	0.1973
rs73011260	T	-0.1529
rs670991	C	0.1779
rs661124	A	-0.0582
rs35182654	C	0.1457
rs34991329	C	0.0777
rs112396211	G	-0.1862
rs80054926	C	0.088
rs12291967	G	0.2924
rs880946	G	-0.0722

rs12421427	G	0.1129
rs116884829	G	0.1231
rs113015432	T	0.1897
rs74627504	C	-0.1305
rs61900469	A	-0.1281
rs117356358	C	-0.2966
rs2236684	G	-0.1196
rs11600407	A	-0.1004
rs35016813	G	0.2173
rs72942583	T	-0.1917
rs138727866	A	-0.2451
rs114081751	T	0.257
rs35485609	A	-0.0782
rs79009159	A	-0.0732
rs12271867	T	-0.1557
rs140344555	T	-0.2606
rs486903	G	-0.0949
rs12417385	T	0.1629
rs71483701	T	-0.0837
rs7947188	A	-0.1966
rs2466774	A	-0.212
rs650950	T	0.0444
rs12799443	T	-0.0466
rs1236205	G	0.0538
rs3851189	T	0.0517
rs3819256	T	-0.0438
rs77844837	G	-0.2235
rs12294081	T	-0.177
rs139199415	A	-0.2688
rs490460	C	-0.0454
rs17157579	C	0.1739
rs11607450	G	-0.0444
rs11037957	G	0.0448
rs77476981	C	-0.1602
rs10128686	G	0.0553
rs542426	T	0.0611
rs112902971	T	0.0766
rs117582460	A	-0.1893
rs2446902	C	0.0735
rs4078520	C	-0.0494
rs10741930	A	0.0479
rs74569331	T	0.1406
rs117988434	G	0.1493
rs10836345	A	0.1479
rs7942276	A	-0.049
rs12798114	G	-0.0446
rs7478695	T	0.1883

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rs2957518	C	0.1494
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rs12418276	T	0.0568
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rs34816023	A	0.1817
rs75438046	A	0.1385
rs11606391	G	0.2324
rs77772082	T	0.1457
rs2853067	G	0.047
rs10736595	T	-0.0607
rs7131230	C	-0.0641
rs1453590	T	-0.0463
rs71474191	C	-0.1472
rs7950272	C	0.0464
rs57095787	T	0.1611
rs143254252	A	0.3704
rs11232236	C	0.0526
rs35897606	G	-0.1161
rs10838599	T	0.0586
rs112704953	T	0.2238
rs138345948	A	-0.2608
rs677163	G	-0.1335
rs35063518	T	-0.097
rs77687053	A	0.1546
rs11225344	A	0.0765
rs1459951	A	-0.0608
rs11020154	A	-0.1995
rs972139	T	-0.1488
rs2075609	G	-0.0478
rs4237707	A	0.043
rs150703716	A	-0.3335
rs79071315	T	0.0949
rs79205181	C	-0.1801
rs17772101	T	-0.0498
rs1487898	T	0.0912
rs11032128	T	-0.3275
rs11522669	T	0.1837
rs4754338	G	-0.045
rs9666492	A	-0.0848
rs973323	C	0.057
rs12422108	C	-0.0924
rs2555162	A	-0.0468
rs12807410	A	0.0529
rs78132205	A	0.2452

rs4937363	G	0.0616
rs765421	G	-0.0582
rs11825598	C	-0.0438
rs11605159	T	0.0556
rs111891933	A	-0.0927
rs66630602	A	0.0447
rs12275368	G	0.0444
rs12417343	A	0.106
rs35516683	T	-0.2065
rs117082255	G	0.1061
rs144963681	T	-0.2693
rs117207094	T	0.263
rs118037556	T	0.232
rs78375660	A	0.1302
rs17125988	T	0.199
rs16937906	T	-0.0479
rs144598523	T	0.1205
rs1534082	C	-0.0825
rs6484449	A	-0.0433
rs16912326	A	0.0732
rs17881620	C	-0.0521
rs139568121	C	-0.2389
rs633040	C	-0.0477
rs60354571	G	0.1087
rs78832736	A	-0.106
rs35162070	A	0.0987
rs78482047	C	0.0973
rs576170	T	0.1646
rs479966	T	0.0782
rs11033443	T	-0.0433
rs117117915	T	0.1852
rs10894885	C	-0.0726
rs112268927	C	0.2462
rs117099564	T	0.2141
rs7126220	C	-0.0433
rs10895359	A	0.0637
rs79326329	A	0.1445
rs118013234	G	0.2675
rs79296768	C	0.1878
rs140705035	T	0.2176
rs7934959	T	0.0667
rs142099131	T	-0.1321
rs137984130	C	-0.183
rs2734847	T	-0.0537
rs4438017	G	-0.0553
rs16935553	C	0.1321
rs76332582	G	0.2167

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rs2167090	T	0.1525
rs75829086	G	0.1917
rs11602203	A	-0.0775
rs517684	G	-0.0418
rs10501288	A	0.0473
rs11225924	T	0.2296
rs1461684	G	0.0555
rs508778	T	0.0526
rs11233084	C	-0.0464
rs74614175	A	0.1488
rs73413415	A	-0.1954
rs144765440	C	0.301
rs77221694	T	0.1105
rs11018614	G	-0.2148
rs11222081	A	-0.0948
rs2723587	G	-0.0757
rs138006447	A	-0.1058
rs2053756	T	0.0452
rs12361143	G	0.0563
rs117484355	C	0.3024
rs2063082	G	-0.05
rs11019144	G	-0.0519
rs4131591	T	-0.0685
rs10793038	G	0.0473
rs58902900	A	-0.1391
rs10898027	A	0.0574
rs12272846	T	0.2221
rs12365385	C	-0.0436
rs4757108	A	-0.0465
rs117988049	C	-0.1951
rs2355998	T	0.1405
rs16930312	A	-0.3004
rs72893277	A	-0.1224
rs10790610	C	-0.0452
rs12789187	C	-0.0934
rs17233944	C	0.0798
rs1584038	G	0.0566
rs118170286	A	0.1307
rs938792	G	0.047
rs523223	A	-0.046

rs11025396	A	-0.08
rs76666352	A	-0.1286
rs10834048	G	0.0818
rs16909480	C	-0.0724
rs7107675	A	0.0598
rs142524543	A	0.2434
rs73034256	C	0.2199
rs11600379	A	-0.0443
rs140175846	G	-0.2528
rs2306836	C	-0.0595
rs10899065	T	-0.0428
rs2439890	T	-0.0477
rs4362135	C	0.0685
rs113189224	T	0.0646
rs72958511	G	-0.1864
rs12417749	T	0.1341
rs17377145	T	0.1085
rs79039861	A	-0.1833
rs117557190	T	-0.2995
rs12280625	G	0.0573
rs11235181	C	0.0556
rs149741827	G	0.2467
rs11025885	A	0.0412
rs61886189	A	0.1236
rs12274095	A	-0.0843
rs1317411	A	-0.043
rs117500455	C	-0.2373
rs12224130	G	-0.0831
rs17397821	A	-0.0452
rs7933750	A	-0.0699
rs1001118	G	0.066
rs11216806	C	0.0543
rs11022991	G	-0.0657
rs1222208	C	-0.0484
rs140261162	T	-0.1158
rs2865908	T	0.0553
rs7124377	G	0.0773
rs11041273	C	-0.0621
rs12224013	G	-0.141
rs12363906	G	-0.0478
rs16931268	T	0.0587
rs72938129	T	0.1305
rs112487605	T	-0.2672
rs146654860	A	0.1183
rs12791400	G	0.046
rs4752934	A	0.199
rs7934586	T	0.0489

rs112166334	A	-0.1277
rs2186729	C	0.0504
rs11030094	A	-0.0409
rs11822329	T	-0.0528
rs77294061	T	-0.1065
rs61904724	C	-0.2832
rs12271931	G	0.0767
rs10765323	G	0.0428
rs7932210	G	-0.0499
rs742631	T	-0.0448
rs11512905	T	-0.0435
rs7104678	G	0.1001
rs10897120	T	-0.0489
rs138568456	G	0.2992
rs7941869	C	-0.0608
rs12576376	T	0.0877
rs76542543	A	-0.2382
rs117415834	C	0.1198
rs75622977	A	0.2989
rs4415733	C	-0.0446
rs1793835	C	0.3157
rs61875597	G	0.0748
rs11023925	T	-0.0545
rs11042805	G	0.0616
rs118160608	G	0.2934
rs117798555	A	0.1582
rs1487875	T	0.0426
rs12277647	A	-0.0476
rs56235868	T	0.0749
rs596308	A	0.0432
rs73606718	A	0.0651
rs142655778	C	-0.17
rs492536	G	0.1071
rs117926781	A	-0.1141
rs659953	G	0.0426
rs10458997	T	0.0488
rs7111419	G	0.0943
rs636471	A	-0.0769
rs11230544	A	-0.0585
rs7110192	G	0.0434
rs17667248	C	0.0609
rs117608658	C	0.1655
rs11608188	G	-0.0969
rs1368832	A	-0.0598
rs499519	A	-0.0555
rs75089348	A	-0.1362
rs573182	T	0.0464

rs77579417	A	0.1986
rs540461	G	0.0395
rs117242513	A	0.1968
rs4944118	A	-0.0493
rs79222721	C	-0.0852
rs1038101	A	0.058
rs12290368	C	-0.0652
rs1425795	A	-0.1317
rs519794	T	0.0617
rs72920853	A	-0.131
rs1028633	G	0.0526
rs117781395	A	0.2038
rs80351807	T	0.2473
rs35919814	C	0.1297
rs61904353	T	0.0968
rs78434666	A	0.2967
rs545204	C	0.1958
rs67529314	G	0.0727
rs7118765	C	0.0513
rs78338966	T	-0.1534
rs10899675	A	0.0465
rs140273453	C	-0.0757
rs12421762	A	-0.0745
rs1081557	T	-0.0459
rs76303657	C	0.197
rs11023513	T	-0.0461
rs10833076	G	0.0533
rs3763849	T	0.2016
rs11020141	C	0.0652
rs72957958	G	0.1025
rs111732554	C	-0.2162
rs581580	G	0.041
rs80152965	T	0.2363
rs45625132	C	-0.1882
rs2317091	A	0.1474
rs146190129	C	-0.0774
rs1883097	C	-0.0897
rs35579110	G	-0.1615
rs7941984	G	0.0421
rs2462414	T	0.0453
rs11223663	C	0.118
rs7127134	T	0.1107
rs11037503	T	0.0434
rs142498399	C	0.1793
rs10831276	C	0.0509
rs11024979	T	0.0606
rs139112083	C	0.2547

rs57086873	C	-0.0539
rs34469991	G	0.1047
rs78489916	C	-0.1793
rs118078858	C	0.1878
rs108533	T	-0.0398
rs111949841	A	0.3408
rs75227299	T	0.2523
rs34321890	T	0.0585
rs1783944	A	-0.0417
rs77961755	A	0.1803
rs80159584	A	-0.1069
rs77568341	A	-0.0714
rs2276280	A	-0.1496
rs79762782	G	0.1681
rs216496	A	0.095
rs1789289	T	0.0657
rs61879720	T	0.1717
rs112883073	T	0.1837
rs7949969	T	-0.0726
rs117625924	C	-0.2288
rs11236460	A	-0.0577
rs17885550	G	-0.249
rs2127541	C	-0.0424
rs17126230	A	0.0997
rs2602484	G	0.143
rs12798148	T	-0.0666
rs11602700	T	0.1073
rs11219037	T	0.0894
rs147515816	T	0.1384
rs57797362	T	0.0437
rs150088653	C	0.122
rs117521306	C	0.1437
rs11038615	A	0.0955
rs78460763	A	0.0574
rs13377224	T	0.2933
rs7108681	T	0.0467
rs117987574	G	-0.2587
rs73021223	C	0.0718
rs112984201	A	0.1683
rs10833187	C	0.0462
rs531078	G	-0.0444
rs2852426	G	0.0435
rs901291	C	-0.0405
rs7107574	T	-0.0394
rs17385222	C	0.1037
rs146196822	T	-0.236
rs74899468	T	-0.2396

rs12274057	T	-0.0631
rs10765278	T	0.0386
rs11233297	A	-0.2424
rs4754860	C	-0.0455
rs35598486	G	0.1958
rs61900264	T	-0.1176
rs80106063	G	0.1403
rs35905202	A	-0.2349
rs61277802	A	0.0854
rs78201620	G	0.3802
rs7130193	C	0.1069
rs112923397	A	0.1737
rs1216476	G	-0.0481
rs112704858	T	0.0544
rs34812986	G	0.0403
rs526849	C	0.0427
rs56244683	A	-0.0958
rs117068416	G	0.2478
rs148536670	C	0.1845
rs117040111	T	0.1447
rs117261604	T	-0.221
rs45619137	A	0.0796
rs11029547	G	-0.0539
rs59625643	T	0.1611
rs360142	G	0.0654
rs72991206	A	0.0887
rs72978516	C	0.0991
rs11025183	C	0.0502
rs35300363	T	-0.0593
rs10082659	T	0.04
rs71483067	T	-0.1718
rs149608281	C	-0.3
rs10894034	T	0.0387
rs7102746	T	-0.0524
rs117679646	G	-0.2546
rs12795310	C	0.0437
rs11823867	G	-0.0412
rs72926844	G	0.1468
rs71488286	G	-0.1562
rs10792664	T	0.0442
rs143482636	T	0.1362
rs11033094	T	0.1622
rs61908391	T	0.2092
rs76450410	T	0.1932
rs75709671	G	-0.1928
rs113835239	A	0.1089
rs117581437	C	0.2365

rs2087882	A	-0.039
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rs11607862	T	0.0433
rs10736683	T	0.04
rs7125595	T	-0.0773
rs73550939	A	-0.2849
rs4937420	T	0.058
rs10840410	C	-0.0478
rs10833847	T	0.0475
rs140665066	A	0.2146
rs7102814	C	-0.0607
rs11030543	T	0.2319
rs231872	G	0.041
rs3936013	T	0.0417
rs17253343	G	0.2344
rs78200466	T	-0.1868
rs2186741	T	-0.0589
rs11033307	C	-0.0734
rs2156485	T	-0.0466
rs11031104	C	0.0639
rs2604234	G	0.1027
rs11235392	A	0.1274
rs7930845	C	-0.0458
rs7937748	C	-0.0729
rs61620632	T	0.042
rs117531457	A	-0.1463
rs78878323	A	0.0773
rs61891101	C	0.0432
rs2714039	A	0.1273
rs59619445	C	-0.0953
rs150032404	G	-0.1705
rs80233470	T	0.0595
rs17272137	G	-0.0696
rs4944996	T	-0.0474
rs7945507	C	-0.043
rs2682344	A	-0.0642
rs72907506	A	0.1559
rs10834182	T	-0.2705
rs10895557	T	-0.0541
rs150628752	T	0.1252
rs142177925	A	0.2357
rs79280689	A	0.0992
rs117311011	T	0.2479
rs11227206	G	0.0494
rs117217211	T	0.2443
rs4757854	T	-0.0542
rs3890623	G	0.0398

rs74610753	A	-0.1329
rs12801604	A	0.0504
rs679366	G	0.0511
rs2570317	A	-0.0543
rs12146427	A	0.0839
rs11222908	T	0.0498
rs608573	T	-0.0458
rs17104009	T	0.158
rs10830841	C	-0.0464
rs146747043	T	0.1516
rs117255340	G	-0.156
rs78366899	G	0.2056
rs784394	T	0.0702
rs118188276	T	-0.1638
rs61911247	T	0.0885
rs79617807	G	-0.2221
rs16907766	A	0.0584
rs117644754	C	-0.1563
rs2177745	T	-0.0617
rs4882144	T	-0.1378
rs1945068	A	-0.0718
rs143563951	T	-0.1939
rs117282106	A	0.1667
rs11553422	T	-0.2492
rs6592342	T	0.0759
rs111544221	A	0.1675
rs12789423	A	0.1316
rs77458873	G	-0.08
rs10896434	A	-0.0425
rs73002351	T	0.1175
rs10834425	A	0.0376
rs508731	A	-0.0749
rs56038017	A	-0.0711
rs7102502	G	-0.122
rs76197191	A	-0.1057
rs1944712	T	-0.2537
rs2640760	C	-0.1927
rs7479553	G	0.1404
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rs71476967	A	0.0825
rs79814726	A	-0.1102
rs574529	C	-0.0421
rs146654916	T	0.176
rs79808604	A	0.2124
rs11033681	T	-0.1635
rs117326349	T	0.1365
rs11030946	C	-0.0684

rs77410970	T	0.1554
rs73013484	A	-0.0689
rs55957907	A	0.1684
rs7937045	T	-0.0414
rs79773182	A	0.1044
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rs117854205	G	-0.0629
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rs11022340	T	0.0508
rs7127438	G	0.0469
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rs602397	C	0.0564
rs146168120	C	0.229
rs4373935	G	0.0476
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rs11217480	C	-0.043
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rs7929077	A	0.0373
rs949175	T	-0.04
rs117209256	C	-0.396
rs145082019	T	0.1717
rs1018189	A	0.042
rs4357699	A	0.051
rs7121386	T	0.1348
rs80268381	T	-0.2726
rs139378309	A	0.346
rs111464869	A	0.119
rs117579367	C	0.1988
rs17141233	G	0.2352
rs10892760	A	0.041
rs12224801	T	-0.096
rs76625879	C	0.2246
rs10836955	A	0.0478
rs148649545	A	0.1288
rs1941869	C	-0.0441
rs76920208	C	0.1262
rs75438779	C	-0.1365
rs138740842	T	0.1595
rs2226895	C	-0.0455
rs12796559	T	0.2111

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rs387137	C	0.042
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rs11235142	T	-0.04
rs7104654	A	-0.0611
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rs1961710	T	0.0569
rs16914254	G	0.2088
rs10890853	A	0.0518
rs56255127	T	0.055
rs1944438	A	0.0401
rs148209242	T	0.1209
rs149613666	A	-0.054
rs3824874	G	-0.0396
rs2846059	T	0.0429
rs78727639	A	-0.1732
rs34659453	C	0.0577
rs75746332	T	-0.1701
rs3969419	G	-0.0522
rs77270138	A	-0.0963
rs10500844	C	-0.0406
rs1581422	A	0.0507
rs11604855	A	0.2027
rs10751257	G	0.0433
rs60719508	C	0.2213
rs10894514	G	-0.0486
rs7937776	C	0.0491
rs12419699	C	0.0609
rs11213228	G	-0.0478
rs8189012	T	-0.0502
rs11231635	C	0.113
rs61877361	A	-0.1977
rs55946904	A	-0.0707
rs10832232	G	-0.0439
rs111294134	C	0.1243
rs78778622	C	0.1278
rs11607351	A	0.1561
rs7939560	A	-0.0549
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rs12574921	G	-0.0522
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rs7949570	C	0.0377
rs71469599	T	0.0997
rs4114383	T	-0.0526
rs72923084	G	0.2792

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rs72884123	C	-0.0758
rs1977420	T	0.0398
rs10891940	A	0.0378
rs574524	T	-0.082
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rs35211297	A	-0.1309
rs117737140	G	-0.2228
rs112272549	A	0.136
rs77570340	T	-0.1643
rs2237956	A	-0.0389
rs511484	C	0.0422
rs1647396	G	-0.0384
rs147587837	C	0.2685
rs1802608	T	0.0954
rs140658642	C	0.2077
rs11606206	G	0.0533
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rs7930785	T	-0.061
rs1945865	A	0.038
rs292109	T	-0.0381
rs11214140	C	-0.0641
rs1955013	A	-0.0406
rs55861597	T	-0.0515
rs12420166	C	-0.0674
rs76006672	C	-0.126
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rs117911150	G	-0.1937
rs438274	A	0.0756
rs6592194	T	-0.0385
rs78529703	T	-0.0777
rs10835394	C	0.0483
rs677354	C	-0.1112
rs7103579	A	0.0486
rs4922823	C	-0.0509
rs10501779	G	0.0511
rs72859311	A	-0.0785
rs4937314	G	-0.0691
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rs7943936	C	-0.04
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rs76844341	G	0.239
rs11032744	T	-0.0618

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rs11221734	G	0.0591
rs649631	A	-0.1174
rs10893653	G	-0.0734
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rs117259577	T	-0.2864
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rs35317814	G	0.2601
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rs674046	G	0.0378
rs78574771	A	0.1587
rs10836532	T	0.0459
rs3889670	T	0.1374
rs563942	G	0.0444
rs7932877	G	0.0407
rs139582878	G	-0.3444
rs10488759	C	0.0429
rs60294623	G	-0.1604
rs34793111	T	-0.1741
rs7114137	C	0.04
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rs10767075	T	-0.055
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rs117179392	A	0.1592
rs76367202	G	0.2205
rs666333	A	0.134
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rs6592325	A	0.0463
rs1941848	A	0.0369
rs7111586	T	0.0497
rs11601290	T	0.0548
rs77054772	A	0.1495
rs148760987	A	-0.208
rs75569360	G	-0.1339
rs117108171	T	-0.1711
rs7110338	G	0.0387
rs11025174	G	-0.0686
rs76710367	T	-0.1972
rs2513423	T	0.1303

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rs431631	C	0.0624
rs7945957	T	0.0416
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rs17577073	C	0.0375
rs7131056	A	0.0371
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rs75345324	C	0.1237
rs72907814	T	0.0661
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rs12806493	T	0.0442
rs11224988	T	-0.0868
rs73041753	G	0.2114
rs7928362	T	-0.0764
rs7946717	C	-0.1923
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rs117801657	T	0.2342
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rs2729878	C	-0.0474
rs138353070	C	-0.1841
rs77077276	G	-0.1089
rs1219447	T	0.0757
rs117934961	G	-0.1903
rs10836914	G	0.0666
rs10437664	G	0.0595
rs78336694	T	0.1649
rs11221755	A	0.074
rs4936023	G	0.0544
rs11529897	G	-0.1183
rs470686	T	0.0443
rs4340077	T	-0.0637
rs7939089	A	0.1203
rs12792418	C	0.0439
rs79910205	T	0.1226
rs2468859	T	-0.0624
rs11029902	C	0.1042
rs2412432	A	-0.0386
rs4756041	A	0.0818
rs12361252	A	0.0438
rs647516	A	0.0791
rs150075047	A	0.1933
rs673796	G	-0.0927
rs112466186	G	-0.1331
rs12788072	G	-0.072

rs117518228	G	0.0575
rs4534573	A	-0.0435
rs1354790	G	0.0401
rs71473827	C	0.0594
rs12794723	G	-0.0502
rs116853991	T	0.1
rs143591197	C	0.1325
rs75040503	C	-0.0697
rs117836835	A	0.1086
rs7114639	T	0.0371
rs2846304	G	0.045
rs505679	A	-0.0654
rs12272718	G	-0.0358
rs4536195	G	-0.0443
rs145331793	G	0.1472
rs74916186	C	-0.0638
rs521765	G	-0.0686
rs34683888	A	0.0903
rs217767	A	-0.0359
rs10501365	G	-0.0585
rs79371681	A	-0.0734
rs627956	G	0.1195
rs493659	A	-0.1493
rs4910832	T	0.0609
rs72944826	T	0.1968
rs12788626	G	-0.0495
rs144208780	T	-0.1817
rs10466728	G	-0.0744
rs115482747	T	0.1508
rs10750297	C	0.0424
rs7105881	T	0.0378
rs2746600	G	0.039
rs78308457	A	0.098
rs146218162	G	-0.1671
rs12274107	G	-0.0612
rs56126913	T	-0.1264
rs2863131	A	-0.0379
rs78451361	A	-0.1851
rs117816335	A	-0.2085
rs7952026	G	-0.0365
rs2682098	A	-0.041
rs77077698	T	-0.1494
rs61883695	T	0.2165
rs150617529	C	0.2452
rs137921468	G	-0.2552
rs141486174	T	0.1884
rs140745184	T	-0.1799

rs10898949	C	-0.0574
rs113732597	T	0.0776
rs1109241	A	0.0946
rs7104612	A	-0.0441
rs111477882	T	0.0707
rs873491	A	-0.0452
rs117763281	A	-0.2376
rs61880906	C	0.1649
rs217769	T	0.0616
rs74320370	A	0.0668
rs11601539	C	0.1445
rs1792331	C	-0.039
rs118092964	T	-0.3228
rs74517437	A	0.0912
rs10219376	C	-0.0481
rs72979781	A	-0.1386
rs12364141	C	0.0394
rs10789828	C	-0.0851
rs72900479	A	-0.0585
rs117157343	C	-0.1625
rs1939981	C	0.0467
rs151061966	C	-0.1677
rs11023744	C	-0.041
rs7480395	G	0.0385
rs3781990	T	0.0624
rs149930778	T	-0.206
rs670872	A	-0.0474
rs80065386	A	-0.0845
rs35486442	T	0.0999
rs72873034	T	-0.2642
rs12806155	C	0.0881
rs11823901	T	0.2212
rs76210380	C	0.1696
rs11221386	A	-0.0489
rs11021955	T	0.0592
rs79494104	G	0.2411
rs12295156	A	-0.0539
rs150443039	A	-0.1145
rs10892608	A	0.0354
rs150796591	A	-0.1995
rs11228997	G	-0.0589
rs34144183	C	0.1237
rs11224483	T	-0.0854
rs11219849	A	-0.042
rs4922580	G	0.0357
rs7108746	A	0.0414
rs55916845	G	0.2624

rs112477709	T	-0.2152
rs2226850	C	-0.0492
rs117802483	A	0.1324
rs10832262	T	0.0488
rs599776	A	0.0459
rs116908305	A	0.152
rs667797	A	0.114
rs73491200	G	0.169
rs1557434	C	0.0413
rs75958925	T	0.3099
rs36029262	G	-0.2499
rs4935985	C	-0.0424
rs12362499	G	0.0412
rs72911834	A	0.0664
rs117080064	G	-0.1632
rs74572640	C	-0.2612
rs4252588	T	-0.1248
rs111614723	A	-0.1874
rs17256048	G	-0.1388
rs10791394	C	-0.0459
rs112350723	C	0.1367
rs11225989	T	0.212
rs76809168	A	0.1227
rs113043931	C	0.1706
rs16937196	A	-0.0396
rs117681561	A	0.1539
rs1943308	G	-0.0474
rs9667743	C	0.0595
rs12226032	A	0.0368
rs111921931	T	0.0887
rs513718	C	0.3104
rs61229722	T	0.0482
rs12365717	C	-0.0709
rs11042224	G	0.0456
rs2883827	T	0.0451
rs2513645	A	0.0371
rs77638919	A	-0.0951
rs360168	G	0.0917
rs115897172	C	0.1068
rs1793786	T	0.0889
rs11026072	A	0.0377
rs12276091	A	-0.0963
rs7941064	G	-0.0396
rs145753653	A	-0.1651
rs74736885	G	-0.0609
rs3019662	C	-0.039
rs72851966	C	0.1426

rs571348	T	-0.0393
rs10430841	A	-0.0363
rs2512988	A	-0.0358
rs602832	G	-0.0524
rs6421593	A	-0.0359
rs645275	G	-0.0358
rs898364	G	0.0424
rs148462641	A	-0.1598
rs11022533	T	-0.0386
rs112851584	T	0.0665
rs6484112	C	0.0487
rs142207013	G	0.254
rs12269876	G	0.0403
rs12417998	A	-0.0648
rs72870320	T	0.0464
rs1466068	T	0.037
rs1462220	A	0.0372
rs610160	C	0.055
rs3133336	T	-0.0532
rs117443199	G	-0.2107
rs77398663	C	0.2436
rs578137	C	-0.0636
rs12806670	A	-0.0998
rs12288289	T	-0.1178
rs77675731	G	-0.1745
rs58822187	C	-0.1248
rs17102966	T	-0.1904
rs4937518	A	-0.0415
rs12418076	C	-0.0734
rs12788303	A	0.0635
rs4303250	T	-0.1558
rs78631951	T	-0.1555
rs4556546	A	-0.0568
rs118065342	G	-0.0853
rs77611215	G	0.1447
rs12283621	C	-0.0374
rs12805441	C	0.1593
rs55885673	T	0.0649
rs589658	C	0.0359
rs73024358	G	0.052
rs7943730	A	-0.0405
rs3892729	C	-0.0374
rs117164386	A	-0.2029
rs150077704	A	0.132
rs35155354	C	-0.0624
rs11600179	A	0.0844
rs57094457	A	-0.0791

rs566189	C	0.0555
rs11825971	A	-0.0432
rs3990898	T	0.0397
rs61897409	A	-0.0634
rs1792174	G	-0.036
rs11545229	A	0.3444
rs11820842	A	0.1715
rs73000867	G	-0.1473
rs2155849	A	-0.1463
rs77717703	C	-0.0572
rs71486326	A	-0.0522
rs10896993	G	-0.0359
rs1939483	A	0.07
rs80053533	T	-0.1511
rs3018549	A	-0.0427
rs61883793	T	-0.0443
rs4611189	A	0.1486
rs2928044	C	-0.0384
rs144337303	G	-0.1722
rs12365840	A	-0.0733
rs10832749	A	0.0591
rs34009217	C	0.0639
rs2641938	G	0.0435
rs11034197	A	0.1633
rs56003637	T	0.037
rs11218059	T	0.0486
rs4294528	A	0.073
rs4034	A	0.0369
rs113137102	A	-0.1233
rs10891753	A	-0.0354
rs11041124	G	0.0442
rs12420909	A	-0.1319
rs7114400	C	-0.0527
rs4755239	T	0.0596
rs2254643	A	-0.039
rs75257034	G	-0.09
rs12364111	G	-0.0405
rs11600953	A	0.0429
rs12804793	T	0.0473
rs7102245	G	0.0706
rs504941	C	0.0557
rs147330727	T	-0.2409
rs10047420	A	0.0351
rs139914155	A	0.2269
rs4757968	T	0.0368
rs325681	T	-0.1125
rs80079872	T	0.0909

rs6484559	G	-0.046
rs3758736	A	0.052
rs71474543	T	0.2042
rs79931980	G	-0.0414
rs12418653	A	-0.1219
rs792520	C	0.0412
rs11236181	G	0.0567
rs72851226	T	0.1436
rs61901909	A	0.098
rs74840273	G	-0.195
rs4755240	C	-0.0439
rs34033403	G	-0.0445
rs72846743	T	0.1395
rs113523070	A	-0.2121
rs78438473	A	0.1562
rs12224514	C	0.1931
rs111310676	A	0.2154
rs6485580	C	-0.0374
rs80013263	T	-0.1393
rs7116708	C	0.1161
rs112246582	A	0.203
rs1984638	T	0.1966
rs2509814	G	0.0479
rs16913337	C	-0.2403
rs72871198	A	0.1061
rs7105258	T	0.0492
rs7103088	A	-0.0581
rs76513307	A	-0.1854
rs11217854	G	-0.0505
rs636629	G	0.0531
rs34047092	T	-0.0685
rs60509704	A	-0.1716
rs75783037	A	-0.1285
rs117430265	G	0.1453
rs73000965	A	0.0383
rs150203597	T	0.1633
rs78173768	G	-0.1804
rs148107033	T	-0.1197
rs77999137	G	-0.1039
rs1836794	G	0.2256
rs113348846	A	0.106
rs78997600	T	0.1976
rs1151488	C	0.0383
rs118103617	T	0.1115
rs7110348	G	0.0411
rs112550647	G	0.3298
rs56404917	T	0.1531

rs112198489	T	-0.0644
rs61900277	T	0.1742
rs10892631	A	-0.0416
rs77037840	G	-0.0853
rs7110831	C	-0.0356
rs1836119	T	-0.0507
rs6592029	G	0.1876
rs76395044	C	0.0798
rs11601915	G	-0.0926
rs73511848	G	0.0534
rs17305386	A	-0.2647
rs1585226	A	-0.0347
rs76186473	T	0.2797
rs2722776	A	0.0485
rs11035999	T	0.0442
rs595760	T	0.0373
rs4910692	A	-0.0347
rs117764543	G	-0.0903
rs1219435	C	0.047
rs7121601	T	0.0371
rs7944716	G	-0.0356
rs75092478	G	0.1756
rs530752	G	-0.0672
rs79741386	A	0.2596
rs137984283	G	0.2396
rs7119358	G	-0.0459
rs144697535	C	0.1581
rs4936431	G	0.1465
rs654217	G	-0.0535
rs72853268	C	-0.1628
rs1518747	C	0.0764
rs11236569	A	-0.0658
rs645451	T	0.0878
rs10901967	C	0.0748
rs75039528	T	0.1052
rs61911097	A	0.1138
rs78705591	C	0.2192
rs139439002	C	-0.2
rs11599989	C	0.2784
rs73010228	G	0.1095
rs12279719	G	-0.0682
rs2512947	A	0.0348
rs72890830	C	0.2034
rs72884805	C	0.1198
rs7940590	C	-0.0496
rs11607239	T	0.2
rs4936046	T	-0.04

rs61892127	C	-0.0406
rs112534466	T	-0.1489
rs4945156	A	-0.0544
rs2002720	A	0.2488
rs653008	T	-0.0375
rs146164779	T	-0.2785
rs643077	A	0.0475
rs5110	A	-0.0962
rs79248351	G	0.1653
rs71479161	A	0.0615
rs901553	C	-0.0368
rs71491856	A	0.071
rs61881129	A	-0.048
rs498186	C	-0.0349
rs11825791	C	-0.0405
rs4247634	G	0.0361
rs949056	G	-0.0385
rs7949490	A	0.1118
rs2514248	G	0.0907
rs10765427	C	0.0508
rs7105785	T	0.0798
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rs10892950	C	-0.1092
rs61878586	G	-0.0672
rs146857006	G	0.1874
rs116899583	T	0.1327
rs4046759	G	0.0954
rs75278497	T	0.0789
rs7937147	T	-0.0441
rs12792664	A	0.1309
rs66495925	T	0.0725
rs10836429	T	0.035
rs6486331	T	-0.0392
rs117053481	A	0.2034
rs10743149	T	0.0835
rs1148093	G	-0.034
rs76613195	A	-0.0494
rs12281138	A	0.0739
rs73026986	A	0.2028
rs7127081	A	0.0791
rs61895765	A	0.1108
rs10834422	C	-0.0448
rs148036544	T	-0.1788
rs17132819	T	-0.0861
rs116856773	G	-0.2369
rs2061596	T	0.0512
rs10769029	G	-0.0539

rs10466511	G	0.037
rs61913377	T	0.0349
rs118006048	G	0.1278
rs6485409	A	-0.0669
rs17306622	A	-0.098
rs75724517	T	0.222
rs116867251	A	-0.1349
rs638089	C	0.0347
rs684078	A	-0.0547
rs76136259	T	-0.0355
rs1648150	A	0.0394
rs522645	A	0.0609
rs11021929	C	0.0357
rs73470055	G	0.051
rs79889168	G	-0.1485
rs4617622	A	0.0362
rs61595086	C	-0.1453
rs79997267	C	0.1193
rs61902981	C	-0.0942
rs75461585	G	-0.1154
rs61888304	A	0.0499
rs865174	G	-0.1385
rs11023142	G	0.0444
rs10791409	T	0.0522
rs144885343	G	-0.1864
rs74800709	C	0.085
rs9943588	T	0.036
rs117770471	A	0.1083
rs11220380	T	0.1185
rs11027972	G	0.1212
rs76191344	T	0.163
rs7940667	A	-0.0667
rs1938634	T	-0.0421
rs55637206	T	0.2497
rs57818428	T	-0.1086
rs55770928	G	0.1522
rs7104213	C	0.067
rs115387481	G	-0.1114
rs141796656	G	-0.1547
rs2512096	A	0.0731
rs7114599	C	0.0706
rs72979267	C	-0.0624
rs75022463	C	-0.0832
rs6591518	C	-0.0631
rs2301128	A	-0.0546
rs4922677	A	-0.1236
rs1945794	T	0.0535

rs139825178	T	-0.1514
rs11236672	T	0.0487
rs10743085	G	-0.0575
rs75237534	A	0.1716
rs12422139	T	-0.0679
rs297321	G	0.2999
rs2212343	G	0.107
rs67280587	G	0.0345
rs2676375	G	0.0399
rs118064767	A	-0.1029
rs11230137	A	0.0419
rs72941376	C	-0.1541
rs541545	C	0.0369
rs77548282	T	0.1093
rs34687622	C	0.13
rs72868553	A	-0.062
rs653478	A	0.0367
rs143216827	C	-0.1788
rs7114034	G	-0.0371
rs140201270	A	0.257
rs34623831	C	0.2139
rs112543847	T	0.0884
rs117915906	A	0.0804
rs35505492	A	-0.182
rs10890788	C	0.0401
rs150041480	G	-0.1434
rs329641	A	-0.0358
rs11033303	A	0.0379
rs34749378	G	0.0431
rs142419042	T	-0.2578
rs144795848	G	0.1932
rs11224819	C	-0.0556
rs11023013	G	0.0636
rs500389	G	0.0346
rs916812	T	-0.0629
rs10500812	G	-0.0332
rs41503846	T	0.1978
rs72879339	A	0.0725
rs622175	T	0.0347
rs586064	A	-0.0763
rs61882196	T	-0.1853
rs7125753	A	0.1066
rs11029993	C	0.1636
rs10890781	C	0.0985
rs75325584	G	0.2424
rs56319966	A	0.0957
rs76890524	G	-0.0942

rs117567948	T	0.1937
rs11022106	A	0.0926
rs10832089	C	0.0355
rs11600288	T	-0.0567
rs113001570	T	-0.0746
rs1670195	C	0.25
rs1194876	G	0.0366
rs7115549	T	0.2974
rs60813344	C	-0.2874
rs78054182	C	0.0918
rs76305232	A	0.1842
rs11036788	A	0.0939
rs75894985	A	0.2333
rs3018731	A	0.0494
rs11216867	G	-0.0416
rs493141	A	0.0464
rs117994429	G	0.1412
rs78246868	A	0.2048
rs117832459	A	0.0828
rs12787515	A	-0.074
rs77659302	T	-0.2074
rs78255332	T	-0.088
rs56697477	A	0.0426
rs61891302	G	-0.1169
rs78977588	A	-0.0566
rs1793549	T	0.0385
rs2785174	T	0.0398
rs79988761	A	0.1251
rs74996139	T	-0.2094
rs4148617	A	-0.0391
rs144218656	C	-0.1858
rs75406502	A	0.2214
rs2236647	T	0.034
rs78426959	A	-0.1609
rs17418246	T	0.0349
rs10890847	T	-0.0408
rs7924721	A	-0.0503
rs12786868	T	-0.1516
rs55744154	G	-0.0624
rs2785184	A	0.0464
rs658289	C	-0.0423
rs75200329	T	0.0843
rs61913977	C	0.0909
rs117224859	C	0.2315
rs7114248	T	-0.0421
rs2155135	G	0.136
rs77546866	A	-0.0755

rs79892107	T	0.0889
rs77586708	T	-0.1384
rs78756526	T	-0.1503
rs353630	A	-0.0369
rs1917871	A	-0.0384
rs4400842	A	0.0482
rs10835105	T	-0.0345
rs12282501	A	0.0526
rs318986	G	0.0487
rs117568831	A	-0.272
rs6486394	G	0.0373
rs61886710	G	-0.0428
rs12796307	A	0.0653
rs12420723	T	-0.0611
rs55931816	A	0.1537
rs61914738	T	-0.1563
rs3849982	G	-0.0375
rs148976811	G	0.2232
rs74831998	G	0.1055
rs6589499	A	0.079
rs116017502	T	0.1151
rs6483489	C	-0.0351
rs11604023	T	0.2342
rs117423493	T	-0.1527
rs10765850	T	-0.0436
rs575257	G	0.0333
rs7927310	A	0.1389
rs660748	C	-0.0342
rs149696829	A	-0.215
rs80217529	A	-0.1178
rs79205097	T	-0.1455
rs45591844	C	0.1432
rs10789819	A	-0.0369
rs57770200	T	0.062
rs11038361	T	0.0965
rs689752	C	-0.1789
rs78497305	C	-0.2264
rs12292077	A	0.1067
rs35086137	C	-0.0795
rs2440389	A	-0.0682
rs112368778	T	-0.158
rs80212874	G	-0.0663
rs11216474	G	0.0326
rs11025951	G	-0.0577
rs12789836	G	-0.056
rs308299	A	-0.1306
rs7121018	T	-0.0663

rs36074929	C	0.1585
rs138489397	G	-0.0855
rs75576903	T	0.2296
rs547612	A	-0.0345
rs140218478	T	-0.1349
rs138570247	A	0.259
rs35868113	C	0.0568
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rs58608217	A	0.0725
rs112067033	T	-0.1521
rs12282538	T	-0.1385
rs151289138	A	-0.1852
rs117432293	A	0.1482
rs286896	A	-0.0374
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rs9667078	A	-0.0477
rs10835760	A	-0.0355
rs75134844	G	0.1014
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rs7943297	A	0.0388
rs7126682	A	-0.0789
rs34451278	G	0.1641
rs1944113	C	-0.1011
rs10891845	T	0.036
rs144481490	T	0.1255
rs117570651	A	-0.1253
rs11606204	A	0.0832
rs72930283	G	-0.0495
rs4095689	G	0.042
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rs11825265	C	0.0362
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rs112383992	G	-0.2355
rs10501851	G	0.052
rs75922637	A	0.1293
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rs12287711	C	0.0391
rs75160170	T	0.1407
rs12806439	C	0.0515
rs7933807	C	-0.034
rs7934191	C	0.0352
rs1865731	C	-0.0338
rs2403568	T	-0.0501
rs7121214	A	0.0336
rs11212045	C	-0.0394
rs16923378	C	0.0571
rs4468343	T	0.0504

rs2047299	A	0.0928
rs983914	A	-0.0344
rs7931418	C	0.0958
rs2257023	A	-0.0506
rs58990523	T	-0.0957
rs4938111	G	-0.0497
rs67976715	C	0.0384
rs7106446	A	-0.0534
rs12791103	T	0.0752
rs1784021	C	0.0396
rs75055230	C	0.1158
rs111698961	A	0.106
rs11021715	C	0.036
rs12574352	G	0.1257
rs79653698	G	0.1894
rs11229961	G	0.0726
rs61896909	T	0.0821
rs10894739	A	-0.054
rs10892155	T	-0.0981
rs5006884	T	-0.0381
rs11820623	G	-0.1156
rs11232381	C	0.0365
rs557856	T	0.0455
rs79562743	G	0.1532
rs79453398	G	0.0784
rs11600250	C	0.2502
rs13377314	G	0.0555
rs11606534	T	0.0844
rs61917769	C	0.1415
rs11042643	G	0.0449
rs1715457	A	-0.0376
rs7128890	G	0.0331
rs11600515	C	0.0473
rs12226744	C	0.0503
rs117268117	T	0.1175
rs67003790	A	-0.0365
rs72979233	G	-0.0415
rs78102309	A	-0.0571
rs1613596	A	0.0348
rs75888579	C	0.1193
rs11222472	A	0.0559
rs12799769	T	-0.1436
rs11213863	C	-0.034
rs144567699	G	0.0881
rs59677928	G	0.087
rs12801338	A	-0.1353
rs10840228	A	0.0391

rs74669447	G	0.0659
rs11233872	A	0.0478
rs969055	A	0.1291
rs78546158	C	-0.0987
rs885002	A	0.0938
rs148248056	G	0.1075
rs12786028	G	0.1887
rs80091107	G	0.139
rs72961223	A	-0.0663
rs11230741	A	0.0587
rs116845306	A	-0.1339
rs12361540	A	-0.0713
rs4485140	A	0.1357
rs4758341	G	-0.0397
rs72640898	T	0.1594
rs231910	A	0.0339
rs118119748	C	-0.2792
rs10501252	C	0.0358
rs112451652	T	0.2059
rs11224706	C	-0.104
rs640796	T	0.0457
rs1944144	T	0.0503
rs141522080	T	0.1815
rs11607213	A	0.1101
rs11237704	T	0.1283
rs112461673	T	-0.1389
rs116966964	A	0.1713
rs1615979	G	0.1972
rs72858802	T	0.07
rs578029	A	-0.0393
rs79502209	T	-0.2223
rs594759	A	0.0325
rs61877000	A	-0.0575
rs10897974	T	0.0535
rs10767518	C	0.0482
rs118013809	G	-0.1361
rs10500956	T	0.0444
rs2846372	C	0.0417
rs11024786	T	-0.0341
rs73517929	A	-0.1547
rs11236497	A	-0.0687
rs12361680	C	0.077
rs1107443	T	-0.0567
rs34356535	G	0.1124
rs79751425	A	0.1363
rs74576900	G	0.2036
rs41268195	G	0.2092

rs607987	G	0.0329
rs56208622	T	0.1474
rs113493084	C	0.0566
rs111642801	G	0.1053
rs35978571	G	-0.0359
rs10789881	A	-0.0414
rs72989804	C	-0.0499
rs75045826	A	0.2467
rs117329027	G	-0.2362
rs116865019	A	0.1585
rs117816894	T	-0.1779
rs76285882	T	0.0871
rs1966864	C	-0.0439
rs116864079	T	-0.1466
rs10793376	C	-0.0773
rs74789848	C	0.1507
rs61898701	G	0.0766
rs1993543	T	0.0426
rs139463899	C	-0.219
rs588407	T	0.0472
rs12363786	G	-0.1559
rs80320550	T	0.2
rs10791602	A	0.0402
rs7941613	G	0.1556
rs73413393	C	-0.0744
rs10840567	G	-0.04
rs139617128	A	-0.1644
rs12417213	A	0.1926
rs79896662	A	0.1356
rs1793193	T	-0.0373
rs61749187	A	0.1076
rs73025721	C	0.1635
rs7111210	G	0.0452
rs116973675	A	0.131
rs11213882	A	0.0677
rs112268165	T	0.182
rs7110076	G	0.0335
rs78263502	T	0.0719
rs117750142	G	0.1445
rs11021118	T	-0.0461
rs79226713	C	0.1414
rs116896243	C	-0.2076
rs10893046	A	-0.0411
rs151159256	C	0.1538
rs139506941	A	0.1806
rs139092102	T	-0.1577
rs112345492	G	0.0647

rs147343873	C	-0.1708
rs2282507	T	-0.0455
rs112366905	C	-0.1042
rs11041218	G	-0.0697
rs74939159	G	0.1384
rs6416052	G	0.1343
rs4758006	T	-0.0457
rs144422373	A	-0.1158
rs146134766	C	-0.1826
rs55681536	A	-0.0428
rs117553646	T	0.1801
rs118178307	G	0.1386
rs871401	T	0.0341
rs2074310	T	0.0333
rs116941215	G	-0.208
rs10047474	C	0.0364
rs12791316	G	0.0322
rs142211893	C	-0.1485
rs4472968	A	0.0903
rs4298915	G	-0.054
rs34418043	G	0.0384
rs79868289	T	-0.1033
rs28666693	T	-0.0408
rs61898615	A	0.1845
rs114105302	T	-0.1726
rs16915415	A	0.0845
rs148065815	T	-0.1078
rs10891391	G	0.0344
rs75527235	A	0.169
rs495041	T	0.0527
rs75757253	G	-0.1476
rs75967496	G	0.1217
rs1906089	A	-0.0365
rs904317	A	0.1224
rs140438555	T	-0.1173
rs34143441	T	0.19
rs10430887	A	-0.0457
rs4936353	A	-0.0322
rs139368128	T	-0.2698
rs147985580	T	0.2095
rs111629286	A	0.1515
rs11024393	T	0.0535
rs72939508	T	0.1447
rs75318498	C	0.1386
rs1371352	G	0.0787
rs117039487	A	-0.1275
rs117771892	G	-0.2084

rs61901226	T	0.0456
rs72948786	T	-0.0579
rs79110604	C	0.1477
rs12221682	G	0.0602
rs74600223	A	0.0761
rs12789020	T	0.0433
rs509968	G	-0.0358
rs7947221	T	0.0983
rs116978601	T	-0.1598
rs73014390	T	0.1845
rs16933888	C	0.0647
rs4996144	T	-0.036
rs12291225	A	0.0369
rs79448290	G	0.0684
rs113916588	A	0.1004
rs1791802	C	0.043
rs111570379	G	-0.13
rs68069305	C	0.0413
rs75343922	T	0.0825
rs117968925	T	0.3231
rs79479926	G	0.3086
rs4245121	T	-0.2918
rs7120258	A	-0.0596
rs2852993	G	-0.0622
rs77516921	C	-0.1511
rs74777992	T	-0.0947
rs7946851	C	-0.0753
rs11263595	A	0.042
rs987482	C	0.0815
rs614624	A	0.0423
rs12362647	G	0.0656
rs11607737	A	-0.0356
rs7123869	C	0.1571
rs594484	T	0.0365
rs11246074	G	0.042
rs75214830	A	-0.0955
rs2002734	T	-0.041
rs74361939	A	0.1233
rs61909238	G	-0.0779
rs11027687	C	-0.0336
rs10893733	T	0.0407
rs75289671	T	-0.1278
rs1893674	G	-0.0348
rs112875798	T	0.0509
rs2513433	G	0.0337
rs11235292	A	0.1114
rs77647613	A	0.0794

rs144342710	A	0.16
rs79198283	A	0.1419
rs56397102	G	-0.1358
rs7110347	A	-0.0562
rs61402773	T	0.1589
rs1346836	C	0.1528
rs117350768	A	0.1363
rs7104343	T	0.0548
rs10466613	A	0.0913
rs10741421	T	0.1444
rs75357158	T	0.0654
rs7939244	A	-0.1518
rs72992873	G	-0.141
rs7103313	A	0.0594
rs34281659	C	-0.1097
rs10891554	A	0.0552
rs72986700	A	-0.0731
rs12286561	T	-0.1976
rs1993351	G	0.0341
rs7928765	T	0.0637
rs142898085	G	-0.2503
rs117793327	G	0.1468
rs77448543	T	-0.0396
rs77095488	T	0.1107
rs17592124	A	-0.2939
rs10892512	A	-0.0364
rs6592515	T	-0.0505
rs559638	C	-0.0338
rs10832878	A	-0.0951
rs11220490	T	-0.0453
rs75610316	T	-0.0877
rs76028951	T	0.1783
rs7936123	G	-0.0352
rs118095609	T	-0.2673
rs73000671	C	0.0646
rs7935166	A	-0.0475
rs7123198	T	0.0342
rs4237782	C	-0.0477
rs11225490	C	-0.0446
rs140211344	T	-0.1695
rs12146463	A	0.0417
rs1347291	T	0.0322
rs75600565	A	0.1791
rs7111307	G	-0.0761
rs10833190	G	-0.0471
rs2250417	T	-0.0329
rs878625	A	0.067

rs7931040	A	0.0457
rs7926800	T	0.0349
rs61739062	T	-0.124
rs12361994	C	0.075
rs117894297	T	-0.16
rs10766454	T	0.0369
rs79105967	A	0.2351
rs901560	G	-0.0705
rs80177546	T	0.1218
rs4150614	A	0.0431
rs7120511	C	-0.033
rs73025685	C	0.0943
rs144892029	T	-0.1046
rs117772124	A	0.1571
rs142289341	A	0.062
rs117448681	A	0.0844
rs117921503	A	-0.1768
rs11233163	T	-0.0349
rs1837604	A	0.0842
rs3758947	A	0.0408
rs7126080	G	0.0313
rs79064836	C	0.108
rs141317479	A	0.1359
rs324154	T	0.0375
rs138047208	G	0.2204
rs4757024	A	-0.0475
rs7940691	C	-0.0343
rs17653181	C	-0.154
rs262407	C	-0.0825
rs4754195	T	0.0315
rs1393275	C	0.0729
rs56123707	A	-0.1666
rs1715284	T	-0.0635
rs77329428	A	-0.1353
rs118029566	A	-0.2727
rs11034603	T	0.0405
rs7109944	C	0.037
rs1464157	G	-0.0507
rs117556552	T	0.1863
rs147129939	G	0.1678
rs11214883	C	0.104
rs11041172	A	0.1171
rs80077827	T	-0.1367
rs3740763	T	-0.0331
rs75593810	A	-0.1639
rs11236937	T	0.0743
rs35291460	A	0.08

rs10741552	A	-0.0574
rs10790443	C	0.0346
rs150186790	G	0.1288
rs1800738	A	-0.034
rs145014327	T	0.1329
rs35643618	C	0.0592
rs12362796	T	0.0467
rs657666	A	0.0411
rs12282383	C	0.0636
rs7122501	T	-0.0775
rs10741526	C	-0.0389
rs116961375	A	0.1354
rs78294883	A	0.1635
rs35788223	G	-0.1726
rs1216094	T	0.1847
rs549912	C	-0.0447
rs2445260	C	0.0335
rs2947028	C	-0.0372
rs2755167	C	0.1378
rs7950518	A	-0.0577
rs116913465	G	0.2093
rs61891299	A	-0.0823
rs9888256	T	-0.0391
rs4643052	C	0.0394
rs1892786	G	-0.1586
rs473926	C	-0.0381
rs10839797	G	0.0323
rs56107336	T	0.153
rs117843474	T	-0.2675
rs748302	G	-0.0402
rs201834	A	-0.0405
rs515200	T	-0.0316
rs77251009	T	-0.169
rs142331786	T	-0.1364
rs11827785	G	0.0402
rs11602047	C	0.0339
rs4362145	G	-0.0354
rs12804300	G	0.0342
rs117701937	A	0.1446
rs111673037	T	0.1806
rs12223045	T	-0.0466
rs78595522	G	-0.0946
rs73484234	T	-0.0432
rs12805953	A	0.255
rs7947793	C	0.0324
rs12417424	T	-0.0412
rs141504439	T	-0.1687

rs10899037	T	0.0468
rs1791808	T	-0.0378
rs2851459	A	-0.0354
rs2226604	A	0.0458
rs487518	A	-0.0333
rs118016786	A	-0.1132
rs34701876	G	-0.2392
rs11544764	T	-0.0546
rs112100048	G	-0.1762
rs2165832	G	-0.0316
rs141498689	A	0.138
rs11037191	G	-0.106
rs112513477	T	-0.1584
rs77482583	A	0.113
rs2114294	T	0.0327
rs11236867	T	-0.0474
rs12222135	C	0.0826
rs117094876	A	-0.1391
rs75705076	A	0.0565
rs61880372	T	-0.1881
rs147974033	C	0.1784
rs77583616	A	-0.1091
rs78831598	C	-0.0941
rs80351178	T	-0.0615
rs1978694	A	-0.0583
rs111840366	A	-0.2227
rs614944	C	0.1175
rs11223884	A	0.0785
rs685929	C	-0.0572
rs1060574	T	-0.0352
rs78556369	A	0.1017
rs12279814	C	-0.0965
rs1791577	T	0.0472
rs4936103	T	-0.0432
rs76060406	C	0.0597
rs76273814	T	-0.0985
rs3847644	G	-0.0382
rs643950	A	0.042
rs12288455	A	-0.0461
rs10767960	A	0.1027
rs78786364	A	-0.189
rs74715785	C	0.1115
rs11824870	T	-0.1114
rs4910006	T	-0.0641
rs11602911	C	0.0561
rs10896026	T	-0.0322
rs61880763	G	0.1739

rs4396271	C	0.0539
rs73042847	A	-0.1555
rs77667863	A	0.1598
rs17304039	G	-0.0463
rs75894532	T	0.1461
rs56131605	A	-0.0326
rs10894115	G	0.0361
rs7480849	T	-0.0445
rs79376278	T	0.0625
rs58767122	C	-0.2164
rs72931444	G	-0.0706
rs1986981	A	-0.0747
rs41523645	A	0.1134
rs77490132	T	0.0913
rs12365419	A	0.1567
rs10833142	C	0.1272
rs2734495	C	0.0449
rs111348735	A	0.1453
rs143312104	T	-0.1095
rs148622342	T	-0.0819
rs2852825	C	0.0381
rs117717442	C	-0.1146
rs10902359	C	0.0889
rs1511518	G	0.0318
rs148940705	A	-0.1641
rs10893088	C	0.0308
rs112652381	G	-0.1864
rs10832694	T	0.0316
rs79412404	A	-0.0894
rs149432547	C	-0.1582
rs4457780	T	-0.0318
rs1944505	A	0.0358
rs7130896	T	0.0378
rs75948396	G	-0.1584
rs11500075	A	0.0725
rs77826655	T	-0.1839
rs11028019	C	-0.0605
rs4617579	G	-0.0567
rs72858249	A	0.1601
rs17331385	G	0.0382
rs75533080	A	0.0657
rs115448493	T	0.1457
rs7129336	G	0.0316
rs113500486	C	-0.0563
rs73035840	G	-0.0685
rs56361714	G	0.0542
rs12797182	T	-0.1844

rs10899422	A	0.045
rs117091772	A	0.1617
rs12223885	T	-0.0555
rs2087216	C	-0.0415
rs72999328	T	-0.0579
rs112213410	C	0.1915
rs35781267	C	-0.06
rs111795511	A	0.071
rs7948547	A	0.0404
rs117628555	T	0.1001
rs117431642	T	-0.1652
rs7929818	G	0.1174
rs116900370	A	0.1598
rs77502674	A	-0.1887
rs74557470	G	0.0491
rs55755774	A	0.0554
rs141779583	C	0.1977
rs7484216	T	0.0318
rs56082516	T	0.0815
rs75511387	T	0.1437
rs12284795	G	-0.0423
rs9888274	G	0.0358
rs74891809	C	-0.1596
rs2186676	G	-0.0489
rs11606292	A	-0.0879
rs117154452	T	0.2368
rs144573364	C	0.172
rs11211898	G	0.0661
rs613677	G	-0.2251
rs7123684	A	0.0382
rs36103144	T	-0.133
rs2716448	G	-0.033
rs12289503	T	-0.0861
rs113489666	C	-0.1289
rs11213040	G	-0.1079
rs4753809	C	-0.1526
rs143557119	A	0.1596
rs146768862	T	0.1723
rs117440454	T	0.0632
rs75506411	T	0.1229
rs147160256	A	0.1501
rs35422754	A	0.0508
rs72854318	T	-0.1599
rs117404822	A	0.1095
rs1450219	T	-0.0513
rs16929108	A	0.1316
rs4522157	A	-0.0974

rs117165313	A	0.1765
rs11237298	A	-0.0509
rs78966764	A	-0.0773
rs4144290	A	0.0497
rs12797344	T	0.1858
rs2156215	T	0.1132
rs648996	T	-0.0303
rs117227263	T	-0.134
rs12787013	G	0.0468
rs78815280	G	-0.0802
rs147428777	C	-0.1475
rs400869	G	0.0399
rs11024707	G	0.1029
rs12273597	T	-0.1173
rs7116826	G	0.0522
rs2509150	T	-0.0403
rs590616	A	0.0332
rs75053483	G	0.0887
rs117620136	T	-0.16
rs4539314	T	-0.0333
rs113896223	A	0.2325
rs117207645	C	-0.2385
rs3943756	T	-0.0424
rs6590292	A	0.0327
rs7112009	C	-0.036
rs78921712	T	-0.1453
rs56688852	C	-0.1373
rs10894430	C	0.0327
rs61905163	C	-0.0775
rs11025196	G	0.1189
rs61880782	T	0.1267
rs1883959	C	-0.0445
rs512500	T	0.042
rs1793069	C	0.0396
rs76419623	C	0.1136
rs117640012	C	0.1413
rs79273268	A	-0.1389
rs11236101	T	0.0553
rs117905867	C	-0.1355
rs72979481	C	0.1425
rs964882	A	-0.0308
rs112054985	C	-0.113
rs6578582	T	-0.0388
rs17753400	A	-0.2146
rs12576214	C	-0.0687
rs486487	C	0.0778
rs117858826	T	-0.1211

rs61741824	C	0.0946
rs146971999	G	0.1851
rs76328593	T	0.1974
rs10769917	C	0.0363
rs148212965	G	0.1093
rs113664380	T	0.1433
rs140193559	A	-0.1749
rs73414650	G	-0.2029
rs1914471	A	-0.0318
rs76370378	C	0.0567
rs61884004	G	0.1178
rs139297377	T	0.0879
rs7129103	G	-0.031
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rs12363523	A	0.1039
rs7112389	C	0.0393
rs7131376	C	0.032
rs12802202	C	0.1459
rs76390258	C	-0.1772
rs11038704	T	0.0376
rs567105	T	-0.0318
rs12294689	C	0.0506
rs681416	G	0.0461
rs3136520	T	0.1074
rs582179	G	0.0383
rs56030503	G	-0.0556
rs10502220	C	-0.0419
rs17151053	A	0.1414
rs76129894	G	0.1685
rs7936364	C	-0.0401
rs12420116	C	0.0534
rs490592	A	-0.0378
rs61883501	C	0.1432
rs11222862	C	0.0402
rs1557455	G	-0.1346
rs11822514	C	0.0332
rs79889619	A	0.1728
rs78561297	A	0.137
rs12366193	A	-0.0529
rs2930196	A	0.0377
rs139100355	A	0.1814
rs11223982	A	0.1892
rs2511878	T	0.0459
rs1504731	C	-0.0345
rs61909515	G	0.066
rs11601230	T	-0.0419

rs11217364	A	0.0308
rs77576737	A	0.0532
rs57910561	A	0.0404
rs117055341	C	0.1369
rs11218856	C	0.032
rs10834449	G	0.0328
rs75165685	A	0.1127
rs12573957	T	0.0604
rs3847597	C	-0.0764
rs149013018	C	0.1334
rs4617597	G	0.1399
rs34975053	C	0.1035
rs1372263	G	0.031
rs72963610	C	0.1134
rs34979869	G	0.1792
rs11036545	G	0.1129
rs77051819	A	-0.0521
rs112556389	A	-0.1382
rs11827962	T	0.1581
rs7926517	A	-0.0358
rs74418850	G	0.1319
rs548363	C	-0.0906
rs60116463	G	-0.0696
rs543583	A	-0.0972
rs142268066	T	0.2016
rs11603929	T	0.1199
rs3814738	T	0.0421
rs12808107	G	0.0304
rs79763367	C	0.1604
rs61733868	C	0.0811
rs12791414	A	-0.0316
rs117653194	G	-0.0969
rs77797324	G	-0.2186
rs117948525	T	0.2088
rs16926815	G	0.0942
rs117322495	G	-0.1171
rs646371	G	0.0366
rs11607707	A	0.0349
rs11038225	A	-0.0608
rs11218551	G	-0.0403
rs73041448	G	0.0447
rs4753251	T	0.0571
rs117569786	C	-0.1837
rs149982375	A	0.1783
rs7102329	C	0.0477
rs2707089	A	0.0337
rs12418185	C	0.1885

rs12365989	T	0.0396
rs59849361	G	0.0428
rs79381885	A	0.0404
rs2708521	A	-0.1909
rs10836140	A	-0.0333
rs11020466	C	0.0484
rs143976631	T	-0.0994
rs141576245	A	0.1796
rs4936273	A	0.0972
rs514933	C	0.0316
rs117884995	A	0.136
rs10836210	T	0.0516
rs2276118	C	0.0313
rs147931330	T	-0.1774
rs75887360	C	0.1233
rs614918	T	0.0305
rs72921963	T	-0.1148
rs12421893	T	-0.0316
rs61903688	A	0.0723
rs10839748	A	-0.0548
rs11036657	T	0.0363
rs75492444	A	0.0616
rs3912583	A	0.0613
rs10837129	T	-0.0313
rs117287718	T	-0.1238
rs4245117	C	0.0454
rs7939722	C	-0.0301
rs850291	T	-0.0333
rs4939493	C	0.0462
rs10160745	A	-0.0611
rs17442145	G	0.2657
rs75750482	A	-0.1277
rs146230019	C	0.1497
rs2716442	C	0.0362
rs11215032	G	0.0542
rs77138418	A	-0.085
rs2033359	C	-0.0477
rs11021958	T	0.0335
rs142813591	G	0.1614
rs7925754	G	0.2043
rs17140551	C	-0.1318
rs76160025	T	0.1121
rs626260	A	0.0754
rs78341417	C	0.0686
rs7934690	A	-0.0428
rs61747468	A	-0.2295
rs656802	G	-0.0659

rs1275095	C	0.0311
rs117323348	G	-0.1571
rs11822189	T	0.108
rs1903455	T	0.0398
rs76865126	A	0.0778
rs11021850	A	0.0439
rs56291869	T	-0.0538
rs76686454	A	-0.1012
rs117820112	G	0.1638
rs473075	A	0.032
rs142631800	A	-0.2512
rs2049048	A	0.07
rs117809167	A	0.1231
rs1286672	T	-0.0398
rs17654212	T	0.0911
rs144076763	T	-0.1494
rs138367740	A	-0.1979
rs1000331	T	-0.0307
rs10891856	C	0.0723
rs11826800	C	-0.033
rs609665	C	0.0318
rs12796977	A	0.0701
rs74678563	G	-0.0752
rs1943527	T	0.1242
rs4332489	C	0.0396
rs11232859	A	0.106
rs7129139	G	0.0457
rs7114655	A	0.043
rs140350151	T	-0.1487
rs139926594	G	-0.1395
rs75199214	A	0.0623
rs74795115	T	0.1278
rs4758417	G	-0.0612
rs72844729	T	-0.1222
rs642245	A	0.0368
rs146480276	G	0.1075
rs1466427	A	-0.0379
rs75670607	T	0.1771
rs35470292	C	-0.1721
rs12576571	T	-0.0573
rs7129173	A	0.055
rs75518689	A	0.2507
rs7951634	T	-0.0317
rs665153	A	0.0354
rs56255524	A	0.1682
rs3133879	G	-0.0343
rs7942264	G	-0.1359

rs2218993	A	-0.0463
rs78719386	T	-0.0996
rs117581002	T	-0.1333
rs4937387	C	-0.0392
rs7932490	A	-0.0349
rs10836903	G	-0.0384
rs117198981	A	0.1226
rs147394337	G	0.172
rs11236134	T	0.0546
rs112964269	T	-0.1527
rs12807115	C	-0.0384
rs11022379	T	-0.0913
rs117391362	A	-0.0797
rs3923727	C	-0.0593
rs74982540	T	-0.1712
rs117084576	A	0.0802
rs6485087	A	-0.1065
rs11036184	G	0.0412
rs76082526	T	-0.0558
rs76885880	T	0.1576
rs1569058	C	0.0438
rs10898057	C	0.0856
rs10836454	C	-0.032
rs117681098	A	-0.1488
rs117779867	C	0.2267
rs145232818	T	0.1203
rs7929357	G	0.0382
rs11222491	C	-0.0348
rs10833978	G	-0.0295
rs1364778	A	0.1064
rs2215086	T	0.0464
rs79307500	A	-0.1786
rs149920911	T	0.1337
rs10840019	G	0.0587
rs7117305	C	0.1572
rs11213624	A	0.0735
rs360726	T	-0.0402
rs11605293	T	0.0561
rs1944883	C	0.0685
rs11220277	G	-0.0355
rs78274129	C	0.0766
rs139068590	T	0.1105
rs71480075	A	0.0966
rs2846127	T	0.0399
rs76980151	C	0.0864
rs10765547	T	0.0406
rs78233951	C	0.1532

rs11043095	T	0.14
rs80133609	G	-0.2412
rs11027825	G	0.0303
rs117178685	C	0.1349
rs1450796	A	0.032
rs12272393	C	0.0356
rs1783180	T	-0.0631
rs11222953	A	0.06
rs142025623	A	0.1034
rs76175234	C	0.0764
rs61882182	C	0.1123
rs689327	G	-0.0342
rs145192053	C	-0.1623
rs2237886	T	-0.0523
rs1940201	G	0.0318
rs117868083	G	0.1811
rs1939896	A	-0.0329
rs4237635	A	0.0337
rs3781812	A	0.0493
rs35109315	C	0.0406
rs10831010	C	0.0302
rs1954850	C	0.0357
rs3802881	T	-0.0559
rs72905558	T	-0.0818
rs12578065	A	-0.065
rs75708898	G	0.1745
rs75954793	T	-0.1586
rs7948351	T	-0.0433
rs148934291	A	0.1338
rs7933681	A	0.0506
rs79618016	C	0.0454
rs139152657	T	0.2228
rs1152618	C	-0.0868
rs7949690	A	-0.0649
rs78995751	A	-0.156
rs66755234	T	0.0577
rs117700905	T	0.2065
rs2201256	C	-0.0401
rs61870279	C	-0.0571
rs146448143	C	-0.1066
rs2875238	T	0.036
rs1478762	A	-0.0312
rs2212484	T	0.0405
rs17369889	G	0.0361
rs75932613	A	-0.1986
rs11825323	C	0.1269
rs4758479	A	0.0313

rs79613062	T	-0.2052
rs7102652	A	-0.0718
rs72880538	G	-0.1348
rs55713687	A	0.1102
rs146701213	G	0.1476
rs12365005	C	-0.1156
rs7942751	C	0.0504
rs1945441	G	0.0305
rs10838551	A	0.1071
rs17310989	C	-0.1765
rs118170613	A	-0.129
rs12273435	A	0.1381
rs34987475	T	0.1289
rs79325083	A	-0.0616
rs146773918	A	0.1345
rs57953465	G	-0.0406
rs17464087	G	0.0364
rs4930640	A	0.0351
rs61879614	C	0.1167
rs142093129	C	-0.0577
rs17134306	C	0.0796
rs2512159	G	-0.0321
rs149199900	T	0.1097
rs117634028	T	0.1886
rs117837024	T	0.1601
rs80151746	A	-0.137
rs2155438	A	0.1044
rs10894690	C	-0.093
rs1072899	A	0.0309
rs4945143	A	0.0297
rs117027355	T	0.1191
rs143831131	T	-0.1344
rs1553733	G	-0.0316
rs78348325	G	0.0911
rs75003208	G	-0.2006
rs140698574	C	-0.1094
rs11820191	G	-0.0343
rs7933222	A	0.0377
rs72963410	C	0.0988
rs12276614	A	0.0387
rs11222532	T	-0.0464
rs7927237	C	-0.0312
rs75531513	G	-0.1226
rs12792514	A	0.056
rs7925089	T	0.0311
rs10893131	T	-0.0364
rs145665288	A	-0.0743

rs33981325	T	0.2299
rs117115447	G	0.219
rs11218131	A	-0.0565
rs1950031	G	0.031
rs7117734	G	-0.0464
rs78076698	T	-0.1343
rs112869667	G	0.1305
rs10792692	T	0.0405
rs11823904	T	-0.0357
rs665440	C	-0.0776
rs2508938	C	0.0464
rs12224823	A	0.0659
rs11221012	T	0.045
rs7939975	C	-0.0291
rs147411470	G	-0.1641
rs1793788	T	0.0513
rs11212686	T	0.1425
rs112226053	T	-0.0422
rs2927201	A	0.0725
rs17212187	T	0.0445
rs1938901	A	0.0319
rs117289555	G	-0.0812
rs61123830	A	-0.0333
rs1549717	T	-0.0437
rs79143472	A	-0.1627
rs117483097	T	-0.1196
rs4755797	G	-0.0328
rs1940176	A	0.0304
rs11603533	G	-0.1278
rs72847597	G	-0.1404
rs77074180	T	-0.1833
rs11235666	C	0.0321
rs7114583	T	-0.0493
rs4930080	C	-0.0718
rs677301	G	0.0327
rs148325483	T	-0.2143
rs118135768	C	-0.1928
rs75781807	G	-0.1414
rs72966178	T	-0.1723
rs4937776	T	0.041
rs35441233	G	0.1828
rs148254708	T	0.203
rs608777	A	0.0407
rs10837492	G	0.0358
rs116057214	G	-0.0603
rs12802610	A	0.0787
rs72986952	T	0.0703

rs17571251	C	-0.0654
rs75443769	A	-0.1358
rs12365545	G	-0.0293
rs2604233	C	0.0351
rs10890845	G	0.0395
rs613011	T	0.0301
rs10832889	A	-0.0298
rs34987309	C	-0.1229
rs1298747	T	0.1114
rs755071	A	0.0416
rs139325359	C	-0.1363
rs11037965	T	-0.0818
rs10430935	T	0.0335
rs17613646	A	-0.0634
rs61889101	A	-0.054
rs11222627	A	0.0727
rs11028434	A	0.0426
rs143709442	T	0.2824
rs145520369	T	0.0892
rs55664471	G	0.0544
rs4755351	G	-0.0405
rs539460	C	0.1032
rs73006540	G	-0.1216
rs11218792	A	0.0398
rs28693674	T	0.0335
rs117364223	A	-0.1586
rs35092360	T	0.0321
rs73403046	A	-0.0831
rs80058873	T	-0.1179
rs117090941	A	0.1766
rs117245870	A	-0.1903
rs10897796	T	0.0307
rs71474104	G	0.0537
rs143301447	C	-0.1312
rs73016277	A	-0.074
rs35552108	C	0.0542
rs80317637	G	-0.0902
rs147999993	A	0.0861
rs72903767	A	-0.0454
rs1514604	C	0.0382
rs1702614	A	-0.0395
rs554180	T	-0.0567
rs704697	T	0.0304
rs143269810	A	-0.2433
rs59224329	T	0.0776
rs117161549	T	0.146
rs11043075	G	0.0316

rs7129430	G	0.0294
rs7481262	G	0.0316
rs1256901	T	0.0394
rs116783327	C	0.0808
rs10769941	G	-0.0326
rs11022378	C	-0.0299
rs141550268	T	-0.1514
rs11213594	T	-0.1186
rs892685	A	0.0289
rs147075262	C	0.1523
rs2277280	T	-0.0383
rs7949449	T	-0.065
rs479219	C	0.1318
rs112863958	T	0.0615
rs11223177	T	-0.0419
rs10831742	G	0.0399
rs7114322	G	0.0883
rs669244	A	0.045
rs77793149	C	0.2124
rs58356578	G	-0.1855
rs10897764	G	0.031
rs60181140	T	0.0438
rs12295181	T	-0.067
rs10835182	A	-0.0367
rs117377192	T	-0.1289
rs12796753	T	0.1162
rs143332421	A	0.2007
rs10832568	A	-0.0474
rs736973	G	-0.0305
rs12365420	G	-0.0318
rs80242268	A	-0.1288
rs10831576	C	-0.0433
rs11041291	T	0.0994
rs12793229	T	-0.0888
rs77055883	T	0.0805
rs1455967	G	0.0464
rs7951755	C	0.0342
rs1584818	A	-0.0325
rs16921125	T	-0.0525
rs75958295	C	-0.0891
rs6590746	C	0.0351
rs76387443	G	0.1212
rs1629078	A	0.0336
rs565355	T	0.0303
rs72946837	T	0.0709
rs11025310	A	0.0301
rs11512747	C	-0.1086

rs56002871	G	-0.0304
rs72965236	A	-0.2077
rs35503235	G	0.1147
rs17663392	T	0.0881
rs79358741	T	0.0747
rs4531427	C	0.029
rs74528749	T	0.0546
rs34107955	T	0.1084
rs117286036	T	0.16
rs10791292	A	-0.037
rs75655932	T	0.0964
rs77565963	A	0.1143
rs71470865	T	0.1008
rs3903036	T	-0.0358
rs3802821	A	0.0364
rs75646182	T	0.0623
rs10837255	T	0.0388
rs1258852	G	-0.045
rs79569670	A	0.2013
rs1792971	G	0.0561
rs1554802	G	0.031
rs111412772	G	0.0864
rs75700025	C	0.1223
rs12279417	G	0.2357
rs4757115	G	0.0347
rs7928952	A	0.0366
rs143429004	T	0.1958
rs549304	A	0.029
rs56242212	G	0.1578
rs1447514	T	0.0459
rs10769111	G	0.0444
rs72975499	A	-0.0457
rs117879928	T	0.1439
rs1846443	C	0.0738
rs11038662	C	-0.0363
rs78608812	T	0.1424
rs73023597	A	-0.0803
rs117740484	A	-0.12
rs75921479	C	-0.0529
rs72907573	C	-0.0927
rs75562391	C	0.0961
rs113262560	A	-0.0611
rs75185517	T	-0.1906
rs117951799	G	-0.1678
rs7941107	A	-0.042
rs2201799	A	-0.1491
rs58695771	A	0.0687

rs826048	T	0.1242
rs595073	C	-0.0338
rs631668	C	-0.0527
rs72869975	C	-0.1478
rs10896437	C	-0.032
rs11500065	G	0.0313
rs1541884	T	-0.0386
rs443510	G	0.0375
rs117374580	C	-0.0716
rs16929523	C	0.081
rs76187074	G	0.0715
rs12290939	A	0.1801
rs142615934	A	-0.1261
rs3018284	G	0.0335
rs76541361	A	0.0646
rs12785760	G	0.0565
rs77746720	T	-0.0684
rs10160345	G	-0.0519
rs139954282	A	-0.1502
rs35429169	A	-0.0634
rs71478964	A	0.0491
rs10834964	G	-0.0302
rs10750201	C	-0.0492
rs118171251	T	-0.0553
rs17598185	T	-0.2137
rs76333875	A	0.1901
rs35739570	G	0.1568
rs10891049	C	0.0348
rs28562229	C	0.0387
rs58148801	A	0.118
rs73019367	A	0.0859
rs4752767	T	-0.0383
rs17755994	A	0.0767
rs148832730	C	-0.1415
rs7950196	T	0.0313
rs10892919	C	-0.029
rs143634122	T	-0.1417
rs3829241	A	-0.0289
rs12417237	T	-0.0978
rs560320	T	0.0339
rs10834971	A	0.0515
rs117365043	T	0.1096
rs117864380	G	-0.2039
rs7930764	G	0.0378
rs4081796	A	0.0336
rs55883205	G	-0.1193
rs7934933	A	0.0779

rs687042	T	-0.0443
rs1498329	T	-0.057
rs1943760	G	0.03
rs34862746	T	-0.0711
rs12420859	A	0.0643
rs11606633	A	0.0333
rs623674	T	0.0488
rs117443940	C	0.1627
rs11230099	A	-0.0456
rs76340188	C	0.106
rs117726858	T	-0.2155
rs76535928	G	-0.0809
rs72904135	A	-0.2622
rs2957787	C	0.0502
rs484960	A	-0.0318
rs7109045	T	-0.0309
rs12363042	T	-0.11
rs7925431	A	0.1278
rs2851580	T	0.1514
rs116843545	A	0.1698
rs10840294	G	0.0298
rs7926722	C	0.0293
rs11232759	T	-0.0771
rs80044058	C	0.0814
rs72848063	A	0.0655
rs12289793	G	-0.0386
rs61879297	G	0.0954
rs12364674	T	-0.099
rs4243955	T	0.1063
rs11032282	A	0.039
rs12790184	G	0.0357
rs146200874	A	-0.2067
rs4631901	T	0.1752
rs56205477	A	-0.0679
rs139997788	T	-0.1309
rs146044787	G	0.1714
rs111226913	A	0.1575
rs4755051	A	-0.0293
rs79804264	C	-0.0866
rs112737842	A	-0.1407
rs1401786	C	0.0294
rs71474962	A	0.0709
rs118049895	T	-0.1494
rs112574213	C	-0.0969
rs11217499	T	-0.1105
rs117063624	T	0.1332
rs138050656	A	0.0874

rs4430519	T	-0.0646
rs141191886	A	-0.1448
rs11223920	T	0.0637
rs77486197	T	0.1156
rs11224842	C	0.0283
rs61896694	G	0.0489
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rs10768497	A	-0.0363
rs4341551	T	0.1135
rs7944164	G	0.0384
rs4597069	T	0.0366
rs10768058	A	0.0787
rs61880063	C	-0.1478
rs35095598	A	0.0995
rs11231999	A	0.0834
rs150955276	T	-0.1529
rs112072036	G	0.1013
rs1259022	A	0.0364
rs11215680	T	0.148
rs2126410	T	-0.0348
rs144842073	A	-0.1442
rs118180268	C	0.2126
rs73028800	C	-0.0793
rs11223971	C	0.0456
rs75732673	T	-0.1776
rs35397222	T	-0.0813
rs12808896	C	-0.1597
rs75084595	A	0.1323
rs74705247	G	0.0899
rs111529285	T	0.0776
rs117215234	G	0.145
rs1372796	A	0.048
rs349074	A	0.0425
rs76660343	G	0.061
rs11019168	G	0.0788
rs78780504	A	-0.1646
rs10831614	G	0.0413
rs4963412	G	-0.0319
rs117438584	A	0.1029
rs11031691	A	-0.0425
rs3731424	T	-0.0723
rs35398780	T	-0.037
rs61882860	G	-0.0853
rs7103369	A	0.0764
rs147586132	G	0.1088
rs7114071	T	-0.1454
rs117543902	T	0.2148

rs72880058	A	0.0598
rs72639163	T	0.0422
rs9919664	G	0.0355
rs473756	T	-0.0289
rs76291200	C	0.1577
rs12275920	A	0.0579
rs139969550	T	0.1389
rs2611151	T	-0.0758
rs12801109	T	-0.0639
rs4936713	C	0.0506
rs11499727	T	-0.0607
rs117704564	G	-0.1639
rs10892946	G	-0.0291
rs17220187	A	-0.0526
rs3819192	A	0.0639
rs75613105	G	-0.0962
rs4939452	T	0.0405
rs560165	G	0.0448
rs148932521	G	0.117
rs7932571	A	0.0481
rs4938280	C	0.034
rs2508967	T	-0.0331
rs11028539	A	-0.0324
rs10898225	T	0.0406
rs61870427	G	0.0608
rs148722907	T	0.0919
rs895924	T	0.0316
rs73007983	A	0.0531
rs149446897	G	-0.1719
rs2171333	T	0.0404
rs329635	A	-0.0467
rs147806630	G	0.1886
rs271046	T	0.0496
rs80124992	A	0.1654
rs76794482	G	0.2283
rs72991210	T	-0.0527
rs10736631	A	-0.0318
rs1441325	G	-0.0674
rs2056622	T	-0.0301
rs74384545	C	0.0994
rs11218057	A	-0.0307
rs118050485	A	-0.1148
rs7104819	G	0.0293
rs138907496	A	0.1505
rs55998333	T	0.2302
rs79004974	C	0.1084
rs118114919	C	0.1297

rs7106797	C	0.0323
rs12803464	T	-0.0335
rs7113281	G	-0.0952
rs11041734	G	-0.0339
rs565889	G	0.0333
rs72941172	C	0.0347
rs12363968	T	-0.0523
rs11217895	C	-0.0394
rs117926221	T	-0.0723
rs117189917	A	-0.1459
rs1783996	T	-0.0523
rs117435805	A	0.0791
rs1647960	G	0.0411
rs4151056	T	0.0661
rs55816411	T	-0.0503
rs79874710	T	0.125
rs2851121	T	-0.1031
rs78686784	G	0.0961
rs1963451	G	0.0279
rs4438033	A	0.0303
rs60127407	C	0.0481
rs1124492	A	0.0457
rs75782752	C	-0.1031
rs1453635	T	0.0402
rs118050581	T	-0.1139
rs71477990	G	-0.0988
rs4067330	C	0.0294
rs1027837	T	0.0289
rs148338124	G	-0.0897
rs72965878	A	-0.0687
rs61867022	T	0.1316
rs7950274	G	0.0291
rs78831399	G	-0.1017
rs1871031	C	-0.0363
rs2073804	G	0.0736
rs28639773	C	-0.0401
rs72993865	G	0.0514
rs7125367	C	0.038
rs11043058	T	0.0709
rs9666742	C	0.0514
rs55932354	G	0.0846
rs6589706	A	-0.0292
rs73546969	A	0.1796
rs146800649	T	-0.1091
rs580545	A	-0.05
rs74926044	A	0.1923
rs75252095	C	-0.1274

rs72946996	C	0.1067
rs12421236	A	0.1645
rs74408867	C	0.1303
rs10831938	T	-0.0318
rs79287777	T	0.085
rs7947080	T	0.0304
rs113823671	C	0.2691
rs17409711	G	-0.2443
rs112067314	A	-0.076
rs3751076	G	-0.0449
rs117442787	T	0.154
rs1599420	G	0.0535
rs17509913	A	0.0448
rs10831677	G	0.104
rs12577616	T	0.09
rs4938285	C	-0.0291
rs552347	G	0.0556
rs76013355	T	-0.1375
rs61893242	C	-0.116
rs568787	A	0.0808
rs61904673	A	-0.0854
rs9651752	A	-0.0305
rs75883616	A	0.1672
rs17708753	G	-0.1645
rs746168	C	0.0374
rs61893118	G	-0.0977
rs117317401	C	-0.097
rs1938594	A	0.0311
rs574300	G	-0.0462
rs12575490	G	0.1326
rs12575434	G	0.1071
rs1630427	C	-0.0455
rs118001170	C	0.1015
rs75638486	C	-0.1157
rs72939004	C	-0.1493
rs112634307	A	-0.1122
rs78530436	T	0.0793
rs34058270	T	0.0343
rs113136900	T	-0.0386
rs2282512	G	0.0629
rs117914265	A	0.1435
rs118040835	A	0.1168
rs77968726	C	-0.1761
rs12419430	T	-0.0286
rs12226528	G	0.0362
rs140145986	T	-0.0837
rs117034524	A	0.1162

rs12795466	T	-0.051
rs74342639	C	0.0916
rs11029787	C	0.1271
rs2044857	A	-0.0309
rs75894763	A	-0.1004
rs6589423	C	0.0419
rs7114221	C	0.032
rs6483169	C	-0.0307
rs7110392	T	0.0361
rs1267475	G	-0.0354
rs151175886	T	-0.1187
rs11234429	A	-0.0274
rs10897605	A	0.0478
rs4584599	T	-0.0599
rs112314727	A	-0.1079
rs7945698	T	0.1756
rs2186780	T	0.0358
rs10791014	T	-0.0276
rs6485186	T	-0.0731
rs72906181	A	0.1299
rs1916053	A	-0.0281
rs117044466	T	0.2185
rs151256771	G	0.2491
rs79337308	G	0.0767
rs74514855	A	0.0951
rs76124529	G	-0.1152
rs117392808	A	0.1375
rs149226678	G	-0.1253
rs4454703	T	0.2109
rs7930311	G	-0.0323
rs75569662	G	0.0663
rs72875147	G	0.0669
rs524936	A	-0.0462
rs11228594	A	-0.0313
rs10749919	A	0.0436
rs148410317	C	0.1852
rs314749	T	-0.1536
rs35290444	T	0.2382
rs559161	A	0.0338
rs4237787	A	-0.0364
rs583647	A	0.0294
rs76975342	A	0.135
rs16927500	A	0.0962
rs7116312	G	-0.0309
rs74967566	A	-0.1006
rs11018609	C	-0.036
rs12362787	T	0.0301

rs117075912	T	-0.1372
rs970719	T	0.0292
rs11217975	A	-0.0609
rs230657	T	-0.0281
rs112519205	G	0.0816
rs10830979	C	-0.0333
rs11021613	G	0.0273
rs117187370	G	-0.1553
rs76902697	T	0.1275
rs142126587	A	0.1816
rs12292154	C	0.0371
rs35309700	G	0.0368
rs1376000	C	0.0313
rs113087339	A	-0.2175
rs61880629	T	0.0498
rs117714030	G	-0.2149
rs12271271	A	-0.0368
rs7117488	A	0.0541
rs117447028	A	-0.1285
rs73007340	C	-0.0725
rs508286	G	-0.0451
rs7116934	G	0.0541
rs10212	C	0.0349
rs34745492	T	-0.0396
rs61016795	A	-0.0966
rs3107618	T	0.0814
rs112382894	A	-0.0981
rs7120810	T	0.0732
rs10895476	G	0.0359
rs11825616	G	0.1125
rs1148109	C	-0.0312
rs79332637	G	0.2434
rs12418628	A	-0.1559
rs71465577	G	0.0581
rs75666890	T	0.1171
rs146121230	A	-0.1823
rs673163	G	-0.0294
rs61893847	T	-0.0883
rs17840711	A	0.0577
rs4525269	C	0.0389
rs11042864	T	-0.0333
rs72910343	T	0.1241
rs140336854	A	0.1927
rs1403946	A	0.1024
rs12288228	C	-0.1863
rs117669898	A	0.1859
rs117607148	T	-0.1239

rs7128235	G	-0.0558
rs111614411	T	0.0418
rs12285678	C	0.0644
rs77990826	T	0.2675
rs73017443	T	-0.0577
rs116987287	T	-0.1292
rs4757641	G	-0.0296
rs139666137	A	0.2119
rs72479402	T	-0.0365
rs78296539	G	0.1716
rs12421267	G	0.0305
rs10750084	T	0.1564
rs16907774	G	-0.0513
rs76319794	A	-0.0624
rs10765865	A	-0.0657
rs12289462	G	-0.0985
rs112434863	G	-0.0415
rs147294857	A	0.1267
rs78278221	A	-0.1317
rs34151249	T	0.0414
rs78393250	A	0.1902
rs111286889	C	0.0796
rs116874540	A	-0.1582
rs1367306	T	-0.0855
rs16907044	C	0.0746
rs61890442	A	0.1532
rs144151868	A	0.0545
rs2155244	C	0.0446
rs56410393	G	-0.0744
rs117980988	T	-0.1036
rs117431391	A	-0.1281
rs10833435	A	0.0337
rs10896393	C	-0.0302
rs10791606	C	0.0297
rs2673332	A	0.0572
rs12269938	T	0.0303
rs113143623	G	-0.0508
rs10833535	A	0.0289
rs147006862	G	-0.127
rs74638028	A	-0.0532
rs116884776	T	0.135
rs71477311	A	0.2034
rs143058697	A	-0.0326
rs76803977	T	0.1778
rs17811689	G	-0.0712
rs61879966	G	0.1303
rs7106976	T	-0.0399

rs17808953	C	-0.0937
rs12146653	C	0.0416
rs10790069	T	0.0287
rs79986171	A	-0.1575
rs4255525	T	-0.0454
rs1493547	G	-0.0389
rs7945657	G	0.0368
rs147714439	T	0.2205
rs61888883	C	0.0803
rs147392939	G	0.1658
rs80170705	T	0.1039
rs80305020	A	-0.0758
rs11224223	C	-0.0466
rs4910321	T	0.0585
rs79931190	T	0.098
rs7122257	C	-0.0301
rs143190600	T	0.1196
rs61871868	G	0.0918
rs750666	C	-0.0363
rs142797262	G	0.1048
rs117950915	G	0.1869
rs77431554	T	-0.0997
rs263099	T	0.0319
rs142810084	A	0.0731
rs145025732	A	-0.1464
rs61911253	T	-0.0556
rs72969415	C	0.1163
rs11607206	T	-0.0282
rs4755750	A	-0.0279
rs140625238	G	0.1246
rs11215788	T	0.0397
rs143012735	T	0.1202
rs77137984	G	0.1979
rs138526953	A	-0.1482
rs78240273	A	-0.1559
rs55915915	T	0.0635
rs17235281	G	0.1541
rs112508931	C	-0.0551
rs4553401	T	-0.0305
rs113243882	G	0.1754
rs61876729	G	-0.1013
rs150774577	G	-0.2212
rs145659846	C	0.2215
rs11216631	T	-0.0846
rs35920710	G	-0.0522
rs10898838	G	0.0313
rs67947269	T	-0.0535

rs143416017	C	-0.222
rs72887359	G	-0.0844
rs61734430	T	0.1098
rs76036243	T	-0.0872
rs1944153	C	0.0925
rs11232715	T	-0.0497
rs10790950	T	0.0276
rs16920925	C	-0.0505
rs2037195	C	0.159
rs10836520	G	0.029
rs1939106	T	-0.0323
rs114905149	T	-0.065
rs80283068	T	0.09
rs112662108	C	0.0889
rs2702632	C	-0.0814
rs117594399	G	0.0937
rs116566321	T	0.0585
rs12364991	T	-0.0601
rs34800392	T	-0.1536
rs117412686	G	-0.1914
rs12271337	G	0.1043
rs11823222	A	0.0706
rs75958224	G	0.0916
rs7109266	A	-0.0426
rs72996698	T	-0.1946
rs1939889	C	0.0444
rs10437740	T	0.0517
rs78607125	T	0.1479
rs145948060	T	-0.2305
rs2729881	C	-0.0291
rs224611	T	-0.0309
rs79054252	A	-0.2068
rs142408311	A	0.1564
rs80219289	A	-0.1581
rs117459646	G	-0.1182
rs35073096	C	0.1195
rs7928273	A	-0.0403
rs10790999	G	-0.0374
rs117261242	C	0.0817
rs7108908	C	-0.0306
rs1839444	C	0.0461
rs11033232	A	-0.062
rs10895324	T	0.0287
rs115708497	T	0.1008
rs143717765	T	0.1971
rs12793923	T	-0.041
rs147773920	C	0.1786

rs144780191	T	-0.2116
rs76386125	C	-0.1202
rs2075861	A	0.0504
rs72968791	T	-0.205
rs6416166	T	-0.029
rs76427769	C	-0.1663
rs10891772	A	0.1408
rs45449596	C	-0.0684
rs7481707	C	-0.0335
rs6589531	C	-0.0534
rs11529784	A	-0.0361
rs76419317	A	0.0639
rs117246392	G	0.176
rs117125382	C	0.14
rs11606589	G	-0.0861
rs78301299	T	0.131
rs4930491	G	-0.041
rs140577496	T	-0.1001
rs76555356	A	-0.0783
rs4757365	T	0.0305
rs151301846	A	0.1041
rs12795571	A	0.18
rs72975288	G	0.044
rs55736035	A	-0.1234
rs118116117	G	-0.2484
rs117071345	G	0.1644
rs1791057	T	0.037
rs675915	A	0.141
rs117691691	A	0.248
rs11824078	G	-0.0504
rs78993881	A	0.1024
rs12364279	T	-0.0426
rs58267865	C	-0.0491
rs77917672	T	-0.1141
rs146763251	A	0.1477
rs600206	A	-0.0384
rs73426108	C	-0.0875
rs72953114	T	-0.1102
rs1395906	C	0.056
rs61883897	T	-0.0653
rs2155159	G	-0.1733
rs76892735	G	-0.1162
rs74958863	T	-0.1043
rs7941646	C	-0.0874
rs17148127	C	-0.1086
rs1149595	T	-0.0277
rs1381567	C	0.034

rs80301233	G	0.0761
rs1503931	G	0.0292
rs4910335	C	0.0314
rs117779774	T	0.1071
rs79918287	C	-0.1188
rs117275185	T	0.2017
rs7117263	C	-0.0295
rs72950102	A	0.161
rs7937951	G	0.0366
rs612221	T	-0.049
rs12421016	G	0.0285
rs2512330	T	0.0333
rs143493949	T	0.1586
rs748797	G	0.0503
rs56287660	C	-0.0418
rs11028521	A	-0.0314
rs117645407	A	0.1455
rs2897918	T	-0.0691
rs36234212	T	0.099
rs7481342	A	-0.069
rs1587843	T	0.0365
rs11022633	C	0.0266
rs80259355	A	-0.0488
rs118181304	T	-0.1126
rs7943401	A	-0.0316
rs75974240	G	-0.0683
rs2512514	A	0.0518
rs113375247	A	-0.123
rs75975454	T	-0.0974
rs11037905	G	-0.0672
rs76655861	G	-0.1139
rs7934770	G	0.031
rs75182623	A	-0.1645
rs1267468	A	-0.0318
rs1255529	A	-0.0272
rs4755062	T	-0.0363
rs3867467	C	0.1255
rs145493995	A	0.1376
rs3741252	T	-0.1058
rs4551736	C	0.148
rs12786783	G	-0.0502
rs143191128	G	0.145
rs113295881	A	-0.1663
rs1939992	T	0.0318
rs117222427	T	-0.0701
rs79768346	G	0.1088
rs510960	C	0.0357

rs565420	A	-0.0546
rs117493319	C	0.132
rs146877554	A	-0.1338
rs12223876	A	-0.1069
rs34190626	C	-0.0364
rs55803416	G	0.1469
rs2514466	C	0.0514
rs72946016	C	-0.0774
rs117716341	A	0.1778
rs117483786	C	0.1374
rs7946466	G	-0.0886
rs4910320	T	-0.0316
rs116070386	T	-0.09
rs79573026	C	-0.126
rs138548099	A	-0.1284
rs35534902	T	0.1114
rs616714	T	0.0361
rs141031848	A	-0.1186
rs10894276	A	0.1351
rs80209594	A	0.0879
rs57994965	C	0.0312
rs689196	G	0.0811
rs59991138	C	0.1052
rs57701631	C	-0.0386
rs4320963	C	0.0909
rs1653178	C	0.0274
rs520328	A	-0.038
rs79837617	C	-0.1645
rs59367759	T	0.0564
rs149442126	A	0.1274
rs117993770	C	-0.1554
rs12288735	T	-0.0376
rs11606854	T	0.0358
rs7940215	T	0.0284
rs11553093	G	0.1136
rs1552722	T	0.0287
rs11604500	T	0.12
rs142907977	G	-0.125
rs73013311	G	-0.0395
rs118012056	G	-0.1423
rs11234748	A	0.053
rs6484712	C	0.0299
rs143054575	G	0.1263
rs34566602	A	-0.0296
rs76949435	A	-0.1779
rs72902437	C	-0.1004
rs10839732	A	0.035

rs965912	A	0.033
rs12793346	T	-0.0703
rs77826181	C	0.2398
rs7101516	A	0.0926
rs61656851	G	-0.05
rs55945170	G	0.1075
rs692327	G	0.0273
rs74393839	T	-0.0466
rs10837450	A	-0.0362
rs7125704	C	-0.1176
rs10892974	T	0.0289
rs145842240	A	0.1208
rs11023478	G	0.0623
rs11232165	G	0.0918
rs55694976	T	-0.1227
rs74481413	C	0.1681
rs143870547	A	-0.2178
rs147896578	A	-0.1144
rs506866	T	0.0268
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rs78495148	A	-0.0985
rs75878095	G	0.1383
rs7484126	G	0.0368
rs145889651	A	0.1337
rs4433559	C	0.049
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rs4753791	T	0.0281
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rs117022703	A	-0.1186
rs138530447	T	-0.0811
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rs448419	T	-0.0429
rs11022342	A	0.0557
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rs1983756	G	-0.1279
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rs61440209	G	0.0355
rs79247372	T	-0.1182
rs7114151	T	0.0411
rs7948609	C	0.0305
rs11216919	G	-0.032
rs948979	T	-0.0354

rs113598713	T	0.1519
rs77330421	A	0.1123
rs1938995	G	-0.1556
rs79577680	T	0.0385
rs117685986	C	0.1268
rs112487171	T	0.1209
rs79736391	A	0.2221
rs116948108	G	-0.137
rs139645840	T	0.1115
rs147332062	C	0.0955
rs112164715	T	-0.0822
rs139847730	A	0.1207
rs72973968	C	-0.0336
rs3087611	T	0.1377
rs74810810	T	-0.0908
rs116980388	A	-0.2584
rs11215866	G	-0.0557
rs59762951	A	0.0343
rs61871577	T	0.0755
rs72958255	T	0.1404
rs7930940	A	-0.0424
rs12797453	T	0.1406
rs116901336	T	-0.0573
rs77199649	G	0.1698
rs145658975	A	-0.2189
rs11043104	G	0.1202
rs61904666	C	0.0949
rs12274936	A	-0.0501
rs506028	G	-0.0463
rs11021961	A	-0.0324
rs62637250	T	0.0523
rs149934734	T	-0.11
rs1974527	A	0.0315
rs61603547	G	0.0306
rs151159745	T	0.1231
rs117737048	G	0.0834
rs72903617	T	-0.0644
rs10893496	T	0.095
rs80333316	A	0.112
rs1793833	T	0.0352
rs72934783	T	-0.0332
rs10894669	A	0.0309
rs117233700	T	0.1591
rs74362523	T	-0.1178
rs117709280	C	-0.1718
rs11221072	C	-0.1025
rs7115117	G	0.0485

rs75227293	T	0.0568
rs2514503	A	-0.0323
rs6592424	C	0.0845
rs2785160	C	0.0329
rs489084	A	0.0974
rs3934628	T	0.027
rs76885872	G	0.1937
rs72850206	A	-0.0745
rs55942019	T	0.0274
rs603351	A	0.0317
rs143932134	G	0.1559
rs55889636	G	0.0295
rs12362837	C	-0.0893
rs117051576	C	-0.0634
rs146414450	A	0.1322
rs11213979	A	-0.0293
rs74651273	G	0.1284
rs118140307	C	0.1653
rs142590378	G	-0.1123
rs2236650	A	-0.079
rs655954	T	0.0383
rs72858747	A	0.0604
rs12295761	T	-0.0594
rs114588017	G	-0.1026
rs150019690	A	-0.1476
rs11215148	C	0.1116
rs78715971	A	-0.1758
rs55817324	T	-0.0498
rs61745230	A	0.0913
rs143068832	T	-0.0656
rs7950649	T	-0.0433
rs2902421	A	0.0285
rs79180154	G	-0.097
rs4426128	T	0.0434
rs17632172	T	0.089
rs140976709	A	-0.0725
rs4937771	A	0.0655
rs10840071	A	-0.0945
rs142344330	C	-0.1846
rs117595296	T	0.2008
rs1374574	G	0.0264
rs117279208	G	-0.1017
rs1585760	C	-0.0333
rs77578179	G	0.0708
rs1533614	T	0.0589
rs111545287	A	-0.0905
rs479139	A	0.0289

rs2846071	C	0.0317
rs7126359	G	-0.0376
rs900467	T	-0.0447
rs116974159	A	-0.1136
rs75796067	T	-0.0869
rs79366772	T	0.0896
rs2441689	C	0.0556
rs17119667	C	-0.0567
rs12789212	G	0.027
rs11223955	T	0.0377
rs78275797	T	-0.0933
rs141064730	G	0.0781
rs6591974	G	0.0665
rs72930139	T	0.0915
rs11027873	G	0.0382
rs112150440	A	-0.1112
rs10837600	T	0.0346
rs72927945	G	-0.1156
rs16913594	C	-0.0521
rs10793178	T	-0.031
rs2226638	G	-0.0295
rs11222959	G	0.0645
rs1940114	T	-0.0368
rs2355251	T	-0.0271
rs286907	A	-0.038
rs80234394	A	0.1048
rs12421611	A	0.0334
rs1552417	A	0.0277
rs75352711	C	0.0638
rs61870478	T	-0.036
rs4758542	A	-0.0321
rs11219814	G	-0.0335
rs117740926	T	0.1326
rs61880854	A	0.0965
rs12289690	T	-0.0426
rs216491	T	0.03
rs478002	C	-0.0496
rs11221894	G	0.0778
rs78774289	G	0.1866
rs11604102	T	-0.1967
rs4146883	T	0.0286
rs17578583	G	0.0492
rs115620185	A	0.0825
rs79559298	G	0.0926
rs148546265	T	-0.1633
rs34839793	A	0.1294
rs12793618	A	0.1534

rs12576790	G	0.0384
rs12417141	C	0.0422
rs2511153	C	0.0282
rs12791446	T	0.1273
rs11023850	G	-0.0959
rs36112960	C	-0.1112
rs138898485	G	-0.0678
rs4937896	T	0.0469
rs74984890	G	-0.0559
rs11225533	A	-0.0343
rs11213675	T	-0.0301
rs79342674	G	0.0897
rs12364847	A	0.1087
rs75997066	A	-0.0714
rs12285175	C	-0.0367
rs61895600	T	0.1239
rs17743381	T	-0.0346
rs17139164	C	-0.1337
rs35903991	A	0.1614
rs56101712	T	-0.057
rs7350520	G	-0.0439
rs12791593	T	0.0316
rs113019061	G	-0.1197
rs2682115	A	0.0931
rs1508103	G	0.0651
rs10792892	T	0.0332
rs11217440	G	-0.0271
rs11027449	C	0.0316
rs146617441	T	-0.1866
rs34959832	T	0.1684
rs75185783	C	0.0893
rs184267	A	-0.0273
rs11042982	C	-0.0414
rs11529923	C	-0.0591
rs11222614	T	-0.0311
rs117964074	C	-0.1191
rs11043078	G	-0.0311
rs4451741	T	0.0814
rs2702630	G	-0.0312
rs72849864	G	0.0998
rs77780366	C	-0.0547
rs117615589	A	0.1227
rs7126672	C	0.0321
rs140022617	A	-0.1954
rs12792064	G	0.173
rs77549103	T	-0.091
rs3750944	G	0.0278

rs3018165	T	-0.0271
rs10890907	G	0.0353
rs7130897	C	-0.0373
rs117126314	C	0.1476
rs117105038	G	-0.1125
rs11215963	G	-0.0448
rs28472542	G	-0.0362
rs114056142	T	0.0949
rs10894742	G	0.1674
rs11232912	A	0.0401
rs72854943	C	0.1627
rs12223575	A	0.0266
rs6592664	T	-0.0272
rs329659	T	-0.1221
rs36064854	A	0.0288
rs78011755	C	-0.0551
rs7105238	G	0.0458
rs73029464	G	-0.059
rs7124398	G	0.058
rs56358129	A	-0.0372
rs4414226	T	0.1675
rs145422110	T	0.2338
rs117380220	A	0.114
rs35574500	G	-0.0363
rs2863172	A	0.0372
rs139924137	T	0.1396
rs12283125	A	-0.0323
rs35067061	A	0.0731
rs7105382	T	0.0297
rs550999	G	-0.0292
rs11222043	T	0.0265
rs11236898	A	0.0347
rs2862385	T	-0.0284
rs7114416	A	0.0654
rs76882177	T	-0.083
rs500840	A	-0.0486
rs660410	A	0.0501
rs12293164	T	-0.1343
rs73014296	G	-0.0781
rs72998668	T	-0.0558
rs76410896	C	-0.0994
rs7942997	C	0.0729
rs141663350	C	0.078
rs11214841	A	0.1327
rs4980320	C	0.0271
rs7127818	C	-0.0293
rs117900957	C	-0.225

rs113246686	A	0.1384
rs76454443	C	-0.0985
rs1983257	C	0.0619
rs10430977	T	-0.0318
rs577414	C	0.0418
rs10892539	T	0.0299
rs1198803	G	0.041
rs670875	A	-0.0825
rs77902034	T	-0.0461
rs331539	G	-0.049
rs138500824	C	0.1559
rs12574811	A	0.0421
rs144001962	T	0.0407
rs113027661	C	-0.1334
rs72882584	T	-0.1457
rs60733834	T	0.1051
rs12282537	C	0.0258
rs117949916	G	-0.107
rs3758810	C	-0.0996
rs150943240	A	-0.1384
rs12574791	G	0.0529
rs10765634	T	-0.0269
rs7126380	A	0.1328
rs74661474	A	0.0937
rs1662190	A	-0.0796
rs4616065	C	0.0298
rs1530354	T	-0.027
rs147729624	C	0.1391
rs144341802	T	0.0601
rs77838060	C	-0.1093
rs2306729	T	-0.0455
rs4935894	C	0.0335
rs4310650	T	0.0794
rs11041973	T	-0.0355
rs61901175	T	0.0452
rs7950266	A	0.0597
rs908942	A	-0.0622
rs113833527	G	0.1381
rs1164689	G	-0.0385
rs117155246	T	0.1529
rs534279	G	0.0423
rs113400047	C	0.1179
rs1783582	A	-0.028
rs12808229	G	0.2012
rs72942019	C	0.0855
rs118149958	G	0.1459
rs12271471	G	-0.0368

rs34100087	A	0.173
rs12576334	C	-0.0271
rs59226850	T	0.0533
rs150599115	A	-0.0924
rs11216480	A	-0.0478
rs10894645	T	-0.0303
rs80003483	G	-0.1824
rs12804305	C	0.0474
rs2155251	G	-0.0323
rs73028641	C	0.0802
rs146293659	A	-0.0905
rs73019191	A	-0.048
rs77508989	A	-0.1292
rs591043	C	0.032
rs12575978	A	0.0916
rs7103725	A	-0.0483
rs55865591	T	0.1225
rs34089754	C	-0.0423
rs146637638	A	0.1277
rs72935280	C	-0.1321
rs7130750	C	0.0288
rs75414910	A	-0.0793
rs118105182	A	-0.0729
rs138863569	G	-0.1438
rs7116096	T	-0.0355
rs61889778	A	0.0684
rs58386631	A	0.0656
rs71469652	C	-0.1168
rs10839820	G	0.0295
rs11220502	C	-0.049
rs62001008	C	0.0742
rs116871136	A	-0.1364
rs112352107	A	0.1156
rs76300514	A	0.0892
rs79296452	T	-0.048
rs71475390	T	-0.0936
rs11023994	C	-0.0396
rs11213674	T	0.0634
rs117745700	A	-0.1008
rs10833259	A	0.0333
rs10766635	T	0.0288
rs112282948	C	0.0687
rs55998369	C	-0.0549
rs4945276	G	0.0277
rs77906331	G	0.064
rs490914	T	0.0549
rs4935838	A	0.0533

rs61908678	T	0.0438
rs61880625	C	0.0326
rs77493105	G	-0.1416
rs17573475	C	0.0275
rs676904	A	0.0271
rs12292093	A	0.1018
rs146309680	A	-0.1488
rs2925768	T	0.0317
rs118085659	A	0.1446
rs78677674	A	0.1024
rs117143472	G	0.1588
rs75724740	A	0.1747
rs117780316	A	-0.1031
rs1612859	C	-0.0349
rs2246755	A	0.0605
rs117517252	G	0.1094
rs115687576	G	-0.1129
rs10892818	T	0.0281
rs4756118	G	-0.0337
rs78188316	C	0.0688
rs189680	G	0.0435
rs10750292	C	-0.0258
rs12279152	T	-0.138
rs588322	A	-0.0507
rs79228877	C	-0.1101
rs139060960	A	0.1826
rs75876407	G	-0.0708
rs12363799	T	0.0893
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rs11032995	C	-0.0447
rs11234321	A	-0.08
rs691854	A	0.0606
rs113758502	G	0.1734
rs148387619	C	-0.203
rs61882187	C	-0.0343
rs12792924	A	-0.0997
rs34162168	C	0.0923
rs17800588	G	-0.1155
rs12365864	G	-0.0348
rs77514995	A	-0.0812
rs144466705	A	-0.1066
rs76275158	T	0.0489
rs116861566	C	-0.0969
rs17117217	G	-0.0373
rs117602282	T	-0.18
rs2499958	A	-0.0278
rs10840586	G	-0.0262

rs7936150	C	-0.1023
rs147489334	C	0.0977
rs79040406	A	0.1713
rs143238313	A	0.1434
rs2513535	G	0.0434
rs4757362	T	-0.0312
rs116502747	A	0.1798
rs77310001	T	-0.156
rs61910012	A	0.0993
rs7105077	G	0.0346
rs11218771	C	-0.0273
rs11820465	T	0.0486
rs138661935	C	-0.1222
rs144477558	C	0.055
rs566007	T	0.0308
rs77479321	C	-0.1027
rs12418369	A	-0.0527
rs10892137	T	-0.0268
rs75764622	C	-0.0779
rs35794157	A	-0.0803
rs7930344	T	0.1545
rs3922326	T	-0.1114
rs12799025	A	0.0694
rs657364	A	0.1183
rs6589921	C	-0.0397
rs73398846	C	-0.0567
rs9282688	T	0.1184
rs80223125	T	0.0645
rs11041848	T	-0.0321
rs286869	C	-0.0853
rs74740748	A	-0.0447
rs2726416	A	-0.0353
rs118177380	A	0.2109
rs10839546	T	0.0365
rs4755921	A	-0.0256
rs150327245	A	-0.1661
rs77042198	C	-0.1018
rs75849837	T	-0.1761
rs610104	G	-0.0294
rs117068238	T	0.154
rs11021446	T	0.0427
rs12798693	G	-0.0274
rs17133035	A	0.1155
rs34988806	A	0.056
rs147413777	A	0.1732
rs4614465	A	0.0641
rs1454441	A	-0.0292

rs73433183	A	0.1192
rs3866930	C	-0.026
rs790371	A	0.1609
rs79508907	G	-0.1138
rs17628836	G	0.0491
rs7116681	A	-0.0347
rs58936914	G	0.0564
rs72948137	C	0.0899
rs4963326	A	-0.0385
rs76000784	A	-0.0731
rs72914922	A	-0.119
rs149011512	A	0.1373
rs55794678	T	0.127
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rs117490727	C	-0.157
rs79059416	T	-0.0614
rs1515038	G	-0.0362
rs1123608	T	0.08
rs653206	C	0.1093
rs71486865	G	0.1739
rs116875372	G	0.0544
rs116963285	T	-0.1508
rs73013529	G	-0.1281
rs11228662	A	-0.0254
rs17156618	G	0.0818
rs140737906	A	0.1162
rs138733198	C	0.1991
rs496123	C	-0.0295
rs921202	G	0.0473
rs72844252	T	-0.0462
rs79665688	T	-0.0688
rs117367036	C	0.108
rs4127393	A	0.0265
rs658125	G	0.028
rs73009178	A	0.0544
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rs79440215	T	0.0806
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rs10897521	T	-0.0371
rs11231975	A	-0.0444
rs61906588	T	0.0307
rs76855675	T	-0.1426
rs11022381	T	0.0731
rs117847495	T	-0.0414

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rs11603570	T	-0.0408
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rs2237903	T	0.0264
rs4910348	C	0.0368
rs78105512	T	0.0313
rs117740823	T	0.0838
rs144405764	G	0.1277
rs118075094	C	-0.0587
rs2291120	C	-0.0418
rs7931136	C	-0.0508
rs10897600	T	0.1081
rs7943162	A	0.0614
rs117159008	T	-0.0956
rs12785470	C	0.1292
rs116995241	G	0.1282
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rs73598457	A	0.0877
rs61885985	G	-0.0466
rs17847539	A	-0.0517
rs117825971	A	-0.1865
rs56215256	T	0.2311
rs117025693	A	0.1205
rs7116675	A	-0.0405
rs73625341	A	-0.11
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rs11020681	G	-0.1598
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rs11028585	A	0.1312
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rs4937864	A	0.0446
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rs61907514	G	0.0412
rs7116459	C	-0.0292

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rs113710188	G	0.1169
rs113255079	T	0.1143
rs34685979	T	0.0827
rs2083710	C	0.0467
rs7129935	C	0.0336
rs653617	A	0.0929
rs557566	G	0.1752
rs61905824	T	0.1218
rs12786261	T	-0.0341
rs77274852	C	-0.0825
rs117082061	A	-0.1014
rs28852494	T	0.0429
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rs113358849	A	-0.101
rs611607	C	-0.0257
rs3763890	T	0.1045
rs7941840	A	0.1244
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rs117016392	A	-0.2172
rs1459658	T	0.082
rs2056083	A	0.0473
rs67378754	G	-0.0568
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rs75507001	A	-0.1085
rs147224199	T	0.1123
rs138577970	G	-0.0316
rs4757025	T	-0.0308
rs78588119	A	0.1793
rs36083007	G	0.1108
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rs17129783	A	0.04
rs139132496	C	-0.1246
rs78955046	G	-0.0366
rs1940078	G	0.0521
rs2399673	G	-0.028
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rs117480935	C	-0.141
rs144009148	C	0.1811
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rs11236302	T	0.0357
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rs11235671	T	0.0958
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rs78237782	C	0.0814
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rs1015201	T	-0.0904
rs11021014	A	-0.0504
rs71481808	T	0.0655
rs329684	G	0.0393
rs764750	C	0.0356
rs148165165	T	0.1367
rs72936625	T	0.0665
rs77903186	C	-0.1742
rs74332985	C	-0.1026
rs78102600	T	-0.1161
rs74909674	A	-0.0723
rs11036158	A	0.0772
rs77153989	C	0.1045
rs654240	T	-0.03
rs117474502	C	0.0698
rs117971911	A	0.1336
rs10834029	G	0.0254
rs11021240	C	-0.0337
rs74673622	G	0.08
rs7928382	G	0.0663
rs28469534	T	0.0596
rs2656168	A	-0.0249
rs77882697	T	0.0824
rs2088182	A	-0.067
rs1520912	A	-0.0379

rs11032425	T	-0.0435
rs7108150	A	0.0332
rs2146568	G	0.0407
rs11601116	T	-0.0356
rs79623368	T	-0.0639
rs11236612	G	-0.0471
rs76723073	A	0.1108
rs117821082	T	-0.1358
rs10791164	G	0.0369
rs10741427	C	0.0332
rs58101364	C	0.0429
rs1788958	C	0.1201
rs10894387	G	0.0308
rs10833746	A	0.0269
rs1938984	G	0.0257
rs75013740	G	0.0739
rs78039253	A	-0.0756
rs114366214	A	0.1071
rs146655590	T	-0.1349
rs2102431	A	0.0273
rs61883694	C	-0.0675
rs10765845	A	-0.0249
rs4755258	C	-0.0318
rs7128694	T	0.0304
rs117943137	C	0.1004
rs77873480	A	0.0766
rs41474450	T	-0.0618
rs10750531	G	-0.0269
rs1443116	A	0.0317
rs1792006	G	0.0348
rs4755562	C	0.026
rs77795390	A	0.1026
rs144759295	A	-0.135
rs1790153	C	0.0256
rs59057353	C	-0.0482
rs118084645	C	0.0932
rs10834472	G	-0.0378
rs10765791	T	-0.0277
rs79584280	T	-0.1788
rs1789831	T	0.0522
rs4937508	G	-0.0343
rs1462188	T	-0.158
rs117369982	T	-0.1447
rs2133158	C	-0.0292
rs546611	A	0.0252
rs490435	T	0.056
rs1506876	C	-0.0275

rs138310178	C	-0.1404
rs1706945	G	-0.0497
rs11600726	C	-0.0588
rs1456889	T	-0.0348
rs55674758	A	-0.0867
rs1388465	A	0.0301
rs72866360	A	0.0943
rs3825023	T	-0.0621
rs10836160	T	0.2012
rs146115456	T	-0.0358
rs7127537	G	-0.0547
rs10742704	A	0.0321
rs12275464	A	-0.0329
rs11225377	A	-0.0404
rs7928984	G	0.148
rs2862696	G	0.0459
rs77085918	A	-0.0946
rs10833262	A	0.0553
rs1386249	A	0.0334
rs117341008	A	0.1407
rs669669	C	0.0348
rs78248090	C	-0.0805
rs79802671	G	0.1772
rs17569036	A	-0.0831
rs3781578	A	0.0298
rs78467268	A	-0.121
rs7934320	G	0.1555
rs520176	T	0.0315
rs78745564	G	-0.0978
rs117384784	A	0.0772
rs61880330	G	-0.0991
rs148400810	T	-0.1076
rs3844132	A	0.0327
rs58652566	C	0.1141
rs7480804	T	-0.0476
rs1055581	C	-0.0254
rs7107432	T	-0.0317
rs475771	G	0.0321
rs76957729	A	0.1227
rs649568	A	0.0929
rs78577252	T	0.1063
rs113936837	C	-0.0328
rs10830452	G	0.0258
rs2155344	T	-0.0287
rs6483767	A	-0.0257
rs795235	C	-0.0544
rs2727266	G	-0.0637

rs112219657	T	-0.1724
rs4245037	A	0.0276
rs79298452	T	0.0982
rs117230385	A	0.1081
rs61907767	G	-0.0836
rs144969629	C	0.1145
rs76186327	G	-0.0624
rs7950919	T	-0.081
rs111488822	T	-0.1854
rs930786	T	0.2293
rs78022645	T	0.0859
rs41275166	C	-0.166
rs4255556	A	0.1068
rs12362548	T	0.0879
rs10895486	T	-0.0388
rs1619240	T	-0.0259
rs480859	A	0.0278
rs75970470	G	-0.0505
rs4923429	C	0.0382
rs112724559	A	-0.1234
rs72861990	T	0.2676
rs737503	T	0.0477
rs72899530	G	0.0433
rs12364205	A	0.0247
rs10791428	T	-0.0243
rs2066491	T	0.0691
rs1000960	C	-0.0341
rs56411871	T	-0.0981
rs12575762	G	-0.0634
rs11599977	G	0.0341
rs11022466	A	0.2133
rs11263566	G	-0.1054
rs12795347	A	0.0905
rs7105436	T	0.0315
rs147872439	G	0.1145
rs118051165	C	0.1154
rs113771808	G	-0.0698
rs4399339	A	0.0416
rs7130870	T	-0.0271
rs7118905	T	-0.0452
rs7948458	A	0.0319
rs11225507	C	0.0252
rs76882215	C	0.1218
rs75972697	T	0.1303
rs7105604	C	0.0918
rs4757381	A	0.0247
rs441938	G	0.0307

rs7929059	G	0.026
rs536796	A	-0.1327
rs151174508	T	-0.1435
rs76785871	A	0.047
rs1698149	T	0.0257
rs150403348	A	-0.2016
rs117194848	C	-0.1756
rs76850415	G	-0.0784
rs1445477	T	0.0257
rs495862	C	0.0265
rs79907142	A	0.1089
rs61881863	A	-0.0682
rs79125722	T	0.1627
rs10766536	T	0.0309
rs11602108	A	0.0455
rs112206113	C	-0.1303
rs4272759	G	0.0363
rs56281755	C	-0.0748
rs11225266	C	-0.0431
rs10790835	G	0.0308
rs12361754	C	0.0413
rs11041805	G	-0.032
rs78171315	C	-0.0945
rs10769679	A	0.0455
rs1134429	T	0.0439
rs61506620	G	0.1299
rs2298478	G	-0.0322
rs6483760	A	-0.0443
rs78681013	A	0.0843
rs79908039	A	0.0847
rs10830577	C	0.0424
rs10832824	T	-0.0288
rs116911166	C	0.1174
rs10767576	T	-0.0257
rs1344299	A	0.0312
rs76990690	G	-0.1294
rs58195912	C	-0.0462
rs12797743	G	-0.1224
rs118025682	T	0.2094
rs61740182	A	0.1049
rs12283929	G	0.0309
rs117066950	T	-0.1685
rs1573567	C	-0.0376
rs150480597	A	-0.1271
rs963811	A	0.1208
rs12804253	T	0.0592
rs149922790	T	0.1514

rs17098292	T	0.1353
rs12419156	C	0.0475
rs73573643	G	0.1065
rs873590	T	-0.0301
rs7942362	A	-0.0525
rs7937668	T	-0.0258
rs493263	A	-0.0462
rs12278204	C	-0.0992
rs72933221	C	-0.1368
rs4635093	G	-0.0275
rs117382011	A	0.1304
rs61896562	C	0.1168
rs555373	A	-0.0269
rs113461440	C	0.0698
rs72942791	G	0.0701
rs147685834	C	0.0415
rs1625376	C	-0.0722
rs10750479	C	-0.0355
rs2229007	T	-0.1055
rs7948627	A	0.0251
rs11605836	T	-0.0317
rs4930565	T	-0.0451
rs7935378	C	0.0345
rs1666655	T	-0.0253
rs1462941	T	-0.0442
rs117350740	T	0.0907
rs80199022	T	0.0653
rs4923568	T	0.039
rs145689767	T	0.184
rs112030790	A	-0.1241
rs283289	A	0.0287
rs1161662	C	-0.0402
rs7943590	C	0.0737
rs142284416	T	-0.1274
rs146026283	A	0.068
rs117237814	T	-0.1524
rs75777976	G	0.1168
rs4331089	A	0.0265
rs483148	T	-0.1031
rs3750929	G	-0.0666
rs118005652	G	0.1449
rs117296223	G	-0.1507
rs117371244	A	0.1548
rs12295449	C	0.2063
rs2198264	T	-0.037
rs11223904	G	0.0283
rs35373738	C	0.079

rs1813133	T	0.0629
rs150110934	T	0.0992
rs7931252	A	0.0249
rs72892169	A	0.1199
rs74666402	G	0.1679
rs117350168	T	0.0763
rs117056416	T	0.1385
rs80081646	C	0.1
rs1547486	A	-0.0475
rs524838	A	-0.1296
rs78743709	T	0.1009
rs731639	G	0.0307
rs11225928	G	-0.0486
rs72977522	A	0.0686
rs111685025	G	0.2266
rs77021468	T	0.0733
rs118103248	C	-0.0835
rs2863001	G	0.0507
rs17144547	T	0.0648
rs77024575	T	0.0478
rs11026010	A	0.0444
rs1807217	A	0.0889
rs117317087	C	0.1056
rs71484170	C	-0.0385
rs7927493	T	-0.0443
rs12800249	T	0.0614
rs7122876	C	0.1301
rs78131992	G	0.0747
rs1939102	A	0.0312
rs7117176	T	0.0418
rs75900873	C	-0.0507
rs112089939	T	-0.0929
rs10501933	C	-0.0396
rs7111759	C	0.0701
rs17246486	T	-0.0648
rs11227030	G	-0.0275
rs58400435	C	0.0414
rs2714062	C	-0.0279
rs17358198	T	-0.0436
rs151092418	T	0.1972
rs7119664	A	-0.0317
rs634176	T	0.1004
rs118135216	A	-0.1386
rs7952516	G	-0.0272
rs17601808	A	0.1008
rs11232314	G	0.025
rs77188501	A	0.1036

rs625524	A	0.1287
rs72847668	T	0.0898
rs78407496	T	-0.1139
rs150510351	T	-0.2352
rs11605994	T	-0.0294
rs1038296	C	0.0735
rs75713846	A	-0.1235
rs61875374	T	-0.0923
rs66716358	C	0.0267
rs78979564	C	-0.1445
rs117902993	G	-0.1492
rs61901591	A	0.0843
rs10500734	C	-0.031
rs538255	A	0.0619
rs76159522	T	0.1396
rs113396479	G	0.0927
rs4936810	G	0.0284
rs12223633	G	-0.0725
rs76703504	G	0.0623
rs10835212	C	0.0296
rs12283973	G	0.0883
rs147423409	A	0.1578
rs10895551	T	0.0251
rs2853049	C	-0.0381
rs76370055	T	0.145
rs1870297	A	-0.0353
rs965506	C	-0.024
rs2268607	C	-0.0377
rs76199618	G	-0.0885
rs4556520	C	0.0265
rs116984953	A	0.1108
rs71456320	C	0.1653
rs117017553	T	0.1596
rs76126158	A	-0.1057
rs537503	G	-0.0352
rs73011920	T	0.0474
rs4935767	G	0.053
rs116849673	G	0.0771
rs145143525	G	0.1284
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rs11215017	G	-0.0501
rs78755758	A	-0.0684
rs4450154	A	-0.0357
rs11231813	C	0.1174
rs139904303	G	-0.1922
rs12363459	T	-0.0237
rs11031586	T	0.0344

rs4944937	A	-0.0291
rs12788122	A	0.0602
rs2595435	G	-0.0261
rs10219157	T	0.0475
rs4980707	T	0.0334
rs116886256	A	-0.1049
rs12295834	A	0.0363
rs766498	T	0.073
rs10766694	C	-0.0302
rs138799224	G	-0.1673
rs116903274	A	0.1555
rs117558199	C	0.1485
rs11603912	A	0.0836
rs59772430	G	-0.1724
rs76252006	T	-0.0812
rs10835589	T	-0.1748
rs75875777	T	0.1094
rs11218292	A	-0.0357
rs11026691	A	0.058
rs59716761	A	-0.0436
rs11601022	C	-0.0458
rs4909947	G	0.0242
rs149664898	A	-0.1238
rs117225048	A	0.0726
rs117455952	G	-0.1144
rs7107142	T	-0.0799
rs450244	T	0.0439
rs2237967	T	-0.0263
rs56117769	A	0.0615
rs117212887	T	0.1792
rs6485380	A	-0.0256
rs11237348	C	-0.026
rs45470105	T	-0.1411
rs10833243	C	0.0352
rs58815028	A	0.0277
rs11236843	G	-0.0406
rs56785227	C	0.0308
rs1493206	A	-0.0848
rs72869784	A	0.1481
rs10898318	A	0.0275
rs148080250	C	0.2058
rs118093081	T	-0.1928
rs116915405	T	-0.0616
rs113965842	T	0.061
rs9737546	C	-0.0338
rs11031647	G	0.0586
rs147833206	G	0.0949

rs11223337	A	0.045
rs60365069	T	-0.0647
rs113870133	T	-0.1055
rs1685326	C	0.0241
rs260842	T	0.0305
rs11213921	T	0.0365
rs11038330	G	0.0427
rs562336	A	0.0238
rs11019145	G	0.1175
rs7952167	G	-0.0576
rs12225273	C	-0.0272
rs11215874	G	0.0321
rs56149696	T	0.1193
rs11032600	T	0.0444
rs34172399	C	-0.0294
rs67296539	T	-0.0839
rs75793092	A	0.0977
rs55701929	C	0.1528
rs143961633	G	-0.1146
rs4937794	T	0.0621
rs10839541	T	-0.0691
rs117384293	G	-0.0779
rs59850584	C	0.037
rs61879641	G	0.0507
rs6485459	G	-0.0263
rs10838364	G	-0.0286
rs1938821	T	0.0265
rs2742498	C	-0.0749
rs2716470	A	-0.061
rs116951063	T	0.2155
rs75981704	G	0.0651
rs4945026	C	0.0267
rs72911069	G	-0.0703
rs7949586	C	0.0273
rs35235453	G	-0.1142
rs72988865	T	-0.0726
rs76685057	T	-0.0987
rs7928614	G	-0.1547
rs12293167	T	0.0245
rs148976187	C	-0.1429
rs11605021	T	-0.1507
rs117900366	T	0.1014
rs59531838	A	0.0454
rs2034030	T	0.0413
rs77084903	A	-0.0971
rs117011579	A	0.1447
rs7123971	G	-0.1145

rs78764020	A	0.0672
rs117717630	A	-0.154
rs141352236	T	0.1256
rs1277640	G	0.0412
rs79419863	G	-0.0461
rs11039523	A	0.0767
rs75324926	G	-0.1749
rs11031672	G	0.0361
rs10791780	C	0.1247
rs1490939	A	-0.0256
rs116870261	C	0.0741
rs9300041	G	-0.0265
rs12363755	G	0.0461
rs77342407	T	0.0562
rs4930290	T	0.03
rs72944704	T	-0.0783
rs72951492	A	-0.1287
rs17133608	T	-0.0496
rs10892827	G	-0.045
rs684450	T	-0.0324
rs653955	A	0.1186
rs569575	G	0.0571
rs79963984	T	0.104
rs17320769	T	0.1478
rs496852	G	0.0238
rs112007361	C	-0.158
rs475763	T	-0.032
rs141644689	A	0.0927
rs117293780	A	0.144
rs10741569	A	-0.0268
rs1533475	G	-0.0243
rs2511241	C	0.0763
rs76027079	T	0.118
rs11825503	A	-0.1048
rs2707077	A	-0.0244
rs17508418	G	0.0294
rs923811	G	-0.0248
rs10769011	T	0.0317
rs12284560	C	0.0315
rs80317839	T	0.0628
rs968938	T	0.0277
rs79540430	T	0.0791
rs481539	T	-0.025
rs12361570	C	-0.0237
rs12281062	C	0.0249
rs4435037	T	-0.0329
rs61889565	T	0.1346

rs333805	A	-0.0259
rs74982319	T	-0.0807
rs75704632	G	0.0971
rs1477565	G	0.0369
rs1403257	G	0.0235
rs151036376	T	0.1791
rs111681528	A	0.1311
rs17642362	G	-0.0728
rs12418250	A	0.0248
rs117639653	C	0.0992
rs6591845	C	-0.0905
rs78750004	T	-0.1041
rs2351959	T	-0.042
rs17719728	G	-0.0385
rs1793406	A	0.0419
rs116932437	C	0.0381
rs61900918	A	-0.1421
rs55753209	A	-0.0526
rs7101795	C	0.0747
rs11824398	A	0.1039
rs118004397	A	-0.0763
rs16927077	T	0.0475
rs7927259	C	0.0477
rs2167457	T	0.0272
rs9651733	T	-0.0907
rs74819113	T	-0.0603
rs72957868	T	-0.0987
rs12362067	T	-0.0941
rs10891896	C	-0.0238
rs6590871	C	0.0301
rs117404503	A	0.0768
rs10892587	A	0.0286
rs2896631	G	0.0346
rs56388104	T	-0.0567
rs117387905	G	0.1636
rs4938769	T	-0.032
rs35123761	T	0.1169
rs118152619	A	-0.0438
rs7129994	A	-0.0282
rs148195639	A	0.0765
rs35070085	G	0.0303
rs1826608	T	0.0323
rs1939700	G	0.0321
rs58084546	T	0.0393
rs111483786	G	-0.0757
rs73030555	T	-0.0611
rs61878848	G	0.031

rs61880816	T	-0.1692
rs111563159	G	-0.0746
rs12421901	T	0.1379
rs2158397	T	-0.0988
rs80160019	A	0.103
rs74345042	G	-0.0465
rs7928703	G	0.0254
rs71475983	G	-0.1735
rs10902141	A	-0.0454
rs76082460	A	-0.0474
rs111359253	A	-0.0835
rs56345802	A	-0.1994
rs113079998	T	0.0368
rs72963839	T	-0.1244
rs2068413	A	-0.0245
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rs149966913	A	-0.0769
rs11212028	C	-0.1146
rs113574105	T	-0.1415
rs1000256	G	-0.0297
rs1893760	G	0.0427
rs117143906	A	0.0736
rs11219454	C	0.028
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rs12361363	T	-0.1583
rs72973917	A	-0.1033
rs11233967	C	0.0622
rs61895518	T	-0.0589
rs2659603	C	0.0602
rs10768402	A	-0.1472
rs7128437	T	0.1058
rs7117512	A	0.0399
rs74852789	A	-0.0957
rs61901707	G	0.0743
rs61877970	A	0.0629
rs61899050	A	-0.0299
rs112646785	C	0.1165
rs140127923	T	0.1353
rs78591789	C	0.2292
rs6590334	T	0.0247
rs7129274	A	-0.0271
rs58727509	T	-0.0297
rs117983987	A	0.1147
rs112797124	C	0.0449
rs11233771	A	-0.0281

rs12793024	C	-0.045
rs75824946	A	0.0524
rs11219715	A	0.052
rs72896141	A	0.0717
rs117262601	G	-0.08
rs61874335	A	0.0893
rs73512771	A	0.0298
rs1845965	C	0.1072
rs75213442	T	-0.0462
rs11222150	A	0.0409
rs11029728	T	0.0627
rs61880631	T	-0.0289
rs80044241	G	0.0987
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rs72979386	A	0.0818
rs11224557	C	0.0381
rs117680585	T	-0.0854
rs116875324	T	0.13
rs75022011	G	0.0588
rs12792216	C	-0.0533
rs76598600	T	-0.0934
rs2514897	C	-0.0262
rs76113046	T	-0.093
rs147961304	T	0.1301
rs147786077	T	0.1148
rs115325870	T	0.1063
rs11229786	A	-0.0762
rs61901646	A	-0.0566
rs74776071	T	-0.0973
rs613803	T	0.062
rs113351750	A	-0.1017
rs73593238	C	-0.0967
rs143592601	A	0.0995
rs11226934	A	-0.0336
rs79318727	A	-0.1599
rs12419987	C	0.0323
rs12295698	A	0.0611
rs11223639	G	0.0376
rs75281580	A	-0.1067
rs74945140	A	-0.0686
rs4645934	A	-0.0787
rs11603365	A	0.0427
rs72964489	G	0.1021
rs4753494	T	-0.1503
rs17433272	A	0.0872
rs12292262	C	0.0471
rs79080159	C	0.0961

rs75415537	A	-0.0791
rs12288512	A	0.0296
rs572310	G	-0.0258
rs7944043	G	-0.0329
rs1039755	C	-0.0284
rs66464640	C	-0.0355
rs76077717	A	-0.1815
rs1940073	G	-0.0403
rs935990	A	0.0283
rs149372895	C	0.0934
rs116637506	G	-0.0705
rs138740265	G	0.1598
rs11020294	G	0.1241
rs11041303	A	0.0406
rs1276083	G	-0.03
rs2015090	C	0.0523
rs117370506	T	-0.1073
rs141290626	C	-0.1021
rs11603089	G	0.0303
rs72943230	T	0.1075
rs117471793	C	0.0991
rs113481154	T	0.1296
rs78462694	T	0.1205
rs75593605	T	-0.0849
rs117596934	A	0.2105
rs77174914	A	0.1359
rs12366149	A	0.034
rs10431056	C	-0.0256
rs117256638	A	-0.1164
rs66974822	G	-0.0426
rs117913056	C	-0.1612
rs7928347	T	-0.0304
rs17246102	C	-0.1028
rs72870052	C	-0.075
rs77984124	A	0.0456
rs2568044	T	-0.0283
rs10769990	C	-0.0246
rs150231073	T	0.1704
rs11603417	T	0.034
rs142905457	C	0.125
rs118113255	T	0.0842
rs117755785	A	-0.1193
rs140673067	T	0.0889
rs145343314	A	0.1532
rs137906349	A	-0.0759
rs2513206	A	-0.0236
rs138351310	C	-0.214

rs117769567	A	-0.1461
rs545766	C	-0.0574
rs12417751	C	0.1196
rs11033614	A	0.1246
rs11602379	C	0.1095
rs35706962	T	-0.064
rs67673710	G	-0.0652
rs80124360	C	0.0837
rs231918	T	-0.0331
rs150699722	G	-0.1668
rs75647163	T	0.1735
rs45570644	T	-0.0736
rs512932	G	-0.042
rs11035361	A	0.0908
rs4937560	G	0.0267
rs12576313	G	0.0293
rs77169798	A	0.056
rs3741367	C	-0.0243
rs614394	C	-0.0418
rs11225967	C	-0.0405
rs995875	C	0.1478
rs11220901	T	0.0388
rs61878493	A	-0.03
rs78451042	C	0.1845
rs2371372	A	0.0583
rs416334	T	-0.0317
rs17392414	A	-0.1254
rs146000814	C	-0.1311
rs12418328	C	0.0825
rs10836341	A	-0.0563
rs61898752	C	0.0772
rs1883735	C	0.1006
rs17745367	T	-0.0837
rs75006696	T	-0.1194
rs101259	G	-0.0303
rs1792539	G	-0.0269
rs2015539	T	0.0413
rs7120564	A	-0.0241
rs11237243	A	0.0506
rs61134913	G	-0.0419
rs61883469	G	0.0268
rs113459670	G	0.0656
rs77893659	T	-0.0644
rs76347292	C	-0.0718
rs4937307	G	0.0237
rs2292889	G	-0.0267
rs118049846	A	0.1298

rs7121896	A	-0.0271
rs174472	G	-0.0249
rs12574529	C	-0.1497
rs2854117	T	0.0302
rs11221238	C	0.0606
rs1532504	C	0.0343
rs4935986	C	0.0235
rs7106971	C	0.0367
rs61908909	G	-0.0432
rs6590352	C	-0.0578
rs10501304	T	-0.0253
rs116941471	G	0.1305
rs3016424	G	0.0259
rs1440716	G	0.0842
rs147866373	G	-0.0888
rs11224338	A	0.0868
rs1893172	C	0.0301
rs11215933	A	-0.04
rs150947590	T	-0.1346
rs10895394	G	0.0261
rs7124211	C	-0.0298
rs2593549	G	0.0231
rs116942223	C	0.122
rs12419863	A	-0.0632
rs6486099	C	0.0502
rs142652362	A	0.1438
rs11218079	T	0.1621
rs67379953	A	0.0544
rs7119840	G	-0.0267
rs149137426	A	0.2097
rs11237819	G	-0.1107
rs59645839	T	-0.0301
rs117741333	T	0.2577
rs4635086	A	0.0443
rs1793076	G	0.0422
rs79403502	A	0.0414
rs2851602	T	0.0407
rs2000967	C	0.0407
rs12417645	T	-0.1205
rs11021994	G	0.0326
rs79046471	T	-0.0682
rs113293427	T	0.0673
rs11601011	C	-0.1214
rs11038507	A	0.0522
rs78121842	A	0.2054
rs55692446	C	-0.0285
rs7933996	C	0.0786

rs12800427	G	-0.0485
rs117575029	G	0.1162
rs144718240	T	-0.0666
rs112165703	G	-0.1322
rs116541637	C	0.1514
rs35595946	C	0.0253
rs11218209	T	0.0238
rs1320712	A	-0.0394
rs2234295	T	0.1848
rs1562782	G	-0.0235
rs1788279	T	-0.037
rs72922827	T	0.1506
rs74550015	A	-0.1337
rs11603406	A	-0.0387
rs1503389	C	-0.0471
rs12806865	G	0.0282
rs7123943	G	-0.037
rs75581839	A	-0.0573
rs35219273	T	0.0648
rs17744036	T	0.0354
rs6578461	C	-0.0463
rs11605093	G	-0.0456
rs138742208	A	0.126
rs1893687	A	0.0246
rs10894735	A	-0.0344
rs4142964	G	0.0473
rs117124716	T	-0.145
rs72980904	C	-0.0913
rs75772250	C	-0.0652
rs28441376	T	0.1
rs10790759	A	-0.0257
rs113302541	G	0.1426
rs34397855	T	0.1134
rs7116810	G	-0.0897
rs58986040	G	0.0367
rs11237703	T	0.0585
rs7946695	C	-0.0258
rs112840723	A	0.158
rs511028	T	-0.0357
rs117074452	C	-0.1143
rs1263167	G	-0.0292
rs76638746	G	0.1312
rs11229598	G	0.0966
rs614689	G	-0.0263
rs12802138	T	0.026
rs10898973	G	0.0325
rs141006886	G	0.1415

rs139472577	T	-0.1072
rs117755686	G	0.1392
rs2374464	G	-0.026
rs3132781	A	-0.0338
rs11601331	T	0.0503
rs7941015	T	-0.0372
rs4757661	T	0.1061
rs10899238	C	0.029
rs1916055	G	-0.0251
rs117288635	A	-0.0675
rs4144611	G	0.0257
rs117757897	T	0.0872
rs80004781	G	0.1452
rs75366718	G	0.1201
rs79510966	T	0.0668
rs2212485	G	-0.0371
rs77307014	C	0.1312
rs72998600	A	0.1058
rs72848745	A	-0.0438
rs7358464	T	-0.1642
rs5743915	A	-0.024
rs74557060	G	0.1332
rs7114085	T	-0.0298
rs17462019	A	-0.0681
rs11230424	A	-0.0623
rs11237286	C	-0.0903
rs7123213	G	0.0242
rs78744083	A	-0.1178
rs80219938	A	0.1325
rs7931539	G	0.029
rs10743152	T	0.0262
rs117246591	A	-0.0938
rs146812427	T	-0.0657
rs72981977	A	0.1213
rs1589379	C	-0.026
rs11038052	G	-0.0378
rs117304134	T	0.0937
rs3763862	A	0.0243
rs2299639	T	-0.0294
rs4556531	T	0.0238
rs2194961	C	-0.0249
rs117988058	T	0.101
rs12420661	C	0.0257
rs17146314	T	0.0628
rs142889358	T	0.134
rs117699168	A	0.1359
rs113990729	T	0.123

rs3802769	A	0.0626
rs17879733	T	-0.051
rs12293714	G	0.1429
rs6486422	T	0.0232
rs78284044	T	-0.0935
rs1487856	C	-0.0265
rs11231781	T	-0.0237
rs2311007	T	0.0476
rs11025953	C	-0.0232
rs76695010	G	0.1178
rs79015890	A	0.1648
rs61880478	T	-0.0912
rs144334074	A	-0.1138
rs12793078	G	-0.0687
rs533239	A	0.0278
rs147081004	C	-0.0383
rs10833122	A	0.0248
rs76686919	T	-0.0609
rs28395875	C	0.0308
rs12418010	T	0.0254
rs61894720	T	0.0339
rs7113742	T	0.0321
rs12788593	T	-0.1186
rs10768424	A	-0.0232
rs35840688	T	-0.0571
rs111773434	G	-0.0603
rs56248452	C	0.0296
rs1219406	G	0.0241
rs11041870	T	-0.0347
rs12281674	G	0.073
rs137987525	A	-0.1006
rs75620804	T	0.1439
rs4614453	T	-0.0372
rs113538827	G	-0.1455
rs76785396	A	-0.0611
rs11222567	A	0.0276
rs12421158	C	-0.0262
rs4752743	T	-0.0405
rs949901	T	-0.0405
rs1531825	T	-0.028
rs118055963	A	0.1422
rs487641	C	0.0292
rs7122541	T	0.0588
rs1816158	C	-0.0551
rs117504461	A	-0.1324
rs118049918	C	-0.1762
rs7936856	C	0.0457

rs78353441	A	-0.1098
rs77277636	A	-0.0737
rs7928272	T	0.0444
rs115658967	G	-0.0707
rs1452941	T	0.1816
rs562172	T	-0.0419
rs72925304	T	-0.0504
rs76810978	T	0.0717
rs2186798	G	0.0367
rs3949025	A	-0.0236
rs663350	A	-0.0801
rs117307157	A	-0.1776
rs10751038	A	0.0266
rs17469598	G	0.1626
rs56408277	T	-0.0265
rs12286984	T	-0.0279
rs117653031	G	-0.0958
rs11028069	A	0.0959
rs4600214	A	0.0541
rs2000534	A	0.1028
rs73025339	A	-0.1817
rs1794087	C	-0.1387
rs80104803	A	-0.1056
rs75408516	G	-0.066
rs72643386	G	-0.0473
rs117962347	T	0.0952
rs12225106	A	0.1578
rs75007400	C	-0.1387
rs2514141	T	0.0292
rs72552131	G	-0.08
rs41464450	T	0.0369
rs6589848	T	-0.0305
rs78490356	A	0.0575
rs12803858	C	-0.0763
rs33998335	T	-0.1055
rs35182337	A	0.0508
rs11021861	T	-0.0532
rs7931271	A	0.0362
rs61878807	G	0.0382
rs72931237	A	-0.1259
rs148569536	A	0.0891
rs117249465	T	0.112
rs11606552	T	-0.1489
rs80244020	T	-0.084
rs118131912	A	0.0944
rs11037296	A	-0.0422
rs66611299	A	-0.0664

rs78898518	T	0.0866
rs11222158	G	-0.0343
rs10732521	G	0.027
rs117299590	C	0.0468
rs2074051	T	-0.0276
rs11216024	G	0.1261
rs1541878	G	-0.0625
rs145596917	T	0.1295
rs75243428	A	-0.1063
rs1110703	G	-0.0246
rs6485351	G	-0.0234
rs11022497	A	0.0397
rs74652144	A	0.0552
rs72955824	T	-0.0634
rs12798340	G	0.0466
rs78198533	G	-0.053
rs79408871	A	-0.0647
rs2289571	C	0.0366
rs61901987	C	-0.0322
rs1939894	C	0.0243
rs72885428	C	-0.0411
rs7130635	T	0.0268
rs12417332	G	-0.0396
rs557015	T	-0.0721
rs7479970	A	0.0305
rs10768035	G	-0.0266
rs112727222	A	-0.1746
rs79989050	G	-0.0505
rs318969	C	-0.0303
rs10766215	T	-0.028
rs113275568	T	0.0892
rs12283157	C	0.0246
rs80072517	G	-0.0847
rs16912863	C	0.1067
rs9645658	C	-0.1512
rs77578240	T	0.0351
rs10908216	A	0.08
rs35071479	C	-0.0333
rs12274456	T	0.0274
rs11027279	A	0.0261
rs111720172	G	-0.1787
rs1498552	A	0.0316
rs117555742	G	0.035
rs10769865	C	-0.031
rs75410373	C	-0.1155
rs512647	C	0.0228
rs11603802	A	0.1222

rs75589519	G	0.1165
rs112968778	T	-0.0627
rs118166879	G	-0.0952
rs11219898	C	0.0289
rs66752582	C	0.0765
rs12417404	G	0.0338
rs11230499	A	0.0325
rs55654176	G	-0.0265
rs78655128	A	0.0904
rs11600686	A	0.0391
rs2902388	G	0.0241
rs10894245	C	-0.0262
rs72894757	G	-0.0752
rs118169893	C	0.1504
rs17158489	C	-0.0654
rs142819977	A	0.1436
rs4426152	C	0.0655
rs76642290	T	-0.1171
rs146571326	T	0.1699
rs11223384	C	-0.047
rs11223401	G	-0.0356
rs1286386	T	0.0246
rs476378	A	0.0261
rs10766778	T	-0.0313
rs12419062	G	-0.0239
rs10768246	G	-0.0264
rs12792692	A	0.0376
rs117547372	G	0.1575
rs148824829	A	0.1115
rs78635013	T	-0.1814
rs67943767	T	-0.0582
rs75108985	T	0.075
rs10501352	A	-0.0311
rs140223079	A	0.1246
rs35597171	T	-0.035
rs4963505	G	0.0276
rs1783136	T	0.0235
rs3741298	C	0.0287
rs117978923	T	0.1443
rs1785812	G	-0.0313
rs489172	C	0.0321
rs7938703	G	0.0264
rs72925328	A	0.073
rs77330481	T	-0.0927
rs117291324	T	-0.0965
rs150429053	A	-0.1482
rs10893933	G	0.0342

rs11220746	G	-0.0767
rs7123948	T	0.0622
rs7130915	G	0.0567
rs1465905	T	0.0585
rs12276870	T	0.0266
rs76074937	C	0.1199
rs10834970	C	0.0237
rs2761199	A	0.0249
rs10501639	G	0.1105
rs77226699	T	-0.0916
rs113362986	T	-0.1003
rs149272182	A	0.1098
rs78387243	T	-0.089
rs76681647	G	0.057
rs149645066	A	-0.1331
rs77427706	A	0.1922
rs74981603	G	-0.1086
rs141466414	T	-0.0675
rs72867875	A	0.1074
rs11042983	G	-0.0254
rs16928410	G	0.0501
rs148812826	A	-0.1534
rs17810194	A	0.059
rs7946315	T	-0.0251
rs4936428	T	0.0297
rs80092584	C	0.0311
rs61907009	C	-0.0387
rs12708351	A	0.0486
rs10741584	G	0.035
rs72960218	G	0.1468
rs7941621	C	0.0583
rs2926460	G	-0.048
rs7939663	A	0.056
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rs17566849	A	-0.0482
rs78252146	G	0.093
rs513533	G	-0.0418
rs3099793	T	-0.1143
rs4756195	A	0.0256
rs10769068	G	0.0299
rs147314764	T	0.1467
rs78461527	G	0.1432
rs61913372	A	0.0906
rs1016564	A	-0.0381
rs72948660	C	-0.0943
rs7951509	A	0.0431
rs1939917	C	-0.0459

rs2880581	A	-0.1168
rs2597607	T	-0.0345
rs140687377	A	0.0838
rs627999	T	0.1063
rs11021497	C	-0.0452
rs11605623	C	0.0246
rs137961119	C	-0.162
rs7124061	A	0.0455
rs1939156	C	0.0769
rs142481906	G	0.1254
rs111517401	C	-0.0728
rs76008266	T	-0.0745
rs1520903	T	-0.0256
rs4938874	A	0.1287
rs7941582	G	0.0301
rs7950178	A	0.0764
rs7124454	G	0.0599
rs6591990	G	-0.028
rs4438001	G	0.0472
rs2846293	A	-0.0226
rs149591403	A	0.0833
rs117579256	A	0.1127
rs72887352	T	0.117
rs599994	A	0.0264
rs4627042	C	0.0405
rs144602098	G	0.1606
rs113166674	G	0.0557
rs76747140	T	0.114
rs7946850	T	-0.0306
rs117634960	A	-0.0909
rs1877757	C	0.0611
rs2074225	C	-0.0239
rs76721943	C	-0.1179
rs12276797	T	0.0515
rs327028	T	0.0457
rs7927051	T	-0.0321
rs4937179	T	0.0281
rs117947332	C	-0.0813
rs10502109	C	0.0406
rs61895729	G	0.0755
rs111341626	C	0.1182
rs12422161	T	-0.0305
rs2063475	T	0.0533
rs12807362	G	-0.0255
rs117882103	T	-0.1814
rs75005951	T	0.0719
rs3802863	T	0.0284

rs593252	A	0.0542
rs2853046	T	-0.029
rs12287315	G	0.049
rs146977943	T	0.1708
rs74327007	T	-0.1113
rs1823635	A	0.2036
rs78497898	T	0.0726
rs163166	A	-0.0333
rs7951621	T	0.0253
rs72851744	G	0.1346
rs73473032	G	0.1828
rs117602401	G	-0.1453
rs151018663	T	-0.1209
rs117558009	T	-0.1497
rs2941563	T	-0.0445
rs688019	G	0.0233
rs7936573	T	0.1738
rs111438909	G	0.135
rs117587394	G	0.1021
rs138203201	C	-0.1315
rs585383	G	0.0894
rs12793579	C	0.0305
rs151157288	A	0.11
rs113626577	C	0.1464
rs7125644	T	0.0329
rs138617354	G	0.0801
rs7949235	A	-0.0227
rs77578789	C	-0.1006
rs59826922	A	0.1373
rs941941	T	0.0238
rs2370753	T	0.0275
rs143768943	T	-0.1498
rs149052739	C	0.1332
rs1384758	A	-0.0376
rs118096785	G	0.0456
rs17648172	T	0.0351
rs11821838	T	-0.0573
rs118108525	C	-0.1264
rs7942200	A	0.0496
rs34819764	A	-0.0677
rs72963306	T	-0.0552
rs198475	T	-0.0263
rs12278056	A	0.0722
rs4939135	C	0.0283
rs55808847	T	-0.0598
rs151215224	T	0.124
rs55726421	C	0.0532

rs12285580	A	-0.0296
rs71539700	G	-0.0785
rs77068343	A	0.0909
rs113340695	T	0.2031
rs143917761	A	0.1102
rs12274400	T	-0.0317
rs7396008	C	-0.0277
rs141048382	A	0.1046
rs61890061	C	0.0599
rs61899174	G	-0.1221
rs12419250	T	-0.042
rs80087013	C	0.0819
rs17101816	A	0.0781
rs74722038	A	-0.0596
rs59206044	G	0.0496
rs2514351	C	0.023
rs7111799	A	0.0296
rs4448709	A	0.1398
rs7128569	T	-0.0261
rs56122928	C	0.0778
rs1011618	A	-0.0508
rs12417687	C	0.047
rs12808105	T	-0.0371
rs11819970	C	-0.0322
rs80107941	C	0.0906
rs80238596	C	0.0794
rs75968067	T	0.0853
rs34508379	T	0.0409
rs78928746	C	-0.0883
rs72950901	T	0.0823
rs11220593	T	0.1622
rs79060400	T	-0.0429
rs7178	G	0.0414
rs1817663	G	0.0947
rs79737697	G	0.1425
rs74886865	C	-0.0629
rs145109124	G	-0.121
rs78390286	A	-0.0477
rs117359472	G	0.1899
rs80287271	A	-0.0727
rs12799526	G	0.09
rs35126672	T	-0.0434
rs508334	G	-0.0445
rs117904573	T	-0.1379
rs144105490	C	-0.0771
rs7941201	A	-0.0251
rs74690518	T	0.0747

rs111946281	T	-0.064
rs116652431	G	-0.0302
rs61899171	T	-0.0933
rs11224060	T	-0.036
rs217211	G	0.0574
rs2418589	C	0.0477
rs615231	C	0.026
rs2957857	G	0.0268
rs108499	T	-0.0249
rs142461741	C	-0.1378
rs12278298	A	-0.0234
rs139986720	T	-0.0816
rs114268505	T	0.1065
rs149618266	G	0.1893
rs76092782	T	0.1746
rs4757398	T	-0.0283
rs1900586	C	-0.0328
rs148175490	C	0.1067
rs7941806	A	-0.0909
rs151107956	C	0.0824
rs116914966	G	0.0724
rs60337150	T	0.0914
rs10400374	T	0.0582
rs11221382	T	-0.025
rs12288184	T	0.0606
rs544625	G	-0.025
rs4556519	G	-0.043
rs117227469	C	0.2208
rs74807326	T	0.0734
rs117766583	A	-0.12
rs77008817	A	0.0719
rs12288424	A	0.0259
rs188845	C	-0.0856
rs117550515	G	0.1625
rs117467266	G	0.1339
rs113337722	G	-0.0695
rs147620578	C	-0.129
rs7124967	T	-0.024
rs61899187	A	-0.0309
rs112473235	T	0.0527
rs10769084	T	-0.031
rs73538868	A	0.073
rs2254806	A	0.0238
rs955051	G	0.0299
rs75473162	T	0.0726
rs118097940	A	0.1133
rs35793721	G	0.0955

rs75880048	A	-0.0441
rs17552417	C	-0.0428
rs2513444	A	-0.0278
rs61910342	A	-0.0906
rs7125439	A	0.0822
rs17196385	G	0.0312
rs118151555	G	0.1163
rs117649565	C	-0.1253
rs2291289	T	0.0231
rs34478752	G	-0.1474
rs117547340	C	-0.1582
rs73016456	G	-0.105
rs7107699	T	-0.0303
rs34456199	G	-0.0714
rs75296380	C	0.0424
rs79022900	C	-0.0582
rs7947538	T	0.0247
rs141442869	C	0.137
rs10838054	T	0.0411
rs11037127	A	0.0237
rs60213917	A	0.0606
rs11232496	C	-0.0424
rs10830384	G	0.0626
rs117388256	G	-0.0767
rs17758206	T	0.0348
rs11213354	T	-0.0257
rs11232429	T	0.0673
rs2852820	T	-0.0341
rs679079	A	0.0432
rs7116183	T	0.0292
rs73570125	T	0.1768
rs4356265	T	-0.0567
rs7481929	T	-0.0407
rs16916484	A	0.0392
rs117705783	G	-0.0737
rs1851625	T	-0.0389
rs1377574	A	0.0234
rs61887513	T	-0.084
rs12361129	A	-0.1249
rs4754161	C	0.023
rs10769861	A	0.0243
rs10766967	T	-0.0226
rs116883661	C	-0.1074
rs12362014	A	0.0297
rs10791571	C	-0.033
rs17417498	A	0.0777
rs11215220	C	0.0793

rs539219	C	-0.0318
rs4936070	G	0.0222
rs79629957	C	-0.1955
rs144971448	G	-0.1067
rs2443950	C	0.0236
rs111879199	A	-0.1728
rs45460605	T	-0.0955
rs55934157	T	-0.0352
rs141863045	T	-0.0857
rs11221342	C	-0.0333
rs117553346	T	0.1046
rs117064750	T	0.1139
rs78800237	A	0.13
rs12786738	G	-0.0936
rs57204268	G	0.0409
rs78150667	T	0.0557
rs167914	C	-0.028
rs72850013	A	0.1404
rs11038242	T	0.078
rs7107309	C	-0.0339
rs2723674	A	-0.0285
rs4756742	C	0.0441
rs143418364	T	-0.1153
rs10890732	A	0.1115
rs71484160	T	-0.2067
rs10835130	A	0.0407
rs4130618	A	-0.0229
rs2604532	A	0.0251
rs73028102	A	0.0399
rs118013503	C	-0.128
rs112630481	G	-0.1598
rs68126098	C	-0.0231
rs117487142	T	-0.1578
rs140556226	A	-0.0897
rs10897984	A	0.0285
rs3793949	T	-0.025
rs61907473	G	0.1325
rs71475980	G	-0.0872
rs7939046	A	-0.084
rs139669815	A	-0.1245
rs952528	C	-0.0614
rs76554318	T	0.1085
rs77716535	T	0.0977
rs77037130	A	0.1339
rs12270654	T	-0.0386
rs10898756	A	0.104
rs12790122	G	-0.0239

rs75259979	A	0.0901
rs77191702	G	0.1361
rs75126052	A	-0.0879
rs11042853	A	-0.0569
rs12365753	G	0.0222
rs12418556	A	0.0317
rs10893598	A	-0.022
rs117212524	A	0.1298
rs78208981	C	0.081
rs2016371	G	0.0707
rs147937350	T	0.247
rs142985203	A	-0.0937
rs117771849	G	-0.0673
rs7118230	C	-0.023
rs7119679	G	0.0421
rs1542188	A	-0.0293
rs667933	G	0.0239
rs34412377	A	0.0541
rs12146485	A	-0.0558
rs588059	C	-0.0238
rs61900028	T	-0.091
rs11820444	A	-0.037
rs75894339	A	-0.1036
rs11827345	A	-0.034
rs2513741	T	-0.0229
rs79829381	T	0.0877
rs10832783	A	0.0493
rs76033331	G	-0.0623
rs10734174	A	0.0237
rs7116491	T	0.0224
rs7112744	T	0.0486
rs4085170	G	0.0262
rs146204458	G	0.1112
rs3816791	C	0.0343
rs149613541	A	0.0703
rs7933088	G	0.0672
rs12787249	A	0.0635
rs7942935	A	-0.0227
rs77103001	T	0.1672
rs118008100	A	0.1918
rs10734544	A	0.0228
rs640775	C	0.0272
rs7110845	A	0.0223
rs4923117	T	-0.0511
rs117431929	A	-0.1341
rs77105247	A	-0.1533
rs1377573	G	-0.0234

rs12788483	C	-0.0448
rs76569692	A	0.056
rs7938776	G	-0.0238
rs12789387	A	-0.0402
rs111679936	T	0.0877
rs17110620	C	0.1457
rs1783846	A	-0.0303
rs7946719	A	0.0246
rs1557485	A	0.0393
rs11604215	G	-0.0256
rs7117409	A	0.028
rs11215954	T	-0.0262
rs117994943	A	-0.1469
rs112015689	T	0.0923
rs117704289	C	-0.1537
rs2213117	T	-0.0423
rs112062329	C	-0.2295
rs117481000	G	-0.0983
rs3858463	A	-0.075
rs78082882	G	0.1104
rs72973932	A	-0.1146
rs1793026	A	0.0574
rs2852831	T	0.0307
rs61906577	G	0.0962
rs118004392	A	-0.1964
rs12277680	G	-0.0246
rs6486121	C	-0.0231
rs7105978	T	0.0321
rs139006769	C	0.0909
rs61882396	A	-0.0673
rs3814707	A	-0.0251
rs72984767	A	-0.0351
rs4755368	C	0.0411
rs10128586	C	-0.0305
rs7103890	C	0.026
rs17137241	T	0.0546
rs72892091	A	0.0538
rs72946474	C	0.0359
rs537538	A	-0.027
rs11220019	C	0.0284
rs117351395	C	0.06
rs113083192	C	-0.1098
rs56344867	C	-0.0258
rs7117346	A	0.0303
rs12808672	C	0.0234
rs12417219	C	0.0796
rs71469544	A	-0.099

rs10893721	A	-0.0218
rs116900937	G	-0.168
rs78439865	G	0.0589
rs118102189	C	-0.1531
rs17118750	C	0.0413
rs147524131	C	0.0669
rs76019202	A	0.1216
rs11246115	A	-0.0929
rs12421913	C	0.0374
rs17543109	A	0.1922
rs56229070	G	-0.0314
rs138489504	T	0.0908
rs60118117	C	0.0658
rs72880585	T	0.0529
rs2212490	C	0.0274
rs141643527	T	-0.1343
rs3734074	A	0.0916
rs74548265	C	-0.0979
rs76990256	T	0.072
rs61901534	G	-0.046
rs11606497	C	0.0414
rs2723666	T	-0.0282
rs4757065	T	0.0262
rs12360601	T	-0.0285
rs117767065	T	0.0801
rs34652478	T	-0.0626
rs143648571	C	0.1549
rs4027410	G	-0.0294
rs9735013	T	-0.0436
rs117924224	C	-0.0816
rs118036473	T	0.1609
rs2668897	A	-0.0417
rs112893541	G	0.0806
rs73009144	A	-0.1485
rs1343784	C	0.0244
rs4150639	T	-0.0818
rs75444514	C	0.0584
rs34648431	A	0.0259
rs76735255	C	0.0844
rs45599440	G	0.0521
rs12224054	C	-0.049
rs139211085	C	-0.1463
rs226130	A	0.0226
rs61907021	A	0.0315
rs45558241	T	-0.1026
rs10894116	A	-0.0647
rs6416086	C	0.07

rs7130269	G	-0.0222
rs6589969	C	0.022
rs1436258	T	-0.0287
rs138266176	G	-0.1056
rs12224675	T	0.0408
rs72897522	G	-0.1102
rs4755263	A	-0.0402
rs10769108	G	0.0227
rs1871377	C	-0.0231
rs56023742	C	0.0366
rs61893677	A	-0.053
rs11026114	A	0.0495
rs11227385	G	0.1818
rs75868796	A	0.08
rs733856	A	-0.0241
rs72963740	T	-0.1382
rs74516278	T	-0.0874
rs11602900	T	0.163
rs12418682	G	0.027
rs74354206	G	-0.09
rs17318858	C	0.033
rs74508703	G	0.1134
rs76306447	T	0.1081
rs76682217	T	-0.1249
rs907611	A	-0.025
rs12417625	G	0.0599
rs117550899	T	-0.0757
rs118045499	A	-0.1279
rs6484805	G	-0.0259
rs74364270	C	-0.112
rs141079021	C	0.0818
rs111942477	A	-0.0255
rs72912828	T	0.1025
rs485165	T	0.0319
rs117624050	A	-0.0586
rs35990895	G	0.0588
rs17119192	A	0.0876
rs2713802	C	-0.0326
rs540028	G	-0.0325
rs146674845	C	0.1691
rs504542	G	-0.0228
rs4937292	T	0.0341
rs871506	T	-0.0511
rs117007285	C	0.1067
rs79194902	A	-0.0635
rs144072702	A	-0.1156
rs12791869	T	0.0817

rs34462999	A	0.1263
rs77214099	T	-0.1443
rs12575795	C	0.1111
rs2232950	T	-0.0231
rs117180985	A	-0.1187
rs17150001	A	0.0305
rs11826022	A	0.1807
rs140654529	A	0.112
rs145213356	G	-0.0699
rs7933508	G	-0.0342
rs1574249	A	-0.0214
rs2271587	T	-0.0716
rs7125354	A	0.0337
rs11021770	C	0.0375
rs6485330	G	0.0421
rs74490195	A	-0.0761
rs10898189	G	0.0692
rs11019705	T	-0.0238
rs117932421	T	0.1073
rs7940559	A	0.0235
rs12790923	A	-0.035
rs2277283	C	0.0249
rs34623898	T	0.1083
rs12795021	C	-0.1176
rs12293603	A	-0.0275
rs117852332	A	-0.1008
rs10751140	T	-0.0238
rs10047494	T	-0.0498
rs2126069	T	0.0218
rs4937944	A	0.0275
rs2283161	T	0.0361
rs61885870	A	-0.1456
rs113864726	A	0.1609
rs59288233	C	0.0674
rs3781648	C	0.0339
rs61893858	T	-0.1249
rs116862502	A	0.0975
rs3867275	A	-0.0339
rs61901669	G	-0.035
rs76085546	T	-0.1003
rs77384822	G	0.1756
rs61105947	T	-0.1564
rs71490195	C	-0.063
rs118176069	G	-0.0803
rs12290102	G	0.043
rs79122111	A	-0.0739
rs139648188	C	0.1411

rs117983439	C	0.0984
rs75926345	T	0.0767
rs12803628	A	0.0235
rs11826678	A	0.1039
rs1940937	T	0.0292
rs72896987	T	0.0503
rs7127139	A	-0.0286
rs1976784	A	0.0319
rs1505203	A	-0.0419
rs72936739	T	0.0313
rs17147208	A	0.045
rs117716886	A	0.0433
rs145648512	G	0.0714
rs4328228	T	0.0307
rs73000130	G	0.09
rs4757853	T	-0.0241
rs12285142	T	0.0353
rs6486126	C	0.0352
rs11025633	C	-0.1265
rs61890324	T	-0.092
rs142049616	T	-0.0757
rs61890660	T	0.1118
rs117976684	C	0.0693
rs608830	C	0.0319
rs113291741	A	0.0493
rs111265260	T	0.1714
rs79084878	A	-0.0877
rs2723657	C	-0.0272
rs2512139	A	0.0228
rs4910356	A	-0.0259
rs12576062	G	-0.0306
rs80324788	A	0.1038
rs115161284	A	-0.1549
rs11023733	T	0.0405
rs75245229	A	0.063
rs174481	G	0.0276
rs601446	A	0.0287
rs73616489	A	-0.0965
rs4936205	C	0.0278
rs2074200	G	0.0429
rs713402	T	0.0355
rs118082690	C	0.1163
rs7111422	T	0.0449
rs12286938	C	-0.0248
rs2059615	C	0.0276
rs11601235	T	-0.032
rs117029470	T	0.1265

rs117002568	A	-0.098
rs72997464	C	0.0529
rs12295063	A	0.0648
rs948414	T	0.024
rs148713924	C	-0.169
rs117775904	A	-0.0472
rs74812099	G	0.0837
rs536360	C	0.0428
rs12289571	C	0.0289
rs931393	A	0.0215
rs117911505	C	0.1145
rs7945210	C	0.0346
rs1914204	C	0.0221
rs55965525	G	-0.0452
rs117303377	A	-0.2025
rs3923014	A	-0.0478
rs1540218	G	-0.0217
rs7940961	T	-0.0738
rs11602548	A	-0.0567
rs960531	G	0.0443
rs10892664	A	-0.0287
rs2283202	G	0.0232
rs329537	G	0.0213
rs11607866	A	0.0743
rs147810421	T	-0.1253
rs12295663	A	-0.0229
rs3794015	T	-0.0238
rs112893472	A	-0.1333
rs16930026	A	-0.0803
rs117513447	G	-0.1077
rs4525266	T	-0.0212
rs114522336	A	-0.1001
rs7121636	G	-0.0333
rs11225797	A	0.1252
rs11023435	A	-0.0295
rs79356354	T	0.0791
rs55861306	T	-0.0695
rs147575699	C	0.0869
rs61892858	A	-0.1056
rs117792791	C	0.0803
rs10831550	T	-0.0253
rs61881361	C	-0.1514
rs72960077	A	0.0614
rs112671921	A	-0.0605
rs7924413	C	0.0323
rs137915577	A	-0.1341
rs11605162	A	0.0482

rs72980870	A	-0.0259
rs2511520	T	0.0301
rs504339	A	0.0232
rs7116467	G	0.023
rs117167943	T	0.0701
rs7945365	T	0.0373
rs61912394	A	0.0595
rs117117171	A	-0.1321
rs61909887	T	0.064
rs7946758	G	-0.0221
rs7102738	A	0.0527
rs7933728	A	-0.0221
rs2739293	C	0.0337
rs148946270	A	0.1782
rs7125940	T	-0.0229
rs75235269	A	-0.0728
rs59226968	C	0.0285
rs117509017	A	0.0661
rs138694315	G	0.1713
rs79333868	A	-0.0598
rs2349298	T	0.0627
rs145382247	C	0.12
rs79829182	T	0.134
rs79486783	A	0.0929
rs151261867	C	0.119
rs1921576	C	0.0398
rs117565350	T	0.1006
rs10837496	T	-0.0238
rs79867898	C	0.0471
rs11038787	C	-0.0319
rs145844822	T	-0.1242
rs117549531	T	-0.1895
rs116279999	A	0.0298
rs112966696	A	-0.1427
rs12285414	G	0.0245
rs12226662	C	0.0864
rs56334924	C	-0.0523
rs35601511	T	0.0239
rs112036281	T	-0.0855
rs7948971	G	-0.0273
rs7481555	T	0.0364
rs147946376	A	0.112
rs148621763	C	-0.0908
rs61904419	T	-0.0921
rs61912677	T	-0.0725
rs10897325	A	0.0828
rs117096921	G	0.0836

rs5743997	T	0.0943
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rs61642064	A	0.0753
rs77093844	G	-0.1197
rs11237529	G	0.0387
rs117677275	A	0.1297
rs682386	A	-0.0276
rs2270621	A	0.0998
rs117386456	A	0.1307
rs72853813	C	-0.1217
rs1945690	A	0.022
rs117819665	T	-0.0674
rs9787734	T	0.0272
rs7938619	T	-0.0232
rs73488531	T	-0.0755
rs7941856	A	0.0675
rs117637012	T	-0.0464
rs56380832	G	-0.0547
rs75941298	A	0.0366
rs117333247	A	-0.1262
rs489401	C	0.0217
rs77629554	T	-0.0566
rs61875698	A	0.0453
rs665306	T	-0.0232
rs1106944	C	-0.0426
rs1290811	A	-0.0241
rs72849606	G	0.0682
rs75312278	C	-0.1311
rs111917694	G	0.1769
rs10835699	T	0.0224
rs138409491	A	-0.1012
rs5005275	G	0.0508
rs4542422	T	-0.0229
rs116872515	A	-0.1486
rs11221838	G	0.023
rs11604132	A	-0.142
rs12224049	T	0.0477
rs4757205	A	-0.0209
rs116639465	C	0.1119
rs74975858	G	-0.0505
rs10766742	T	-0.0367
rs6598006	T	0.0217
rs12365197	G	-0.0448
rs145315469	G	0.0386
rs12364283	G	-0.0393
rs56318682	T	-0.0214

rs231878	A	0.0305
rs4542404	T	0.027
rs117637275	G	0.1431
rs72900133	A	0.0388
rs10830964	T	-0.0364
rs4755283	G	-0.0298
rs4488184	C	-0.0249
rs12799847	T	-0.028
rs12803225	A	-0.0271
rs4756818	A	0.0601
rs141977075	G	0.1406
rs80150354	A	0.059
rs66496749	G	0.049
rs28521783	T	-0.0452
rs146070868	T	0.0917
rs1216483	A	0.1189
rs1530855	C	-0.0476
rs7128706	T	0.0259
rs7948709	T	-0.0261
rs72871128	T	-0.099
rs142246108	G	0.1646
rs61915480	T	-0.0676
rs79763002	T	0.051
rs147179287	C	-0.0755
rs494791	A	-0.0224
rs11021169	T	0.0394
rs61911033	C	-0.028
rs538112	C	0.0374
rs10897741	T	0.0321
rs11025995	A	0.0997
rs111683933	C	0.1056
rs7131350	T	-0.0556
rs1522433	G	0.0236
rs112960420	T	-0.0736
rs141017967	C	0.0931
rs55714734	A	0.0742
rs11031510	T	0.0375
rs548429	G	-0.0228
rs11037976	A	0.0223
rs142782272	T	0.1089
rs118088706	C	0.121
rs61886860	A	-0.0274
rs10790149	C	-0.0318
rs79071997	T	0.0751
rs79288090	G	-0.1514
rs78977082	T	0.0544
rs117035457	T	0.0734

rs77217282	G	-0.1792
rs147935791	T	0.1091
rs1079199	C	0.0259
rs77070968	T	0.057
rs71488446	T	0.0518
rs7120277	G	0.0235
rs78644894	C	0.0929
rs138959949	T	0.047
rs72997420	T	0.1676
rs72953329	A	0.0934
rs599191	G	-0.0393
rs2761214	T	0.1102
rs10751211	T	-0.0276
rs113984891	T	-0.1321
rs11237796	G	0.0261
rs112892342	A	-0.1116
rs146271995	G	-0.0883
rs903017	G	0.0247
rs2346829	T	0.0229
rs894008	A	-0.0235
rs12420097	C	-0.0929
rs79456221	C	-0.1549
rs862785	G	-0.0483
rs1350952	A	0.0462
rs36188135	C	-0.025
rs10831282	G	0.0239
rs656841	C	0.0219
rs10501238	T	-0.0237
rs11237366	A	0.073
rs7111517	A	-0.0249
rs646423	A	-0.0258
rs12802796	A	0.0734
rs72889128	A	-0.1042
rs148672310	A	0.1644
rs7950446	A	0.072
rs143817276	T	0.1195
rs144304353	G	0.0751
rs75227397	A	0.071
rs11222349	T	0.0379
rs61869760	T	0.0784
rs12277740	A	0.0848
rs4264131	T	0.1086
rs1118557	G	0.0213
rs1939574	C	0.0212
rs12795441	A	-0.0306
rs75796131	G	-0.0828
rs3851180	C	0.031

rs9804462	A	0.0479
rs75732222	G	0.0497
rs142916566	A	-0.1195
rs79519287	G	0.0954
rs145908834	C	0.078
rs28817619	G	0.0335
rs12280312	G	0.0256
rs95596	C	0.0217
rs117176177	C	-0.1021
rs74797792	A	-0.0588
rs11600640	A	0.0274
rs78178847	A	0.1017
rs876797	A	0.0248
rs74859093	T	0.0976
rs2444242	A	0.039
rs1274215	G	-0.0374
rs240542	T	0.0216
rs720106	C	0.109
rs75686089	T	0.163
rs6486178	T	0.0264
rs10896436	A	-0.0613
rs10891509	G	0.0378
rs144965507	A	-0.0737
rs11043021	C	-0.0471
rs10838209	C	0.0453
rs2852119	G	0.0233
rs35951893	C	-0.0414
rs3827486	A	0.0229
rs61913922	A	0.0958
rs2723588	G	-0.0246
rs1472890	T	-0.1304
rs61888299	C	-0.059
rs117675938	C	0.1016
rs12279578	A	0.0795
rs4365023	T	0.0286
rs11022462	G	-0.0334
rs477728	A	0.0851
rs881333	C	0.0252
rs144331791	G	-0.1378
rs149898886	C	0.1457
rs10908212	A	0.0488
rs77094343	A	0.0764
rs12273350	G	-0.0219
rs12362694	C	0.0426
rs750949	A	-0.0226
rs11038076	A	-0.0512
rs661923	T	-0.0231

rs78995550	C	0.1679
rs12223282	C	0.0618
rs75758973	A	0.0707
rs12288946	C	-0.0261
rs4756099	T	0.0219
rs75908690	A	0.0761
rs7127660	A	0.0223
rs73535809	A	-0.064
rs74431607	T	0.0991
rs12797436	C	0.0388
rs11037893	T	-0.044
rs7951283	G	-0.024
rs11234088	T	-0.0432
rs448101	C	0.0215
rs2005833	G	0.0246
rs11600393	C	-0.0555
rs12785355	A	-0.0589
rs11600934	T	-0.0344
rs6485389	A	0.0227
rs76472582	C	-0.0926
rs73522161	A	-0.0343
rs9971615	A	0.0215
rs7116863	A	0.0228
rs1858791	T	-0.0263
rs72941178	T	-0.0392
rs4262746	A	-0.0213
rs10736600	G	-0.0228
rs76841261	T	0.2084
rs1456244	C	0.0418
rs2510287	T	0.0218
rs61904191	A	-0.0313
rs77084175	A	-0.1205
rs1923293	T	-0.0599
rs10792298	A	-0.021
rs139865769	G	-0.1589
rs3741089	G	-0.0221
rs117366670	A	-0.1148
rs947889	C	-0.0211
rs55877269	C	-0.0499
rs4910814	T	0.043
rs7119386	T	0.023
rs7126809	G	0.0228
rs2512805	T	0.0377
rs12363699	T	0.1217
rs868066	A	-0.0402
rs332439	T	-0.0328
rs11606985	C	0.0261

rs12273515	G	-0.0264
rs78491612	T	-0.054
rs1073480	C	-0.0253
rs588731	A	0.0463
rs1349807	C	-0.0337
rs10835300	T	0.1529
rs12288230	T	-0.0946
rs73000880	T	-0.0808
rs117559142	T	0.0839
rs148608702	T	-0.1079
rs11607959	G	0.0785
rs117752521	G	0.0588
rs61886136	G	0.0662
rs483264	A	-0.0509
rs2138601	T	-0.0663
rs11229887	A	-0.034
rs77248775	T	0.104
rs150774506	T	-0.0839
rs59896175	C	0.1202
rs7944067	T	-0.0248
rs990648	A	-0.0211
rs10836488	A	-0.0268
rs12418165	T	0.0331
rs77546623	G	0.0945
rs76565618	A	0.093
rs267447	T	-0.0363
rs929954	G	-0.0621
rs11603888	A	-0.1133
rs117248782	A	-0.1468
rs112233726	A	0.0921
rs79678589	G	-0.0856
rs78672121	A	-0.0577
rs118171241	G	0.1166
rs11038714	C	-0.096
rs1938868	G	0.0358
rs117057067	A	-0.1483
rs11601610	A	-0.0382
rs77400541	A	0.0612
rs11036643	C	-0.0544
rs1791914	A	-0.0248
rs11550904	G	0.1067
rs7926462	G	-0.0211
rs7931951	C	-0.0269
rs117994707	G	-0.0827
rs76991401	C	0.0549
rs75255277	T	0.0808
rs11024916	G	-0.1305

rs7118445	G	0.0467
rs624505	G	0.03
rs1289445	T	0.027
rs72846059	G	-0.029
rs34997407	T	-0.0403
rs1453431	C	-0.0313
rs11602810	G	-0.0227
rs2448277	C	-0.0305
rs56400716	T	-0.0574
rs56203702	A	0.0954
rs61752597	G	-0.1857
rs11517960	C	-0.0601
rs142268772	G	0.1414
rs117855164	T	-0.1651
rs1784108	T	0.0333
rs7125317	A	-0.0288
rs117632458	G	-0.1334
rs140179189	A	0.1025
rs113863437	T	-0.0793
rs72982143	C	0.04
rs1454002	G	0.038
rs10501575	G	-0.0313
rs7119740	C	0.0556
rs146458208	T	-0.093
rs58883118	T	0.1035
rs13447704	C	-0.1569
rs145523907	A	0.0998
rs544368	T	-0.0322
rs17160805	T	0.0954
rs12787092	A	0.0309
rs1383126	T	-0.0893
rs3740984	A	-0.0616
rs4980773	A	0.0482
rs112990645	G	-0.0676
rs76954962	T	0.1449
rs112777632	T	0.069
rs116927795	C	0.0982
rs77620100	C	0.0753
rs112906111	G	-0.157
rs6589948	G	-0.0311
rs7105974	G	0.0591
rs11529889	C	0.0208
rs143884188	G	0.0742
rs116947897	C	0.0668
rs55740408	G	0.0566
rs609115	C	-0.0344
rs35649348	C	-0.0533

rs11600655	C	0.0238
rs117072916	T	-0.119
rs79117277	G	-0.0642
rs11600120	T	0.0345
rs61896877	A	-0.04
rs76617496	G	-0.0543
rs11032794	C	0.0702
rs1218916	G	0.0971
rs12801929	C	-0.0767
rs116857171	C	-0.0614
rs10501435	G	0.0234
rs10790531	G	0.0205
rs7951064	G	-0.0457
rs11219919	G	0.0289
rs75957079	A	-0.1341
rs7938378	A	0.0215
rs72930849	T	0.0251
rs148195543	C	-0.0975
rs113161006	C	-0.0643
rs907271	T	0.0214
rs3844144	T	0.0374
rs6589875	T	-0.0309
rs10893616	T	0.0282
rs538847	T	0.021
rs61911502	G	0.0339
rs12278021	A	0.031
rs116992996	T	0.0688
rs12292437	C	-0.114
rs117419015	A	-0.1689
rs73021218	A	0.0493
rs76266984	A	0.0756
rs7126760	C	-0.0216
rs2403686	C	0.0218
rs10466389	A	0.0343
rs117650859	T	0.098
rs73396616	G	-0.0908
rs2647530	G	-0.0327
rs148294927	T	0.1895
rs586662	A	0.0285
rs72944264	A	0.0672
rs112462883	T	0.0861
rs1943850	T	-0.0216
rs139195038	A	0.0751
rs948203	T	-0.0217
rs4756804	C	-0.0976
rs12418496	G	-0.021
rs74394148	A	-0.157

rs78162690	C	0.0611
rs117062831	A	-0.134
rs7120278	T	-0.0257
rs11217558	T	0.1511
rs146556332	A	-0.0578
rs12420530	T	0.0229
rs73021221	C	0.0558
rs10742752	T	0.0216
rs10501955	G	-0.0214
rs2676460	T	-0.0282
rs7931334	C	0.0443
rs76535381	G	-0.0897
rs12273302	A	-0.0475
rs74375520	G	-0.1117
rs1491866	T	-0.022
rs719784	G	0.0295
rs11022774	G	-0.0341
rs4146882	G	-0.0419
rs117222801	T	-0.0678
rs72963790	C	0.0493
rs1373926	T	-0.0204
rs4420299	T	-0.0206
rs1015445	C	-0.0214
rs79132595	T	-0.08
rs12366073	C	0.1274
rs217718	G	0.022
rs17298565	C	-0.0531
rs2441939	T	0.0311
rs115272933	T	0.0978
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rs72849153	C	0.1379
rs10892945	T	-0.0943
rs74526639	A	0.0985
rs66520188	T	-0.0358
rs11025067	A	-0.0406
rs117523717	C	0.0942
rs12420339	G	-0.0684
rs73515581	T	-0.0838
rs78798755	C	0.1554
rs77321525	A	0.033
rs6590143	C	0.029
rs7130688	C	0.0268
rs149979965	C	0.0808
rs12576834	A	0.0285
rs61110451	A	0.0398
rs34111148	A	0.0363
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rs147559614	T	0.0782
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rs16910276	A	0.0714
rs546750	G	0.0473
rs76698515	T	0.0617
rs117809404	T	-0.1025
rs76838437	G	0.0437
rs9666844	G	0.0208
rs75672397	C	-0.0298
rs3132839	A	0.0254
rs6590598	C	0.0312
rs11037561	C	-0.0233
rs11029579	A	-0.1091
rs147127143	A	0.0696
rs835764	A	-0.0352
rs112910373	T	-0.0644
rs576425	T	0.0279
rs116874100	A	0.099
rs7111510	C	0.067
rs12361405	A	-0.0453
rs117185201	C	-0.1706
rs4755849	A	-0.025
rs116995249	A	-0.1086
rs10898284	A	0.0328
rs7939778	A	0.0239
rs11602542	C	0.0319
rs16926560	C	0.0585
rs7350506	G	0.0293
rs2846049	G	-0.0295
rs12366207	G	-0.0259
rs7941969	C	-0.0554
rs7948487	G	0.076
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rs217089	A	-0.0273
rs2139424	C	0.0262
rs61879560	G	0.0575
rs4756498	C	-0.0869
rs1722857	G	0.0231
rs151281516	T	-0.1587
rs1995623	T	0.0339
rs10734479	T	-0.0217
rs17206578	C	0.0439
rs139423236	G	-0.1242
rs118055198	T	0.0745
rs7116829	G	0.0271

rs138663011	G	-0.1399
rs142348028	C	0.0787
rs60186872	C	-0.0883
rs145010870	A	-0.0953
rs114123615	A	-0.0665
rs4756578	C	-0.0205
rs10895308	A	0.0241
rs140606519	C	0.0743
rs1939602	A	-0.0262
rs11224695	G	0.0533
rs418439	T	-0.0266
rs11041431	C	0.0268
rs10766779	G	0.0209
rs745200	A	-0.0205
rs488769	C	0.0216
rs4939463	T	-0.029
rs78594871	A	0.174
rs12292249	T	-0.0348
rs9943474	T	-0.0516
rs11231706	T	0.0793
rs10838128	A	-0.0415
rs7118144	G	0.1126
rs78360573	A	0.1177
rs11608130	G	0.0485
rs117634635	A	-0.0592
rs11221081	A	0.041
rs11043081	G	0.0386
rs117680726	A	0.1064
rs142406864	T	0.0873
rs1600809	C	-0.0211
rs11034518	T	-0.1256
rs7112002	A	0.0223
rs1994117	G	-0.0208
rs11038468	C	0.0275
rs138896418	A	0.1494
rs557096	T	0.0343
rs12274457	A	0.0651
rs11041153	A	0.0349
rs648181	A	-0.0218
rs3758970	T	0.0458
rs73523721	C	0.0677
rs11025260	T	0.0266
rs1828636	C	-0.1229
rs79729971	A	0.0568
rs2511880	T	0.0789
rs1029349	A	-0.0217
rs80267908	A	-0.0786

rs11214863	T	0.0243
rs329673	C	-0.0279
rs117103981	T	-0.1008
rs11023171	C	0.0843
rs7127267	G	0.0204
rs117274104	A	0.1326
rs59357824	G	-0.0354
rs11023074	C	0.0408
rs72945382	A	0.1369
rs10895175	T	0.0206
rs112860453	T	0.1382
rs636128	T	-0.0214
rs116922192	A	-0.0932
rs10500753	C	0.0223
rs12421758	T	0.0269
rs113719860	A	-0.056
rs10893846	T	-0.027
rs117828080	A	0.1167
rs10894117	G	-0.0241
rs294335	C	0.0234
rs7125888	T	-0.0209
rs676206	A	0.0254
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rs56189858	T	-0.0778
rs61870201	G	0.0383
rs66854728	A	-0.0281
rs116900295	A	0.0934
rs72852839	C	0.1108
rs10836675	T	-0.0373
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rs148773346	A	0.1758
rs17502259	G	-0.0918
rs7117375	A	0.0225
rs149221661	G	0.1135
rs73024960	T	0.0634
rs61869021	A	0.0301
rs10736616	A	-0.0293
rs11246306	C	-0.0232
rs73028637	T	-0.0835
rs2344931	C	-0.0233
rs72882681	C	-0.0903
rs111451035	C	-0.0344
rs147576335	T	0.1311

rs10839964	C	0.0219
rs7104613	T	0.0441
rs10836386	T	0.0209
rs2129849	C	-0.0256
rs2680284	A	0.1301
rs117791682	T	0.0909
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rs61910578	G	0.0211
rs144787688	T	-0.0819
rs76423243	G	0.1011
rs76970109	G	0.0394
rs10501381	T	0.0262
rs10898849	T	0.025
rs12282757	T	0.0266
rs72877329	G	-0.0571
rs891441	G	-0.0201
rs139976183	G	0.1358
rs7931430	C	0.0267
rs3889570	C	-0.0219
rs147783403	T	-0.0789
rs646558	A	-0.0299
rs575929	C	-0.0216
rs1219385	A	-0.0259
rs117185070	C	-0.1175
rs11528938	T	0.0706
rs17630335	A	-0.0873
rs2852242	T	0.0489
rs56257756	G	0.0414
rs9787826	C	0.0217
rs1892999	C	0.0214
rs76850153	A	0.0734
rs631163	G	-0.0227
rs11236862	A	0.0316
rs77972792	T	0.0859
rs2960555	A	0.1362
rs79183757	T	-0.1178
rs61909781	C	-0.0711
rs1945971	C	-0.0368
rs111438108	T	-0.0332
rs1906687	T	-0.0203
rs118161780	T	0.0809
rs11026580	C	-0.0213
rs4756644	T	-0.0242
rs17551747	G	0.0213
rs7105056	T	-0.0844
rs74922271	G	-0.0547
rs7101455	A	0.023

rs59090546	A	0.1287
rs526484	T	0.021
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rs11023348	A	-0.0473
rs11025664	A	0.0336
rs34735495	G	-0.0742
rs4755854	C	0.0218
rs11035171	C	0.0276
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rs116949141	T	0.0972
rs9943597	C	0.0212
rs113243296	C	0.0749
rs117279172	C	0.0898
rs76690346	T	0.0529
rs74681328	T	0.0612
rs72916853	T	0.029
rs80020135	A	-0.1433
rs7129413	A	-0.0401
rs2156526	C	-0.0215
rs78168465	A	-0.0431
rs477118	A	-0.0606
rs672796	A	-0.0267
rs2919033	T	0.0857
rs72992188	A	0.0847
rs12275367	T	0.0216
rs78957281	C	0.0437
rs4910164	T	0.0207
rs72865735	T	-0.0933
rs3740869	C	0.0304
rs118155370	T	-0.0973
rs76226948	C	-0.1258
rs80047824	C	-0.1238
rs142632184	G	0.1277
rs1122273	G	0.0333
rs524914	C	-0.0439
rs10836510	T	0.0209
rs144362877	T	-0.1207
rs36045958	G	-0.0393
rs148145996	G	0.0714
rs79377015	T	0.1222
rs79822649	A	-0.0767
rs964661	T	-0.0426
rs144044938	C	-0.0997
rs117241885	T	-0.0538
rs76739307	T	-0.0988
rs117535032	T	0.077
rs12797102	G	-0.0363

rs76594667	A	0.0774
rs10767734	T	-0.0215
rs7934632	A	0.0209
rs1784129	A	-0.0255
rs2515951	A	-0.0207
rs10896430	G	0.0239
rs6578263	A	0.0374
rs55719860	A	-0.1253
rs72926728	A	-0.0348
rs80188936	A	0.1094
rs11021360	C	0.0942
rs17104970	A	0.1136
rs78591480	C	-0.0779
rs61901911	T	0.0872
rs12291536	A	-0.0218
rs12786183	C	0.0282
rs34742099	C	-0.0299
rs2373580	C	-0.0263
rs148493466	C	-0.1496
rs80285378	G	-0.1293
rs79248761	T	0.0843
rs118110973	T	-0.1551
rs73027988	T	0.0326
rs2614172	T	-0.0206
rs17704641	T	-0.0338
rs78069145	C	0.0645
rs17099622	G	-0.0407
rs56251941	A	0.0886
rs12282553	T	-0.0331
rs860841	T	-0.0395
rs567057	G	0.0412
rs7942030	C	0.0292
rs116893213	C	0.1052
rs2562250	C	-0.0209
rs77863916	C	0.0687
rs12418475	A	-0.0545
rs1792998	A	-0.0353
rs78085398	A	0.127
rs113425742	G	0.129
rs71478202	T	0.1195
rs75090113	C	0.061
rs10896948	A	0.1037
rs4944090	T	0.0208
rs76774246	C	0.1222
rs2403496	G	0.0597
rs2900740	A	0.0659
rs80227954	C	0.0342

rs118101644	C	-0.1143
rs67727642	A	-0.0421
rs1454001	C	-0.0248
rs117015347	A	-0.1271
rs75356132	G	-0.1845
rs10767317	G	-0.0255
rs117123068	A	0.1073
rs10837538	T	0.0414
rs61884778	C	0.0352
rs79608083	A	0.0935
rs117005908	A	-0.1115
rs1496661	G	-0.1152
rs716066	A	0.0271
rs73578917	T	-0.0994
rs7934606	T	-0.0259
rs836144	G	0.0215
rs11236275	T	0.0209
rs1613367	G	0.0217
rs72896144	C	0.0978
rs75110218	T	-0.0694
rs112453126	A	0.0812
rs58344561	A	0.0519
rs56869223	C	0.0476
rs117561223	A	0.1245
rs760059	C	-0.0334
rs118001540	A	0.0943
rs77898739	A	0.0862
rs17146589	T	0.0365
rs2508863	G	0.0387
rs116946028	T	0.1431
rs7945554	A	0.0212
rs139145883	G	-0.1267
rs10751250	C	-0.021
rs147138098	C	0.0763
rs56407311	T	-0.0381
rs2299629	A	-0.0483
rs4756274	T	-0.1269
rs7121786	C	-0.042
rs1493271	C	-0.0369
rs56071001	C	0.0685
rs2848529	C	-0.0235
rs11213111	C	-0.0427
rs111725466	C	0.1091
rs61895588	G	-0.0285
rs76975484	A	0.0911
rs12787774	C	-0.046
rs7119457	T	0.0207

rs73029056	A	-0.0263
rs117162000	C	0.1526
rs117018467	A	-0.088
rs10836405	C	-0.0202
rs144141680	A	0.104
rs141955902	T	0.0787
rs61897680	G	-0.0609
rs658274	G	-0.0505
rs7936665	A	0.0368
rs79825730	A	0.074
rs79081778	T	-0.0375
rs1995161	A	-0.0867
rs4936565	A	-0.0235
rs12808620	A	0.0344
rs72999587	A	0.106
rs117560430	G	-0.0822
rs79981233	A	0.0879
rs113923589	A	0.0404
rs10833753	T	0.0201
rs78986132	T	0.1017
rs7112171	G	0.0523
rs111752425	A	-0.0439
rs117832177	T	0.1004
rs12576744	A	-0.0481
rs74507729	A	0.0907
rs138608984	A	-0.1209
rs80120888	G	0.0892
rs72847942	C	0.0364
rs74735701	C	-0.0765
rs1051121	T	-0.083
rs10750009	G	0.0265
rs75998435	A	0.0626
rs10765785	G	0.079
rs11217253	G	-0.0226
rs217111	G	-0.0205
rs74632380	A	0.0586
rs72981217	G	0.029
rs117452286	A	0.1142
rs34357884	C	0.0378
rs895257	A	-0.053
rs596322	T	-0.0411
rs11824304	T	0.0258
rs7480497	C	0.0241
rs597599	C	-0.0213
rs16918472	A	0.0368
rs2135630	T	-0.0235
rs117189164	A	0.041

rs11224503	C	-0.0475
rs55918321	T	-0.07
rs10894390	A	-0.0671
rs7119405	G	0.0513
rs11221253	C	0.0212
rs78712419	A	0.0731
rs145338202	T	0.0543
rs74789053	C	-0.0482
rs11225878	G	-0.0262
rs35089351	A	0.0311
rs11222966	G	0.0735
rs10840006	T	0.0596
rs7119665	A	0.0343
rs60957779	A	0.0472
rs744894	A	-0.038
rs112898821	C	0.0643
rs75964869	T	-0.0738
rs73017697	T	0.1033
rs11024428	G	0.0403
rs61886289	A	-0.0417
rs75404874	A	-0.0736
rs117485612	T	0.0906
rs2515312	G	-0.0278
rs7114018	T	-0.0209
rs11222585	G	0.0637
rs75418283	T	0.0334
rs35440005	T	0.1105
rs112153370	C	0.1011
rs11021100	A	0.0217
rs117065739	G	0.1906
rs61902544	C	0.0474
rs11036870	T	0.0229
rs77400904	T	0.1124
rs45520932	T	0.0394
rs142381270	C	0.1285
rs76253138	T	0.0507
rs78869673	G	-0.119
rs1301842	G	0.0475
rs147835876	T	-0.0818
rs3740793	C	0.0751
rs62638916	C	0.1125
rs7478816	G	-0.036
rs12146613	G	0.0206
rs61755079	A	0.0614
rs72984661	G	-0.0413
rs117399581	A	-0.071
rs7107618	A	-0.0305

rs10437619	G	0.0204
rs72900351	T	-0.0714
rs4382917	A	-0.0315
rs141123784	A	-0.085
rs4523710	A	0.0331
rs143664615	G	0.1998
rs148111974	A	0.1344
rs12417798	T	0.0601
rs11604080	G	-0.0506
rs7933954	A	0.0937
rs12573862	G	0.0535
rs11607116	C	0.0279
rs77740780	C	-0.0969
rs11025729	G	0.0226
rs117061194	C	-0.0451
rs79682189	A	-0.0501
rs113941138	G	0.0775
rs959582	C	-0.0265
rs76131528	T	-0.1114
rs72999579	G	0.0779
rs4945242	T	-0.0238
rs487306	T	0.0346
rs116875546	G	-0.0776
rs17139341	A	-0.1095
rs117130061	C	-0.1114
rs11604895	T	0.0215
rs118106806	C	0.1426
rs77621647	T	0.0637
rs531539	C	-0.0317
rs11040933	A	-0.0215
rs12796930	A	-0.04
rs6578412	T	0.0623
rs111426027	T	-0.097
rs10830278	T	0.0252
rs142522583	G	0.1353
rs12791303	C	0.0822
rs627532	C	0.0206
rs4937635	T	0.0537
rs12288950	G	-0.0248
rs11604388	T	-0.0821
rs145326483	T	0.0491
rs2250721	A	0.0219
rs79232795	C	0.1184
rs117910161	C	-0.0967
rs77334643	C	0.0528
rs1020679	A	-0.0239
rs41298757	T	-0.0917

rs117666064	C	0.1279
rs12099237	A	0.0749
rs10894404	A	0.0281
rs10768960	T	0.0856
rs145643955	T	0.0839
rs34135547	T	0.0312
rs150021392	T	0.0983
rs72980155	C	-0.0585
rs11218925	A	0.0511
rs112120701	A	-0.0844
rs12281495	C	-0.0233
rs117086636	C	-0.115
rs1471686	T	-0.0333
rs145025905	C	0.0864
rs1793044	G	0.0197
rs4937769	C	-0.0328
rs502147	A	0.061
rs71475968	T	-0.0419
rs4133622	T	-0.0845
rs2406745	T	-0.0203
rs73015403	T	-0.1125
rs117894356	T	-0.1121
rs117452935	A	-0.0872
rs76392326	C	0.0745
rs11602821	T	-0.0283
rs73569469	A	0.035
rs79848141	T	0.091
rs937850	G	0.0272
rs61879093	A	-0.1441
rs11828295	T	0.1046
rs7122312	G	0.0408
rs643171	A	-0.0284
rs11027419	C	0.0311
rs61887769	T	-0.0481
rs11030865	C	0.045
rs6485508	A	0.0429
rs80089378	C	0.0411
rs145784188	A	0.1002
rs3019797	G	-0.0206
rs117239001	A	0.109
rs112454385	A	-0.124
rs4133404	T	-0.0448
rs118069235	A	-0.1025
rs145820640	G	0.13
rs55756957	G	0.027
rs77172645	A	-0.1246
rs112709662	C	0.1153

rs12417578	T	-0.0309
rs79013765	C	-0.0561
rs150091196	G	-0.1712
rs514182	A	-0.0247
rs111925725	A	-0.0362
rs146889634	C	0.1279
rs11826637	G	-0.0466
rs74715509	G	-0.0613
rs78198741	C	0.1308
rs55778917	A	-0.1042
rs55968880	C	-0.083
rs902876	A	0.0223
rs117945519	C	0.103
rs1848395	C	-0.0403
rs61907184	G	0.0438
rs73032123	A	0.0945
rs79707198	G	-0.0446
rs117762765	T	-0.1046
rs10831561	C	0.0197
rs77793415	T	0.1303
rs145805633	G	0.0531
rs142799197	C	-0.0891
rs140646702	C	0.0836
rs117147736	G	-0.1524
rs75148986	G	0.0513
rs1453393	T	0.0205
rs73043131	A	-0.0743
rs4363628	A	0.0299
rs143093834	C	0.1578
rs80143982	A	0.0508
rs17125980	G	-0.0993
rs76937140	A	0.1572
rs61868780	T	0.0563
rs10892003	G	-0.0254
rs143195987	G	0.1116
rs35623555	T	0.0409
rs1450211	G	-0.0372
rs11220020	A	0.1293
rs7479875	C	-0.026
rs144892853	G	-0.0612
rs77776318	C	0.1201
rs1008041	C	-0.0322
rs16927304	T	-0.0683
rs1790474	A	0.0251
rs78688959	G	0.081
rs17615581	G	-0.0211
rs143535148	T	0.1027

rs112221755	C	0.0415
rs78316112	T	0.0818
rs11599967	G	0.0327
rs117740105	A	-0.1395
rs76706987	T	-0.0591
rs78202977	T	-0.0696
rs74614044	T	0.031
rs10791302	A	0.0255
rs117150966	A	0.0459
rs75614345	C	0.086
rs75527033	A	0.1511
rs404359	C	0.0256
rs7123046	A	0.09
rs72959601	G	-0.0594
rs964039	C	0.0289
rs10897110	C	-0.0307
rs111456958	C	-0.0299
rs4261274	T	0.0316
rs12275754	T	-0.0548
rs117037102	T	0.0873
rs11223471	C	-0.0381
rs17735232	G	-0.0298
rs142215501	C	0.0562
rs2131695	T	-0.0625
rs610513	T	0.132
rs11603504	G	-0.0254
rs117950200	T	-0.2318
rs34444450	A	0.0749
rs77626841	A	-0.0712
rs117131664	T	-0.0731
rs17307438	G	0.0554
rs900853	A	-0.0254
rs10902198	G	-0.0368
rs117257559	T	0.0633
rs74769958	T	0.0463
rs1817158	G	0.0234
rs7926772	T	0.0201
rs10890795	T	0.0198
rs55829319	T	-0.071
rs117646342	T	0.1269
rs73032807	G	0.0829
rs6578388	A	0.0494
rs11028583	T	-0.1289
rs80209255	T	-0.1262
rs10891043	T	-0.0408
rs72843957	A	0.0462
rs150341182	A	0.1599

rs971535	C	-0.0201
rs72933178	A	-0.1227
rs12805219	G	0.019
rs7481386	C	-0.0351
rs1433702	C	-0.0829
rs12801645	T	0.0487
rs137912821	G	-0.0792
rs11601177	C	-0.0259
rs76942654	C	-0.0309
rs118040052	T	0.159
rs143676006	T	-0.1367
rs17293152	A	0.0316
rs61912568	G	-0.0362
rs78875980	C	-0.0493
rs75729876	T	0.0443
rs116991135	C	0.0706
rs76282174	T	0.0854
rs34983219	A	0.0664
rs114222696	C	0.0374
rs7932551	T	-0.0678
rs1365425	A	-0.0313
rs117725080	T	-0.1015
rs115410762	T	0.092
rs78699173	A	0.1054
rs7107252	A	0.0233
rs11021168	A	0.019
rs4754971	C	0.0301
rs145424477	T	0.0859
rs138944723	C	-0.1254
rs12421957	G	0.0588
rs1514093	G	0.0402
rs61898828	T	-0.0442
rs148607922	T	-0.1303
rs12287744	A	0.027
rs7942744	C	-0.0204
rs5029309	C	0.0225
rs61884710	C	0.0199
rs7934599	T	0.0278
rs7931528	A	0.0192
rs6485388	T	-0.0247
rs118009539	T	-0.1879
rs74744766	G	0.0838
rs35485889	C	0.0235
rs61512864	T	-0.0265
rs75155656	A	0.0521
rs57487580	G	0.0548
rs73455133	T	0.0276

rs79525962	T	0.0627
rs117887907	A	-0.0502
rs72857486	C	-0.0966
rs11030140	G	-0.1287
rs112505206	A	0.0462
rs150140754	T	-0.0667
rs12798541	T	-0.0836
rs12802923	A	-0.0509
rs2291813	T	-0.1042
rs12807913	T	-0.0344
rs11036885	G	-0.0395
rs11033925	C	0.131
rs118143421	T	-0.0725
rs117667210	T	0.0677
rs57424199	A	-0.0595
rs75466113	T	0.0744
rs1631727	G	-0.0265
rs72638187	T	0.0646
rs112111057	C	0.1273
rs4430517	G	-0.0216
rs113859057	G	0.0505
rs831464	T	-0.0428
rs10769121	A	-0.0254
rs73503585	C	-0.0293
rs17146032	G	0.0784
rs10791191	T	-0.0217
rs34336740	G	-0.0238
rs11223799	T	-0.0426
rs12362429	G	0.019
rs17310875	C	0.0344
rs12223512	A	0.1688
rs61894113	A	-0.0295
rs2293745	A	-0.0337
rs117529574	A	-0.1037
rs111535836	T	0.0906
rs79474600	T	-0.0939
rs117168276	G	-0.1089
rs117370249	A	0.0826
rs7932792	G	0.0476
rs11042750	T	-0.0309
rs79043518	G	0.1422
rs1893131	C	-0.0204
rs79824361	A	0.0809
rs72872704	C	0.1206
rs74880767	A	-0.0512
rs17242935	C	-0.0326
rs117460086	G	0.0568

rs111543079	C	-0.09
rs80106284	T	0.0541
rs76146047	G	0.0753
rs10741984	G	0.0331
rs118005991	A	0.0541
rs1586381	C	-0.0264
rs75038724	A	-0.0654
rs61916871	G	0.0424
rs59421945	C	0.0845
rs79101573	G	-0.1065
rs884272	G	-0.0209
rs10160296	G	-0.052
rs10838316	A	-0.0263
rs78919031	G	0.0443
rs139714529	A	0.1155
rs111335707	C	0.0892
rs625061	C	-0.0199
rs71482813	C	0.1005
rs71491887	T	0.0973
rs7932902	C	0.0396
rs61897656	G	0.0334
rs71476458	A	0.061
rs2658844	A	0.056
rs58649734	C	0.0598
rs674537	G	-0.0193
rs77553617	A	0.0807
rs146718246	G	-0.1099
rs10891432	C	0.0234
rs76291967	A	-0.0566
rs111991932	G	-0.0872
rs11231926	C	-0.0508
rs118149882	G	0.0815
rs10839799	G	-0.0237
rs11041644	G	0.0259
rs11603152	G	-0.1187
rs11231903	T	0.0259
rs7128860	T	-0.0316
rs4402275	G	0.0229
rs71486880	G	0.1556
rs11220091	T	0.0374
rs75871176	C	0.1986
rs78410705	T	0.112
rs4363570	C	-0.0205
rs74821658	T	0.0614
rs111947060	A	-0.0829
rs117979658	T	0.0867
rs79587123	G	0.1425

rs117941482	G	0.1535
rs45592534	T	0.088
rs12576112	T	0.0303
rs34120211	C	-0.0452
rs80035427	T	0.1346
rs542906	G	0.0379
rs12292554	T	0.0265
rs77876198	C	-0.1124
rs118164092	A	-0.1116
rs397034	G	0.0278
rs12576915	T	0.0322
rs148269848	C	0.1148
rs75320297	G	-0.1127
rs75691776	T	-0.0544
rs61884837	A	-0.0316
rs78726806	G	-0.1141
rs78854133	T	0.0506
rs1126205	T	-0.0312
rs2156844	C	-0.0293
rs12295256	T	-0.0694
rs117639578	T	0.0879
rs10837152	C	-0.0261
rs76822947	A	-0.0463
rs10790142	G	-0.0223
rs72927500	T	0.0621
rs1442717	T	-0.0242
rs72939141	A	0.0902
rs72866114	A	-0.0381
rs2155666	T	-0.023
rs1792583	G	0.0243
rs7480223	T	0.0509
rs12287436	C	0.0451
rs75815933	C	0.0411
rs4930018	T	-0.0214
rs11226759	C	0.0193
rs1791800	A	-0.025
rs72940991	A	-0.0338
rs1945709	C	0.0205
rs753301	A	0.0481
rs5009058	A	0.028
rs72983772	A	-0.0358
rs3764892	T	0.0345
rs59603545	A	0.09
rs678653	C	-0.0202
rs648566	G	-0.0199
rs16907959	A	-0.0788
rs72898938	G	-0.0337

rs55641841	A	0.0658
rs10891434	G	-0.023
rs4997337	C	-0.0411
rs80001711	A	-0.0422
rs12224732	C	-0.0292
rs12363023	C	0.0235
rs61889228	A	-0.0735
rs7939609	G	0.0852
rs7939963	C	-0.1146
rs4930257	T	-0.0243
rs146573878	T	0.0707
rs116134288	G	0.1056
rs3824848	T	0.0213
rs117821281	A	0.0653
rs589389	C	-0.0269
rs150817513	T	0.1221
rs10790338	G	-0.0682
rs11218704	G	0.0411
rs72859259	T	0.1426
rs11032981	C	-0.0425
rs2863159	G	0.0255
rs72861742	C	0.1058
rs79042830	C	-0.0884
rs77728001	T	0.0457
rs12792722	A	-0.0562
rs145211159	T	0.1044
rs138570919	G	-0.0876
rs117679229	A	0.0831
rs78934618	A	0.0818
rs72994900	A	-0.0861
rs1466517	G	-0.0192
rs148567132	T	-0.095
rs10891529	T	0.0208
rs112023868	T	-0.096
rs144538629	T	-0.0921
rs7125822	G	0.0323
rs79851468	T	0.0748
rs112164890	T	-0.1435
rs2171344	G	-0.02
rs7935099	T	-0.0318
rs61909638	C	-0.0957
rs12417303	T	0.086
rs1783448	G	0.0251
rs2016337	T	-0.0194
rs7925175	A	0.0191
rs7103089	A	-0.1053
rs76891606	G	0.0737

rs74604569	C	-0.1061
rs76779235	C	-0.1191
rs2155133	C	0.0982
rs145919758	T	-0.12
rs117649318	T	-0.1117
rs149084104	C	-0.142
rs1315813	A	-0.0193
rs142740832	C	-0.0997
rs12277056	G	-0.0501
rs12278333	C	0.0383
rs61884447	C	-0.0803
rs11224765	T	-0.0287
rs78873921	G	0.0873
rs141370508	T	0.1014
rs7939131	C	0.0613
rs12794619	T	0.0522
rs59011286	G	0.0544
rs72887528	C	-0.0649
rs76784867	G	-0.0574
rs239259	T	-0.0198
rs148680806	G	-0.0548
rs140134598	A	0.1005
rs11230646	A	-0.0781
rs79186158	T	-0.0723
rs28568889	G	0.0558
rs61910588	A	0.0568
rs1386155	T	-0.0194
rs140172738	G	0.0741
rs57734211	A	-0.0453
rs4754816	T	-0.0197
rs116883740	C	0.0856
rs11570196	T	-0.0649
rs116958467	G	0.0342
rs68085433	T	0.065
rs72990046	A	0.109
rs145904821	T	0.0486
rs77960567	T	-0.1331
rs11820624	G	0.0543
rs9630172	A	0.047
rs117422538	A	0.1197
rs521976	T	-0.0766
rs17442124	G	-0.0956
rs79411094	A	0.116
rs7927170	G	-0.0313
rs3016356	C	-0.068
rs12277152	A	-0.0641
rs7941585	C	0.0292

rs4944283	C	0.0201
rs11214110	T	0.0768
rs144487228	C	0.1444
rs61224456	G	0.0734
rs11222392	T	-0.0256
rs141339823	G	0.0997
rs77931378	A	0.1205
rs61885940	T	-0.1555
rs2169332	A	0.0219
rs11223167	G	0.0626
rs78602608	A	-0.0348
rs3967107	A	0.0192
rs35937442	T	0.0939
rs117300515	G	0.1554
rs10430827	G	0.0387
rs146267286	G	-0.0752
rs142471120	C	-0.046
rs76705707	T	0.111
rs61874162	C	0.0535
rs951128	T	-0.039
rs10770139	G	-0.0188
rs11024696	G	-0.0266
rs72939436	A	0.1266
rs149169548	A	0.1013
rs73020575	A	0.114
rs118097798	C	-0.1216
rs1784389	G	0.0237
rs10769675	A	-0.0211
rs117813793	T	-0.0993
rs75018393	T	0.0753
rs17614825	C	-0.0499
rs4497407	A	0.021
rs71465628	G	-0.0459
rs76367059	G	-0.0407
rs118127827	G	-0.0824
rs2034029	T	0.0257
rs11036275	G	0.0213
rs35199438	T	0.02
rs80098336	A	0.056
rs117901567	T	0.0581
rs2847182	G	0.0837
rs80178308	G	0.0833
rs7934379	T	0.0855
rs141368429	T	-0.0916
rs1948977	T	0.0353
rs11607058	T	0.0404
rs12789306	C	0.0722

rs643273	T	0.0797
rs112497741	C	-0.1029
rs71466761	A	0.0995
rs76725555	A	0.0683
rs56074414	T	0.0329
rs80181732	T	-0.0659
rs12576811	A	-0.0311
rs10749877	C	0.0195
rs117087264	A	0.0902
rs1786460	A	-0.1317
rs116882139	T	-0.0766
rs7936116	C	0.0208
rs75384900	C	-0.0888
rs139948762	A	0.1422
rs7940211	A	-0.0196
rs35170178	G	-0.0463
rs11601976	G	0.0312
rs12365021	T	-0.0259
rs61870175	C	-0.0508
rs11022129	C	-0.0259
rs61876751	A	-0.0495
rs4472937	C	0.0264
rs1011896	C	0.0231
rs12807728	T	0.0563
rs2428541	A	-0.0995
rs117334168	C	-0.1077
rs74743296	C	-0.0276
rs113457238	A	0.0367
rs2075583	C	-0.0327
rs113156220	T	0.0504
rs9919579	C	-0.0199
rs1124552	C	0.0783
rs10831533	A	-0.0207
rs11223358	A	-0.0759
rs1560530	G	0.045
rs10902203	A	0.0282
rs11037823	T	0.0768
rs7126420	G	0.0228
rs567177	T	0.0631
rs77101138	G	-0.0752
rs4336989	C	-0.0371
rs112926381	T	0.1627
rs12420596	A	-0.022
rs7947225	A	0.0334
rs7102471	C	0.0185
rs59927238	G	-0.0591
rs117940263	A	0.0984

rs12807765	T	-0.0682
rs59656013	C	-0.0438
rs569550	G	-0.02
rs117486970	G	-0.1026
rs56921505	C	-0.0811
rs78210122	T	-0.0933
rs142767886	C	0.0586
rs11607388	A	0.0438
rs1939903	A	-0.0209
rs138481246	T	0.1553
rs302645	T	0.0203
rs4936027	T	-0.0259
rs12281613	C	-0.0548
rs79508809	C	0.0505
rs2228055	G	0.0456
rs147633276	T	0.1319
rs116862564	G	-0.0666
rs79025219	G	0.0795
rs1245130	G	-0.0218
rs12417395	C	0.0366
rs12792462	T	-0.0595
rs10832082	C	0.0269
rs10890794	C	-0.0217
rs117344772	T	0.0783
rs326941	A	0.0219
rs11214286	T	0.0638
rs111894072	C	0.0669
rs72859264	A	-0.0533
rs148460941	C	0.0536
rs10790450	C	0.0192
rs72973978	G	0.0921
rs12793017	G	-0.0564
rs74843307	A	0.0475
rs12364719	C	-0.0268
rs76173441	C	0.0984
rs72925234	A	0.0499
rs17827816	T	-0.019
rs61902276	A	-0.0576
rs840029	A	0.0215
rs144535439	T	-0.0816
rs113815596	A	0.0356
rs427354	C	0.0216
rs77491995	C	-0.0578
rs10890755	T	0.0227
rs12790873	A	0.0745
rs144495474	C	0.1041
rs117056583	A	0.0993

rs10766348	T	-0.0492
rs11026206	T	-0.0432
rs2568723	G	0.0186
rs1944469	G	-0.0265
rs61890834	T	-0.0693
rs12420883	C	0.0468
rs12419054	T	-0.0375
rs146143813	T	0.1367
rs16922043	C	-0.033
rs117243782	G	0.076
rs149695230	G	0.0703
rs34738484	A	0.0876
rs11021605	C	0.0188
rs12271665	T	-0.0542
rs117275145	G	-0.039
rs76715837	G	0.1138
rs1216186	C	0.0188
rs80203217	C	-0.0944
rs17583177	T	-0.0707
rs35382601	T	0.0582
rs10833369	G	-0.0206
rs117224370	G	0.0791
rs138934849	C	0.1339
rs11602524	T	0.0679
rs1946075	T	0.0303
rs11022313	G	-0.0472
rs4923161	G	0.0325
rs11212055	T	-0.036
rs113213682	C	-0.091
rs66496921	C	-0.0219
rs11605403	C	-0.1243
rs6591003	C	-0.0436
rs76739743	G	0.0598
rs11031651	T	-0.0607
rs11237732	T	0.0511
rs11238027	C	-0.0495
rs645530	A	-0.028
rs17139058	C	-0.1534
rs741886	T	-0.0358
rs72927585	A	-0.0602
rs72975590	C	-0.086
rs11827261	T	0.0313
rs7949205	G	-0.0248
rs34295474	A	-0.0378
rs4756577	A	0.0208
rs118148210	T	-0.0795
rs67356857	C	0.0567

rs1915064	G	-0.0357
rs115093942	T	-0.1483
rs17119671	T	0.0285
rs145950381	C	-0.0757
rs2513665	T	-0.0328
rs486394	C	-0.0214
rs1425172	T	-0.0237
rs142657381	C	0.1471
rs1321014	C	-0.0584
rs11235322	G	-0.0812
rs878277	A	0.0269
rs4319541	T	0.0337
rs111965059	G	0.1316
rs61888355	A	-0.1196
rs11034191	A	0.0439
rs118160229	C	0.1358
rs61908134	G	-0.0336
rs79923459	G	0.0739
rs7928091	T	0.024
rs61908775	C	0.0564
rs12281247	T	0.0246
rs28759512	C	-0.0242
rs11213704	C	0.0184
rs10791356	G	0.0236
rs143640935	T	0.055
rs11603202	G	0.0475
rs55801004	C	-0.0436
rs4936337	T	0.0214
rs10892341	T	0.0211
rs11234248	G	0.0198
rs8705	A	0.0198
rs117875263	T	-0.0248
rs1791919	A	0.0423
rs2672214	C	-0.02
rs80147723	T	0.0327
rs7122740	A	-0.0194
rs17375044	A	0.0445
rs341079	A	-0.0454
rs75837718	T	0.0608
rs7936033	C	0.0269
rs79133834	G	0.0333
rs10833890	C	0.0188
rs2012618	C	0.0221
rs17233325	G	0.0322
rs35879271	T	0.036
rs149850393	A	-0.0667
rs12808548	A	0.0255

rs528638	G	0.0189
rs117680872	C	-0.0657
rs324222	A	0.0371
rs11040248	G	-0.0208
rs61903004	T	-0.1507
rs79537065	G	0.1727
rs12790134	C	0.0352
rs1945419	C	0.0334
rs12275686	A	-0.0198
rs60324279	T	-0.0525
rs567708	C	0.0296
rs77936462	G	-0.073
rs35148943	G	0.0589
rs112507855	C	-0.1128
rs590274	A	-0.0195
rs145985165	T	0.0685
rs7109694	A	-0.0263
rs574422	A	0.0482
rs75649640	A	0.0452
rs72869866	A	-0.0415
rs10894740	G	-0.0306
rs3868123	G	-0.0224
rs12807767	G	-0.0609
rs75781942	T	0.0647
rs11606702	A	-0.059
rs656104	G	-0.0205
rs116963824	A	0.1066
rs139767512	G	0.1353
rs7123679	T	-0.0303
rs149617085	A	0.1353
rs3814728	T	-0.0232
rs77707008	C	-0.0322
rs12278936	G	0.0312
rs12806756	T	-0.0219
rs16907412	G	0.0243
rs1599459	T	-0.0191
rs142940894	G	0.1441
rs491583	C	0.0443
rs117681247	T	0.0987
rs139841657	G	-0.119
rs7104753	G	0.0222
rs145042101	T	0.0838
rs17590919	T	0.0284
rs35141420	A	0.0298
rs143233176	T	-0.0968
rs35198163	C	-0.0462
rs117073449	C	-0.1435

rs12419338	T	0.084
rs66533705	G	0.0303
rs2732538	A	0.0266
rs9667418	G	0.0369
rs4937904	A	0.0199
rs11041880	A	0.0246
rs75843226	A	-0.0603
rs57841376	G	-0.0263
rs80098460	A	-0.0943
rs114182339	T	-0.0212
rs147148482	A	-0.1465
rs77880069	A	0.1056
rs7103897	T	-0.1172
rs61875895	C	-0.0722
rs3114679	G	0.0212
rs7106466	G	-0.039
rs118034194	A	-0.1052
rs10791140	T	0.0241
rs78465991	A	0.0481
rs11820373	C	-0.0367
rs61892076	T	-0.0392
rs61735751	T	-0.0754
rs149086483	C	0.1003
rs117565173	T	0.1275
rs117605009	G	-0.0695
rs79473349	G	-0.0851
rs12794277	C	-0.0409
rs7104391	G	0.0484
rs112769294	C	0.061
rs138184394	T	-0.1213
rs7121496	A	-0.0454
rs11223813	C	0.0251
rs17489368	A	0.0788
rs10750225	T	0.0212
rs143420013	T	0.0762
rs141192500	G	-0.1028
rs1119618	A	0.0311
rs73042082	G	-0.0698
rs7942824	T	0.0219
rs564216	C	0.0364
rs75521722	G	0.118
rs61890222	C	-0.0579
rs494827	T	0.02
rs7115983	T	0.0187
rs146577192	A	-0.0804
rs118141697	T	-0.1111
rs116938054	A	-0.0684

rs78559460	C	0.1061
rs67083662	C	-0.0279
rs7118375	G	-0.0986
rs11232105	C	0.0304
rs116967233	T	0.0841
rs34593113	C	-0.0253
rs72860908	G	0.0829
rs3903268	G	-0.0194
rs61904265	G	0.0497
rs17095647	G	-0.0623
rs697320	T	-0.0201
rs144690291	C	0.0735
rs11221494	T	-0.0314
rs144824231	A	-0.0416
rs73031235	A	0.0472
rs61900073	G	0.0535
rs74453680	A	0.0874
rs2512847	T	-0.0196
rs573126	C	-0.0202
rs34144682	A	0.052
rs35496600	T	0.0295
rs79026207	C	-0.0502
rs71482406	C	0.0395
rs113986909	G	0.0916
rs16909393	A	-0.0287
rs79185600	A	0.0726
rs79770766	T	-0.0718
rs9988914	T	0.0217
rs77040155	G	-0.07
rs117247225	A	0.0622
rs9666629	G	0.0272
rs12806786	G	-0.0464
rs73414218	A	0.0606
rs17598990	G	0.104
rs76344204	A	0.089
rs139236274	G	0.0675
rs117551578	G	0.0851
rs61878969	T	0.0882
rs77476437	G	-0.0504
rs79058081	G	-0.1087
rs147602515	A	0.0503
rs11022209	T	-0.0383
rs1945700	A	0.0257
rs36001077	A	0.1161
rs150584068	G	0.1079
rs150663450	T	-0.1275
rs7117473	G	0.0473

rs11216466	A	0.0411
rs12805708	C	-0.0721
rs2020038	T	-0.1612
rs117642284	C	-0.1155
rs11826055	T	0.0758
rs1455590	T	-0.0217
rs7484176	G	-0.0294
rs72853376	A	0.0734
rs10834864	T	0.0345
rs7127126	G	-0.0344
rs114855326	C	0.0888
rs75850236	T	0.0629
rs11606101	C	-0.0237
rs6590490	C	0.0334
rs10750198	C	-0.0226
rs55992477	G	-0.0269
rs10736643	T	-0.0179
rs74735185	C	0.132
rs77901674	T	0.0964
rs470504	T	-0.0302
rs138567168	T	0.0817
rs72950236	T	-0.061
rs10894394	T	-0.0288
rs79761481	A	0.0413
rs850294	T	-0.0298
rs746430	T	-0.0842
rs72873837	A	-0.0414
rs76674651	A	0.1155
rs141896433	G	-0.0925
rs297505	T	0.0354
rs12273915	T	0.0293
rs150309718	C	0.1299
rs11225422	G	-0.0961
rs61882689	G	-0.0798
rs4945343	A	0.0274
rs12798518	A	-0.0222
rs117149763	T	0.0816
rs61891517	G	-0.0325
rs11019226	G	0.0699
rs11607024	C	0.0548
rs72865430	T	0.059
rs594711	T	0.0241
rs11025194	G	-0.0188
rs1945079	T	0.0181
rs149533328	A	-0.1304
rs117897170	G	-0.0614
rs151077944	A	0.1008

rs57077445	C	-0.0204
rs7943142	T	-0.0296
rs1465968	T	0.0195
rs73030764	C	-0.1044
rs4509742	A	0.019
rs1458111	G	0.0388
rs2248540	C	-0.0204
rs61910354	C	0.0614
rs77719655	C	0.0787
rs77365128	C	-0.135
rs7942929	A	0.0836
rs10836099	C	-0.0313
rs61893653	T	-0.019
rs11233685	A	-0.0444
rs1847581	A	0.0434
rs61873496	G	0.1061
rs111523361	T	-0.0903
rs7947615	T	0.0225
rs7109947	C	-0.0263
rs11031636	A	-0.0284
rs147248535	T	0.13
rs112277610	T	-0.0839
rs12225156	T	-0.0334
rs148000172	C	-0.0998
rs895797	A	-0.0229
rs67315789	A	-0.04
rs11263591	C	-0.018
rs11031147	G	-0.1284
rs74935110	T	0.0965
rs498603	T	-0.0241
rs61898758	A	-0.0757
rs72940444	T	-0.0482
rs7938807	T	0.0369
rs12574401	T	-0.0257
rs2755147	C	-0.0184
rs74506180	C	0.0981
rs12275582	T	0.0261
rs12293318	A	0.0507
rs41534749	A	-0.023
rs142999023	C	-0.0447
rs35049301	G	-0.0402
rs55961528	C	0.0383
rs72993661	G	0.0698
rs78921654	G	-0.1071
rs1546215	A	-0.056
rs73007767	G	0.0482
rs12420944	C	0.0199

rs61880853	G	-0.0721
rs72906834	A	-0.1277
rs117197644	G	0.0948
rs11225443	T	-0.0588
rs145485933	G	0.0952
rs2118360	T	-0.0577
rs2852845	A	0.0218
rs2846691	G	-0.028
rs12796210	C	0.1165
rs4100227	A	0.0466
rs79564337	T	-0.0624
rs56103919	A	0.023
rs526013	G	-0.0204
rs540492	G	0.0177
rs2616271	A	0.0215
rs35273026	T	0.0679
rs11225798	G	0.0293
rs1387153	T	0.0204
rs3019210	T	0.0208
rs117433273	T	-0.0909
rs61904661	A	-0.0506
rs11038147	G	-0.0229
rs139690197	A	0.0731
rs117768520	A	0.1022
rs117441926	T	0.0668
rs80162763	A	-0.0473
rs148265252	T	0.0962
rs76719966	G	-0.04
rs2226931	A	0.0184
rs7125518	C	0.0245
rs117088857	A	-0.0733
rs11222996	T	-0.0576
rs144384165	T	-0.0793
rs10500717	T	-0.0671
rs72856002	G	0.1335
rs144952749	A	0.0952
rs948982	T	-0.0906
rs149937791	T	0.1114
rs11033423	G	0.0902
rs7102375	G	0.0302
rs12275815	A	-0.0723
rs10751237	A	0.0204
rs55669018	T	0.0198
rs12293985	G	0.0352
rs117190725	T	-0.099
rs56213890	A	-0.0275
rs79549670	G	0.0727

rs17406814	C	-0.0256
rs143101596	G	0.0907
rs12146693	T	-0.0719
rs12787691	A	0.0334
rs7948886	A	-0.0408
rs117740614	T	0.05
rs138372969	A	-0.0587
rs61890814	G	-0.1389
rs73019826	C	0.0646
rs11602382	A	0.1052
rs72861246	A	-0.0353
rs7127339	G	0.0222
rs5020496	C	-0.0202
rs71476636	T	-0.0776
rs117058553	G	-0.1202
rs1148100	A	-0.1264
rs11222786	C	-0.0768
rs7395791	A	-0.0183
rs74852164	A	0.0775
rs7942739	A	0.0793
rs659742	T	-0.018
rs61869050	A	-0.1141
rs77362863	T	-0.0591
rs11827471	G	-0.0327
rs676184	T	-0.0415
rs139091062	T	0.1347
rs10400279	G	0.0336
rs2139333	T	0.0271
rs10466731	G	0.107
rs12421117	A	-0.0199
rs7121790	A	-0.0209
rs75609575	A	-0.0701
rs10741594	G	0.0409
rs117037823	A	-0.1088
rs61877665	A	0.0665
rs112557916	T	0.1264
rs113271937	A	0.075
rs10501549	C	-0.0472
rs1562220	T	0.1105
rs140817069	A	0.1311
rs11038040	C	0.0227
rs17120419	T	-0.071
rs73025045	C	0.0304
rs10750514	A	0.0697
rs12361014	C	-0.1121
rs4945084	G	-0.0188
rs75208896	G	0.0217

rs117969972	C	-0.1084
rs72965264	A	0.0973
rs11038180	G	0.052
rs72980038	G	-0.0868
rs4929992	C	0.0189
rs114306990	G	0.0792
rs10908234	A	-0.0192
rs34879555	G	-0.0221
rs10794305	T	-0.0181
rs5013039	A	-0.0238
rs11034033	T	-0.1035
rs61907910	C	-0.0578
rs117361561	A	-0.0743
rs78303181	C	0.0596
rs10894424	T	0.02
rs117858640	T	0.0425
rs45539534	T	0.0207
rs118062825	T	-0.0479
rs76520447	A	0.1017
rs764949	T	-0.0193
rs505317	C	0.02
rs632137	T	0.0303
rs11219845	G	0.0277
rs77317382	T	0.0457
rs74471654	G	-0.0918
rs11231168	T	0.0186
rs11020869	C	-0.0391
rs1983101	T	-0.0184
rs111901409	G	-0.0461
rs4944223	G	0.019
rs117940284	T	-0.08
rs1484882	G	0.0252
rs112495093	A	0.1724
rs118174355	T	-0.1497
rs117945252	G	0.1021
rs139730569	T	-0.1533
rs139158269	A	0.0295
rs533364	T	0.0213
rs72981391	A	-0.0611
rs947979	C	0.0181
rs3133276	G	-0.0295
rs6578273	G	-0.0215
rs77302491	T	-0.0649
rs138877884	A	0.0732
rs75832706	T	-0.1053
rs76026404	A	-0.0773
rs7952059	T	0.0229

rs12801013	A	0.1393
rs66874810	T	0.0346
rs76492199	A	-0.0413
rs7126386	T	-0.0365
rs79666310	T	-0.0766
rs11035240	C	-0.0262
rs117596282	C	-0.0805
rs16927009	T	-0.0383
rs143701995	T	0.0651
rs113981653	T	0.091
rs73027979	C	0.048
rs10840022	A	-0.0376
rs73498930	G	0.0287
rs77333923	A	0.1039
rs115658840	T	0.0741
rs704671	A	0.0278
rs10501538	A	-0.0735
rs4512811	C	-0.0193
rs1729411	A	-0.0289
rs7479005	T	0.019
rs150671748	T	0.0964
rs2282624	C	0.0195
rs72916496	C	0.0426
rs45509898	T	-0.0509
rs74836525	G	0.0427
rs71488730	G	-0.073
rs78050807	A	-0.1076
rs4367942	A	-0.0268
rs75858232	A	0.0356
rs17151079	A	-0.0328
rs989030	C	0.0391
rs11026140	A	-0.0895
rs11034092	A	0.0268
rs10501267	A	-0.0274
rs12284723	A	-0.0177
rs116842927	T	0.0753
rs11216516	T	-0.0281
rs4910983	A	-0.0335
rs149275031	A	0.0882
rs17119283	A	0.0433
rs10899212	C	-0.0356
rs7107704	A	0.0197
rs1991551	C	0.0204
rs174625	A	-0.0183
rs58774930	G	0.1102
rs74651412	A	-0.0436
rs10899266	T	-0.0285

rs9299929	C	0.0211
rs2028977	T	0.0603
rs138080881	T	-0.1427
rs61907677	A	0.0209
rs11022392	G	-0.0688
rs117973714	A	-0.1189
rs61888645	A	0.0525
rs11030026	A	0.0243
rs117097082	C	-0.1491
rs76213936	T	0.0295
rs55882424	T	-0.0328
rs72973007	G	-0.0696
rs36107433	T	-0.0235
rs12577296	A	0.0419
rs117498983	A	0.1283
rs7484233	A	-0.0216
rs117223320	C	0.0696
rs117299439	T	0.0559
rs11236648	G	0.0183
rs10893683	C	-0.0198
rs10898383	C	-0.0223
rs117954439	T	0.0928
rs504909	T	0.0433
rs76261015	T	-0.0354
rs10831741	G	-0.0182
rs79738472	T	-0.0909
rs117480109	A	0.0924
rs78616850	C	-0.1135
rs72855304	G	-0.1008
rs521906	C	-0.0302
rs35272776	A	-0.0477
rs61880331	G	0.0691
rs11030000	T	-0.028
rs141669645	A	-0.1302
rs117413039	T	-0.0851
rs71483623	A	-0.0592
rs118018562	C	-0.0569
rs1540155	C	0.0202
rs11237542	A	0.0212
rs7934423	T	-0.0318
rs11245920	C	0.0354
rs506639	G	-0.0195
rs148603336	A	-0.0939
rs16907322	A	0.0339
rs55997515	C	0.0735
rs111318500	C	-0.0437
rs7104992	G	-0.0182

rs73498011	G	0.1112
rs10898210	G	0.0301
rs72636018	C	0.0277
rs145084678	A	-0.1127
rs67093151	A	0.0355
rs17445272	T	0.0965
rs61883582	T	0.0196
rs7926205	T	-0.0194
rs16911746	C	0.0302
rs11263567	C	-0.0195
rs558229	G	0.0232
rs11023324	T	-0.1066
rs4307719	T	-0.0223
rs4945421	C	-0.039
rs4755862	A	0.0214
rs141828468	T	0.0602
rs117823060	A	0.0868
rs36088190	C	0.0783
rs2555174	G	0.0207
rs34876870	C	0.0368
rs117881242	T	0.1229
rs113698728	G	0.1054
rs34225168	A	0.0482
rs11602347	G	-0.022
rs7108699	C	-0.0201
rs916455	T	0.0802
rs117278384	T	0.06
rs78717683	A	-0.0617
rs56034076	T	0.0249
rs140762486	G	0.0426
rs11213881	C	-0.0194
rs2552516	G	0.0248
rs552498	G	-0.0179
rs12806866	T	0.104
rs1764532	A	0.0176
rs4755257	A	-0.0334
rs12805664	G	0.0233
rs111326306	A	0.0703
rs17636424	C	-0.035
rs76923857	T	0.0762
rs114749741	T	0.0537
rs11212514	T	-0.0265
rs76952593	C	0.0746
rs112123394	T	-0.0605
rs151211759	A	0.1254
rs7114938	G	-0.0946
rs11222799	T	-0.0664

rs74557389	G	-0.051
rs9804652	C	0.0308
rs77135771	C	0.0494
rs79585097	A	0.0881
rs75642318	G	0.0295
rs142418128	C	-0.0923
rs291163	T	-0.0197
rs111783230	G	-0.0951
rs10898157	G	0.0188
rs11213262	A	0.0177
rs138639699	G	-0.0342
rs11025344	T	-0.0483
rs35374828	G	0.066
rs11823371	G	0.1014
rs7483073	G	-0.0314
rs116846412	A	-0.0708
rs11824933	C	-0.0193
rs7950091	T	0.0183
rs17508542	C	0.1172
rs76680777	A	0.0392
rs79345551	A	0.0418
rs1793615	G	-0.026
rs732989	A	0.0249
rs76380380	G	-0.083
rs7125961	G	0.0545
rs10768168	G	0.0196
rs78937786	T	-0.0349
rs891292	G	-0.0175
rs75770659	A	-0.0753
rs79652353	G	-0.0602
rs61899196	G	0.0233
rs542650	A	0.0196
rs12289156	C	-0.0608
rs77502299	T	0.0834
rs117924866	A	0.0785
rs12224582	C	0.0286
rs2846072	T	-0.043
rs148236061	C	-0.0622
rs6578605	G	0.0286
rs77438198	T	-0.078
rs139337744	T	-0.0864
rs1464896	C	0.0206
rs1939638	C	0.0703
rs11211907	C	-0.0227
rs11605109	G	-0.0252
rs4923364	G	-0.0179
rs34150296	T	0.069

rs113156376	A	-0.0808
rs77103304	C	-0.0576
rs34197183	T	0.116
rs67693463	A	-0.0258
rs150348498	G	0.1097
rs10835606	C	-0.0367
rs1787022	T	-0.0287
rs4936085	C	0.024
rs17746556	G	-0.1163
rs12419758	A	0.0361
rs138388841	G	-0.1313
rs3808996	T	0.0298
rs4937496	G	-0.0575
rs12275034	A	0.0472
rs116884018	C	-0.1403
rs502566	G	0.0209
rs76195952	T	0.0801
rs7120753	A	-0.0197
rs77403559	A	0.0351
rs10792702	T	-0.0238
rs1216502	A	-0.0233
rs143454522	C	0.1191
rs61913324	A	0.0272
rs496825	A	0.0237
rs10831639	C	-0.0227
rs4757341	C	0.04
rs35371236	A	-0.0924
rs11238031	T	-0.1069
rs72963956	C	-0.1147
rs117021498	G	0.0706
rs17245608	C	-0.063
rs78946483	G	0.0582
rs79132234	G	0.0501
rs77841249	T	-0.0717
rs79774694	A	-0.0743
rs142089808	G	0.0653
rs35453564	T	-0.0277
rs76752201	G	-0.1054
rs117377431	A	0.0347
rs10488697	G	0.0284
rs542671	A	0.0272
rs149581821	C	0.1278
rs12419226	T	0.032
rs75271160	C	0.0624
rs72970296	T	-0.12
rs3912714	C	-0.0763
rs73531191	C	0.1228

rs78827683	A	0.1231
rs10894405	A	0.0327
rs3794014	A	0.0185
rs10766625	T	-0.0207
rs61888511	A	-0.0328
rs6578584	T	0.0241
rs112656142	C	0.0868
rs117764115	T	-0.1578
rs3862607	T	-0.0202
rs149911640	A	-0.0887
rs143732490	T	-0.0943
rs56410112	C	0.0567
rs75764337	A	0.0384
rs4319528	C	-0.0349
rs7943256	C	0.0714
rs12799274	T	0.0313
rs72850947	A	-0.0428
rs664720	T	0.0434
rs11820676	A	0.0258
rs895563	A	-0.0219
rs145924639	T	-0.076
rs61882770	C	-0.0904
rs72862346	T	-0.1018
rs76954771	A	0.0304
rs7952704	G	-0.0221
rs77775963	T	-0.0338
rs1986325	A	0.0205
rs74925806	T	-0.0792
rs11037101	T	-0.0233
rs117808625	T	0.1011
rs11212322	A	-0.0524
rs12289416	A	-0.0209
rs17660589	A	-0.0441
rs77283886	A	0.0375
rs1783460	A	0.0711
rs16916699	T	-0.0305
rs76597647	A	0.06
rs584337	A	0.0384
rs4128590	C	0.0295
rs72987590	C	-0.0597
rs77542308	A	-0.1443
rs75503285	A	-0.0757
rs4373974	G	0.0188
rs72854108	C	-0.0716
rs4370952	C	-0.0702
rs7944747	C	-0.0301
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rs77482422	C	0.1159
rs10833066	G	-0.0235
rs16906377	G	0.0609
rs7937322	A	0.0282
rs59400787	T	0.04
rs16907093	C	-0.1246
rs76188388	T	0.0669
rs11019120	C	0.0241
rs477550	C	-0.0225
rs11223242	A	-0.0407
rs10831607	T	0.0189
rs217752	C	0.0203
rs76742762	T	0.1436
rs75961282	T	-0.0366
rs7102888	G	-0.023
rs584499	T	0.0259
rs7939765	A	0.0221
rs7941413	C	-0.0351
rs148413415	T	-0.0785
rs61878993	T	0.0782
rs198469	A	-0.0254
rs78577270	C	-0.091
rs115060401	G	-0.0993
rs35327266	A	0.0203
rs61875867	T	-0.1055
rs12286841	G	-0.0271
rs73600883	A	0.108
rs117204111	A	0.0642
rs117875964	A	0.0576
rs528541	G	-0.0377
rs77356714	T	-0.0398
rs896618	C	0.0187
rs17149329	C	0.0257
rs11828775	T	0.0319
rs35079431	G	-0.0186
rs61886174	A	0.0402
rs11042886	T	0.061
rs117354535	G	0.1406
rs117362086	A	-0.0872
rs75213427	A	0.0433
rs17554190	T	-0.0612
rs10741709	T	-0.0207
rs72868559	G	-0.0959
rs9666564	T	0.0662
rs118140804	G	-0.0562
rs113439345	C	0.1136
rs11022334	T	-0.1025

rs150633834	T	0.0797
rs73014505	A	-0.0944
rs1879230	T	0.026
rs72991248	T	-0.0758
rs7115833	A	-0.0187
rs60899989	C	0.0644
rs80056995	A	-0.049
rs16910432	A	0.0912
rs80093907	G	-0.0375
rs11033750	G	0.0228
rs61879026	G	-0.078
rs76300755	G	-0.0373
rs297517	G	0.018
rs10430847	C	0.0405
rs139237371	T	0.0354
rs112259210	T	0.0346
rs613587	G	-0.0189
rs78461980	G	0.0887
rs115159835	G	-0.0692
rs77101028	T	0.0347
rs116846504	C	-0.0822
rs948010	G	0.0353
rs75012815	C	0.082
rs116865164	A	0.136
rs112357006	A	0.073
rs621452	C	-0.0263
rs16906358	A	0.054
rs11025422	G	0.017
rs77028828	A	0.061
rs10790256	T	0.0207
rs7108039	T	0.029
rs226121	C	0.0217
rs59897545	A	-0.0845
rs10891997	G	0.0194
rs554547	C	-0.0254
rs10840427	A	-0.019
rs1519414	C	-0.0187
rs7109636	T	-0.0355
rs260818	A	0.018
rs77578600	C	-0.1005
rs2954153	T	-0.0498
rs75556752	C	0.0328
rs11032754	C	0.0427
rs17138024	A	0.042
rs117769929	A	0.0637
rs553344	A	-0.0178
rs11217583	T	0.0315

rs11223497	G	0.0654
rs111595317	T	0.1146
rs117979538	G	0.0878
rs7483839	C	0.0204
rs11038293	C	-0.0218
rs667129	G	-0.04
rs1487186	C	-0.0458
rs7930554	C	-0.0222
rs77072870	A	0.1109
rs147821483	T	-0.0943
rs113614148	T	-0.0326
rs1516748	C	0.02
rs7109825	G	-0.0546
rs138386502	C	0.0457
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rs117822848	G	-0.0788
rs4753038	T	-0.033
rs7946525	A	0.021
rs71486379	A	0.0886
rs4930109	C	-0.0357
rs1942109	C	-0.074
rs12364489	C	0.0344
rs2245098	A	-0.0395
rs10838590	G	0.0206
rs67796742	G	-0.0214
rs1196045	C	-0.018
rs12788818	G	0.0191
rs146438508	C	-0.0838
rs6590780	C	0.0221
rs113566878	G	-0.0768
rs3017084	A	-0.0265
rs7124006	C	0.0249
rs61884288	A	0.0806
rs73037813	A	0.0651
rs16908748	G	0.0211
rs138381170	G	0.0649
rs79983599	G	0.0493
rs1502259	T	-0.0186
rs73017324	A	-0.0549
rs73515558	G	-0.0753
rs117306854	T	0.0262
rs630403	A	-0.018
rs145656231	T	0.0602
rs117657703	A	-0.0676
rs56221909	C	0.0339
rs11234697	A	0.0527
rs117391123	A	-0.0678

rs78554499	G	-0.0585
rs7951560	G	-0.0304
rs7116182	C	-0.0379
rs112908547	T	0.1126
rs73569246	A	-0.025
rs4938440	A	-0.0424
rs7124361	G	0.0568
rs10893475	C	-0.0292
rs1892988	C	-0.0212
rs117106743	A	0.1126
rs79082656	G	-0.0541
rs10892189	T	0.017
rs149476630	G	-0.1285
rs12419324	T	-0.0386
rs117940140	T	0.1082
rs4755153	A	-0.0211
rs12146649	A	0.0406
rs73011529	G	0.0536
rs11234889	T	-0.0303
rs72992521	G	0.045
rs4937320	G	0.0174
rs74788739	A	0.0729
rs12806874	A	-0.0236
rs72986529	G	-0.0847
rs1728905	T	-0.0293
rs11607952	A	0.0307
rs57610338	C	0.0304
rs17243650	C	0.0208
rs11232924	G	-0.0213
rs361281	T	0.0182
rs34583443	C	-0.032
rs150273520	C	0.1453
rs518852	A	-0.0174
rs78194335	C	0.0648
rs117818646	G	-0.1294
rs72867874	C	-0.0785
rs2168797	T	0.0174
rs1943342	T	-0.0191
rs79430699	A	0.0466
rs11602531	T	0.0245
rs651146	C	0.1636
rs140227132	T	0.1053
rs79885042	C	-0.1298
rs72975267	T	-0.0434
rs74542833	G	0.079
rs525999	A	0.0252
rs41344744	T	-0.1085

rs11030592	G	-0.025
rs11212268	A	0.0369
rs34528912	T	0.0785
rs140727983	T	0.1007
rs641883	C	0.0171
rs67530239	A	0.0294
rs56186807	G	-0.0441
rs11512485	A	0.0192
rs75742187	T	0.065
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rs139187785	A	0.0882
rs117543097	A	0.1315
rs72895225	A	-0.03
rs76059597	C	-0.0656
rs11263474	T	0.0493
rs77035758	T	-0.0907
rs35107281	A	0.0465
rs1557473	T	-0.0679
rs10765382	T	0.1024
rs4085404	A	-0.022
rs112072415	A	-0.0355
rs7951683	A	0.0232
rs7105701	A	0.0192
rs112398109	C	-0.1369
rs76517460	A	0.0639
rs74052975	C	0.0361
rs117885206	G	0.0693
rs12285280	T	-0.0496
rs858710	T	0.033
rs34180855	G	0.032
rs138283790	T	0.079
rs662733	C	0.0195
rs10834438	T	-0.0219
rs10742171	A	-0.0235
rs11602155	T	-0.0213
rs1892942	C	0.0167
rs111306546	G	-0.0907
rs11232515	A	0.034
rs4753542	C	0.017
rs139831408	T	-0.1064
rs112346370	G	0.1277
rs79304658	A	-0.0587
rs145559883	G	-0.082
rs80329144	C	0.0812
rs73000191	G	0.0871
rs111927106	A	0.0324
rs75087922	A	-0.0685

rs149690835	G	-0.0731
rs12577704	C	-0.041
rs16908233	G	-0.0984
rs34419699	A	-0.0222
rs61898801	G	0.0216
rs117790160	T	0.058
rs141626671	T	-0.1075
rs7102974	T	0.0826
rs12363857	T	-0.0225
rs71475941	A	-0.0993
rs147096633	A	0.1074
rs11032239	G	-0.0386
rs72940459	T	0.0252
rs10790289	C	0.0204
rs77797162	A	0.0476
rs56395100	C	0.0183
rs61903059	C	0.0309
rs112839394	A	0.0718
rs521241	T	0.0457
rs4301751	A	0.1051
rs77767485	C	-0.0327
rs11223081	T	0.028
rs554961	C	-0.0189
rs146464336	C	0.0952
rs72880701	T	0.0864
rs3026379	G	0.024
rs79877417	T	-0.0299
rs117556701	A	-0.0809
rs73510677	C	0.118
rs1784204	A	-0.0501
rs113405706	C	-0.0594
rs7129066	A	0.0217
rs4272815	C	0.0193
rs116968673	A	-0.0577
rs73006770	A	-0.0653
rs41268205	A	0.0546
rs6589732	A	-0.0181
rs10892826	G	0.1195
rs72904393	T	-0.0908
rs12807388	A	0.035
rs75358433	C	-0.047
rs12274491	C	0.1189
rs146581026	G	-0.066
rs117833085	T	-0.0814
rs72969219	T	0.0755
rs11603033	G	-0.0248
rs7951505	T	-0.0203

rs78669477	C	0.0662
rs10835070	C	0.0256
rs117376786	A	0.0681
rs80164632	A	-0.0534
rs77065326	A	-0.069
rs35839157	A	-0.0822
rs10836626	T	-0.0397
rs79602083	T	0.0998
rs34002809	A	0.0616
rs140697153	A	0.1153
rs11038084	T	-0.0373
rs2100059	T	0.019
rs73028946	C	0.0769
rs80168649	G	-0.1311
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rs12575595	T	0.0359
rs2468849	C	0.0301
rs61917843	C	-0.047
rs76781887	T	0.057
rs145910270	A	-0.0387
rs61888794	C	0.0367
rs4757846	C	-0.0179
rs674857	T	-0.0211
rs74629634	G	0.1117
rs112382545	A	-0.0556
rs12288048	G	-0.0424
rs59736862	G	-0.0312
rs76113217	T	0.0501
rs12792130	C	-0.0736
rs34125958	C	0.1352
rs72917777	A	-0.0249
rs3741399	A	-0.0399
rs72844737	C	0.0825
rs140841207	G	-0.0711
rs11600880	G	0.0579
rs61908265	A	-0.0283
rs143840904	T	0.0876
rs347776	G	0.0284
rs10128646	G	0.0219
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rs10750683	C	0.0165
rs11023064	C	-0.0169
rs12223081	G	0.0358
rs117388289	T	-0.1491
rs73633206	A	-0.0887
rs4622277	C	-0.0299
rs118157425	G	-0.0912

rs2461676	A	-0.0186
rs517960	C	-0.0197
rs117065527	G	-0.0497
rs75247236	A	0.0942
rs117915325	C	0.1247
rs11219835	A	0.0276
rs79264642	G	0.0517
rs4312055	A	-0.018
rs75300728	A	-0.0872
rs1674839	A	-0.0211
rs486616	C	0.0302
rs12786254	C	0.0814
rs77952721	T	0.0883
rs1219459	T	-0.0172
rs11227025	A	0.0452
rs77899339	A	0.0793
rs16928040	T	-0.1199
rs4757465	G	-0.0213
rs149265662	A	0.102
rs118100176	A	0.0639
rs117583883	G	-0.1206
rs73428479	G	0.0456
rs139862712	T	0.0949
rs2433417	G	0.0174
rs1145223	T	-0.0247
rs61875748	A	0.0414
rs117284601	A	-0.0518
rs11236645	A	0.0557
rs483046	G	-0.018
rs79056503	A	-0.0584
rs28690716	G	-0.0251
rs116981891	G	-0.0996
rs117055731	C	0.0837
rs117699377	A	-0.0533
rs67232843	T	-0.0276
rs61888782	G	0.0708
rs1723846	T	-0.0339
rs11214393	C	-0.0251
rs2852817	T	0.0651
rs17242300	A	-0.1113
rs80086566	C	-0.1621
rs7118839	C	-0.0246
rs73028171	T	-0.0918
rs11220894	A	0.0756
rs117635195	A	0.088
rs16936546	A	0.0806
rs140660952	T	-0.12

rs61893836	G	0.0712
rs11218250	C	0.0172
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rs75509134	A	-0.0407
rs142727117	G	0.1105
rs10833520	C	0.0223
rs34546457	C	-0.0795
rs10898807	G	0.0323
rs151242153	A	-0.1037
rs76987532	T	0.0869
rs75136202	T	-0.0805
rs71489907	T	0.0314
rs35921055	A	0.0727
rs116952565	A	-0.1018
rs117705784	A	0.1143
rs10742381	G	0.017
rs61897792	T	0.0425
rs3759046	G	-0.02
rs11607130	C	-0.0794
rs79372072	A	0.0667
rs10908200	A	-0.0231
rs12284762	G	0.0235
rs116890873	A	0.0632
rs11235689	T	0.0188
rs10831114	C	0.0418
rs631191	T	0.0668
rs76047256	C	0.076
rs117553016	A	-0.1061
rs75298242	C	0.1368
rs7103146	G	-0.0175
rs6589209	A	0.0164
rs59830164	G	0.0441
rs72963620	G	0.0229
rs142207714	C	0.0763
rs1387488	G	-0.0321
rs11038181	G	0.0222
rs11217539	T	-0.1287
rs12279199	C	0.0261
rs17505163	C	0.0994
rs10501316	T	-0.0225
rs11233481	A	0.0241
rs71486980	A	-0.0715
rs4587752	T	0.0178
rs1042577	T	-0.0179
rs2852183	T	-0.023
rs141934613	T	0.0729
rs4910130	A	0.049

rs1013651	C	-0.0204
rs78324081	T	0.1115
rs61879839	G	-0.0395
rs16916055	C	-0.0921
rs10891805	G	-0.038
rs7111257	A	0.02
rs151186304	T	0.0551
rs79790658	T	-0.1589
rs77639882	C	-0.0355
rs11033293	G	0.0249
rs9736939	A	-0.028
rs2851116	A	-0.0183
rs142615395	C	0.159
rs1377114	T	-0.0672
rs72926701	A	-0.1188
rs66733929	T	0.0193
rs75058072	T	-0.0313
rs7103008	T	-0.0392
rs1945839	T	0.0204
rs76389035	A	-0.0729
rs113446091	A	0.0604
rs907609	T	0.0279
rs139209349	T	0.1086
rs117568902	A	0.1231
rs10893121	T	0.0204
rs117483183	T	0.0883
rs77412627	C	0.0585
rs605260	C	-0.0229
rs148822556	T	0.0621
rs17608451	A	-0.025
rs71481912	A	0.0638
rs72945112	T	-0.0325
rs2508678	T	-0.0172
rs61897153	T	0.0721
rs3741122	T	-0.0181
rs1842921	A	-0.0168
rs718919	A	-0.0239
rs1457320	T	-0.0193
rs11236947	C	-0.0526
rs529911	G	0.0231
rs117543587	T	-0.0648
rs10891864	G	0.0197
rs11025977	C	0.024
rs507745	T	-0.0697
rs7945677	T	0.0178
rs10894376	C	-0.0178
rs1026345	C	0.0198

rs4143441	C	0.0194
rs75985072	C	-0.0696
rs7942858	A	0.0201
rs3740890	T	0.0198
rs12146674	T	-0.0837
rs57257053	A	0.0279
rs116906210	T	-0.0501
rs12806885	T	0.0219
rs16928055	C	0.028
rs149195525	A	-0.1237
rs482815	A	-0.0456
rs79627508	G	0.1182
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rs117156550	A	0.1012
rs150792202	A	-0.0515
rs7126242	A	-0.0484
rs1351639	A	0.0166
rs10830892	T	0.0305
rs73015224	C	0.0571
rs3812760	T	-0.0184
rs35408731	C	-0.0169
rs117883320	A	0.0503
rs35841799	T	0.0393
rs11827363	T	-0.0169
rs1144924	T	0.0225
rs55822685	C	0.023
rs72977876	T	-0.094
rs112117396	T	-0.0392
rs1297353	A	0.0222
rs79044879	G	-0.0812
rs12291774	A	0.101
rs1446197	T	0.0961
rs9666962	G	0.0278
rs10893893	T	0.0404
rs12808132	T	-0.029
rs61884337	T	-0.0476
rs34271604	T	0.0407
rs142117894	A	-0.0283
rs149776031	T	-0.0922
rs35543671	G	0.0708
rs113867958	T	-0.1024
rs13447680	C	-0.0714
rs10840596	C	-0.0291
rs11022212	C	0.0353
rs3136538	A	0.0252
rs118125324	A	-0.1014
rs79778855	G	0.0415

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rs12795264	C	0.0491
rs72952671	T	0.1337
rs2512483	T	0.0211
rs584715	A	-0.0181
rs78091106	G	-0.0736
rs142787711	G	-0.1398
rs904551	A	-0.0205
rs111648564	A	-0.0424
rs117295955	T	0.065
rs12271783	T	0.0427
rs146704570	A	-0.067
rs476702	C	0.0259
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rs1106305	T	0.0488
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rs118118478	T	-0.0298
rs35987532	T	-0.0656
rs61884100	G	0.0332
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rs138269720	C	-0.1149
rs77605594	T	0.0519
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rs2659615	T	-0.0216
rs7932160	C	0.0197
rs477756	C	0.018
rs73451401	T	-0.0578
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rs34037274	G	-0.0526
rs61754772	C	0.0574
rs145864091	A	0.0741
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rs10741557	A	-0.0269
rs10832711	C	-0.0428
rs35180589	G	-0.0861
rs75345748	A	0.032
rs61896861	A	-0.0861
rs35714133	T	-0.0371
rs12802248	C	-0.1002

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rs4988332	T	0.0862
rs117248270	A	-0.0599
rs7926246	T	-0.101
rs2511842	T	0.1057
rs77060567	G	-0.0682
rs11218038	G	-0.023
rs7109479	G	-0.0396
rs548046	T	0.0264
rs16917237	T	0.0199
rs7483929	A	-0.0727
rs36074402	A	0.0931
rs540218	A	-0.0232
rs2513552	G	-0.0192
rs341064	T	-0.028
rs28381700	T	-0.0738
rs12287206	T	0.0357
rs7936972	C	-0.0343
rs7938642	C	-0.0245
rs11028817	G	0.0214
rs139348385	T	0.0602
rs150589800	T	0.0949
rs16906014	T	0.0499
rs73525918	T	0.0786
rs115549946	A	-0.0884
rs72997915	A	-0.0669
rs118047890	A	0.1473
rs10770119	G	-0.0165
rs7934816	G	-0.0743
rs4122113	A	0.0709
rs12794889	A	0.0242
rs12799550	T	0.0664
rs684102	C	0.0412
rs4963159	T	0.0414
rs7105094	C	-0.019
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rs36095709	A	0.0528
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rs118046415	T	-0.0761
rs78832401	T	-0.0571
rs139964682	A	0.0865
rs906824	T	0.0169
rs676172	A	0.0291
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rs139116943	C	0.0648

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rs76730063	A	0.0808
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rs1027712	T	0.0269
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rs56101844	A	-0.0335
rs2030095	T	-0.0182
rs61885477	T	-0.0355
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rs66529968	T	0.0274
rs111961631	A	0.0618
rs146929030	A	0.0424
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rs7109758	C	0.0163
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rs116953085	T	0.0581
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rs73005704	G	-0.1269
rs73406163	G	-0.0954
rs10831663	C	0.0171
rs7929409	A	0.0223
rs11214446	C	0.1135
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rs10832063	C	0.0216
rs79050076	C	0.1044
rs12276422	C	0.0495
rs7931575	A	0.0294
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rs4589296	G	0.0172
rs11232573	G	0.0194
rs143671198	T	0.1007
rs640095	A	-0.0275
rs10750573	A	0.032
rs113809168	A	-0.0346
rs11033958	T	0.0221
rs11225324	T	0.0337
rs117089927	T	-0.0591
rs76888577	T	0.1
rs111430811	G	-0.069
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rs60573180	T	-0.0187
rs73556464	A	0.0857
rs77414189	C	0.0865

rs682254	T	-0.0173
rs11023629	A	0.092
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rs80125553	A	-0.0283
rs899115	G	0.0273
rs78431815	C	0.0817
rs11223144	T	0.0507
rs11246048	T	-0.0224
rs61885767	T	-0.0903
rs61876267	A	-0.0642
rs7117426	T	0.0653
rs12275909	T	-0.0721
rs78142580	T	0.0774
rs171271	A	-0.0166
rs77778909	C	-0.1081
rs473818	A	0.0193
rs7937180	A	-0.016
rs117633361	C	0.0601
rs11229550	C	-0.1239
rs10734398	T	0.0176
rs2847485	A	-0.0162
rs78399207	T	-0.1314
rs11022385	C	0.0181
rs80021234	G	-0.0972
rs61898345	C	-0.0231
rs74770106	C	-0.0373
rs17147354	C	0.037
rs111712151	T	0.0698
rs750271	T	0.0316
rs2214286	C	-0.0182
rs55647653	G	-0.0212
rs16917685	G	-0.0706
rs145072618	C	0.0839
rs117428458	A	-0.1003
rs74842303	G	0.0765
rs147049750	C	0.0474
rs115828669	C	0.1066
rs2605579	T	-0.0162
rs1630553	T	-0.0191
rs1017275	T	-0.0279
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rs113505924	T	0.1142
rs75534190	G	-0.0462
rs79994524	C	-0.0999
rs75509368	C	0.091
rs12221866	T	0.062

rs1125206	C	-0.0159
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rs662233	T	-0.0169
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rs117023976	T	0.0923
rs2001625	T	0.0187
rs73410935	T	0.0704
rs441613	T	0.0175
rs11033682	G	-0.0463
rs79579192	G	0.0509
rs111823021	C	-0.0491
rs61902188	C	-0.1177
rs56797102	G	-0.0614
rs72854309	T	0.0945
rs34061353	T	0.0725
rs1681464	A	0.0165
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rs74512832	T	-0.0305
rs12364918	A	0.0185
rs71482300	G	0.0709
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rs4929981	A	0.0286
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rs78733282	G	-0.098
rs1426845	G	0.0574
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rs45519931	A	-0.1347
rs231899	G	-0.018
rs1881717	A	0.0282
rs117096041	C	-0.1224
rs34176135	A	0.0174
rs143387685	G	-0.0475
rs78425446	G	0.0501
rs11230658	T	0.1349
rs36013257	A	0.0422
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rs35850577	T	0.082
rs78768620	T	0.1529
rs468153	G	-0.0295
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rs10895977	A	-0.0317
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rs34356287	G	-0.0234
rs7104324	T	-0.0176
rs1789377	A	0.0197
rs751974	G	-0.021
rs118000541	G	-0.1379
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rs113795980	T	0.075
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rs11234641	T	0.0185
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rs7115727	G	0.0193
rs17577608	T	0.0498
rs10899201	T	-0.0209
rs79390313	A	0.1019
rs1783673	T	0.1465
rs75780250	T	-0.0468
rs118129662	A	0.0883
rs34834193	A	0.0392
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rs144159369	C	-0.0828
rs640070	C	-0.07
rs10832911	G	-0.0221
rs4438046	G	-0.0177
rs118121010	T	-0.0876
rs60584339	G	0.1099
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rs117780284	T	-0.1106
rs17822155	T	-0.0876

rs646513	G	0.0178
rs78613190	G	0.0262
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rs141769277	G	0.0793
rs10768160	T	0.0163
rs1483400	T	0.0486
rs740006	C	-0.0353
rs9651736	C	0.0294
rs79374818	A	-0.0862
rs143040780	G	-0.0918
rs7113568	T	-0.0755
rs111630990	G	0.0707
rs61867597	A	-0.0673
rs4370937	T	-0.0196
rs35664907	G	0.0279
rs10898827	A	0.0238
rs72852402	C	-0.0214
rs35571160	C	-0.0414
rs2510948	G	0.0169
rs3852528	G	0.0404
rs12278428	A	-0.023
rs117592720	C	-0.0721
rs74456974	A	0.0367
rs7114176	T	0.0189
rs17808749	C	0.0477
rs148015410	G	-0.1357
rs146483938	G	0.0508
rs35859077	A	-0.0286
rs113968937	G	-0.1055
rs142844925	G	0.1052
rs116977016	T	0.0727
rs116923136	T	0.0637
rs12283830	T	-0.0288
rs149090782	T	0.1075
rs78849178	T	0.0789
rs7112550	A	-0.0196
rs116896039	C	0.0349
rs12574682	C	0.0496
rs78923422	G	0.0772
rs78271736	A	0.0589
rs34391693	T	-0.0466
rs2278845	G	0.0237
rs76488039	A	-0.0778
rs149992523	G	0.0711
rs7929943	T	0.0251
rs150866727	A	-0.0876
rs11217304	T	-0.0283

rs7128927	A	-0.0739
rs12272738	C	0.0257
rs11237658	C	-0.0202
rs138598673	T	-0.0227
rs117936904	T	0.0637
rs74805852	C	-0.0301
rs641392	T	0.0355
rs7939415	T	0.0376
rs78021764	C	-0.058
rs11233756	C	0.04
rs118114177	A	-0.0727
rs1240660	A	-0.0196
rs11605749	G	-0.021
rs78677031	T	0.0668
rs79066571	A	-0.0692
rs140632358	A	-0.0821
rs117779452	C	-0.1021
rs10793382	C	-0.019
rs10892548	A	0.0192
rs61902184	T	0.0258
rs1938770	C	0.0561
rs3019776	A	0.0502
rs11022338	T	0.08
rs11600430	G	-0.0197
rs58210741	G	-0.017
rs11032572	T	0.0233
rs56396869	A	-0.035
rs1648356	C	0.0287
rs117220557	C	-0.0596
rs331485	A	-0.0255
rs12292966	G	-0.0306
rs4503512	T	-0.0163
rs145542878	G	0.0872
rs2165662	G	-0.0164
rs11216566	G	-0.0185
rs61907924	A	0.0596
rs530740	A	-0.0239
rs116992148	G	-0.0898
rs117610243	A	-0.0656
rs2631437	G	-0.0162
rs61909568	C	-0.0927
rs1290815	A	0.0324
rs75314697	G	0.1018
rs146687301	T	0.0877
rs10835093	T	0.0309
rs12577784	G	0.022
rs117689213	T	0.1351

rs117216310	A	-0.0567
rs12796170	A	-0.0482
rs118050016	A	-0.0771
rs7109394	T	-0.0197
rs11037690	A	0.0165
rs76778918	T	0.0688
rs1531449	G	-0.0224
rs73012189	A	0.0873
rs11237157	A	0.0264
rs35188314	A	0.0558
rs141772901	A	0.0492
rs148692115	A	-0.1306
rs68176586	T	-0.0327
rs116904057	C	-0.1304
rs79109704	G	-0.074
rs1502276	A	0.0206
rs12289682	C	-0.0307
rs12785545	C	-0.045
rs6590109	G	0.017
rs4237677	C	-0.02
rs76501819	A	0.0433
rs4245129	A	-0.0326
rs75608237	G	0.05
rs55972551	G	0.023
rs115649540	T	0.046
rs10837343	A	-0.0349
rs1961578	C	0.0694
rs10769858	C	0.0178
rs61669782	C	0.0489
rs7114184	A	-0.0261
rs11825935	C	0.0224
rs117912008	G	-0.1005
rs77947017	T	-0.0549
rs10734222	A	-0.0189
rs2283170	G	0.0269
rs1389346	G	-0.0155
rs76695592	T	-0.1581
rs840717	C	0.0175
rs118081158	G	0.0928
rs72928753	T	-0.0966
rs143116232	A	-0.1344
rs73598666	T	0.0416
rs12803018	G	0.0329
rs78414122	T	-0.0687
rs35904890	T	0.0678
rs11022402	A	-0.0271
rs610966	A	0.0177

rs73516967	T	-0.0428
rs75147225	T	-0.0794
rs58136124	G	-0.0158
rs73017874	T	0.0456
rs11221083	T	-0.0234
rs11038227	C	0.0523
rs10834489	T	-0.0174
rs77797605	A	0.0704
rs473394	A	0.0706
rs6485511	T	-0.0988
rs75560388	A	-0.0633
rs1939536	C	-0.0894
rs73003075	A	0.0279
rs142574442	T	-0.1127
rs6578880	C	-0.0184
rs75362892	T	0.0569
rs148058401	A	0.0992
rs17140784	T	0.0997
rs117441822	C	-0.1013
rs592190	A	-0.0159
rs80244757	A	-0.0223
rs79713903	T	-0.0658
rs11025040	C	0.0236
rs140120157	T	-0.0651
rs2924694	C	-0.0223
rs596171	T	0.0628
rs74529420	C	-0.0338
rs68177612	C	0.0611
rs11605294	T	0.0803
rs78277055	T	-0.041
rs79563032	A	0.0482
rs67413817	A	-0.0452
rs61878835	G	0.0417
rs10793028	C	0.0177
rs7121808	A	0.0856
rs3776962	A	-0.1008
rs146971732	C	0.0751
rs117541425	C	-0.0399
rs117796564	G	0.1018
rs61904857	C	0.1366
rs12788624	T	0.0317
rs1841819	T	0.0204
rs72945669	C	0.0284
rs12272552	A	0.0241
rs17405661	T	0.0269
rs146170306	T	0.0667
rs308343	T	0.0235

rs3794176	T	-0.0203
rs74498740	T	-0.0484
rs2155138	T	0.0459
rs138262745	G	0.0615
rs17703233	C	-0.0304
rs142870061	A	-0.095
rs353619	A	-0.0185
rs2622432	G	-0.0314
rs145383300	T	0.0863
rs4935982	C	0.0158
rs78582585	T	0.0601
rs73518807	C	0.0184
rs2729888	G	0.0168
rs79684630	C	0.0332
rs72981746	T	-0.129
rs74873512	C	-0.0918
rs10500882	A	0.0171
rs118132858	A	0.0793
rs12416948	C	0.0177
rs75980958	T	-0.0311
rs680900	A	-0.0254
rs11606942	G	-0.0283
rs903212	A	-0.0545
rs36075284	T	-0.0322
rs12805294	T	0.0269
rs75386899	T	0.0998
rs79996587	T	0.0284
rs147450405	A	0.101
rs7926008	C	0.0205
rs76450704	C	-0.0562
rs140346759	A	0.0907
rs12787443	G	-0.0303
rs71475125	T	0.0647
rs17500380	C	-0.0384
rs75875278	A	0.111
rs78206388	C	-0.0269
rs7924357	A	-0.0371
rs148066866	A	0.1252
rs60098285	G	-0.0168
rs1502985	A	0.0779
rs140444798	C	-0.0512
rs112660184	T	0.0611
rs117505007	T	0.1039
rs76194871	A	-0.0757
rs142071106	C	-0.0888
rs114337026	A	0.0427
rs117722667	C	0.0531

rs76176349	T	-0.1026
rs77893104	T	-0.1643
rs141013495	T	0.0419
rs568769	C	-0.0262
rs113014013	G	0.0515
rs1815890	T	0.0257
rs151219	T	0.0194
rs11041354	C	0.0367
rs72910027	C	-0.0229
rs1038724	A	-0.0168
rs2411767	C	0.0325
rs74346547	A	0.0748
rs4579919	T	-0.0185
rs77343637	A	0.0651
rs756926	T	-0.0355
rs10838312	A	0.0183
rs137881640	A	-0.0715
rs112786765	A	0.0708
rs7939779	A	-0.0252
rs73415946	G	0.0496
rs4285907	A	-0.029
rs77203604	A	-0.029
rs76454170	T	0.0801
rs74707770	T	0.1096
rs146453114	C	0.1076
rs72956000	A	0.0316
rs75962665	G	-0.052
rs61899204	C	0.0891
rs12271074	G	0.1198
rs1487128	C	0.0172
rs67485448	G	0.0204
rs10898222	C	-0.0176
rs74365834	C	-0.0597
rs117153693	C	-0.0949
rs2232914	C	-0.1159
rs1944147	G	-0.0173
rs12421645	T	0.0407
rs55661779	A	0.0155
rs149140261	C	0.1197
rs113937651	T	0.1123
rs7115862	A	-0.0411
rs2018049	G	-0.0217
rs75676373	G	-0.0955
rs76382465	G	-0.0633
rs61892164	C	0.0193
rs11211822	C	-0.0161
rs73580058	C	0.0977

rs77944184	A	-0.0572
rs7118693	T	0.0265
rs7931178	A	0.0226
rs113298336	T	-0.0314
rs3020103	G	0.0183
rs12364944	A	0.0248
rs7126485	A	0.0155
rs7127451	G	0.0194
rs139945292	T	0.0336
rs79674371	G	0.0399
rs139751257	G	0.0853
rs11603007	T	0.0351
rs4480556	G	0.0269
rs76164081	C	-0.0328
rs77133751	A	0.0547
rs143224722	A	0.068
rs11042751	C	-0.0234
rs9804623	G	0.0186
rs145683548	A	0.09
rs10892624	A	0.025
rs11034855	T	0.0215
rs139990768	T	-0.0693
rs79842912	T	-0.0974
rs71479194	G	0.1222
rs72930190	T	0.0339
rs61894552	A	-0.1063
rs6590793	A	-0.0158
rs35705701	A	-0.0681
rs693245	T	0.0237
rs1077812	G	0.0398
rs111747030	A	0.0968
rs150381847	T	0.0888
rs11821721	A	-0.0181
rs117299784	A	0.105
rs151284092	C	-0.0716
rs11230749	T	-0.0241
rs80137430	T	-0.0268
rs17881703	A	0.0721
rs17758715	T	0.0883
rs142943115	T	-0.1232
rs728648	C	-0.0179
rs2049621	G	0.0311
rs7121743	C	-0.0213
rs142422309	A	0.1032
rs77862266	T	0.0357
rs7941205	A	-0.0165
rs139555931	G	0.0696

rs80352151	C	0.0884
rs61879028	T	0.0199
rs58389397	G	-0.0577
rs61887067	A	0.0192
rs140483411	C	-0.0518
rs11246002	A	0.0394
rs72557994	C	0.0887
rs10899630	A	-0.0287
rs12799386	C	-0.0287
rs34017912	T	-0.0393
rs11022586	T	-0.0374
rs80341393	T	0.0691
rs148856633	G	-0.0809
rs117398989	T	-0.1277
rs35917606	T	-0.0713
rs117791420	A	0.0911
rs11212827	G	0.0183
rs532150	C	0.0167
rs78629921	T	-0.0476
rs73454605	G	0.0248
rs35039974	T	-0.0204
rs78736654	G	0.1011
rs16915167	G	0.0661
rs78214132	C	-0.0287
rs77882974	C	-0.0998
rs61871200	T	0.016
rs117377975	C	0.0616
rs117434119	T	-0.0682
rs72993256	C	-0.0272
rs214086	C	0.016
rs117482735	A	-0.0959
rs658888	G	-0.0691
rs7109965	A	0.0639
rs74614290	A	-0.0498
rs16916714	C	-0.077
rs2848633	T	-0.0152
rs35736088	T	-0.0944
rs147990576	A	0.0933
rs4627106	G	-0.0185
rs35653277	A	-0.103
rs60689637	A	-0.0964
rs11529412	A	0.023
rs148713216	T	-0.0883
rs147907238	A	-0.0647
rs7928580	C	0.0411
rs149124416	A	0.0803
rs725925	A	-0.0178

rs2521572	T	0.043
rs6590458	C	0.0586
rs72868797	G	-0.0526
rs2005459	G	0.045
rs77864975	G	-0.0888
rs139867268	T	-0.0816
rs7130551	A	0.0275
rs28720266	C	0.109
rs3181327	A	-0.03
rs56172398	T	0.021
rs117522951	T	0.1101
rs72982879	A	-0.1374
rs71468372	G	0.0488
rs11223357	G	0.0257
rs150626634	C	0.0583
rs115598916	C	-0.044
rs117236352	A	-0.0534
rs72939553	C	0.0477
rs3781881	G	0.0176
rs10831728	T	0.0482
rs78205895	C	0.0574
rs61908088	G	-0.0813
rs7106815	C	0.0207
rs80089401	A	0.0578
rs77758327	G	0.0939
rs145964377	T	-0.0588
rs73018093	G	0.0828
rs146987046	T	-0.0655
rs61903708	G	-0.0227
rs73000741	A	-0.0537
rs75328993	A	0.0841
rs116851741	T	0.0712
rs1010716	A	0.0823
rs143793912	T	0.0819
rs113724481	T	-0.098
rs7130671	T	0.0165
rs12288210	C	-0.0322
rs11229049	A	0.0521
rs12360845	C	-0.0162
rs148502789	A	0.0919
rs11217528	C	-0.0176
rs11024356	G	0.0187
rs949222	A	-0.0176
rs3902912	C	-0.0199
rs45506896	A	0.0446
rs7948291	C	0.0496
rs13377284	A	0.0654

rs117439605	C	-0.1214
rs117830244	A	0.0459
rs10832710	T	-0.016
rs76590734	C	-0.0558
rs4754875	T	0.018
rs150994710	G	-0.0698
rs141553693	T	-0.0682
rs76980607	T	0.0793
rs17298656	T	0.0601
rs12285344	A	0.0211
rs72899681	G	0.0534
rs78825663	G	-0.0409
rs1520910	G	0.0177
rs117600371	A	0.0768
rs56287450	C	0.0498
rs147593751	C	-0.1362
rs12808517	T	-0.0188
rs492248	T	0.0165
rs117554112	A	-0.0907
rs12285808	C	0.0213
rs148841856	A	-0.0606
rs12363522	A	0.0366
rs10890563	T	0.0294
rs150294367	C	-0.0275
rs1386329	G	0.0211
rs11218597	C	0.0159
rs3741043	A	-0.0379
rs356245	A	0.0242
rs76274312	A	0.0874
rs143132183	T	-0.0708
rs117215048	T	-0.1092
rs2513526	G	0.0203
rs17307215	T	-0.0333
rs7108072	T	-0.0186
rs6484569	T	0.0164
rs145600616	T	0.1233
rs7930145	A	-0.0213
rs117886403	C	-0.0568
rs145077406	T	-0.0617
rs61317300	G	0.0959
rs12800533	A	-0.0154
rs113809260	A	-0.0364
rs149100878	C	-0.0978
rs1471757	A	0.0192
rs79237885	T	-0.0477
rs35206616	T	-0.0165
rs1320349	A	0.018

rs148226690	C	-0.0638
rs74962221	C	-0.0871
rs61908733	T	0.0474
rs7935946	T	-0.0394
rs11217648	G	-0.0201
rs4128665	T	0.0179
rs2106465	T	-0.0157
rs73031356	C	-0.0615
rs80121021	T	0.1082
rs75220080	A	-0.0498
rs75903070	G	0.1091
rs118128242	C	0.0873
rs12361913	T	0.0222
rs61919164	A	0.0335
rs12419366	T	0.0344
rs115714535	A	-0.1136
rs10791091	T	-0.0438
rs73010650	A	-0.0307
rs71483659	A	0.0426
rs80192254	C	-0.0662
rs11233220	T	-0.067
rs12577826	T	0.0247
rs11024763	A	-0.0366
rs17245678	C	-0.0595
rs7111919	T	0.0556
rs4573661	A	0.0163
rs10128691	A	-0.0294
rs79824397	A	-0.0964
rs59379441	T	-0.0756
rs7939968	A	-0.0164
rs112298355	C	0.0858
rs117759900	A	0.105
rs75295976	T	-0.04
rs117337060	T	0.0472
rs527554	T	-0.0205
rs34643760	G	-0.0788
rs149134555	G	-0.0896
rs17428526	G	0.0231
rs34953153	T	0.0368
rs494992	A	0.0184
rs4937856	A	0.0174
rs140788633	T	0.0887
rs7949500	G	0.0444
rs628041	T	-0.0186
rs77510550	A	0.0263
rs72961422	A	-0.0558
rs147799316	A	-0.0444

rs144620742	A	0.0533
rs1711431	T	-0.017
rs35222189	G	-0.0338
rs3741061	C	0.0207
rs111319463	T	-0.098
rs4929952	T	0.0208
rs917276	C	-0.051
rs117902206	T	-0.0341
rs11213089	A	0.0985
rs12272194	C	0.0194
rs117359860	A	0.1153
rs7943825	C	0.0207
rs149840098	C	-0.1141
rs1676882	T	-0.0196
rs61882925	C	0.0964
rs11232059	A	-0.0223
rs111649592	C	-0.0733
rs77723909	A	-0.0831
rs12274650	T	-0.0768
rs11032472	A	0.0292
rs76941929	A	0.0944
rs118011998	T	-0.0728
rs61872472	C	0.0574
rs12289508	C	-0.0173
rs148060115	G	-0.0694
rs11213912	T	0.026
rs75647801	G	-0.0859
rs11021021	A	-0.028
rs73540342	A	0.0627
rs545657	G	-0.0149
rs1783195	T	0.0219
rs35717264	C	0.0819
rs16910878	G	-0.0289
rs139398229	G	0.1099
rs75033949	G	-0.0602
rs2510708	C	0.0152
rs554773	A	0.032
rs138714897	C	0.0985
rs72995548	T	0.0629
rs75199173	G	-0.0409
rs77834877	A	-0.0719
rs12282254	T	-0.0319
rs117746507	T	-0.0658
rs117602336	C	-0.0772
rs61015848	T	0.041
rs12223538	A	0.0198
rs150254790	C	-0.0768

rs76129172	G	-0.0908
rs74834885	G	0.1145
rs144542383	A	-0.0574
rs76831420	T	-0.0772
rs35084312	T	-0.0179
rs71489921	T	0.0278
rs55679016	G	0.0518
rs80267960	G	-0.0299
rs11019603	T	-0.0699
rs117022167	A	0.0531
rs112748280	T	0.0975
rs75919952	T	0.039
rs61882408	A	0.1187
rs1943620	A	0.0156
rs11216026	G	-0.0176
rs76814754	T	-0.0574
rs140599732	T	0.0693
rs12803377	A	-0.0166
rs1698879	A	-0.0151
rs12016678	C	0.0189
rs12365019	G	0.0242
rs78137992	G	0.0555
rs1994398	G	-0.0197
rs17234644	C	-0.0862
rs117976741	A	0.077
rs4937731	T	-0.0163
rs56338557	C	0.0927
rs77028773	A	0.0556
rs76283911	G	-0.0445
rs289979	C	-0.0535
rs7942252	A	0.0332
rs78374103	C	0.0495
rs6592592	G	0.03
rs11605952	A	-0.0475
rs73026346	G	0.0914
rs4450184	C	-0.0656
rs73582317	T	0.0599
rs73018499	G	0.0647
rs79247973	G	0.0582
rs66838503	G	0.0218
rs79603699	G	-0.1149
rs61900472	A	0.1226
rs2266630	C	-0.056
rs1948191	G	0.1041
rs61891077	A	-0.0518
rs117180245	A	0.1149
rs10792478	T	0.0164

rs4488202	G	0.0183
rs80032940	A	-0.0435
rs11606832	C	-0.0414
rs56810451	T	0.1017
rs72877029	G	0.0514
rs2896670	A	-0.0157
rs117884485	T	0.0457
rs34723406	A	-0.0445
rs4360730	C	0.0352
rs116849993	C	0.1096
rs11029462	T	0.0572
rs41493045	C	0.032
rs61876177	G	0.0222
rs10743067	A	0.0186
rs10160291	C	-0.0207
rs72989331	A	0.0919
rs76141864	G	0.0738
rs77659628	T	-0.0722
rs7104675	G	0.0149
rs140230323	A	-0.0894
rs141001449	A	-0.089
rs11219928	A	0.1116
rs11211988	G	-0.0887
rs722344	T	0.0384
rs10765577	A	0.0152
rs1531778	T	0.0255
rs73009150	T	0.0577
rs116954303	A	0.073
rs117302185	C	-0.0619
rs72919107	A	-0.0688
rs7936606	T	-0.029
rs142881764	G	-0.0799
rs896335	T	-0.0325
rs112281302	C	0.1058
rs7928484	G	0.0149
rs7947714	T	0.0161
rs76505035	A	-0.0903
rs3893083	G	0.0201
rs72867493	C	-0.0578
rs10790898	T	-0.0189
rs71489909	A	0.0463
rs74676680	G	-0.0897
rs6592774	T	-0.033
rs17099287	C	0.0306
rs55732300	G	0.0441
rs12278869	C	0.0398
rs73566030	T	-0.0252

rs59722096	A	0.0264
rs143041020	C	0.0769
rs835819	G	0.0425
rs485645	C	0.0173
rs17596129	C	0.0364
rs10893363	G	-0.0423
rs56297151	T	0.0742
rs61885790	T	0.0167
rs607419	C	-0.0168
rs111885243	T	0.0177
rs113879779	A	-0.1446
rs144347583	T	-0.0647
rs10831624	G	-0.0148
rs143665202	T	0.0819
rs10894623	T	0.0175
rs7478946	C	-0.0165
rs59406893	G	-0.03
rs11229065	T	-0.0445
rs17693733	G	-0.0164
rs11024779	A	0.0238
rs10894161	A	-0.0188
rs11605016	G	0.0149
rs899303	A	0.0153
rs75336727	C	0.0667
rs77083949	T	0.0336
rs12280935	C	0.0148
rs73003836	T	0.0348
rs61912830	T	-0.0341
rs78093004	T	-0.0975
rs67508732	T	0.0193
rs2464436	G	0.0165
rs7114909	C	-0.0227
rs72969044	A	-0.0945
rs112909021	C	0.0599
rs617977	C	0.0222
rs4753979	C	-0.018
rs118007448	T	0.0884
rs179486	A	0.0396
rs11024968	C	-0.0384
rs147545129	C	-0.0538
rs1944875	A	-0.0205
rs7948900	C	-0.0294
rs4445597	T	-0.026
rs117663340	T	0.1186
rs224630	T	0.0163
rs117620646	A	-0.0703
rs117874375	T	0.088

rs76235142	A	0.0242
rs149777408	T	0.104
rs118037143	C	-0.0778
rs2460827	C	0.0679
rs146387153	G	-0.1079
rs7106798	A	0.0392
rs7942430	C	0.0158
rs61889593	C	0.0447
rs75662220	T	0.0747
rs12283881	T	-0.0253
rs4609584	G	0.0277
rs10892610	G	0.0217
rs117673887	T	-0.0837
rs10831917	A	-0.0159
rs73605052	G	0.0611
rs2091738	T	0.0183
rs75824230	T	0.0326
rs11041536	C	0.0254
rs118073706	A	-0.0563
rs117334295	T	-0.0713
rs35636293	A	-0.0298
rs12146606	G	-0.0337
rs61425946	G	-0.045
rs12806668	G	-0.1092
rs78051535	G	0.0257
rs115374587	G	-0.0415
rs4304747	T	0.0155
rs11215724	A	0.0154
rs73012301	G	-0.0568
rs7118819	C	-0.0179
rs61887619	G	-0.0217
rs150505844	G	0.0778
rs34905096	A	0.027
rs61884310	C	0.0224
rs10892306	A	0.0359
rs7949833	G	0.0601
rs117552957	T	-0.1115
rs4753668	T	-0.0173
rs11222172	A	0.0424
rs2927203	A	-0.0228
rs4517559	C	-0.0154
rs77404782	T	0.0621
rs61895238	C	-0.0834
rs72843910	T	-0.0623
rs7105823	T	0.021
rs74771917	T	0.0548
rs10891566	G	0.0256

rs612823	C	-0.0167
rs17257330	T	0.0541
rs73023222	C	-0.0245
rs116374789	C	-0.0666
rs118025421	G	0.0464
rs12221968	A	0.0169
rs1552447	C	0.0248
rs79168180	C	-0.0771
rs12361573	T	0.0422
rs72864645	A	0.032
rs7938111	T	-0.0168
rs11223504	A	0.0221
rs12275238	G	-0.0185
rs72872942	T	0.0658
rs112954574	T	-0.067
rs2512683	T	-0.0602
rs140458782	A	0.0421
rs138930523	A	-0.0782
rs35997501	T	-0.0295
rs111836942	A	-0.065
rs11029725	T	0.0589
rs1020578	C	-0.0184
rs150923327	A	-0.0743
rs641418	T	-0.025
rs11026150	T	-0.0697
rs78607024	T	0.0582
rs174569	C	0.07
rs73502634	C	-0.0356
rs7106492	A	-0.0263
rs17828500	A	0.0341
rs72907408	T	-0.0449
rs117585660	G	-0.0535
rs117358380	T	0.1094
rs12418021	C	0.0598
rs148211244	A	-0.1099
rs36067212	C	0.0152
rs71479994	A	0.046
rs2293241	C	0.0161
rs78169211	A	-0.0604
rs10751655	T	-0.0221
rs117577496	A	-0.0455
rs117534091	T	0.1153
rs12293331	C	0.0307
rs56387340	C	-0.0658
rs117209876	A	0.0943
rs17856376	G	0.0301
rs11041435	G	0.0318

rs147029653	C	0.0889
rs117451734	G	0.0878
rs77584792	T	0.0792
rs12804771	C	-0.0178
rs76509551	C	-0.0192
rs145888973	A	0.0556
rs77337641	A	-0.0732
rs2708509	G	0.021
rs12798277	T	0.0469
rs1942885	C	0.0163
rs117432011	G	0.0542
rs112364237	T	-0.1097
rs144779019	T	-0.0654
rs482601	C	-0.0176
rs11827225	C	0.0233
rs10741536	T	0.032
rs10837638	C	0.0251
rs10892637	C	0.0171
rs61868364	C	0.021
rs77721152	G	0.042
rs74655209	T	-0.0288
rs56729851	A	0.0199
rs11601815	T	-0.0379
rs75008443	T	-0.1283
rs117105094	A	-0.0675
rs11234579	T	0.0155
rs10894862	G	-0.0164
rs11224098	G	-0.0224
rs7106223	A	-0.0192
rs4466848	A	-0.0175
rs75346522	C	0.0316
rs80251407	C	0.0258
rs78907061	T	-0.0569
rs139470729	G	0.1029
rs72995678	C	0.0235
rs117420229	A	0.0685
rs11221432	C	-0.0547
rs79880613	A	-0.0228
rs10742614	C	-0.0196
rs61885257	T	-0.1128
rs144307663	C	-0.0755
rs72977423	G	0.0488
rs78358306	C	-0.0589
rs72850951	A	0.0554
rs74902508	T	0.0404
rs6589538	A	0.0156
rs117880051	A	-0.0655

rs7482257	T	0.0164
rs142808910	C	-0.089
rs117884294	T	-0.0879
rs7396026	T	0.0403
rs34892008	T	-0.0194
rs17553192	C	0.1153
rs2658575	A	-0.015
rs77349428	G	0.0604
rs73010499	A	0.0271
rs117222887	A	-0.0675
rs12574703	A	-0.0347
rs1881237	G	-0.043
rs11606056	G	-0.0973
rs11221339	C	-0.0982
rs118158147	G	-0.0422
rs76215014	T	0.1039
rs3741123	A	-0.0367
rs17337418	T	0.0422
rs79556432	T	-0.0716
rs12284250	G	-0.0465
rs11035247	C	-0.0172
rs146457656	G	0.0567
rs139592124	T	-0.068
rs117006164	C	0.0502
rs138755001	T	-0.0964
rs4756684	T	0.0171
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rs1606273	A	0.0156
rs72908166	T	-0.025
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rs117087213	T	0.0511
rs326740	C	0.0153
rs77725975	G	0.0469
rs1994318	C	0.0154
rs11026047	A	-0.022
rs75920859	C	0.0896
rs3937838	T	0.0416
rs80021647	T	0.0452
rs150259345	G	0.0553
rs7116982	C	0.0238
rs117627752	T	-0.1254
rs2729843	C	0.0168
rs73020279	T	-0.1015
rs117413208	A	-0.0815
rs73031519	T	-0.074
rs117435403	T	0.1135

rs142874782	A	-0.0864
rs74468168	A	0.0496
rs483313	C	0.0149
rs72980431	C	0.0359
rs12802026	T	-0.0338
rs117966147	C	0.058
rs72864596	T	0.0606
rs17142715	G	0.0736
rs74996798	C	-0.061
rs576873	T	0.0155
rs61897663	A	0.0231
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rs145971442	T	0.0711
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rs75435797	T	-0.0313
rs76581523	C	0.0818
rs11827598	G	0.0209
rs76327758	A	-0.0304
rs10837959	T	0.0196
rs1600222	T	-0.0294
rs2037197	T	0.0185
rs3781799	G	0.0234
rs10839910	T	0.0284
rs17860571	G	0.0163
rs17106464	T	0.0328
rs34394447	C	0.0815
rs11221085	C	-0.0181
rs7116879	C	0.0222
rs11601352	A	0.0378
rs11226114	A	-0.0449
rs72862623	G	-0.0444
rs80150070	A	0.0755
rs146690670	T	0.0578
rs12797500	C	-0.0634
rs713216	A	-0.0189
rs61909977	C	-0.06
rs147805317	T	-0.0799
rs79379157	C	-0.0399
rs890146	A	-0.0179
rs754532	A	-0.0156
rs890129	T	0.0179
rs11601236	C	-0.0706
rs1786708	C	0.0275
rs78183139	G	0.0419
rs3741259	T	-0.0257
rs1320646	T	0.0168
rs34439245	T	0.0143

rs12785375	G	0.0146
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rs4938845	A	-0.0154
rs9971544	C	-0.0155
rs79783241	C	0.0631
rs117090535	C	0.072
rs11222339	A	-0.0313
rs10894831	G	-0.0242
rs12223897	T	-0.0298
rs117302342	T	0.0388
rs35241181	G	0.0982
rs16928387	G	-0.0987
rs74664498	T	-0.0334
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rs11032438	G	0.0256
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rs17880914	C	-0.0388
rs2458773	C	-0.062
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rs71463738	G	-0.0167
rs4300370	A	0.0649
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rs10832517	T	0.0427
rs12803733	G	-0.0426
rs12276295	T	0.0185
rs644589	T	0.0231
rs10834744	G	0.0192
rs61914662	T	0.0205
rs12289723	C	-0.0155
rs1939707	C	0.0166
rs28663140	C	0.0162
rs10790212	T	-0.0171
rs77346511	T	0.0721
rs1032777	C	0.0152
rs118172907	A	-0.0632
rs12417053	G	0.0682
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rs78880444	C	0.0312
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rs35929108	A	-0.0324
rs77257362	C	-0.0447
rs658623	C	-0.0351

rs75782395	A	-0.0326
rs7128434	A	0.016
rs11220358	G	0.0248
rs697316	G	-0.0162
rs4485130	G	0.0435
rs12791474	T	-0.0182
rs76282688	G	-0.0297
rs34619944	T	0.0375
rs142092962	T	0.0524
rs7931095	T	-0.0182
rs74378971	G	0.0915
rs75053190	G	-0.094
rs11232902	C	0.0304
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rs4570592	G	0.0145
rs71465403	C	-0.0848
rs55924390	G	-0.0333
rs7952713	G	-0.0188
rs117650775	A	0.151
rs79174789	A	-0.1201
rs76736053	C	0.074
rs7947746	C	-0.0147
rs150379279	G	0.0986
rs138111261	T	0.0893
rs78755140	C	0.0461
rs11026582	T	-0.0312
rs149821610	A	0.0842
rs308873	T	0.02
rs11225103	G	0.0176
rs146102556	G	0.0551
rs17118714	G	-0.0462
rs117028992	T	0.1146
rs2257198	A	-0.0212
rs78799917	A	-0.0418
rs117248558	C	0.0962
rs416258	C	0.0154
rs35420760	A	-0.0272
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rs12365956	A	0.0243
rs10732847	T	-0.0161
rs56105259	A	-0.0416
rs145048844	G	-0.0362
rs117532258	T	-0.1034
rs72925042	A	-0.1208
rs485702	C	-0.0896
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rs11230579	A	0.0426
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rs73465816	A	0.068
rs117279020	A	-0.0497
rs1893361	A	-0.0196
rs117702486	T	0.1012
rs78408156	T	0.0453
rs116862845	A	0.0624
rs117578765	T	0.0659
rs117427476	A	-0.084
rs2140930	G	0.0159
rs2724407	T	0.0235
rs11246121	A	0.0297
rs2755153	G	-0.0234
rs11606322	G	-0.0526
rs78431668	T	0.0482
rs79095686	A	-0.0838
rs73032504	A	0.1148
rs79926725	T	-0.0314
rs117607645	T	-0.1155
rs150815558	T	-0.0898
rs7119203	A	0.0194
rs117675307	C	0.0872
rs835993	G	-0.0158
rs75699309	A	0.0434
rs1793025	A	0.0182
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rs12796979	G	-0.0705
rs117322632	G	0.0491
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rs17570295	A	-0.0345
rs11604461	C	-0.0299
rs17130119	T	0.0455
rs146336253	C	-0.0643
rs616930	C	-0.0142
rs117028685	A	-0.046
rs77125023	T	0.0895
rs113959093	G	-0.0756
rs10893811	G	0.0149
rs76465283	A	-0.0638
rs56037551	A	0.0548
rs2625335	T	-0.0746
rs117723062	A	0.0899
rs77947712	T	0.0534
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rs12800898	G	-0.0155
rs74685021	G	0.0447
rs139920005	C	-0.0582
rs2303863	C	-0.0154
rs35478470	A	0.0319
rs117553108	A	0.0586
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rs76199063	A	-0.0296
rs149072527	T	0.0834
rs11571184	A	-0.0609
rs142474020	A	0.0817
rs118069888	A	0.0701
rs139954031	A	0.0681
rs58706519	G	0.0299
rs7120142	T	-0.0181
rs78880326	T	0.0782
rs79100584	C	0.0922
rs150276002	A	-0.0539
rs10769026	C	-0.0212
rs74047738	C	-0.0337
rs2640224	T	-0.0496
rs74647484	C	-0.0955
rs72916135	G	-0.0723
rs1792532	A	0.0217
rs141353875	A	0.1118
rs41302435	A	-0.0892
rs75842589	T	-0.0804
rs146664631	T	0.073
rs80157879	T	0.1006
rs146207771	T	-0.0417
rs116853135	T	0.1297
rs78446629	A	-0.0478
rs117744208	T	-0.0444
rs2213887	A	0.0536
rs79438405	G	-0.0618
rs113301831	T	0.1104
rs2036065	T	0.0777
rs60016486	A	-0.0214
rs117834121	T	0.1651

rs12805626	T	0.0269
rs11221507	C	-0.0298
rs11603798	C	0.0872
rs11021925	T	0.0415
rs171269	T	0.0252
rs2846797	T	-0.0157
rs139091555	G	0.0765
rs4397827	C	0.0196
rs72852112	T	-0.1149
rs4469890	A	0.0384
rs34940361	A	0.0342
rs112526546	T	-0.0322
rs1917496	T	-0.0176
rs139641310	C	0.0482
rs7950276	C	0.0157
rs17232653	C	-0.0231
rs4938293	T	-0.0176
rs72846309	A	0.0287
rs12290514	G	-0.0851
rs10765863	A	-0.0187
rs11028833	T	0.0262
rs73018778	A	0.0417
rs55741400	A	-0.1049
rs67059717	T	-0.0187
rs72867529	A	-0.073
rs34180075	T	0.1063
rs75646144	A	-0.0971
rs73009445	A	0.0401
rs1522677	C	-0.0141
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rs78272617	C	-0.0622
rs137931356	C	0.0586
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rs61901400	A	-0.0389
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rs11038176	C	-0.0172
rs61908633	G	0.103
rs117738999	C	-0.0587
rs4754652	G	0.0274
rs11225894	A	0.0373
rs35553134	A	0.0359
rs11220347	A	-0.0735
rs695127	A	0.0178
rs16928429	C	0.0332
rs579078	C	-0.0224
rs4354672	A	0.0624
rs146470594	G	-0.0436

rs79613121	G	0.0448
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rs139335095	T	0.0415
rs78335256	C	0.0523
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rs74793441	G	-0.0904
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rs519218	G	0.0325
rs10742978	C	-0.0188
rs79188579	C	-0.0376
rs11827379	G	-0.056
rs72971829	G	-0.0568
rs10501466	G	-0.0477
rs79930830	G	-0.0633
rs10791357	A	-0.02
rs9666212	C	0.0181
rs12270283	T	0.0278
rs149687208	G	0.0989
rs10766378	C	0.0212
rs116967717	T	-0.1204
rs2957497	A	0.0144
rs77119012	A	0.0771
rs56355354	G	0.023
rs77494614	G	0.0567
rs117370582	G	-0.0854
rs116943269	G	-0.0545
rs116880336	T	-0.0976
rs10830302	C	-0.0403
rs145469063	T	0.0657
rs6578920	T	0.0333
rs77015885	A	-0.0533
rs11218492	A	0.0137
rs75575592	T	-0.1187
rs79165905	A	0.0847
rs11223264	T	-0.0161
rs57547788	C	-0.017
rs2403580	T	0.0588
rs117419690	C	-0.0475
rs1945418	G	0.0156
rs6485453	C	0.0149
rs1557456	C	0.0171
rs117644106	T	-0.0774
rs508047	A	0.0168
rs112002597	C	0.019
rs1540121	T	-0.0556
rs11029948	T	-0.0206

rs12421028	T	-0.0727
rs117254021	G	0.0473
rs3892569	A	-0.0407
rs1452481	T	-0.0819
rs112697208	C	-0.0289
rs34661987	C	-0.0773
rs61905271	A	-0.0496
rs7109463	C	-0.0401
rs16932946	A	-0.0249
rs2905517	G	0.0138
rs11216445	T	0.0582
rs2403322	A	0.0225
rs4237723	C	0.0149
rs117784317	A	0.051
rs2128118	T	-0.0201
rs11020917	T	0.0334
rs11223404	T	0.0209
rs12417677	A	0.0453
rs61887548	C	-0.0724
rs61882049	C	0.029
rs112183236	T	0.0316
rs498931	G	-0.0213
rs11223299	G	-0.0195
rs72866839	T	-0.1447
rs76491641	A	0.0365
rs117331926	G	0.0575
rs4397837	A	-0.014
rs976946	A	-0.0145
rs117780024	T	0.1039
rs1670620	G	0.0151
rs77241001	T	0.0452
rs726533	C	-0.0155
rs17425774	C	0.0824
rs117673183	G	-0.0662
rs79314773	T	-0.0686
rs4245124	A	-0.0166
rs118132618	G	-0.0819
rs141495624	A	0.0907
rs425126	G	0.1069
rs16908711	T	0.0473
rs80158073	A	0.0784
rs34286087	C	0.137
rs76788116	G	-0.0426
rs76591532	A	0.0362
rs72945839	T	-0.1109
rs3847548	G	-0.0185
rs73020470	C	0.0421

rs12798276	C	-0.0226
rs1783920	G	-0.0421
rs61911650	G	0.0453
rs117488501	C	-0.068
rs138404240	A	-0.065
rs17670852	A	0.0313
rs77179017	G	0.0805
rs117461218	G	0.0596
rs79905194	A	-0.0826
rs17272751	G	0.02
rs1881238	A	0.0217
rs2197672	A	0.033
rs145478334	G	-0.1165
rs7120763	C	-0.0376
rs35412270	G	0.0517
rs56298814	C	-0.0513
rs61911251	G	-0.0418
rs11263651	C	0.0195
rs7481343	C	-0.0178
rs7936016	G	0.0262
rs11215465	G	-0.0154
rs74889859	T	-0.0703
rs118007926	C	0.053
rs117829219	T	0.0294
rs61900330	A	0.025
rs117752934	A	0.0924
rs73008834	C	-0.0624
rs79723893	G	-0.0356
rs1350418	A	0.0252
rs11219644	G	-0.0196
rs2462166	A	0.0173
rs34596362	C	0.0456
rs34446357	T	0.0892
rs72853326	C	0.112
rs149575965	G	0.0907
rs71456319	G	0.033
rs11021828	T	-0.1376
rs72891868	A	0.0259
rs16907456	G	0.0607
rs16911848	A	-0.0594
rs77745853	A	0.0719
rs74872104	A	0.0687
rs590306	A	0.0164
rs7929019	T	0.0149
rs58281741	C	0.0146
rs149375606	G	0.0781
rs1108539	C	0.0168

rs77907294	T	0.0318
rs117068162	C	-0.0458
rs145247878	T	0.0899
rs116962591	T	0.0599
rs117552856	T	0.0824
rs80310558	T	0.0636
rs12787263	G	0.0158
rs12281809	G	0.0228
rs4076157	G	0.0154
rs79527470	T	0.075
rs113906531	G	-0.0388
rs12272479	G	0.0162
rs9736609	A	0.0227
rs11040781	G	-0.0925
rs73024206	A	-0.0466
rs140991929	G	0.0281
rs12283255	T	-0.0144
rs148635523	C	-0.0475
rs12288694	C	-0.0963
rs117291869	T	0.0477
rs17144481	C	-0.027
rs56361518	A	-0.1237
rs80111499	G	0.1038
rs117794084	T	0.0732
rs10893761	G	-0.0152
rs11601503	T	0.0186
rs9804460	T	-0.0643
rs10832183	C	0.015
rs149917305	T	-0.046
rs11603948	A	0.0196
rs113284798	A	0.0681
rs147017689	T	-0.1076
rs145942565	T	0.1264
rs75273786	A	0.0428
rs11025117	C	-0.0184
rs12277860	T	-0.0214
rs4144867	G	0.0143
rs2084308	T	-0.0769
rs11215517	A	0.0275
rs35266957	T	0.0496
rs55642630	G	-0.0407
rs514112	G	0.0177
rs78529194	A	-0.0861
rs1818736	T	0.0171
rs16916438	C	0.1037
rs117267863	G	-0.0533
rs7944079	A	-0.0236

rs4237606	T	0.0184
rs450876	A	-0.0136
rs1150230	A	0.0139
rs77102429	A	0.0563
rs7112599	G	-0.0409
rs80310246	T	-0.0364
rs139912558	G	0.0607
rs10501830	T	0.0938
rs10497404	A	0.0197
rs35950339	C	0.0259
rs4363612	G	0.0194
rs61881144	T	-0.0276
rs12282252	G	0.021
rs7946311	G	0.0991
rs10831461	A	0.0573
rs57235399	C	-0.0572
rs2129531	G	0.0164
rs3867277	T	-0.0139
rs637404	C	0.0206
rs1939900	T	-0.0266
rs11022383	G	-0.0253
rs35478925	T	-0.0208
rs3751075	A	0.0216
rs17654297	C	-0.0605
rs79936530	A	-0.0268
rs4237772	T	-0.0148
rs649196	G	0.0146
rs73034503	A	0.041
rs34034578	T	0.0231
rs75723458	C	0.0623
rs117933779	T	0.0641
rs17566737	C	-0.0322
rs7102200	A	-0.0139
rs117462581	T	0.0942
rs78392734	A	0.0594
rs150439352	A	-0.0824
rs645935	T	-0.0202
rs35304163	T	0.071
rs10792678	A	0.0143
rs72958688	C	0.0245
rs11605471	C	0.0431
rs11238030	T	0.0214
rs76015425	A	0.1386
rs35706972	A	0.0714
rs1044281	T	-0.0215
rs11229268	G	-0.0276
rs117462466	T	0.0452

rs11222717	T	0.0658
rs901036	C	0.0378
rs112828294	T	-0.0394
rs117823608	T	0.1288
rs66886392	A	0.0335
rs117311376	T	-0.0648
rs61912375	G	-0.0162
rs4945436	T	0.0364
rs73014347	A	-0.019
rs12800906	A	0.0186
rs113716419	G	-0.0551
rs10790210	G	0.0148
rs11236270	A	0.0929
rs7129006	G	-0.0134
rs10838383	G	0.0547
rs4601790	G	0.0153
rs149697995	G	-0.13
rs4757294	T	-0.0213
rs11603493	T	0.0431
rs113031616	T	0.1205
rs61875749	G	-0.0364
rs11212925	G	0.0315
rs73576572	A	-0.1104
rs61908692	T	0.064
rs61883790	C	-0.078
rs76200167	A	0.0756
rs79675423	G	0.0395
rs11222865	G	0.0442
rs77245298	A	-0.1039
rs1000255	G	0.0153
rs4281495	A	0.0327
rs9988887	G	-0.0684
rs11263565	C	-0.0414
rs754934	C	0.0166
rs75069565	C	0.0596
rs11828484	G	0.0144
rs151178852	A	0.0674
rs112098193	A	-0.0768
rs143157108	T	-0.0874
rs34207405	C	0.054
rs6606643	G	0.0655
rs494463	T	-0.0164
rs76425189	G	0.0459
rs76865178	G	-0.0574
rs72997454	G	-0.0423
rs11028637	C	-0.0179
rs76264184	A	-0.0295

rs11212259	T	0.0276
rs12278792	C	-0.0539
rs117516579	T	-0.0223
rs6589864	G	-0.0297
rs12284912	A	-0.0152
rs12721041	T	0.0984
rs58961916	A	0.0558
rs144671591	A	0.0915
rs10893522	T	0.0516
rs10894844	T	0.0234
rs1106866	A	0.0185
rs72886840	A	0.1101
rs10837070	G	0.0143
rs75153210	T	0.0429
rs2246352	A	-0.017
rs1107255	C	-0.0197
rs78697829	G	0.0644
rs113743142	A	0.0507
rs10894343	A	0.015
rs1994976	G	0.0144
rs58481844	C	0.0225
rs17438970	G	0.0454
rs10450613	G	-0.015
rs73018230	T	-0.031
rs583638	A	-0.0916
rs7129426	A	-0.0314
rs11025123	T	0.0272
rs143232875	A	-0.1205
rs12785467	T	-0.0134
rs80227365	A	0.0398
rs11232255	C	0.0378
rs2412382	C	0.0272
rs72652900	A	-0.0763
rs55923122	C	-0.0299
rs75869178	T	-0.09
rs118188287	T	-0.0711
rs7106602	T	0.0556
rs2445247	C	-0.0137
rs1817406	C	0.0137
rs79228319	C	-0.0425
rs150106174	A	0.0972
rs117761501	G	0.0906
rs7942114	G	-0.0208
rs76212586	A	0.0627
rs61746574	A	0.0366
rs73000808	T	-0.0783
rs148860333	C	0.0888

rs76064409	A	0.0901
rs2708531	C	-0.0276
rs1873081	C	-0.0226
rs117020218	T	0.09
rs72936097	A	-0.0224
rs7125672	A	0.0143
rs10766431	C	-0.0135
rs117829154	T	0.0651
rs513249	A	0.0176
rs76224360	A	-0.0309
rs10834369	G	0.0203
rs34564056	G	0.0849
rs12364243	A	-0.0582
rs11021223	T	-0.0135
rs78757276	T	-0.0863
rs11224017	C	-0.0253
rs144875655	G	-0.0444
rs292742	A	-0.0236
rs11019482	T	-0.0243
rs117533614	G	-0.0488
rs10743028	T	0.016
rs77444348	G	-0.0621
rs729870	T	-0.0243
rs2741810	A	-0.0677
rs953126	G	-0.0149
rs12271338	C	0.0195
rs7130208	G	-0.0391
rs11231937	T	0.0199
rs12419122	T	0.0206
rs6590691	C	0.0168
rs74430742	A	-0.0497
rs117506691	A	-0.0768
rs116872243	T	0.1105
rs1581281	A	0.086
rs1901944	T	0.0529
rs118015299	T	0.1075
rs117817907	G	-0.0478
rs118081248	A	-0.0755
rs2514497	T	0.0695
rs11021941	C	0.019
rs145130502	T	-0.061
rs72866862	T	-0.0651
rs79463883	A	-0.0318
rs78210961	A	0.0541
rs117666717	T	-0.056
rs7933739	G	-0.0196
rs4755783	C	0.0497

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rs12276890	G	0.0179
rs117981990	A	0.054
rs17827918	A	-0.0234
rs146169332	G	-0.0947
rs11827153	C	0.0227
rs11029812	C	-0.016
rs117505102	A	0.0851
rs78547936	T	0.0629
rs7931664	T	-0.018
rs7943198	G	-0.0144
rs11232563	G	-0.0208
rs34835978	A	0.0228
rs11040394	G	0.0186
rs4121863	G	0.0137
rs117094824	G	-0.1087
rs75478243	T	0.0622
rs11518264	G	0.0595
rs1560996	G	-0.0147
rs4936330	C	0.0139
rs4636656	T	0.0281
rs72858920	T	-0.1213
rs991504	G	-0.0409
rs139311140	T	0.0394
rs12799246	T	-0.0143
rs146680254	G	-0.0843
rs116891606	A	-0.0664
rs150588105	T	0.0393
rs11038172	G	0.0977
rs78576377	C	0.0644
rs142837424	A	0.086
rs149089148	T	-0.0962
rs78033785	T	0.0651
rs72951675	G	0.0468
rs1453420	T	-0.0278
rs2880829	A	-0.0207
rs494627	C	-0.0132
rs114019870	G	-0.069
rs76452846	T	0.0746
rs55656225	T	-0.0496
rs17601014	G	-0.064
rs675944	A	-0.024
rs117610694	T	0.0907
rs77836370	A	0.0292
rs1783891	T	0.0347
rs4608093	C	0.063
rs6589850	C	-0.0267

rs726785	C	0.0192
rs10734271	G	0.0751
rs80301021	T	0.054
rs56393933	A	-0.0719
rs78868651	A	0.0509
rs4755601	G	-0.0153
rs61903821	G	-0.1015
rs74678032	C	-0.0422
rs78406812	A	-0.096
rs147474477	G	-0.0859
rs627899	T	-0.0149
rs148213283	T	0.0908
rs117839774	T	0.0602
rs893947	C	0.0144
rs10500621	G	0.042
rs2845636	G	0.0273
rs75431481	T	0.0967
rs117578284	T	0.0362
rs7946613	G	-0.0212
rs11225138	C	0.0241
rs35361223	G	0.0587
rs146788346	T	0.0287
rs10749922	T	0.0131
rs11025546	T	-0.0335
rs61880062	T	0.0631
rs118050455	T	-0.0374
rs72973633	A	-0.0282
rs147910794	A	-0.1097
rs2846925	A	0.0191
rs1636227	A	-0.0275
rs2446381	C	-0.0262
rs11245951	T	-0.0265
rs7945777	A	-0.0768
rs12796181	C	-0.029
rs949108	T	-0.0306
rs151231787	A	-0.071
rs144187602	G	-0.1184
rs11493908	G	0.0824
rs72986304	C	0.0254
rs75051526	A	0.0716
rs75818155	G	-0.0331
rs7926502	T	-0.0657
rs870332	C	0.0237
rs75344943	A	-0.0511
rs11214645	A	0.0193
rs111490460	T	0.0411
rs138797621	C	0.08

rs113723266	T	0.0746
rs6578688	G	0.0402
rs72872255	A	0.0693
rs151283189	C	-0.0755
rs283313	C	0.0139
rs116964505	T	-0.1034
rs7116774	G	-0.0339
rs113465191	T	0.0186
rs6485479	C	-0.016
rs76897669	G	-0.0288
rs149876707	A	0.114
rs11223894	A	-0.0235
rs72939223	C	0.0774
rs138376969	G	0.1058
rs117048510	C	0.107
rs117206964	T	0.0576
rs79605071	T	-0.0329
rs11827924	C	-0.0243
rs12282193	A	0.0205
rs74759355	C	0.024
rs72901795	C	-0.1093
rs12798146	T	0.0389
rs10501377	T	-0.016
rs139322977	G	0.0978
rs10895594	C	0.0801
rs74618079	C	-0.1416
rs116968607	T	-0.1254
rs117002476	A	-0.0862
rs11606899	A	0.0465
rs138567278	A	0.085
rs10891867	T	-0.0176
rs1483130	C	-0.0136
rs76544613	T	0.0565
rs11234888	A	-0.0154
rs11025345	A	0.0137
rs12417663	G	0.019
rs140468011	A	0.0967
rs113554344	A	0.0495
rs12802688	G	0.0296
rs78453720	A	0.0795
rs10767910	G	-0.0131
rs2276312	G	-0.0198
rs72875210	C	0.0661
rs72935082	T	-0.0259
rs516752	A	-0.0713
rs66865033	G	-0.029
rs7118058	T	-0.027

rs1790063	A	0.0183
rs150853522	G	0.0485
rs1031380	T	-0.0416
rs12269893	A	0.0464
rs139551149	A	0.063
rs113249705	T	0.0228
rs11030780	G	-0.0488
rs7947358	G	-0.022
rs73019283	T	0.0317
rs139977119	C	0.0744
rs117061470	T	0.063
rs3763880	T	-0.0167
rs12803998	T	-0.0182
rs143181428	G	0.1163
rs77544923	A	0.0686
rs649827	T	0.0131
rs117563748	A	0.0779
rs175123	T	-0.03
rs78029651	A	0.0312
rs112217946	T	-0.0208
rs16914574	C	0.0573
rs74926018	T	-0.0707
rs11228518	A	-0.0214
rs117353760	C	-0.0617
rs143266098	C	-0.0746
rs137970952	A	-0.0557
rs11602688	T	-0.0131
rs72937419	T	0.0365
rs1852753	T	-0.0147
rs76457507	A	-0.0268
rs1349832	A	0.0251
rs1837396	A	0.0128
rs80216562	A	-0.0398
rs647837	G	-0.0282
rs2078239	C	-0.0162
rs61890163	T	-0.04
rs4939487	G	-0.0768
rs118026359	G	0.033
rs12364193	A	-0.0227
rs113845321	C	0.0302
rs117672018	T	-0.0648
rs61893829	T	-0.0482
rs144822944	A	0.0657
rs111623182	C	-0.0603
rs11232018	G	0.0575
rs111893457	C	-0.0866
rs67682808	A	0.0718

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rs79375030	G	-0.0387
rs10894496	C	-0.0143
rs570724	T	-0.0134
rs117324199	T	-0.1044
rs117850532	T	0.0538
rs117916633	A	-0.0851
rs1377776	C	-0.0171
rs76853730	G	0.1147
rs11217903	G	-0.0305
rs7127373	C	-0.0134
rs2886654	A	0.0138
rs117307565	A	0.1091
rs143015376	C	-0.0852
rs3740891	A	-0.0447
rs4757331	C	-0.0139
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rs1108340	G	0.0187
rs2015633	T	-0.0196
rs1557763	T	0.1107
rs76854298	A	-0.0746
rs118131593	C	0.0574
rs12362653	G	0.0284
rs118010894	A	0.0793
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rs16907765	T	-0.0305
rs10765856	C	0.0129
rs117710873	T	0.0608
rs111949840	A	-0.035
rs77696239	T	-0.054
rs1445497	C	-0.0136
rs3858514	C	0.0309
rs61903739	T	0.0304
rs117086233	A	0.1138
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rs878830	A	0.0209
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rs12285365	A	-0.0162
rs61912423	A	-0.0207
rs11225597	A	-0.0324
rs71484426	A	0.0297
rs35484013	A	-0.1082
rs2513600	C	0.0172
rs57363396	A	0.0874
rs10894444	C	-0.0148
rs117646972	T	0.0602

rs11820326	G	-0.0242
rs17614161	T	-0.0177
rs145368317	A	0.0814
rs1194863	G	0.0196
rs1367308	G	-0.0164
rs75043930	T	0.0505
rs7940638	A	-0.0219
rs10902225	T	0.0206
rs10741830	G	-0.016
rs75910349	G	0.0491
rs35578111	T	-0.0333
rs61875455	C	-0.033
rs117409684	T	0.0302
rs11606281	T	0.0185
rs2875369	A	-0.0778
rs77170212	C	0.0623
rs7129154	C	0.0508
rs7945641	G	-0.016
rs112055641	G	-0.0273
rs989595	G	-0.02
rs591635	A	-0.0506
rs1648178	C	-0.0134
rs11023456	T	0.0162
rs4616002	T	-0.0148
rs4285884	C	-0.0154
rs142971210	C	0.0834
rs72862131	G	0.0189
rs148368382	A	-0.0274
rs78187739	T	-0.0887
rs1397591	A	0.024
rs10894330	T	-0.0219
rs113289947	A	0.0731
rs76100066	T	0.0499
rs12419597	T	0.0353
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rs4758431	G	0.0235
rs7947269	C	0.0168
rs402479	T	0.0269
rs1088991	C	0.0159
rs10838371	T	0.0264
rs144169662	A	-0.0556
rs151010120	T	0.0745
rs10839551	T	-0.1007
rs113106362	A	-0.06
rs4296033	T	0.0199
rs11601253	T	0.0385
rs147927609	A	-0.0923

rs17145887	C	0.0402
rs77546336	T	-0.0597
rs117745461	T	0.0857
rs71484151	A	0.0516
rs118136338	A	-0.0652
rs286925	A	-0.0167
rs144442448	C	0.1018
rs7942248	C	-0.0142
rs1944705	C	0.085
rs79763056	C	0.0394
rs1487857	G	0.0178
rs76692878	G	0.0489
rs61899166	C	0.0833
rs78507661	A	-0.0212
rs113534305	G	-0.0586
rs11825579	A	0.0237
rs7932034	T	0.0138
rs80215442	G	0.0379
rs7926191	C	-0.014
rs56078028	G	-0.0142
rs117932367	A	0.0854
rs629580	A	-0.099
rs138677146	T	0.0529
rs10501822	G	0.044
rs146181668	T	-0.0867
rs12223368	T	0.0487
rs1398284	C	0.0352
rs113977029	G	-0.1154
rs4757421	T	-0.0302
rs77324027	G	-0.0614
rs77165242	T	-0.0587
rs12366011	C	0.0382
rs79418536	T	0.0443
rs72990952	A	-0.1202
rs11033520	C	0.0244
rs578386	C	-0.0139
rs74924999	A	0.1087
rs79297443	T	-0.0545
rs117921792	T	-0.1166
rs115845562	G	0.06
rs78943594	C	0.0283
rs583435	T	0.0455
rs2460059	A	-0.0137
rs11215012	A	0.0162
rs16928732	G	-0.0156
rs7947798	T	0.0196
rs2239897	G	-0.0318

rs552819	T	-0.0167
rs274493	G	-0.0288
rs140868342	G	0.0738
rs72970132	A	0.0252
rs322623	C	-0.0171
rs77581366	T	-0.0249
rs72893359	G	-0.0268
rs78002274	G	-0.0432
rs118170511	C	0.0644
rs144685272	A	-0.0716
rs56084007	G	-0.0994
rs4944511	T	0.0141
rs71469507	T	-0.0354
rs61905177	T	0.0166
rs111463966	G	0.0455
rs636831	A	-0.0149
rs7478728	A	0.0232
rs151318831	G	-0.0757
rs76040534	C	0.0413
rs11033555	A	0.047
rs527077	T	-0.0152
rs4633466	G	-0.0126
rs78498981	A	0.0486
rs7942802	G	0.0196
rs10898721	A	0.0365
rs117169667	A	0.0602
rs1348944	A	0.0227
rs76842416	T	0.0583
rs67355686	G	-0.0505
rs117454745	G	0.0539
rs73521130	A	0.03
rs524526	T	0.0737
rs112566509	A	0.0454
rs75329634	C	0.0457
rs115061019	T	0.0485
rs75892510	C	-0.0496
rs75476113	A	0.0778
rs79197260	A	0.0721
rs113848350	A	-0.0435
rs503915	G	-0.0188
rs7116939	C	0.014
rs116999242	T	-0.0546
rs2008960	T	-0.0707
rs141869721	G	0.0647
rs59523070	G	-0.083
rs36122066	C	-0.0205
rs73602415	A	0.0293

rs45510391	A	0.0295
rs12804458	A	-0.0424
rs11033440	A	-0.0289
rs1793263	C	0.0164
rs72902224	G	-0.0253
rs11236708	A	-0.0169
rs17886371	C	-0.0262
rs75654687	C	-0.1162
rs12277563	T	-0.0145
rs77346371	A	-0.059
rs76169968	A	0.0275
rs111982661	T	-0.0479
rs79367608	G	0.0339
rs79915234	A	0.0597
rs145137712	T	-0.1286
rs118074514	G	0.0211
rs735045	C	0.0975
rs2618070	T	-0.0229
rs35454982	A	-0.0166
rs78481184	T	0.0534
rs12293377	T	-0.054
rs72971169	A	-0.0344
rs75279337	A	0.0785
rs139372756	C	0.0683
rs35134819	G	-0.0568
rs117337046	G	-0.0934
rs141866329	A	-0.1283
rs73030853	A	-0.0435
rs7115107	G	-0.0524
rs16915461	T	-0.0256
rs949285	C	0.0137
rs3019253	T	-0.0193
rs34827446	G	0.0708
rs78368469	A	-0.051
rs77663926	C	-0.0602
rs117152419	G	0.0353
rs10831738	A	-0.0212
rs7948183	C	0.0283
rs78781675	T	-0.0555
rs113872393	A	-0.0718
rs74855020	T	0.0216
rs11235124	A	-0.0209
rs7113799	T	0.0276
rs78284685	G	-0.0982
rs117421411	T	-0.0584
rs55898034	A	-0.0193
rs72852733	C	-0.0391

rs77550847	T	0.1032
rs78953519	T	0.0609
rs11237573	G	-0.0364
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rs11533190	C	0.0173
rs118018867	A	-0.1091
rs75665380	G	0.0544
rs114138529	A	0.0491
rs11218095	G	0.0176
rs7935643	C	-0.0138
rs76500006	G	-0.0177
rs78819144	C	0.046
rs55663414	C	0.0809
rs2155521	T	0.0127
rs11607887	C	-0.063
rs117979486	T	-0.029
rs141010344	T	0.1072
rs144065255	T	-0.0598
rs142028371	T	-0.0973
rs2682107	A	-0.0165
rs16907852	A	-0.0216
rs12792811	T	-0.0179
rs140397543	A	-0.0662
rs6483593	T	0.0143
rs11216392	T	0.0222
rs150426039	G	0.0755
rs56017289	G	0.045
rs142307459	C	0.0555
rs117002557	C	0.059
rs4756963	T	-0.0971
rs6416040	G	-0.0175
rs117171867	C	0.0399
rs77499442	T	0.0461
rs2513560	G	0.0177
rs144697770	T	0.0817
rs7104786	T	-0.0156
rs36086464	G	-0.0496
rs12794482	A	-0.0201
rs12793031	C	0.0251
rs672496	A	-0.0227
rs77945288	C	0.0291
rs116842826	A	0.0796
rs117043755	G	-0.1297
rs4073197	C	-0.028
rs11223777	C	0.0352
rs2667420	T	0.0219
rs7925846	C	-0.0452

rs117358788	A	-0.0372
rs1944605	A	-0.043
rs75154725	T	-0.038
rs7934520	C	-0.015
rs7940200	G	0.0547
rs11600966	T	-0.0691
rs12279760	T	-0.0157
rs145387883	A	0.0549
rs59697012	A	-0.0317
rs34554307	A	-0.0434
rs12806096	C	0.0503
rs75918747	A	0.029
rs11602157	A	0.0132
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rs2237998	C	0.0492
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rs7102786	A	-0.0142
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rs114727664	A	0.0593
rs79380240	T	0.1106
rs58993018	T	-0.0782
rs11607115	G	0.0158
rs116862104	G	-0.0688
rs293969	T	0.0153
rs35893315	A	-0.0369
rs2017929	A	-0.0373
rs66918879	T	-0.0252
rs7948307	A	0.0157
rs113572944	G	-0.0218
rs59023846	G	0.0645
rs56343581	C	0.053
rs117068331	A	0.0445
rs73563181	A	0.0502
rs7130967	T	0.0145
rs11234100	T	0.0203
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rs116755798	A	0.0584
rs148765648	A	0.1036
rs12803674	G	0.0526
rs17577622	T	0.0617
rs79981895	G	0.0714
rs622735	T	-0.03
rs566436	G	-0.0133
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rs117339452	G	0.0485
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rs59356208	T	0.0973
rs7942029	G	-0.0158
rs75736895	T	0.0248
rs146337068	A	-0.0978
rs11607435	G	-0.08
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rs113770106	G	-0.0506
rs2510852	C	-0.0194
rs11223261	G	0.0391
rs118138183	G	0.0349
rs78493981	C	0.0713
rs61900223	A	-0.0479
rs1402954	T	0.0206
rs111318016	C	-0.0543
rs609596	T	0.0146
rs11020197	T	-0.0207
rs2511229	A	-0.0227
rs35447306	G	0.0489
rs77237111	C	0.0365
rs75489363	A	0.0327
rs1789792	G	-0.0158
rs117001680	G	-0.0949
rs77018253	C	-0.0312
rs150001148	T	0.0704
rs116586797	C	-0.065
rs477980	G	0.022
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rs2672549	G	-0.0277
rs11019712	C	-0.0402
rs72880823	T	-0.0381
rs4256968	A	0.0278
rs4936510	A	-0.0205
rs4758203	A	-0.0244
rs7123339	A	-0.0243
rs12793036	T	-0.0222
rs3018473	T	0.0144
rs117445890	G	-0.065
rs11222888	G	0.0177
rs16909542	A	-0.0365
rs4575282	C	0.0309
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rs77634629	C	0.0531
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rs74326379	A	0.0338

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rs77721353	T	0.0312
rs79459678	T	0.0319
rs12361674	T	0.073
rs366066	C	-0.0158
rs513794	A	-0.0279
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rs10839863	T	-0.074
rs16928390	C	0.0163
rs2281634	T	-0.0253
rs11021825	G	0.0159
rs35849418	T	0.0278
rs75245613	T	-0.061
rs138035788	A	-0.0744
rs901782	C	0.0137
rs717676	T	0.0231
rs568221	T	-0.0138
rs1119915	G	-0.018
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rs17124957	A	-0.076
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rs117794242	T	-0.0493
rs117853495	T	0.0524
rs12365862	G	0.0132
rs4294587	G	0.0187
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rs61065873	A	0.0629
rs494442	T	-0.0129
rs13377489	G	-0.0809
rs11042182	G	0.0133
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rs3842767	T	-0.0281
rs116889971	G	0.0508
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rs924643	C	-0.0225
rs12797091	G	-0.0424

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rs3849994	G	-0.0258
rs985292	A	-0.0135
rs141342554	G	0.053
rs8808	T	-0.0249
rs2500035	T	-0.0148
rs151104286	T	-0.0831
rs59339851	A	0.0459
rs117231270	T	0.1036
rs11220964	A	-0.0733
rs35092832	A	-0.0587
rs117996958	G	0.0927
rs138701654	A	-0.0888
rs1715295	T	-0.0189
rs10893608	A	-0.0148
rs630336	A	-0.0568
rs2945077	A	-0.0925
rs112323178	A	-0.0469
rs10838297	G	-0.0136
rs17118328	G	0.0639
rs11601067	C	0.0375
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rs72964666	T	0.0521
rs75828369	G	0.027
rs11022705	C	-0.0348
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rs17125985	T	0.0381
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rs4937977	C	0.0257
rs113264182	A	0.076
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rs78125152	G	0.0791
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rs34214007	T	0.0751
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rs111947457	C	0.0573
rs35195855	T	0.0217
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rs150059707	G	0.0705
rs11218479	T	-0.0188
rs12365872	A	0.0553
rs1146210	G	-0.0839
rs11823045	T	0.0667
rs77138167	A	0.0601
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rs77074877	A	0.0249
rs7124158	A	0.0567
rs73004528	T	-0.036
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rs80295752	C	-0.0741
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rs117389929	T	-0.0592
rs77229351	C	0.0416
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rs7951242	T	0.0145
rs12294354	T	0.0157
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rs12785680	A	0.0183
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rs148357959	A	0.1129
rs56271335	T	0.0146
rs55760428	A	0.0478
rs140915514	T	-0.1274
rs17755323	G	-0.0452
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rs71485709	A	0.0469
rs12184421	T	-0.0895
rs476082	G	0.0275

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rs17549982	G	0.0163
rs117513890	G	-0.0629
rs59711149	C	0.0389
rs149152722	A	0.0576
rs72874794	G	-0.0516
rs145470191	G	-0.0692
rs117067006	A	0.0508
rs61890479	T	-0.035
rs72935496	T	0.042
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rs117676764	A	-0.0758
rs143860760	A	-0.0545
rs10837407	T	0.0133
rs10836656	T	0.0124
rs77427114	A	-0.0873
rs72640805	A	-0.0529
rs12788923	G	-0.0127
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rs449460	A	0.0273
rs76256598	A	0.0532
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rs3018736	C	0.0318
rs117426860	C	-0.0288
rs79279607	A	-0.0522
rs116969249	A	0.0784
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rs10742706	A	0.0516
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rs2155169	G	-0.0138
rs72924001	C	0.0316
rs2511840	C	0.0131
rs1893351	T	-0.0512
rs76143023	T	0.0633
rs4923019	G	0.0485
rs17882441	A	0.0254

rs10466602	G	0.0125
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rs149970345	C	-0.0193
rs113343351	A	0.0331
rs2433541	C	-0.0125
rs150433412	A	0.0644
rs1454005	T	-0.0686
rs147274481	G	0.0799
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rs11215855	C	0.0152
rs117271904	T	0.055
rs146054756	G	0.0525
rs142399864	T	0.0797
rs118162031	T	-0.0627
rs11824683	T	0.025
rs12417643	C	0.0494
rs147040337	T	-0.0425
rs4122086	A	-0.0599
rs590082	C	0.0123
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rs149311320	A	-0.045
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rs76570950	A	0.0685
rs73040345	T	0.0746
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rs56063427	A	-0.0141
rs10742161	A	0.0127
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rs145082340	G	-0.0649
rs12801144	G	0.0248
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rs11219210	T	-0.0137
rs11230827	A	-0.0407
rs1632302	A	-0.0275
rs145993004	T	0.129
rs72902230	C	0.02
rs1396951	C	0.0713
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rs80157288	T	0.0492
rs145826847	T	0.0536
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rs113807069	T	-0.0696
rs78540643	C	0.045
rs139973334	C	-0.0241
rs56277883	A	0.0486

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rs34803332	A	0.08
rs578446	T	0.0121
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rs231844	A	0.0219
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rs55887984	A	-0.0433
rs11042855	A	-0.02
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rs11824914	A	0.0366
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rs2924671	A	-0.0272
rs35415980	T	-0.0134
rs1943505	T	0.0194
rs147609050	T	0.1019
rs148475372	G	0.0541
rs72860153	T	0.076
rs2282661	G	0.0143
rs10897657	A	0.016
rs12796215	T	0.0676
rs113488707	T	-0.0376
rs111547348	G	0.0478
rs117746947	T	0.1089
rs61736992	A	0.0685
rs2298459	T	0.0488
rs6484804	G	0.0132
rs34869754	A	0.033
rs2745924	G	-0.0128
rs72975119	T	-0.0864
rs147942700	A	-0.0737
rs117290337	C	-0.0775
rs141551871	A	-0.0575

rs61904735	T	0.0376
rs78360647	A	-0.0912
rs10767568	G	0.0132
rs76272857	A	0.0267
rs11037431	A	-0.0325
rs145334492	C	-0.0879
rs56026335	G	-0.0237
rs141080596	C	0.0599
rs55888004	A	-0.0414
rs75411138	G	-0.0342
rs669778	T	-0.0172
rs76311938	A	0.0594
rs117954835	C	0.0648
rs12223685	C	-0.0717
rs1690597	T	0.0141
rs12184435	C	-0.0381
rs11219807	A	-0.0192
rs111589976	G	-0.0425
rs148411758	T	0.0523
rs11215278	T	0.0168
rs144789953	T	-0.0635
rs71465562	T	-0.0673
rs12808938	T	-0.0211
rs485030	T	0.0142
rs7112926	T	-0.016
rs113943346	T	-0.0667
rs3925584	C	0.0123
rs79191289	C	0.064
rs649457	A	0.0128
rs73529624	T	0.0491
rs7926897	A	0.0226
rs78019278	T	0.0471
rs151033901	T	0.0564
rs78388748	G	0.0242
rs2433423	C	0.0325
rs149013269	A	0.0596
rs11043079	G	-0.0172
rs61889210	A	-0.0715
rs76347005	T	-0.0786
rs1448352	A	0.0163
rs74795238	G	-0.0836
rs7110706	C	-0.0399
rs1037398	G	0.0121
rs74892622	G	-0.0611
rs147907464	T	0.0494
rs116857009	C	0.0528
rs35800583	A	-0.0293

rs117973349	T	-0.0795
rs58241661	C	-0.0554
rs74558672	C	-0.0907
rs116881614	T	-0.0944
rs79532235	T	0.034
rs10835119	A	-0.0129
rs11033937	T	0.0154
rs113704222	A	-0.019
rs55928867	A	-0.0447
rs79404398	G	0.0544
rs147696335	T	0.101
rs12098935	T	0.055
rs12421402	G	0.0206
rs12294153	T	-0.0271
rs11603672	G	0.0164
rs2034322	T	0.0167
rs204925	C	0.0168
rs35078873	A	-0.0143
rs140683270	C	-0.0755
rs73038292	T	-0.0289
rs10895284	G	0.0142
rs117979533	G	0.0724
rs117307002	C	-0.0382
rs61886120	C	-0.0169
rs3026344	G	0.02
rs10501441	T	-0.017
rs138177462	G	0.0581
rs112640652	A	0.0849
rs1478631	A	0.0132
rs11604163	G	0.0529
rs117287115	T	-0.0502
rs61876112	G	-0.0304
rs71478133	C	-0.0425
rs2846173	T	-0.0145
rs79658177	T	0.0457
rs142102795	A	-0.0924
rs7114847	T	-0.0223
rs1478626	T	0.059
rs6588946	T	0.0131
rs12282938	G	0.0345
rs17137998	A	0.0461
rs117610613	A	0.0658
rs6578864	C	0.0184
rs45626943	G	0.0364
rs10892888	T	0.0137
rs11020894	T	0.0192
rs117747972	A	-0.0586

rs35582907	T	0.0519
rs77660877	T	0.0314
rs3782066	G	0.0158
rs72934713	T	0.0228
rs79454517	C	0.0567
rs16907732	T	0.0417
rs76742233	T	-0.0312
rs117593852	T	-0.0341
rs113621395	G	-0.0848
rs78966806	T	0.0258
rs61906391	T	-0.0793
rs117606022	A	0.0423
rs174602	C	0.0202
rs13377199	T	0.0242
rs492475	A	0.0222
rs112521445	C	0.0417
rs3763903	A	0.0577
rs58930801	T	0.0154
rs34401554	T	-0.0556
rs2615926	G	0.0173
rs113239412	T	-0.0637
rs78738526	T	-0.1136
rs35113231	T	0.0404
rs141344184	A	-0.0607
rs11018635	C	-0.0188
rs78210180	T	-0.0827
rs55910350	A	-0.0167
rs1858472	T	-0.0123
rs3017568	C	-0.0127
rs7952474	G	0.0127
rs45559236	A	-0.056
rs10892154	A	-0.012
rs35225484	C	-0.0483
rs147460910	G	-0.0634
rs678776	A	0.0132
rs7932214	A	0.0507
rs79506361	C	-0.0326
rs2510150	A	0.0372
rs540433	C	0.0143
rs11030129	A	0.0123
rs74325644	T	-0.0235
rs72985820	T	-0.0577
rs145487755	T	-0.0601
rs111408022	T	0.0756
rs78844702	C	0.0571
rs11212833	C	0.0139
rs142599466	T	0.0907

rs518716	A	0.012
rs7934444	G	0.0159
rs17137917	T	-0.0247
rs17536268	A	-0.0436
rs75256341	A	0.0629
rs143784037	G	-0.0411
rs111966496	T	0.0578
rs74739178	A	0.0396
rs117628232	C	-0.0741
rs10897275	A	-0.013
rs118088866	A	0.0707
rs17382780	T	0.0233
rs76203243	T	0.0534
rs72873820	C	0.034
rs216495	G	-0.0125
rs139655826	C	-0.0987
rs11025683	C	-0.0131
rs11220355	A	-0.0259
rs12362167	A	-0.013
rs4141121	C	0.0153
rs79288929	C	-0.0424
rs143811078	G	-0.0895
rs2716521	G	0.0323
rs1512376	T	-0.0417
rs59472562	G	-0.0792
rs117993393	T	0.043
rs113663260	G	-0.0892
rs11021198	G	0.0202
rs61879282	G	0.0495
rs10833420	T	-0.0128
rs78969949	G	0.0258
rs1458108	C	-0.0221
rs75328112	G	-0.0582
rs4756864	C	-0.0128
rs59040874	G	-0.0212
rs10791343	T	-0.0149
rs146887266	C	-0.0834
rs77065121	C	0.0371
rs11213957	T	0.047
rs7927542	A	-0.0305
rs11605819	C	-0.0445
rs79790477	G	0.0586
rs11035382	G	-0.0118
rs74345261	C	-0.0895
rs12785453	A	-0.0451
rs138662774	T	-0.0862
rs2060745	G	0.0119

rs148103331	T	0.0546
rs10897217	G	0.0201
rs113138610	A	-0.0948
rs76279169	A	0.0549
rs77375813	C	0.087
rs78140269	T	0.0607
rs704704	G	0.0247
rs657320	A	-0.018
rs79435306	A	0.0326
rs76057854	T	-0.0863
rs486055	T	0.0167
rs77658621	C	-0.0256
rs12418845	A	-0.0268
rs142620491	G	0.08
rs11025535	A	-0.0119
rs2238009	T	-0.0172
rs142732024	C	-0.0131
rs11493450	A	0.0128
rs10160285	T	0.0174
rs75505900	T	-0.0464
rs2403424	G	0.0137
rs80257201	T	-0.0599
rs55798031	G	0.0451
rs114641429	A	0.0366
rs1915071	G	-0.026
rs139305042	A	0.0988
rs12283321	A	-0.0609
rs11021135	C	0.0968
rs56703842	T	-0.0168
rs150216062	G	0.0583
rs77387025	C	-0.0267
rs35199514	C	0.0294
rs117407021	A	-0.0566
rs1216747	A	0.0811
rs1461667	G	0.0166
rs2846062	G	0.0124
rs117790096	G	-0.093
rs331536	A	0.0122
rs117888740	C	-0.0637
rs517835	C	0.0141
rs80263701	G	0.0576
rs76766700	C	-0.0823
rs71481899	A	0.0266
rs7483401	C	0.0626
rs74052044	G	-0.027
rs17642218	C	0.0427
rs34268295	C	0.0123

rs10894804	T	0.0138
rs140812623	G	-0.046
rs116943227	C	0.0563
rs2298475	C	0.0223
rs111434355	G	0.0728
rs17209457	G	-0.0338
rs77204866	G	-0.0581
rs7481076	G	0.0239
rs115507593	G	-0.0306
rs4075412	A	-0.0204
rs7935881	T	0.0118
rs12287811	A	0.0748
rs150292682	T	0.0945
rs111360343	T	0.0164
rs116208395	A	-0.0213
rs72872425	C	0.0533
rs539073	A	-0.0157
rs3802815	C	0.0151
rs76226673	T	-0.087
rs2355017	C	-0.0135
rs7932348	A	0.0176
rs77097586	T	0.0306
rs147544103	A	0.0339
rs10835858	G	0.0139
rs12791203	T	-0.0191
rs144891065	C	-0.0801
rs79093668	A	-0.0301
rs77482368	T	-0.0293
rs150092556	G	-0.0561
rs72910039	A	-0.021
rs80153685	T	0.0329
rs117371349	T	-0.0276
rs7102116	G	-0.056
rs7940843	T	0.0121
rs4584610	A	-0.0229
rs1151205	G	-0.0309
rs7114645	T	-0.0141
rs506616	T	-0.0126
rs2882351	T	0.0121
rs138831248	T	-0.0538
rs12786867	A	0.0502
rs79714431	T	0.0511
rs145630783	T	0.0533
rs7125001	C	-0.0146
rs4630260	T	0.0143
rs577043	A	-0.0122
rs112960529	T	-0.0609

rs76844529	G	-0.0227
rs140188283	A	-0.079
rs4938796	A	0.0123
rs7109305	T	0.0184
rs78459567	G	0.0279
rs117090053	C	-0.0701
rs4937933	A	-0.0406
rs75495070	T	0.0578
rs117252404	A	0.0502
rs28724581	G	0.0146
rs12284382	G	-0.0261
rs148627201	A	-0.0671
rs72860501	C	0.0773
rs72925956	A	-0.0655
rs12283287	C	0.0346
rs11220418	G	-0.0189
rs573245	T	0.0173
rs117286747	T	0.0571
rs151156384	T	-0.0627
rs2165313	C	-0.0151
rs4754275	T	-0.0122
rs2278451	T	0.0116
rs34659917	A	0.0703
rs117463512	A	0.0396
rs10833529	A	-0.0125
rs72844510	G	0.0561
rs11603183	T	-0.0402
rs73003083	T	0.0362
rs76664008	A	-0.0238
rs686567	T	-0.0129
rs882366	C	0.0155
rs1792509	C	0.0116
rs7119733	A	-0.0138
rs11227733	G	0.0499
rs147557458	G	0.0746
rs73018464	A	0.0164
rs11217906	C	-0.0416
rs117817146	T	0.0961
rs2869510	T	-0.0506
rs534421	G	0.0119
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rs147180180	A	-0.0843
rs12419032	C	-0.0324
rs11042889	G	-0.0224
rs7115718	C	0.0115

rs116928790	A	0.0515
rs76332430	A	-0.0225
rs113288907	C	0.0172
rs117327528	C	0.0739
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rs76548280	T	-0.0517
rs75327903	A	-0.0593
rs7117537	A	0.0969
rs113923301	T	0.074
rs10430836	C	-0.0218
rs3793964	T	-0.012
rs143790496	T	0.0435
rs117281367	A	0.0332
rs11601666	T	0.0366
rs35627191	A	-0.0131
rs79904681	A	0.1042
rs76032516	C	-0.0316
rs117677995	A	0.0662
rs17504675	A	0.0624
rs12795095	G	0.0542
rs72933293	G	0.0572
rs76111815	T	-0.0218
rs11604846	C	0.0263
rs7106875	A	0.0216
rs510955	A	0.0208
rs75071656	C	-0.0516
rs17367342	C	0.0626
rs7929803	G	0.0745
rs11021152	C	0.0915
rs16913144	A	-0.0168
rs12785863	T	0.0147
rs117337119	C	-0.0243
rs34307357	G	-0.0265
rs72900590	T	-0.0192
rs4411290	C	-0.0157
rs73007089	C	0.0667
rs1791459	T	0.0161
rs7950181	C	0.0152
rs74430282	C	0.047
rs11213230	A	-0.0436
rs78927508	C	-0.0289
rs77806870	C	0.0344
rs74529707	T	0.0476
rs145132025	T	0.0753
rs117501217	T	0.0392
rs143262971	G	-0.0688
rs61895117	G	0.0939

rs11220543	T	-0.012
rs78521312	G	0.0675
rs7925479	A	0.0124
rs11021485	A	-0.0189
rs12270024	C	-0.0194
rs72858606	A	-0.0483
rs114366733	C	-0.0828
rs117200135	A	0.1002
rs6416163	C	0.0143
rs78864180	A	-0.0558
rs79453425	A	0.0249
rs72989014	T	-0.0745
rs2136538	G	0.013
rs6590759	A	-0.0336
rs11605646	C	0.014
rs58990056	A	0.0245
rs10766437	A	-0.012
rs118096138	T	-0.0842
rs12798244	T	-0.0184
rs34441025	C	-0.0505
rs78403783	T	-0.0712
rs3819080	C	0.0131
rs2725439	G	0.0194
rs34801068	T	0.0483
rs111392490	G	0.0705
rs74791697	G	0.0469
rs146158119	A	-0.0635
rs2508374	G	-0.0167
rs4450197	C	-0.0367
rs139807638	G	-0.0755
rs11219182	A	0.0117
rs12419783	C	-0.0221
rs118172129	T	-0.0689
rs535603	A	-0.0182
rs12282075	A	0.0741
rs117417417	A	0.0462
rs146765347	T	0.0372
rs146450627	C	-0.0403
rs75520188	A	-0.0611
rs139590019	A	-0.0497
rs150206373	T	-0.0672
rs147470123	A	-0.0404
rs488903	C	-0.0134
rs4936765	G	0.0112
rs11024832	C	-0.035
rs1631013	G	-0.0168
rs146051586	T	0.0801

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rs7102858	A	0.0167
rs11021359	G	0.0395
rs3019647	A	0.0197
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rs117285578	C	-0.0583
rs72915131	T	-0.0309
rs115704122	T	-0.0333
rs72976785	A	0.0309
rs1511512	C	-0.0131
rs2155105	T	-0.0116
rs1944486	G	-0.0135
rs2725425	A	-0.0447
rs750130	C	-0.0199
rs77310206	C	0.0714
rs78766829	G	-0.0567
rs11601272	C	-0.013
rs9300014	C	-0.0442
rs7924842	C	0.0294
rs149921581	T	0.0339
rs117728806	A	-0.034
rs1714354	T	0.0146
rs142955205	G	0.0576
rs12363701	A	-0.0666
rs35218522	A	0.0348
rs61885874	C	-0.0347
rs138554907	A	0.0761
rs11217450	G	0.0248
rs78568462	T	0.0228
rs72915592	A	0.0298
rs10736563	G	0.0186
rs117216383	T	-0.0776
rs7944986	G	0.0184
rs4922866	G	0.093
rs4936236	G	0.0288
rs77001887	G	0.0606
rs17439243	T	-0.0592
rs73020316	C	0.0352
rs118068758	G	-0.0498
rs141494470	G	0.0565
rs12363505	A	0.0122
rs116982583	A	0.0432
rs12293713	A	-0.0183
rs1498326	T	0.0262
rs78034888	T	-0.0366
rs11822813	G	0.0205

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rs76572700	T	0.0665
rs674939	T	0.0283
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rs117695718	T	0.0913
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rs4910716	G	0.0171
rs61892117	T	0.0174
rs28783217	T	0.0397
rs11230230	C	0.0182
rs79906560	A	-0.023
rs73028070	A	0.0256
rs10082600	G	-0.0176
rs147628951	C	0.0649
rs1401615	C	-0.0156
rs138886673	A	-0.0749
rs2412144	A	-0.0163
rs4402267	C	0.0462
rs144012401	G	-0.0732
rs78988260	A	-0.0671
rs117409848	C	0.0488
rs17475467	T	-0.0274
rs10501801	T	0.015
rs10891241	A	0.0121
rs117516944	A	0.0826
rs148746917	T	0.0531
rs117313862	G	0.044
rs112908885	T	-0.0421
rs634885	C	-0.0185
rs61905806	G	-0.1033
rs10893757	T	0.015
rs1352415	C	-0.0127
rs1518758	C	-0.0114
rs11225186	C	0.0303
rs34536405	A	-0.0274
rs72912871	C	0.066
rs7126677	G	-0.0117
rs45542138	C	0.067
rs75421922	A	0.0397
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rs6578856	G	0.0157
rs113859360	T	-0.0316
rs76525370	T	-0.0644
rs145718545	A	0.0543
rs1063303	G	-0.0236
rs147268743	T	0.0913

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rs73009621	T	-0.0226
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rs74938975	G	-0.0159
rs11605930	T	0.0364
rs116330780	T	0.0404
rs10831259	A	-0.0115
rs117849885	C	0.0407
rs147163944	A	-0.0821
rs74568444	C	-0.037
rs3016770	T	0.0236
rs4757702	G	0.0119
rs12792010	T	-0.0174
rs117970553	T	-0.0446
rs147904757	A	0.0929
rs12575731	G	-0.0124
rs494379	G	-0.0192
rs1939305	A	-0.0226
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rs56228504	T	-0.0308
rs141482433	A	-0.071
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rs4923307	C	-0.0193
rs322624	C	-0.0153
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rs117731500	T	0.0393
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rs61878662	T	-0.0569
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rs11022541	T	-0.0238
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rs55837824	T	0.0162
rs931102	C	0.0124
rs12789426	C	0.0614
rs138996213	T	0.081
rs117606334	G	-0.0542
rs117147335	G	0.0607
rs61274404	G	0.0306
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rs147072206	C	-0.0467
rs4755844	G	-0.0116
rs7125172	A	0.0177
rs1059091	G	-0.0166
rs117685451	C	-0.0376

rs17302814	G	0.0517
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rs142088753	A	-0.0575
rs61901935	T	-0.0324
rs7952257	A	0.0259
rs61479514	T	0.0693
rs113992395	A	0.0452
rs142987288	A	0.0491
rs17645205	G	-0.0275
rs12793705	C	0.1094
rs74762166	G	-0.0756
rs12417603	T	-0.0228
rs3862773	A	-0.0169
rs147291557	G	0.0627
rs148330026	G	-0.0337
rs56263301	A	-0.0207
rs34512463	A	-0.0514
rs139090670	C	0.0645
rs61889512	T	0.0216
rs2850809	T	-0.0153
rs76560716	A	0.0346
rs4757273	G	0.0281
rs7111184	G	-0.0127
rs16913638	G	-0.0145
rs79211907	A	0.0485
rs74358458	A	0.0269
rs75871268	A	0.029
rs145658765	T	0.0551
rs77842754	C	-0.0161
rs72986893	T	0.068
rs11223160	A	-0.0228
rs2084898	A	-0.0159
rs117826511	G	0.0417
rs11223405	A	-0.0722
rs16926729	A	0.037
rs12574348	T	0.0178
rs72925935	A	-0.0453
rs11605469	T	-0.0241
rs78688752	A	-0.0345
rs78718247	G	0.0653
rs142590650	T	0.044
rs4938816	A	-0.0635
rs118127932	G	0.0867
rs35260684	A	-0.0399
rs147129186	A	0.0481
rs7123531	C	0.0209
rs79301259	G	0.0582

rs11263623	T	0.0127
rs117758811	A	0.0539
rs4988037	T	-0.0516
rs10831885	T	0.0216
rs56013057	A	0.0341
rs7119941	T	0.0238
rs34798612	A	0.0885
rs117654829	T	-0.0398
rs117649895	G	-0.0781
rs7111254	C	0.0218
rs3087563	C	-0.0115
rs10896314	T	-0.011
rs4930554	A	0.0391
rs76501109	C	0.0615
rs10894085	C	-0.0126
rs1114190	A	0.0129
rs11217948	C	-0.031
rs4930003	A	0.0202
rs117438324	C	0.0582
rs117014671	G	-0.0603
rs4758066	G	0.0127
rs10833525	A	0.0195
rs12366086	T	-0.0714
rs11032570	C	0.0121
rs61912410	A	-0.0439
rs537553	G	0.0145
rs514075	A	0.0183
rs11036408	T	0.0227
rs17835798	C	-0.0307
rs11220042	G	-0.0545
rs11026018	A	-0.0272
rs11601294	T	0.0994
rs142751902	A	0.1076
rs511903	T	0.0173
rs35353925	A	0.0476
rs144968643	A	0.0125
rs139518726	T	0.0613
rs35365480	A	0.0605
rs7131275	A	0.0125
rs2155353	C	0.0196
rs11823666	G	-0.0184
rs11215516	G	-0.0115
rs2016188	A	0.0182
rs117854239	T	-0.0246
rs75250102	T	0.0508
rs139297326	G	-0.0463
rs113915729	G	0.0796

rs2252520	A	0.0138
rs1893062	G	-0.0114
rs10840110	T	0.0206
rs12421213	C	-0.0232
rs12797891	G	-0.0122
rs61901459	A	0.0297
rs4127488	A	-0.0333
rs112272479	C	0.0733
rs75302101	T	0.047
rs116992988	A	-0.0637
rs78715762	A	-0.0623
rs10766659	A	-0.0255
rs117529257	G	-0.0705
rs117285200	T	-0.0523
rs74513774	G	-0.0108
rs80261077	T	0.0651
rs77954367	T	0.0711
rs321395	G	-0.0113
rs74674490	G	0.0416
rs685903	C	-0.0111
rs78106094	G	0.0487
rs36086104	C	-0.0147
rs76554317	G	-0.0266
rs73595281	G	-0.0194
rs2852438	G	-0.0179
rs56338634	A	-0.0198
rs117300895	T	0.0301
rs7129438	G	-0.0123
rs117237158	C	0.0899
rs111882370	T	-0.0568
rs73016417	C	0.0351
rs117598924	A	0.0989
rs2957489	C	0.0179
rs34543083	T	-0.0251
rs7932050	G	0.0962
rs56014415	A	-0.046
rs2004650	T	-0.0344
rs143523940	C	0.077
rs80129374	T	0.0494
rs12799289	A	-0.0135
rs116942541	A	0.056
rs11525368	A	-0.0107
rs7111911	T	0.0616
rs117965770	A	-0.0398
rs55869750	G	-0.0278
rs61918906	G	0.068
rs11821013	G	0.0622

rs76203247	C	0.0464
rs12421447	G	0.0198
rs11225922	C	0.021
rs117875793	T	-0.0385
rs7115455	T	0.0215
rs1232553	A	0.0239
rs117906197	A	0.0659
rs67916527	G	-0.0231
rs12421742	T	0.0143
rs140548972	A	-0.0862
rs78889368	T	0.041
rs10502246	C	0.0188
rs117858865	T	0.0631
rs117831801	C	0.0229
rs1623316	G	-0.0145
rs80300973	T	0.0263
rs142658571	T	0.0313
rs11214868	A	-0.0399
rs151146306	T	-0.0469
rs118170182	A	0.0457
rs34887827	T	0.0534
rs1676517	A	0.0295
rs2271079	T	-0.0173
rs61879374	G	-0.016
rs137954623	T	-0.0592
rs11220911	A	-0.024
rs117286844	A	0.0782
rs1493297	A	-0.0554
rs76635531	A	-0.0462
rs6485631	A	0.0261
rs1961758	A	0.0184
rs117957720	G	0.0577
rs536393	G	-0.0109
rs948006	T	-0.0298
rs76236406	G	0.0193
rs1149576	T	0.0114
rs2897199	C	0.0568
rs4910033	A	0.0398
rs145431788	T	-0.0473
rs75732772	G	0.0462
rs11025093	T	0.0223
rs137894378	A	0.0703
rs12417568	G	0.0128
rs12417641	C	-0.0111
rs147349048	T	0.0819
rs11218556	T	-0.0121
rs11824538	G	0.0442

rs117595751	A	0.0684
rs80136921	C	-0.034
rs111545158	C	0.0547
rs147607611	T	-0.0691
rs115360788	T	0.0276
rs75084671	T	-0.0523
rs11026301	A	-0.0225
rs72915178	A	0.045
rs117777844	G	0.0577
rs12288134	G	-0.012
rs3213229	T	-0.0506
rs117417603	C	-0.0494
rs4944081	A	0.0185
rs78912802	C	-0.0474
rs7103671	G	-0.0113
rs74833118	A	-0.0521
rs118099451	A	-0.05
rs140793618	G	-0.054
rs61892472	C	-0.0332
rs79247135	C	0.0543
rs142026245	G	-0.0299
rs73039381	A	0.0486
rs17664162	G	0.0275
rs118048619	C	-0.0715
rs7948432	T	0.0119
rs11219712	T	0.0242
rs117188441	G	0.0597
rs56135790	G	-0.0161
rs7950334	A	0.046
rs10501965	T	0.0298
rs73392281	A	-0.0267
rs7128118	T	0.016
rs117168596	C	0.0786
rs1825155	T	-0.0121
rs4755318	G	0.0123
rs1964456	C	-0.0129
rs117242643	A	-0.0303
rs512273	G	0.0211
rs510720	G	0.0166
rs144480413	T	0.0516
rs78368496	G	0.0328
rs73531261	G	-0.0489
rs117973008	A	0.0494
rs963497	C	-0.0122
rs34758394	T	0.0503
rs74956663	T	-0.0517
rs12270224	G	-0.0127

rs72861147	A	-0.0156
rs11022580	A	0.043
rs2846703	G	-0.0116
rs143794510	T	-0.0474
rs2853047	T	0.0153
rs10840002	A	-0.0113
rs117928343	A	0.0306
rs12574150	A	-0.0188
rs143659057	A	0.0639
rs142786837	C	-0.0547
rs74586275	G	0.0253
rs61879103	C	-0.048
rs637992	C	0.0124
rs1557482	C	-0.0115
rs413708	A	-0.0148
rs34172484	T	-0.0305
rs74551717	C	0.0416
rs17149130	G	-0.0314
rs118000676	G	0.0425
rs11606692	A	0.0155
rs6592511	A	-0.0627
rs12786343	T	-0.0175
rs117761868	C	0.0309
rs59255385	A	-0.0219
rs73460466	A	-0.0153
rs79338069	A	0.0331
rs12802926	A	0.0166
rs35696005	A	0.0201
rs117244685	G	0.0585
rs112387837	G	-0.0585
rs547021	C	0.0168
rs4937096	T	-0.011
rs116976762	C	-0.0741
rs11234039	A	0.0454
rs117133993	C	0.0646
rs2673331	C	0.0112
rs118049519	C	0.0466
rs2682484	A	-0.088
rs7131992	G	-0.0989
rs10848255	C	0.0739
rs10847131	G	0.0716
rs770369	C	-0.0678
rs1131454	G	-0.1004
rs11613210	A	0.0886
rs11182826	A	0.2475
rs73079818	A	0.444
rs34196696	C	0.0781

rs144589720	A	0.2278
rs10785447	G	0.0647
rs59753713	A	0.3532
rs17789655	A	0.0798
rs11171077	T	-0.0921
rs4919705	A	0.261
rs10860304	A	-0.0644
rs11180177	T	0.1101
rs71461092	T	0.2012
rs12824044	C	0.1661
rs75822727	A	-0.3744
rs56229556	T	-0.0778
rs112347689	T	0.1013
rs144779170	T	0.2942
rs2249838	A	0.108
rs60053128	C	-0.3714
rs10743893	G	-0.0997
rs139601006	G	0.2421
rs113584176	C	0.1486
rs11609798	C	0.0609
rs147910225	T	0.3336
rs16942518	G	-0.1485
rs983459	G	0.1037
rs1975615	T	0.0733
rs12296956	A	0.0889
rs17821235	C	-0.1495
rs11182122	A	-0.1275
rs10784736	G	0.0596
rs7972529	G	0.2224
rs60427776	T	-0.2693
rs113121416	T	0.4134
rs75503773	C	0.2446
rs7301346	T	-0.063
rs11175943	C	0.0579
rs10861632	A	0.0705
rs79291447	G	-0.104
rs11062441	A	0.0747
rs11067652	T	-0.3423
rs73115999	T	-0.2586
rs11174105	A	-0.0564
rs145448201	C	0.2999
rs6746	T	0.2014
rs2701623	C	0.0613
rs117368572	C	0.1848
rs8707	G	0.0775
rs117784206	T	0.1576
rs79146043	G	0.1376

rs7306031	T	0.0881
rs117126372	T	0.2091
rs74894449	T	0.09
rs75191329	A	0.1868
rs10875851	A	-0.0585
rs6538145	A	-0.0767
rs75621786	A	-0.0757
rs59869469	T	0.0718
rs6488945	A	0.056
rs118144642	T	-0.172
rs10772822	T	-0.0835
rs79875796	C	0.1799
rs61935570	C	0.2102
rs61936681	A	0.2796
rs1427980	G	-0.1898
rs147172210	T	0.3621
rs10777647	C	-0.0551
rs80335880	T	0.2493
rs112685682	C	-0.3397
rs10082807	C	0.0589
rs10778667	T	0.0588
rs117348974	T	0.3408
rs28755978	G	0.0746
rs7973769	G	0.0787
rs7962639	C	0.056
rs11113416	T	0.0538
rs10845433	T	0.0785
rs111985454	A	0.0862
rs3851645	A	-0.0934
rs12425072	A	-0.0894
rs77451327	C	0.1489
rs75865259	T	0.311
rs1527076	G	0.0861
rs117060871	T	-0.4212
rs17108960	T	-0.0661
rs17660176	A	0.0786
rs10876968	T	-0.0641
rs28376636	G	0.0993
rs148661302	G	0.363
rs11043785	C	-0.081
rs117253326	A	0.2528
rs10846756	T	-0.0679
rs11045739	C	0.1209
rs112163334	A	-0.0896
rs1989912	A	-0.0528
rs7977127	G	-0.0917
rs149201943	G	0.1912

rs4761728	A	0.0523
rs112629934	A	0.2377
rs11610209	A	0.0779
rs4140768	A	-0.0519
rs310801	G	-0.0522
rs11147230	G	0.0581
rs61921437	T	-0.0883
rs7136496	T	0.0561
rs56294439	T	-0.0599
rs11064707	G	0.1278
rs12227858	A	0.2444
rs17376157	A	-0.0718
rs10843424	T	-0.0548
rs12313587	G	0.2755
rs61922909	A	0.1704
rs11055987	G	0.3322
rs7133958	A	0.1207
rs17101291	G	0.2513
rs147953056	A	-0.312
rs7961593	A	0.0518
rs7303746	G	-0.06
rs10771005	G	0.0507
rs4764408	A	-0.1158
rs7956910	T	0.0813
rs73277142	T	0.2215
rs112771659	C	0.0884
rs1195753	T	0.0854
rs7306598	A	0.0542
rs1482442	C	0.1126
rs79529740	G	0.1945
rs12296348	A	-0.1063
rs1354121	G	-0.0885
rs17102257	C	0.238
rs3816382	G	0.1401
rs61932022	C	0.2365
rs75048880	A	-0.1916
rs77074888	T	0.1687
rs12818282	C	-0.0516
rs118156615	A	-0.1646
rs4237948	A	0.2929
rs12425507	A	0.4036
rs10840614	A	0.0532
rs4931594	C	0.066
rs7978850	T	0.0581
rs35407225	A	0.1598
rs10860231	A	0.057
rs11612015	A	0.321

rs1161108	A	0.0512
rs139674340	A	0.1998
rs10849134	C	0.0655
rs57420222	T	0.1683
rs59008700	A	0.2298
rs11561489	T	0.0595
rs11051686	C	0.0901
rs143391248	C	0.152
rs73305721	A	0.0941
rs2346666	G	-0.0498
rs10847628	T	-0.162
rs11105360	C	-0.0907
rs10773352	A	-0.0497
rs6487366	G	0.0521
rs907485	A	-0.0985
rs7980440	C	-0.0556
rs140200626	C	-0.2605
rs2881860	T	-0.2087
rs117533267	G	0.1868
rs10875664	A	0.0664
rs784858	C	-0.0494
rs10840931	C	-0.0776
rs7963681	A	-0.0621
rs77601604	C	0.2964
rs10860097	T	-0.1728
rs7138715	A	0.0663
rs11177731	T	-0.0585
rs10849644	T	-0.0677
rs73044796	A	-0.1089
rs17030333	T	0.1422
rs117603936	T	-0.1877
rs7330	C	0.0578
rs2189271	C	-0.0476
rs2730467	C	0.0505
rs61925809	T	0.3249
rs34770947	T	0.3404
rs996850	G	-0.0596
rs117426714	T	-0.2973
rs17226486	C	-0.0872
rs140177417	T	0.1172
rs10785579	T	0.0687
rs12306227	A	-0.0918
rs7960249	G	0.1146
rs10492144	G	0.0776
rs11105270	T	-0.0994
rs3782141	A	-0.1528
rs75446108	G	0.41

rs10848445	A	0.0503
rs7302122	T	0.0524
rs140326517	A	-0.2785
rs2649960	G	-0.0524
rs201384	T	0.0654
rs10880444	C	0.051
rs6487583	G	-0.0842
rs7135506	C	0.049
rs11065664	G	0.1663
rs12822480	T	0.099
rs143857827	C	-0.2055
rs7132236	A	-0.1219
rs112429558	G	-0.1797
rs17025408	T	-0.0603
rs7488554	G	-0.0625
rs117716897	T	0.2592
rs116821988	C	-0.0726
rs33912216	A	-0.0949
rs73199409	T	0.2247
rs77437585	G	0.1073
rs117329978	T	0.1871
rs11169105	G	-0.0865
rs143970182	C	0.312
rs10849133	G	-0.0519
rs2303397	T	0.1643
rs61918378	C	0.2265
rs11113411	G	-0.0742
rs2734425	A	0.0773
rs7301269	G	-0.0478
rs4627167	T	0.2736
rs7972868	C	-0.0602
rs12304499	G	0.2287
rs1426622	T	-0.0831
rs2191527	G	-0.1304
rs10842548	T	0.0598
rs11615578	T	0.0565
rs117864746	T	-0.1364
rs11066383	A	-0.0653
rs11609608	T	-0.1108
rs117537383	G	-0.1582
rs838947	A	0.0476
rs4147686	C	-0.2008
rs1704912	G	-0.0623
rs1545495	G	0.1242
rs12816932	G	0.0723
rs2704757	A	-0.0516
rs7300209	G	0.0489

rs7960032	C	0.0518
rs6487131	T	0.1997
rs10848848	T	-0.2328
rs1245642	T	0.0793
rs10047526	T	-0.0674
rs16930563	T	0.0953
rs10870487	A	0.065
rs76728072	G	0.2532
rs6489078	A	0.0577
rs17734375	C	-0.1003
rs78280798	A	0.1538
rs78640564	G	0.2799
rs74587896	C	0.1876
rs11246916	A	0.3842
rs11115628	G	-0.0864
rs57792817	G	0.1746
rs117091460	T	-0.2565
rs56181326	G	0.0802
rs7958302	C	0.2651
rs1397534	G	0.1552
rs7309212	T	-0.0868
rs111550257	T	0.0754
rs76964726	G	0.1039
rs73064556	A	0.1925
rs12581778	T	-0.0467
rs12314925	T	-0.066
rs2920823	C	0.0506
rs7309245	C	0.0711
rs35682190	G	0.0963
rs2370602	C	0.0661
rs2917922	C	0.108
rs1007709	G	-0.0744
rs699605	C	0.0729
rs57709330	A	-0.0499
rs11059727	T	0.0487
rs74769539	C	0.0664
rs118105471	T	-0.3406
rs61926121	C	-0.1127
rs12369766	G	0.0789
rs10849925	G	-0.0487
rs78483417	A	0.1069
rs149225694	A	-0.3346
rs55849521	G	-0.0609
rs12313045	T	-0.0695
rs10848923	C	0.0685
rs3809277	T	0.0828
rs150181827	A	-0.1807

rs77526173	A	-0.1605
rs10785049	C	0.0521
rs77955493	A	-0.3392
rs60399623	A	-0.0789
rs74554917	T	0.1761
rs4767004	G	0.1234
rs10842701	C	-0.0488
rs145264695	A	-0.3322
rs79786886	C	0.2922
rs10507238	A	-0.068
rs2337632	A	-0.061
rs143337912	G	0.222
rs141112401	C	-0.3741
rs34806567	T	0.1803
rs2647916	T	-0.055
rs11058840	T	0.0466
rs11044893	G	0.1016
rs12579053	T	-0.1659
rs113990800	A	-0.142
rs80327461	A	0.2076
rs34330	T	0.0551
rs78463148	T	0.0852
rs874627	T	0.0503
rs12579520	A	0.1026
rs61943369	T	0.0588
rs12228232	T	-0.1403
rs4883195	T	0.088
rs7312789	C	0.0868
rs419838	C	-0.0452
rs1561092	C	0.0452
rs11830871	G	-0.1426
rs12307104	T	-0.1339
rs35962889	A	0.1516
rs4765821	T	-0.0533
rs11177673	A	-0.0916
rs140255323	C	0.1801
rs11062394	A	0.0985
rs4271432	A	0.0796
rs10743769	T	0.0477
rs4766617	T	-0.0464
rs4439590	T	0.0819
rs76566226	T	-0.1591
rs61912233	T	0.1651
rs147788050	G	0.0935
rs75259522	T	-0.1122
rs68142163	T	-0.1343
rs11176921	A	0.0688

rs117671818	T	0.2913
rs78654827	C	-0.1252
rs73177719	G	0.2192
rs1453700	G	-0.0771
rs7136488	T	0.0527
rs146869084	C	-0.1654
rs7964216	C	-0.0521
rs73155352	G	0.156
rs34116035	T	-0.0581
rs11616160	T	0.1953
rs7979510	T	-0.1546
rs7139107	G	-0.1025
rs2638497	A	0.0473
rs833830	C	-0.0837
rs11052075	A	0.1718
rs71459127	T	0.0515
rs78911505	G	-0.0742
rs7965538	T	-0.0553
rs11048455	T	-0.0475
rs76787248	T	-0.172
rs1011347	T	-0.0518
rs61913758	A	0.069
rs12427023	C	0.0676
rs10778520	T	0.0449
rs11107914	A	-0.0908
rs143164350	T	-0.1974
rs10745979	G	0.0658
rs11060087	G	-0.1001
rs141040328	C	-0.1507
rs74508180	G	0.1756
rs11112727	T	-0.1967
rs34489192	T	0.1846
rs75642435	C	0.2027
rs758168	C	-0.0498
rs73343892	C	0.0873
rs147440733	A	0.2744
rs4980852	T	-0.1109
rs2342920	T	0.0486
rs1960380	T	0.0648
rs17112071	C	-0.05
rs35974573	T	0.2873
rs686263	C	0.2417
rs10859419	G	0.0577
rs117789409	A	0.2368
rs149877911	A	0.1165
rs7134275	C	0.0452
rs11068283	A	-0.1714

rs76589409	T	0.183
rs117086889	G	0.3561
rs7953824	C	-0.0448
rs11176106	T	0.0958
rs138048699	A	-0.0753
rs2254705	C	0.0949
rs10848025	A	0.0655
rs697633	A	-0.0499
rs56314457	C	0.0593
rs10878925	C	-0.0452
rs78999542	A	0.1239
rs11063070	T	-0.1148
rs117248061	G	-0.1529
rs142683380	A	0.2818
rs10850121	A	0.0456
rs2467120	C	0.0512
rs7486834	G	0.0462
rs11046997	C	0.0618
rs78726213	G	-0.2386
rs74063803	G	0.2227
rs930900	T	-0.0482
rs118134441	C	0.3832
rs11115371	A	0.286
rs79278833	A	-0.1504
rs73081121	C	0.1008
rs61925674	T	0.216
rs61941227	A	0.0582
rs77134861	C	0.2385
rs143621342	T	0.2081
rs117028083	A	-0.1288
rs12315948	C	0.0735
rs77885228	G	0.0751
rs2710285	G	0.0534
rs2438332	A	0.0908
rs77401945	C	0.32
rs78913991	A	0.1013
rs61937269	C	-0.1464
rs10876654	A	-0.0598
rs147402868	A	0.056
rs139927458	G	0.0934
rs1166773	G	-0.0643
rs73046278	A	0.1004
rs4766227	T	-0.0477
rs145220360	C	-0.1664
rs151289104	C	0.2302
rs117577057	A	-0.1127
rs1596725	C	0.0432

rs118021813	C	0.1186
rs797266	C	0.049
rs11609546	T	-0.0788
rs144861892	T	0.1629
rs12297038	C	-0.3108
rs75810558	C	0.0873
rs7957611	C	-0.1539
rs117745126	C	0.1308
rs2103360	A	0.0426
rs149815361	T	0.1488
rs11053828	G	-0.049
rs1800159	A	0.0456
rs61378614	C	0.0625
rs1532721	C	-0.062
rs12581131	A	0.0651
rs1599851	A	0.0499
rs139065568	A	0.4335
rs11147304	A	0.0488
rs17751196	G	0.0504
rs77081360	T	0.2127
rs1964607	A	0.059
rs3847943	C	0.0596
rs143663440	T	-0.0468
rs7302907	A	0.1181
rs7302925	A	0.0523
rs1056785	C	0.2504
rs10492371	C	0.0736
rs2407282	A	-0.0496
rs2888546	T	0.0498
rs1244883	A	0.0441
rs79330948	A	0.0913
rs11068627	G	-0.0974
rs7314285	G	0.0868
rs34942530	G	-0.0533
rs11113862	G	0.2453
rs7295182	C	0.0497
rs1689513	G	-0.2119
rs2417507	G	0.0596
rs60476107	T	-0.1859
rs7398658	G	-0.0469
rs73107108	C	-0.061
rs142863747	C	0.2106
rs149704101	A	0.1571
rs11176078	C	0.0483
rs10880220	C	-0.0447
rs10771891	T	-0.044
rs10772938	C	0.0441

rs117968806	A	-0.1188
rs17333658	G	0.1712
rs5745855	A	0.0792
rs17092665	C	-0.0897
rs11108170	C	0.0707
rs112336823	T	0.188
rs1155232	C	-0.0631
rs117789228	C	0.195
rs11183116	C	-0.0462
rs10862940	A	-0.0781
rs77774272	C	-0.1045
rs73129642	C	-0.0478
rs79192040	C	0.2118
rs117300028	C	0.2643
rs111256065	T	-0.2773
rs73160952	T	0.1198
rs117561176	C	0.1656
rs7299837	T	0.0491
rs146624843	A	-0.2734
rs7961945	G	0.1042
rs4766529	C	0.0717
rs17805891	G	0.0897
rs7485441	C	0.101
rs79338332	C	0.1936
rs140139100	A	0.2025
rs7301967	T	0.0467
rs57336697	A	0.0883
rs11049085	G	-0.0509
rs11609180	G	-0.0485
rs4766965	A	0.1316
rs73138422	A	0.2353
rs73111421	G	-0.1032
rs2176236	C	0.0413
rs150922679	G	-0.307
rs11061978	T	-0.0504
rs11835006	A	0.0623
rs11574529	T	0.1692
rs17100898	T	-0.2408
rs73607853	A	-0.0958
rs117202026	C	-0.134
rs1345090	G	-0.0478
rs12301709	C	-0.0517
rs79625180	C	0.1215
rs16908406	C	0.1414
rs11065695	C	0.059
rs10850668	G	0.0689
rs35286038	G	-0.0555

rs12371538	T	0.1564
rs77302718	G	-0.108
rs76287543	G	0.107
rs744691	A	0.0522
rs17655673	C	0.2318
rs10505763	T	-0.1622
rs143726418	G	0.1155
rs56011342	T	0.0893
rs34655157	A	0.3332
rs2936838	G	0.0649
rs112706153	G	0.187
rs7303167	C	-0.049
rs7967642	A	0.0651
rs112400217	A	0.2677
rs2352746	G	0.1047
rs2564581	A	0.1248
rs117098985	T	0.2835
rs4913287	C	-0.0996
rs143188022	A	0.3574
rs149373710	G	0.0826
rs12422753	G	0.0542
rs61924613	C	0.0579
rs111952657	A	0.2248
rs10859800	T	0.0522
rs117675249	C	-0.1085
rs11056231	A	0.07
rs143610357	C	0.2685
rs12580174	A	0.0431
rs12810189	T	-0.1285
rs2433644	A	-0.0436
rs7978582	G	-0.0534
rs118078653	T	-0.223
rs73196963	A	0.196
rs144019350	C	0.3537
rs146826478	C	0.1102
rs7958980	T	-0.0732
rs1467356	G	0.0486
rs3020925	G	-0.1729
rs11104784	T	0.0591
rs10850600	G	0.1364
rs138429819	T	0.1517
rs140708463	G	-0.168
rs11058469	T	-0.1689
rs76974754	G	-0.2755
rs78263043	T	-0.156
rs11574029	C	-0.4161
rs148830695	A	0.2646

rs12832870	C	-0.0583
rs822873	T	-0.0435
rs11610235	A	-0.1017
rs17097611	A	-0.1299
rs7962552	A	-0.0453
rs77104423	T	0.0813
rs116863352	G	0.208
rs140496017	T	0.0614
rs7302068	C	0.0614
rs61929273	T	-0.194
rs140777464	G	0.2124
rs7136245	G	0.1035
rs78881160	T	0.1454
rs73305609	G	-0.0686
rs2857663	A	0.0712
rs4764615	C	-0.1239
rs79303786	T	-0.1882
rs75708520	C	-0.1983
rs117801130	A	0.2635
rs7137886	T	0.0414
rs34291988	T	-0.2981
rs10848759	C	0.0634
rs61942177	C	0.0812
rs113002268	A	0.3402
rs4766540	G	0.0641
rs7956449	C	-0.0501
rs2384614	C	-0.0516
rs117601702	A	0.3187
rs35005063	A	-0.1073
rs7965203	T	0.0487
rs10161431	A	0.1607
rs372601	T	0.0454
rs116853276	C	0.1596
rs144748961	C	0.2187
rs11067821	G	-0.0821
rs12322518	A	0.1563
rs2306701	T	0.0446
rs74891472	G	-0.2111
rs10876969	A	-0.1709
rs6490243	A	0.0496
rs55722209	T	-0.041
rs12299814	A	0.0482
rs67114497	C	-0.0561
rs4964599	T	0.2964
rs74239248	A	0.1396
rs149061131	T	0.2027
rs12822229	T	0.1422

rs7955954	C	0.0595
rs2344685	T	-0.0418
rs7976742	G	-0.041
rs117220773	C	-0.1385
rs2161439	G	0.0428
rs2287182	T	0.0752
rs1496858	T	0.0854
rs73101448	T	0.2037
rs145939372	A	0.1756
rs12371619	G	0.1032
rs3819537	C	0.0532
rs71436899	A	-0.1279
rs3736850	T	-0.1318
rs4761369	T	-0.0532
rs11613567	C	0.0569
rs1148528	G	-0.0806
rs4762518	C	0.0421
rs35435570	A	0.0814
rs7306706	G	0.0422
rs784563	G	0.041
rs11612157	T	0.0794
rs12829916	C	-0.11
rs145521729	T	0.2137
rs34542078	T	0.054
rs80336904	A	0.1857
rs11829367	A	-0.1703
rs11613745	T	0.0718
rs1706497	T	0.1181
rs78761288	T	-0.2366
rs7305322	G	-0.2781
rs2235217	T	0.0443
rs708336	T	0.0474
rs12581013	A	0.1073
rs579123	C	0.1171
rs1819020	T	-0.1638
rs826836	A	0.0929
rs6582210	T	0.0469
rs7979466	A	-0.0449
rs74962111	A	-0.0878
rs7977942	G	0.1802
rs117087256	T	0.2687
rs75936148	A	0.0769
rs17765253	A	-0.0513
rs78244967	T	-0.1244
rs200788	C	0.0428
rs1557848	G	0.0634
rs1396204	T	-0.0508

rs12369123	A	-0.0621
rs78592736	T	-0.2078
rs79078147	G	-0.1224
rs146810532	T	-0.1868
rs12828350	T	0.2036
rs10778958	T	0.0671
rs117158575	T	-0.2714
rs139931570	T	0.3096
rs11174360	T	0.0594
rs117837047	G	-0.087
rs7963748	A	0.0459
rs4766854	A	-0.0758
rs9651893	T	-0.0585
rs10492017	A	0.061
rs1993067	T	-0.0625
rs11183822	C	-0.0574
rs644524	A	0.0454
rs61918495	G	-0.0961
rs740852	A	0.1356
rs10744180	C	0.0577
rs10847147	G	0.1848
rs7976313	C	0.053
rs67417726	T	0.0587
rs6488321	C	-0.0395
rs116943751	T	0.1765
rs3892924	C	0.0782
rs17110109	C	-0.0426
rs12231012	G	0.1576
rs116974719	T	0.0977
rs12817883	C	0.0681
rs77086098	T	-0.1418
rs2942379	A	0.0404
rs2407986	A	0.1259
rs118096597	C	0.1328
rs11834045	T	-0.0433
rs12425462	T	-0.3621
rs79178099	C	0.2219
rs61939084	A	0.0455
rs4930827	G	-0.0923
rs146935317	T	-0.4307
rs7962256	C	0.1024
rs73146541	G	-0.0914
rs7967327	A	-0.0416
rs118124680	T	-0.1478
rs2138722	T	0.1458
rs7956443	A	0.0599
rs4768033	A	-0.1096

rs7965971	G	0.0555
rs150293420	A	0.1576
rs1110034	C	0.0634
rs35128337	A	-0.2718
rs7311094	A	0.0433
rs282316	T	0.1492
rs7314268	G	-0.0691
rs111550237	T	0.2156
rs56247952	G	0.1542
rs146833771	G	0.1207
rs61931652	G	0.0477
rs61911984	T	-0.0436
rs832726	T	0.0501
rs3498	G	-0.0758
rs1717325	A	-0.072
rs71456575	C	0.1353
rs3893975	T	-0.0437
rs78450721	T	0.0795
rs111669765	G	-0.1962
rs73193626	T	0.0706
rs501004	G	0.0481
rs11169757	C	-0.0432
rs247336	C	0.073
rs74893152	C	-0.092
rs139694673	C	-0.1685
rs73092956	T	-0.1441
rs2682332	C	0.0871
rs4842416	A	0.1135
rs149370137	C	-0.2394
rs34823840	T	0.204
rs7301304	G	0.0475
rs2418083	A	0.0453
rs76023170	A	-0.1099
rs10845895	G	-0.0556
rs28644184	T	-0.0609
rs73156943	T	-0.0656
rs11063354	G	0.0809
rs11169001	G	0.1919
rs111533601	C	-0.0442
rs1388681	G	-0.0429
rs312137	T	-0.0461
rs2377094	C	0.045
rs35642650	C	0.0594
rs74580164	C	-0.2226
rs12824299	C	-0.0487
rs6489992	A	-0.0413
rs117900047	T	-0.2749

rs7298967	C	-0.1806
rs1894306	T	-0.0408
rs10748319	T	0.0824
rs4492896	A	-0.0889
rs66867812	C	0.1377
rs7966132	T	0.1511
rs55685136	T	-0.111
rs61908605	C	0.0725
rs17116024	A	-0.1154
rs111309051	G	0.1558
rs1245641	T	-0.0563
rs2270788	C	-0.0684
rs61915286	C	0.2689
rs11065156	G	-0.2711
rs139899587	T	-0.0993
rs117436007	C	0.1126
rs16947883	C	-0.2492
rs12314134	A	0.1399
rs10507220	A	0.205
rs76629482	G	0.0529
rs1691627	A	0.0413
rs117669383	A	0.1629
rs7970400	C	0.0587
rs138861933	T	0.178
rs12827304	A	0.0988
rs115585918	A	0.122
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rs35387762	A	0.0442
rs33925480	T	0.0579
rs117621335	A	-0.1097
rs76127038	G	0.0744
rs2607894	T	-0.0415
rs7136385	C	0.125
rs10862697	C	-0.1855
rs61938654	A	-0.2134
rs12228022	T	0.0624
rs1076344	G	0.0471
rs10770514	T	-0.041
rs1717399	A	0.0393
rs2086674	C	0.075
rs76222399	T	0.0912
rs61933609	C	-0.1279
rs17407618	G	0.1293
rs17037206	G	0.0645
rs1463652	C	0.0414
rs11063027	A	0.0779
rs11059252	T	0.0799

rs77388553	A	0.1672
rs11836973	A	-0.1846
rs10847216	A	0.0465
rs112860699	T	-0.1031
rs11179056	A	0.074
rs11114408	A	-0.046
rs10783990	G	0.0395
rs75309645	A	0.0902
rs741290	T	-0.055
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rs79456507	T	0.2634
rs1515557	G	0.0388
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rs11054704	A	0.0531
rs7974049	C	-0.0724
rs61936296	A	-0.1079
rs11178310	C	0.1455
rs11059255	C	-0.0455
rs7303497	C	0.0683
rs150302366	A	0.1541
rs140777174	T	0.2617
rs147541107	G	-0.1716
rs12297153	C	-0.0445
rs7132127	G	0.0432
rs117887449	C	-0.1918
rs11109163	G	-0.0884
rs113183821	G	0.2095
rs11174335	G	-0.0427
rs148740880	G	0.1827
rs4762405	G	-0.0439
rs17769918	A	-0.0806
rs4768086	G	-0.0383
rs12311399	C	-0.0861
rs11044716	C	-0.0632
rs56024609	T	-0.0965
rs17604972	A	-0.0981
rs79182306	A	0.0694
rs117135060	A	0.2223
rs151201528	G	-0.3208
rs16931790	C	0.1028
rs1386482	T	0.0388
rs4134458	A	0.0848
rs12822588	T	0.1289
rs78966679	T	0.0972
rs4842665	A	0.043
rs34592443	T	0.1078
rs2043624	C	0.122

rs76420646	C	0.1289
rs7133547	C	0.1013
rs60655408	A	-0.0976
rs11176012	T	-0.0842
rs116854032	T	0.1594
rs6539174	A	-0.038
rs78241644	A	0.1085
rs143287248	A	-0.1354
rs111509072	C	0.3152
rs117495386	C	-0.2764
rs1498748	C	0.0441
rs116121698	C	-0.1355
rs1860097	T	-0.048
rs2954981	A	-0.117
rs12826974	C	0.0456
rs61926897	A	0.0429
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rs71460343	A	0.1056
rs1419616	T	0.0516
rs17505856	A	-0.0799
rs7953524	G	0.0435
rs77587063	A	-0.0801
rs7962561	C	0.0539
rs11832813	C	-0.0953
rs7977816	A	0.0441
rs7132256	C	0.1048
rs61015779	G	-0.0821
rs140797850	C	0.1767
rs10506336	C	0.0701
rs75722275	T	0.2129
rs11564263	G	0.0391
rs12304327	A	-0.0425
rs10841008	A	0.0375
rs17809806	T	0.0512
rs113397318	G	0.1753
rs74493606	G	0.1992
rs17547650	A	-0.0436
rs1122148	C	0.1042
rs1445435	T	0.0701
rs2701285	C	0.039
rs10082967	G	0.0475
rs149992069	G	-0.253
rs80166842	T	0.1387
rs3886355	A	-0.0782
rs1833245	A	-0.1272
rs71455226	A	0.1858
rs7134021	T	-0.0396

rs1148412	C	-0.0395
rs10848875	G	0.1152
rs1861487	C	-0.0457
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rs11061531	A	-0.1136
rs11524058	T	0.1324
rs6490063	T	-0.0404
rs73111236	C	-0.0818
rs75175522	T	0.1194
rs7975277	G	0.1107
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rs139995578	G	-0.1365
rs7133507	C	0.0739
rs1396208	T	-0.0395
rs7959163	C	0.0554
rs117874807	T	0.2933
rs591992	T	-0.0499
rs73475574	A	0.1026
rs11109810	A	0.0689
rs59580770	A	-0.0868
rs10876525	C	-0.0625
rs146774219	T	-0.1324
rs4764754	G	0.2561
rs79079378	G	-0.0858
rs75963431	A	-0.0549
rs1696326	T	-0.1056
rs869331	T	-0.0441
rs140050920	C	0.2073
rs980365	C	0.0387
rs7302326	C	0.0694
rs4335617	G	0.0526
rs2645900	A	-0.054
rs1049381	A	0.0504
rs68071847	G	0.0784
rs11047408	C	0.0527
rs1461045	G	-0.043
rs117738722	T	0.1625
rs4259894	T	0.1219
rs2102294	A	-0.0799
rs1549412	A	0.0617
rs7136353	C	-0.0439
rs73160980	T	-0.0556
rs2200743	G	-0.0396
rs11112850	G	-0.1978
rs11046126	T	0.1537
rs7316397	A	0.0468

rs10161449	T	0.0925
rs11057482	T	0.0366
rs4766630	T	0.0997
rs2090836	T	0.0442
rs717995	T	-0.1238
rs6539137	A	0.0585
rs710681	C	-0.0373
rs73216698	T	0.1447
rs73130166	A	0.1453
rs77237569	C	0.1105
rs140297443	G	0.2778
rs17118032	C	0.1778
rs28758182	G	0.1913
rs4930729	T	0.061
rs111943990	A	-0.3857
rs4882273	C	-0.1492
rs7311910	A	0.0493
rs7306923	T	0.0536
rs117462747	A	0.1967
rs7399006	C	-0.0396
rs117887720	C	-0.3046
rs79455332	T	0.2778
rs117132536	T	0.1136
rs11112997	C	0.0415
rs6487294	A	0.0392
rs10879428	C	-0.0463
rs141980366	T	0.1329
rs10774689	A	0.0388
rs78004438	T	0.3288
rs77551688	G	0.0473
rs1567163	G	-0.0751
rs76084902	C	0.2774
rs76485363	T	-0.185
rs76869634	T	0.1685
rs117093885	A	-0.0592
rs7299394	A	0.0798
rs2366149	T	0.0454
rs145121080	G	0.2649
rs138423519	C	0.2042
rs76043385	A	0.1539
rs2131705	G	-0.0374
rs79686186	G	-0.1807
rs12812325	C	-0.0423
rs118135133	G	0.1759
rs12423120	G	-0.06
rs73132999	G	0.147
rs1035105	C	-0.0389

rs7312385	G	0.0432
rs61910038	T	0.1217
rs35039890	T	-0.0753
rs78251066	G	-0.3565
rs11055852	T	0.0723
rs6489691	C	0.1579
rs10773966	G	0.0559
rs1574157	A	-0.0765
rs10771279	C	0.0384
rs147444527	C	-0.1495
rs74820622	T	-0.1622
rs141357113	A	0.1431
rs1427988	C	-0.0422
rs888558	G	0.2591
rs61940867	G	0.0976
rs35424	G	-0.0698
rs73155380	T	-0.2168
rs17581068	A	-0.0726
rs13328968	A	0.1231
rs140604982	T	-0.1266
rs11522342	T	0.0731
rs35573730	G	0.0404
rs74360584	G	0.142
rs11178391	T	-0.0484
rs34564240	C	-0.106
rs36121433	T	0.1128
rs12580078	T	0.0427
rs76365233	G	-0.0743
rs7308588	A	0.0677
rs73149911	C	-0.1336
rs1498885	A	-0.0428
rs61931637	A	0.1359
rs11172824	T	-0.0572
rs11181634	T	0.0633
rs77386503	C	-0.2552
rs112826760	T	-0.1907
rs66994330	A	-0.0734
rs139948460	A	0.234
rs149004555	A	0.287
rs10734850	G	0.04
rs79753941	T	-0.1694
rs1552755	G	0.0374
rs78105838	T	-0.1587
rs144358292	T	-0.15
rs11055323	C	0.0431
rs141184582	C	-0.1713
rs61913549	C	0.0527

rs141326009	T	0.1947
rs11065049	A	-0.1945
rs117947244	A	-0.1954
rs7112	C	0.13
rs113223738	T	0.0504
rs7306269	A	-0.0655
rs825085	A	-0.0549
rs150493888	A	0.2017
rs7968740	G	-0.0366
rs10778284	A	-0.0534
rs12370537	C	-0.1055
rs117104353	T	0.1343
rs3751191	A	0.1376
rs4763961	A	-0.0391
rs1614888	G	-0.0452
rs7965182	A	-0.0904
rs146422126	C	-0.1574
rs79722647	G	0.0678
rs117532831	A	0.0641
rs76675543	T	0.0997
rs149925413	C	0.2112
rs11170118	T	-0.0934
rs17782050	T	-0.0424
rs55902604	C	0.06
rs59000311	C	-0.0763
rs1548560	A	-0.0405
rs4465444	T	-0.1962
rs4400886	C	0.0598
rs143737288	T	-0.1249
rs12367587	A	0.1718
rs111694343	C	-0.2141
rs10849941	A	0.0452
rs1717387	C	-0.0482
rs76737173	A	0.1241
rs61939486	C	-0.0657
rs11178152	C	-0.0598
rs117148165	C	0.0958
rs117701839	C	0.1378
rs17014284	T	-0.1794
rs117443606	T	0.08
rs74664522	A	-0.1952
rs10876228	T	0.0442
rs12305483	C	-0.0485
rs10860066	G	-0.0487
rs36076328	G	-0.0956
rs4964982	T	-0.0389
rs56662293	T	0.0834

rs61915175	A	0.0805
rs1732803	T	-0.0389
rs56974867	T	0.1035
rs79407524	T	0.3037
rs112899510	A	-0.1421
rs2283285	G	-0.0433
rs117694678	A	0.1725
rs17807306	A	0.0715
rs11246948	A	0.0531
rs61943553	G	0.2664
rs10862812	T	0.041
rs55768952	G	0.1945
rs76439304	T	-0.0574
rs35969410	A	-0.0816
rs55692509	A	-0.1456
rs859134	A	-0.0377
rs258418	T	0.0889
rs11611634	A	-0.1181
rs74357082	G	0.1773
rs10748452	C	-0.1286
rs10745486	C	0.0725
rs61939808	T	0.0989
rs117581417	A	0.1731
rs2172276	C	-0.0389
rs12582726	A	0.0663
rs149637240	A	0.2891
rs74755127	A	0.1036
rs7956318	A	0.0639
rs146137539	T	0.1213
rs10744459	T	-0.0785
rs143254896	G	-0.2349
rs10466808	T	-0.0372
rs116988674	T	-0.1748
rs11065711	C	0.0456
rs7976986	C	0.0413
rs7959990	A	0.0444
rs77381836	G	0.135
rs7312347	C	0.0489
rs74436945	C	-0.2197
rs149842897	T	-0.2448
rs7955625	A	0.0747
rs73090082	T	-0.148
rs56408642	A	0.0834
rs77841044	A	-0.1967
rs11107532	C	0.0993
rs873908	A	0.0376
rs75364951	G	0.1644

rs73147043	G	-0.0446
rs924835	A	-0.0362
rs3861897	A	-0.0353
rs1639122	A	-0.0374
rs73085186	A	-0.0742
rs61939102	T	-0.1201
rs10845412	A	-0.0539
rs35607930	T	-0.0635
rs938031	C	-0.0567
rs11174530	T	-0.0418
rs7294770	A	0.0448
rs150201519	T	0.2684
rs79715714	G	-0.0458
rs73070657	G	0.0975
rs12824290	A	-0.0866
rs138966349	G	-0.2114
rs12307334	C	-0.1221
rs7969100	T	0.0442
rs73133988	G	-0.092
rs11180125	C	0.0951
rs11064494	T	-0.1688
rs7959194	A	-0.0563
rs53025	T	0.0411
rs1851084	A	0.043
rs11059332	C	0.0624
rs78411722	A	0.2269
rs41329849	G	0.0879
rs11172598	G	0.0353
rs17628141	T	-0.2848
rs146552095	C	0.207
rs142390503	T	-0.151
rs7305693	G	-0.0373
rs11177407	G	-0.0394
rs71453765	G	-0.2125
rs73112585	T	0.0869
rs1882314	T	-0.0425
rs146148704	T	0.1818
rs11107982	T	0.0841
rs73039669	A	0.1129
rs7301631	T	0.0375
rs7964022	A	-0.0585
rs12810252	A	-0.044
rs10842203	G	0.0359
rs6487834	T	0.0462
rs117703564	G	-0.1682
rs11172769	C	-0.1048
rs1239917	C	-0.036

rs7301168	A	-0.252
rs7303431	A	0.0363
rs116859766	A	0.4027
rs9669622	A	0.0699
rs12314978	G	0.0363
rs112920945	A	-0.2673
rs4767359	C	0.0355
rs2657576	G	0.274
rs75162007	A	0.0951
rs4931222	G	0.0967
rs57537954	C	0.0886
rs1148407	G	-0.04
rs5742658	G	-0.1282
rs12368284	G	-0.0397
rs148855946	C	-0.1155
rs79572900	G	-0.1875
rs55664411	C	-0.26
rs4765723	G	0.0521
rs117771651	G	-0.1431
rs11177228	G	0.0464
rs10771792	C	0.0356
rs146577532	C	-0.1363
rs7303965	C	0.1897
rs10842235	T	0.1586
rs118148371	T	0.229
rs6489371	C	-0.046
rs35974564	T	-0.0809
rs17616683	C	0.2502
rs117550470	C	0.2016
rs73040424	T	0.1669
rs138290369	A	0.1363
rs4759206	A	-0.0577
rs1874902	A	0.0398
rs4511317	A	0.222
rs146192889	C	0.2086
rs7956560	G	0.0489
rs6538318	C	-0.0477
rs12322637	G	0.0592
rs11116878	C	0.2485
rs11066840	T	0.0631
rs2280684	G	0.0367
rs117402167	A	0.136
rs78269518	T	0.0595
rs4142700	A	0.1052
rs11107412	C	-0.0359
rs2373201	T	-0.0426
rs7299785	C	-0.2454

rs117445836	T	0.0752
rs147396664	G	0.1768
rs9658605	C	-0.0839
rs10861534	G	0.0366
rs117617319	T	-0.0954
rs2217228	T	-0.0374
rs10878500	C	-0.0488
rs10744893	G	-0.0401
rs17811578	G	0.1613
rs59210689	A	0.0454
rs148914606	C	-0.2286
rs11045212	G	0.3244
rs7976765	T	0.0552
rs11609038	C	0.0908
rs7135966	G	-0.1085
rs6488064	G	0.0419
rs704083	A	-0.072
rs147593470	C	0.1677
rs117597363	C	0.1901
rs149619790	T	-0.1433
rs11612037	T	-0.0995
rs11112734	G	-0.169
rs3983739	G	-0.0502
rs17536158	T	0.0591
rs111280479	C	-0.062
rs1898305	G	-0.0401
rs111365578	A	0.2179
rs4436644	T	0.059
rs76842971	G	-0.1749
rs17841963	G	-0.3015
rs10506594	G	0.0957
rs10861497	A	-0.0367
rs61914380	A	-0.2256
rs11061318	T	0.138
rs11170472	T	0.0696
rs79730620	T	0.2276
rs77995832	T	0.0965
rs34187325	T	-0.0495
rs59665078	C	-0.0826
rs12368757	T	0.1323
rs1682420	A	0.0465
rs11069031	A	0.0373
rs56200422	G	-0.1729
rs6582670	C	0.0965
rs1580855	T	-0.0551
rs11048655	C	0.1148
rs117454499	C	0.2496

rs112533542	G	0.1162
rs73189803	T	0.1544
rs12824102	T	0.1225
rs28808573	A	0.0542
rs117644523	A	0.1507
rs150742581	A	0.1458
rs1405973	T	-0.059
rs143614879	C	0.198
rs142857974	T	0.1654
rs7133031	T	0.0405
rs11054347	A	0.078
rs4346008	T	-0.0429
rs144759357	A	0.1159
rs148408268	G	0.1317
rs225506	T	0.0438
rs66891956	G	0.0398
rs2588340	C	0.0775
rs12426988	A	0.0913
rs11170178	A	-0.113
rs2470408	T	-0.0441
rs56771264	G	0.1134
rs7307560	A	-0.0518
rs78164024	C	-0.0991
rs901700	T	-0.0429
rs113467777	G	-0.0403
rs12317340	T	0.0878
rs35019336	A	-0.1154
rs76278674	G	0.1769
rs12297221	A	0.0554
rs150433075	A	-0.1258
rs140552304	C	-0.1627
rs142268646	C	0.1625
rs117738257	G	-0.1816
rs78205332	G	-0.1307
rs11114086	T	0.0467
rs36113608	T	0.0441
rs7956157	C	-0.0542
rs952093	C	0.0846
rs56245751	C	0.0767
rs117097245	C	0.2243
rs117954190	C	0.2601
rs117287336	T	0.1228
rs1249391	G	0.0381
rs17034439	A	0.0542
rs12366839	G	0.0538
rs12369012	T	-0.0529
rs141785230	G	0.0997

rs7971470	A	-0.0467
rs1895985	C	0.1144
rs77699071	T	-0.0767
rs147417633	T	-0.2898
rs6490295	T	0.0425
rs73068604	C	0.1842
rs1351331	C	0.0367
rs111995809	T	-0.19
rs73181336	A	0.2426
rs138153943	A	0.2577
rs4758651	G	-0.0408
rs115903370	G	-0.1488
rs7299497	T	0.0521
rs112114585	T	-0.0988
rs17098170	A	0.187
rs117797527	T	-0.1559
rs7397684	G	-0.0401
rs61939371	C	-0.1084
rs117471059	C	-0.1234
rs78920496	T	0.1496
rs12826603	A	0.0436
rs2969086	C	-0.0373
rs138530718	G	0.2235
rs76741274	G	0.0911
rs78261580	T	0.1365
rs2127532	T	0.0447
rs12422949	G	0.0442
rs12812637	A	0.0663
rs10860525	T	0.0371
rs997373	A	0.0521
rs7975496	G	0.1859
rs117940653	C	-0.1805
rs7297897	T	0.0435
rs10842251	T	0.2119
rs7297533	G	-0.0641
rs11836987	C	-0.0385
rs61926884	T	0.0501
rs147120290	A	-0.1407
rs74795156	C	-0.2146
rs79187501	G	-0.1848
rs7970731	C	-0.0363
rs1356818	G	-0.0412
rs17092730	C	-0.0415
rs75719543	C	-0.2325
rs76131133	T	0.1381
rs12424322	A	-0.056
rs61931406	C	-0.0847

rs10843869	A	0.0353
rs74615663	C	0.2717
rs73160146	G	0.1036
rs74942782	T	0.1613
rs73346837	A	0.1193
rs78430096	A	-0.1242
rs71441744	A	0.1444
rs12811319	A	0.2265
rs35351849	G	-0.0496
rs658604	T	0.0519
rs10840764	C	-0.0392
rs78891206	A	0.0992
rs79193093	T	-0.1148
rs2556510	C	0.0391
rs2301333	A	-0.0835
rs17098851	T	0.0678
rs12308700	A	0.0384
rs7304237	G	-0.0725
rs76928216	G	-0.1178
rs75160373	A	0.2248
rs74354194	C	-0.1113
rs149350184	T	-0.2039
rs10745715	A	-0.0347
rs61945400	A	0.2085
rs12826413	C	-0.0499
rs28868112	T	0.0639
rs16943097	A	0.1488
rs35472876	A	-0.1367
rs17235923	C	0.0728
rs11835409	T	-0.1052
rs7310979	G	-0.1052
rs73195085	T	0.0511
rs10161197	G	0.0608
rs117656917	C	0.1608
rs61733025	T	0.1205
rs4372527	G	0.0482
rs7305247	A	0.0767
rs143751422	C	0.0903
rs7974523	C	-0.1798
rs7954112	A	-0.0361
rs1669947	A	-0.0359
rs7295520	T	-0.0443
rs4768441	T	-0.0375
rs75256191	T	-0.1367
rs1552421	G	0.1108
rs2239137	A	-0.1362
rs10773632	G	0.0369

rs73337230	T	0.0747
rs61933104	C	0.1099
rs12811129	C	-0.1004
rs11061662	A	0.0351
rs80265504	C	0.2051
rs10748078	A	0.0426
rs55937535	C	0.1462
rs10876488	G	0.0374
rs11053624	C	0.0616
rs74111837	T	-0.1246
rs7485181	T	0.1479
rs1169961	C	0.0512
rs67041797	C	-0.0406
rs12230146	A	-0.0793
rs6580848	G	0.0478
rs144594562	T	0.1708
rs74356386	A	0.0802
rs7952874	C	0.1071
rs7958405	C	0.0476
rs276080	G	-0.0521
rs2870957	C	0.0404
rs117751027	A	-0.2275
rs117416600	A	0.1781
rs11054373	A	0.0584
rs7961443	T	0.1823
rs75227212	C	-0.1079
rs74837783	C	-0.0974
rs148226777	G	-0.1724
rs6582630	G	0.0341
rs117075373	T	0.1793
rs10876535	T	0.0462
rs11611771	G	0.2449
rs4767413	A	-0.041
rs79135816	T	0.0792
rs12369461	A	-0.0379
rs2417767	G	0.039
rs76736959	T	0.2319
rs2970824	A	0.0421
rs2062494	G	-0.0476
rs12578852	T	0.0809
rs75874281	C	-0.0943
rs75278326	G	-0.1151
rs11173686	C	0.043
rs11495440	C	0.1205
rs150377604	A	0.1943
rs4963758	C	-0.0488
rs10847518	A	0.0583

rs2417797	T	-0.0915
rs76134062	T	0.1346
rs12302592	A	-0.0606
rs116899747	T	-0.2037
rs112963305	G	0.0608
rs12303865	C	-0.043
rs4036462	G	0.0394
rs8285	C	0.2355
rs79401334	G	0.2203
rs10735337	T	-0.0355
rs11045164	G	-0.0404
rs7135320	T	-0.1591
rs4312136	T	-0.0597
rs10860170	A	-0.0387
rs17588249	T	0.0542
rs80009783	T	-0.0705
rs117864303	T	0.1203
rs113549340	C	-0.0863
rs143524112	C	-0.1777
rs2054437	A	-0.0595
rs714630	T	-0.0679
rs77038962	C	-0.2139
rs73211583	T	0.0981
rs74342262	G	0.0707
rs112264763	C	-0.0632
rs11054425	A	0.0384
rs75227732	G	-0.0871
rs714844	T	0.1302
rs3890838	A	0.0717
rs76633920	C	-0.0623
rs10459123	T	-0.0476
rs76110960	T	0.1653
rs10492034	G	-0.0778
rs148644076	G	-0.0518
rs708860	G	-0.0373
rs61926875	A	-0.0463
rs77554828	A	-0.3139
rs17114487	C	0.0615
rs4760415	T	-0.0453
rs61912184	C	0.1363
rs4469989	T	0.0391
rs61922607	C	-0.0923
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rs59936784	T	-0.105
rs76204681	A	-0.1116
rs11615731	G	0.0587
rs61914506	C	-0.2698

rs825960	G	-0.077
rs117503763	T	-0.1324
rs10492179	T	-0.0361
rs1517735	C	0.0486
rs12829554	C	-0.0513
rs78912264	C	0.2106
rs12371684	T	0.0596
rs75505823	T	0.1146
rs4931655	G	-0.0662
rs117058953	A	-0.2322
rs7958453	A	0.036
rs2014130	G	-0.0344
rs146749383	C	-0.1876
rs117090560	T	0.1411
rs11180726	G	-0.036
rs66484911	C	-0.04
rs6581228	C	0.0465
rs118008293	C	0.0942
rs78018855	T	-0.098
rs4760495	C	-0.0556
rs11613334	G	-0.0859
rs1672292	T	0.0568
rs78871589	C	0.0617
rs7976166	G	-0.0508
rs61939324	A	0.1521
rs7135527	T	-0.1438
rs117324677	T	-0.0836
rs56803270	A	0.15
rs10743556	C	0.1172
rs11054830	C	0.0375
rs117005488	C	0.1093
rs12300409	C	-0.0606
rs1148540	T	0.0346
rs939474	T	0.0344
rs12297968	C	0.0976
rs6582495	G	0.074
rs35607532	A	-0.1983
rs17769699	G	-0.0659
rs77458703	A	0.2082
rs12313073	T	-0.0487
rs4964475	T	-0.0581
rs117603493	A	-0.1382
rs118021329	C	-0.1932
rs7485817	T	0.0413
rs7299526	G	-0.2675
rs118185239	T	0.0707
rs139302800	G	0.1959

rs6489521	A	0.0408
rs10877477	A	0.0407
rs76819238	A	0.2214
rs11522924	T	-0.098
rs1908667	T	0.0351
rs79397970	T	-0.076
rs4931003	A	0.0522
rs117643257	A	0.3447
rs111233496	T	0.0426
rs117040975	A	-0.1496
rs137899347	T	-0.1205
rs1641633	C	0.0452
rs12307230	T	-0.0348
rs11057936	T	0.0363
rs2196426	T	0.1163
rs142284486	A	0.1719
rs61918685	C	-0.0974
rs78211182	C	-0.0987
rs10047514	A	0.0371
rs79457971	A	-0.1512
rs7135214	A	0.0664
rs143563344	A	0.1511
rs73119057	A	-0.1724
rs58914571	A	0.1967
rs11068028	G	-0.1838
rs77639349	T	-0.1783
rs11061418	T	-0.0482
rs1641642	A	-0.0342
rs4964292	C	-0.0745
rs80094648	G	0.042
rs11057570	T	-0.0921
rs150669591	G	-0.109
rs1949427	T	-0.0357
rs4408387	A	0.0416
rs992720	A	0.1171
rs4319556	A	0.128
rs116243872	C	-0.1939
rs17860381	T	0.0869
rs214660	T	-0.0588
rs73093163	C	0.131
rs34071617	T	0.1069
rs4761581	G	0.0458
rs76365243	T	0.2093
rs12372539	T	-0.0618
rs117494333	A	0.2413
rs12582845	T	0.0584
rs1153047	T	-0.0358

rs10846949	T	0.0477
rs116875637	G	0.157
rs71465868	A	0.1573
rs9645815	C	0.1341
rs11065225	G	0.06
rs145682770	G	0.2009
rs150282259	C	0.0768
rs77213757	T	-0.1386
rs149997604	A	0.1227
rs61937252	G	0.0865
rs4767735	T	0.0344
rs74448667	C	-0.0791
rs61909651	T	-0.0991
rs17579603	C	-0.0752
rs7137478	T	-0.0451
rs79147336	G	0.1707
rs2243588	T	0.044
rs997358	T	0.0377
rs113205216	A	0.0647
rs12812413	A	-0.0632
rs7305947	T	-0.0682
rs73308015	C	0.1881
rs11610884	A	0.0497
rs750278	G	0.0374
rs117418380	T	-0.0616
rs1247928	C	0.0337
rs2669159	T	0.0549
rs6582446	A	-0.1664
rs7296435	G	0.0608
rs12230911	C	-0.0401
rs1865914	G	0.0778
rs17807046	A	-0.1137
rs1961779	C	0.0521
rs28449388	G	-0.0512
rs11065287	T	0.0367
rs151068476	C	0.2984
rs149666165	G	0.091
rs117512999	C	0.1719
rs1127448	T	-0.0383
rs10843215	C	-0.0787
rs7962884	T	0.0366
rs1634821	G	-0.0424
rs117084968	G	0.2138
rs7313153	C	0.0567
rs113191310	T	-0.0351
rs7977472	T	0.0337
rs112818250	A	-0.0532

rs139339140	A	-0.3603
rs11106376	A	0.0767
rs116877522	T	-0.1418
rs73106156	A	0.042
rs6581895	C	0.0405
rs73215568	C	0.0405
rs7970581	T	-0.0414
rs143922416	A	-0.2893
rs7976208	G	0.0432
rs7974561	A	0.0916
rs10770659	G	-0.0379
rs76136576	A	0.1704
rs7961259	A	0.0454
rs117496515	A	0.0776
rs116939269	T	-0.1708
rs4898533	G	0.0799
rs7485093	A	0.1502
rs10506910	G	0.0419
rs6538465	G	-0.0366
rs12320027	C	-0.0565
rs2632635	T	0.2337
rs7297761	G	-0.0339
rs10743980	T	0.0341
rs4315134	T	-0.0356
rs11104467	C	-0.1065
rs61927435	A	0.0942
rs1004207	A	0.0929
rs11172506	C	0.0413
rs113645269	A	0.1698
rs61929870	T	-0.2033
rs10744371	C	-0.0338
rs147658093	T	-0.1626
rs11103960	G	-0.0634
rs34764275	C	-0.167
rs35285730	A	-0.1741
rs312145	C	-0.0357
rs2870938	T	0.0467
rs78270683	G	0.1011
rs11050945	G	-0.0894
rs112964516	A	0.1469
rs73124589	A	0.2311
rs4536277	C	-0.0366
rs345705	G	-0.0374
rs117262433	T	-0.1918
rs76168682	G	0.1853
rs11044954	T	0.0349
rs1147283	C	0.2197

rs6490188	T	0.0382
rs12305678	G	-0.068
rs34052151	A	-0.0517
rs2203474	G	-0.0974
rs148930207	A	-0.2933
rs10843990	A	-0.0356
rs4762071	A	0.0775
rs34013262	T	-0.0955
rs116873137	G	-0.172
rs55884314	C	0.0678
rs1438996	C	-0.0639
rs17350601	C	-0.0451
rs555781	G	0.044
rs12372138	C	0.0455
rs141039008	T	0.2033
rs827799	A	0.0434
rs12228324	A	0.1148
rs2717441	G	-0.0468
rs11046726	A	-0.12
rs4760806	A	0.1893
rs7962484	G	-0.0442
rs76885547	T	0.075
rs17756934	C	-0.0829
rs9645732	C	-0.0774
rs35295801	A	0.0583
rs6486717	T	0.0355
rs117498071	G	-0.1531
rs12814605	T	-0.0507
rs7300428	T	0.0372
rs79734596	T	-0.1783
rs61916737	T	-0.0355
rs1458611	T	0.0689
rs11063490	G	0.0742
rs10845905	G	-0.0342
rs28362802	G	0.0593
rs61651250	C	-0.0641
rs79687915	A	0.1098
rs11112154	A	-0.0589
rs12426931	T	-0.1068
rs17836804	T	0.0811
rs140360841	C	0.1782
rs35499976	G	0.0486
rs1259881	C	-0.0339
rs117510453	A	0.0804
rs117744341	G	-0.1915
rs17193733	G	0.0496
rs79479315	G	-0.2365

rs144601208	A	-0.213
rs7965125	T	0.0347
rs118147910	A	0.1504
rs118048994	A	-0.1515
rs61929225	G	-0.1485
rs12368040	T	0.1293
rs4015379	G	0.0487
rs4763301	T	-0.0429
rs10743569	C	0.0489
rs74694919	C	0.1186
rs2385131	G	0.0665
rs141321164	A	-0.0739
rs73095414	G	-0.0437
rs80350766	A	-0.0829
rs4453314	G	-0.0945
rs117907702	G	-0.1566
rs144058974	G	-0.2672
rs7963963	C	0.1169
rs75588547	G	0.1504
rs73112455	C	0.2872
rs144349093	A	-0.1968
rs1215608	A	0.0323
rs146148564	G	0.0716
rs17024823	A	0.113
rs7300455	G	0.0723
rs11170660	G	0.0503
rs78177289	G	0.231
rs1167121	T	0.037
rs7298431	A	0.0502
rs1193384	G	-0.0519
rs61937008	T	0.144
rs73039874	A	-0.0983
rs78010224	T	0.1769
rs141199600	A	-0.179
rs11180170	T	-0.034
rs117598825	G	0.1362
rs6598190	A	0.0641
rs4406865	T	-0.0354
rs76323349	C	-0.1799
rs76334907	A	0.0575
rs7487017	G	0.0389
rs11061135	A	0.0676
rs78008978	T	0.1311
rs12425342	A	0.0874
rs2662802	T	-0.0334
rs76204349	C	0.0606
rs117321741	G	-0.1762

rs112133274	G	-0.2086
rs143690594	T	0.1807
rs112127843	G	-0.1094
rs1914361	G	-0.0323
rs34311349	A	-0.1421
rs17221899	G	-0.0643
rs4764106	G	0.0348
rs2532501	A	0.036
rs12367356	G	0.2217
rs17370584	G	0.1168
rs1797733	A	-0.0322
rs11831493	A	-0.0396
rs76001355	A	-0.2866
rs1193381	C	-0.0359
rs2907506	T	0.189
rs118067023	T	0.1574
rs11056992	G	-0.0328
rs1511959	T	-0.0331
rs61751318	T	0.1841
rs113992547	T	0.0957
rs56168957	A	-0.1814
rs76155771	G	0.1306
rs117688935	T	-0.1076
rs4931290	T	0.0791
rs111329535	T	0.2173
rs77648802	G	-0.0946
rs112781231	T	-0.2196
rs34055636	A	0.0692
rs12322021	A	-0.0462
rs2406426	G	0.0547
rs78018641	A	0.1266
rs11609740	A	0.0373
rs76487044	A	0.2314
rs116844395	A	0.1688
rs7953155	G	0.073
rs75195671	C	-0.1015
rs10744913	A	-0.0335
rs79737322	T	-0.1716
rs297932	G	-0.0372
rs80300811	T	0.1194
rs117687288	G	0.1699
rs10774168	C	0.0424
rs116702323	A	0.1284
rs3730503	C	0.1444
rs10878640	T	0.0356
rs17683624	A	-0.0338
rs11830316	A	0.0511

rs78739668	G	-0.1628
rs7310254	G	0.0368
rs12814518	C	0.0386
rs117177468	A	0.1745
rs4509823	G	-0.0369
rs117799623	C	0.1486
rs149514716	T	-0.1576
rs17651444	G	0.0465
rs142488416	T	-0.1327
rs2532543	C	0.0932
rs7294679	T	0.0393
rs117517693	T	0.1757
rs7971022	G	-0.1456
rs10773739	G	-0.043
rs1152917	G	-0.0917
rs71468249	T	0.2048
rs11063667	T	0.043
rs2717425	T	0.0402
rs56121396	T	0.191
rs35313400	T	0.0889
rs79842763	A	0.1605
rs77484540	C	0.2268
rs111519585	C	-0.1592
rs12578950	A	-0.0357
rs61743451	T	-0.1406
rs824997	T	0.047
rs10848960	C	-0.0441
rs138797255	G	-0.206
rs148726128	A	-0.196
rs10848894	T	0.0355
rs117830333	T	0.0898
rs16907990	G	0.0584
rs73226670	A	0.1947
rs11174820	T	0.0879
rs56196231	A	0.1077
rs10862167	A	0.0478
rs73195834	C	-0.1198
rs117813559	C	0.1793
rs143200688	G	-0.2612
rs2227910	G	0.0342
rs11613793	G	-0.0456
rs80111274	C	0.1144
rs12367723	G	-0.0392
rs76684599	C	0.1813
rs11057793	G	-0.0466
rs7134512	T	0.0331
rs7962738	A	-0.0814

rs111257756	A	-0.1535
rs837511	A	-0.0433
rs117987004	A	-0.1348
rs79151082	C	-0.1162
rs76369590	A	0.1293
rs34131162	C	0.1399
rs74990172	T	0.1081
rs1908123	C	-0.0397
rs8181713	G	0.0422
rs2555253	G	0.0325
rs855126	A	0.043
rs12579816	G	0.0346
rs12426372	A	-0.0418
rs11054933	G	0.1268
rs7316148	T	-0.0507
rs1894307	T	0.0483
rs79485880	A	-0.0913
rs150435651	C	0.1513
rs117052858	A	0.2246
rs16944877	C	-0.058
rs61951802	T	-0.0772
rs76084695	T	0.0792
rs144254425	A	0.1731
rs113752912	A	0.0627
rs112203636	G	-0.1629
rs1510887	G	0.3328
rs7485207	T	-0.0417
rs2898002	G	-0.0405
rs710706	A	-0.0351
rs77046691	C	0.102
rs7486978	T	-0.0403
rs71465164	A	0.1643
rs1587110	T	0.0363
rs11171132	C	0.0635
rs11056478	A	0.0537
rs116923747	C	-0.1498
rs7310927	G	-0.0328
rs3847801	G	-0.0399
rs61941583	G	0.2021
rs1185630	A	0.0689
rs76737589	G	0.1612
rs73086215	G	0.0857
rs117925515	C	0.3165
rs4759489	A	-0.0367
rs117018073	T	0.1811
rs1293766	G	0.043
rs12316859	A	0.0325

rs12809843	G	-0.1472
rs75369150	G	0.1076
rs2398449	C	-0.0382
rs12827888	A	0.0405
rs78193874	A	0.1806
rs7967318	T	0.0426
rs77384083	T	-0.1304
rs73116832	T	-0.2591
rs12298037	T	-0.0425
rs4762340	A	-0.0342
rs118171960	C	-0.1982
rs1713641	A	0.0382
rs118186108	T	-0.1646
rs7980860	A	0.0441
rs2730757	A	0.0654
rs73166871	A	0.1259
rs17842951	T	-0.0504
rs2113868	T	-0.1039
rs7488369	G	0.0515
rs7307629	G	0.0353
rs1641731	G	0.0403
rs7296522	G	-0.1108
rs3759279	T	0.0814
rs2042881	C	-0.0643
rs73150611	T	0.118
rs11059052	A	0.0757
rs7306356	T	0.0399
rs118168496	A	-0.1167
rs2698082	T	0.0549
rs73303061	G	0.1005
rs117877405	A	0.1073
rs7310405	T	-0.0556
rs12813682	C	-0.0407
rs2108340	G	-0.0313
rs61936106	G	0.1784
rs2367563	G	0.0325
rs12823760	C	-0.0567
rs11179944	T	-0.0359
rs12307904	T	0.084
rs140544478	T	-0.0954
rs17097720	G	0.0679
rs112853539	G	0.1983
rs12820630	G	0.0329
rs7963530	A	-0.0446
rs11172626	T	0.0334
rs11608693	A	-0.0558
rs4764204	T	-0.0393

rs118053490	G	0.2722
rs77002297	A	-0.2002
rs6421235	C	0.0492
rs7976956	A	0.041
rs141434066	A	0.2309
rs11172586	C	0.121
rs4964450	C	-0.0351
rs11047075	A	-0.0437
rs10774828	C	-0.0315
rs7958679	T	-0.0756
rs118179197	A	0.2348
rs1482281	T	0.0317
rs150273968	A	0.2135
rs112296798	T	-0.1538
rs2041906	A	0.0328
rs4762566	T	0.049
rs78203233	G	-0.1986
rs76336252	A	0.1562
rs55676265	G	0.0608
rs28413743	A	-0.0411
rs77801267	A	-0.2036
rs7972986	A	0.0463
rs11106803	C	-0.0372
rs117671652	T	-0.0992
rs12308283	C	-0.1644
rs6490015	T	-0.0356
rs112494391	A	0.0608
rs1861908	C	-0.0402
rs11062336	A	0.1118
rs10772627	C	0.0377
rs73226922	T	0.1149
rs12297840	T	-0.0373
rs61954375	A	0.153
rs79301462	C	0.1305
rs117075314	A	0.1509
rs76925519	G	-0.0803
rs60587284	A	0.0461
rs17473510	G	0.0503
rs6581711	A	-0.0721
rs146873419	A	-0.2016
rs3858587	G	0.0389
rs3999404	A	0.0965
rs17346071	G	0.0884
rs1846581	A	0.0421
rs2045877	T	-0.1021
rs11056763	T	0.0854
rs10745856	G	-0.0351

rs61942827	A	0.0398
rs144094719	A	-0.1645
rs12312528	C	0.0394
rs76309276	T	-0.1843
rs112161906	C	0.1168
rs4762126	C	-0.0382
rs17552708	T	-0.0395
rs117549400	C	0.1002
rs80009115	A	-0.0801
rs35920088	T	-0.1091
rs10459183	A	0.0349
rs1517816	A	-0.0317
rs77125962	C	-0.0633
rs608418	T	-0.0321
rs10859694	C	-0.0344
rs10773476	C	-0.0374
rs12822418	T	-0.0504
rs11608712	G	0.0566
rs10842447	C	0.034
rs9634075	T	0.2538
rs4359262	C	0.078
rs12812392	A	-0.057
rs11178300	A	0.0377
rs146156747	A	0.1277
rs1387243	C	-0.0388
rs147499275	A	-0.0887
rs6582700	C	-0.0965
rs11105656	T	0.1372
rs12581982	C	0.0592
rs12711453	T	-0.0572
rs1690139	C	0.0483
rs2231754	C	-0.0385
rs73148802	C	0.1876
rs774399	T	0.1319
rs10128955	T	-0.0456
rs17022476	G	0.1298
rs1566667	A	-0.066
rs117304792	G	0.1487
rs1461286	T	0.1088
rs17217810	A	-0.0854
rs11174636	A	0.0426
rs2555281	A	0.0318
rs146277124	T	-0.1236
rs7296422	T	-0.0507
rs74658620	C	-0.1155
rs3741515	T	0.0992
rs149539065	T	-0.1301

rs79908018	T	-0.0683
rs76199356	G	0.1311
rs11170974	T	0.1571
rs10844058	A	-0.0369
rs115223816	A	0.156
rs61923794	T	-0.0672
rs34924617	A	-0.0594
rs149492023	T	0.167
rs2240766	C	-0.0346
rs7301036	T	-0.0338
rs405647	G	0.0597
rs145678266	A	0.2
rs77070824	C	0.1004
rs12366850	A	0.0892
rs79956954	T	0.0846
rs117137043	A	0.158
rs12582326	T	0.0446
rs7979411	C	-0.04
rs937533	G	-0.0776
rs3892474	T	0.1165
rs16931325	T	0.0599
rs144370398	T	0.1723
rs79268676	T	0.2751
rs28365683	A	0.0652
rs12580716	G	-0.0327
rs75443602	C	-0.1831
rs299454	T	-0.0354
rs118008065	A	0.1574
rs4931248	C	0.0334
rs11612466	G	0.0477
rs112353027	G	-0.1046
rs1345355	C	-0.0317
rs76712231	T	0.1095
rs7963144	G	-0.0656
rs2277339	G	0.0538
rs75436485	T	0.0557
rs4411337	T	-0.0344
rs75791002	C	-0.1099
rs1922260	G	-0.0415
rs28444248	T	0.0488
rs12424177	G	-0.0752
rs73067674	G	-0.0638
rs11048046	A	-0.0778
rs145083048	T	-0.2201
rs2107612	G	-0.0355
rs61032567	G	-0.0495
rs73027420	A	0.0961

rs303764	G	0.0373
rs111360882	G	0.1575
rs73111692	A	0.1302
rs56392173	A	0.0798
rs60117100	G	-0.1643
rs11147005	C	0.0375
rs148718954	A	0.264
rs80087909	G	-0.0969
rs35860523	C	0.1497
rs3759270	G	-0.0321
rs11103883	A	0.0398
rs2660890	C	-0.0714
rs10777148	A	0.0399
rs73181901	A	0.1131
rs2629804	C	0.0395
rs10860615	G	-0.0427
rs11829149	A	0.0349
rs144218894	T	-0.1849
rs146968827	T	0.216
rs61915720	A	0.0932
rs117002394	T	0.2228
rs2299657	T	-0.0385
rs7133936	T	-0.0452
rs116933780	C	0.1275
rs118113927	T	0.1699
rs17125929	C	-0.0582
rs76989821	T	-0.0813
rs10847469	T	-0.0375
rs4882510	C	-0.0617
rs35606023	T	-0.0338
rs12580375	A	-0.1628
rs144226119	G	0.2117
rs11107128	A	0.1464
rs76788573	G	0.2059
rs7980938	T	0.0308
rs73147621	A	-0.0621
rs9669117	A	0.0385
rs7139076	A	0.1371
rs79711511	T	0.1185
rs954	C	-0.0371
rs11835606	G	-0.063
rs10842934	G	-0.0317
rs35051544	A	0.1675
rs61936936	T	0.0581
rs117422187	A	0.1958
rs147734582	C	0.1419
rs145461771	A	0.1176

rs118081848	T	-0.1817
rs708857	T	-0.0341
rs3217916	C	-0.0381
rs74619686	G	0.154
rs2720174	T	-0.0994
rs80011985	C	-0.0937
rs78891626	C	0.1321
rs6490299	G	0.036
rs7305196	T	0.0905
rs150902340	T	-0.1967
rs117646005	C	0.2074
rs80002401	A	0.1087
rs79754062	C	0.0979
rs7963275	A	0.0967
rs78288787	T	0.0922
rs76879891	A	-0.0465
rs17549341	A	0.0802
rs113517930	G	-0.1976
rs111951240	A	0.1347
rs78079190	A	-0.109
rs10845623	C	-0.0358
rs140422295	G	-0.1296
rs138698315	G	0.1309
rs7955101	C	0.0413
rs11112679	G	0.0511
rs117847562	C	-0.1637
rs669926	T	-0.0397
rs10744455	T	0.0475
rs112551581	A	-0.15
rs1006571	C	0.0821
rs11044906	A	0.1303
rs113879376	C	-0.0371
rs11067811	T	0.0731
rs75616713	T	-0.0463
rs113864314	T	0.1744
rs4362207	G	-0.0415
rs61924616	G	0.0424
rs73033481	A	-0.1101
rs141205060	G	-0.219
rs7304324	T	-0.0419
rs1705221	G	0.0551
rs7957801	G	-0.1412
rs7131876	G	0.0378
rs11246923	T	0.039
rs74731044	G	-0.1237
rs35536133	A	0.1709
rs79154563	A	-0.0902

rs7313595	A	-0.0326
rs113301127	T	0.2089
rs10082707	C	-0.0353
rs17814434	T	-0.0947
rs1669923	A	0.2148
rs11615016	G	-0.0622
rs112335632	T	0.1125
rs2132228	A	-0.0319
rs2189480	T	-0.0337
rs73118022	A	0.0591
rs2291928	G	-0.0364
rs10844219	A	-0.0327
rs79124817	G	-0.1839
rs10849141	T	0.0355
rs117382561	G	-0.1024
rs61928408	T	0.0439
rs117005333	C	0.1695
rs11174782	T	-0.0447
rs78767585	T	-0.0939
rs10770363	T	-0.0308
rs10841517	G	-0.0467
rs112997322	A	0.054
rs76694118	A	0.1412
rs116758357	G	-0.08
rs35270235	T	-0.0959
rs4765880	C	-0.0796
rs117117741	T	0.1523
rs143533549	G	0.2007
rs79472475	G	0.0752
rs6490238	C	0.035
rs10878989	C	0.0469
rs79836621	C	0.103
rs9739828	A	0.0917
rs7305164	C	-0.1081
rs12824959	G	0.0727
rs73064470	T	0.1373
rs142013694	T	0.0877
rs79954424	T	0.2044
rs1707730	T	0.059
rs4768750	C	-0.0373
rs11610395	T	-0.2011
rs12424004	A	-0.052
rs73141401	G	0.0337
rs79491374	G	-0.1472
rs7959068	G	-0.0508
rs34117783	C	0.0321
rs1074325	T	0.0372

rs78551078	A	-0.2558
rs73128394	T	0.1535
rs12833413	C	-0.0332
rs10734977	C	0.0392
rs17428184	G	-0.1224
rs118015760	T	-0.2371
rs2535419	C	0.0313
rs76012752	G	-0.1238
rs144563349	G	0.0996
rs1860423	C	-0.0479
rs7137339	T	0.0361
rs2159347	T	0.062
rs310881	A	0.1243
rs79780786	T	0.1529
rs17334962	T	-0.0852
rs61925944	A	-0.1533
rs140325041	T	0.1641
rs76703730	A	0.1208
rs148064281	A	0.141
rs11053668	C	-0.036
rs12424570	C	0.0521
rs117021579	C	0.1088
rs145555704	A	-0.2885
rs12426843	G	0.0395
rs1151874	T	-0.0347
rs111561819	T	0.2781
rs78307561	C	0.1473
rs12298695	T	0.0759
rs771972	A	0.05
rs77105569	T	-0.078
rs10082821	G	0.0408
rs7133225	T	0.1267
rs1992006	A	-0.0346
rs10842631	T	-0.0401
rs2853564	G	-0.0325
rs117090648	A	0.0503
rs111248050	G	-0.2048
rs7298096	G	-0.0313
rs1351227	A	0.036
rs117760274	C	0.1382
rs3782314	G	0.0361
rs111811843	T	0.1088
rs75913220	T	-0.1768
rs12308368	T	-0.0315
rs10771400	C	0.0388
rs78197180	G	0.1252
rs56194639	A	0.0452

rs115392896	A	-0.0722
rs7313333	A	-0.0763
rs2287156	A	-0.1213
rs12303996	C	0.0463
rs117005311	T	0.1334
rs7398603	A	-0.0346
rs17625294	A	-0.0422
rs774042	A	0.0646
rs57668910	G	0.0651
rs56091106	T	-0.0393
rs117680633	C	-0.1573
rs1367352	A	0.0331
rs75117283	T	-0.1695
rs12367990	T	-0.0519
rs653136	T	0.0328
rs73047684	C	-0.1654
rs137924077	C	0.1883
rs12300445	C	-0.037
rs2286033	C	-0.0369
rs78109481	C	0.0899
rs10492347	T	0.0444
rs2363504	A	0.0396
rs12814901	T	-0.047
rs78380806	A	0.1376
rs141878088	T	0.1668
rs11176647	G	-0.0392
rs79042075	C	0.2111
rs12427413	A	-0.0413
rs2694834	A	-0.0337
rs1367903	T	-0.0433
rs12231386	C	-0.0397
rs79307208	G	-0.1879
rs12318909	C	0.0338
rs79887403	A	0.18
rs7312681	C	-0.0464
rs151046825	T	0.1373
rs145810693	A	0.077
rs3742015	C	0.0304
rs150043371	A	0.1759
rs11056782	G	-0.0322
rs148419310	T	0.1968
rs73149178	T	0.1194
rs17652813	C	0.0684
rs77987050	T	0.1532
rs10160954	T	-0.0873
rs113711407	G	-0.2336
rs17121808	C	0.1962

rs55865296	G	0.1099
rs77600955	T	-0.1045
rs7965041	G	0.0649
rs138701204	T	0.2142
rs11613542	T	-0.1622
rs11053901	T	-0.0474
rs78481870	T	0.1692
rs7960429	A	0.0317
rs12307812	T	-0.048
rs2879755	T	-0.0406
rs919209	A	-0.0373
rs145998210	A	0.1168
rs17718358	T	-0.0617
rs2570555	G	0.0378
rs17415953	G	0.073
rs75882757	G	-0.0793
rs146221784	C	0.1109
rs1515547	G	-0.0558
rs12829748	T	-0.1501
rs300525	C	0.1074
rs1579240	A	-0.0775
rs1806202	A	-0.041
rs78105535	G	0.063
rs78202953	A	0.1015
rs2406871	T	0.0397
rs79750494	T	0.1073
rs116877264	T	0.1806
rs141999553	C	-0.0672
rs138821093	G	-0.1384
rs117770324	T	-0.1457
rs118171667	T	-0.1524
rs12316219	C	0.0483
rs12298882	C	-0.0473
rs78675963	G	-0.0785
rs34580	C	0.0489
rs1875466	A	-0.0301
rs76007970	A	-0.1411
rs10744888	A	0.0378
rs10845620	A	0.0559
rs141420566	G	0.1424
rs10794425	G	0.0321
rs12809807	A	-0.1237
rs2799963	G	0.0344
rs12425911	A	0.0404
rs78796487	T	-0.1361
rs11175416	T	-0.1759
rs17804080	T	-0.0517

rs140569513	T	0.154
rs11106213	C	-0.041
rs7958377	T	0.0481
rs4913357	T	-0.0536
rs116993466	G	-0.0657
rs11045812	T	-0.0307
rs7971437	A	0.0312
rs116842815	T	0.1388
rs4545634	C	-0.0844
rs1025949	A	0.0349
rs2619140	T	0.0328
rs34201935	A	0.0486
rs789731	T	-0.0317
rs17615178	C	-0.059
rs117877326	G	0.1291
rs17177977	G	0.0419
rs78993992	C	-0.1128
rs33270	G	-0.0438
rs55685448	G	0.0574
rs74980853	T	-0.1456
rs3829736	T	0.031
rs117937827	G	0.124
rs11613755	T	0.0545
rs1194046	G	-0.0315
rs1354746	G	-0.0333
rs141517006	G	0.1803
rs61933070	T	0.0393
rs144822097	T	0.1152
rs76924623	C	0.2556
rs12297592	T	-0.1144
rs60426605	G	0.0756
rs73088501	A	-0.1149
rs215992	C	-0.0575
rs35806565	A	-0.1082
rs3916142	C	0.0315
rs145875238	G	0.2082
rs77764712	C	-0.2134
rs11065732	T	0.0316
rs7312985	A	-0.0571
rs10845973	A	-0.0354
rs59569785	T	0.0433
rs73345662	A	0.1549
rs865857	A	0.1792
rs117853166	G	0.0892
rs118182238	G	0.0713
rs79791981	G	0.1374
rs116967666	A	0.1452

rs35150529	T	-0.0688
rs140085270	C	-0.2436
rs11574044	C	0.0608
rs668562	C	-0.0347
rs1163889	C	0.0352
rs17498746	T	0.0913
rs10846684	A	-0.036
rs17801760	A	-0.078
rs144207790	T	0.1932
rs219017	A	-0.0946
rs7969455	T	0.0437
rs11837682	A	0.0588
rs111905088	G	-0.1146
rs10840849	A	0.0333
rs114350209	C	0.0802
rs73225777	G	-0.0952
rs73181841	T	0.07
rs1918142	G	0.1347
rs142048748	G	0.124
rs73076582	G	-0.177
rs73228446	A	-0.081
rs117089640	G	-0.2574
rs10505810	C	0.0352
rs78071580	C	0.0829
rs1115958	A	-0.0601
rs117988770	C	-0.1664
rs7973905	A	-0.0368
rs76583882	T	-0.1003
rs2730744	G	-0.0368
rs140584763	C	0.216
rs117621650	A	-0.2345
rs56097932	C	0.0332
rs76444204	G	-0.0653
rs2466979	C	-0.0344
rs76545893	G	-0.1483
rs36048949	T	-0.1015
rs10778397	G	-0.0323
rs859200	G	-0.1124
rs145542494	T	-0.2619
rs75479266	A	0.1129
rs78408672	T	0.2176
rs67398797	A	0.1342
rs7973951	T	-0.2095
rs727233	G	0.0347
rs9739560	A	-0.0338
rs10459172	C	0.036
rs7299240	A	-0.0529

rs2052422	T	0.0874
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rs75436288	A	0.2099
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rs10847115	G	0.0519
rs10863119	A	-0.1007
rs12817819	T	0.0457
rs56914464	C	-0.0789
rs11179528	G	0.0412
rs73158954	A	0.0768
rs10778066	T	0.0578
rs10860148	T	0.0684
rs12829521	C	0.0417
rs141280777	A	-0.159
rs10492181	G	-0.0421
rs117241561	A	-0.1288
rs10847555	C	0.0385
rs145283973	A	-0.2531
rs56317822	T	-0.0584
rs9651791	T	0.0482
rs138598585	A	0.1605
rs35797815	T	0.2299
rs36034432	A	0.0951
rs148520134	C	0.1932
rs11067591	C	-0.0592
rs12812273	G	0.0687
rs225547	C	-0.1239
rs2272296	T	0.0424
rs12309268	C	-0.037
rs12580005	C	0.0626
rs11117081	A	-0.0328
rs2240108	T	-0.045
rs10876801	T	0.066
rs7137475	G	-0.0522
rs76294120	A	-0.16
rs7137480	G	0.0317
rs2731054	C	0.0306
rs28376585	T	0.0632
rs1659284	A	-0.0449
rs149448484	T	0.132
rs78458681	T	0.0871
rs6582324	T	-0.0386
rs143274738	C	-0.1325
rs7955439	T	-0.0385
rs73051926	C	-0.1039
rs73239709	C	0.0377
rs10772526	T	-0.0331

rs74541068	A	0.1406
rs55646172	G	-0.0626
rs4763059	T	-0.0467
rs17765139	G	0.0297
rs7970915	T	-0.2396
rs61937590	G	0.0304
rs11615714	C	0.1129
rs113377574	A	0.1675
rs118014788	T	-0.1476
rs11615229	G	0.0599
rs12422850	T	0.0508
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rs11171371	A	-0.2268
rs10859005	T	-0.0313
rs149678298	C	-0.0813
rs74371056	C	0.0584
rs75422866	T	-0.098
rs12578337	G	0.0922
rs71534222	T	-0.1373
rs35227403	A	-0.1303
rs10861725	C	-0.0342
rs113524285	T	-0.0751
rs61914581	G	0.044
rs1316566	A	-0.0303
rs117531697	C	-0.1989
rs111904439	T	0.1324
rs7962470	T	-0.0338
rs61908122	G	0.1524
rs114573229	G	0.1278
rs12316398	T	-0.1702
rs35505608	T	-0.038
rs10744655	T	0.0318
rs7960944	T	-0.0309
rs1247937	T	0.0323
rs61931720	A	0.175
rs2401400	C	0.0369
rs11114545	G	0.0405
rs12304406	G	0.0453
rs76233683	C	-0.165
rs4767015	T	0.0715
rs7311123	C	-0.0395
rs11171021	T	0.0833
rs111678271	C	0.1642
rs1147281	T	0.059
rs142158998	C	0.1641
rs11610974	A	0.0528
rs1920990	A	0.0357

rs77725841	G	-0.072
rs112056048	C	0.0771
rs143647326	T	-0.1377
rs80067252	A	-0.1204
rs61912464	T	0.0529
rs2393547	T	-0.0339
rs78623523	G	0.1004
rs74891029	C	0.1422
rs7969082	A	0.0541
rs12819448	C	-0.0379
rs73233876	C	0.1007
rs75217108	G	-0.1128
rs4763421	T	0.0359
rs1452248	C	0.0325
rs11829777	C	-0.0369
rs1471495	T	0.0632
rs118093868	A	-0.183
rs1617236	G	0.1554
rs11174220	T	0.0442
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rs117264642	A	-0.1916
rs4760791	G	-0.0345
rs78461522	T	-0.192
rs116902226	T	0.0795
rs11571404	T	0.0394
rs4257017	T	-0.0422
rs75284278	T	0.0747
rs10859719	A	-0.0352
rs141081345	A	0.2415
rs12817170	A	-0.048
rs1396205	G	-0.0326
rs58267004	C	-0.0477
rs11610747	T	0.0561
rs7307641	T	0.035
rs17021407	C	0.1052
rs12820271	A	-0.0572
rs75372036	G	0.1252
rs71463015	A	0.1098
rs16930632	A	-0.0429
rs7965697	G	0.1822
rs17805498	G	-0.132
rs56262690	C	0.1696
rs139676460	A	-0.1057
rs2417862	C	0.0335
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rs2896465	T	0.1653
rs12368304	C	0.0787

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rs11610054	C	0.0707
rs7961157	A	0.0377
rs34375662	G	0.1069
rs58133372	A	0.0467
rs77268238	A	0.1409
rs10774906	C	0.0421
rs112683324	A	0.1574
rs141061721	T	0.1908
rs11046323	A	-0.1108
rs12367370	G	-0.0306
rs77375329	T	0.0998
rs10844757	T	-0.1028
rs78777545	A	-0.2146
rs61913603	G	0.0428
rs4764100	T	0.1715
rs1846644	C	-0.031
rs6488334	T	-0.0357
rs114336251	T	0.1398
rs10492249	T	-0.1061
rs11058802	A	0.1527
rs10876200	C	0.0367
rs10774234	A	0.0588
rs368927	A	-0.0466
rs11106649	G	0.0734
rs76529060	A	0.0719
rs256180	A	-0.043
rs76334777	T	0.1057
rs79393382	G	0.1821
rs117743091	G	0.1695
rs35280278	A	-0.0427
rs12049994	T	0.0418
rs80175413	T	-0.0691
rs117825653	A	0.2239
rs34116709	A	-0.2159
rs7296810	G	-0.0464
rs116835397	T	0.0718
rs61944597	T	-0.1319
rs144652185	A	-0.0403
rs35487120	T	0.1824
rs2951468	A	0.0328
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rs1796337	C	0.0294
rs3858625	G	-0.0323
rs28799341	G	-0.0703
rs112278046	G	-0.1436

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rs10858650	G	-0.0376
rs1546496	T	0.0444
rs34663707	G	-0.0459
rs28375185	G	0.0367
rs117632658	G	0.0981
rs7294936	A	0.0299
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rs67007513	G	0.0393
rs145986105	T	0.1014
rs76930650	G	-0.0806
rs59269273	G	0.1617
rs2593261	A	0.0308
rs17414492	G	0.2205
rs11175628	C	0.0664
rs17544679	C	0.1065
rs11066738	A	0.0324
rs7967349	G	-0.0315
rs59968967	C	0.2187
rs73233850	T	0.0775
rs113230573	T	-0.2165
rs145443794	T	-0.2025
rs11117041	T	0.029
rs12302957	G	0.0499
rs147417993	A	-0.2188
rs11109760	T	0.0308
rs12370234	C	0.036
rs74788755	C	-0.1721
rs11175856	C	-0.1536
rs74627553	G	0.0982
rs12830415	G	-0.0429
rs78992368	C	0.0698
rs7305290	C	0.0366
rs7309026	T	-0.0528
rs76329820	A	-0.1655
rs17109898	G	-0.0595
rs11832328	A	0.1298
rs75408148	T	-0.0755
rs7301665	G	-0.2491
rs61935811	A	0.1221

rs78877951	C	-0.1498
rs144315323	A	0.0817
rs12824164	G	0.0298
rs74772842	G	0.0751
rs55666113	G	-0.1457
rs1215762	G	-0.0546
rs79352754	T	0.1909
rs112687682	A	-0.1049
rs929423	C	-0.0328
rs75739586	T	0.0774
rs147291657	A	0.1268
rs117871169	G	0.1031
rs11054180	G	-0.0325
rs78641335	A	0.1067
rs10748388	G	0.0835
rs3782744	A	0.0348
rs34165714	G	-0.1386
rs2035051	C	0.0291
rs11109681	A	-0.0738
rs4762748	T	-0.0593
rs12810780	T	0.0562
rs75146430	T	0.0647
rs11835116	T	-0.0521
rs74862545	T	0.1046
rs8181716	T	0.0375
rs73184031	C	0.1809
rs61937826	G	0.0676
rs116867684	C	-0.1312
rs771653	T	-0.0308
rs1043156	T	0.0435
rs10849820	T	0.0529
rs73119282	T	0.0971
rs75611255	G	0.0702
rs140974745	T	0.1072
rs113654674	C	-0.0382
rs7978370	G	-0.058
rs7487300	A	-0.2287
rs117298029	G	-0.086
rs139528246	T	0.1336
rs12369702	T	0.0465
rs2200254	T	-0.0421
rs7980289	T	-0.1135
rs145683793	T	0.1107
rs76891460	T	-0.0513
rs74443467	A	0.0658
rs11613533	T	0.0437
rs76404715	T	0.1381

rs11061473	C	-0.0397
rs4767555	C	-0.0296
rs116866549	C	-0.2504
rs12821085	C	0.0319
rs7309366	A	0.036
rs73098346	T	0.2621
rs2130401	G	0.0291
rs117929597	T	0.1359
rs78333610	T	-0.1346
rs12312047	C	-0.0902
rs7959839	T	0.0384
rs6581789	A	-0.0788
rs116284895	C	-0.1129
rs11837999	G	0.0301
rs145697087	A	-0.0911
rs75605489	C	0.0877
rs7312184	T	-0.0324
rs3759191	C	0.0304
rs11109017	T	0.0579
rs80122782	T	-0.1769
rs10431255	C	0.0556
rs112483119	G	0.1211
rs112745917	G	0.1661
rs819120	A	0.0328
rs2588346	G	0.0397
rs116966535	A	-0.1289
rs12369136	G	0.0912
rs12424766	T	0.0309
rs7300104	T	0.1309
rs74546660	C	-0.0882
rs10861832	G	-0.0288
rs7299461	C	0.0305
rs1642030	T	0.0708
rs12809316	G	0.1108
rs78249611	T	0.1034
rs11176729	T	0.05
rs7137336	G	0.043
rs138282813	C	0.1193
rs10849526	C	-0.0619
rs117465797	T	0.1227
rs11611062	C	0.0388
rs17221259	C	-0.0384
rs56900718	C	0.0327
rs76319852	A	-0.1396
rs2193008	G	0.0296
rs146583550	A	0.1311
rs11052326	T	0.0559

rs7296688	G	0.0382
rs10734895	A	-0.0366
rs145072049	C	-0.2026
rs10847815	T	0.0876
rs76854788	G	0.0784
rs10774764	G	0.0292
rs76826534	C	-0.0987
rs145683829	C	0.1632
rs7976436	A	0.0374
rs117820100	T	-0.058
rs11043367	T	0.0526
rs80321910	G	0.1009
rs17702101	A	0.1153
rs11059263	C	-0.0329
rs4391898	T	0.1407
rs73205307	T	-0.0345
rs147333739	C	0.1916
rs73207626	G	0.1408
rs68011157	C	0.056
rs11176421	G	0.0306
rs75258935	A	0.0593
rs10850331	A	-0.0897
rs79864186	A	-0.1831
rs149133237	G	-0.0438
rs34911011	T	0.1019
rs116893295	A	0.0732
rs11054168	C	0.0631
rs74917912	T	-0.1003
rs2107525	C	-0.0376
rs12832364	T	0.0307
rs9669644	C	0.1735
rs76698003	A	0.1789
rs16907207	T	0.0809
rs55972466	A	-0.0634
rs7297998	C	0.0294
rs11049939	A	0.051
rs74413168	A	-0.128
rs401717	T	-0.0314
rs76744672	G	0.1573
rs138936428	C	0.0562
rs10778056	T	0.032
rs1480070	G	-0.1246
rs73098554	G	-0.1474
rs149319392	T	0.1874
rs117834356	A	-0.1389
rs55845279	A	0.0481
rs17334222	C	0.0851

rs73220936	T	0.1491
rs10844494	T	-0.0307
rs76460643	A	-0.1632
rs147483894	C	-0.1436
rs2398464	A	-0.0557
rs1946820	A	-0.0473
rs7963816	C	-0.0498
rs117838546	T	-0.1615
rs143432125	C	0.1636
rs112461703	A	0.2263
rs12366486	A	-0.0696
rs10774741	A	0.0298
rs78827077	T	0.1187
rs11058138	G	0.0485
rs140251518	G	-0.1499
rs75538175	T	0.0576
rs79345520	G	0.1507
rs1095787	G	0.125
rs837948	A	0.0342
rs2619432	G	0.0934
rs117497156	C	0.1516
rs11063875	T	0.0328
rs145326196	G	0.1749
rs11174298	C	-0.0412
rs75518293	A	0.0693
rs7301863	T	-0.0356
rs3850604	T	-0.0298
rs75469366	A	0.0439
rs7960394	T	0.0399
rs75935438	G	0.1888
rs73207429	A	-0.1394
rs80200249	T	-0.0785
rs33222	T	0.038
rs79555666	A	0.0932
rs3782397	G	0.0415
rs4964242	G	-0.034
rs10774652	T	0.1525
rs1030120	C	0.0341
rs145349006	A	0.1465
rs7979612	G	-0.0375
rs11067371	C	0.1001
rs116971938	C	0.2003
rs4764241	C	0.0472
rs11173095	T	-0.0372
rs74769488	C	0.1027
rs11104969	T	-0.0738
rs4767251	G	-0.0316

rs703638	A	-0.1431
rs79611018	A	-0.1028
rs4767724	T	0.0297
rs10771281	C	-0.0303
rs148061634	T	-0.2362
rs74738520	G	0.0569
rs141032270	C	0.0419
rs547101	G	-0.0389
rs10860239	C	0.0406
rs148113060	G	0.1589
rs7967644	C	0.1739
rs11613161	G	-0.0956
rs141505314	G	0.1667
rs113022181	A	-0.1027
rs11046078	T	-0.0285
rs10506150	T	-0.0463
rs117049763	C	-0.1577
rs4073205	C	-0.03
rs55916253	A	-0.0471
rs140063995	T	0.134
rs112704675	T	0.0571
rs7316767	C	0.0545
rs11050163	T	0.0297
rs883079	C	0.0327
rs139752366	T	0.078
rs10431559	T	-0.0294
rs908154	T	-0.131
rs11067986	A	-0.0334
rs7954708	C	0.1164
rs146778457	G	0.1698
rs11172707	A	-0.0505
rs76144281	A	-0.1058
rs116973149	G	0.1527
rs112449089	A	-0.1036
rs10505908	C	0.0325
rs143724646	G	-0.1899
rs113704329	A	0.0934
rs10861948	T	-0.0383
rs766977	A	0.0553
rs116924693	T	-0.0727
rs140340754	A	-0.1378
rs139517772	C	0.1249
rs11050258	T	-0.0288
rs3782327	A	-0.1223
rs8181615	T	0.0615
rs11065422	A	-0.0451
rs140851198	A	0.2293

rs139495921	T	0.1941
rs1988766	T	0.1281
rs16910630	C	-0.0445
rs11110849	G	-0.0494
rs10770681	G	0.0284
rs151044479	A	-0.0605
rs112365353	A	-0.1017
rs2532557	C	-0.0361
rs825953	A	-0.0303
rs140175844	G	0.1872
rs11106840	T	-0.0474
rs17811302	G	0.0366
rs3902094	A	0.1428
rs17718599	A	-0.1044
rs12813160	A	0.0483
rs117520382	T	0.1857
rs75989713	A	-0.1383
rs12367660	G	0.0652
rs7487036	T	-0.0535
rs7960775	A	0.0954
rs7969958	A	-0.0358
rs74515021	A	-0.1704
rs1259778	G	0.0504
rs78044686	G	0.0564
rs505071	A	0.0415
rs34834211	T	-0.1451
rs150713090	A	-0.1397
rs79968516	T	0.0793
rs117056175	T	-0.1023
rs2140093	G	-0.0333
rs1707927	T	0.0389
rs61923075	G	0.0827
rs79316561	A	-0.0826
rs79144507	A	-0.1088
rs10777709	A	-0.0339
rs2442065	G	-0.0368
rs145585134	C	-0.153
rs117791138	G	-0.0941
rs118048073	C	-0.1525
rs4388928	T	-0.0382
rs12612	G	-0.0295
rs117102500	C	-0.1125
rs4760381	A	0.0368
rs74933074	G	-0.0747
rs61912826	T	-0.1425
rs12813246	G	-0.0286
rs11060357	A	0.033

rs167490	A	0.0381
rs151260018	G	0.0775
rs1002100	C	0.0423
rs77134245	G	-0.0812
rs73187351	A	0.1332
rs11056808	A	0.0499
rs11067112	T	-0.0759
rs226381	T	-0.0288
rs74919292	C	0.0432
rs7966128	G	-0.0311
rs10877847	C	0.0284
rs76128742	T	0.1154
rs117264318	T	0.2553
rs7294740	G	0.097
rs11181850	T	0.0363
rs61933399	A	0.0525
rs142729063	C	0.153
rs117245204	A	-0.0938
rs4453274	G	0.0409
rs10880646	T	0.0749
rs118017001	G	-0.0692
rs117744660	C	-0.1072
rs12366842	T	0.2522
rs117258084	T	0.1015
rs11060526	G	-0.0529
rs12308275	T	-0.0385
rs10734948	C	0.0414
rs117376913	C	-0.1676
rs7973400	C	-0.0812
rs3809204	A	0.0314
rs34543326	C	0.0428
rs12832985	C	-0.106
rs68014110	C	-0.0571
rs60349835	T	0.2399
rs4075954	A	0.0286
rs35580153	C	-0.0432
rs117775298	A	-0.0678
rs61916633	A	0.0704
rs4761496	C	0.052
rs138744560	C	-0.1048
rs147350967	T	0.0594
rs4149587	G	0.0302
rs111924133	G	0.1425
rs4762469	G	-0.0297
rs35455078	T	-0.035
rs10744212	C	-0.0309
rs56279168	C	0.0673

rs11061993	T	-0.0598
rs11612851	C	-0.0356
rs7970896	C	0.036
rs2730939	T	0.1272
rs150838545	A	-0.0976
rs10506053	C	0.0557
rs2255797	T	-0.0391
rs12425275	C	0.0854
rs11611556	G	-0.0349
rs150149498	T	0.1067
rs118120323	A	0.0837
rs1875059	T	0.056
rs145155692	G	-0.1483
rs6582222	T	0.03
rs76659134	T	0.1899
rs142557042	C	-0.1554
rs11061840	T	-0.0507
rs12230113	A	0.182
rs12817018	T	-0.0364
rs75419216	G	-0.0491
rs7132012	G	0.0308
rs73403582	C	0.1037
rs12372480	T	0.0445
rs4763188	A	-0.0289
rs10773122	G	-0.0432
rs77282593	T	0.0917
rs7979908	G	0.0387
rs12425040	G	0.0939
rs907350	C	-0.0363
rs117158416	A	-0.2068
rs661685	A	0.1604
rs4964290	C	-0.036
rs609704	C	0.0321
rs17193690	G	-0.104
rs16928354	T	0.094
rs118113109	T	-0.1565
rs1446428	T	0.0639
rs11564269	T	0.0975
rs140932024	T	0.1319
rs12226971	A	0.1557
rs6488004	C	-0.0305
rs148051890	G	0.1525
rs117198999	A	0.1528
rs10847800	G	-0.0283
rs10785365	A	0.0303
rs56959362	G	0.0429
rs140135882	C	-0.2426

rs55861849	G	-0.0805
rs7311244	A	-0.0775
rs74755643	G	-0.0621
rs11611941	C	0.0679
rs117263018	A	-0.1319
rs10847415	T	-0.0315
rs137968919	T	-0.1018
rs4240730	C	0.0302
rs76851022	T	0.062
rs10771513	A	0.036
rs1918942	C	-0.0296
rs77595911	T	0.0672
rs12422785	T	0.0623
rs10902475	C	-0.0377
rs143338675	T	-0.231
rs55745112	A	0.0689
rs17030910	C	0.0924
rs2466886	T	-0.0563
rs12579784	G	-0.0625
rs2091768	C	-0.0917
rs146112900	A	0.1447
rs7304990	T	-0.0407
rs7303836	T	0.0412
rs12303454	T	-0.096
rs12231248	T	0.1825
rs60906495	A	0.0345
rs61934876	A	-0.1216
rs10848833	C	-0.0329
rs11608508	C	0.0374
rs4238059	T	0.0677
rs12308051	T	-0.0316
rs338176	C	0.0282
rs12308345	T	-0.0637
rs12304885	A	0.1698
rs61294626	G	0.0665
rs11613360	C	-0.0507
rs12368434	A	-0.0278
rs427908	G	-0.1536
rs10861156	A	0.03
rs61912022	C	0.1148
rs16912181	G	0.0716
rs11113370	A	-0.0346
rs34075194	A	-0.0424
rs139749398	T	-0.1643
rs4272843	C	0.0292
rs11613870	A	0.0605
rs4334120	T	-0.0354

rs11105979	T	-0.0594
rs10859678	T	0.0336
rs34386538	C	0.0357
rs10506554	A	-0.0534
rs3759380	T	-0.0706
rs117980756	G	0.1277
rs814231	C	-0.0339
rs73236758	T	0.0737
rs1897788	T	0.0502
rs10747605	T	-0.0485
rs12829127	C	-0.0546
rs11046706	G	-0.09
rs4930740	G	0.0347
rs59270299	C	0.1422
rs60769929	T	-0.1136
rs118110714	A	0.0972
rs145229697	A	-0.2155
rs1697477	T	-0.0454
rs4759676	G	0.0302
rs60623134	G	0.067
rs115180866	T	0.0806
rs7137661	C	0.1334
rs894011	C	0.1172
rs144111200	T	-0.126
rs7965628	G	-0.0288
rs630114	A	0.1029
rs11114574	A	-0.1711
rs11178396	C	-0.03
rs79965828	C	-0.0752
rs2408316	C	0.0299
rs10161010	T	-0.0467
rs147789015	A	0.2134
rs12819141	T	-0.0504
rs4627168	C	-0.1229
rs10444401	T	-0.0378
rs150053510	T	-0.1574
rs2544086	G	0.098
rs61940961	C	0.1033
rs117216122	G	-0.1502
rs10505985	C	-0.0333
rs118075389	G	0.1631
rs55833872	C	0.0412
rs11180763	T	0.19
rs66469448	G	0.1177
rs10734684	A	0.0518
rs146507570	T	0.1586
rs10845828	G	0.0395

rs75215421	G	0.1133
rs76519463	C	-0.1372
rs151166702	T	-0.1217
rs34153409	A	0.0561
rs4762467	C	-0.0341
rs71458527	T	0.0463
rs118109703	G	0.1921
rs149787282	A	-0.1408
rs17505799	A	0.1467
rs7315082	T	-0.1303
rs12423871	A	0.0567
rs1580853	A	0.1428
rs7132282	T	0.0385
rs61942305	C	-0.0664
rs11067848	C	0.0612
rs117669359	C	-0.0908
rs7313015	T	-0.1356
rs139541178	A	0.1613
rs7316491	A	-0.0484
rs1109725	C	0.0339
rs118114059	A	-0.1483
rs145761741	A	-0.1043
rs58353182	G	-0.0497
rs4378454	A	0.1456
rs76381250	C	-0.0621
rs611484	A	0.1492
rs79531391	T	-0.1063
rs34459211	G	-0.0527
rs4246235	A	0.0667
rs150054887	C	0.1302
rs11175471	C	0.0448
rs3830069	A	-0.0793
rs117464260	A	0.2337
rs73089384	T	-0.0431
rs7953582	T	-0.0322
rs150953287	C	0.1371
rs12829339	A	0.0334
rs2304272	G	0.0645
rs264501	T	0.0338
rs1169738	A	-0.084
rs2467117	C	-0.0294
rs117748853	C	-0.2075
rs10772668	A	0.0302
rs7308646	G	0.0425
rs117499778	A	0.1163
rs61933619	T	0.0763
rs79704745	T	-0.1553

rs77143836	C	0.0974
rs113774454	T	0.2229
rs11058387	A	-0.028
rs73207599	C	0.0737
rs73182639	C	0.0722
rs4767420	A	0.0605
rs7979439	T	-0.0496
rs35294565	C	-0.0999
rs79156239	A	0.1442
rs12300199	C	-0.0872
rs4766910	T	0.0318
rs216241	A	-0.0382
rs116970198	C	-0.0952
rs75753659	G	0.0585
rs118022163	T	-0.1295
rs76489124	G	0.053
rs145057233	T	0.0347
rs876534	G	-0.0303
rs3809115	T	-0.0956
rs2448051	T	0.029
rs10846571	A	0.0306
rs2132243	A	0.0429
rs12832974	T	0.0957
rs7970221	C	0.0414
rs4931344	C	0.0354
rs149267898	A	-0.1544
rs10849169	T	0.087
rs34012476	T	0.0752
rs75065331	G	0.1478
rs10783362	T	0.0545
rs138348326	A	0.114
rs3931002	T	-0.0298
rs7309920	T	0.1488
rs141194812	T	-0.17
rs76528076	C	-0.1714
rs7958836	C	0.0381
rs3782637	C	-0.0403
rs2160586	C	0.0283
rs138587382	C	0.0774
rs148189281	T	-0.1415
rs75429729	C	0.0511
rs117034287	A	0.1148
rs10878096	G	-0.0287
rs80181885	T	-0.0566
rs7976594	A	0.0541
rs12369228	C	0.0632
rs58340984	T	0.0653

rs11614515	A	0.0885
rs117284975	T	-0.1227
rs78744477	A	-0.1189
rs117560783	T	-0.1866
rs11610199	A	0.0441
rs117739568	C	0.1639
rs4486667	C	0.051
rs75683420	G	-0.2074
rs73052455	A	-0.1233
rs11053604	C	-0.1249
rs112295215	T	0.1581
rs11110834	C	-0.0398
rs77158226	A	0.1685
rs10785663	T	0.0325
rs12578117	A	-0.0424
rs10862751	A	-0.0275
rs12827073	G	-0.0298
rs7310197	G	0.0401
rs34874447	G	0.0424
rs78245257	C	-0.1262
rs10773249	G	0.0291
rs143408102	A	0.2443
rs57159034	C	-0.0362
rs139906508	T	-0.1636
rs117823600	C	0.0932
rs4759729	A	-0.1741
rs116992827	T	-0.2071
rs3759265	C	0.0277
rs78859078	T	-0.2124
rs253156	A	0.0277
rs117352128	T	-0.1078
rs589619	G	-0.0294
rs4964147	A	-0.0297
rs75799006	A	0.1561
rs146194784	T	-0.1526
rs1379966	T	0.0392
rs2192799	T	-0.0279
rs4760387	G	-0.0609
rs55713940	T	-0.0493
rs2109125	T	-0.0651
rs117846975	C	-0.1412
rs7316898	T	0.0314
rs773459	T	-0.0412
rs718522	C	-0.0352
rs11053104	T	-0.0358
rs75082010	T	0.1552
rs4765959	A	0.0339

rs7132233	G	-0.0312
rs1026059	G	0.0282
rs11051727	T	-0.0404
rs229988	T	0.0287
rs61941101	A	0.1034
rs4964671	G	-0.0344
rs117063497	A	0.0658
rs12581302	G	0.0337
rs7978288	C	0.0349
rs1485856	G	0.0375
rs73120065	C	0.0746
rs117080167	T	0.0506
rs79095623	G	0.2143
rs79587879	C	-0.0652
rs150158755	A	0.1092
rs11065387	C	0.151
rs73030985	T	0.1055
rs34909910	T	-0.1314
rs7977617	G	-0.0411
rs117613521	A	-0.123
rs144640984	T	0.1301
rs117575035	T	-0.1236
rs7138736	A	0.0979
rs1703078	G	0.0584
rs74716531	C	-0.1478
rs11114798	A	-0.032
rs34592070	A	0.1173
rs7956035	T	0.0309
rs34932388	G	-0.0546
rs79740767	A	-0.0648
rs117246138	G	-0.1768
rs798396	G	0.028
rs4761753	A	0.0446
rs140667213	G	-0.0904
rs12300076	T	-0.1009
rs67602462	C	-0.0428
rs74934522	T	-0.1465
rs7137702	T	-0.1228
rs7980745	A	0.0574
rs117697094	T	-0.1152
rs16944301	A	-0.0726
rs56223973	A	-0.1202
rs61940571	C	-0.0368
rs11060465	T	-0.0344
rs4514503	T	-0.0318
rs10842349	A	0.0747
rs1274496	C	0.0573

rs12818395	A	0.0319
rs17108861	G	-0.029
rs117705200	A	0.1774
rs78744746	C	0.1472
rs793159	C	-0.0948
rs117818043	T	-0.0833
rs3926666	C	-0.0302
rs643573	G	-0.0641
rs974799	T	-0.0393
rs220590	A	-0.0289
rs837944	C	0.0314
rs140991532	A	0.0661
rs10850667	G	-0.0408
rs142675029	A	-0.088
rs117502457	T	-0.1179
rs79820769	T	0.064
rs11177502	T	-0.0567
rs2955522	T	-0.0548
rs73196010	T	0.2149
rs225474	C	-0.0398
rs77663217	C	0.1755
rs11177202	C	0.0339
rs11049482	G	0.087
rs117457372	C	0.1103
rs113273906	G	-0.1057
rs74993037	G	-0.0991
rs7964368	G	-0.0484
rs998377	A	0.0279
rs34344203	C	0.0406
rs73115517	T	-0.171
rs75769111	C	-0.1374
rs2029851	C	-0.0294
rs797602	T	0.1329
rs61944901	C	0.0976
rs78483662	C	-0.1555
rs75730364	C	-0.1298
rs10773315	A	0.0548
rs3014994	G	0.0267
rs73082641	G	-0.0578
rs117688827	T	-0.1107
rs17749643	C	-0.0443
rs11836892	C	-0.0435
rs145779751	A	-0.2808
rs4768564	C	-0.0284
rs10876387	T	0.0576
rs73117600	A	0.1098
rs78460917	C	-0.2133

rs4761405	G	0.0361
rs11056359	C	0.0558
rs2192137	A	-0.0858
rs79396940	T	-0.1539
rs7307677	C	-0.0322
rs1433363	C	-0.05
rs71462285	T	0.245
rs790450	A	0.0458
rs10777470	T	-0.0506
rs12423722	T	0.0489
rs12829202	A	0.0813
rs12580299	A	0.128
rs12823126	A	0.0348
rs74586970	C	-0.1579
rs59300837	T	0.1001
rs117738802	C	-0.042
rs6486522	G	-0.0476
rs6488593	A	-0.0426
rs61925135	T	-0.1077
rs79542218	A	0.063
rs76236534	T	-0.2454
rs2596143	C	0.0533
rs11059268	T	-0.0352
rs75478501	T	-0.1057
rs11109541	T	0.0289
rs1196791	G	-0.0336
rs155371	G	0.0441
rs7307064	C	0.0386
rs4761981	T	-0.0402
rs17176792	T	0.0435
rs78031376	G	0.0575
rs17249756	C	-0.0975
rs4766217	A	-0.0342
rs3794241	T	-0.0477
rs11609655	A	-0.0511
rs79651151	C	0.1162
rs117335065	G	0.1873
rs77739214	T	-0.134
rs17704825	A	-0.1032
rs11058936	A	0.0678
rs10492341	T	0.0287
rs12831055	T	-0.0349
rs17696207	C	-0.1045
rs11064003	A	-0.0313
rs61918071	T	-0.0944
rs12829483	T	0.0388
rs12305743	A	0.0268

rs148506384	T	-0.1824
rs117928648	A	-0.0656
rs11177397	G	-0.0396
rs113822324	T	-0.1558
rs55770045	A	0.1847
rs11176312	G	0.1035
rs73137884	A	-0.06
rs3748265	T	0.077
rs148711374	C	0.1697
rs12815535	T	0.0338
rs117889774	A	-0.1566
rs73062310	T	0.129
rs73141031	T	0.075
rs877868	T	0.1784
rs79250609	T	-0.0418
rs117512311	A	0.0966
rs17502807	C	-0.1447
rs73429686	A	-0.0734
rs1283172	G	-0.0357
rs61931366	A	-0.0505
rs7958562	G	0.028
rs933744	A	-0.0766
rs10745793	A	-0.0271
rs80132740	T	-0.1117
rs12312261	G	-0.0325
rs11054761	C	0.0609
rs2468200	G	-0.0324
rs4760014	T	0.0746
rs117479060	A	0.1192
rs78742197	G	0.1671
rs139605151	C	-0.1077
rs874593	T	0.0329
rs79551026	A	-0.1209
rs146945060	T	0.1865
rs67032953	G	0.0356
rs113752700	G	0.1906
rs118007963	A	0.1708
rs75302015	T	0.2117
rs10859933	C	-0.043
rs148201777	C	0.1078
rs73189303	T	0.1371
rs11063324	A	0.1638
rs1245442	T	0.0429
rs1355553	G	0.0914
rs2109144	T	-0.0301
rs7973864	G	-0.0329
rs12315390	T	0.0722

rs577958	G	-0.028
rs1861478	A	0.0269
rs146105268	T	-0.0807
rs148703898	T	-0.1695
rs71582862	T	0.1067
rs112067663	G	-0.1633
rs117558580	G	0.1208
rs117911642	G	0.1563
rs117502614	T	-0.1622
rs435956	C	0.0469
rs5745874	A	-0.0776
rs73143715	G	-0.094
rs12305827	A	0.0341
rs74350309	T	-0.2318
rs2886088	T	0.0989
rs77681972	G	-0.2398
rs2005915	T	0.1469
rs11044333	C	0.0323
rs11169621	G	-0.0406
rs77492213	C	-0.1214
rs75220528	C	0.1432
rs1901040	A	-0.0299
rs138315027	A	-0.1061
rs1245073	T	-0.0288
rs73195203	G	-0.2336
rs11612656	C	-0.0831
rs166570	C	-0.0316
rs146130766	C	0.0746
rs17034372	A	-0.0714
rs11610739	C	-0.0745
rs6581847	T	0.0272
rs2114317	T	0.0354
rs11610782	A	0.1121
rs73201776	C	0.0748
rs10840677	T	0.0283
rs12815023	G	-0.2595
rs55934056	A	-0.1451
rs73329645	T	0.1315
rs76733979	T	0.1197
rs79728994	T	0.1517
rs12814947	C	0.0289
rs79168022	G	-0.104
rs3764040	G	-0.0395
rs12820095	C	-0.0319
rs76954998	G	0.0601
rs117693438	A	0.0909
rs12372496	G	0.0626

rs710764	G	0.0285
rs708887	T	-0.0279
rs150352767	T	0.1742
rs75785593	A	0.0611
rs59209664	T	0.1819
rs17421687	A	0.0836
rs74960071	G	0.1534
rs140026518	A	0.227
rs1427984	A	-0.0423
rs10746052	T	-0.0433
rs117744904	T	-0.1712
rs10219441	G	-0.0391
rs12313951	T	0.0704
rs4293159	T	0.0381
rs59809808	G	-0.0406
rs146994983	A	-0.1688
rs4963708	A	-0.0278
rs6245	T	-0.091
rs75558083	T	-0.057
rs4964426	A	0.0312
rs12308026	C	0.0289
rs7954938	C	0.1111
rs147928546	A	-0.0832
rs11176498	T	0.0438
rs112039107	T	-0.1951
rs77591080	A	-0.092
rs11106170	T	0.1303
rs1009975	G	0.0307
rs140701987	C	0.1793
rs78549167	G	-0.1187
rs2710705	A	0.103
rs7312585	G	-0.0498
rs11173305	C	-0.0408
rs73129320	G	0.1131
rs12305455	C	0.0686
rs61941207	C	0.0446
rs139352538	G	-0.0878
rs73118636	C	-0.1176
rs55809246	T	0.1803
rs10161149	T	0.0582
rs2567984	G	-0.0314
rs7137682	T	0.0489
rs7297136	G	-0.0341
rs71462216	T	-0.0565
rs7964353	A	0.1234
rs1466332	G	0.0264
rs10770669	C	0.0394

rs79718529	A	-0.0645
rs2086690	T	-0.0279
rs11178399	T	-0.0472
rs67600993	C	0.03
rs138375032	C	0.0869
rs697884	G	0.0323
rs2241284	T	-0.0343
rs79219082	T	0.056
rs12824991	T	-0.1321
rs2009391	T	0.0265
rs11175829	A	-0.0732
rs10437923	G	-0.0295
rs7307656	C	0.1001
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rs4963621	A	-0.0481
rs7139047	G	0.0386
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rs117107054	A	0.2292
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rs9971713	A	0.0466
rs12366929	G	0.0335
rs144814086	C	0.1197
rs34255525	A	-0.1343
rs9634243	T	0.0451
rs73370933	T	0.1252
rs117028764	C	0.1294
rs117440215	G	0.1363
rs11060860	A	0.0356
rs7306380	C	-0.031
rs139044263	T	-0.1162
rs148116621	A	-0.1491
rs17765594	T	0.1532
rs11112715	C	0.0445
rs16941414	T	-0.0808
rs35120348	T	0.0616
rs2198490	A	-0.0342
rs7971499	T	0.03
rs10505956	C	0.0417
rs76076322	C	0.124
rs61926983	A	0.1245
rs11108039	A	-0.047
rs11049473	G	0.0513
rs76728753	G	-0.0488
rs28638142	A	0.1466
rs16929447	T	0.0316
rs72648104	A	0.073

rs118069287	A	-0.1731
rs73346444	A	0.0482
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rs61931514	C	0.0413
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rs75820070	A	0.0499
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rs11049852	G	-0.0546
rs61916657	A	0.0294
rs11051392	T	0.0333
rs11046741	T	0.0497
rs3762111	T	-0.0527
rs1653371	C	0.0542
rs79039026	G	0.0987
rs74100626	C	-0.1563
rs2893758	A	-0.0277
rs111856825	T	0.1513
rs11066974	T	0.0422
rs631821	C	0.0534
rs74080519	C	-0.0485
rs73130478	A	0.0893
rs10746211	C	0.0263
rs60912810	T	0.0842
rs79619304	T	0.0503
rs55818654	C	-0.1479
rs73043762	C	-0.104
rs1949176	A	-0.0293
rs117841447	T	0.092
rs12828333	G	0.092
rs112839090	A	-0.0536
rs111418504	C	-0.0808
rs1232978	T	0.0369
rs1195581	T	0.0357
rs143715927	G	-0.173
rs75309563	C	-0.1172
rs111453405	T	-0.0526
rs60876022	A	0.0573
rs55865447	A	0.0462
rs12228681	A	0.2109
rs12579874	C	0.117
rs12820581	C	-0.126
rs113743334	T	0.0522
rs78959952	T	-0.1439
rs73246932	T	0.0646
rs142227852	T	-0.0634
rs10784961	A	0.0322

rs7959147	T	0.1437
rs7294697	A	-0.1027
rs3782667	T	-0.0274
rs10777793	A	0.0266
rs10497386	C	-0.038
rs2232570	C	0.0549
rs225466	A	0.0402
rs17046190	G	-0.0758
rs10878510	T	0.0278
rs144966930	A	0.0834
rs2571344	G	0.0285
rs117643112	C	-0.1974
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rs10773093	C	0.0272
rs11169819	C	0.0335
rs10841281	G	0.0559
rs60053534	A	0.0605
rs76484919	A	0.1721
rs7953354	C	0.0455
rs11110476	C	-0.031
rs61910078	T	0.2401
rs141063866	C	-0.1277
rs78073833	T	0.0642
rs75315036	G	0.1165
rs117592339	G	0.0924
rs11609248	G	0.0501
rs11062786	A	-0.0282
rs55816862	A	0.1551
rs78076374	T	-0.1454
rs147918136	C	-0.0891
rs78678475	T	0.0818
rs12426871	C	0.0631
rs875809	C	0.0341
rs11060828	C	0.0448
rs56240045	T	-0.1341
rs7972104	T	-0.0474
rs7980170	A	0.028
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rs11047745	A	0.0379
rs1881959	A	0.0269
rs35960167	G	-0.0295
rs12320849	C	0.0539
rs73148315	T	-0.1103
rs73199533	A	0.1036
rs138275687	A	0.1377
rs75594851	G	-0.0763
rs142125235	A	0.1037

rs77879814	A	-0.13
rs11058607	G	-0.0306
rs11059739	A	0.1114
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rs1490889	G	0.0277
rs7133579	G	0.0661
rs34157936	G	0.0852
rs76054139	A	0.2177
rs12809496	G	-0.0268
rs118187332	T	0.0671
rs56868362	A	0.06
rs10459061	A	-0.0596
rs11532363	A	-0.0474
rs7311026	C	0.0371
rs151140204	C	0.0994
rs226342	A	-0.0295
rs116864361	T	-0.1183
rs2368834	G	0.0287
rs12310219	C	-0.036
rs4762642	A	0.0506
rs832515	G	0.114
rs111698319	C	-0.0759
rs118184961	A	0.1783
rs9668409	A	-0.1367
rs4762864	C	0.1834
rs10779106	T	0.0264
rs10129002	T	-0.0582
rs7136364	C	-0.0335
rs73151099	G	0.1366
rs76077512	C	0.0722
rs12368061	A	-0.1322
rs147901559	T	-0.0533
rs10732648	G	0.0497
rs2049765	G	0.0709
rs113741239	G	-0.1051
rs1565801	T	-0.031
rs11610489	T	0.1097
rs12305059	A	-0.0267
rs113460467	T	-0.0919
rs61910056	T	0.1672
rs7311283	C	0.0276
rs146482406	C	0.2314
rs12422705	A	0.0459
rs78381318	A	0.0581
rs7302032	A	-0.0507
rs117661689	G	-0.1354
rs17769793	G	-0.0428

rs71460351	A	-0.043
rs4300476	C	0.0456
rs7488961	T	0.0632
rs1796016	C	0.0293
rs61928769	G	0.1518
rs117068796	A	-0.1376
rs1153183	C	0.0357
rs137979960	T	-0.1212
rs12580567	A	-0.0671
rs61943277	T	0.0585
rs72653434	G	0.1398
rs7294897	C	-0.0451
rs790455	G	0.0266
rs56084591	A	-0.0385
rs10505888	A	0.0719
rs11179328	A	-0.057
rs10849440	T	-0.1383
rs2163314	G	0.0274
rs139514434	G	0.1506
rs11115922	C	0.1219
rs78609246	C	-0.1399
rs11178926	C	0.1202
rs75830945	C	0.0845
rs73108875	T	-0.1756
rs117933365	C	0.1328
rs7301993	C	-0.0269
rs3741738	G	-0.0286
rs117082311	A	-0.187
rs2052256	C	0.0314
rs7957263	G	0.0309
rs80150249	A	0.1265
rs205538	C	-0.0263
rs2369855	A	-0.0347
rs1108542	G	0.0468
rs76559165	G	0.1291
rs141067164	C	-0.176
rs3815368	G	0.0537
rs113141475	T	0.1547
rs634264	A	0.0332
rs75079677	G	0.0692
rs10846133	A	0.0375
rs11171634	T	-0.0274
rs146490798	C	-0.1192
rs1036362	C	0.1206
rs17464778	A	0.0806
rs74879244	G	0.0789
rs310798	G	-0.0261

rs71459109	G	-0.0349
rs1280600	G	0.0295
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rs117255723	C	0.1262
rs7972355	A	0.0411
rs117988734	C	0.1267
rs79236320	G	-0.1286
rs4963517	T	0.0288
rs117873288	C	0.1351
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rs117080543	T	0.1418
rs55855339	T	0.1865
rs11614694	A	0.0895
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rs79870864	A	-0.1079
rs2662803	T	0.0382
rs4622357	T	-0.0842
rs11061004	A	-0.0885
rs79542239	G	0.1838
rs11834485	T	-0.0332
rs61924403	A	0.0516
rs2239065	A	-0.0269
rs11046692	A	0.0451
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rs6489901	G	0.0728
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rs10849266	A	-0.0271
rs117664122	T	0.0702
rs61759637	C	0.1417
rs10743734	A	-0.027
rs73054832	A	0.2167
rs117368206	T	-0.1366
rs60340314	T	-0.0459
rs10771436	G	-0.1423
rs7315229	C	0.0297
rs61917243	C	-0.046
rs56378022	C	-0.1048
rs76950887	T	0.0306
rs77724949	G	-0.0843
rs61909199	C	0.0368
rs117668509	T	-0.093
rs73063437	T	-0.045
rs11048452	C	-0.0459
rs111710622	A	-0.1254
rs117156633	T	-0.1165
rs7314487	C	-0.0288

rs12582277	G	-0.0416
rs61931139	T	0.041
rs12297856	A	0.1915
rs773476	G	0.0397
rs143264827	C	0.1399
rs2178710	A	0.0261
rs12299847	A	-0.1203
rs1716427	C	0.0382
rs77248811	G	-0.2551
rs17779680	C	-0.0306
rs2839722	G	0.0338
rs4991095	C	0.1115
rs75773271	G	0.2801
rs117678996	G	0.1126
rs11060157	G	0.0399
rs143425695	T	0.0961
rs73170787	A	0.0854
rs17701871	T	0.0351
rs61938115	C	0.0455
rs10785035	C	-0.038
rs79429357	C	0.107
rs116990210	T	0.0579
rs1830210	G	0.1187
rs60025090	T	0.1496
rs17750662	C	0.1054
rs111817854	G	0.1139
rs76702475	G	-0.0732
rs116475931	A	-0.1556
rs34770468	G	-0.0344
rs112317769	A	-0.0992
rs7301185	A	0.0432
rs1696390	G	-0.0289
rs116841060	C	0.1684
rs73093493	T	0.1311
rs73155614	T	0.1152
rs117446095	T	-0.0791
rs73087779	C	0.1011
rs4767563	C	0.0325
rs138015148	A	0.1482
rs4759483	C	0.0618
rs61944607	T	0.0596
rs11570927	C	0.1552
rs7295066	G	-0.0639
rs115598110	A	-0.1349
rs10860503	C	0.0262
rs117432074	T	0.115
rs10845681	C	0.0315

rs12817642	T	-0.1019
rs75313057	C	-0.1254
rs113693842	C	-0.036
rs11176918	A	-0.0374
rs55733960	A	-0.0457
rs76667065	A	-0.0976
rs1813814	C	0.0586
rs77715875	G	-0.0799
rs117453529	A	-0.1115
rs113815499	G	-0.1109
rs10845052	T	0.0357
rs73296890	T	-0.1473
rs117396636	G	0.1385
rs71455281	A	0.1224
rs76454120	T	-0.0293
rs11610176	C	-0.0795
rs708845	G	0.0836
rs242025	G	0.0312
rs4409915	A	0.0478
rs112493713	C	-0.0752
rs111270874	T	0.1192
rs1018033	G	-0.0263
rs77370012	G	-0.0534
rs2103018	T	-0.1121
rs77581033	A	0.0835
rs10860639	A	0.0276
rs67790279	T	-0.0327
rs141844200	C	0.1722
rs77657870	T	-0.0628
rs77770565	A	0.0545
rs142236666	T	0.1657
rs816358	T	0.0432
rs12367061	A	0.1111
rs12824488	A	0.0289
rs113083379	A	0.1426
rs12227172	A	0.0329
rs4441060	C	0.0377
rs706499	C	-0.0279
rs163684	T	-0.0421
rs139185740	T	-0.1852
rs143087656	A	0.239
rs75320947	C	0.0791
rs11115226	A	0.0853
rs12297989	G	-0.0454
rs10850489	C	0.0303
rs34151234	A	0.0715
rs80044238	T	0.047

rs220563	A	0.0319
rs12823749	A	-0.0384
rs1545494	T	0.1219
rs5439	C	-0.0498
rs941196	T	-0.0275
rs73072104	C	0.1639
rs73147366	A	0.1509
rs12424497	A	0.0363
rs2706267	T	-0.1359
rs10848510	C	-0.0404
rs11171556	A	-0.0357
rs57775641	A	0.1583
rs1800378	T	0.0297
rs12368276	T	0.0281
rs11177548	C	-0.0287
rs117088123	T	0.1083
rs248824	C	-0.0286
rs113384516	C	0.0976
rs80253695	T	-0.1322
rs73065867	C	-0.0675
rs75845123	A	0.0899
rs35100	C	0.0602
rs116848362	C	0.1161
rs17114649	A	0.0708
rs11105147	A	0.0406
rs11614838	C	0.1845
rs76103439	C	0.1782
rs143602278	C	0.2141
rs145348943	A	-0.1207
rs1498662	A	0.0535
rs12372725	G	-0.1358
rs2417503	G	-0.0595
rs11045246	T	-0.0894
rs12831243	A	0.0824
rs11063069	G	0.0443
rs4149000	T	0.0398
rs11052033	T	-0.0523
rs11060653	T	0.0326
rs73059443	G	-0.0798
rs55991347	T	-0.1548
rs116945253	C	0.1695
rs1882299	G	0.0476
rs11055109	G	0.0266
rs4254128	C	-0.0288
rs1461567	A	-0.031
rs12829679	G	0.0687
rs146157875	G	-0.2043

rs78620380	G	-0.1003
rs10772456	C	-0.0318
rs11174689	A	-0.0485
rs10770881	A	0.1014
rs11046914	T	0.0299
rs74915233	G	0.183
rs148154105	G	0.1402
rs76164043	G	0.0712
rs112276931	G	-0.0528
rs142621472	A	-0.1304
rs7968982	T	0.0513
rs143923410	A	0.0918
rs73114269	C	0.0427
rs80102878	A	-0.1218
rs4399392	G	0.0548
rs1515777	G	-0.0321
rs78093437	C	-0.0382
rs11174771	T	0.0258
rs76907193	C	0.0928
rs111851575	A	-0.1275
rs73131668	T	0.1688
rs80319366	A	-0.0864
rs1038161	A	0.0268
rs10744876	C	-0.0259
rs5744830	T	-0.1287
rs141044074	T	0.1517
rs1305392	G	0.0337
rs12830964	C	0.1486
rs7302279	C	0.0317
rs146295382	G	-0.0566
rs113326582	T	-0.13
rs73191457	G	0.066
rs79468899	T	0.0836
rs144273812	G	0.0845
rs138854007	G	0.1595
rs77319043	G	-0.2325
rs11836069	C	0.0419
rs150697438	A	0.1841
rs772572	G	0.0345
rs116841868	G	0.1378
rs2041136	G	0.1585
rs60612846	C	0.0729
rs77787001	G	-0.1747
rs10773559	T	-0.0451
rs11062712	T	-0.1259
rs2140218	A	-0.0585
rs75326067	A	0.1007

rs75676221	C	-0.0715
rs35220688	T	0.1895
rs837464	A	-0.0446
rs11064092	A	-0.1162
rs2292688	T	-0.0524
rs77301399	A	-0.0568
rs12321047	C	0.071
rs4764028	C	0.0359
rs75189886	T	0.0843
rs1826208	C	0.0288
rs11058960	T	0.0468
rs117493524	C	0.1856
rs1731773	T	0.0541
rs17842954	T	-0.0946
rs4135038	G	0.03
rs7309815	A	0.1279
rs74355565	G	0.073
rs75652111	G	-0.0548
rs11108097	G	0.0376
rs4964457	T	0.0401
rs76441054	G	0.1102
rs75266936	G	-0.1346
rs4768107	G	-0.0335
rs61762420	G	-0.1085
rs111961072	C	0.1455
rs7301872	G	-0.0817
rs7133338	A	0.1163
rs74381881	C	0.1236
rs117548396	A	0.0841
rs10870592	A	-0.0327
rs12302881	G	0.0372
rs75440674	A	-0.0937
rs1549090	A	-0.0415
rs143221941	A	0.1457
rs12578235	A	0.0775
rs61942309	T	-0.0624
rs10880190	A	-0.0491
rs11170676	A	0.0632
rs75389821	T	0.0622
rs35755071	T	0.0391
rs3782194	C	0.0914
rs7960895	G	-0.085
rs74340065	C	0.0879
rs780314	G	-0.0495
rs73228316	C	0.0376
rs11063881	T	-0.0613
rs61923499	A	0.0414

rs145516208	C	0.1197
rs112193976	C	0.1031
rs696345	G	0.0751
rs1684385	A	-0.1143
rs1520824	T	0.0464
rs34602773	G	0.063
rs1688546	C	0.0266
rs143794057	G	0.1569
rs78723950	A	-0.1035
rs1119059	G	-0.0271
rs11060731	T	0.0958
rs145833948	A	0.1046
rs12322423	G	-0.0296
rs774894	T	-0.1048
rs2001458	A	0.0627
rs117510759	G	-0.1379
rs10773342	T	-0.0267
rs7295633	T	0.0933
rs354122	G	0.1289
rs2630593	G	0.0855
rs12425095	A	-0.0327
rs74918182	G	-0.1432
rs422931	T	-0.0286
rs11060201	A	-0.0336
rs7953296	A	-0.0266
rs146350222	A	-0.0714
rs7979263	G	-0.0448
rs75940994	G	0.1033
rs76746325	T	-0.0477
rs116298481	T	0.0808
rs7305973	T	0.0433
rs73043738	A	0.0517
rs117062293	T	0.1946
rs117560150	T	-0.0746
rs10848138	A	-0.051
rs2364493	A	-0.0304
rs144151752	T	0.0779
rs111525235	T	0.0514
rs1284883	A	-0.0269
rs145145497	T	-0.0664
rs11177192	T	0.0291
rs1861835	A	-0.0436
rs2061869	G	-0.058
rs150886514	T	0.0922
rs4768575	C	0.0283
rs4429153	A	0.0787
rs61957871	C	-0.0293

rs73181886	C	-0.0367
rs2030130	C	0.0347
rs34019668	C	-0.1145
rs7966895	G	0.028
rs1270773	G	0.0333
rs117975985	T	-0.1507
rs143115415	A	0.224
rs75680399	A	-0.15
rs145605464	C	0.1445
rs4768301	C	-0.0435
rs74486492	G	-0.1497
rs11174598	A	0.0421
rs4763062	G	0.0475
rs76980749	G	0.1035
rs150944337	T	-0.1677
rs61761088	G	-0.1326
rs145539107	T	0.1375
rs142794783	A	-0.1962
rs77348580	T	0.0973
rs1791643	T	0.0261
rs117711135	C	-0.1174
rs6539151	C	-0.0505
rs34223790	C	0.0441
rs962656	C	-0.0415
rs7134189	G	0.0995
rs2171718	G	-0.0299
rs151255922	A	0.1521
rs7134467	T	-0.0475
rs10774043	A	0.0321
rs4759185	C	0.042
rs7963414	T	-0.0264
rs111826853	T	-0.0805
rs116891060	A	0.1142
rs11611423	C	-0.0382
rs61922040	G	-0.0269
rs11831946	C	-0.0327
rs117831222	C	0.0721
rs11068119	A	-0.0694
rs11831045	C	-0.0926
rs2695302	A	-0.0262
rs2248566	A	0.0355
rs144337132	G	0.1911
rs80280341	A	0.0702
rs111832222	T	0.1131
rs3136560	A	-0.0334
rs76917063	A	-0.068
rs144547022	A	-0.1932

rs11044023	T	-0.0743
rs140696624	T	0.0964
rs7296728	A	0.0327
rs2349092	T	0.0885
rs10773869	T	0.0326
rs1066393	C	0.0834
rs117941885	C	-0.1146
rs1797517	G	0.0292
rs11063072	G	-0.0812
rs35308668	G	0.0334
rs77352188	A	-0.1236
rs7958686	C	0.027
rs7960489	C	0.0822
rs61924168	A	-0.0363
rs73072186	C	0.1148
rs10878977	C	-0.03
rs12816355	T	0.025
rs72644834	C	0.0682
rs149957654	C	-0.1508
rs10879836	G	0.033
rs146580785	C	-0.036
rs75367760	A	0.0466
rs111642243	T	-0.1544
rs148193541	A	0.1037
rs296742	C	-0.0344
rs74540947	G	0.0872
rs11177966	A	0.0286
rs2373017	T	0.0308
rs34059177	A	-0.1414
rs7313291	T	-0.0329
rs7307214	A	-0.0368
rs61118439	A	0.1867
rs4964717	A	0.2147
rs74463630	G	-0.0998
rs138493946	A	0.1278
rs4765770	T	0.0418
rs149407923	C	0.1571
rs1059422	C	0.1321
rs7311756	A	-0.0389
rs79515988	C	0.0492
rs10774869	G	0.0252
rs117530530	G	-0.0628
rs4768555	A	-0.0268
rs180435	C	-0.0337
rs2287161	C	0.0289
rs140670195	T	0.1243
rs146446580	G	-0.1208

rs11112110	G	-0.1172
rs7975709	G	-0.0366
rs7303759	T	0.0393
rs111820035	T	0.1814
rs73116366	T	-0.0678
rs2567137	A	0.0261
rs145306596	T	0.1235
rs56057224	C	0.0445
rs117320602	G	-0.1113
rs73187355	T	0.0394
rs7295776	C	-0.0834
rs10774002	T	-0.0271
rs61927926	T	-0.0917
rs11067219	A	-0.0719
rs7970960	C	0.0371
rs10842247	T	-0.026
rs4882760	T	-0.0371
rs73090732	C	0.1518
rs12319547	G	-0.0781
rs138821224	G	-0.1437
rs73299801	T	-0.0849
rs144642925	A	0.1221
rs117790215	C	-0.0978
rs7133481	A	0.0409
rs79468509	C	-0.1626
rs73205207	A	-0.1769
rs147609427	A	0.0721
rs1825515	G	-0.0375
rs11611632	T	0.0286
rs12422915	T	0.0323
rs77823212	A	0.086
rs149419046	C	-0.1278
rs61935911	C	0.0823
rs2108573	C	0.0882
rs73309163	A	-0.1162
rs10778470	A	-0.0296
rs149992830	T	0.1438
rs2258844	G	0.0312
rs78809649	G	0.1189
rs2166138	C	0.0276
rs34739581	A	0.0923
rs79353856	T	0.1883
rs737479	A	-0.0337
rs61943121	C	0.0628
rs75896330	C	-0.1899
rs77492856	T	-0.078
rs117259842	G	0.1312

rs73112444	A	0.0742
rs1275633	T	-0.0296
rs148356111	A	0.1694
rs35070158	A	0.0398
rs141772878	T	0.1047
rs80316721	A	-0.1732
rs117024567	T	-0.1127
rs144745382	C	-0.1392
rs7310287	C	0.0621
rs138424135	C	-0.1391
rs7302318	A	0.0503
rs78080032	C	0.0445
rs144921132	A	-0.1156
rs465760	G	-0.0582
rs78035242	T	0.1204
rs75193006	T	0.078
rs7957648	C	-0.0283
rs113616050	T	0.1573
rs1869892	A	-0.0267
rs12308682	T	-0.0335
rs11049328	A	-0.0506
rs73137390	G	-0.216
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rs61912162	C	0.0329
rs117806540	A	0.1535
rs143630136	T	0.1985
rs892491	T	-0.0244
rs61237524	A	-0.0732
rs118137000	G	-0.1619
rs11615894	T	0.0341
rs73180564	A	0.0657
rs2246353	G	-0.0284
rs11176267	T	0.037
rs1381884	C	0.0288
rs3764030	T	0.0325
rs75632260	G	-0.0456
rs59134724	T	-0.0382
rs6488452	A	-0.0336
rs1067522	T	-0.0262
rs183014	T	0.0522
rs74879269	A	0.1033
rs112284330	T	-0.1275
rs4883270	C	-0.1359
rs112403212	T	-0.0397
rs4587772	A	0.0277
rs17248053	G	-0.1014
rs139969521	C	-0.1118

rs7312271	T	-0.1693
rs113173910	A	0.0764
rs61943625	A	-0.1559
rs61732929	T	0.1904
rs73037304	G	0.0406
rs7963279	T	0.0305
rs138939910	A	0.0899
rs10506017	T	-0.0297
rs74581457	T	0.1888
rs167316	G	-0.0255
rs4931586	G	-0.0262
rs57122759	G	0.1604
rs6486527	C	0.0443
rs112780211	G	-0.1829
rs7311923	T	-0.0273
rs117118281	T	0.1774
rs73094999	A	-0.195
rs12312891	G	-0.0895
rs71460772	T	-0.0624
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rs144301505	A	-0.1275
rs118141978	C	0.1638
rs17044836	G	0.1097
rs77674496	G	-0.1162
rs76568701	A	-0.1397
rs1797977	G	-0.038
rs138293783	C	-0.0656
rs17027262	C	-0.0565
rs7299169	A	0.0522
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rs73128821	G	0.0508
rs61944683	A	-0.0446
rs56272941	C	0.1051
rs79637330	C	-0.05
rs11114987	T	-0.0801
rs61938600	G	-0.1398
rs1696725	T	-0.0294
rs2628597	G	-0.0364
rs1863835	A	0.0749
rs17254528	T	0.0259
rs112011586	G	-0.0851
rs73205171	A	-0.1008
rs17422291	T	0.0391
rs77741580	C	0.0418
rs117674528	C	0.1121
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rs10850953	G	0.034
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rs11048203	C	0.1449
rs1814318	A	0.049
rs558716	T	0.147
rs10850894	G	-0.0416
rs73118014	A	0.0764
rs17459979	C	0.0387
rs11111882	A	-0.0283
rs3888586	G	0.0291
rs75914624	T	0.0875
rs75739143	A	0.1852
rs80018723	C	0.0535
rs28434767	T	-0.0432
rs7976928	G	0.0247
rs4760835	C	-0.0571
rs2377092	T	0.0709
rs1032302	C	0.0257
rs12812831	A	-0.0477
rs4766888	A	-0.0338
rs826342	T	-0.0288
rs11050950	T	0.1033
rs4760707	A	0.0249
rs7302585	T	0.0257
rs61926455	G	-0.1941
rs75648489	C	0.0724
rs2240510	T	-0.0506
rs145977731	G	0.1817
rs5007546	A	0.0328
rs146994123	A	-0.2113
rs11834614	C	-0.0351
rs143226387	A	-0.0938
rs11108228	A	-0.1029
rs71458060	A	-0.0725
rs11182524	G	0.0705
rs74328855	T	-0.0663
rs10444437	T	0.0472
rs10842530	C	-0.0277
rs139316615	G	0.0775
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rs73203417	C	-0.0833
rs112857562	T	-0.1232
rs61924329	G	0.1233
rs10773466	T	0.136
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rs6487785	T	0.0281
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rs75494810	A	0.1286
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rs17585365	A	-0.0509
rs10860819	C	-0.0295
rs3926689	C	0.0262
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rs55884537	G	0.1092
rs76520021	G	-0.0816
rs12319544	G	-0.0409
rs11064130	G	0.0458
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rs71459543	A	-0.0629
rs2036225	T	0.0253
rs117654718	A	0.1087
rs11113182	C	-0.1077
rs1016268	T	-0.0275
rs73072367	A	-0.0989
rs534487	C	0.0266
rs142105055	C	0.0569
rs56249149	A	-0.1789
rs78422744	T	-0.0991
rs2669878	G	0.1052
rs61943774	A	0.0341
rs7136861	G	0.072
rs150899093	A	0.1819
rs2893751	G	0.0375
rs11063641	G	-0.0487
rs61924427	C	-0.0699
rs76132966	A	0.1194
rs79091816	G	-0.094
rs3764028	T	0.1535
rs12425237	T	-0.053
rs73097669	C	-0.0908
rs112470280	A	0.1135
rs117726090	C	0.121
rs148975688	T	0.1899
rs113335858	C	0.0682
rs76344357	C	-0.1171

rs7297618	C	0.0251
rs12579750	C	0.0289
rs35786612	A	-0.0655
rs78382172	C	0.0845
rs76275686	G	-0.1812
rs7962168	T	-0.0271
rs111735577	G	0.0656
rs17698594	C	0.1532
rs140341150	A	-0.1132
rs73116585	A	-0.0506
rs17028059	C	0.1855
rs11834189	G	0.0437
rs12581556	G	-0.0295
rs1479123	A	0.0267
rs1151048	T	0.0249
rs11829825	T	-0.0282
rs12318786	C	0.0517
rs118114168	A	-0.1053
rs12831271	T	-0.0866
rs56178237	A	0.1415
rs12312909	G	-0.0365
rs10847717	A	0.0322
rs74458771	A	0.0695
rs61914047	C	-0.1308
rs35436573	A	-0.0441
rs35206551	G	0.0861
rs74561928	T	0.0899
rs1484935	G	0.0294
rs77106149	A	-0.2745
rs829042	G	0.0297
rs76936522	A	0.0993
rs75440764	G	-0.0801
rs17125155	C	0.1109
rs140565666	C	0.0938
rs75745886	T	0.1305
rs147409471	G	0.1291
rs7133431	C	-0.0434
rs77235667	G	-0.141
rs2222330	G	0.1589
rs11176951	A	-0.0889
rs10849299	T	-0.0362
rs146465414	G	0.1387
rs34110724	A	0.0551
rs1873916	T	-0.0276
rs2728841	A	-0.0327
rs10745518	A	-0.0257
rs145022044	T	0.1965

rs79463378	G	0.0669
rs2371690	T	0.0352
rs61932091	A	0.1032
rs4882417	G	-0.1052
rs118139921	T	0.0923
rs55809569	A	-0.0358
rs11612302	A	0.1035
rs3217901	G	-0.0255
rs74476121	A	-0.0756
rs2596774	T	0.0875
rs17399987	T	-0.0554
rs10506072	T	-0.0485
rs1573612	C	-0.0258
rs144089807	G	0.1204
rs71450829	T	-0.0752
rs10850843	G	-0.0301
rs2335332	G	0.0292
rs117169950	G	-0.1594
rs17116870	T	-0.1282
rs117998492	A	-0.1114
rs7314773	A	0.1061
rs73145286	T	0.0925
rs10400531	C	-0.1089
rs137869479	T	-0.0675
rs73048064	T	0.0527
rs146780586	A	0.0944
rs76866468	A	-0.1356
rs1452241	T	-0.0242
rs11107199	A	0.0489
rs828933	T	-0.0435
rs4760582	C	-0.03
rs61925147	T	-0.0751
rs10878187	T	-0.0415
rs7979382	T	-0.0298
rs12831587	C	-0.0582
rs73116047	C	0.0332
rs1394598	T	0.0262
rs12828447	C	-0.0383
rs2035300	C	0.1084
rs142711156	T	-0.0899
rs117669221	A	0.0613
rs61943065	T	0.1124
rs11059475	G	-0.0262
rs116952390	G	0.0755
rs7314288	A	0.0613
rs117968197	G	-0.092
rs75143726	T	-0.1137

rs10842321	C	0.0846
rs746035	C	-0.0258
rs1796363	T	0.0277
rs4763676	A	0.0332
rs11043409	G	0.1363
rs9795780	C	-0.1334
rs75116177	C	0.0398
rs7309579	T	-0.0469
rs1075837	A	0.0258
rs1362969	T	-0.0271
rs77538299	A	0.1753
rs757644	A	-0.0443
rs143373200	T	0.1039
rs79782126	C	0.1957
rs10734897	T	-0.0436
rs17096327	A	-0.0666
rs10881086	A	0.0284
rs10850606	G	-0.032
rs77770182	C	0.0955
rs79730559	T	-0.0351
rs56088416	T	-0.0515
rs77222918	G	0.1008
rs73141971	T	-0.0564
rs117538482	G	0.1276
rs73141320	A	0.0556
rs7962118	G	0.0286
rs11613061	A	-0.0278
rs7300962	C	0.0415
rs111810199	G	0.1019
rs149546449	G	-0.1628
rs12821696	A	0.0427
rs118141300	T	-0.1154
rs73036729	A	-0.1344
rs147827331	A	0.1094
rs12581104	A	0.0277
rs6538407	C	0.0851
rs11059482	A	0.1296
rs76595019	G	0.117
rs76510980	G	0.0971
rs78405090	A	0.1395
rs61951843	C	-0.0705
rs112278111	T	-0.1131
rs377280	A	-0.0264
rs12810366	T	0.034
rs55779338	A	0.0402
rs10161070	T	0.0248
rs776193	A	-0.0256

rs7133699	A	0.029
rs771002	C	-0.0362
rs7305424	T	0.0253
rs839945	A	0.0362
rs7959024	T	-0.0315
rs10507216	T	-0.0311
rs12427142	C	0.0483
rs117065448	T	0.0991
rs117580739	A	-0.0798
rs2851437	C	-0.0313
rs117539839	C	-0.0946
rs12372626	A	0.0285
rs249153	C	0.0297
rs75845252	T	-0.0758
rs73229538	T	0.0807
rs12317396	T	-0.0546
rs11109427	A	0.0372
rs78994985	A	-0.0451
rs741542	T	-0.0285
rs149207043	G	-0.1028
rs77866843	A	-0.0779
rs148822097	G	0.1413
rs142421629	A	-0.1581
rs111898478	C	0.1268
rs11613798	T	0.0662
rs61940100	A	0.037
rs75751883	C	0.0471
rs73180152	A	0.1163
rs16939769	A	-0.0625
rs17697855	T	0.0348
rs7969016	G	-0.0643
rs56308218	T	0.0932
rs79265864	G	-0.064
rs78347443	T	0.0772
rs1381802	G	0.0284
rs7978744	A	0.0319
rs7302220	C	0.0977
rs12824446	T	-0.073
rs10506086	T	0.0302
rs144012325	T	-0.2072
rs1021759	C	-0.0524
rs73136298	T	-0.0522
rs61940027	G	-0.0424
rs11502464	A	0.0522
rs12827282	C	0.0252
rs35321503	C	0.0349
rs71537691	T	0.147

rs10843531	C	0.0438
rs34207804	T	-0.0307
rs79744569	A	0.0668
rs7487148	A	0.1264
rs4767242	C	0.0279
rs4765422	T	0.0421
rs12309147	T	0.0872
rs1693614	T	0.026
rs149821736	A	0.112
rs79507597	A	-0.0297
rs149308454	T	-0.0756
rs113184264	T	-0.1524
rs149436455	T	0.0988
rs201372	T	-0.0309
rs10850126	G	0.0693
rs4762477	C	-0.0395
rs10861502	A	-0.0401
rs10773756	A	-0.045
rs11109081	G	-0.0277
rs17040655	C	0.0465
rs78356591	T	-0.1162
rs117474528	A	-0.1351
rs17720767	C	0.0352
rs75313312	G	-0.0771
rs78237507	A	0.0758
rs75669000	A	0.08
rs117753166	C	0.0962
rs1726435	C	-0.0247
rs139593264	A	-0.1788
rs74588171	T	-0.1022
rs17387693	C	0.0386
rs7965154	A	0.0259
rs117912527	G	0.1249
rs111606480	C	-0.1458
rs35511882	T	-0.106
rs138551256	T	0.1216
rs1593848	A	-0.0256
rs73193448	A	0.0822
rs10774615	C	0.0287
rs4283046	A	0.0271
rs7977149	A	0.0732
rs7977653	C	-0.044
rs73081866	C	-0.0838
rs73208354	A	-0.1088
rs11048291	A	-0.0319
rs143107418	T	0.1401
rs61935962	G	0.0533

rs10850971	G	0.0314
rs78988714	C	0.1526
rs1196857	G	-0.1185
rs10774048	T	-0.0336
rs144450919	A	-0.1104
rs7956808	G	0.0371
rs3900145	A	-0.0298
rs56263662	A	0.1249
rs7306419	G	0.025
rs9634311	G	-0.0256
rs12372268	A	0.0872
rs113659587	A	0.1231
rs4766152	T	0.025
rs592448	A	-0.0313
rs77095126	C	-0.0756
rs1167127	C	-0.0643
rs11181889	A	0.0528
rs117484514	C	0.0695
rs2406427	A	0.0262
rs118135602	G	-0.1563
rs75460553	A	-0.0572
rs75168875	G	0.0366
rs118143523	C	0.1418
rs10842056	G	-0.0473
rs4761507	C	-0.024
rs4763816	A	0.106
rs7960094	A	-0.0536
rs10880337	G	-0.0252
rs73109570	C	-0.0704
rs10847433	C	0.0452
rs11835105	G	0.0302
rs143266115	C	-0.0431
rs61932577	A	0.0739
rs73066081	T	0.0376
rs77677540	C	0.0828
rs76309294	C	0.1426
rs77165791	G	0.0347
rs141314557	A	0.1482
rs78001404	A	-0.0486
rs76596465	G	0.1111
rs721156	T	-0.058
rs7954790	T	0.0336
rs2222640	C	0.0401
rs117832561	T	0.0721
rs112018809	T	0.1694
rs75107351	T	-0.0578
rs9634127	A	0.0288

rs77606895	A	-0.117
rs34512292	C	-0.0851
rs11178700	C	-0.0533
rs7964349	G	-0.0734
rs2279577	G	0.0239
rs116875832	T	-0.0922
rs77071890	T	0.1322
rs139157355	T	0.1687
rs17175270	A	0.0766
rs10771085	C	0.0265
rs11609759	T	0.1143
rs113961330	G	0.1583
rs2627189	T	0.0242
rs76622227	A	-0.0432
rs10843781	C	0.0331
rs57263012	A	-0.122
rs117676716	T	0.1769
rs34849501	T	-0.0246
rs73063914	T	-0.0583
rs11177660	A	-0.0239
rs141740212	C	0.1061
rs11043362	G	-0.0261
rs12303303	C	0.0458
rs117444881	A	0.068
rs11836852	C	0.0408
rs9738118	T	0.0243
rs71462114	G	0.101
rs722885	G	0.0244
rs151240531	T	0.1796
rs11057652	C	0.034
rs56306595	C	0.0351
rs12581552	A	0.0339
rs118057318	A	0.087
rs11112923	T	-0.0566
rs554984	A	0.0344
rs77858741	T	-0.0475
rs77721277	T	-0.0775
rs116878472	C	-0.0917
rs7963618	A	-0.0386
rs117416565	A	-0.1972
rs1362651	G	-0.0265
rs7302979	C	0.0302
rs11829716	C	-0.0294
rs79337629	C	-0.1207
rs11104726	G	-0.0431
rs73083246	G	-0.0624
rs11046760	C	0.0691

rs7978933	A	0.0623
rs1826728	A	-0.0365
rs146737428	T	0.1651
rs61942129	T	-0.1014
rs143782468	A	0.1753
rs12819591	T	-0.0422
rs687448	G	0.0266
rs10848891	A	-0.0495
rs116855407	T	-0.0774
rs150630578	A	0.169
rs4015595	T	-0.0978
rs116910576	C	-0.1358
rs3825379	T	-0.0356
rs55896773	C	-0.0347
rs77916485	A	0.0802
rs1012587	A	0.0286
rs117295201	C	-0.1497
rs325080	T	-0.0431
rs9739320	G	-0.0274
rs33220	C	0.0429
rs7136747	C	-0.0258
rs12309534	T	-0.0858
rs2126292	T	-0.0393
rs149994179	T	0.08
rs147401789	A	0.1205
rs71450992	T	-0.0912
rs77791687	A	0.1646
rs74969055	T	0.0905
rs12302883	T	0.0329
rs7963404	A	-0.0347
rs148056379	T	-0.1159
rs11183146	G	-0.0448
rs1922254	G	-0.0453
rs138369383	G	0.1099
rs71461448	A	-0.0827
rs11169690	T	0.0283
rs117290984	A	0.133
rs75465222	T	0.0775
rs61932707	C	0.1304
rs76219170	T	0.1669
rs12425105	T	-0.0417
rs148367339	T	0.0808
rs35222295	C	0.0339
rs11062357	C	0.0258
rs7968896	G	-0.025
rs2694974	G	-0.0399
rs1275645	A	0.0277

rs142366527	A	-0.1003
rs2040807	A	0.0305
rs79927457	G	0.1184
rs11609874	T	0.0356
rs11181534	A	0.1986
rs12230930	T	0.1102
rs34094718	T	0.0496
rs10878690	C	0.0491
rs10777586	C	0.0236
rs61915608	T	-0.0779
rs10846110	G	-0.0376
rs11046556	C	0.0284
rs2712512	A	-0.0347
rs78555230	C	0.0677
rs397135	T	-0.0276
rs11109827	T	-0.0351
rs4103620	G	-0.0327
rs12831779	A	-0.1229
rs12581428	C	-0.1735
rs17422573	G	0.0416
rs138174047	T	-0.2545
rs145086940	C	0.107
rs7134104	A	-0.0232
rs17581047	A	0.0584
rs12809295	A	0.0319
rs10847739	T	0.0273
rs6581525	G	0.0269
rs11113786	A	0.0247
rs143353733	C	0.1717
rs73408091	T	-0.0327
rs116992888	A	0.1742
rs2286604	G	0.0328
rs77129624	G	-0.0419
rs113646454	T	0.0704
rs1593530	A	0.0415
rs4459385	T	-0.0294
rs11055737	G	-0.0296
rs7308783	A	-0.04
rs7297309	T	0.1245
rs71460791	C	-0.0469
rs3782561	C	-0.0236
rs11833223	A	-0.059
rs79219475	T	0.1547
rs143873424	G	0.1248
rs17757771	G	-0.0662
rs7133592	T	0.0249
rs3809272	A	0.0285

rs1168667	G	0.0377
rs11612209	C	-0.105
rs1900740	T	-0.0255
rs112454257	G	0.1292
rs4409934	G	-0.0415
rs17016643	C	0.0707
rs34220678	A	-0.0953
rs73159000	A	0.0664
rs117329346	T	-0.0762
rs11050437	G	-0.068
rs111989534	T	-0.0809
rs150453998	C	0.1747
rs148476617	G	0.118
rs61934280	T	0.1521
rs6538806	C	-0.0294
rs10774993	G	-0.027
rs77583334	G	-0.1459
rs12582230	T	-0.0279
rs77307654	C	-0.0786
rs10506664	C	0.1438
rs12817773	T	-0.033
rs77453104	A	0.1216
rs10492352	T	0.0261
rs73238881	A	0.1879
rs117851987	G	0.0984
rs12229678	A	0.0515
rs116989677	T	-0.0851
rs12823279	C	0.0278
rs1283164	C	0.0699
rs73330258	G	-0.0558
rs117993538	A	-0.1375
rs74790812	C	0.1589
rs838897	C	0.0866
rs117561283	T	-0.1264
rs117550448	T	-0.1044
rs61943698	C	0.1724
rs57982083	G	0.0501
rs11048118	T	-0.0836
rs871685	C	0.0311
rs13378104	A	0.0624
rs10875650	C	-0.0272
rs17356067	T	0.0332
rs75045930	C	-0.0966
rs10778189	A	0.0841
rs117849931	G	-0.1149
rs759394	A	-0.0234
rs77074373	G	0.093

rs117883139	A	-0.107
rs147894191	A	-0.111
rs11174628	T	0.0465
rs73158866	A	-0.1737
rs1986977	T	-0.0244
rs1271671	A	-0.0797
rs73071053	T	0.1952
rs117337583	G	0.1285
rs6538510	T	0.0252
rs2241214	T	-0.0834
rs112142794	A	-0.0793
rs73200372	T	0.1096
rs369074	G	0.0279
rs61936902	A	-0.115
rs12815760	A	-0.0527
rs10083001	G	0.0392
rs79811379	A	0.066
rs150199887	C	-0.1302
rs6490046	T	-0.0445
rs75876008	G	-0.133
rs61912127	C	0.069
rs12320530	G	0.029
rs117481343	T	-0.0974
rs73086676	T	-0.0353
rs77537598	A	-0.0474
rs145577382	C	-0.0835
rs138335918	C	0.0709
rs111503359	T	0.0866
rs3759174	G	0.0403
rs55989908	C	-0.058
rs139289260	T	-0.175
rs117003806	G	-0.1074
rs118033110	G	0.118
rs16931380	A	0.0376
rs4258421	A	-0.0369
rs2230759	T	0.1033
rs11608282	C	0.0282
rs149059133	A	0.1599
rs7954376	C	0.0243
rs117193356	A	-0.14
rs1402279	C	0.0524
rs73122148	G	0.1216
rs118112734	G	0.1258
rs74622505	A	-0.066
rs118117062	T	-0.0975
rs61761074	C	0.1353
rs10842947	C	0.0249

rs118186488	A	0.0572
rs11047912	C	0.0271
rs59535902	G	0.0267
rs17022494	A	0.0988
rs11062320	T	0.061
rs10747527	T	0.0253
rs117879235	G	-0.2345
rs1099728	A	-0.0683
rs73229159	G	0.1319
rs3843943	T	0.0946
rs253837	G	0.0887
rs146885219	T	0.1773
rs11111421	G	-0.0405
rs12579827	A	-0.0257
rs6581547	A	0.0334
rs76490678	G	0.1009
rs1548947	G	-0.023
rs112962317	C	0.0821
rs117758483	A	-0.0691
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rs10858743	A	0.0274
rs80239497	G	-0.1061
rs2614712	C	0.0572
rs7968607	A	-0.0376
rs303774	A	-0.0293
rs61931175	T	-0.044
rs1351330	C	0.0303
rs12368302	G	-0.171
rs1113292	T	-0.0552
rs2141192	G	0.0244
rs12829367	T	0.0237
rs12814512	A	-0.0523
rs12321209	C	-0.0553
rs10843441	T	0.047
rs147467606	G	0.135
rs80190585	C	0.0552
rs141300575	C	0.1161
rs149837349	A	-0.1341
rs547827	G	0.0251
rs77398180	C	0.1482
rs2222842	T	0.0371
rs117206850	T	-0.1289
rs112886168	C	-0.1993
rs12810296	G	-0.1255
rs118025725	A	0.1182
rs11829768	C	0.0445
rs141246488	A	-0.1062

rs9805127	T	-0.0302
rs12367049	A	0.1838
rs61931649	C	0.1125
rs6488497	G	-0.0554
rs75907151	G	-0.0325
rs4758839	A	0.0959
rs11616165	T	-0.0584
rs75448266	C	-0.0777
rs12581578	G	-0.0286
rs11504083	G	0.0386
rs1583315	C	0.1225
rs4767664	A	-0.0238
rs10743363	G	-0.1865
rs770123	C	-0.0237
rs61937068	T	0.1549
rs76547134	A	0.1574
rs117893408	G	-0.101
rs77693898	C	0.0795
rs118003810	A	0.1927
rs11063832	T	0.0262
rs11113768	G	0.0738
rs11179124	A	0.0448
rs117725819	T	-0.1454
rs12820502	G	0.0901
rs113761508	A	-0.1016
rs34487978	A	0.0308
rs34059913	T	0.0414
rs73083292	T	0.0736
rs11183786	G	-0.1418
rs2731502	G	0.032
rs142894671	G	0.1555
rs79276723	G	-0.0833
rs117122655	T	-0.07
rs146326505	A	-0.1495
rs11613732	T	-0.1065
rs12824693	A	-0.0271
rs117086722	T	-0.1035
rs117080608	C	0.1043
rs12227358	G	0.024
rs4980806	G	-0.0379
rs74995753	T	-0.0874
rs7955168	G	-0.0396
rs141439644	A	0.1236
rs117106104	A	0.1224
rs11110395	T	-0.0657
rs78589481	A	0.067
rs7301090	G	-0.0461

rs111687279	T	0.2095
rs17181487	C	-0.078
rs11108565	T	0.0297
rs10842765	T	-0.0302
rs77690672	A	0.0526
rs34631206	C	0.0263
rs148605706	A	0.1022
rs145403184	C	-0.0897
rs11175735	G	0.0278
rs7966172	G	-0.0236
rs1991296	G	0.0237
rs11060212	G	-0.0386
rs112553624	C	0.0887
rs75896548	C	0.0684
rs10744373	A	0.0318
rs57674411	T	-0.039
rs12828318	G	-0.0426
rs78870403	T	0.1208
rs7966337	C	-0.1392
rs12817429	T	0.0481
rs145193401	A	0.1296
rs150685059	G	-0.1072
rs17609612	T	0.0702
rs71462957	T	-0.0815
rs111922371	G	-0.1747
rs76448499	A	0.1347
rs12314373	A	-0.0318
rs17724056	A	0.0881
rs12371859	C	0.0751
rs56043300	C	-0.0821
rs256191	A	-0.0514
rs618299	G	0.1048
rs4842316	C	0.025
rs11060551	A	-0.0528
rs10849180	T	-0.0383
rs77751560	G	0.1269
rs74846330	C	-0.0677
rs60855277	A	-0.0648
rs10772847	G	-0.0267
rs12823888	C	0.0477
rs79269047	T	0.0541
rs117361920	G	0.1604
rs78971695	C	-0.0921
rs61933418	G	0.0477
rs74393819	C	-0.0887
rs76440580	A	0.1427
rs7975354	T	-0.029

rs75618509	A	-0.0921
rs7968403	C	-0.0237
rs77041748	G	0.0491
rs76759213	T	0.0556
rs73144782	T	0.0364
rs1913200	A	-0.0229
rs10860631	C	0.0285
rs11834300	G	-0.0565
rs73084535	T	0.0402
rs78334131	C	-0.0471
rs1908535	C	-0.0241
rs76239429	T	0.1613
rs117036266	T	0.1239
rs17833581	T	0.0901
rs10777082	T	0.0432
rs77531759	G	0.0594
rs10846018	A	0.0806
rs56940775	C	-0.0824
rs146761598	C	-0.0625
rs117737059	T	-0.1248
rs113069905	G	-0.0386
rs12818490	A	-0.0252
rs73058001	T	-0.0316
rs1564871	C	0.0295
rs117722096	A	0.1298
rs11534970	T	0.1445
rs56282590	A	0.112
rs1700388	T	0.0404
rs61940613	C	0.1245
rs56402819	C	0.0265
rs709240	T	0.0277
rs78250896	C	-0.1154
rs4964285	T	-0.0279
rs117267037	C	-0.172
rs75744780	T	0.0905
rs147462717	A	-0.0899
rs1500876	A	-0.0246
rs869046	T	-0.0279
rs61924049	G	0.0473
rs148245007	A	-0.1331
rs17674009	A	0.0883
rs1365428	C	0.1538
rs17177298	A	0.0597
rs77616200	G	-0.1085
rs36029544	G	0.038
rs4423256	T	0.0333
rs118043586	G	0.0718

rs7969292	A	0.0485
rs11177129	C	0.0694
rs12319533	G	0.0595
rs79791808	C	-0.1487
rs79744961	C	0.0969
rs7310854	C	-0.0341
rs61930385	G	0.0614
rs17251458	G	-0.0986
rs36001570	A	-0.051
rs7964124	C	-0.033
rs3759086	A	-0.0243
rs12579421	A	0.0577
rs117338462	A	0.1007
rs11829269	A	0.0695
rs80184793	A	-0.0586
rs17438276	G	0.03
rs145063760	T	0.0632
rs61907544	T	0.0322
rs586399	C	-0.0312
rs1495344	A	0.1038
rs78324805	G	0.1604
rs1344666	T	0.0345
rs73054124	A	0.0385
rs11170951	T	0.1081
rs10748053	G	-0.0248
rs12830521	A	0.0419
rs75930377	T	0.0821
rs12817046	G	0.0486
rs11177058	C	-0.1376
rs76274200	C	0.0572
rs2029093	G	0.0274
rs12227661	A	-0.0393
rs11615512	A	0.1558
rs16920480	G	0.0307
rs11056382	C	-0.04
rs11837591	G	0.0335
rs73351214	C	0.0785
rs11613022	C	0.1035
rs61914035	T	0.0737
rs116896988	A	0.0814
rs1806195	G	0.0231
rs10743537	C	0.0358
rs117361965	T	0.1315
rs11177355	T	0.0448
rs9668831	A	0.0264
rs73224323	T	0.1
rs12296671	A	0.038

rs4931545	T	-0.0243
rs2532497	A	0.0256
rs61912820	T	0.0735
rs17500053	C	-0.0782
rs118065882	C	-0.1077
rs151327291	C	0.1761
rs1870566	T	0.0268
rs117552525	A	0.1447
rs75593698	G	0.0702
rs142235569	A	-0.0958
rs112763594	A	0.0611
rs11045928	G	-0.1288
rs7952965	C	-0.1716
rs73203283	A	0.1002
rs76084832	G	0.0706
rs60938166	T	0.0741
rs117139781	A	0.129
rs11116653	G	-0.1149
rs10860474	A	0.0274
rs11068803	G	-0.034
rs75434529	C	-0.0836
rs74416281	A	0.0428
rs10879399	T	0.1191
rs10861827	T	-0.0563
rs780873	G	-0.0537
rs117677831	G	0.0602
rs10878625	A	-0.0256
rs150347594	A	0.0575
rs12426173	T	-0.0281
rs1381040	G	-0.0232
rs17772958	T	-0.0526
rs77317533	T	0.0824
rs10860397	G	-0.0341
rs4964439	G	0.0268
rs11113198	G	-0.0233
rs10505931	T	-0.0232
rs8648	A	-0.0313
rs60570181	A	0.0469
rs11056593	G	0.0269
rs4963666	G	0.0424
rs1727326	C	-0.0373
rs117709493	C	0.0911
rs74322448	T	0.1425
rs117966728	T	-0.0803
rs11181285	A	-0.0906
rs12814260	A	0.066
rs501123	C	0.0416

rs10128984	T	0.0407
rs60650017	A	-0.0626
rs3794318	G	-0.0438
rs66590023	C	-0.1731
rs116534378	A	0.0679
rs111478768	C	0.0805
rs77472771	C	0.0656
rs73130174	A	-0.1132
rs73136648	C	0.0952
rs35359	T	-0.0237
rs12833265	C	0.0844
rs138552287	A	0.1851
rs117945355	G	-0.0749
rs2242357	T	0.0875
rs117136070	T	-0.0573
rs7957561	G	0.0287
rs55898931	G	-0.0516
rs17109275	C	0.1071
rs112351838	G	0.1527
rs4964438	T	0.0682
rs57579413	T	0.043
rs214648	T	0.0381
rs77281774	T	-0.1386
rs35757629	T	0.0494
rs11062987	G	0.074
rs73110913	A	0.126
rs1920604	A	0.0253
rs150710020	A	-0.0643
rs17676826	C	-0.0258
rs10128893	A	0.0228
rs76998291	T	0.0489
rs10773894	T	-0.0777
rs7314913	G	-0.0234
rs76371651	A	-0.1053
rs149802513	G	-0.1327
rs111529655	C	-0.107
rs150918	T	-0.0346
rs73230573	A	-0.0384
rs118050627	C	-0.1196
rs71455286	G	-0.134
rs11064681	G	-0.0248
rs17046232	T	0.038
rs140570367	T	0.0721
rs10858630	G	-0.0235
rs78298596	T	0.098
rs74675968	T	-0.0386
rs116964188	G	-0.0908

rs78800349	C	-0.1028
rs143637261	C	0.0736
rs55902815	C	-0.0393
rs11067162	A	0.0338
rs117573278	T	-0.1236
rs116996207	C	-0.1084
rs77887132	A	0.0721
rs10771717	T	-0.0246
rs473640	C	-0.0297
rs139679027	T	-0.1043
rs12313708	A	0.0757
rs78180976	T	0.1069
rs118138625	T	-0.1232
rs17114711	T	0.0828
rs11047410	G	-0.0441
rs71459332	T	0.0465
rs11176800	G	0.0316
rs10861081	A	-0.0415
rs17225111	C	-0.0252
rs35774673	C	0.0966
rs17778793	T	0.0309
rs12309393	A	0.0665
rs141656564	A	0.0511
rs111458526	T	0.1585
rs17023834	G	-0.0341
rs10783462	G	0.0318
rs11172482	C	0.0237
rs2359472	A	0.0444
rs112353807	T	-0.0944
rs2541138	T	-0.056
rs2062733	G	0.1639
rs74580352	A	0.1827
rs114318257	A	-0.0679
rs4758964	G	-0.0227
rs17430842	A	0.0576
rs11175568	T	0.1094
rs10082804	C	-0.0306
rs7977027	A	0.0237
rs11613447	A	-0.0354
rs10847838	A	0.0282
rs61913997	G	-0.0961
rs140342616	G	-0.0994
rs117288494	C	-0.1734
rs111837437	A	0.074
rs10847005	G	0.0345
rs1075988	G	0.0239
rs10771009	A	0.0232

rs17834867	C	-0.0369
rs147139584	T	-0.1024
rs2245906	G	-0.0434
rs10784282	C	0.0253
rs146194595	C	0.0952
rs143435133	A	0.1376
rs117279028	C	0.0908
rs146416383	A	-0.1179
rs77747027	T	-0.0946
rs11046711	T	-0.0406
rs2650039	G	0.0246
rs141075160	A	-0.1167
rs7969007	G	0.0454
rs77897505	A	-0.0844
rs11043716	A	0.0785
rs12229613	A	-0.041
rs111691687	A	-0.0485
rs73108143	G	0.1473
rs138275367	A	-0.1231
rs4763162	C	0.1366
rs4760453	A	-0.0608
rs7303520	A	0.0409
rs11051141	T	-0.035
rs117798896	A	0.1315
rs10847427	T	0.0373
rs73141873	C	0.1531
rs7485263	G	-0.0229
rs35989854	G	0.0883
rs216879	C	-0.0399
rs113282827	G	-0.1839
rs1487065	C	-0.0665
rs74637784	T	0.0396
rs2955404	C	-0.0254
rs2544083	T	-0.0362
rs11613160	C	0.0384
rs73235904	C	-0.0408
rs11044229	C	-0.025
rs11835188	A	0.0423
rs59375604	A	-0.1426
rs11067758	G	0.0282
rs61927332	C	0.035
rs75389068	G	0.0737
rs116930312	T	0.1199
rs310871	G	-0.025
rs1631306	G	0.0472
rs1140886	C	-0.0262
rs7963042	T	0.0407

rs77886736	G	0.1805
rs235600	A	-0.0641
rs117247128	A	-0.1222
rs665300	A	0.0231
rs76774915	C	0.0944
rs12319153	G	-0.0728
rs16948000	A	-0.0323
rs2638414	C	-0.0305
rs2612067	G	-0.0364
rs78413140	T	0.0359
rs75796163	C	0.0582
rs11180918	T	0.0373
rs2054150	T	-0.0239
rs117467426	A	-0.1228
rs117094111	A	0.0795
rs76241182	A	-0.0516
rs10783436	C	-0.0262
rs149261425	T	-0.1142
rs17302049	G	-0.0341
rs116088408	T	0.1169
rs148450560	T	0.1005
rs9669529	T	-0.0268
rs78162417	T	-0.1194
rs11106538	G	0.0888
rs7969873	T	0.0436
rs2238104	T	-0.0238
rs11177252	C	0.0314
rs79444767	T	0.0654
rs76147273	A	-0.1462
rs1351404	C	0.0665
rs79321567	A	-0.0612
rs11171393	T	0.1336
rs12829836	G	-0.0457
rs4623998	A	-0.0329
rs118171933	C	0.0935
rs2619133	G	0.023
rs10845668	T	-0.0349
rs2133633	G	-0.0604
rs7973927	C	-0.0269
rs714480	T	-0.0353
rs727580	A	-0.0299
rs76250950	A	-0.1643
rs3103505	T	-0.0798
rs61937472	A	0.0258
rs1375905	C	-0.0296
rs114241159	C	0.0749
rs6538367	A	0.0485

rs11832133	G	0.0307
rs79124632	G	0.0372
rs74975729	A	-0.1274
rs142216926	C	0.1933
rs498049	A	-0.0467
rs61920455	A	0.1258
rs75435065	G	0.1868
rs4766709	A	0.0227
rs7136313	G	-0.0493
rs78598097	G	0.0842
rs10743761	A	-0.1571
rs5745862	C	0.0473
rs34091025	G	0.0421
rs56144678	C	0.0348
rs11060323	C	0.0538
rs4763973	T	-0.0226
rs2936558	A	-0.0591
rs78354541	G	-0.0357
rs11608374	A	-0.0672
rs139442102	G	-0.1123
rs141198096	A	0.2122
rs116883595	C	0.1086
rs117719391	T	0.0644
rs79755633	A	-0.0864
rs77261108	C	-0.1287
rs11060224	C	0.0632
rs11049780	G	-0.023
rs71462946	A	-0.051
rs77817201	A	0.1099
rs117309598	C	-0.1017
rs2001649	A	-0.028
rs10846666	G	-0.0297
rs150246066	T	0.1915
rs76247991	A	0.1149
rs11494738	T	-0.1065
rs73149094	T	-0.0555
rs61748072	T	-0.151
rs2521978	C	0.0262
rs11168417	T	0.0321
rs112533131	C	0.1138
rs116897328	G	-0.15
rs76600952	T	0.0775
rs11062095	T	-0.0617
rs17424033	G	0.0462
rs12830530	C	-0.0328
rs10878208	T	-0.0235
rs117625927	C	0.1198

rs117990026	A	0.1034
rs7978476	G	0.0507
rs11051841	A	-0.0548
rs144269838	T	-0.1188
rs71452381	G	0.0365
rs10492227	A	0.0252
rs11056714	T	0.0433
rs112550276	A	-0.1276
rs61912185	T	-0.0344
rs958131	A	0.0225
rs11176924	T	-0.1152
rs117771479	T	-0.1546
rs77764206	C	-0.0925
rs113040597	C	-0.0954
rs10437800	A	-0.025
rs73230029	A	-0.1658
rs10082776	G	0.039
rs117813327	A	0.0698
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rs73117378	T	-0.0593
rs141987229	G	-0.1609
rs7967432	A	0.0398
rs12579938	G	0.0243
rs78345144	A	0.0597
rs17688627	A	-0.0298
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rs146805242	A	0.1371
rs4964206	G	0.1143
rs3782269	T	0.1427
rs73043672	C	0.0942
rs35788843	C	-0.0833
rs299436	C	-0.0261
rs73101481	T	-0.0953
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rs117485246	A	-0.1033
rs941133	A	-0.0494
rs10860685	C	-0.0229
rs16908444	G	0.0359
rs2555317	A	0.028
rs17733916	G	-0.1072
rs117456197	A	0.0989
rs141158037	T	0.0944
rs79824582	C	0.1053
rs12320738	C	0.0232
rs73159579	T	0.0831
rs75024051	A	0.0375
rs7980623	C	-0.1015

rs17491536	G	-0.0512
rs7298991	T	-0.0304
rs35943236	G	-0.0942
rs279011	C	-0.025
rs141265888	G	0.0965
rs12815215	A	-0.1503
rs67355568	A	-0.0295
rs7310577	A	0.1232
rs7297271	A	-0.0292
rs77482127	A	-0.0609
rs1616906	A	-0.0663
rs10860179	G	0.0266
rs34839199	A	0.0842
rs7960323	G	-0.0287
rs112991183	G	-0.1608
rs7139414	G	-0.1704
rs12427105	T	-0.1231
rs523581	C	-0.0353
rs80295637	T	-0.0649
rs71450039	A	-0.0431
rs2122694	T	0.0402
rs117761982	A	0.0707
rs9645716	A	-0.0557
rs78838814	G	0.1791
rs1263782	C	-0.0278
rs117960705	G	0.1345
rs73258307	A	-0.1205
rs12299713	C	-0.0369
rs35694267	T	0.1178
rs117422441	T	-0.0442
rs55688846	G	-0.067
rs7969590	G	-0.0225
rs75130088	G	0.0404
rs10771145	A	0.0526
rs11115613	A	0.0451
rs56267304	A	-0.0344
rs76159952	A	0.0555
rs146653832	A	0.1607
rs7307315	A	-0.0228
rs117592833	A	0.1581
rs12578623	G	0.0526
rs7309452	T	0.0785
rs2408376	T	0.0351
rs10875770	G	0.0272
rs12321659	G	-0.0294
rs78650054	T	0.0675
rs2660845	G	0.0242

rs10860651	T	-0.035
rs61940837	T	-0.0759
rs140173611	T	-0.1215
rs76458663	A	-0.0856
rs78716617	A	-0.1189
rs1495778	C	0.0359
rs149996684	G	0.1044
rs4762263	A	-0.023
rs76134374	C	0.0635
rs143213961	T	0.136
rs17227409	G	-0.0526
rs35329	A	0.0838
rs138870549	T	0.127
rs71462973	C	-0.0861
rs4764624	A	-0.0228
rs56348732	T	0.0736
rs117139065	T	-0.0607
rs1565731	C	0.0334
rs7959782	A	0.0465
rs11611018	G	0.0323
rs475222	G	0.0227
rs10844032	A	0.0243
rs139967887	A	0.0715
rs17422705	G	-0.0491
rs6421196	C	-0.0325
rs140275162	T	-0.0934
rs11045082	C	0.0331
rs61924698	G	-0.0309
rs7964257	A	-0.0597
rs67543549	T	-0.1027
rs118141892	G	0.0785
rs4767203	G	-0.0219
rs73047377	G	0.1146
rs146531001	T	-0.1016
rs2126291	G	0.0324
rs12370876	G	-0.0525
rs12582189	C	-0.0548
rs2398458	A	0.0315
rs2230375	C	-0.0236
rs7976353	A	-0.0441
rs2519536	G	-0.0304
rs139243374	A	0.0968
rs76904010	G	-0.2358
rs78141900	A	0.0743
rs74996610	G	0.0543
rs74237722	T	0.0488
rs12299449	A	0.0303

rs11111622	G	-0.0389
rs4842423	A	0.0231
rs80160971	A	0.0686
rs117928690	C	-0.1184
rs7961580	T	0.0395
rs117267609	A	-0.1328
rs141497407	C	0.0339
rs73368744	C	-0.083
rs118159516	G	-0.1131
rs12827913	A	-0.0977
rs17759214	C	0.0328
rs112942512	T	0.1188
rs144780363	T	-0.106
rs4768331	T	-0.0254
rs2583994	T	0.0233
rs12316546	A	-0.0359
rs73196261	G	0.1457
rs61908034	C	-0.1076
rs80352492	A	0.0741
rs144013783	A	-0.0952
rs71461106	G	-0.0911
rs10450796	A	-0.1078
rs11178739	G	-0.0441
rs74396244	T	-0.0506
rs117317799	G	0.1412
rs146089250	T	-0.1349
rs10862472	G	-0.1872
rs115651556	A	-0.1346
rs75920669	G	0.0543
rs114541842	T	0.187
rs2730782	C	0.0692
rs7960699	C	0.0402
rs12314127	G	-0.0299
rs7138570	G	-0.0437
rs146961036	A	-0.0401
rs61930801	A	-0.0321
rs79794195	A	-0.1371
rs2698259	G	-0.0221
rs11109058	C	-0.0751
rs4764979	T	0.0603
rs7967385	A	0.0347
rs12582848	A	-0.0236
rs17028195	A	0.0342
rs1961056	C	-0.0249
rs118061179	G	-0.0776
rs10783775	G	-0.0295
rs2117048	C	-0.023

rs11105856	A	0.0454
rs12426756	A	-0.1568
rs112826420	G	-0.0967
rs111247144	A	0.0928
rs12820450	C	0.0559
rs67436553	A	0.0787
rs117721606	A	0.1153
rs6539058	T	0.0259
rs73062743	T	-0.0689
rs2088990	A	0.0594
rs34031444	A	0.0319
rs113387995	C	-0.1172
rs2120528	A	-0.0325
rs10506555	G	0.0242
rs61922534	C	-0.0735
rs4272852	T	0.0639
rs117687310	T	-0.1555
rs10845427	C	0.0344
rs3887021	T	0.0536
rs10841144	A	-0.1606
rs148707891	C	-0.0924
rs12814523	G	0.0508
rs1133383	G	-0.0961
rs147062606	A	-0.0504
rs114756819	A	-0.0482
rs11067096	C	-0.0719
rs11612893	T	-0.0466
rs11613009	G	0.0246
rs61908949	A	-0.0501
rs61928587	T	-0.0706
rs112711392	A	-0.0596
rs3858656	G	0.0334
rs111798634	T	0.0647
rs116858148	C	0.1293
rs7308667	T	0.0741
rs17012330	G	-0.092
rs1060712	C	0.0309
rs141400245	G	0.1296
rs142710889	A	0.049
rs76567358	C	-0.0486
rs9705457	A	-0.0399
rs10459126	C	0.1256
rs3958102	T	-0.0466
rs10859732	A	0.0276
rs16920201	A	0.1194
rs9804781	A	0.0615
rs4463014	A	-0.0324

rs34372463	T	0.0216
rs111262149	T	-0.0669
rs7305346	C	0.0345
rs117336490	A	0.0543
rs1669943	A	0.0231
rs2465618	G	-0.0354
rs2686355	T	-0.0346
rs12228890	A	-0.0672
rs6580874	T	-0.0869
rs144883548	C	0.0726
rs114966165	G	0.0709
rs77644918	C	-0.0576
rs770157	A	0.0234
rs17037085	A	0.0278
rs4759758	G	-0.0278
rs79330992	T	0.0378
rs72648114	T	0.0363
rs34582	A	0.0631
rs5745895	G	-0.0536
rs11611673	G	0.1159
rs75318300	C	0.0338
rs17827209	C	0.1012
rs17045878	T	0.0491
rs117016904	A	-0.1512
rs111260183	C	0.095
rs61920660	A	-0.1507
rs10880255	T	-0.0597
rs11054460	C	0.0668
rs73068341	C	-0.0725
rs77158180	C	-0.1304
rs169294	C	0.0222
rs3217892	A	0.0691
rs117680812	G	-0.0535
rs75359098	C	0.1006
rs1896003	A	-0.0758
rs78239445	A	0.065
rs11111522	G	-0.0409
rs113750212	A	-0.0954
rs36018751	T	0.055
rs76168123	A	-0.0309
rs12582531	A	0.0839
rs61937884	C	-0.0955
rs75977598	C	-0.1105
rs11058956	G	-0.0887
rs12312467	A	0.1132
rs11832841	C	0.092
rs79577474	A	-0.147

rs7133391	A	-0.028
rs4882549	G	-0.0237
rs10437899	A	0.0249
rs1874521	A	-0.0247
rs2429131	A	0.0239
rs73119794	G	-0.1096
rs11106853	T	-0.1073
rs4765492	C	0.0345
rs117471128	C	-0.039
rs2177704	C	-0.0702
rs4421792	C	0.031
rs7302917	A	-0.0237
rs9919751	A	-0.0234
rs142379556	C	-0.1499
rs11055356	C	-0.0234
rs2287573	A	-0.035
rs10774722	A	0.0213
rs7300751	A	0.0296
rs10844638	C	0.0228
rs116935324	T	-0.1519
rs7300394	G	0.026
rs7297532	C	0.0364
rs1919719	C	0.0671
rs142853831	T	0.1127
rs10735440	A	0.0218
rs1194029	G	0.0225
rs1195939	T	0.0685
rs10774119	T	-0.0317
rs117100889	G	0.0812
rs2264769	G	-0.0276
rs61953500	A	0.1043
rs7965462	G	0.0526
rs4584625	A	0.0315
rs12582544	A	-0.1437
rs118185710	A	-0.1476
rs117536290	G	0.1674
rs147435428	C	-0.1567
rs1068928	T	-0.0265
rs3970421	T	-0.0613
rs141416513	G	-0.1037
rs78163848	T	0.1387
rs145752326	A	-0.102
rs7953724	A	-0.023
rs61934886	A	0.0605
rs56341513	T	0.1396
rs1582335	C	0.0542
rs34736867	G	-0.0321

rs117329947	C	-0.1093
rs145462438	A	-0.0733
rs113380336	A	0.0942
rs16907310	G	-0.026
rs11046719	T	-0.0829
rs112381160	A	0.0657
rs34733845	T	0.1057
rs117506648	A	-0.095
rs772232	C	-0.1273
rs12318261	A	-0.0974
rs79792410	G	0.1133
rs61936467	G	0.1008
rs142623670	G	0.0909
rs79991267	G	-0.054
rs7964620	A	0.0235
rs113438198	T	0.0867
rs76490401	G	0.0587
rs73085379	A	0.0371
rs61737629	G	0.1349
rs77897889	G	-0.0715
rs61923269	A	0.1263
rs73149854	C	0.0652
rs75191909	G	-0.0629
rs78273016	T	0.1192
rs7978493	T	0.09
rs10744458	C	-0.0236
rs11168620	A	-0.0446
rs10492031	A	-0.0268
rs59611034	C	-0.089
rs11068998	G	0.0505
rs7315199	C	0.0889
rs61931364	C	0.0595
rs2264760	T	0.153
rs11060938	A	0.0518
rs11574798	C	0.1002
rs146946237	T	0.1834
rs10842318	T	0.0317
rs1684224	G	0.056
rs58081520	A	-0.0732
rs17098298	C	-0.0373
rs78855816	A	-0.0779
rs67312395	C	-0.0249
rs45562445	C	0.1045
rs11059305	A	-0.0235
rs2174693	A	0.0625
rs6538408	T	0.0322
rs4764194	C	0.0228

rs11107741	G	-0.1222
rs1632493	A	0.1157
rs117549626	G	0.0779
rs80034114	T	0.1141
rs73383274	C	-0.1354
rs56039516	A	-0.0828
rs277246	C	-0.0416
rs61942862	A	0.0448
rs74980319	T	0.1257
rs9669797	T	-0.0764
rs11064068	A	0.0335
rs75498189	C	0.0414
rs144849003	A	-0.0596
rs117797102	T	0.0865
rs55770090	T	0.062
rs7299842	A	0.0227
rs73109136	T	0.0685
rs7970479	A	-0.0226
rs930860	A	-0.0359
rs74080238	G	-0.0963
rs76429448	G	0.0752
rs148775535	A	-0.0752
rs80155908	A	0.104
rs141196020	T	-0.0856
rs12230616	T	-0.0425
rs11183403	C	0.0263
rs2588343	T	0.0422
rs681594	C	0.1598
rs4639990	A	-0.0361
rs57382938	C	0.0378
rs10842404	C	0.0364
rs2088354	T	0.0693
rs4765999	T	-0.0241
rs34355641	A	-0.0277
rs74754250	C	0.047
rs61928115	C	0.1212
rs141974802	T	-0.0756
rs11614173	A	-0.0273
rs4764411	T	-0.0339
rs60889510	C	0.0451
rs4762058	A	0.0323
rs61918590	T	0.0501
rs11044762	T	0.0275
rs147812327	A	-0.1455
rs79479663	A	0.0762
rs1379963	T	0.0252
rs113871655	T	0.0852

rs117405013	C	0.1097
rs144983473	T	0.0727
rs116891861	G	-0.0862
rs61933781	T	0.0282
rs57351072	G	-0.0334
rs3887195	T	-0.0298
rs17616823	T	0.0769
rs1463770	T	0.0243
rs2295233	T	0.0439
rs79404032	A	-0.1065
rs75453931	C	-0.0673
rs73204250	A	0.0939
rs2674504	T	-0.0233
rs74668239	C	0.0553
rs117414569	T	-0.1312
rs11060271	A	-0.0224
rs12831681	G	0.0366
rs7974195	C	-0.0274
rs11110629	T	0.0992
rs8181673	A	0.0255
rs11609867	A	-0.061
rs112157835	T	0.1186
rs10507123	G	0.1169
rs1904551	C	0.0272
rs2384637	C	0.0336
rs3087864	C	-0.0314
rs77244171	T	0.0451
rs11059733	A	-0.0478
rs10784413	C	0.0329
rs117622479	A	-0.0958
rs143496855	C	-0.1519
rs73127134	T	0.0516
rs10505912	C	0.045
rs17443317	G	0.1812
rs149424164	G	0.1623
rs75501970	T	-0.0893
rs78506215	C	-0.0895
rs17547077	T	0.0724
rs150674909	C	0.1445
rs61940438	G	0.0563
rs17216107	C	0.1005
rs17445108	A	0.0409
rs1146082	G	-0.0213
rs200791	G	0.0313
rs116593173	G	-0.0754
rs77527504	A	0.1098
rs34321498	T	0.0614

rs11835695	C	0.0222
rs139271238	A	0.0973
rs7955903	C	-0.0275
rs73073445	G	-0.0406
rs75649450	G	-0.0691
rs117293258	T	-0.1471
rs117830056	A	0.0947
rs117593142	A	0.06
rs11048143	G	0.0678
rs2277350	C	0.0251
rs10771375	G	-0.0266
rs117608842	T	0.1134
rs12818428	T	-0.0782
rs7134843	A	0.0479
rs73066806	A	0.1184
rs17581334	G	0.0856
rs61926583	G	0.166
rs1353191	C	0.023
rs143687866	G	0.1743
rs10771571	A	0.024
rs76545872	A	0.0282
rs2358939	G	0.0521
rs12310799	G	-0.0311
rs117475009	A	0.0754
rs138647213	C	0.1441
rs76207870	G	-0.0973
rs1313546	A	0.0221
rs75890412	C	-0.1543
rs77569329	G	0.0585
rs7488796	C	-0.0888
rs36105439	G	0.0285
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rs745848	T	-0.062
rs10880522	C	0.0218
rs139675892	T	-0.1664
rs78299556	T	-0.0528
rs3762112	G	-0.0243
rs116963141	A	0.0943
rs2360973	C	0.0313
rs76168633	A	0.0989
rs7139439	C	0.0346
rs10848811	C	-0.0568
rs118043720	T	0.066
rs71464268	A	-0.1074
rs71468259	C	0.0264
rs550338	A	0.0247
rs1683164	T	-0.0212

rs116852977	T	0.1035
rs73197353	C	-0.088
rs77186700	A	-0.035
rs28416447	T	0.04
rs59505377	C	-0.0247
rs7977933	G	0.0688
rs73134104	C	-0.1491
rs148716859	T	-0.122
rs1252276	T	-0.031
rs7304767	A	0.0364
rs10862496	C	-0.0239
rs7303721	G	0.0234
rs11063631	G	0.0229
rs74435373	C	0.0492
rs144337407	A	-0.0382
rs61939274	T	-0.043
rs7968049	C	-0.0408
rs61530056	A	0.1061
rs76822258	A	0.1808
rs7132011	A	-0.0929
rs75557124	G	-0.0879
rs141386400	C	-0.1637
rs2171216	T	-0.0221
rs73221222	G	0.0711
rs10744720	T	0.03
rs4149155	A	0.0853
rs138195319	T	0.159
rs4964211	T	-0.0268
rs79791743	T	0.0885
rs11064841	T	-0.0834
rs72475449	G	-0.1456
rs76105006	G	0.0428
rs115910862	T	0.1146
rs79521420	A	-0.0456
rs3782415	C	0.0267
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rs7956516	A	-0.0332
rs7954837	A	0.024
rs117946977	G	-0.1351
rs117287072	A	-0.0679
rs118144016	T	0.1498
rs117618830	A	-0.0911
rs116863024	G	0.1046
rs78945869	A	-0.029
rs111617431	C	-0.0766
rs10877903	A	0.0417
rs151195045	A	-0.1251

rs117360609	C	0.1203
rs79949482	G	0.1086
rs1663579	T	0.1477
rs17025215	T	0.0677
rs76459387	T	-0.1416
rs80005920	T	0.0931
rs117670446	G	0.0555
rs117930541	C	0.1362
rs16927450	G	0.0277
rs145521278	T	0.1023
rs80132620	T	-0.1249
rs7970684	T	0.0258
rs73203407	G	0.0302
rs150893153	T	-0.1471
rs10778437	G	-0.0235
rs150666174	C	-0.1277
rs73074666	G	-0.1017
rs6580862	T	-0.0284
rs10774875	T	-0.0682
rs2535394	C	0.0231
rs76730401	T	0.1122
rs996286	T	-0.0265
rs1534618	C	-0.0265
rs11057851	A	-0.0415
rs12229987	T	-0.0242
rs11060247	T	0.0447
rs7133083	G	-0.032
rs590429	G	0.0346
rs116595095	A	-0.084
rs142509678	A	-0.1762
rs147148179	G	-0.1287
rs28570444	T	0.0601
rs1677193	C	-0.0216
rs4604969	G	0.0225
rs1452254	T	0.0965
rs771997	A	-0.0232
rs12314405	T	0.0492
rs117976605	C	0.126
rs73109131	A	0.0598
rs78401813	C	-0.0744
rs11613766	T	0.036
rs61929079	C	-0.0783
rs7979883	T	0.025
rs138849569	T	0.0911
rs117012356	T	-0.1884
rs34478626	C	0.084
rs117510105	T	0.1075

rs75867074	G	0.0568
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rs11183847	C	-0.0234
rs117599658	G	0.1317
rs2037406	G	0.0524
rs11066719	T	-0.0215
rs10846599	C	0.0258
rs146704699	A	0.1655
rs73369490	G	0.0357
rs79126221	T	-0.0793
rs6488536	T	-0.1636
rs7954123	A	0.0213
rs12425490	G	-0.1253
rs10861132	A	-0.021
rs4589352	T	0.0231
rs11050045	T	0.0528
rs75142692	A	-0.111
rs140600577	T	0.1033
rs35769	T	0.0511
rs117488193	A	-0.1642
rs11045994	C	0.0268
rs111235325	T	-0.095
rs73211415	T	-0.0921
rs73388588	T	0.0311
rs76139825	T	0.1682
rs143836821	T	-0.1514
rs3020815	T	0.0253
rs7485624	G	-0.0269
rs113660344	A	-0.0815
rs6581485	A	0.0716
rs116845523	G	0.1026
rs12830099	T	-0.1035
rs117322672	C	0.1194
rs35047	T	-0.0317
rs145430872	G	0.1284
rs11112814	A	-0.0464
rs75270518	A	0.0342
rs148936961	T	-0.1712
rs35976740	T	0.1392
rs79221930	T	0.1164
rs225533	G	-0.0232
rs80179001	G	0.1095
rs74582725	A	0.1058
rs144374169	T	0.1739
rs116893659	T	-0.1064
rs4149579	T	-0.0511
rs1351828	T	-0.0234

rs12301727	A	-0.0718
rs151079723	T	-0.1173
rs75988694	A	0.069
rs117483419	G	0.1069
rs11169838	T	0.026
rs1920417	G	0.0526
rs55996215	A	0.0218
rs73118508	A	0.0478
rs7489210	T	-0.032
rs201381	A	0.0574
rs12579603	G	0.0226
rs71438659	A	-0.0686
rs2471657	A	-0.0211
rs143727929	T	0.0802
rs75041341	G	0.044
rs41416545	A	-0.0564
rs17544033	T	0.1741
rs766404	A	-0.1166
rs73233821	G	-0.0768
rs2398553	A	-0.0239
rs80150747	T	0.0854
rs147300907	T	-0.0746
rs7316174	T	-0.0208
rs12371239	C	-0.0692
rs117934392	C	-0.0729
rs11176779	A	0.0228
rs2724226	C	-0.0271
rs2896042	G	0.0325
rs75239609	T	0.0777
rs142212434	C	-0.0584
rs36098467	T	0.0219
rs1878021	C	0.0341
rs117214385	G	0.0987
rs11045235	G	0.0281
rs11046613	T	-0.0458
rs1659793	T	-0.034
rs12423891	T	0.037
rs10771814	T	-0.0248
rs7973306	A	-0.024
rs225574	T	0.0297
rs118088556	G	-0.1276
rs139138993	G	-0.0897
rs147981475	T	0.1724
rs73060631	A	0.0748
rs79098922	T	-0.0306
rs146439475	T	0.102
rs1731666	A	-0.022

rs11612697	G	-0.0385
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rs117756423	C	-0.0758
rs118001270	C	0.0928
rs10771151	G	0.0245
rs59729815	A	-0.0903
rs11182954	T	-0.0521
rs12825391	A	0.0385
rs4981031	G	0.024
rs78622436	C	-0.0847
rs11057695	T	0.051
rs146757928	A	0.1043
rs10845430	C	0.0223
rs71453721	A	0.141
rs7342340	T	0.0229
rs45448092	T	0.0272
rs143818581	A	-0.0615
rs11064712	A	-0.049
rs4654	C	-0.0215
rs73406190	C	-0.0383
rs697871	C	0.0208
rs470477	T	-0.0227
rs73121665	A	-0.1373
rs118121531	T	0.0963
rs10400566	G	-0.0203
rs11114466	C	-0.0294
rs80137311	C	0.1528
rs80168527	C	-0.05
rs61288717	G	0.051
rs1383108	A	0.0334
rs73390346	G	0.1516
rs55931073	G	0.0553
rs2174905	G	-0.0307
rs113780007	A	-0.0818
rs7961178	A	0.033
rs11174029	A	0.0255
rs6581553	A	0.0249
rs117033749	A	0.0999
rs111730516	A	0.0751
rs7312706	C	-0.1586
rs148569996	T	0.0929
rs142442623	A	0.0893
rs61923521	T	-0.0632
rs35407271	T	-0.075
rs73383279	C	-0.07
rs73233337	A	-0.0953
rs117947541	G	0.0889

rs73053625	A	-0.1098
rs2302688	T	0.0275
rs1870218	A	-0.0665
rs78420523	A	0.051
rs78073362	T	-0.0595
rs9919677	G	0.0311
rs10861431	C	-0.0237
rs1486636	C	0.0208
rs12816145	G	0.0279
rs117169748	C	-0.1224
rs79240623	T	-0.0475
rs1713625	G	-0.0546
rs11044057	A	0.0376
rs1844950	T	-0.025
rs10773737	T	-0.0551
rs11063529	A	-0.025
rs73043023	T	-0.0664
rs11614711	C	0.0402
rs1994192	T	-0.0204
rs78393972	A	-0.0397
rs118059199	G	0.0786
rs7955288	C	-0.1347
rs141128804	T	0.1375
rs73109221	T	-0.0999
rs7313139	C	0.0212
rs111970901	T	0.0517
rs10082716	G	-0.0587
rs2555003	C	0.0308
rs550390	T	-0.0247
rs117302325	T	0.1065
rs10843440	T	-0.0213
rs7960452	A	-0.0374
rs3217924	T	0.1581
rs61924574	A	0.0557
rs20843	T	0.023
rs7132366	C	0.0224
rs74963516	T	0.0606
rs2596722	T	-0.0229
rs117465977	T	-0.1131
rs1598977	T	0.029
rs116909798	A	-0.0958
rs141582035	T	-0.0821
rs1490887	C	-0.0316
rs11048667	G	-0.0298
rs34682942	A	-0.0544
rs75464063	T	0.0713
rs10848772	G	-0.0309

rs12815920	A	-0.0564
rs1354421	T	0.021
rs2525055	G	-0.0236
rs10431583	A	0.0633
rs1955366	A	0.1078
rs117718179	G	-0.1427
rs6488262	G	-0.031
rs10774843	T	0.0226
rs61938081	A	-0.0895
rs7300111	C	-0.0213
rs722153	A	-0.096
rs12229360	G	0.0719
rs148381992	C	0.1298
rs148424772	A	-0.1173
rs71458365	A	0.0362
rs10862532	A	0.0268
rs75225421	T	0.0853
rs73072814	T	0.036
rs17832942	T	0.0213
rs12372636	A	0.0385
rs997821	A	0.0218
rs12422311	A	-0.0448
rs34112291	T	0.0921
rs10878023	G	-0.0313
rs78861809	G	0.083
rs4764181	G	0.0207
rs113304668	A	-0.0947
rs117843794	G	0.1283
rs2712536	G	-0.0226
rs2114567	A	0.0264
rs4387391	A	-0.0283
rs77210491	A	-0.0917
rs2374469	G	0.0214
rs77312011	T	-0.0392
rs1654940	G	-0.0298
rs112800946	C	-0.0956
rs151303127	A	-0.1179
rs17121643	A	0.0542
rs1874314	T	-0.0274
rs7976210	G	0.0272
rs1896354	G	0.0215
rs11611962	T	0.104
rs74770082	A	-0.0785
rs76779196	T	0.0848
rs148514566	G	0.0609
rs76239973	A	-0.0626
rs147592505	G	-0.1885

rs76283306	C	-0.074
rs7960896	A	-0.1663
rs12309771	T	0.1483
rs10860624	T	0.0229
rs17618031	T	-0.0406
rs1012682	G	0.025
rs1385567	A	0.0322
rs11177210	T	0.0326
rs117270282	C	-0.1107
rs61938378	T	0.1747
rs73200446	T	0.0574
rs11111142	A	0.1343
rs632326	A	0.0418
rs139103115	G	0.0699
rs10778934	A	-0.0254
rs112959889	C	-0.0703
rs7298728	G	-0.0219
rs4765518	C	-0.0283
rs2301262	T	-0.0359
rs7956846	C	0.0221
rs116973148	T	-0.1223
rs116902221	T	-0.0599
rs12320276	C	-0.0741
rs12809801	G	0.0574
rs35879448	A	0.1194
rs7132395	C	-0.0344
rs7300068	A	0.0318
rs61940260	T	0.0687
rs74526545	T	-0.1297
rs73096900	A	0.1111
rs12821479	G	-0.0427
rs2463021	T	-0.0398
rs117023001	A	0.1146
rs7485387	T	0.0296
rs7297077	T	0.0682
rs11176455	C	-0.0268
rs7297330	A	-0.0253
rs139489080	T	0.104
rs117384990	C	0.1176
rs1366041	C	0.0433
rs719840	C	0.0415
rs10841562	T	0.0212
rs144392349	G	0.1102
rs76465003	A	0.0931
rs77959368	C	-0.0753
rs6488841	C	-0.0241
rs11107467	C	0.0224

rs73154707	C	-0.0321
rs11057765	C	0.0292
rs4763701	C	-0.0439
rs151109080	T	-0.1429
rs61920343	A	0.1358
rs3911786	A	0.0663
rs10876202	T	-0.0383
rs11170033	A	-0.0224
rs56024853	A	0.0875
rs61910951	C	0.0322
rs11111350	G	-0.0225
rs75197622	T	-0.0888
rs150551901	T	-0.1416
rs4486720	C	-0.0779
rs78595509	C	0.0804
rs117061484	C	-0.1121
rs143136946	G	0.1476
rs10778218	T	0.0203
rs11616012	A	0.1636
rs61915661	T	0.0906
rs75786813	T	-0.1069
rs12321957	C	-0.0345
rs73054799	T	0.0267
rs75557932	T	-0.0543
rs143931609	T	-0.061
rs73186043	T	-0.0538
rs117415952	A	-0.0773
rs150387359	A	-0.1373
rs11060667	T	0.0315
rs4766303	T	0.028
rs145331154	C	0.1257
rs901235	G	0.0456
rs77645959	T	0.0848
rs10851024	A	-0.0228
rs246084	G	-0.0205
rs7313588	A	-0.0236
rs11058038	G	-0.04
rs138628484	A	0.079
rs142764518	T	-0.1079
rs6538164	G	-0.0325
rs148436189	A	-0.0934
rs2467462	C	-0.0206
rs7298143	T	0.049
rs117894402	G	-0.1067
rs2042861	T	-0.0232
rs10735107	C	0.0226
rs61706479	C	0.027

rs73104074	C	0.1031
rs73086854	G	-0.1121
rs143893805	T	0.0939
rs12809570	A	-0.0365
rs61686348	C	-0.1222
rs7316614	C	-0.0204
rs10745495	G	-0.0245
rs75929115	A	-0.0962
rs146325416	A	0.0906
rs1031605	A	-0.0359
rs155689	T	0.1484
rs5745066	T	-0.0884
rs34759455	G	-0.0422
rs149800174	G	-0.0816
rs7137757	C	-0.0515
rs758637	A	-0.0221
rs276013	T	0.0274
rs75269774	G	-0.1208
rs925717	T	-0.0276
rs77019514	C	-0.0363
rs78433681	A	-0.0958
rs2369281	C	0.0333
rs10743494	A	0.0219
rs55881607	C	-0.1346
rs61913144	G	0.1205
rs10777868	G	-0.0207
rs9645788	A	0.1541
rs75784032	G	-0.0702
rs117942711	T	0.123
rs3858698	T	0.0285
rs17321986	T	0.0361
rs2172953	T	0.0682
rs4423230	C	-0.0227
rs144110899	T	0.1217
rs12304486	G	0.0271
rs12308165	T	0.0258
rs140049925	C	0.0914
rs11571070	G	0.1236
rs12316701	G	-0.0347
rs759389	T	0.023
rs11061320	A	0.0791
rs730560	G	0.0217
rs76503703	C	-0.0949
rs138991026	G	-0.079
rs2063239	A	-0.0223
rs1552227	T	0.0229
rs1401985	C	-0.0543

rs269160	A	-0.022
rs118139499	C	-0.1084
rs17764531	C	0.0306
rs4762768	A	-0.0498
rs1842197	T	-0.0232
rs74701444	G	-0.1299
rs1252434	T	0.0283
rs6538314	C	0.0218
rs4994424	T	-0.0291
rs73047609	A	0.0694
rs61582113	A	0.05
rs5003834	G	0.0366
rs75649817	T	0.0658
rs117423450	G	-0.1239
rs504379	T	0.0495
rs61910163	A	-0.0489
rs10506791	A	-0.1173
rs2340693	G	0.095
rs7301148	T	-0.0876
rs10743611	C	0.0257
rs149514400	T	0.0957
rs11059925	C	0.0356
rs653861	A	0.0297
rs78169269	A	0.1064
rs73202227	C	0.0889
rs77951898	C	0.0547
rs10779121	C	0.0215
rs11111839	A	0.0405
rs10431248	C	-0.023
rs73301065	C	-0.0451
rs8179110	G	-0.044
rs10845622	T	0.0301
rs11048157	G	0.047
rs7132507	G	0.0238
rs78529822	A	-0.103
rs146839079	A	0.1605
rs76629760	A	0.1624
rs11615951	C	0.0265
rs117960781	C	-0.1172
rs35904672	G	-0.1526
rs76367540	C	0.137
rs11043221	C	-0.0248
rs75999642	A	0.0829
rs10744768	A	0.0243
rs112793510	T	0.1039
rs117614381	C	-0.0677
rs117451726	T	0.0839

rs73489112	A	0.1022
rs4963893	C	-0.0403
rs77757339	T	0.1299
rs11169591	A	0.0825
rs17295235	T	0.0734
rs56246545	G	-0.0295
rs74708432	C	0.0757
rs12812341	C	0.0273
rs2889653	T	-0.1047
rs233724	A	0.0248
rs117611588	A	-0.0688
rs12581167	C	-0.0394
rs10859536	A	-0.0537
rs150770891	C	0.0962
rs112513447	G	0.1015
rs4384443	T	0.1271
rs56040016	A	0.0988
rs114306	A	-0.0228
rs111620425	A	0.1527
rs12368471	T	-0.0364
rs60181455	A	0.0352
rs56410327	A	-0.0427
rs2522276	G	-0.0339
rs143872061	G	-0.1312
rs117322669	C	-0.0511
rs17784611	T	-0.0226
rs71456692	T	-0.0357
rs79865478	C	0.0951
rs7398588	G	0.0254
rs117595732	A	-0.1054
rs144904539	A	-0.0959
rs1405609	A	0.037
rs12426020	C	0.0906
rs12578731	C	-0.0452
rs11610520	C	-0.0234
rs112752561	T	0.1007
rs214683	A	-0.0287
rs76468953	T	0.1268
rs7959545	G	-0.0282
rs73114365	G	0.1223
rs117012086	A	-0.1368
rs11056825	G	0.0274
rs10841648	C	-0.022
rs76486998	A	-0.0533
rs6539684	C	0.0347
rs118185557	C	-0.0766
rs12316703	G	0.0409

rs1038666	G	0.0208
rs7953970	A	-0.0245
rs117579777	T	-0.0967
rs2694992	G	-0.0309
rs2173910	A	-0.036
rs34790441	G	-0.0655
rs11062021	T	-0.0218
rs147723687	G	0.1053
rs79782169	T	-0.1306
rs34826417	C	0.0906
rs148234385	T	-0.1345
rs10861183	G	-0.0236
rs12311934	A	-0.0517
rs35065	C	0.0347
rs7965121	G	0.0204
rs570162	C	0.0299
rs116975628	T	0.0669
rs78859196	G	0.0863
rs11063950	G	0.1318
rs4931263	T	0.0547
rs145736613	T	-0.1219
rs10849652	T	0.0248
rs17453719	C	-0.0396
rs1849780	T	-0.0222
rs11830497	C	-0.0245
rs78668878	T	-0.1316
rs58268363	G	0.0926
rs115898245	A	-0.0974
rs76147150	G	-0.113
rs3913013	G	0.0247
rs12811389	C	-0.0318
rs773126	A	0.0388
rs117464487	A	0.1529
rs147951872	A	-0.0607
rs4767303	T	0.0229
rs9669266	A	0.0214
rs144945702	G	-0.0549
rs140000655	G	0.1014
rs73186234	A	-0.1691
rs75500485	T	-0.072
rs117118291	A	0.1194
rs75440460	C	0.1217
rs2219875	T	-0.0554
rs79050315	G	-0.0338
rs140203209	C	0.0663
rs12367974	C	0.0272
rs68046549	G	-0.0206

rs118162036	T	0.1245
rs61937046	A	0.0482
rs12581822	T	-0.0226
rs1479458	A	0.0242
rs149520932	G	-0.0786
rs74434244	C	0.0712
rs7301497	A	0.1029
rs12820376	G	-0.0303
rs71181446	A	-0.0587
rs117227894	G	0.0532
rs10842281	G	0.0218
rs113642891	C	0.1003
rs7132481	A	0.079
rs79252645	T	0.0736
rs148043953	A	-0.1679
rs112651361	G	0.0542
rs11106315	T	-0.0371
rs117608922	C	-0.1465
rs118095711	T	-0.0964
rs1532103	A	-0.0322
rs66463142	C	-0.0226
rs2733839	C	0.082
rs7953523	G	0.1214
rs4760606	C	0.0216
rs10505952	A	-0.0604
rs56220052	C	0.074
rs7138373	G	-0.024
rs11056762	C	0.0525
rs144523221	T	0.1038
rs7303681	A	-0.0723
rs4996094	A	0.0583
rs12809581	C	-0.0307
rs758170	T	0.0225
rs4426201	G	0.1163
rs112211708	A	-0.067
rs141150811	A	-0.0521
rs75262846	T	-0.0798
rs78335055	A	-0.1568
rs77305839	T	-0.1107
rs12314123	A	0.036
rs56951720	A	0.0646
rs145425371	G	0.0921
rs78432840	G	0.0838
rs73166613	A	0.0728
rs1499907	C	0.0244
rs2727730	C	0.0206
rs11183872	T	-0.0608

rs112551636	T	-0.133
rs11062941	C	0.0311
rs113620768	G	-0.0537
rs118155018	A	-0.0945
rs221103	C	0.0234
rs76714924	T	-0.07
rs34058818	A	0.1177
rs11060572	G	0.0715
rs1731541	G	0.0197
rs7315426	G	0.1254
rs11111586	T	-0.0352
rs144982479	A	-0.0697
rs112035146	C	-0.1375
rs117308781	T	0.0694
rs113000366	G	-0.081
rs139076549	G	0.1582
rs117136477	C	-0.1339
rs1972067	G	-0.0378
rs61930262	G	0.0608
rs117851314	C	0.1382
rs56316323	T	-0.0934
rs2769449	C	0.0342
rs825471	G	0.0314
rs12424162	C	-0.0218
rs118184191	T	-0.0688
rs4303283	C	0.0269
rs116845549	T	0.1278
rs12307273	C	-0.0242
rs73075759	A	0.0293
rs7980587	T	-0.0302
rs74822983	A	0.1038
rs61923715	A	0.0793
rs7315586	G	0.0226
rs142165170	G	0.113
rs117229752	C	0.1397
rs1403389	A	0.0267
rs59446606	C	-0.0249
rs76670952	A	0.0882
rs1152954	G	0.0224
rs60366862	A	0.0791
rs78266652	T	-0.0523
rs75779186	A	0.053
rs78369956	T	0.0592
rs12813576	A	0.0281
rs10843776	G	-0.0294
rs12425714	G	0.1457
rs976308	A	-0.0205

rs75786626	T	0.1036
rs11113772	A	-0.0291
rs142099211	C	0.1288
rs1991458	A	-0.0529
rs3853623	T	0.0312
rs111725591	T	-0.0983
rs80301154	A	0.0733
rs12581782	A	0.0624
rs35038619	T	0.0765
rs147324824	G	0.1308
rs278902	G	-0.0545
rs4149578	T	0.0378
rs1800973	A	0.0491
rs146094919	A	0.1198
rs4762075	T	0.0211
rs10859966	C	-0.0237
rs17040551	G	-0.0216
rs2467466	G	0.0383
rs75659023	C	-0.0911
rs4964534	T	-0.0281
rs75726013	A	-0.0982
rs1006338	G	0.0286
rs17366764	A	0.0586
rs11174480	T	0.1764
rs12301767	G	0.0759
rs11060741	T	-0.0262
rs12367250	C	0.0218
rs10774962	A	0.0218
rs7485690	T	-0.0238
rs1144958	G	-0.0369
rs118178871	A	0.1539
rs7959876	C	0.0275
rs16930331	T	0.0537
rs77834373	A	-0.0644
rs75900967	T	-0.0423
rs75699069	C	0.1524
rs1653608	A	0.132
rs17819152	G	-0.059
rs12369004	G	0.0948
rs73162612	T	0.0458
rs3782631	T	-0.0209
rs11049355	A	0.0841
rs9795918	T	-0.0244
rs117215173	G	-0.1394
rs2011637	C	0.0227
rs117993290	T	0.1428
rs1484008	T	-0.02

rs4765710	A	-0.0232
rs144543878	G	0.0797
rs12425247	C	0.0335
rs11561325	A	-0.1166
rs113791197	T	-0.0888
rs55759660	T	0.0345
rs200786	C	-0.0335
rs7486212	C	-0.0251
rs11047025	C	-0.0639
rs111833211	C	-0.0855
rs1265746	A	0.1083
rs12310341	A	-0.0376
rs61943419	T	-0.0856
rs11060801	A	0.0333
rs35934161	A	-0.0806
rs76412127	T	-0.0443
rs79218506	T	0.0474
rs117469404	C	0.0803
rs9668335	C	-0.0276
rs4763734	A	0.0372
rs117064872	A	-0.1323
rs1258276	A	-0.0206
rs10849642	T	0.0332
rs77966432	T	0.0431
rs117374200	A	0.0954
rs11053770	C	0.0255
rs16930371	G	-0.0254
rs80190234	A	-0.0883
rs141342392	T	0.0712
rs10773118	G	-0.0221
rs9658536	A	0.0345
rs74528771	C	-0.0486
rs10880887	T	0.021
rs77663311	G	0.0649
rs12310930	G	-0.0437
rs10842181	T	-0.0225
rs1820497	G	0.0486
rs7135672	C	0.0951
rs7973427	C	-0.0231
rs10505904	A	0.0248
rs2300141	C	0.0396
rs4931150	T	0.0225
rs17123362	A	-0.0485
rs12424263	C	0.0284
rs1169289	G	-0.0207
rs4486711	T	-0.0243
rs150694247	T	0.0665

rs144352760	A	0.0711
rs73063908	A	0.0495
rs11044305	C	-0.0461
rs140278620	C	0.1296
rs146393823	T	-0.1217
rs11045204	A	-0.0729
rs11052551	A	0.0643
rs145067794	C	0.0645
rs76849243	G	0.1055
rs35989743	A	0.0904
rs17223797	A	0.0778
rs116895289	A	-0.1003
rs2304275	C	0.0235
rs7955865	A	-0.0219
rs10850359	C	0.0324
rs10849778	A	-0.0288
rs10862407	C	0.021
rs150443880	A	-0.1209
rs73196089	C	0.0345
rs1155457	T	-0.0211
rs117881774	A	-0.0906
rs11176201	C	0.0235
rs56295500	G	0.0481
rs3858691	A	0.0228
rs740895	C	-0.021
rs141729633	A	0.1571
rs79712123	G	-0.1318
rs117785369	A	-0.1064
rs147895606	T	0.0946
rs74946240	A	0.1072
rs701082	G	0.031
rs112158683	T	-0.0939
rs78969031	G	0.0804
rs7486402	C	0.0359
rs17463507	A	-0.1325
rs113595963	T	0.111
rs61946476	T	-0.0265
rs11180505	T	-0.0384
rs73103489	T	0.0409
rs17653326	A	0.1026
rs11055371	C	0.0418
rs113817025	T	0.0457
rs2887022	G	-0.0242
rs809794	G	-0.0197
rs7302306	T	-0.023
rs116442715	T	0.1527
rs11049109	C	-0.0543

rs76312693	G	-0.0696
rs112897518	C	-0.0852
rs147138891	C	-0.0856
rs11106461	A	-0.023
rs73156692	A	0.0239
rs142147484	T	-0.1112
rs143442768	G	0.1378
rs61940599	G	-0.0567
rs2462936	T	-0.0368
rs145174744	A	0.1088
rs3751322	C	-0.0294
rs76814992	A	0.1248
rs2124538	C	0.0374
rs10161110	T	-0.0545
rs34906074	G	0.0818
rs11109276	G	-0.0933
rs1650038	A	-0.0552
rs6582434	C	-0.0246
rs1468196	C	0.0305
rs11066426	T	0.0988
rs2388990	C	0.024
rs142641190	T	0.1264
rs117360077	C	-0.1805
rs148276076	A	0.0879
rs73043366	A	-0.0465
rs61928260	A	0.0544
rs116773219	T	-0.1295
rs10848380	G	-0.0266
rs144290688	T	-0.1291
rs118120436	A	0.1307
rs3932884	A	-0.0212
rs137871566	C	0.0431
rs4074773	T	0.0206
rs7302771	T	0.1014
rs61931188	A	-0.0399
rs10843858	A	-0.0591
rs142763468	C	-0.0366
rs12305097	C	-0.0205
rs6538075	T	-0.0233
rs35334720	G	0.0555
rs76531168	G	-0.032
rs118164840	A	-0.0695
rs2291857	G	0.0238
rs1380146	A	0.0204
rs1153188	T	-0.0236
rs76781151	G	-0.102
rs1259722	A	-0.0221

rs141789344	A	-0.1611
rs79169843	T	0.0465
rs11059266	T	0.034
rs4350408	A	0.0475
rs11046751	C	-0.0507
rs76507201	T	-0.0384
rs113644849	G	0.1394
rs17533220	T	-0.0976
rs4242897	T	0.0207
rs61957795	G	-0.0435
rs11831131	A	0.0721
rs117623286	T	-0.0572
rs7973708	G	0.0311
rs73141693	A	-0.0826
rs113755531	C	0.118
rs79897392	A	0.0971
rs2695300	G	-0.02
rs4883278	A	0.0279
rs146874663	A	0.0391
rs4759044	C	0.0204
rs61938400	T	-0.1086
rs7135281	T	0.0213
rs116917670	A	0.1359
rs117414714	A	0.0559
rs7305326	A	-0.0562
rs145035636	A	-0.1667
rs17832390	C	-0.0956
rs74842086	G	-0.0952
rs35364810	C	-0.0774
rs34275919	T	0.0238
rs117055390	C	-0.0662
rs75047192	G	-0.0781
rs73225455	C	0.0695
rs78240911	T	-0.0307
rs78267018	C	-0.1305
rs73128041	T	0.0619
rs146706381	G	0.0845
rs12825501	C	-0.0649
rs77827196	C	0.0803
rs117540283	A	0.1171
rs79186269	C	0.0869
rs112696980	C	0.0381
rs13378019	C	0.0268
rs7975942	T	0.0215
rs141799959	T	0.0421
rs11063699	G	-0.0223
rs115596217	G	-0.0521

rs11180264	A	-0.0202
rs12815834	A	0.0206
rs4379889	A	0.0224
rs116850878	A	0.074
rs117483361	C	-0.1504
rs1125920	C	-0.0354
rs12578114	G	-0.0389
rs3742088	C	-0.0327
rs61495985	G	-0.1323
rs17705552	A	-0.0238
rs11108884	A	0.0222
rs77635569	T	-0.0568
rs140629435	A	0.0938
rs11613643	G	-0.0342
rs7301525	T	0.1049
rs56076700	A	-0.0415
rs11838137	C	0.0432
rs7137136	C	0.0217
rs117366976	A	-0.1106
rs12371237	A	0.0204
rs56011442	A	0.0381
rs11180650	G	-0.047
rs75989362	G	0.0337
rs10875843	A	-0.0431
rs72648028	A	0.09
rs12312044	T	0.026
rs79352068	A	-0.0602
rs78196040	A	-0.0581
rs3886972	A	0.0521
rs12422853	A	0.0218
rs12582168	C	0.0327
rs75616205	G	-0.128
rs140975913	G	-0.1248
rs138102313	T	-0.154
rs10842783	T	0.0192
rs61908948	G	-0.032
rs71464253	C	-0.0242
rs12299509	G	-0.0223
rs143340249	T	0.0701
rs138580076	C	-0.102
rs148671801	T	0.0902
rs74641901	A	0.096
rs10847413	C	0.0512
rs77587378	T	0.1088
rs10902517	T	0.0221
rs10128775	A	0.024
rs11061302	A	0.1387

rs2466566	C	-0.0233
rs12301440	A	0.0396
rs142695069	T	0.1219
rs113296670	G	0.0574
rs2291327	G	0.0381
rs117336370	T	-0.0519
rs78978155	A	0.1764
rs73109020	A	0.0249
rs10783802	A	0.0205
rs79845230	A	-0.0762
rs12426028	T	-0.085
rs28815546	T	0.0896
rs144303947	A	0.112
rs75298995	T	-0.0615
rs809285	A	-0.0203
rs11613572	G	-0.032
rs117584874	A	0.0762
rs11181062	T	0.0323
rs145098651	G	-0.1396
rs2086777	A	0.035
rs2933233	G	0.0203
rs941225	T	0.0275
rs2374508	A	-0.0207
rs59062775	A	0.0383
rs2239032	A	-0.0315
rs2069732	G	-0.0562
rs77669574	C	0.1144
rs12827126	A	-0.0246
rs117082972	G	-0.0873
rs73119219	A	0.0632
rs116923619	G	-0.1218
rs11059265	G	-0.0461
rs117646836	G	0.0731
rs73127665	T	-0.0656
rs12300705	C	0.1315
rs117270443	T	0.0439
rs12366396	C	-0.0289
rs402590	C	-0.0314
rs73095874	C	0.1144
rs75356059	A	0.0385
rs1805775	C	-0.034
rs148055757	A	-0.0772
rs74954076	G	-0.0335
rs12826659	A	-0.0562
rs148896036	G	0.145
rs476087	T	0.0902
rs149380228	G	0.0594

rs73229358	T	-0.0447
rs77577754	G	0.0741
rs2579088	C	0.0217
rs10849204	A	-0.0207
rs80341059	A	-0.0837
rs118006188	T	-0.0771
rs11183923	A	-0.0274
rs138157587	T	0.0799
rs79512519	A	0.0485
rs74625383	G	0.0534
rs73065442	G	-0.0702
rs11067486	T	-0.02
rs117619884	G	0.1091
rs686538	A	-0.0304
rs139611229	G	0.0873
rs73041042	C	0.0657
rs71452010	A	0.1258
rs78908917	C	-0.0958
rs117101860	A	0.0578
rs117295039	T	0.0668
rs10774717	A	0.0224
rs79134558	G	-0.0402
rs138865002	C	-0.06
rs10778080	A	0.0191
rs11056671	G	-0.0345
rs144856564	A	-0.0998
rs146773651	T	-0.129
rs7968499	A	0.0201
rs116871479	C	-0.1089
rs150546296	T	0.1108
rs7980629	A	0.0372
rs2345781	C	-0.0513
rs147972235	C	0.0976
rs145469717	T	0.1802
rs11108772	A	-0.0213
rs146561164	T	0.0719
rs12318969	G	0.0606
rs55994708	A	-0.0757
rs1550777	A	0.0212
rs541452	C	-0.0232
rs117698795	C	0.127
rs116988326	C	0.0807
rs17779858	T	-0.0493
rs117044696	G	0.0908
rs142909241	G	-0.1252
rs111715065	A	0.112
rs149280643	C	0.1342

rs28460499	C	-0.0296
rs583766	G	-0.0202
rs11054799	T	0.0293
rs9332955	A	0.1194
rs6487491	T	0.0797
rs11112057	G	-0.0227
rs76754530	A	0.0791
rs11112522	G	-0.0244
rs74990107	C	0.1283
rs141789068	C	0.0884
rs73048822	C	0.0756
rs2268122	T	-0.0283
rs12582959	T	0.0203
rs75959604	A	0.0499
rs78968191	A	0.1451
rs34654441	T	-0.0215
rs10772678	T	-0.0228
rs142132833	G	-0.1321
rs149120924	C	0.0672
rs2239040	T	-0.1118
rs4765882	T	0.0229
rs140431457	A	-0.1582
rs7308198	A	0.0192
rs76550606	A	-0.082
rs864893	A	0.098
rs141898297	C	-0.0924
rs74567991	A	-0.08
rs116892571	T	-0.1151
rs117619854	A	-0.0566
rs78958072	G	0.1112
rs11062468	G	-0.0647
rs149399016	G	-0.0803
rs10507253	T	0.0212
rs11615031	T	-0.0859
rs7302869	T	-0.1241
rs4882806	C	-0.1056
rs11047506	A	-0.1051
rs3759097	T	-0.0197
rs79178170	T	-0.098
rs111683341	T	0.045
rs117380055	A	-0.1246
rs61928473	A	0.0235
rs7968735	T	-0.0195
rs12369637	C	0.072
rs79654792	A	0.1837
rs144397719	T	-0.1021
rs10784577	C	0.0197

rs76212083	A	-0.057
rs117474138	G	-0.0961
rs79848782	T	-0.1035
rs2671933	A	-0.0197
rs3847778	C	0.034
rs142605349	T	0.1492
rs117157793	T	0.056
rs12426636	G	-0.1116
rs80132994	T	-0.1409
rs77370475	C	-0.1539
rs1546190	T	0.0246
rs489618	A	0.0327
rs1964599	T	-0.0234
rs7133127	T	-0.0256
rs11063362	T	0.0305
rs61933469	A	0.0375
rs75281758	G	0.0697
rs74448529	A	0.1429
rs76746060	A	-0.1566
rs112192686	T	-0.0868
rs10431323	C	-0.0664
rs117623390	C	0.1388
rs80184708	C	0.0691
rs2534780	A	-0.0247
rs12320250	T	0.0256
rs16931939	T	-0.0399
rs76001232	A	0.0707
rs141500666	A	0.1071
rs12307712	A	-0.0703
rs35052	G	0.0226
rs11182480	C	0.0668
rs17026920	T	-0.0252
rs6488743	C	0.0234
rs140180248	T	0.055
rs145062351	T	-0.0651
rs2054724	A	-0.0427
rs117976000	C	0.0638
rs117563983	A	-0.0951
rs73140118	C	0.084
rs6538886	C	-0.1414
rs1009290	G	-0.0204
rs2120601	G	-0.0373
rs117409552	T	0.0959
rs10879244	T	0.0236
rs7299196	G	0.0347
rs954200	T	-0.0313
rs11608953	C	-0.0851

rs144520885	A	-0.0446
rs323854	T	0.0258
rs73136164	C	0.0194
rs61935493	G	-0.0777
rs117593271	T	0.0517
rs111108574	A	0.028
rs7976171	T	-0.1099
rs61933118	A	-0.034
rs7961991	C	0.0261
rs841069	C	-0.1386
rs34316545	A	0.1045
rs1671526	G	-0.0207
rs4130161	A	-0.0427
rs9330649	A	-0.0417
rs10777108	A	-0.0693
rs2374411	T	0.0203
rs149952615	C	-0.0933
rs10784651	A	-0.0202
rs56339115	A	0.0328
rs11610906	G	0.0328
rs56199035	G	-0.0442
rs11063014	G	-0.1092
rs111675641	A	0.1114
rs4963955	C	0.076
rs10844086	G	-0.0213
rs7966311	G	0.0401
rs258403	T	-0.0594
rs75296180	T	0.1137
rs76575507	G	0.1446
rs74401239	T	-0.072
rs117478833	C	0.116
rs12367097	C	-0.0258
rs17649152	C	0.1423
rs118090735	G	0.0775
rs7953197	T	0.0659
rs1234002	T	0.0226
rs2466552	G	-0.052
rs6490005	C	-0.0657
rs3829316	T	-0.0647
rs4283063	C	-0.02
rs61919055	T	-0.0511
rs77369302	T	0.057
rs714325	A	-0.0361
rs74908324	A	0.0395
rs77653082	G	-0.0763
rs1520782	A	-0.0318
rs140440105	A	0.0812

rs11065730	T	0.0618
rs1905421	T	-0.0316
rs146768325	T	0.1006
rs2468303	C	0.0229
rs61907782	T	0.1022
rs10846175	G	0.0197
rs112923360	T	0.0795
rs12426376	G	-0.0465
rs150308651	C	0.0826
rs113491111	G	0.1419
rs6486806	T	-0.0192
rs148906932	T	-0.1385
rs1858886	A	-0.0188
rs7959319	C	0.0996
rs141109475	C	-0.1323
rs216313	G	-0.0436
rs7972211	G	0.0257
rs74745613	C	0.1151
rs11833159	T	0.0622
rs10734961	A	0.0231
rs11057143	G	-0.0234
rs7138451	G	0.1955
rs73088467	T	0.0361
rs1586595	A	-0.0417
rs708335	C	0.0307
rs74111183	T	-0.0886
rs142177117	C	-0.0319
rs74829985	A	-0.0476
rs117504443	G	-0.1228
rs11178881	C	0.1688
rs75998698	A	0.0878
rs73056746	G	-0.0783
rs12424464	T	-0.0442
rs145716079	C	-0.1297
rs118100998	T	0.0869
rs77473253	T	-0.064
rs148991777	G	0.1293
rs3741943	A	-0.025
rs11832034	T	-0.0839
rs76579051	A	-0.0395
rs12813703	C	-0.0653
rs10848533	C	0.0284
rs117149507	T	0.0745
rs55743626	C	-0.0254
rs630034	A	-0.0304
rs7316605	C	0.0286
rs74950833	C	-0.0987

rs10743380	C	0.0389
rs145475610	G	-0.1627
rs2031055	A	0.0613
rs7961089	C	0.0233
rs73072463	T	-0.0572
rs7306332	G	0.0346
rs11106053	C	0.1053
rs11056368	C	-0.0368
rs146816039	C	0.0911
rs7136012	C	0.085
rs79114231	A	-0.0497
rs11109021	T	-0.0309
rs61937478	G	0.0811
rs1534798	G	-0.0385
rs117842783	A	0.1375
rs10773482	G	-0.0429
rs7306615	G	-0.035
rs76227078	G	-0.0247
rs116600481	C	-0.0996
rs11054489	C	-0.0527
rs118106076	T	-0.0737
rs1497241	C	0.0202
rs73228155	A	-0.0476
rs137926455	G	-0.1155
rs10841858	A	-0.0217
rs10773971	G	-0.087
rs146839845	T	0.1751
rs143570191	C	-0.0981
rs117232634	T	-0.0771
rs12830905	T	-0.025
rs112399022	G	-0.039
rs140665338	A	0.1186
rs73219325	A	-0.0458
rs11060941	T	0.0216
rs76005710	C	-0.0748
rs113830515	G	0.0579
rs2063508	T	-0.0193
rs903185	T	0.0527
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rs55744298	C	-0.0254
rs79847885	T	-0.0913
rs11108499	C	0.0287
rs7316328	G	0.0313
rs75142779	T	-0.0674
rs12366742	T	0.0243
rs11112132	C	0.0223
rs10850672	G	-0.019

rs78366106	T	-0.0622
rs61943941	G	-0.0534
rs7485934	G	-0.0558
rs73206280	A	0.0982
rs61933380	A	0.0661
rs10842099	C	0.0215
rs726943	G	-0.0386
rs10784765	C	-0.0293
rs61935903	T	-0.0857
rs34353255	A	-0.101
rs150011876	A	-0.1875
rs4765231	T	-0.0281
rs73035260	T	0.1189
rs1520836	C	0.0294
rs1904552	A	-0.0275
rs12368829	G	0.0654
rs61916033	G	0.0434
rs76080889	T	0.0605
rs112814955	A	0.0574
rs79659566	A	0.0505
rs7956259	A	0.0198
rs345948	G	0.0259
rs117237767	G	-0.097
rs4765598	T	-0.0191
rs7300297	A	-0.0362
rs4766362	T	-0.0207
rs7967283	A	0.0197
rs2079864	C	0.0499
rs214687	T	-0.0807
rs11175443	G	0.0186
rs11058145	T	-0.0591
rs10848971	A	0.0287
rs4583062	A	-0.0431
rs1351229	A	0.0185
rs11169872	T	0.0367
rs7972755	C	-0.0598
rs10744466	G	0.0204
rs76120895	A	0.0415
rs76218704	A	-0.0815
rs141619508	T	0.1868
rs11178264	G	-0.0762
rs117167446	T	0.051
rs180434	T	0.0259
rs4767426	T	0.0196
rs77006880	A	0.0635
rs11045649	T	-0.0212
rs11612440	T	-0.0283

rs4640007	T	0.0189
rs59097587	C	0.0609
rs77472605	T	0.0782
rs718802	A	0.0918
rs1630694	G	0.0637
rs112664491	G	-0.0311
rs7961496	G	0.0243
rs1796017	C	0.0228
rs138004168	G	-0.0797
rs7302985	A	-0.0197
rs2163892	G	-0.0236
rs34290907	T	0.0187
rs56258124	G	0.1299
rs1996315	G	0.02
rs55720226	A	0.0359
rs117863863	G	-0.0493
rs2127549	C	-0.0475
rs10161104	C	-0.0203
rs10773514	G	-0.02
rs35728	A	-0.0215
rs10400542	A	0.0315
rs11615880	G	0.0665
rs118052319	A	0.1134
rs148971615	A	-0.0946
rs12367892	C	0.0748
rs34369666	C	-0.0218
rs11182978	C	-0.0368
rs56177950	T	-0.1357
rs71452644	T	-0.0293
rs76084431	T	0.0665
rs75118615	T	-0.0792
rs11058417	G	-0.0783
rs28990724	C	-0.0307
rs57223688	T	0.0673
rs1918144	C	-0.0188
rs150174108	A	0.0835
rs117170737	G	-0.0793
rs1444206	A	0.0262
rs139949576	A	0.0817
rs956576	C	-0.0213
rs2286599	A	0.0343
rs10842336	C	0.0259
rs2730770	A	0.0279
rs79810568	G	0.0923
rs12582192	G	0.0688
rs7972864	T	-0.0326
rs73057709	T	0.0701

rs11502959	T	0.0668
rs11170867	C	-0.0288
rs144267759	A	0.0691
rs58527124	C	-0.0205
rs61938844	A	0.0804
rs11609521	G	0.0275
rs141930600	A	0.0769
rs79246548	A	-0.0434
rs584844	T	-0.0455
rs112947350	T	0.0865
rs4981042	A	0.022
rs4767238	T	-0.02
rs75839850	C	-0.0596
rs17318883	A	0.043
rs147897203	A	0.1075
rs75905196	T	-0.1037
rs74340456	C	0.1014
rs117933676	A	0.0788
rs10879975	A	-0.1378
rs12819853	T	-0.0314
rs12372417	G	-0.0244
rs11111024	A	0.0312
rs17113809	G	-0.0293
rs4882714	A	-0.0254
rs17459725	T	0.0761
rs117141360	G	-0.0631
rs17717761	T	-0.0927
rs78540170	G	0.0586
rs34406152	G	-0.0271
rs631531	C	0.0235
rs10773655	T	-0.019
rs76086858	A	0.0813
rs10778450	A	-0.0184
rs1920943	G	0.0308
rs969014	C	0.0426
rs10877767	T	-0.0237
rs1078604	T	-0.0373
rs11110446	G	-0.061
rs7136752	C	0.0417
rs79087694	C	0.0675
rs11613055	A	-0.0277
rs139882264	C	-0.1073
rs117772492	T	-0.0824
rs10779130	T	-0.0228
rs73203745	T	-0.1277
rs142038633	G	-0.0815
rs343086	C	-0.0209

rs150049982	T	0.0814
rs77103948	T	0.0566
rs7294433	T	-0.0258
rs10745929	A	-0.0187
rs7970550	T	-0.0216
rs7974402	T	0.027
rs7962380	A	-0.0192
rs7295050	G	-0.0242
rs73033675	A	-0.0559
rs77160306	T	-0.1296
rs163691	C	0.0848
rs77097822	C	-0.0681
rs1434703	G	-0.0192
rs7980066	A	0.0293
rs11175254	T	0.077
rs112135154	T	-0.086
rs117770114	G	0.0812
rs2895790	G	-0.0345
rs35148504	C	0.0209
rs1015287	A	0.0221
rs55869310	C	0.1204
rs61941876	A	0.0835
rs1805472	G	0.0211
rs74464155	G	0.1369
rs11173460	C	0.0386
rs74349579	A	0.0629
rs11060614	A	-0.0657
rs12832793	C	0.0235
rs11045355	G	0.0294
rs7296248	C	-0.019
rs149941807	G	0.1542
rs80127988	A	0.0542
rs4765593	A	-0.0568
rs79256418	T	0.0554
rs11047198	A	0.0199
rs17541461	A	-0.0897
rs17034336	A	-0.0697
rs112235289	C	0.0728
rs74090516	T	0.13
rs7305679	T	-0.0271
rs10862476	G	0.0193
rs10843439	A	0.0293
rs11169962	G	0.0879
rs12828249	C	-0.0233
rs2712531	C	0.0216
rs111695520	A	0.0795
rs34135424	A	-0.0666

rs144283626	A	0.0882
rs10876493	A	0.073
rs75150070	A	-0.068
rs10841449	C	0.0379
rs150953476	G	-0.153
rs7958974	G	-0.0202
rs76005250	A	-0.0473
rs7299771	C	0.0725
rs12818826	C	0.0384
rs11609420	A	-0.0254
rs113135748	A	0.1342
rs117819266	A	-0.0861
rs117827897	C	-0.1821
rs117671741	T	-0.0812
rs146017060	G	-0.0785
rs7489169	A	0.019
rs138417394	C	0.0608
rs78580580	C	-0.0817
rs12231332	A	0.0245
rs117460450	T	0.1015
rs2686570	A	0.0253
rs10735834	T	0.0189
rs77222944	C	0.1261
rs77601016	C	-0.055
rs520809	C	-0.0199
rs34537498	G	-0.0846
rs35805727	T	0.0821
rs111738761	A	-0.0793
rs12370425	G	0.1103
rs735010	C	-0.0205
rs145322726	A	0.1009
rs117204135	T	0.1011
rs4031159	T	-0.0191
rs35592690	A	-0.025
rs1513095	T	-0.026
rs79651079	C	-0.1622
rs55754570	G	-0.0203
rs147423408	A	0.0689
rs71461359	A	0.0674
rs1549503	T	-0.0196
rs12823068	G	-0.0285
rs73085294	T	-0.0656
rs11181165	A	-0.0274
rs117411228	G	-0.0931
rs10844866	A	-0.0204
rs141992408	C	-0.0506
rs7305769	G	-0.0184

rs4759845	G	0.0232
rs7970427	A	0.0258
rs11052771	C	-0.0224
rs10879027	A	0.0546
rs542689	C	-0.0198
rs11612124	G	0.0233
rs3782540	C	0.0187
rs11609130	C	-0.0195
rs141303581	G	-0.0748
rs2936654	G	0.0751
rs2700062	C	-0.0194
rs147120636	C	0.127
rs10848147	T	0.0214
rs61941572	C	0.0277
rs10878492	G	-0.0233
rs74992116	G	0.1353
rs567486	T	0.0198
rs11058241	T	0.0822
rs7309149	G	-0.0231
rs11609345	C	-0.1084
rs7959190	T	0.0614
rs61926266	T	-0.0239
rs313318	G	0.0197
rs77763039	G	0.0593
rs117991193	G	-0.0977
rs116358501	G	-0.0697
rs34907895	T	-0.0307
rs12315415	C	0.0804
rs60203548	C	0.0374
rs7958567	T	0.0945
rs10860747	T	0.045
rs61939069	A	0.0391
rs1275582	C	-0.0209
rs7133703	T	-0.0908
rs3867152	C	0.1108
rs9805114	G	0.0255
rs73053523	C	-0.0891
rs11525539	C	0.0464
rs1865172	A	0.0296
rs76153056	C	-0.0653
rs76027544	A	-0.0918
rs117691441	C	-0.0676
rs10219485	A	0.0276
rs7972506	C	-0.0974
rs78149599	T	0.0698
rs5005942	C	-0.0374
rs11059338	T	0.0185

rs116849298	A	-0.1378
rs7957408	G	0.0239
rs4760980	C	-0.0212
rs7969659	C	-0.0185
rs11062697	A	-0.0293
rs1116796	G	0.0653
rs118074862	G	0.084
rs79032386	T	0.1163
rs2600935	G	-0.0379
rs74419978	C	-0.0874
rs73035911	G	-0.0749
rs146758586	C	-0.0878
rs831683	C	0.0218
rs117806493	A	0.0667
rs11615823	C	-0.0593
rs10735020	C	-0.0205
rs113021842	C	0.0372
rs4764980	G	-0.0184
rs68091224	A	0.0598
rs77932005	C	0.0317
rs12320245	A	0.0252
rs113676073	A	-0.069
rs140820682	G	-0.1587
rs1476733	T	-0.0552
rs61937871	T	-0.0912
rs149815552	A	-0.0986
rs79931264	A	0.0476
rs11057529	C	-0.0201
rs17728942	A	0.0274
rs76362380	A	0.0457
rs61939395	A	0.1093
rs5742696	G	0.0583
rs138909522	A	-0.1252
rs61393412	C	0.0243
rs2370411	C	-0.0222
rs16912867	C	0.0602
rs73201935	T	-0.0622
rs146346305	A	-0.1654
rs2283280	C	0.0316
rs2302365	A	0.0232
rs4415826	C	-0.0449
rs4765862	C	-0.0215
rs73120395	G	-0.0929
rs117405110	G	0.0897
rs34017628	G	-0.0186
rs79645135	G	-0.0326
rs140614684	C	0.1254

rs17836993	A	-0.0531
rs10773052	G	0.0292
rs10848030	A	0.0272
rs113577925	A	-0.1073
rs2013301	G	-0.0192
rs117675158	C	0.1261
rs112268167	A	0.0653
rs74503836	C	0.0402
rs117190884	G	-0.1014
rs56214018	G	-0.03
rs117339363	T	0.1115
rs11067521	T	0.0463
rs10774301	T	0.0213
rs117849181	G	0.0788
rs118078120	G	-0.0971
rs1275652	G	0.0253
rs117009883	T	0.1052
rs1039303	C	-0.0384
rs10128796	A	0.0445
rs1024132	C	-0.0272
rs112337855	G	-0.1407
rs555740	G	-0.0187
rs61933963	A	0.0343
rs1480015	T	0.0558
rs61932769	C	0.0308
rs4765309	C	-0.0261
rs11060321	T	0.033
rs73145709	A	-0.1231
rs73595909	A	0.1142
rs1006792	T	0.0203
rs7968638	C	0.0275
rs79352446	A	0.1092
rs7969065	G	0.0234
rs7978515	T	-0.1112
rs6486494	C	-0.0212
rs112013258	T	-0.0667
rs79357412	C	0.0718
rs80090151	T	0.0387
rs59732187	T	0.0387
rs10849447	C	0.0247
rs78248089	C	-0.0399
rs10876351	G	0.0221
rs1489418	A	0.019
rs17827346	A	0.042
rs11062557	G	0.0329
rs73066681	A	-0.0341
rs73138320	C	0.0412

rs78704837	G	-0.12
rs143751011	T	0.1436
rs76382809	T	0.0709
rs146409234	T	0.1436
rs117999707	A	0.1145
rs111115332	G	0.0483
rs4759430	C	-0.022
rs17776968	A	0.0315
rs143267117	G	0.088
rs73195863	A	0.0804
rs147675483	T	0.0709
rs61931863	G	0.0661
rs673832	A	0.019
rs12812403	C	0.0313
rs76006697	A	-0.0569
rs138138217	C	-0.0964
rs1093313	A	-0.033
rs61926892	C	-0.047
rs1880699	T	0.0195
rs12304912	C	-0.0327
rs11612472	C	-0.0332
rs77504664	T	-0.1053
rs1829720	A	0.0359
rs79380551	T	-0.1236
rs56411627	G	0.0453
rs79199336	A	-0.0281
rs35747957	A	-0.0932
rs6538762	T	0.092
rs73050442	A	0.1
rs2052425	A	0.0181
rs77818752	G	0.0794
rs73183154	A	0.1237
rs7313883	G	0.0184
rs74627460	G	-0.1008
rs1348514	C	-0.0217
rs117671888	G	0.1141
rs12422327	T	-0.0423
rs112401712	A	0.1008
rs73115658	G	-0.107
rs2433345	G	0.0259
rs111466834	G	-0.0365
rs2203232	G	0.0206
rs75755992	G	-0.0702
rs11051769	C	-0.0359
rs112404436	A	-0.0817
rs11104397	G	0.042
rs12426707	A	-0.0337

rs11111704	C	-0.0221
rs7306745	C	-0.0298
rs2048078	C	-0.0193
rs7960441	C	0.018
rs140500108	G	0.0602
rs11058166	C	-0.0335
rs2673740	C	0.0188
rs66951847	T	0.033
rs118158524	T	0.0349
rs7134299	G	0.021
rs117124249	T	0.0753
rs7132171	G	-0.0183
rs73132540	T	0.0881
rs116863803	A	-0.1019
rs2017021	G	-0.0293
rs77646610	A	0.0856
rs2279664	T	-0.0203
rs17474705	A	-0.1444
rs59679368	C	0.0257
rs139046818	A	-0.1056
rs74761965	T	0.0274
rs905608	A	0.0514
rs2239182	T	-0.019
rs7958849	T	-0.0192
rs7302753	T	0.0797
rs77530612	G	0.1015
rs143274958	G	0.1646
rs74967192	T	-0.0849
rs56186101	T	-0.0923
rs140756858	G	0.0879
rs34319231	A	0.0316
rs143396177	A	-0.1037
rs7311164	A	-0.0417
rs1526845	T	-0.0393
rs4301870	C	0.0272
rs10332	T	0.0219
rs242000	T	-0.0269
rs59413167	C	0.021
rs118049242	T	0.1304
rs138371116	G	0.1024
rs1021311	A	-0.0316
rs73148459	C	-0.0361
rs77292724	A	-0.0528
rs116843659	T	0.1608
rs112467201	T	-0.1002
rs7960648	C	0.0195
rs117905302	A	0.0718

rs78294571	G	0.085
rs75376345	A	-0.063
rs116901033	G	-0.0496
rs117142218	G	-0.1017
rs73045359	C	-0.0473
rs117104215	G	0.0941
rs76665660	T	-0.0373
rs59870578	A	-0.0477
rs225476	A	-0.0235
rs1731706	C	0.0185
rs2305974	T	-0.0351
rs115350566	T	0.0602
rs1921406	C	0.0441
rs9788010	G	-0.0278
rs4454802	G	-0.0299
rs11177036	A	0.0313
rs75110478	T	0.0865
rs6416190	A	-0.1557
rs74913439	A	-0.0694
rs75754813	C	0.0795
rs17778013	A	0.0211
rs4760653	C	-0.0275
rs11105130	A	-0.0598
rs10859200	C	0.0183
rs11066742	C	0.0207
rs77926280	C	-0.0913
rs79528050	G	0.1231
rs11613535	A	0.0337
rs7305595	A	0.0324
rs257949	T	0.0995
rs17498815	C	-0.054
rs111279407	G	0.1201
rs7311374	T	0.027
rs11612530	T	-0.045
rs145668750	A	-0.0405
rs117707555	C	-0.0853
rs11046119	A	0.0458
rs61936205	T	0.0368
rs10849561	G	-0.0186
rs11067626	A	0.0758
rs73061012	T	0.0887
rs117667303	T	0.1075
rs12426539	T	-0.0807
rs112872515	A	0.1287
rs75998666	G	-0.1221
rs11837295	T	0.1382
rs10848194	A	-0.0206

rs73079183	C	0.0365
rs7314434	T	0.0516
rs150732818	A	-0.0497
rs735295	C	0.0214
rs79845762	C	-0.1235
rs7350634	T	-0.0278
rs61913989	G	0.0517
rs113193031	A	0.1419
rs34189415	T	-0.0481
rs117312229	G	0.0683
rs58494653	G	0.0383
rs16917857	A	0.0465
rs148249519	G	-0.1221
rs140704863	A	0.1137
rs56180838	T	-0.061
rs77643120	A	-0.0861
rs7966874	T	-0.0571
rs78292397	G	0.056
rs139599166	G	-0.0784
rs73047601	T	0.105
rs74863093	C	-0.1048
rs2630772	T	-0.0208
rs10745790	A	-0.0189
rs12579384	A	-0.0309
rs11609746	T	-0.0268
rs79761074	A	-0.0567
rs17842374	A	-0.0499
rs12296289	T	0.0929
rs7298228	A	0.0809
rs11147132	G	-0.0766
rs10437971	T	-0.0328
rs1812382	C	-0.0195
rs80227102	T	0.0666
rs7314687	A	-0.0251
rs11112452	T	0.0425
rs116917848	T	-0.0583
rs1675584	T	0.0299
rs144787788	G	-0.0909
rs7961110	A	-0.0566
rs80258551	T	-0.0602
rs117053076	A	-0.1444
rs73074854	A	0.0742
rs11170481	A	-0.0354
rs144484173	T	-0.0619
rs2657904	A	0.0857
rs73061885	C	0.0575
rs2023447	C	-0.0381

rs10770477	C	-0.0342
rs77451023	A	-0.0625
rs75324022	T	0.0622
rs117715821	G	-0.0954
rs144606236	T	0.0959
rs117069837	T	0.1316
rs79294131	A	-0.1418
rs2358941	T	-0.0544
rs1905942	C	-0.0296
rs865505	T	-0.0534
rs1381141	G	0.0196
rs337647	T	0.0198
rs118167069	A	0.1167
rs10771407	A	0.0321
rs7294490	G	0.067
rs78912173	T	-0.2077
rs10771283	G	0.0219
rs117473279	A	-0.1044
rs10777373	T	-0.0199
rs34380884	C	0.0376
rs10357	T	0.0225
rs77424893	C	0.0485
rs117273683	A	0.0982
rs146710282	A	0.0854
rs117948497	T	-0.1451
rs2191206	C	0.0313
rs73117871	T	-0.095
rs7314748	C	-0.0184
rs10859742	C	0.0197
rs7953410	T	-0.0331
rs11179078	G	0.063
rs17226479	G	0.0418
rs117163302	G	-0.089
rs34629874	G	-0.0212
rs12322745	G	-0.0558
rs11112920	A	0.0308
rs17420518	G	0.0268
rs1405785	G	0.0278
rs138572952	T	0.1033
rs10847548	T	-0.0178
rs11058174	G	0.0945
rs7487398	G	0.0191
rs7311560	T	-0.023
rs149755798	T	0.1141
rs75088940	T	0.0331
rs73234761	T	-0.1563
rs871059	A	0.045

rs117317921	A	0.1208
rs34066708	T	-0.0559
rs78494756	C	0.0402
rs12826364	A	0.0199
rs11110491	C	-0.031
rs937642	T	-0.0197
rs11615774	C	0.0207
rs1456234	A	0.0301
rs76461010	T	0.1237
rs34510523	C	0.0187
rs11832527	G	0.0249
rs76450399	A	-0.1053
rs12230719	A	0.0725
rs2888732	T	0.1277
rs117675000	G	0.0617
rs117510478	G	0.1421
rs117527020	C	0.062
rs3810784	C	0.019
rs73160298	A	-0.088
rs117766388	A	-0.0487
rs117811597	A	-0.0984
rs10784760	G	-0.0192
rs117036873	C	0.0609
rs7139232	C	-0.021
rs71460123	T	0.044
rs138905592	T	-0.1451
rs12422546	C	0.057
rs73432098	C	0.0555
rs299439	G	-0.0729
rs7138702	A	-0.1445
rs789121	C	-0.0175
rs138711700	G	0.121
rs7485356	C	-0.0256
rs78690723	T	-0.1214
rs2608405	G	-0.0177
rs114558292	T	-0.0905
rs3825192	G	-0.0178
rs138237980	A	-0.0973
rs11062033	G	0.078
rs75229271	C	-0.0296
rs116893340	A	-0.1183
rs7970679	G	0.0707
rs74749237	A	0.0425
rs2398444	A	0.0248
rs7314826	G	-0.0309
rs7979149	C	-0.0229
rs17429188	C	0.1518

rs220584	A	0.0547
rs33184	T	0.0249
rs78431801	C	-0.0799
rs11833426	A	-0.0531
rs11064994	G	-0.0375
rs3852545	T	-0.0803
rs7965800	A	-0.0185
rs7955707	A	0.0225
rs35922856	A	0.0265
rs143500990	A	0.0534
rs78865813	T	-0.056
rs10459194	C	0.0192
rs1669944	T	0.0631
rs78855289	C	0.1499
rs10847553	C	-0.0221
rs2291254	A	0.0345
rs1657054	T	-0.021
rs7307648	A	-0.0241
rs137878859	C	0.0776
rs2268389	G	-0.031
rs7966431	G	-0.0195
rs34207056	T	-0.0195
rs140426491	A	-0.158
rs117281886	A	0.0608
rs10860200	A	0.0189
rs7304301	A	0.0712
rs73218722	G	0.1109
rs10746080	T	-0.0175
rs11174759	T	0.0272
rs4762750	A	-0.023
rs61933800	T	-0.0325
rs111720218	G	-0.085
rs143129326	A	-0.0506
rs74347061	A	-0.0951
rs1825193	T	-0.0193
rs117193269	C	-0.0685
rs3923863	A	0.0183
rs138428378	A	0.0539
rs148816923	A	-0.1195
rs78947047	A	-0.1013
rs146921612	A	0.0575
rs11068702	T	0.0283
rs11058875	A	0.0246
rs117887348	C	0.1283
rs117854821	C	0.0954
rs114715637	G	0.1322
rs11063913	G	0.0218

rs7967752	A	-0.0712
rs79917672	A	-0.0569
rs72648150	A	0.0596
rs141560291	C	0.1257
rs10878636	G	0.0222
rs35243417	C	-0.0339
rs11105200	A	-0.0581
rs76624987	A	0.0388
rs77378872	C	0.0709
rs11180235	T	0.0233
rs73100320	C	0.0835
rs11168248	G	0.025
rs148345165	C	-0.1081
rs3847910	T	-0.024
rs148807053	G	0.1028
rs55972133	A	0.0385
rs12424442	A	-0.0198
rs116858620	C	-0.0712
rs74755539	G	0.1514
rs766482	G	0.0288
rs7963203	T	0.0379
rs1564120	G	0.0183
rs73206042	A	-0.0544
rs116532950	A	-0.1
rs7953605	G	-0.0204
rs12826219	C	0.065
rs7972476	C	0.0651
rs4759827	T	0.0212
rs17770854	A	0.0535
rs4597146	G	0.0267
rs2625878	C	0.0184
rs7298875	T	0.03
rs35979574	C	0.0322
rs73146873	C	0.0792
rs74238461	G	-0.0562
rs78317676	G	-0.0817
rs143100843	T	-0.1124
rs112994230	G	-0.1777
rs34276383	A	-0.0335
rs11068350	C	0.0229
rs3741905	T	0.0319
rs1174509	T	0.019
rs76314394	A	-0.0365
rs17098204	C	-0.0458
rs11116698	T	0.019
rs11053623	C	-0.0745
rs11057092	T	-0.0386

rs59147798	C	0.0248
rs143077180	T	-0.0754
rs7303141	C	0.032
rs71464431	A	-0.0184
rs2352738	T	0.0179
rs145897319	A	-0.0851
rs61922023	A	0.0279
rs11608732	T	-0.0412
rs1795874	A	-0.0467
rs10842366	G	0.0181
rs10783284	A	0.02
rs116899928	A	0.1208
rs141175000	G	0.1005
rs1513047	G	-0.0216
rs55943016	T	0.0731
rs117125785	T	0.113
rs61933275	C	0.0195
rs12368895	T	-0.0242
rs139229234	G	0.0941
rs56185927	T	0.0399
rs2305865	C	0.0688
rs76055896	T	-0.0647
rs149899500	A	0.1073
rs116843005	A	-0.0977
rs36098273	G	-0.038
rs35103074	T	-0.0208
rs117996606	A	0.12
rs77642666	T	-0.0905
rs10770742	T	0.0184
rs4762080	A	0.0218
rs73201562	A	0.0567
rs149631712	A	0.0965
rs2052790	C	0.0331
rs10877020	A	-0.0175
rs12368610	T	0.0289
rs1528287	G	0.0401
rs73193464	T	-0.0405
rs7980534	A	0.0238
rs1726237	A	0.0189
rs12829042	G	0.022
rs73056209	A	0.0405
rs10862040	A	0.0182
rs79071040	T	0.0406
rs7961695	C	-0.0258
rs7137167	G	-0.068
rs34215385	T	0.0688
rs73107290	T	-0.1007

rs2287166	T	0.0187
rs10774442	C	-0.0242
rs61752546	T	-0.0736
rs139372001	T	0.0893
rs117315801	T	0.0491
rs78276102	T	-0.0953
rs112038144	T	0.1554
rs73053507	T	-0.0238
rs76522953	T	-0.0945
rs755461	G	-0.0241
rs10771121	C	-0.0175
rs16934692	A	0.0268
rs61935715	T	-0.0342
rs7968170	T	0.0207
rs117592950	A	-0.0806
rs35366311	T	-0.0253
rs61943976	G	0.0794
rs2291854	A	-0.0238
rs35473213	G	-0.0454
rs12825370	C	0.0713
rs35349730	G	0.0982
rs79739018	T	0.0602
rs7953860	T	-0.0372
rs12822196	C	-0.0251
rs59360370	G	0.0246
rs77796279	C	-0.1104
rs113576981	T	0.1235
rs1019727	C	-0.0492
rs55675144	C	0.0673
rs149163030	C	-0.0679
rs71466044	T	0.0395
rs7972603	A	-0.0451
rs74699088	T	-0.0306
rs17763601	C	0.0342
rs6538507	C	-0.0207
rs111548332	T	-0.0588
rs7980166	A	0.0424
rs4759050	C	0.0231
rs10506774	G	-0.1267
rs10744772	A	0.0219
rs4442632	G	-0.0225
rs138108996	T	-0.0747
rs75574167	G	0.0616
rs11611873	C	-0.0296
rs142678820	C	-0.0807
rs78175509	A	-0.0612
rs4831937	A	-0.0281

rs141134921	C	0.1242
rs9888376	C	0.0173
rs7299202	A	0.0247
rs1566827	G	0.0414
rs11107427	A	-0.1049
rs78072107	A	0.0764
rs144600965	T	0.1105
rs116921610	A	-0.0795
rs11168640	G	0.0305
rs11611951	T	0.0332
rs111112043	T	-0.0402
rs118014093	T	-0.1364
rs73219077	A	0.1561
rs61940207	T	0.1271
rs28438880	G	0.0259
rs7957031	A	-0.0251
rs12424560	A	0.02
rs75072820	A	0.0335
rs12818715	G	0.0199
rs12311857	G	0.0208
rs7304494	C	0.0191
rs148606147	C	-0.0689
rs2577308	T	-0.0239
rs73053808	G	0.0359
rs12823258	G	0.0723
rs3759171	G	0.019
rs75392720	A	-0.0588
rs11615646	C	-0.0538
rs10859290	T	-0.0802
rs17723833	T	-0.0815
rs11113349	T	0.0195
rs3741619	A	-0.0214
rs17766960	T	0.0213
rs35054320	G	-0.0474
rs1678506	C	0.0596
rs77229292	A	0.0394
rs10880336	G	-0.0185
rs937309	T	-0.0214
rs12823195	A	-0.0739
rs7955259	T	0.0292
rs11495100	T	-0.0415
rs7953370	T	0.0363
rs1861484	G	-0.0737
rs2242383	T	0.0179
rs10747657	G	-0.0267
rs56122389	A	0.0769
rs11175858	G	0.0367

rs12308963	C	0.0314
rs142085602	G	0.0882
rs2619131	T	-0.0535
rs11059321	G	-0.0226
rs149117540	T	-0.0282
rs75100342	G	-0.0694
rs326632	C	-0.0265
rs12817201	A	-0.0192
rs67381046	A	0.0221
rs10492061	C	0.0232
rs118085779	C	-0.1033
rs143827771	T	0.1168
rs144474565	T	0.1339
rs147094749	C	0.1156
rs117395519	G	0.1157
rs116943909	A	0.0602
rs12228847	C	0.0709
rs470824	T	-0.0244
rs117312752	T	-0.0738
rs2650044	A	-0.0397
rs1506680	T	0.0246
rs10778803	C	0.0192
rs10859128	A	-0.02
rs75057013	C	0.0563
rs140298773	C	-0.0537
rs3851597	T	-0.0254
rs73069591	T	0.047
rs35128846	C	0.0297
rs75590541	A	0.0505
rs58908973	A	0.0362
rs117419111	T	-0.0899
rs61930144	T	-0.0973
rs11055582	T	-0.029
rs117180159	G	-0.0224
rs12829641	A	0.0466
rs4576864	A	0.0259
rs61940889	A	-0.0489
rs113420674	T	0.07
rs6581552	G	-0.0406
rs117135036	C	-0.0662
rs140975754	T	-0.1417
rs77937490	T	0.0712
rs11615941	T	-0.0283
rs73219484	A	0.1163
rs61933033	T	0.0663
rs112945212	C	-0.1057
rs7980214	C	0.0182

rs75846646	C	0.1546
rs11055523	T	0.024
rs3741930	T	-0.0192
rs79278925	A	0.0291
rs1024843	C	0.0195
rs11833352	A	-0.0718
rs2720295	C	0.0223
rs61937373	T	0.1527
rs113867519	A	0.031
rs1008948	G	0.0219
rs10859747	G	0.0233
rs73097672	G	0.0881
rs61940787	C	-0.0881
rs7132808	A	-0.0267
rs4964427	T	-0.095
rs10773626	T	-0.0197
rs7979814	A	-0.0667
rs10771367	T	0.0213
rs9788066	C	-0.0226
rs73225071	A	0.0986
rs35601853	T	-0.0944
rs17537724	G	-0.1196
rs11835867	A	-0.0311
rs7979542	C	0.0194
rs112654292	A	0.0935
rs116955116	T	0.1049
rs10734711	G	0.0276
rs55745273	T	0.0658
rs117181530	C	0.0658
rs2632673	C	0.0276
rs143836535	A	0.0774
rs2283332	A	0.0316
rs10450797	A	0.032
rs79572503	C	-0.1212
rs2543753	C	0.0425
rs11541440	A	-0.1074
rs118050999	T	0.1031
rs11047171	T	-0.0203
rs12311948	T	0.0552
rs117964979	T	0.0888
rs79994912	T	0.0423
rs11168305	A	0.072
rs78241392	G	0.0589
rs36099603	C	0.0603
rs11064098	T	0.0674
rs80188595	T	-0.0551
rs525631	C	-0.0189

rs10860914	T	-0.019
rs116996074	A	0.0659
rs7309332	T	-0.0195
rs151250036	T	0.0973
rs75101901	G	0.1533
rs11614599	C	-0.0314
rs10506505	A	0.0181
rs1798294	C	-0.0327
rs76500728	A	-0.0482
rs1897636	A	0.0196
rs73157668	T	0.0433
rs7966010	T	-0.0279
rs57840035	C	-0.1151
rs140641040	T	0.0843
rs1574503	T	0.0299
rs73397288	G	-0.0317
rs7962165	T	0.0206
rs78900942	C	-0.0871
rs11066607	G	0.0323
rs56343453	T	-0.0238
rs71452331	C	-0.0355
rs76426982	A	-0.1266
rs117442408	G	0.0482
rs3782468	T	0.0274
rs2886828	C	0.0195
rs1981758	T	0.0236
rs117371285	T	0.087
rs75481141	C	-0.024
rs12371427	A	-0.0295
rs117961863	A	0.0792
rs118069859	A	-0.0964
rs10845573	C	-0.0535
rs28735279	A	0.0208
rs76384738	C	0.1051
rs2900390	T	0.0355
rs2100208	A	-0.0246
rs74744310	A	0.0629
rs1107130	T	0.0176
rs7968755	G	-0.0273
rs78783790	T	-0.0847
rs34366	C	-0.034
rs36131847	T	-0.0222
rs1211609	C	0.0298
rs78082749	T	-0.0395
rs11108614	G	-0.0409
rs7973921	A	0.0443
rs621284	T	-0.0226

rs77173345	C	0.0689
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rs116889370	A	-0.0605
rs138620522	A	0.0427
rs73217910	A	-0.1371
rs16920411	C	-0.0715
rs17223651	C	0.0393
rs77797217	G	0.0776
rs11051993	G	-0.026
rs139550544	T	0.1381
rs77904396	C	0.0857
rs883665	A	-0.0215
rs11829199	G	-0.0913
rs1493765	A	-0.0329
rs79554440	T	0.0272
rs10850365	G	-0.0185
rs75947805	G	-0.0263
rs34253375	T	-0.044
rs764377	T	0.0292
rs142330171	G	0.0834
rs73075713	G	0.0446
rs2733642	C	-0.0182
rs150983807	G	0.081
rs4767317	A	0.0252
rs138423033	G	0.1262
rs17109024	G	0.0827
rs12309731	T	0.0652
rs7398802	T	-0.0498
rs10848455	G	-0.0208
rs762722	C	-0.0177
rs147654919	G	0.144
rs16931958	G	0.054
rs140587031	C	-0.082
rs17012307	G	-0.0182
rs10771245	T	0.0248
rs11055687	C	-0.033
rs148057593	C	0.1046
rs11183167	G	0.0272
rs7305298	G	0.0184
rs116897661	A	0.0857
rs1274498	G	-0.111
rs11174640	T	0.0311
rs11061456	T	0.0273
rs10843015	T	-0.0323
rs73102465	T	-0.0968
rs1546224	T	-0.0187
rs149717212	C	0.1213

rs11570905	C	0.0617
rs118163553	A	0.0911
rs58560266	C	0.0363
rs76105028	T	-0.0768
rs4760169	C	-0.0267
rs78032941	T	0.0324
rs16943412	T	0.0309
rs147118684	A	-0.1041
rs76883696	T	0.1057
rs7485691	C	0.0213
rs73042497	G	0.0283
rs75585048	T	-0.1159
rs61937392	C	0.0181
rs11060410	A	0.0179
rs4526837	G	0.0195
rs112659891	T	-0.0441
rs12321693	C	0.0436
rs188616	G	0.0303
rs12810279	G	0.0346
rs4964711	C	-0.0188
rs7966020	A	0.0169
rs7308742	A	0.0413
rs59002329	T	-0.0837
rs797771	G	0.1012
rs117471444	T	0.063
rs73063678	C	-0.0568
rs140623647	T	-0.1074
rs11054782	A	-0.0258
rs4131535	C	0.0191
rs73192816	A	-0.0866
rs117620736	G	0.0651
rs11057099	C	0.0798
rs56118351	A	-0.0954
rs144800188	G	-0.0604
rs149899910	A	-0.1066
rs34929189	G	-0.0992
rs143378930	T	-0.0493
rs147892767	G	0.0683
rs1857938	A	0.0225
rs79688421	G	0.135
rs6539903	G	-0.0175
rs117888408	T	0.0436
rs34909368	G	0.0617
rs76205362	C	0.0645
rs78522504	A	-0.0413
rs142792286	A	0.0877
rs74601167	T	0.07

rs7484309	T	-0.0187
rs78944194	T	0.046
rs11177826	T	-0.0697
rs73454909	A	0.022
rs10160955	C	-0.0216
rs78297588	G	0.0595
rs78311805	C	0.0377
rs117688836	C	0.0884
rs4081018	T	0.0266
rs2291925	T	-0.0195
rs7133607	C	-0.0224
rs56362920	T	-0.0226
rs77053059	A	0.0319
rs80019947	T	0.0599
rs9795596	T	0.0295
rs1280831	T	0.0363
rs10879344	T	0.0626
rs117062745	T	-0.0742
rs35264716	G	-0.0267
rs61928683	G	0.0233
rs113981818	T	0.0836
rs117256451	A	0.0626
rs75054935	A	0.0708
rs138783218	C	-0.0797
rs140209908	A	0.1268
rs7135393	C	-0.0637
rs12812431	T	-0.0371
rs138444739	G	-0.0631
rs143960014	A	-0.074
rs148257472	T	-0.0796
rs80014485	G	-0.0759
rs11058744	T	-0.0303
rs7133385	G	0.0211
rs11060785	A	0.0525
rs11835905	G	-0.1021
rs67974006	C	0.0213
rs12299762	T	0.0271
rs112996392	A	-0.0442
rs35447	A	-0.0192
rs10844564	T	0.0166
rs79939682	C	-0.0886
rs11044235	T	0.0182
rs2576969	G	0.0185
rs4761056	A	0.0219
rs148581215	G	0.0969
rs4761651	T	0.0173
rs79676492	T	-0.0395

rs112671239	A	0.1241
rs76723696	C	-0.0631
rs80086846	G	-0.0876
rs850946	A	0.0342
rs76972936	C	-0.0624
rs73424046	C	0.057
rs149643204	T	0.1254
rs79002396	A	-0.0235
rs55681235	G	-0.0431
rs79511322	C	-0.076
rs953993	G	0.09
rs75295440	C	0.0461
rs80223511	A	0.0723
rs112633616	C	0.0847
rs35296434	G	-0.0323
rs982422	T	0.022
rs138056946	T	-0.0741
rs10842983	A	-0.0194
rs7299387	A	-0.0173
rs11611788	C	-0.0323
rs12229466	C	-0.0232
rs77343213	T	0.0228
rs7954956	T	0.0183
rs80291072	C	-0.0635
rs2283270	A	-0.0233
rs7961612	C	0.0603
rs150189612	G	0.0482
rs10847919	T	0.0245
rs1979592	A	-0.0223
rs337678	C	0.0179
rs7310585	C	-0.026
rs117856975	G	-0.0707
rs7309897	C	-0.0434
rs17043424	G	-0.0175
rs148494534	A	0.0797
rs146781033	A	-0.1285
rs117281278	C	-0.0795
rs2173441	T	-0.0346
rs117176259	G	0.0965
rs56120606	T	0.0296
rs12314968	T	0.0683
rs147395373	A	0.0673
rs137928449	A	-0.079
rs10843320	A	0.0288
rs34939436	A	-0.0489
rs78219011	A	-0.04
rs34714686	G	-0.0541

rs145623975	G	0.1055
rs144121260	A	-0.1017
rs138834364	A	-0.095
rs2238014	G	-0.0773
rs137949575	T	0.0738
rs7959393	C	0.0176
rs8815	G	-0.0228
rs744348	A	-0.0171
rs79064005	A	-0.0303
rs17176610	G	0.0526
rs11112542	A	-0.02
rs147906850	A	0.1237
rs117575177	G	-0.0727
rs61926317	C	-0.0224
rs140202108	T	-0.0493
rs117885456	A	-0.0657
rs111793826	T	-0.0675
rs138053429	A	-0.0496
rs73097118	T	-0.1321
rs117433241	A	0.0662
rs10862317	A	0.0345
rs2947126	C	-0.0189
rs11109648	A	-0.0294
rs12317458	G	-0.0174
rs114861796	T	0.056
rs35365	A	-0.078
rs7975838	T	-0.0495
rs264495	T	0.0176
rs11610408	T	0.048
rs11177055	C	-0.0742
rs79712694	C	-0.0477
rs11612237	C	0.1068
rs59935356	A	-0.0474
rs76045580	T	-0.0644
rs7302795	C	0.0202
rs249047	C	0.017
rs56368010	T	-0.0472
rs2710299	C	-0.0393
rs145192212	C	-0.0877
rs7978047	G	-0.0308
rs10842188	T	-0.0171
rs12312119	G	0.0829
rs4842739	T	0.022
rs61925873	T	-0.0379
rs11063791	T	-0.0193
rs2110596	C	-0.0327
rs61929972	G	-0.0332

rs78716423	T	0.0482
rs118146314	G	0.0721
rs12820398	A	0.1015
rs1115154	G	0.0476
rs2045171	G	-0.0698
rs117371230	C	0.0826
rs4550291	G	0.022
rs17805558	G	0.0169
rs10774832	A	0.018
rs753901	G	-0.0206
rs853516	A	0.0264
rs4384444	A	0.0222
rs80144910	C	-0.0711
rs35884286	G	0.1463
rs11105940	T	-0.0642
rs7137803	A	-0.064
rs708225	G	0.0182
rs10859977	A	0.0194
rs77187454	A	-0.0992
rs141901610	T	-0.1373
rs137939919	T	0.0447
rs9645721	G	-0.0173
rs61462363	T	0.0214
rs2009495	T	0.0413
rs117113525	C	-0.0701
rs2592285	T	-0.0171
rs3932409	T	0.0203
rs74663951	A	0.1129
rs56265404	C	0.0693
rs1860427	G	-0.0217
rs117188929	A	0.0666
rs76929436	T	-0.1515
rs11177794	A	0.0217
rs1522328	G	0.0166
rs1676431	A	0.0163
rs2270382	G	0.0248
rs7953013	A	-0.018
rs55981052	T	-0.0233
rs4764124	T	-0.0169
rs28523813	C	0.04
rs12372573	A	0.0361
rs117127338	A	0.0797
rs112056498	A	-0.1305
rs2934410	A	0.0244
rs10859598	T	0.0174
rs75403899	T	0.0212
rs145841850	A	-0.0918

rs12812062	G	-0.0356
rs1027560	A	-0.0183
rs10772458	G	0.0563
rs61920277	G	-0.0849
rs57747810	A	0.0626
rs148678454	T	0.1253
rs61762365	A	0.0676
rs141839245	A	0.1219
rs7302106	A	0.0607
rs4766730	A	-0.1072
rs149708690	G	0.0879
rs12314358	T	0.0361
rs4765627	T	-0.0332
rs73075556	A	-0.0807
rs142205629	A	0.061
rs73210919	A	-0.0322
rs11043466	A	-0.0566
rs11052609	C	0.0293
rs56190972	C	-0.0558
rs856886	C	-0.0191
rs7980260	T	-0.0216
rs7954666	G	-0.0212
rs76718550	A	0.028
rs10843465	T	0.0184
rs74996712	T	0.0883
rs80279219	A	-0.0478
rs7964593	C	-0.0215
rs142298991	A	0.1216
rs7958830	A	0.0466
rs12820151	T	0.0944
rs61912334	G	0.0365
rs140054034	A	-0.0715
rs28637803	G	0.0402
rs75538375	T	-0.0733
rs11067920	G	-0.1078
rs1991189	G	-0.0322
rs1388741	A	-0.0189
rs11176288	G	-0.0191
rs10859058	T	0.017
rs4761998	A	0.0181
rs4759511	C	0.0238
rs117011358	T	-0.0925
rs76513789	A	0.043
rs12369326	T	-0.033
rs10743966	G	0.023
rs10770888	G	-0.0172
rs79686706	T	-0.0632

rs1693612	G	0.0257
rs10748291	A	-0.023
rs61042743	T	0.0444
rs1195747	A	0.0227
rs35582570	A	-0.0901
rs12809390	A	0.0285
rs11172921	A	0.066
rs3759258	T	0.0219
rs144984272	C	0.0564
rs138629585	T	0.0742
rs7314794	C	-0.017
rs111239232	A	-0.0461
rs141240938	G	-0.1102
rs11063453	T	0.0175
rs10505939	C	-0.0168
rs12302875	T	0.0308
rs7294734	T	-0.022
rs10732674	G	0.1112
rs77833302	T	0.0785
rs12369177	T	0.0182
rs34017415	A	-0.021
rs11055108	A	0.0269
rs73273539	G	0.0561
rs79604540	G	0.0589
rs11830037	A	-0.0344
rs77836554	T	-0.0954
rs55742375	A	0.0644
rs146846171	A	-0.0736
rs75681804	G	-0.0835
rs7137538	C	0.0412
rs73136477	T	0.0207
rs61907810	T	0.0248
rs34150059	C	-0.0591
rs10841414	G	-0.0186
rs73210698	T	0.0425
rs149690518	A	0.0591
rs117081124	G	0.0731
rs4931394	G	-0.0169
rs11182367	G	-0.0276
rs73212674	T	-0.0358
rs79798982	C	-0.0892
rs302349	A	0.02
rs10744614	A	0.0211
rs16926713	C	-0.0661
rs4763021	A	0.0174
rs111292567	C	-0.0955
rs11105542	T	-0.0183

rs147472345	A	-0.0493
rs7968462	T	-0.0476
rs1880888	C	0.0247
rs76722890	C	0.0678
rs7304551	C	0.0257
rs10744553	C	-0.0182
rs77433281	A	0.0791
rs10862207	T	-0.0173
rs17528923	C	0.0216
rs146655110	A	0.0465
rs11046192	A	0.036
rs148512581	T	-0.0733
rs75706182	C	-0.0754
rs2403010	G	-0.0232
rs117477203	A	0.0977
rs11060220	A	0.1346
rs1167125	C	0.0365
rs7974292	G	-0.0189
rs7132140	A	-0.0204
rs9630283	C	0.0209
rs73238023	T	-0.0547
rs112199889	A	-0.0869
rs61938405	A	-0.1211
rs17765755	G	-0.0334
rs78302917	G	-0.0673
rs11057554	A	0.0526
rs10846570	A	-0.018
rs4765716	G	-0.0434
rs11615159	T	0.1241
rs73217252	T	0.1589
rs145962195	A	0.0545
rs4363656	A	0.0188
rs41361349	A	-0.1104
rs6486589	G	0.0578
rs80046525	A	0.0722
rs12812974	T	-0.0276
rs73412041	C	-0.0249
rs56193056	A	-0.0571
rs11116515	A	-0.0293
rs12579097	A	-0.0355
rs55653619	G	0.0426
rs17037384	A	-0.0469
rs113086400	A	-0.0673
rs11182216	T	0.1025
rs117893232	T	0.0589
rs61921546	A	-0.0265
rs58385979	G	0.0775

rs34140345	A	0.0363
rs75095582	G	0.082
rs921894	A	-0.0287
rs73147678	A	0.0504
rs75817422	A	0.0993
rs74056228	C	-0.1015
rs80309378	A	0.0426
rs12820793	G	0.023
rs4767218	C	-0.0207
rs11057161	A	0.0766
rs11608863	C	0.0824
rs6487568	C	0.0173
rs147351041	G	-0.095
rs80175428	A	-0.0887
rs74208430	T	0.0323
rs118125452	G	0.0754
rs572873	A	-0.0168
rs73145712	T	-0.1295
rs10431447	G	0.0249
rs11055950	T	-0.0203
rs111428863	G	0.0496
rs17287826	A	0.0744
rs111335214	T	0.0686
rs73105199	A	0.0283
rs11178837	A	-0.0379
rs6538869	A	0.0177
rs79472555	G	0.1178
rs78095042	C	-0.0623
rs113052910	T	-0.0933
rs150786876	C	0.111
rs17782302	T	0.0255
rs1401879	A	0.0342
rs2569987	C	0.0228
rs336264	C	-0.0241
rs10861890	T	0.0226
rs11049731	A	-0.0577
rs1922273	A	0.0651
rs1976365	T	-0.0641
rs76059547	T	-0.047
rs78533933	A	-0.0901
rs76107538	A	0.0577
rs61920230	T	-0.0938
rs117896330	C	0.0782
rs58815511	C	-0.0337
rs140791855	G	0.0727
rs11170787	T	0.0554
rs6581709	G	0.0177

rs2028373	G	0.02
rs12313805	G	0.0235
rs77288816	G	-0.0808
rs11061763	A	0.0372
rs140055266	T	-0.0874
rs17561707	G	-0.0392
rs150158559	G	0.0954
rs59390688	A	-0.0474
rs12580418	A	-0.0283
rs73033653	C	-0.035
rs4372508	C	0.0657
rs12310129	C	0.0347
rs17726370	G	0.0418
rs7295048	A	-0.0309
rs75157171	T	-0.0674
rs12831346	G	-0.0697
rs1398602	A	0.0293
rs2454400	G	-0.0581
rs17713040	C	0.0649
rs74916376	A	-0.1039
rs142018962	T	0.1003
rs73184049	G	-0.0532
rs76229189	C	-0.0384
rs470597	A	-0.0179
rs78326584	C	0.0275
rs11058964	T	0.0325
rs11180117	A	0.1022
rs7306410	C	0.0212
rs12825400	A	-0.0285
rs11107342	C	0.0269
rs73366669	A	-0.0416
rs73330401	C	0.1407
rs112756120	T	-0.0651
rs704108	G	-0.0523
rs141323500	T	-0.0955
rs36081237	T	0.0663
rs10732562	G	-0.0195
rs77070293	C	0.0894
rs77879363	G	-0.07
rs2190733	C	0.0208
rs73229928	A	-0.1053
rs117947825	A	0.0529
rs79042428	T	0.0721
rs144166520	G	0.0486
rs12827636	A	0.0199
rs112126161	T	-0.0497
rs79025097	C	0.0508

rs61945259	A	-0.0543
rs12318299	T	-0.0202
rs61911355	A	-0.0884
rs113009487	G	0.051
rs80014589	T	-0.0847
rs10848954	A	-0.0252
rs10771350	G	0.0194
rs35313	T	-0.0182
rs61932773	T	-0.0192
rs118101646	A	0.1001
rs76584503	C	0.0797
rs7136223	G	0.0276
rs61941441	G	0.1215
rs10771282	C	-0.0227
rs12579612	G	-0.0194
rs142505082	A	-0.0588
rs2541297	C	-0.0291
rs17544978	T	0.0416
rs11609012	T	0.059
rs117090836	A	-0.0717
rs113364770	A	0.0875
rs10859299	A	0.0307
rs145036268	T	-0.0723
rs117470581	T	-0.111
rs11611936	T	-0.0187
rs76057758	T	0.1023
rs75281739	A	0.0813
rs7973672	T	-0.0245
rs7299494	C	0.0209
rs73330715	A	0.056
rs7301365	C	0.0484
rs35638129	A	-0.0435
rs11181553	T	-0.0232
rs2717426	T	-0.0173
rs144447613	A	0.1206
rs7972240	C	-0.0816
rs28398990	G	-0.0741
rs79237038	T	-0.046
rs150628109	C	0.0612
rs7958964	C	0.0195
rs71454653	G	0.0486
rs12811402	C	0.0393
rs3741869	A	0.0234
rs11610667	T	0.0167
rs112572318	G	-0.0906
rs1986755	A	0.0172
rs112692335	G	0.0343

rs10744007	G	-0.0217
rs117452271	T	0.0818
rs11051493	A	0.0357
rs1915292	G	0.0159
rs11503165	C	-0.0731
rs555891	G	-0.0208
rs7955976	T	0.0159
rs694265	A	0.0203
rs73123651	A	-0.0262
rs76703333	G	0.0405
rs148104016	A	-0.0614
rs11175807	T	0.082
rs73203052	A	0.0207
rs17759808	C	0.0322
rs76062490	C	0.0974
rs11058056	T	0.0281
rs66509810	C	-0.0194
rs12372628	T	0.0256
rs146155119	C	-0.0818
rs880054	C	-0.017
rs117492792	A	-0.0645
rs3136549	C	-0.0207
rs35020474	C	0.0259
rs73207435	C	-0.0663
rs117748688	C	-0.0918
rs12809447	C	0.0338
rs143041555	C	0.0742
rs75634294	T	-0.0822
rs61921599	A	-0.0601
rs145224480	T	0.0713
rs116976754	C	0.0671
rs71450026	A	0.1102
rs261872	A	-0.0533
rs117888716	G	-0.0381
rs151328906	A	0.0799
rs6486559	T	0.0199
rs11177661	A	0.0163
rs9788021	A	-0.0227
rs12371499	G	0.0771
rs76745718	T	0.1057
rs2239080	A	-0.017
rs10746023	A	0.0223
rs477623	C	0.0282
rs116883094	C	0.1112
rs116899355	T	-0.1161
rs17411508	G	-0.0371
rs17124362	A	-0.0309

rs7316337	G	-0.0304
rs115703010	G	-0.0683
rs10858647	A	-0.0165
rs17811260	C	0.0863
rs9738836	G	-0.0167
rs7980521	A	-0.0217
rs12315538	C	-0.1046
rs11175986	T	0.0628
rs1169809	A	0.0183
rs868121	T	-0.019
rs77260207	T	0.0643
rs11054343	C	-0.0227
rs73219053	A	-0.0795
rs11043918	C	-0.0188
rs17704963	G	0.0262
rs76893695	G	-0.0881
rs34815312	A	-0.0342
rs75634279	T	-0.1282
rs2270482	T	0.0234
rs7139297	C	-0.0477
rs12425551	T	-0.0197
rs117455383	G	-0.0852
rs7139369	C	-0.0853
rs142545622	T	-0.0854
rs11178246	C	0.0917
rs61934985	T	0.0587
rs34815355	T	0.0189
rs117990721	T	-0.0372
rs148202305	A	-0.0857
rs924078	T	-0.0272
rs78816536	A	-0.0256
rs78186799	A	-0.1063
rs117693103	A	0.0507
rs73132866	T	0.0317
rs61909598	A	0.039
rs4525272	G	0.0182
rs169303	C	-0.0254
rs140223643	G	0.1354
rs11533653	T	-0.0568
rs11609755	G	-0.0514
rs901699	A	-0.0689
rs34775889	T	-0.0874
rs4357750	T	0.0241
rs7960255	C	0.0275
rs10785008	A	0.0214
rs11115153	T	-0.016
rs117532680	T	-0.0744

rs12810964	A	-0.0385
rs7974218	T	0.0235
rs845753	T	0.0235
rs76434788	G	0.0588
rs17042465	A	-0.0465
rs11056851	T	0.0278
rs11176712	A	-0.0281
rs11060051	C	0.0247
rs7137223	C	-0.0168
rs803560	C	0.017
rs73054751	G	-0.0742
rs67365162	A	0.0536
rs2429173	T	-0.0302
rs74561400	A	0.0417
rs117328282	C	-0.0847
rs55715282	A	-0.0341
rs7971552	C	0.0427
rs11046232	T	-0.0401
rs11172084	A	-0.0496
rs7310562	T	-0.0286
rs11611619	C	-0.033
rs79203581	A	-0.0856
rs12426397	A	-0.0225
rs4759674	A	0.0216
rs118006495	T	0.0778
rs7967784	T	0.0338
rs12321433	T	-0.0975
rs11112160	A	-0.0592
rs61934471	T	0.0809
rs1920407	A	-0.0209
rs7968027	C	0.0642
rs73185486	A	0.0516
rs17627481	A	0.0453
rs76399902	C	0.0354
rs75000333	C	0.1155
rs145960082	T	0.0795
rs149832515	A	-0.1054
rs12319530	G	0.0243
rs74810518	G	0.0402
rs118069924	G	-0.1267
rs4883635	T	0.042
rs11044468	G	0.1138
rs34789750	T	-0.0416
rs61738833	A	0.1035
rs61926873	C	-0.0696
rs77685546	T	0.1535
rs874619	A	0.0232

rs17604448	T	0.0589
rs17251432	G	-0.0696
rs150544433	A	-0.0689
rs75541298	T	0.1002
rs961072	T	-0.0169
rs35049595	C	-0.0185
rs73156679	G	0.1568
rs11175219	T	0.0282
rs73342535	T	0.1045
rs10862432	C	0.018
rs10784714	G	-0.0164
rs149050358	A	-0.1077
rs75104614	C	0.0711
rs675897	C	0.0258
rs76750463	G	-0.0268
rs71457274	T	0.0695
rs73125076	C	0.0364
rs2695948	G	0.0207
rs17770663	C	0.0201
rs11110775	G	0.0178
rs10507272	G	0.0171
rs12425064	C	-0.0181
rs56330164	A	-0.023
rs117536340	T	-0.0487
rs41384747	T	0.0192
rs12821071	C	0.0257
rs1527092	C	-0.0698
rs75646155	A	0.0823
rs117137935	G	-0.0875
rs35323818	A	-0.0433
rs79724585	A	-0.0351
rs908664	A	-0.0159
rs34255081	T	0.0505
rs7968594	T	0.0328
rs35614440	C	0.0431
rs77090182	T	-0.0469
rs148591439	A	-0.1584
rs17115989	C	0.0447
rs2340375	T	-0.0211
rs118143715	G	0.0546
rs61945566	T	0.0681
rs77543981	A	-0.0772
rs11614523	C	-0.0177
rs10860930	C	-0.0205
rs117110500	T	-0.0545
rs116987163	G	0.0923
rs917600	A	0.0227

rs73223010	T	0.061
rs148782173	C	-0.1125
rs117635116	T	0.0799
rs79013108	C	-0.038
rs117249900	A	0.0576
rs118104778	G	-0.0292
rs17544748	C	-0.064
rs74359215	G	-0.0552
rs75354759	G	0.1043
rs7306783	G	-0.072
rs2723827	A	0.0202
rs56059080	T	-0.0409
rs7973554	G	0.0166
rs61942077	T	-0.0357
rs115055430	T	-0.081
rs1248925	G	0.0166
rs7976230	A	0.016
rs17109801	G	0.0243
rs117955473	T	0.1018
rs10847880	C	-0.0169
rs2855711	A	0.0249
rs76991249	G	-0.0614
rs56064500	G	0.03
rs12817141	A	-0.0167
rs17181375	A	0.0269
rs144100949	C	-0.0898
rs77190971	T	-0.1233
rs117263507	T	-0.1035
rs7316033	C	-0.0229
rs10743675	T	0.0516
rs74534605	C	0.0841
rs6538270	T	0.0181
rs7312945	T	-0.0279
rs148036027	T	-0.0559
rs6581513	A	-0.0385
rs7297908	C	-0.0345
rs11836367	T	0.0179
rs61942027	A	0.1044
rs73079123	C	-0.0402
rs56773257	G	0.0864
rs140688358	G	0.0357
rs138348048	G	-0.0661
rs117902861	A	-0.099
rs7309063	T	0.0181
rs140218983	G	-0.073
rs35129388	C	0.0715
rs78373422	A	0.0623

rs12321708	G	0.0365
rs7978983	G	0.0175
rs12099589	C	-0.0307
rs117408037	G	-0.0664
rs140369684	A	-0.0655
rs7965731	A	0.0227
rs12581018	T	0.0381
rs142768156	G	-0.0777
rs12301443	C	-0.0197
rs75774841	A	-0.1335
rs117160913	T	-0.031
rs77960318	T	0.0492
rs11115592	G	-0.0395
rs11109673	T	0.0716
rs117329354	C	0.0988
rs17403340	C	0.0269
rs17038342	C	0.0491
rs17815179	C	0.035
rs111682266	A	0.1004
rs9788224	T	0.0192
rs11053518	G	0.0194
rs56267015	G	-0.0321
rs10845868	C	-0.0166
rs10778719	T	0.0167
rs2551381	G	-0.096
rs12832744	C	0.1256
rs417644	A	0.0263
rs10841785	G	0.0188
rs73310734	A	-0.0242
rs79020809	T	-0.0347
rs76663827	T	0.0709
rs17569596	A	0.0204
rs117381425	G	-0.059
rs10507180	T	0.0164
rs145856256	A	-0.0722
rs73063478	C	0.0306
rs11835814	G	0.0216
rs11181628	A	-0.0478
rs148928469	T	-0.0474
rs117015676	T	0.1448
rs17813263	C	-0.0577
rs7304375	C	-0.0169
rs10850367	T	-0.021
rs138606713	G	-0.0315
rs35506739	G	0.0299
rs589202	A	-0.0171
rs7978011	C	-0.0235

rs2164064	T	0.0208
rs3751143	C	-0.0205
rs117819085	T	0.0979
rs147821563	C	0.0907
rs117222745	A	-0.0964
rs144593587	T	0.1402
rs139664049	T	0.0772
rs1044370	C	-0.0166
rs10859168	C	-0.0364
rs73409542	G	-0.0747
rs75517901	A	-0.0616
rs7959836	G	-0.0168
rs73342414	T	0.0269
rs703642	G	0.0159
rs10850306	G	-0.0158
rs79779040	T	0.093
rs4387408	G	-0.0187
rs141444266	C	-0.094
rs117041720	A	-0.0765
rs10848934	A	-0.0202
rs11169067	C	-0.024
rs68177436	C	0.0349
rs1849850	A	0.069
rs11613906	G	0.0732
rs4963910	T	-0.0257
rs7132672	T	0.0163
rs80043219	T	0.068
rs142500328	G	0.1261
rs141117266	T	0.0708
rs113635389	T	-0.0345
rs78393951	C	0.0906
rs61942184	C	-0.1348
rs144182776	A	-0.0291
rs35486332	G	0.023
rs1629826	G	0.0159
rs150693984	G	0.073
rs76751464	C	0.0489
rs4762274	G	-0.0287
rs703712	C	-0.0207
rs11610540	A	-0.0219
rs80158678	G	0.1055
rs11114671	C	0.0207
rs4766897	T	-0.0199
rs11537468	G	0.0333
rs76751511	A	0.0649
rs2177933	T	-0.0265
rs4142771	A	-0.0276

rs117900252	A	-0.0704
rs56382468	G	0.0229
rs76377534	T	0.0893
rs7310851	G	-0.0232
rs9738727	A	-0.018
rs12316191	C	-0.0526
rs4997966	T	-0.0336
rs17802555	G	-0.0177
rs60212684	G	0.0521
rs12831673	A	0.0452
rs141223197	G	0.0833
rs144609873	A	-0.1204
rs78497144	T	0.0801
rs7138673	T	0.0195
rs117684842	T	0.0646
rs80078355	C	0.0493
rs56057649	T	-0.0229
rs111711298	C	-0.0557
rs73152375	T	0.1021
rs61932188	T	0.0596
rs885720	A	-0.0195
rs12368533	A	0.0526
rs4964251	T	-0.0306
rs61922256	G	0.0918
rs71465142	C	0.0857
rs34107897	A	0.026
rs10459159	A	-0.0231
rs2012894	G	-0.0211
rs113569939	G	0.0519
rs77926416	C	-0.0746
rs816182	T	-0.0161
rs149188661	T	-0.0809
rs7302816	C	0.0198
rs11113987	C	0.0244
rs4435086	G	-0.0238
rs73218570	T	-0.0264
rs145350930	T	0.0686
rs76049412	A	-0.0431
rs7296150	G	0.1104
rs147917358	T	-0.0959
rs10859123	C	0.0189
rs73427037	C	0.0398
rs7964161	G	-0.0169
rs12230384	G	-0.022
rs794173	G	0.0157
rs61956880	C	-0.0665
rs17579897	A	0.0666

rs7306187	G	-0.0193
rs116971493	T	-0.0676
rs73035462	T	-0.0363
rs117828300	C	-0.0674
rs140266360	T	0.0681
rs7397745	T	0.0161
rs2452806	C	0.0168
rs10850492	C	-0.0177
rs34774896	A	0.0483
rs138692022	C	0.0822
rs144489306	C	-0.0679
rs166985	C	0.0209
rs4761059	C	0.0163
rs78007798	A	0.1316
rs148652643	C	0.0625
rs7968345	A	-0.0298
rs78790382	T	-0.0361
rs11183131	A	0.0459
rs11062480	A	0.0318
rs4761020	T	0.0208
rs41276696	A	-0.0466
rs140954135	T	-0.1098
rs2306692	T	0.04
rs549257	C	-0.0201
rs140991036	A	-0.0595
rs80351098	C	0.0523
rs117593600	T	-0.1168
rs7316324	G	0.0171
rs145632331	A	-0.0547
rs77477528	C	-0.0614
rs822640	G	-0.0199
rs7298575	C	-0.0195
rs10878867	G	-0.1147
rs12578482	A	-0.0263
rs112064175	A	0.1531
rs113726329	G	0.1222
rs10735359	A	0.0234
rs9658368	A	-0.0699
rs149481529	A	-0.0641
rs1043810	T	-0.0188
rs7307323	T	0.0231
rs11173046	A	-0.0373
rs484659	T	-0.0191
rs60723559	T	-0.0328
rs12708363	C	0.0333
rs710705	T	-0.0202
rs138350573	C	-0.072

rs112784168	G	0.0639
rs12312224	C	0.0629
rs4765016	G	0.0255
rs11614278	C	0.0492
rs76056309	C	0.0376
rs616448	T	0.0224
rs113551656	A	-0.0552
rs11112146	T	-0.0168
rs117639423	C	0.0802
rs80332419	T	-0.0634
rs4238022	A	-0.0285
rs11051103	C	-0.0224
rs117329304	A	-0.0883
rs112283353	A	-0.1041
rs117808041	A	0.0661
rs112567112	T	-0.0469
rs56099069	C	-0.0621
rs11110463	A	0.0206
rs16943519	C	-0.0283
rs76169415	C	-0.0715
rs142918451	G	0.0669
rs9668137	G	-0.02
rs143633401	A	0.0597
rs117982226	T	0.1234
rs7299840	C	-0.0565
rs7313416	G	0.041
rs4765526	G	0.034
rs7308081	A	0.0846
rs116852836	T	0.1023
rs11831476	C	-0.0571
rs11068734	C	0.0383
rs75655648	C	0.1207
rs3782403	C	0.0168
rs80086574	T	-0.1181
rs80294517	G	0.0981
rs143557535	A	0.1123
rs118080535	C	-0.0734
rs11173322	A	0.0212
rs1849816	C	0.0175
rs11055434	T	-0.0256
rs12369820	C	0.0484
rs10880835	T	-0.0206
rs61927692	T	0.1075
rs61917217	T	-0.0331
rs76092615	A	-0.0421
rs117523200	G	0.0591
rs73104499	A	-0.0432

rs2303629	C	0.0162
rs71450440	G	0.0731
rs73085546	A	0.0965
rs10860153	G	-0.0159
rs1498745	A	-0.0248
rs6538780	T	-0.0158
rs60185066	A	-0.0535
rs11611136	T	0.0195
rs73113702	T	0.0639
rs73128926	T	-0.0914
rs117752606	A	0.0892
rs7970079	A	0.0349
rs142959109	C	-0.0838
rs112655343	T	0.0316
rs513272	T	-0.0202
rs7133686	C	-0.0551
rs76742390	A	0.0881
rs4365136	T	-0.0177
rs73131929	A	-0.0547
rs61438791	G	-0.0282
rs117526157	A	0.0753
rs216305	T	-0.0201
rs117663385	G	0.0466
rs79448816	C	0.0766
rs724346	T	0.0204
rs35669271	T	0.0538
rs145520445	T	0.0618
rs11174337	T	0.0941
rs10160844	C	0.0171
rs7959900	A	0.0214
rs4765057	C	-0.0262
rs140556350	C	-0.1025
rs73117248	G	-0.0856
rs7303919	G	0.0179
rs17288199	C	0.0339
rs7309369	C	0.0205
rs59150896	A	-0.0869
rs919996	T	0.038
rs10877905	A	0.0204
rs2407808	C	-0.0296
rs145325789	A	-0.0922
rs10732739	T	-0.0799
rs1479114	C	0.0156
rs35023953	C	-0.0422
rs80014272	G	0.0684
rs149395538	G	-0.0928
rs7974138	A	0.074

rs74785858	A	-0.0573
rs3852538	G	0.0159
rs7963127	T	-0.0283
rs7312381	T	0.0224
rs58966224	C	0.0934
rs34597826	T	-0.0706
rs139815485	A	-0.0676
rs11064955	T	-0.0224
rs10870511	A	-0.0196
rs146988205	A	0.0403
rs11177434	T	0.0293
rs1673857	T	0.0195
rs7970179	C	-0.0457
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rs77371628	A	-0.0398
rs7976650	T	-0.0276
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rs77264080	T	-0.0435
rs117551857	G	-0.0733
rs7306413	T	0.0156
rs117892460	C	0.084
rs78036267	T	0.0334
rs34383617	T	-0.0225
rs12422520	A	0.0198
rs78904262	A	0.0508
rs78666558	T	-0.0706
rs73034111	T	0.0828
rs73157216	T	0.0293
rs79170570	C	0.0445
rs117472403	T	0.0919
rs142342556	C	-0.0751
rs141012342	T	-0.0715
rs312163	T	0.0154
rs73157463	T	0.0571
rs10744011	T	0.0165
rs145771012	A	0.0601
rs10845995	C	-0.015
rs17125021	A	-0.0998
rs56162539	T	-0.0307
rs6489669	G	0.0522
rs11048000	T	0.0164
rs117727388	A	0.0484
rs141343641	C	-0.0604
rs17569638	C	-0.0283
rs79622186	T	-0.0414
rs3730607	T	-0.0965

rs149868817	G	0.1082
rs11063587	A	-0.0797
rs17182287	G	0.0876
rs7961919	C	0.0288
rs117209170	G	0.0526
rs3741568	T	0.0196
rs16908576	T	-0.042
rs73129635	G	0.0315
rs75947414	A	-0.0449
rs10492074	A	-0.0372
rs11061544	G	0.0363
rs34596600	G	-0.053
rs1019731	A	-0.0224
rs112259837	T	0.0952
rs113859179	G	-0.0629
rs139102842	T	-0.0765
rs58261212	G	-0.0321
rs7974570	C	0.0252
rs149390732	T	-0.1064
rs1123136	C	0.0171
rs12829585	T	-0.0235
rs139711468	A	-0.0516
rs9657930	A	0.1223
rs10466865	C	0.0311
rs74705839	G	-0.0321
rs4761490	T	0.0243
rs117786653	T	-0.057
rs77440173	G	0.0396
rs1615257	T	-0.0251
rs16944538	G	-0.0192
rs10128918	G	-0.0154
rs7139264	A	-0.0161
rs112228359	T	0.0418
rs4130827	G	-0.0176
rs11058404	T	0.0228
rs4766237	T	0.0353
rs61924834	A	0.064
rs149909608	T	-0.0984
rs4237794	T	0.0185
rs111891989	G	0.0353
rs7295684	A	0.0348
rs11834447	T	-0.0463
rs80155050	G	-0.0741
rs1558325	T	-0.0161
rs735637	G	0.0187
rs11609958	G	-0.0173
rs2659837	C	-0.0349

rs12810954	T	-0.0282
rs10877626	G	-0.0183
rs117050719	A	-0.0627
rs61912262	G	-0.0783
rs78076535	A	-0.1241
rs3847755	C	-0.0183
rs7979611	C	0.0171
rs12809961	C	0.0604
rs1688559	T	-0.0166
rs61915471	C	-0.0428
rs78995220	A	0.0813
rs11534812	G	0.0523
rs116857167	T	-0.0716
rs4763904	A	0.0176
rs11049163	A	0.0233
rs191093	G	-0.0402
rs17018712	C	0.0222
rs4964173	G	0.0341
rs76465767	C	0.0677
rs12304676	C	0.1266
rs73149021	A	0.0983
rs11050869	T	0.031
rs76166056	C	-0.0899
rs17107510	T	0.0245
rs61927161	A	0.0563
rs11109022	T	-0.027
rs7487262	G	-0.0225
rs10771024	C	0.0159
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rs148064593	A	-0.0951
rs7309384	G	0.0323
rs78658195	A	-0.0363
rs147812597	T	0.0977
rs4402333	G	0.0191
rs701044	G	0.0186
rs35107794	G	0.0203
rs17605176	G	-0.0593
rs12303539	C	-0.0591
rs855224	A	-0.0207
rs1922574	C	-0.0188
rs4523741	C	-0.0209
rs147460028	A	0.0402
rs7312020	G	-0.0296
rs12582196	T	-0.0572
rs4350435	A	0.0196
rs12582340	A	0.067
rs11612075	A	0.0398

rs7313107	A	-0.0193
rs7309718	G	0.0219
rs117778590	G	0.0753
rs12828734	T	-0.0238
rs4981002	A	0.0464
rs117503496	T	-0.026
rs61925781	T	0.0754
rs34929570	T	0.1112
rs1961675	A	-0.028
rs7295859	G	0.0152
rs11612244	G	0.0217
rs9738077	T	-0.0541
rs10772598	A	0.0226
rs58920866	G	-0.0465
rs7980589	C	0.0251
rs144265595	G	0.0883
rs746928	C	-0.0192
rs33219	T	0.0319
rs12367514	T	-0.0198
rs12831504	G	0.0346
rs148855350	A	-0.0655
rs77899486	G	0.0545
rs10773592	G	0.0225
rs58108997	C	-0.0646
rs7969006	T	0.0158
rs73220756	A	-0.0691
rs11569370	A	0.0924
rs17119494	A	-0.0296
rs7958715	G	0.0162
rs138713661	T	0.0665
rs11063133	C	-0.0299
rs10870514	T	0.0741
rs2730592	A	0.0161
rs1558825	A	-0.0165
rs1521372	C	-0.0262
rs4898541	A	0.0204
rs12422631	C	0.0219
rs7296163	C	-0.017
rs4129617	T	0.0224
rs11178842	C	-0.0309
rs804461	A	-0.0245
rs7294738	T	0.0733
rs112993968	T	-0.0531
rs60116929	C	-0.0349
rs1503767	G	-0.0231
rs112854609	C	-0.0536
rs10773776	C	-0.0191

rs76877631	G	0.0677
rs117640848	A	-0.0623
rs7313068	A	-0.0185
rs34016875	C	-0.0394
rs2271979	T	0.0287
rs1614508	C	-0.0172
rs117975326	A	-0.0791
rs117545202	C	0.0619
rs11062759	A	-0.0357
rs61922175	A	0.0219
rs7296719	A	0.026
rs117182187	A	-0.0437
rs12809281	T	-0.0394
rs151299102	T	0.0617
rs61909785	A	0.0312
rs150105243	C	-0.098
rs2723275	A	-0.0167
rs11110522	A	0.0325
rs7134419	A	-0.0201
rs117928519	T	-0.0877
rs143453306	G	-0.0781
rs7959528	C	0.0309
rs113854090	G	-0.1009
rs7311426	G	-0.0183
rs73159823	A	0.0702
rs10770944	A	-0.0157
rs1893491	C	0.0348
rs12830865	A	0.0614
rs600916	A	0.0255
rs74339818	A	0.0806
rs10735321	T	0.0259
rs79992593	G	-0.0427
rs61943679	A	0.021
rs989231	T	0.0165
rs4964654	A	0.022
rs602474	C	-0.024
rs73154952	C	-0.0459
rs2730801	T	-0.0621
rs10735458	A	-0.0287
rs118084076	G	-0.084
rs11612029	G	0.0444
rs138229646	C	0.065
rs10774862	A	0.0155
rs79287862	C	-0.0431
rs10846663	C	-0.0194
rs117671660	T	0.0484
rs11110874	T	0.0526

rs2446990	G	-0.0164
rs139086943	T	-0.0544
rs11183396	G	-0.0354
rs2029166	T	0.0173
rs73186255	C	0.0219
rs11108104	G	-0.0248
rs631882	G	-0.0294
rs143756107	A	-0.0328
rs9658610	T	0.0696
rs1551845	G	-0.0265
rs4072436	G	0.0152
rs76939401	A	-0.0936
rs56391088	T	-0.0236
rs4760578	T	0.0291
rs117135313	T	-0.1394
rs149115498	T	-0.0663
rs12303772	T	0.0267
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rs118032663	G	0.1109
rs1533752	G	0.0709
rs12228602	C	-0.0236
rs11610211	C	0.0839
rs61907702	T	-0.0707
rs1480003	G	-0.03
rs310844	C	0.0203
rs117282458	T	0.0569
rs28508242	G	0.1215
rs59316697	C	-0.039
rs111837731	T	-0.0825
rs79100503	T	-0.07
rs75019587	T	0.0482
rs12371391	C	-0.0148
rs2887474	C	0.0156
rs77220800	A	0.0502
rs17609576	T	0.0309
rs35479394	A	0.0416
rs884256	G	-0.0222
rs145321080	T	-0.0461
rs117460788	G	0.0496
rs78349600	T	0.0428
rs73157021	T	-0.1192
rs117198289	A	-0.0908
rs10876498	G	0.0181
rs67075297	C	0.0494
rs2220686	A	0.0273
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rs73306463	G	0.0168
rs143803843	A	-0.0852
rs116867595	C	0.0517
rs150775562	A	0.08
rs7966049	G	0.032
rs12307364	T	0.0175
rs12301055	G	-0.0338
rs35022834	C	0.082
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rs55690151	C	-0.0847
rs10785308	T	0.0161
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rs140481354	A	-0.0814
rs10841993	C	0.0344
rs146173833	T	-0.0996
rs56175780	C	0.0201
rs141147614	C	0.067
rs1014448	C	-0.03
rs117407215	C	-0.0765
rs61952934	A	-0.0518
rs11170675	A	0.0551
rs61933189	A	-0.0167
rs139777065	C	0.0286
rs73034862	G	-0.0501
rs78384994	T	-0.0913
rs7962636	T	0.0159
rs150031288	A	-0.134
rs12423223	A	-0.0253
rs544767	G	0.0182
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rs7297674	G	0.0264
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rs79172476	T	-0.078
rs118061849	G	-0.0838
rs75458243	T	0.0455
rs11830209	C	0.0525
rs77474622	C	-0.0344
rs77977581	T	0.022
rs7963966	G	-0.0158
rs145589625	C	-0.1272
rs7963864	T	-0.0593
rs112215938	A	0.1152
rs2252026	C	0.015
rs7976781	T	-0.0204

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rs7970431	A	0.0622
rs10846915	C	-0.0162
rs112949546	A	0.1613
rs12303008	G	0.0387
rs80330769	T	0.0739
rs61573358	G	0.0335
rs224773	T	-0.0167
rs17708529	A	-0.0239
rs12228756	A	-0.0318
rs76777294	A	0.0787
rs1799464	A	0.0165
rs256655	T	0.0151
rs653972	A	0.0363
rs73133877	G	0.0312
rs4135106	C	-0.0374
rs11612328	A	-0.0493
rs470671	A	0.0322
rs11067769	G	0.0151
rs17619569	G	0.0942
rs4980929	C	-0.0156
rs73072420	T	-0.0646
rs112173082	A	0.0518
rs142421892	A	-0.1258
rs3759178	G	0.0161
rs1549996	A	0.0162
rs61541257	C	-0.0538
rs4767654	G	0.0164
rs10773920	C	0.0311
rs11116744	T	-0.1196
rs76914053	C	0.0477
rs73187857	A	0.0208
rs7316592	T	-0.0322
rs140001944	T	0.0817
rs11046951	T	0.0261
rs4898534	G	-0.016
rs2400842	A	-0.0258
rs34353492	C	-0.032
rs7980247	A	0.0152
rs798224	T	-0.0184
rs11062730	C	-0.029
rs10506726	T	0.0382
rs112918689	A	-0.023
rs17104190	A	-0.0277
rs11833552	A	0.0306
rs11107680	T	-0.0359

rs10773961	C	-0.0367
rs7133793	G	0.0168
rs112795655	T	0.0616
rs2373457	G	0.0154
rs35224425	T	0.0861
rs1036430	C	0.0762
rs7135512	T	0.0326
rs10774281	G	0.018
rs17178877	T	-0.0221
rs145542121	C	0.1096
rs2400693	G	-0.1269
rs55708135	T	-0.0357
rs112345711	A	-0.0731
rs10082891	T	0.0272
rs1488056	A	-0.0373
rs9669403	A	-0.0162
rs112537817	A	0.0926
rs117398524	A	0.0711
rs147573737	C	0.0642
rs7970632	G	-0.0157
rs11048961	G	-0.0347
rs60895982	A	0.0723
rs17746603	C	0.0762
rs12819287	T	-0.0232
rs7964240	G	0.0246
rs6487668	C	0.0175
rs73117792	G	-0.0528
rs117335824	C	-0.0672
rs145331843	C	0.0889
rs145372273	C	0.0758
rs72487574	T	0.0672
rs10773094	T	0.0217
rs75890988	A	0.0179
rs974872	G	0.018
rs78354453	A	0.0299
rs79385743	T	-0.083
rs816183	A	0.0158
rs113619434	C	0.0414
rs11060202	T	0.0166
rs138588701	C	0.0754
rs17029487	A	-0.06
rs115607869	G	0.0339
rs11060678	T	-0.0232
rs77893809	A	0.0364
rs10850856	G	-0.0223
rs16928563	C	-0.0362
rs114582597	G	-0.072

rs148699498	C	0.0766
rs815874	T	0.0149
rs148619817	T	0.0972
rs141799222	G	-0.0582
rs74097641	C	-0.0908
rs79917200	A	0.0508
rs61926357	A	-0.0992
rs80093766	T	-0.0184
rs6489708	C	-0.028
rs117734006	C	-0.0747
rs10845476	A	-0.0242
rs11613420	G	0.0237
rs58482001	T	-0.0405
rs11064748	A	0.0517
rs4761646	T	-0.0491
rs3815479	T	-0.0153
rs79738065	A	0.0505
rs12099704	T	0.0209
rs140485185	A	0.1063
rs111732213	A	0.0324
rs140377562	G	-0.0746
rs117640475	A	-0.072
rs111924686	G	0.0457
rs10777392	T	-0.0151
rs7980688	C	-0.0184
rs1974710	A	0.0188
rs141245459	T	0.0582
rs6538450	A	0.0302
rs75221748	C	-0.0969
rs2240798	T	0.0212
rs149463228	A	-0.0319
rs2291268	G	0.0332
rs17030480	T	0.0159
rs146060683	C	0.092
rs117602138	T	0.1053
rs79150298	A	0.0297
rs147729761	T	0.0628
rs4931631	T	0.0152
rs73179767	G	-0.0902
rs12366981	A	-0.0177
rs118047513	T	0.0789
rs139727264	G	-0.0487
rs112341217	A	-0.0171
rs78313558	A	-0.0299
rs11057542	C	0.0181
rs61937442	A	0.035
rs117698362	A	-0.0459

rs11046796	A	-0.0174
rs80062046	G	0.0969
rs12302104	A	-0.0965
rs11049904	T	0.0197
rs79005510	T	-0.0901
rs56080025	G	-0.0362
rs148405836	G	0.0557
rs12320735	G	-0.0155
rs2128611	C	-0.0225
rs35692646	C	0.0568
rs150035819	A	0.0795
rs7308238	A	0.0152
rs4759830	A	0.0241
rs56300117	T	0.0267
rs71579337	C	-0.0779
rs77481251	C	0.0619
rs74351589	G	-0.095
rs7137355	T	0.0247
rs117255725	C	0.0627
rs7315278	C	-0.0157
rs7958163	A	-0.0197
rs11060140	G	0.0184
rs79348063	G	-0.0517
rs10847760	T	-0.0161
rs10777472	C	0.0158
rs12828089	A	-0.0235
rs75134025	C	0.0598
rs150724481	A	0.1123
rs111487765	G	0.0686
rs79779686	G	-0.0828
rs2667478	A	0.0187
rs117968441	A	0.0978
rs10849031	G	-0.0804
rs4409895	T	-0.0193
rs11047303	A	0.0828
rs57082141	C	0.0269
rs73124816	C	-0.1371
rs75171325	C	-0.059
rs61926311	G	-0.0638
rs62640853	A	0.0332
rs11047955	G	-0.0302
rs2062858	A	0.0272
rs1997201	T	0.128
rs2227491	T	-0.0149
rs12370262	A	0.029
rs117836759	G	0.0487
rs61099764	C	0.0142

rs10777611	A	-0.0206
rs61942423	T	0.0206
rs148167261	A	-0.1028
rs147052551	A	-0.0695
rs73235943	G	-0.0453
rs73081065	G	-0.043
rs78165519	T	0.0612
rs970095	C	0.0148
rs4765091	C	-0.015
rs3924187	C	0.0212
rs3213776	G	-0.0177
rs141337713	T	0.0884
rs73195636	G	0.0451
rs75844502	T	0.1097
rs143658391	C	0.0722
rs61945416	C	0.0711
rs55834271	G	-0.0243
rs59560692	C	-0.0655
rs10771215	T	0.0165
rs10878761	A	-0.0392
rs28557447	C	0.0636
rs4964583	G	-0.0208
rs12820411	C	-0.0159
rs35543857	G	-0.0353
rs7137426	T	0.0156
rs111989433	A	-0.0303
rs4251571	G	0.0868
rs7134316	A	0.0161
rs57294808	C	0.0306
rs12229873	G	0.0195
rs7135816	T	-0.0271
rs4760371	T	0.0205
rs143200320	T	-0.1256
rs869992	G	0.0236
rs144673668	C	-0.0366
rs76933021	G	-0.0599
rs117949939	A	0.0532
rs1981672	T	-0.0165
rs147357428	T	-0.0985
rs61050251	G	-0.0248
rs7136534	T	-0.0175
rs17801265	A	0.0225
rs61747565	A	-0.0207
rs145393359	T	0.0572
rs345679	T	0.0322
rs10861422	C	0.0198
rs11116442	G	-0.0179

rs73217401	C	0.095
rs12819888	T	-0.0434
rs11614250	T	0.0215
rs11612934	A	0.0339
rs146544715	T	-0.0954
rs139965003	T	0.0682
rs79880337	G	0.0722
rs118129778	T	-0.0377
rs6598205	G	0.0176
rs11608878	T	0.0252
rs12368216	G	-0.0145
rs4760822	T	-0.0197
rs73156697	C	-0.0404
rs138769431	T	-0.1208
rs12099798	C	0.0832
rs145623974	A	0.1043
rs113825091	A	0.0295
rs11112660	G	-0.0148
rs35308094	G	-0.0369
rs2300739	T	-0.0173
rs7301783	A	-0.0207
rs78068127	T	-0.0817
rs74650970	T	-0.0751
rs1064125	T	0.021
rs33154	G	0.0153
rs10841497	G	-0.0164
rs73284070	T	0.0248
rs1239906	C	0.0331
rs2468197	C	-0.0147
rs142373787	C	0.0717
rs78317981	G	-0.0822
rs35044109	A	-0.0796
rs144106147	A	0.1044
rs829066	T	0.0163
rs17330412	G	-0.034
rs1546246	C	0.0152
rs418105	T	-0.0146
rs144087653	G	-0.0655
rs61926151	A	0.0507
rs140691569	G	0.1045
rs78885704	G	0.0525
rs2243512	T	-0.0148
rs117637419	C	-0.0517
rs2124476	T	-0.0302
rs7296761	T	0.0146
rs17766408	C	-0.0307
rs12313324	G	0.0215

rs1522303	T	0.0261
rs76703810	G	0.0738
rs12426110	A	0.0435
rs79598393	T	0.0788
rs10778287	G	-0.0238
rs59020652	C	-0.0478
rs139277263	A	-0.1001
rs7960493	G	0.0181
rs2138256	A	-0.0151
rs1567910	G	0.0145
rs7979265	A	0.0406
rs10842621	G	-0.0268
rs11057884	G	-0.0239
rs12423282	T	0.03
rs117185511	T	-0.0563
rs7963412	C	-0.0142
rs117377641	T	-0.0506
rs10846167	T	0.0153
rs11046625	G	0.0417
rs141375906	T	0.0471
rs78236500	C	-0.143
rs11612412	A	-0.014
rs73188510	A	-0.03
rs150922807	A	0.0429
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rs143878706	G	0.1066
rs116891880	T	0.0792
rs118119205	T	-0.0676
rs2569975	G	0.0189
rs144510844	T	-0.1045
rs144424246	T	-0.0581
rs12822426	T	0.0421
rs61923467	T	-0.0634
rs111117182	G	-0.0152
rs7974023	T	-0.0147
rs3782851	T	0.0304
rs10841856	C	-0.0151
rs708204	G	-0.0489
rs146578911	A	-0.1149
rs75912947	C	0.0702
rs4963584	A	0.0142
rs3910533	C	0.0513
rs117581785	A	-0.057
rs12314849	C	0.0146
rs11111629	C	0.0142
rs7487222	T	0.0226
rs144694041	G	0.0702

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rs77834440	G	-0.0561
rs2895799	C	-0.0277
rs117765826	T	0.0511
rs60456228	A	0.0176
rs141708268	A	0.0818
rs838916	A	-0.0141
rs4373988	A	-0.0182
rs9804823	G	-0.0374
rs61229924	A	-0.0181
rs992742	A	0.0179
rs145028061	T	0.0859
rs12820814	T	0.075
rs61936009	A	0.0699
rs3751254	T	0.0287
rs1846018	T	0.0247
rs151017217	C	-0.0355
rs10861453	G	0.014
rs78011072	G	0.1519
rs265638	C	0.019
rs142314200	T	-0.0672
rs17027918	T	0.0404
rs117547564	T	0.0668
rs142662601	T	-0.0599
rs76243791	T	0.0299
rs2418080	G	-0.0183
rs17120778	A	-0.0672
rs77617791	T	-0.0895
rs117342408	A	-0.0563
rs7956544	T	0.0154
rs7294693	A	0.0263
rs116910287	T	-0.0581
rs11114871	G	-0.0185
rs145640835	T	-0.0454
rs56151147	T	0.0143
rs117226891	T	-0.0612
rs147175344	T	0.0594
rs11055962	A	-0.0208
rs4761368	A	0.014
rs117405401	A	-0.0856
rs7304587	A	-0.0988
rs7974784	T	-0.0216
rs9795791	T	0.0226
rs1458186	G	-0.0227
rs142145511	T	-0.1133
rs60845443	T	-0.0157
rs75088786	T	0.0363

rs75814378	T	0.104
rs7962773	G	0.0186
rs117521692	G	-0.0516
rs7297487	G	0.056
rs77009487	G	-0.0179
rs10778687	A	-0.0388
rs4519183	T	-0.0585
rs138646359	G	0.1104
rs11106471	C	0.0338
rs7300332	T	-0.0634
rs918168	T	0.0153
rs75265469	C	0.0907
rs116938923	A	0.1338
rs4765583	G	-0.0555
rs74907797	G	0.0926
rs61558853	A	-0.0508
rs6539417	A	-0.0234
rs17288073	A	-0.0251
rs76480705	T	0.0514
rs12322859	G	0.016
rs10862916	A	0.0219
rs117378701	G	0.0681
rs6489145	A	-0.0151
rs646707	A	0.016
rs112526079	C	0.0565
rs11110881	T	-0.0537
rs11111853	A	0.0418
rs34572498	G	0.0471
rs112850087	G	0.0165
rs6539232	C	-0.0194
rs111322695	G	-0.0771
rs16907538	A	0.028
rs55742883	A	0.0198
rs75000107	C	0.1174
rs77660584	A	-0.0342
rs112619335	T	0.0829
rs118171527	C	0.0838
rs117492858	C	-0.0788
rs2703063	G	0.0266
rs1239933	T	-0.0206
rs117067935	A	-0.1031
rs73163125	A	0.0223
rs117489454	G	-0.0479
rs150290092	A	0.0693
rs12427077	G	0.0191
rs77285646	A	-0.0696
rs76785442	A	0.0195

rs7308442	T	-0.0168
rs2619439	C	-0.0169
rs117961788	T	-0.0342
rs7485254	A	-0.0183
rs11059924	T	-0.0149
rs11047573	T	0.0646
rs11064306	C	0.0199
rs118164708	A	0.0636
rs73423103	T	0.0767
rs78613623	T	0.022
rs11053489	A	-0.0222
rs117379012	A	-0.0677
rs2239204	T	-0.0342
rs17763571	G	0.0671
rs113580100	G	-0.0613
rs74437822	T	-0.0638
rs12307079	G	0.0316
rs2264864	C	0.0327
rs2567978	T	0.0183
rs12367378	G	0.0146
rs146983427	C	-0.0475
rs16933513	G	-0.0371
rs4762492	A	0.0348
rs2221096	A	-0.0654
rs10845716	C	0.0269
rs79109875	G	0.0275
rs143926433	G	0.0917
rs7959125	G	0.0197
rs74393821	T	0.054
rs73148971	C	-0.0473
rs3819526	C	0.0151
rs143572577	A	-0.0983
rs11106380	G	0.0315
rs142893251	C	0.0768
rs73061198	A	0.0327
rs7956104	C	-0.0408
rs2540135	A	0.0701
rs12310531	C	0.036
rs300446	T	0.0151
rs77403954	T	-0.104
rs111260356	T	0.0557
rs7302341	T	0.0166
rs78705232	A	-0.0731
rs73128398	A	-0.0525
rs113033740	A	0.0541
rs117896918	A	-0.0633
rs74319995	A	0.0386

rs11057520	A	0.0222
rs7965928	T	0.0148
rs73049469	A	-0.0321
rs10744629	G	0.0217
rs61751357	T	0.0709
rs918089	C	-0.0258
rs116843788	A	-0.0526
rs112619767	G	0.0829
rs117673338	C	0.033
rs3751198	A	-0.0146
rs118001579	A	0.0698
rs11564115	G	0.0452
rs76135556	A	-0.0681
rs11613446	A	0.1222
rs2888436	T	0.0404
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rs117148911	T	-0.0774
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rs138336835	A	0.0607
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rs55659121	A	0.0211
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rs117221067	A	0.0613
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rs145170603	C	0.0901
rs146437037	T	0.0409
rs661729	T	-0.0368
rs2046381	C	-0.0173
rs141742948	C	0.0805
rs7131862	A	-0.0252
rs142811822	A	-0.0273
rs4765761	C	-0.0192
rs4764576	G	-0.0193
rs2733294	G	-0.0192
rs56073310	T	0.0331
rs1383390	T	0.0232
rs4414324	A	0.0256
rs3217862	G	-0.0199
rs9739733	T	-0.0291
rs148709088	C	-0.0593
rs11608624	A	-0.0561
rs116962185	A	-0.0663

rs4964832	T	-0.0153
rs2701607	A	0.0159
rs35187840	A	-0.0577
rs11177516	A	-0.0239
rs78323196	T	-0.0505
rs73056668	C	0.023
rs74089975	C	-0.0339
rs1049606	C	0.022
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rs6539609	T	-0.0181
rs117846170	A	0.053
rs7969446	A	-0.0142
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rs140970165	T	-0.0767
rs10859036	G	-0.033
rs35653459	A	-0.0962
rs56270948	A	0.0496
rs11610114	C	0.0428
rs142352793	G	0.0473
rs11105236	T	-0.081
rs17037453	T	0.0299
rs4766335	G	-0.0142
rs2033794	C	0.0161
rs10842667	T	-0.0175
rs11047097	A	-0.0271
rs3742023	T	0.0145
rs11049177	C	0.0158
rs73221443	A	-0.0469
rs34375584	T	0.0187
rs73148514	C	-0.0401
rs285550	G	0.0167
rs73217776	A	0.0544
rs1732493	C	0.0166
rs1190508	T	-0.0337
rs140084656	T	0.0729
rs117580657	T	-0.041
rs10848236	A	0.0181
rs7967671	C	0.0161
rs150057183	T	-0.0977
rs11106953	T	0.0187
rs10785233	G	-0.0361
rs1587686	A	-0.0196
rs76569101	G	-0.0476
rs2887955	T	0.0151
rs772738	A	-0.0662
rs10849916	T	0.015
rs138923218	T	0.0727

rs116048088	C	0.117
rs7298104	T	0.0603
rs117322608	A	0.1091
rs77085412	A	0.0261
rs949911	A	-0.0176
rs73038056	G	0.0441
rs2252993	C	-0.035
rs117746666	A	-0.0494
rs143795138	A	0.0771
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rs118037677	A	-0.0451
rs10160920	T	0.0196
rs2728844	G	-0.0194
rs7313912	C	-0.039
rs12300920	C	-0.0164
rs11060042	A	0.0832
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rs141938947	T	-0.1171
rs12320788	T	-0.053
rs73039974	C	-0.025
rs111110694	T	0.1031
rs12300548	T	0.0537
rs11182514	G	-0.0223
rs5027903	C	0.0239
rs149794157	T	0.0818
rs11837658	T	-0.0146
rs61943445	G	0.0807
rs56102355	C	-0.0345
rs143224048	T	-0.0979
rs7975512	C	0.014
rs77896122	C	-0.0855
rs76063391	G	0.08
rs7954818	T	-0.023
rs113794488	G	-0.0953
rs1310679	G	0.0137
rs7297088	C	0.0592
rs2418041	C	-0.0397
rs2216165	G	0.0651
rs112505042	C	-0.0816
rs78527410	C	-0.0559
rs898158	G	-0.015
rs12322451	A	-0.0158
rs75021172	C	0.0381
rs149617787	C	0.0969
rs74603821	C	0.0564
rs3217913	G	-0.0483
rs34588809	A	-0.0276

rs117075935	T	0.074
rs10861465	A	-0.0161
rs34757345	T	0.0347
rs74459784	A	-0.0605
rs142217535	G	-0.0865
rs878962	G	0.0145
rs117130947	C	0.132
rs7975816	A	0.0371
rs1882114	T	0.0172
rs4763954	G	0.023
rs10777286	A	-0.0165
rs10506999	C	0.0223
rs75168003	T	0.0912
rs117407263	T	-0.1053
rs145756280	A	-0.0512
rs61921798	G	-0.0381
rs79987515	A	-0.0804
rs55877914	G	-0.0154
rs999391	A	0.0688
rs117237128	G	-0.0599
rs10773157	G	0.0201
rs7135001	A	0.0324
rs146733292	T	-0.0293
rs7974976	T	0.0151
rs144359981	A	0.0654
rs78807400	T	0.0614
rs34793912	A	-0.0749
rs118135284	G	-0.0558
rs76494966	T	0.0345
rs76460054	T	0.1009
rs2164502	A	0.0166
rs12426482	T	0.083
rs11053893	C	-0.0361
rs112450338	G	0.0516
rs71458590	T	-0.0843
rs3741761	T	-0.0151
rs77985887	A	0.0313
rs10507028	A	-0.0519
rs11611721	T	0.029
rs728906	G	0.016
rs2698250	C	0.0498
rs116861199	A	-0.0541
rs1048497	A	0.0184
rs117764025	T	0.046
rs73064459	C	0.0462
rs10842207	A	0.0275
rs118119949	G	0.1047

rs4554986	G	0.0251
rs76500574	G	0.106
rs73131721	A	-0.0259
rs78639745	G	-0.0417
rs10492224	G	0.0172
rs555131	A	0.0377
rs73341540	T	0.0886
rs11063560	A	0.0462
rs1634536	T	0.0141
rs73224914	A	-0.0429
rs143357213	C	0.0712
rs11065408	C	0.0333
rs12368902	A	0.0718
rs1607651	T	0.0164
rs76718742	G	0.0162
rs35531449	C	0.0443
rs117872759	G	0.042
rs117383222	A	0.1166
rs12823728	G	-0.0147
rs4076729	A	0.0499
rs145001823	C	0.0935
rs12231242	T	-0.0421
rs111339777	T	-0.0796
rs117536841	T	-0.1038
rs12818182	C	-0.0341
rs147948774	G	-0.059
rs142242415	G	-0.0804
rs112650722	T	-0.0564
rs118087547	A	0.0962
rs10773781	G	-0.0416
rs141926126	G	-0.0892
rs56351182	G	-0.0389
rs11178392	A	0.0221
rs78398729	T	0.0568
rs117106274	T	-0.0922
rs16919514	G	0.035
rs75872593	T	0.0496
rs61930885	G	0.066
rs16947735	A	0.039
rs77020377	T	0.0479
rs10849163	T	-0.0201
rs148471372	A	-0.0283
rs113950715	C	-0.0548
rs73203044	A	0.0593
rs76758036	T	-0.0731
rs850940	T	0.0154
rs11168183	C	-0.0187

rs7959280	G	0.022
rs7132606	C	0.0289
rs138094630	G	-0.0743
rs117072935	T	-0.0382
rs7961564	T	0.0336
rs10777302	A	0.0328
rs12228894	C	0.0181
rs111415074	T	0.0632
rs78028283	A	0.0714
rs12811871	C	0.0562
rs74722629	T	0.0391
rs77254728	G	-0.0299
rs145406829	G	0.0865
rs11613476	C	0.0136
rs12303605	G	0.0458
rs77383154	T	-0.033
rs1875767	G	-0.015
rs12427174	A	-0.0389
rs215397	A	0.0138
rs473988	C	0.0138
rs143075333	C	-0.0461
rs111385476	C	0.0598
rs4590962	C	-0.0208
rs1355735	A	0.031
rs10876068	G	-0.0171
rs117094207	A	-0.0967
rs117264861	A	-0.0939
rs75384646	G	0.0386
rs7965233	G	0.0171
rs59864454	C	-0.0357
rs2671438	A	-0.0421
rs111928810	T	-0.0171
rs4964009	T	0.0136
rs75568480	A	-0.0571
rs144604262	T	0.0746
rs35931983	C	-0.0269
rs76605293	A	0.0541
rs76497469	T	-0.0338
rs544605	C	-0.0151
rs115816674	T	0.0377
rs113082321	G	-0.0617
rs56304800	T	-0.0648
rs17035928	C	0.022
rs74808306	T	-0.0406
rs75653285	T	0.0593
rs145324424	G	0.0626
rs75274385	G	0.078

rs76408242	A	0.0882
rs3850599	G	-0.0271
rs1871769	G	0.0809
rs113000708	T	-0.0345
rs71457113	A	0.0178
rs4590937	G	-0.02
rs7965342	C	0.0147
rs112887444	C	-0.0598
rs10083016	G	0.0922
rs117999987	G	0.0836
rs2300553	C	-0.0137
rs75765693	A	0.0474
rs2160975	G	-0.0134
rs76997144	G	-0.0657
rs79727548	T	0.0767
rs10773558	T	-0.0155
rs2393327	T	-0.0194
rs11168267	A	0.0261
rs7304575	T	-0.0133
rs67053798	T	-0.0444
rs76696080	T	0.048
rs117189363	T	-0.0523
rs75305693	T	-0.0321
rs117915868	G	-0.0711
rs11047243	C	0.0531
rs79747671	T	0.0241
rs759747	A	0.0369
rs117051658	C	-0.0762
rs7488886	T	-0.0155
rs10771265	A	0.0152
rs35053	C	0.0187
rs11106526	C	-0.0517
rs146861482	A	-0.1209
rs10784366	T	-0.019
rs111833890	T	-0.0561
rs11170324	A	0.0689
rs80217083	A	0.061
rs147393606	G	0.0715
rs143383875	T	0.0602
rs73219409	A	0.0261
rs1544631	T	-0.0148
rs142411939	C	-0.0739
rs326405	A	-0.0464
rs77516945	A	0.0634
rs74653052	A	0.0592
rs11610290	G	0.0363
rs112494100	C	0.0404

rs7964549	A	0.0251
rs7132238	T	-0.0195
rs79649390	G	0.0625
rs11055660	G	0.0183
rs75000433	C	-0.0492
rs139953800	T	-0.0425
rs75469337	T	0.0562
rs147426618	A	0.0773
rs7488389	T	-0.0232
rs140178594	C	0.0173
rs80229175	A	-0.0334
rs80207108	T	0.0778
rs74422750	G	0.0548
rs11051737	A	-0.0197
rs1458188	G	0.0278
rs55643156	T	0.0488
rs2619062	C	-0.0137
rs73080989	C	0.0674
rs144154568	T	0.0747
rs7315539	A	0.0146
rs75616013	G	0.0619
rs7976792	A	0.0162
rs4882509	C	0.0397
rs149003910	A	0.0615
rs11054787	T	-0.04
rs10843848	C	0.0157
rs56262904	T	-0.0388
rs11614216	G	0.0265
rs145911621	C	-0.0583
rs249065	T	0.0178
rs73125857	T	0.0443
rs56205738	T	0.0244
rs76743450	G	0.0251
rs7136058	C	-0.0474
rs146235041	G	0.0706
rs1581563	G	0.0184
rs11176822	C	0.0468
rs12830360	G	0.0149
rs17177865	T	0.1015
rs139977220	A	0.0299
rs11058421	A	-0.0443
rs117366671	G	-0.0626
rs12828298	A	-0.02
rs1274519	C	-0.0326
rs112797720	C	-0.0222
rs7979875	T	-0.0172
rs141657392	G	0.072

rs11835749	C	0.0811
rs9332936	G	-0.0617
rs67228087	A	0.0291
rs11106457	T	0.0427
rs838329	G	-0.0136
rs10876863	G	-0.0163
rs75694217	C	0.0498
rs34962571	A	0.0276
rs73037588	G	0.093
rs17718299	T	0.0629
rs61940115	T	0.0279
rs17547610	A	-0.0188
rs1906246	G	0.0139
rs117969254	C	0.056
rs10772693	T	-0.0197
rs10743687	A	0.0673
rs113555569	T	-0.0621
rs34232954	T	0.0247
rs12099933	G	-0.0838
rs12580240	G	0.0598
rs148114740	A	0.0965
rs73372114	T	0.0477
rs73134093	A	0.024
rs646923	T	-0.0161
rs61934796	T	0.032
rs76466686	T	-0.0979
rs12825539	T	0.0754
rs114479218	T	-0.0623
rs448508	T	-0.0202
rs77663363	A	0.0907
rs7133812	C	0.0274
rs12817388	T	0.022
rs10505937	C	-0.0207
rs12302768	A	0.0697
rs7974890	T	-0.031
rs73149018	G	-0.0264
rs139047344	G	-0.0784
rs2535404	T	0.0149
rs10772530	A	-0.0148
rs4471472	A	-0.0141
rs7975690	C	-0.0723
rs4128857	C	-0.0225
rs11043995	G	0.0716
rs150584840	T	-0.0877
rs116868087	T	-0.0654
rs1426466	T	-0.0169
rs897655	A	0.1007

rs150147929	C	0.0832
rs77275020	A	0.0319
rs73148325	C	-0.0165
rs34276792	C	0.0201
rs77669894	A	-0.07
rs7299715	T	0.0138
rs112471725	A	0.0667
rs11043900	A	0.0287
rs11048660	C	0.0307
rs73419839	T	-0.0216
rs1389804	T	-0.0311
rs78613859	T	0.0716
rs78212973	C	0.0825
rs71461102	G	0.031
rs28608562	C	0.0222
rs143357627	T	0.0922
rs2484599	T	0.0146
rs7965534	A	-0.0163
rs11051920	C	0.0201
rs75723404	G	0.0379
rs78885473	G	0.0363
rs11177324	T	0.0591
rs17774188	A	0.0241
rs6487379	A	-0.0383
rs11169748	G	-0.0866
rs61954590	C	0.075
rs55756572	T	0.0386
rs7300045	C	-0.0191
rs11834433	G	-0.0809
rs11107574	C	-0.0186
rs4238094	A	-0.0159
rs78145366	G	-0.0422
rs75649931	A	-0.0459
rs11048444	C	-0.0557
rs754297	T	0.0161
rs1601401	T	-0.0256
rs10880307	G	0.0201
rs11062738	T	-0.1216
rs7299031	C	-0.0491
rs58709994	A	0.0628
rs73129033	C	-0.0658
rs61729287	G	-0.0866
rs10507084	T	-0.0276
rs78731931	T	0.0567
rs2727717	A	0.0263
rs113350495	T	0.0461
rs78392849	T	0.0213

rs1163016	C	-0.0136
rs143252183	A	0.0913
rs73130203	C	-0.0341
rs73177924	T	0.0289
rs7309619	C	-0.0164
rs11108162	A	0.0185
rs116447029	T	-0.0356
rs7316901	G	0.0149
rs11110457	A	0.0926
rs17548327	T	0.0482
rs149714292	T	-0.0766
rs75930438	A	-0.0492
rs78401942	T	-0.0886
rs11179033	A	0.0146
rs7956772	C	0.03
rs111775137	A	-0.0274
rs61932677	A	-0.0227
rs74650738	G	-0.0677
rs7310591	G	-0.0334
rs76921257	G	0.0535
rs145323206	T	0.073
rs80100697	G	0.1118
rs12820454	G	0.0398
rs11107212	A	0.0423
rs75530585	T	0.0314
rs12366411	C	-0.0655
rs61939528	A	-0.0788
rs73054059	C	-0.0208
rs146780234	T	0.0446
rs2643633	T	-0.0262
rs117452585	G	0.088
rs34443871	T	-0.0876
rs10506233	C	0.0414
rs11107351	A	-0.0157
rs11047093	A	-0.1255
rs75085268	T	0.0504
rs2192975	T	0.0139
rs73047666	T	-0.0723
rs7315428	T	0.017
rs4408367	A	0.0317
rs112588865	A	-0.0548
rs12822866	A	-0.0547
rs77575865	T	-0.0463
rs7315522	T	0.042
rs117406407	T	-0.0734
rs1037153	T	0.0192
rs10842656	C	-0.0134

rs7970354	A	0.0133
rs116984489	T	-0.0416
rs75016853	A	-0.0451
rs56409216	T	0.05
rs6490245	G	-0.0135
rs11614607	C	0.0418
rs76196329	A	0.0805
rs551510	C	-0.0144
rs787835	T	-0.0537
rs4269991	T	-0.0187
rs73230438	G	0.0439
rs10745677	T	0.0179
rs116991255	A	0.0534
rs11048994	A	0.0199
rs74103432	G	0.0305
rs78906708	T	-0.0405
rs78881745	T	-0.0405
rs137927190	T	0.0673
rs74743483	G	0.0279
rs61928379	A	0.0233
rs4766918	G	-0.0273
rs885353	T	-0.0733
rs249063	A	-0.021
rs2197283	T	-0.0153
rs151149046	T	0.0471
rs10878986	C	0.0142
rs1072364	G	-0.0257
rs7306405	T	0.0248
rs117233116	T	-0.0809
rs76904423	A	0.0505
rs2710696	T	-0.0137
rs12831682	A	0.0377
rs11063272	G	0.0157
rs871686	G	-0.0254
rs11611889	T	-0.0339
rs74749000	C	0.0207
rs77387179	C	0.065
rs117794123	A	0.1102
rs727527	T	-0.0163
rs71454851	G	-0.0381
rs76954143	A	0.123
rs117420403	C	-0.0324
rs150091418	T	-0.0993
rs112055775	T	0.1217
rs11106758	G	-0.0137
rs150122964	T	0.0903
rs150493598	T	0.0453

rs7301620	A	-0.0183
rs117658432	T	-0.0662
rs117700434	A	0.0395
rs11174356	G	0.0194
rs117030121	G	0.0363
rs73129545	A	-0.0265
rs78514324	G	0.0767
rs11836577	G	-0.0368
rs10862585	C	-0.0163
rs10847998	T	0.0278
rs61927736	C	0.0472
rs117270399	T	-0.0336
rs10848522	A	0.0172
rs117270000	C	-0.0858
rs74817683	A	-0.0769
rs73205049	G	0.0323
rs7978758	T	0.0164
rs73047256	T	-0.0504
rs7308274	A	0.0276
rs17815510	C	-0.0158
rs140672587	A	-0.0286
rs275769	T	-0.0148
rs3847690	C	0.0178
rs4964918	T	-0.0225
rs494330	A	0.0694
rs12423734	T	-0.0992
rs79790419	C	-0.0275
rs7301614	C	-0.0157
rs937767	T	-0.0147
rs714324	C	0.0191
rs11067247	T	0.068
rs2856329	T	-0.0199
rs113764840	A	-0.0595
rs12579036	G	-0.0195
rs138321152	A	0.0872
rs61929512	A	0.0318
rs144507293	C	0.0584
rs11170042	G	-0.0183
rs3882932	C	0.0568
rs11054978	T	0.0178
rs11612127	T	-0.0961
rs10843919	C	0.0146
rs10161333	C	0.017
rs117017853	T	-0.062
rs117457004	C	0.0916
rs11614892	T	0.0605
rs139350413	T	0.0403

rs12423279	G	-0.0449
rs997200	C	-0.0134
rs10859918	T	-0.0231
rs11058835	C	0.0129
rs75802497	A	-0.0343
rs11613613	A	0.0463
rs11614108	T	0.0265
rs2900420	A	-0.0171
rs12812183	A	-0.0199
rs11831213	T	0.0642
rs1003939	G	0.0154
rs73103999	C	-0.0655
rs79106123	G	0.0659
rs2540120	C	-0.0271
rs7306993	T	0.0244
rs141961329	G	0.0906
rs11049707	A	-0.0314
rs2120734	G	-0.0893
rs34955937	A	0.0174
rs2900485	T	0.0471
rs10778631	C	-0.0143
rs715120	T	-0.0139
rs75152930	C	-0.0547
rs7316401	A	0.0285
rs2369464	C	0.0258
rs55791404	C	0.0975
rs17781792	C	0.0595
rs78211484	C	-0.036
rs79825905	A	-0.0474
rs10849968	A	-0.0148
rs12424012	T	-0.0389
rs140391987	G	0.076
rs118073656	C	0.0501
rs2364154	A	-0.0171
rs78884307	T	-0.039
rs61944774	A	-0.0356
rs141491706	T	0.0554
rs2010655	C	-0.0133
rs12814862	C	-0.0635
rs79347782	T	0.02
rs144817954	A	-0.0611
rs78260592	T	0.0424
rs116877351	T	-0.0579
rs150279052	A	0.0588
rs73202428	T	0.0306
rs12228128	C	-0.0323
rs12309664	C	0.0642

rs35140619	G	-0.0404
rs7956915	A	-0.0142
rs35742897	C	-0.0197
rs2544043	G	0.0475
rs11110523	T	-0.0428
rs78343031	G	-0.0921
rs75655288	T	-0.0641
rs10770513	G	0.0154
rs141320767	A	-0.0681
rs75023727	A	0.0778
rs2448063	T	-0.0162
rs12813390	C	-0.0413
rs113871195	C	0.05
rs11065983	A	0.1008
rs12582908	T	0.0253
rs117762418	C	-0.0715
rs137917150	T	-0.0291
rs1875137	G	0.0146
rs3741829	T	0.0136
rs12230765	G	-0.0251
rs6538752	T	0.0204
rs41304351	C	0.0624
rs9669718	C	0.0253
rs7962446	G	-0.0145
rs11610592	G	0.0257
rs4964619	T	0.0334
rs139786614	A	-0.0557
rs34031102	G	0.0211
rs143727610	A	0.063
rs11067490	C	-0.0163
rs80355987	T	0.0459
rs56235234	C	0.0213
rs117694152	C	0.0678
rs12371492	A	-0.0436
rs113868317	T	0.0964
rs114607250	A	0.1015
rs74072809	G	0.0609
rs10492263	A	0.0165
rs61926893	T	-0.0306
rs61940195	G	0.0477
rs2240894	A	0.0131
rs76829083	T	-0.0224
rs17111900	C	0.0176
rs12810725	T	0.0259
rs147868926	G	-0.0644
rs61936982	A	0.0248
rs7301402	A	0.0143

rs11064432	G	0.0526
rs77255906	A	-0.0445
rs73104008	T	-0.0651
rs1274536	C	-0.0276
rs67685846	A	-0.0186
rs7299395	A	-0.0503
rs57893833	T	0.0295
rs73044606	A	0.0502
rs148689957	A	-0.0609
rs74240149	A	0.0447
rs7309820	A	0.0217
rs112822931	T	0.1104
rs77493783	G	-0.033
rs76307937	T	0.0359
rs12824103	T	0.0172
rs117595378	G	0.0327
rs75036729	T	0.094
rs1480010	T	0.0164
rs74679374	G	-0.024
rs12302539	A	-0.0805
rs77500168	T	-0.0386
rs12425217	A	-0.0273
rs73436164	G	0.0254
rs1404288	T	-0.0203
rs61936974	A	0.0232
rs116982170	G	0.0352
rs75874991	G	0.0462
rs901232	T	-0.0238
rs10491958	T	0.0168
rs8192697	T	-0.0211
rs11048433	G	0.0325
rs117166700	C	0.037
rs141349582	A	-0.0949
rs12824798	A	-0.0162
rs11608891	T	0.0156
rs117113983	A	-0.0782
rs79361365	T	0.0688
rs7296917	C	0.0207
rs11246873	C	0.0837
rs118086292	T	0.0607
rs111903793	T	-0.1111
rs118143420	G	0.0326
rs150221733	C	0.0639
rs11109067	A	-0.0589
rs2063614	T	0.0374
rs10840975	A	0.0134
rs28524056	C	-0.0411

rs12296253	G	0.0204
rs11836872	G	0.072
rs61931735	G	-0.0438
rs61927661	T	0.0231
rs75765735	G	0.0717
rs76385173	A	-0.0382
rs11068095	A	-0.069
rs35990721	A	-0.0347
rs79409162	C	0.0571
rs74970284	C	-0.0829
rs150538368	C	0.0765
rs2036772	C	0.0161
rs116860269	C	0.0454
rs141253015	T	0.0358
rs73236505	A	-0.0412
rs112706806	T	-0.0572
rs1183180	G	-0.0131
rs11065764	C	-0.0693
rs7298912	C	-0.0143
rs686987	T	-0.0436
rs1490888	C	-0.0669
rs7296695	C	0.0153
rs75313396	G	-0.0823
rs12321570	C	-0.0311
rs73226103	G	-0.0455
rs1844915	T	0.0344
rs12816011	A	0.0175
rs138820403	C	-0.1028
rs35136470	G	0.0574
rs10846187	C	0.0136
rs56030365	T	0.0145
rs80033577	C	0.0323
rs111871212	T	-0.0405
rs7953027	A	0.0203
rs12302452	A	-0.0198
rs77832845	G	-0.0582
rs61228923	G	0.0482
rs73223876	A	0.0129
rs75651024	A	0.0896
rs151096020	T	-0.0385
rs145992193	T	0.0834
rs4415853	G	-0.0814
rs11615916	G	-0.0189
rs4767938	C	-0.0132
rs4980931	G	-0.0151
rs2254827	T	-0.0176
rs73070167	C	-0.0476

rs7978993	A	0.0192
rs117328080	T	0.0453
rs73190128	G	-0.0546
rs73235113	T	-0.0315
rs1079575	T	-0.0198
rs117891592	T	-0.0786
rs74772619	C	-0.0289
rs77159100	G	-0.0232
rs7133594	T	-0.0156
rs55908837	T	0.0543
rs11054973	T	-0.0363
rs12320389	T	-0.0427
rs12368877	A	-0.0149
rs147285094	T	0.0597
rs78542180	T	-0.0954
rs4763808	C	0.0246
rs116898171	C	-0.0718
rs11061546	T	0.0202
rs2717434	G	0.0148
rs7964507	T	-0.0152
rs139476284	A	0.0502
rs7974704	T	-0.03
rs140272193	G	-0.0547
rs73062703	G	0.0169
rs11055421	T	-0.0176
rs16929277	G	0.056
rs144711553	T	0.0692
rs144355242	A	0.0767
rs112059524	A	0.0447
rs12371387	G	0.0819
rs112738762	A	-0.0297
rs10876175	A	-0.0256
rs74651633	T	-0.0578
rs11047479	T	0.016
rs117262741	A	-0.0607
rs759475	T	-0.0313
rs77516149	T	0.0992
rs7303227	A	-0.0529
rs3851667	C	-0.0201
rs77645660	A	-0.0277
rs61929686	G	0.0221
rs10773524	T	-0.0198
rs143173736	C	0.0621
rs74726803	A	0.0401
rs7964773	G	-0.0304
rs2053628	T	0.0165
rs113857818	A	0.0504

rs118101907	A	-0.0551
rs1861870	C	0.0131
rs111626353	T	0.0918
rs34879513	T	-0.0196
rs73061790	A	0.0143
rs144571867	C	-0.0904
rs7307123	C	-0.0798
rs4765321	C	-0.0141
rs7971866	T	0.0156
rs11183732	A	-0.0565
rs297937	G	0.0192
rs474748	G	0.0163
rs663247	A	0.0525
rs11044917	T	0.0357
rs146457244	T	-0.0565
rs2037744	A	-0.02
rs12832693	G	0.0206
rs76040610	A	-0.035
rs2270134	A	0.0129
rs143705289	C	-0.0372
rs34512620	T	-0.0391
rs117062324	G	-0.0985
rs148384881	C	-0.053
rs118096658	A	0.0387
rs77834980	A	0.0381
rs79496956	C	-0.019
rs12311520	A	0.0158
rs61943667	T	-0.0893
rs139566522	A	-0.0743
rs12816474	C	-0.103
rs11063947	C	-0.0148
rs11104439	A	0.022
rs2388965	T	0.0315
rs17108605	G	-0.0425
rs11246826	C	-0.0215
rs7135991	T	-0.0141
rs75045438	G	0.0453
rs75486437	A	0.0226
rs7295739	C	0.0715
rs6486821	C	0.0235
rs12820598	T	0.0271
rs12368283	C	0.0697
rs11115899	G	-0.0287
rs11043299	T	-0.0183
rs4764001	T	-0.023
rs76982571	C	-0.0781
rs2166953	A	0.0155

rs77867197	A	-0.1198
rs7962631	T	0.0212
rs74955639	C	-0.0405
rs148569924	G	-0.0846
rs61922663	T	-0.0241
rs112629456	G	0.0394
rs657463	T	-0.014
rs10843048	G	-0.0157
rs35561777	T	0.0415
rs61924971	C	0.0392
rs12423554	G	0.014
rs2268105	T	0.0238
rs12831411	C	-0.0237
rs11054970	T	-0.0171
rs138162610	T	-0.06
rs35481774	A	-0.0196
rs12809841	C	-0.043
rs1879417	C	-0.0129
rs79195650	G	-0.1019
rs2291615	A	0.0171
rs4393415	G	0.0154
rs12580251	T	-0.014
rs10861550	A	0.0138
rs73213453	T	-0.032
rs74059905	T	0.0535
rs73191140	C	-0.0671
rs7305267	C	-0.0208
rs17402927	G	-0.0676
rs141010491	C	0.0605
rs1520825	T	-0.0647
rs117997988	A	0.0663
rs111501739	A	0.0527
rs11616157	C	-0.0196
rs11048296	G	0.0287
rs34382786	T	0.0408
rs549948	T	0.0249
rs36094040	C	0.0139
rs56356157	T	-0.0254
rs6490026	G	0.0129
rs113391964	A	-0.0881
rs117167441	T	0.0669
rs148004790	A	0.0554
rs244502	C	0.0147
rs147345252	G	0.0504
rs60515876	G	0.0895
rs74739243	C	0.0567
rs12829941	T	-0.0364

rs10846351	T	-0.0391
rs58045008	G	0.0327
rs79899792	G	0.0977
rs2926800	T	-0.0234
rs2011134	T	-0.0139
rs6490114	T	-0.0268
rs73080195	A	0.045
rs11059084	G	0.0158
rs215227	A	-0.0143
rs57468930	T	-0.0451
rs148223317	T	0.0815
rs117753329	G	0.0385
rs17460744	A	-0.0616
rs11182882	G	0.0189
rs7299725	T	0.0592
rs11046610	T	0.0174
rs11108491	A	0.0152
rs1300085	G	0.0269
rs71454104	G	0.0565
rs11168644	C	0.0451
rs11608858	G	0.0467
rs116846970	T	-0.0574
rs112177944	G	0.0626
rs73191162	T	-0.0596
rs10850576	T	0.0582
rs12367293	G	-0.0185
rs1909143	T	0.0139
rs79883211	T	0.0618
rs4628738	A	0.0215
rs117399247	C	-0.0512
rs12318401	C	-0.0535
rs111428231	A	-0.0691
rs59528239	A	-0.0334
rs986658	C	-0.0557
rs12318714	T	0.0202
rs75028921	G	0.0233
rs4907417	A	-0.0145
rs11064513	T	-0.0274
rs4762043	A	0.0436
rs6581511	G	0.0336
rs77983275	A	-0.0449
rs10849913	G	-0.0145
rs1947021	G	-0.0153
rs7296646	C	0.063
rs278995	C	-0.0455
rs73215839	T	-0.0372
rs925462	C	0.0164

rs117848363	C	0.0499
rs73119236	C	-0.0557
rs12371704	A	0.0275
rs11613077	T	0.0256
rs2239090	C	0.0641
rs111960832	T	-0.077
rs10505728	A	-0.0473
rs150627923	G	-0.0662
rs76548853	T	-0.0731
rs140644058	G	-0.0447
rs877554	T	0.0125
rs151301264	G	-0.0806
rs75761974	C	0.0416
rs74576527	T	0.0506
rs2625083	G	-0.0453
rs11044473	A	-0.0188
rs111961633	C	-0.0698
rs117192951	A	-0.0326
rs6486740	A	0.0131
rs112892522	A	0.0377
rs73200346	T	0.0541
rs112426107	T	-0.0774
rs73093013	T	0.0418
rs12317455	A	-0.017
rs11048402	A	-0.024
rs10861330	A	0.0126
rs2393326	T	0.0155
rs345653	T	-0.0238
rs117721228	A	-0.0436
rs735688	T	0.0988
rs11050426	C	0.0186
rs141157545	C	0.0484
rs73183995	T	-0.0919
rs1916335	A	-0.0148
rs4354731	G	-0.0146
rs117134462	T	0.0366
rs139707509	A	0.0559
rs11067981	A	-0.0191
rs11614803	A	0.0573
rs11054688	G	-0.0244
rs17813281	A	-0.031
rs80121045	A	0.0439
rs79008615	T	0.0644
rs117229933	A	-0.0627
rs140902750	G	0.0678
rs71468225	A	-0.0339
rs73100836	A	0.0419

rs2077367	A	0.0248
rs7137328	A	0.0594
rs76979817	T	-0.0332
rs10851059	C	-0.0144
rs7308738	T	-0.0319
rs4913480	A	0.0172
rs6489171	G	-0.0133
rs75617033	A	-0.0474
rs10877214	C	-0.0149
rs75693952	T	-0.0893
rs7138524	C	0.0434
rs1082317	G	-0.0241
rs10492086	G	-0.0158
rs10751691	C	0.0331
rs77314183	A	0.0689
rs141697432	A	-0.0667
rs951354	A	0.0319
rs112635069	T	0.0343
rs10860948	G	0.0127
rs12312623	A	-0.0336
rs10773712	C	-0.0366
rs80318173	G	0.0653
rs56344966	A	-0.0143
rs116096268	G	0.0585
rs60021223	C	0.0308
rs6489703	A	-0.0289
rs1579997	G	-0.0166
rs17044955	A	-0.0276
rs77354885	T	0.0766
rs7973711	T	-0.0313
rs74343147	T	0.0796
rs77355202	C	-0.0815
rs147080532	T	0.049
rs1862026	T	0.0132
rs79389917	C	-0.0837
rs7133991	A	-0.0145
rs144327412	A	-0.0781
rs117665679	G	0.0931
rs111850898	A	-0.0668
rs17836356	A	0.0181
rs61937193	T	-0.1134
rs1534387	C	-0.0252
rs112874949	C	-0.049
rs118138449	G	-0.0588
rs61925707	T	0.031
rs741365	T	-0.0169
rs138082772	T	-0.0249

rs118000679	G	-0.0433
rs4764074	A	-0.0124
rs10878494	T	0.0165
rs928936	T	-0.0127
rs2117778	C	0.0441
rs1167052	T	0.0125
rs144737017	T	-0.0412
rs76081993	G	0.0296
rs470552	T	0.0191
rs12826711	G	-0.0296
rs77044377	G	-0.0825
rs3847765	G	0.0277
rs10844437	A	0.0129
rs117520978	A	-0.0862
rs116852362	T	-0.0234
rs10732599	A	-0.0227
rs201404	T	0.0166
rs16935010	G	-0.0266
rs7976292	G	-0.0137
rs78100021	A	-0.0785
rs12309594	G	-0.0123
rs79675814	A	0.0476
rs11054653	A	-0.0255
rs78821536	A	-0.0281
rs11168980	C	-0.0173
rs116996532	A	0.0562
rs11068480	A	-0.0143
rs10492070	G	-0.0205
rs45572941	T	0.082
rs3759177	C	0.0154
rs12582249	A	0.0151
rs4072978	C	0.0139
rs1072577	A	0.0139
rs7136010	C	0.0228
rs75187342	T	0.0326
rs145981262	A	0.0625
rs3782672	G	0.0148
rs117480581	A	0.0316
rs75142458	C	-0.0767
rs11048847	T	-0.086
rs79284840	A	-0.0498
rs116951124	C	0.0646
rs146946871	A	0.094
rs113079133	T	-0.0971
rs55952731	T	0.0679
rs4765951	T	-0.0237
rs140232086	G	-0.1016

rs35553305	G	-0.075
rs1513294	T	-0.0879
rs28659869	A	0.0309
rs79870102	G	-0.0812
rs148580585	C	-0.0554
rs150737155	A	0.0616
rs141096656	C	-0.0434
rs7305931	G	-0.0146
rs12823286	A	-0.0681
rs10861428	G	-0.0122
rs11068174	G	-0.0645
rs12315041	A	0.015
rs147029295	A	0.0719
rs140408312	C	-0.0772
rs146830932	T	-0.114
rs7963916	A	-0.0244
rs2054677	T	-0.0123
rs118052926	A	-0.0425
rs7970697	C	-0.0407
rs11106623	T	0.0139
rs681867	G	0.0172
rs78899782	T	0.0427
rs148373616	T	-0.0751
rs2633414	T	0.0135
rs11059688	A	0.0185
rs11056734	A	0.0176
rs12372290	A	0.0685
rs146600962	G	0.0944
rs1901240	G	0.0119
rs11068746	G	0.0128
rs61929189	A	0.059
rs11053099	C	-0.0134
rs79743991	G	-0.0598
rs117114551	T	0.0725
rs73427738	T	0.0444
rs73127304	C	-0.067
rs147826680	T	-0.0917
rs2042726	A	0.013
rs141333358	G	-0.0684
rs66473965	A	0.0191
rs78880425	G	0.0388
rs1894791	A	-0.0138
rs17670780	G	0.0384
rs1488058	C	0.0227
rs61911985	G	-0.0547
rs4514476	A	0.0282
rs7961452	A	0.0401

rs61946471	G	-0.0647
rs11181170	T	-0.0165
rs10841514	G	-0.034
rs3093736	A	-0.0366
rs1489082	C	-0.0156
rs117553262	T	0.037
rs60890066	T	-0.0637
rs2727700	T	0.0861
rs11062651	C	0.018
rs143743163	A	0.0906
rs57245068	T	0.017
rs79650471	C	-0.0214
rs10505752	A	0.0159
rs118145179	G	0.0356
rs148680376	A	-0.0735
rs143153363	A	-0.0563
rs56005705	A	-0.0315
rs12809555	C	-0.0175
rs112191960	C	0.0256
rs7960985	G	-0.0226
rs1244084	G	-0.0198
rs117487026	A	0.04
rs11059534	T	-0.0221
rs7303396	C	-0.0131
rs1909169	A	0.0123
rs10879873	T	0.0132
rs117782398	A	0.0514
rs12310760	T	-0.0408
rs146889541	A	-0.0629
rs161714	C	0.0165
rs17325011	C	0.0354
rs141216696	T	-0.0945
rs3741775	C	-0.0121
rs11616159	A	0.0159
rs11613365	C	-0.0183
rs10505757	G	-0.0234
rs73328481	G	-0.0771
rs73187058	A	-0.0175
rs10777338	C	0.0187
rs12049985	A	-0.0242
rs117037316	G	-0.0565
rs150188379	A	0.1076
rs79298107	C	-0.0912
rs865379	A	0.0203
rs10850889	C	0.014
rs17438129	C	0.0272
rs10847024	G	0.0155

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rs10773831	G	0.0172
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rs34268027	A	0.0764
rs73063248	C	-0.0278
rs74465245	T	0.0327
rs117344691	G	-0.0721
rs12825930	T	0.0246
rs392085	G	-0.015
rs12812393	T	-0.0501
rs4133074	A	-0.0249
rs61923296	A	-0.0224
rs11608329	A	0.0139
rs1427764	A	0.0296
rs71467196	A	0.032
rs115837670	C	0.0492
rs78128982	T	-0.0577
rs78013698	T	0.0673
rs78721334	G	-0.0464
rs11108788	G	0.0282
rs75801600	G	-0.0846
rs150231347	T	-0.0944
rs1526950	A	-0.0189
rs1996640	A	0.0165
rs112188963	T	-0.092
rs61956095	T	-0.0617
rs117315167	A	-0.0599
rs76138259	T	-0.0723
rs10842304	G	-0.0118
rs78005692	C	0.0854
rs7295072	G	0.0203
rs7975532	A	0.0149
rs61907267	G	0.0503
rs7976566	T	-0.0128
rs12300149	T	0.0786
rs116379190	A	0.0566
rs11179534	A	0.0747
rs73390928	C	-0.0162
rs143637126	A	0.076
rs141064255	A	-0.0555
rs144689762	T	0.0615
rs142274923	A	0.0859
rs10774938	T	0.0129
rs1076320	A	-0.0247
rs112804197	G	0.0348
rs1553671	T	-0.0128
rs2708092	G	0.0179

rs75539341	G	-0.0378
rs61219280	A	-0.0215
rs59579344	G	0.0697
rs67480136	A	-0.0164
rs12825170	T	-0.0138
rs7298384	G	0.0895
rs61254002	C	-0.0175
rs16932783	A	0.0378
rs6580869	G	-0.0137
rs147255199	T	0.0756
rs838883	T	0.0324
rs74808095	A	0.0502
rs73202441	T	0.048
rs117686631	A	-0.0926
rs144836853	A	0.113
rs34214242	G	-0.0286
rs117180518	A	-0.0507
rs10846137	A	-0.0118
rs11051129	G	-0.0513
rs2860083	G	-0.0193
rs78933627	T	-0.0458
rs7307876	G	-0.0187
rs146739938	T	-0.0486
rs140527345	C	0.0368
rs73409923	G	0.0825
rs35430	A	-0.0131
rs7962235	C	-0.0125
rs74415361	T	-0.053
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rs17728930	G	0.0195
rs58782254	A	-0.0157
rs73216358	C	-0.0548
rs11053942	T	0.0186
rs61934103	G	0.0223
rs113440422	G	-0.0707
rs17042174	T	-0.0775
rs74959053	T	-0.0282
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rs116172435	C	-0.0268
rs11175284	A	0.0159
rs10507149	T	0.0226
rs1009438	C	-0.0173
rs11111726	T	0.0249
rs11045419	T	-0.0484

rs149841999	T	0.0573
rs145222560	G	0.1111
rs7958289	A	-0.0322
rs7308366	A	-0.0178
rs138521705	T	-0.0366
rs28990727	T	0.0342
rs11175888	G	0.0587
rs2462120	G	0.0223
rs61470271	C	-0.0257
rs142794225	G	-0.0621
rs1392351	G	0.018
rs75450443	C	-0.037
rs4768458	C	-0.0779
rs73126338	C	0.0229
rs117453824	T	0.0406
rs2034483	C	0.0183
rs12366841	G	-0.0179
rs1873633	T	-0.0415
rs7980650	A	-0.0628
rs641529	A	-0.0132
rs117989153	T	-0.0988
rs140961812	A	-0.0401
rs77767789	A	0.0827
rs61928479	A	-0.0317
rs80261950	A	-0.0252
rs61952805	A	-0.0603
rs12832363	T	-0.0183
rs6487042	A	-0.0115
rs150487408	G	0.0835
rs6581124	A	-0.0145
rs10877922	G	0.0206
rs11175485	G	-0.0203
rs147366339	T	-0.0835
rs73141814	C	0.0832
rs143285018	A	-0.0752
rs12818266	T	-0.0532
rs1610177	T	-0.0158
rs17421884	G	-0.0291
rs17175340	T	0.0192
rs10783332	C	0.0172
rs117330813	A	0.0743
rs772735	A	-0.013
rs118158521	T	0.0746
rs35979828	T	0.0236
rs12812605	A	-0.0253
rs148106022	A	-0.0438
rs76494168	T	0.0426

rs79518888	A	0.0649
rs12296462	A	-0.0379
rs2365090	A	-0.0308
rs17759887	T	0.0188
rs4499057	T	-0.0672
rs2291974	A	-0.0162
rs73203820	A	0.0485
rs76515736	A	0.0458
rs17249481	G	0.0446
rs1700376	T	0.0153
rs1450981	C	-0.0144
rs61941200	T	-0.059
rs113654797	T	-0.0743
rs145105416	T	0.0705
rs117913411	A	-0.0387
rs61330931	A	-0.023
rs2287541	G	0.024
rs701039	G	-0.0195
rs117578217	A	-0.0522
rs141676775	C	0.0824
rs7955184	C	0.0478
rs117935971	T	0.0618
rs1674103	A	0.0225
rs117356039	G	0.0759
rs76588801	T	-0.035
rs78075489	T	0.109
rs12427251	A	0.0137
rs117913959	A	0.0287
rs71537693	T	0.0166
rs74064706	G	0.0437
rs117562055	A	-0.0764
rs117103665	C	-0.0761
rs144536957	G	-0.0807
rs3809316	G	-0.0128
rs117314570	C	-0.0397
rs55927238	G	-0.0458
rs2896826	A	0.0132
rs1185198	A	0.0213
rs10846259	T	0.0133
rs80214251	G	-0.1189
rs11564161	T	0.0239
rs74634576	A	-0.0509
rs74792936	T	-0.0265
rs2239158	T	-0.0211
rs76774132	A	0.0434
rs3217858	T	0.0382
rs704226	T	0.0166

rs149213142	T	-0.0335
rs17045175	C	0.0584
rs117319545	A	0.0534
rs78123962	G	0.0244
rs141733936	T	-0.0803
rs73213225	A	0.0381
rs17747199	A	0.016
rs7971302	T	0.0132
rs17777940	G	0.0903
rs55642886	T	-0.0198
rs140690149	T	0.0592
rs3885012	G	0.024
rs77745131	A	0.0476
rs11180440	C	0.0163
rs12308116	G	0.0258
rs75635052	G	-0.0698
rs1829825	A	-0.0769
rs117999098	A	0.0666
rs12820159	T	-0.0563
rs9332876	C	-0.0366
rs2089975	A	0.015
rs139942895	A	0.0529
rs117922850	C	-0.0353
rs17110323	T	0.0536
rs11106565	C	0.0146
rs4761528	C	-0.0172
rs118013161	A	0.0953
rs146804164	T	0.053
rs7970138	A	-0.089
rs76523921	A	0.0301
rs10845664	C	0.019
rs117415811	A	0.0503
rs118119462	G	0.063
rs138157530	A	-0.0608
rs117507892	A	-0.0702
rs76035880	T	0.028
rs137977097	G	0.072
rs116789485	A	0.0698
rs7136892	A	0.0146
rs71449828	G	-0.0435
rs11610688	T	0.0129
rs923078	T	-0.0291
rs139365452	T	-0.0496
rs3912631	C	0.0137
rs78279323	A	-0.0539
rs4627140	A	-0.0128
rs73070000	T	0.0267

rs11107694	A	0.0261
rs74781448	A	-0.0593
rs111649229	G	0.0518
rs2912750	T	0.0129
rs12824679	A	0.0626
rs4435061	A	0.0127
rs74062772	G	-0.0429
rs907352	G	-0.0259
rs74902462	T	0.0685
rs1376990	A	-0.0214
rs61924413	A	-0.0832
rs597785	A	0.0123
rs7134589	T	-0.0116
rs34035453	A	-0.0367
rs12302615	A	-0.0395
rs117404024	A	0.0424
rs7957181	G	-0.0316
rs7964332	T	0.0133
rs73076454	A	-0.0224
rs74371972	G	0.022
rs11613646	T	-0.1226
rs886941	T	0.0215
rs111244665	T	-0.0204
rs11610799	C	-0.0217
rs253802	G	-0.0161
rs79286704	T	0.0331
rs6581512	A	0.0216
rs11524933	A	0.0305
rs35501619	A	0.0145
rs6489314	G	0.0124
rs139736025	A	-0.0408
rs139966291	G	0.0417
rs74955195	A	-0.0499
rs145750572	A	0.0349
rs17683246	G	-0.0398
rs7299880	T	0.02
rs151235842	T	-0.0634
rs1163917	T	0.0121
rs34853796	T	-0.0135
rs378862	G	0.0121
rs4603386	C	0.0169
rs75543436	A	-0.03
rs11046721	G	0.0258
rs10842232	A	-0.0169
rs36103235	G	-0.015
rs73043559	C	0.0419
rs4630340	C	0.0116

rs11062241	T	0.0519
rs151012883	A	-0.0802
rs10847022	G	0.0166
rs12426941	A	-0.0187
rs297941	G	0.0121
rs76762850	C	-0.0348
rs113426869	T	0.0869
rs11611143	C	-0.0586
rs1379513	T	0.0154
rs4140777	C	-0.0596
rs7132914	T	-0.0407
rs147101789	A	-0.1113
rs11057692	G	-0.0146
rs61919472	A	-0.0416
rs11061812	A	0.0183
rs117538777	C	-0.0573
rs11044946	T	-0.0242
rs79203018	C	-0.0567
rs75230856	C	-0.0475
rs7968902	T	-0.012
rs116510496	C	0.0793
rs142298405	T	0.0497
rs113675667	C	0.0663
rs12228812	A	-0.0353
rs10732585	G	0.0242
rs73152059	T	0.0465
rs12320096	G	-0.0136
rs79135108	T	-0.0365
rs117769460	C	0.0986
rs10860700	C	0.0151
rs73165604	T	-0.0504
rs2014116	C	0.0129
rs139819356	G	0.103
rs146475551	T	0.0394
rs2052738	A	0.0122
rs1262402	T	-0.0126
rs77646191	G	0.0504
rs145473038	A	-0.0802
rs143070721	T	-0.0577
rs4625560	T	0.0454
rs79917565	G	-0.0796
rs75130342	T	0.0981
rs7311528	C	0.0147
rs75436938	C	-0.0197
rs76031115	C	0.0551
rs4765771	C	0.0136
rs7300328	T	0.0194

rs78264382	C	0.0386
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rs12298685	T	-0.0159
rs763608	C	-0.0114
rs11168935	T	-0.0232
rs874389	C	0.0115
rs61085645	T	-0.0183
rs111393687	A	-0.0247
rs75874633	T	-0.0514
rs73062424	A	-0.0431
rs75587126	T	0.0645
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rs7296130	T	0.0151
rs35299693	G	-0.0487
rs1275551	T	-0.0256
rs73281496	C	0.0436
rs28999107	T	-0.0142
rs118069294	A	0.0763
rs118140185	G	0.0587
rs4765996	C	0.0214
rs76811966	A	-0.0425
rs79613664	T	-0.0314
rs140278138	G	0.0566
rs73314241	T	0.0613
rs1027401	G	-0.0115
rs17300728	C	-0.0796
rs56138825	G	-0.0191
rs117865109	A	-0.081
rs74474998	T	0.0126
rs34203965	T	0.0386
rs150443545	T	-0.0703
rs75422105	C	-0.0384
rs9804703	G	-0.0149
rs570644	G	-0.015
rs73092038	C	0.0794
rs118003165	T	-0.0756
rs10082803	A	-0.016
rs78562302	G	0.0804
rs57902222	T	-0.0158
rs149973408	C	-0.0601
rs11615674	T	0.0221
rs138111392	T	0.0688
rs73216997	A	0.0503
rs73084611	A	0.0242
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rs71469776	C	-0.041
rs79156128	T	0.038
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rs2360648	G	-0.031
rs75922794	G	0.0549
rs2203027	T	-0.0113
rs10860878	T	0.0152
rs11114066	A	0.0137
rs78804337	A	0.0498
rs12302850	A	-0.0518
rs112527063	T	0.0429
rs1497259	G	0.0117
rs61932682	G	-0.0245
rs145229739	A	0.0501
rs111600767	T	0.0223
rs61939990	A	-0.0147
rs12819276	G	-0.0125
rs56259586	C	0.0618
rs55714654	C	0.0515
rs34975077	T	-0.0381
rs148959667	G	-0.0789
rs61910002	C	0.0812
rs150068593	C	-0.0805
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rs17227325	A	0.0646
rs76737918	G	0.0219
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rs73173953	C	0.0276
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rs3924901	A	-0.016
rs804441	T	0.013
rs11613525	T	-0.0214
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rs837468	C	0.0158
rs2239089	A	0.0116
rs79101313	A	-0.0638
rs11043318	C	0.0357
rs241965	A	-0.0124
rs11064116	G	0.0315
rs16931437	G	-0.0174
rs12425617	T	0.0117
rs4465437	T	0.0169
rs117602465	G	0.0571
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rs11107245	A	0.0165
rs1863905	G	0.0156
rs112571053	A	0.029
rs35080156	T	-0.0592
rs78655609	A	0.0194
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rs822800	G	0.0135
rs118087100	G	0.0633
rs146238395	A	0.0496
rs17788859	G	-0.0154
rs4331167	C	0.0127
rs7136504	C	0.0138
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rs2198969	C	-0.0174
rs139831883	T	-0.0262
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rs17028546	G	0.0693
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rs6488987	C	0.0129
rs17765360	G	0.0132
rs12315905	G	0.0439
rs77949799	G	0.0404
rs76545764	C	0.0501
rs78743773	A	0.0395
rs75253159	G	0.0377
rs7303730	G	0.012
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rs7969584	G	-0.0113
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rs11108525	T	-0.0323
rs34326180	T	0.0193
rs111575734	G	-0.0404
rs12303833	G	0.0125
rs11062544	C	-0.0185
rs12316815	C	-0.0176
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rs2198787	A	0.0404
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rs470506	A	-0.0124
rs111682268	A	-0.0831
rs113448194	A	0.0511
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rs1874429	G	-0.0127
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rs111865680	A	-0.0379
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rs11611173	A	-0.0239
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rs11069218	C	0.0149
rs75278212	T	0.0276
rs7295904	T	0.0214
rs34291586	A	0.0149
rs9988925	G	0.0115
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rs73046344	C	0.0672
rs3794240	A	0.0137

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rs10860911	A	0.019
rs7135558	G	-0.0165
rs15556	G	0.0136
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rs35814257	A	-0.0219
rs73223504	A	-0.0652
rs118124240	T	-0.0332
rs117371452	C	0.0562
rs7308103	C	-0.0136
rs7968544	G	0.0191
rs10845398	T	-0.026
rs17105179	T	0.0532
rs12367716	T	-0.0285
rs11055487	C	-0.0241
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rs117576445	G	0.0549
rs11536207	A	0.0364
rs11047037	G	-0.0389
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rs111873468	G	0.0629
rs117479107	A	-0.0431
rs2058778	G	0.0168
rs12580740	T	-0.0269
rs78487415	C	-0.0563
rs73051015	T	0.0528
rs75287613	A	-0.088
rs114003993	T	0.0555
rs138017206	T	0.0343
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rs10744513	T	-0.0669
rs3910853	T	0.0186
rs74563001	A	-0.0569
rs11114299	G	-0.0279
rs78041153	G	0.0501
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rs978341	T	0.0172
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rs470404	C	0.0261

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rs7967037	C	-0.0148
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rs147537062	A	-0.0786
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rs76384712	C	0.036
rs113871052	T	0.0512
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rs2520550	A	0.0133
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rs4831954	G	-0.0161
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rs75317905	A	0.016
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rs6581543	G	0.0113
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rs1385375	C	0.0139
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rs901837	T	-0.0134
rs7305813	C	0.0181
rs11564281	A	-0.0171
rs117960644	A	-0.0897
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rs17331210	G	0.0273
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rs146047416	T	-0.0306
rs2069086	G	-0.019
rs61935371	G	-0.0493
rs117592595	C	0.055
rs77658245	T	0.0495
rs61937898	T	-0.0227
rs77164738	C	0.0192
rs10878322	C	0.0236
rs146400306	A	0.0389
rs10848665	C	-0.0146
rs7297184	C	-0.0263
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rs77252023	A	-0.0581
rs76016824	T	0.0551
rs7305226	A	-0.0316
rs112316293	A	0.0494
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rs1731545	C	0.0125
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rs715167	G	0.0108
rs35461485	A	0.0319
rs34186966	G	0.0359
rs75991028	C	-0.0666
rs143432184	C	-0.037
rs74975546	A	-0.0406
rs7959098	C	-0.0499
rs143437310	A	0.0571
rs11064925	A	0.0112
rs117807959	G	0.0631
rs73129983	C	0.0485
rs61936746	G	0.0232
rs17768145	G	0.0339
rs118114859	A	-0.0762
rs12367803	G	0.0243
rs7315097	G	0.0136
rs76975379	A	-0.0346
rs11112075	A	-0.0322
rs10744173	A	-0.013
rs1994474	C	0.011
rs117246379	G	-0.0448
rs11177595	C	-0.0507

rs139419964	T	0.0664
rs11045913	A	0.0109
rs61941641	C	0.0871
rs1698855	C	-0.0183
rs77163942	T	0.0991
rs68105025	G	0.0579
rs337676	G	0.037
rs11608281	A	0.0218
rs115558197	A	-0.0674
rs2700151	C	-0.0156
rs12822442	G	0.0139
rs57316347	G	0.0115
rs117829917	A	-0.0492
rs4760607	G	-0.0214
rs113623172	T	-0.056
rs7307887	C	-0.0151
rs4882764	G	0.0116
rs1103035	C	-0.0131
rs4269988	A	0.0118
rs1252445	G	-0.0444
rs61923149	G	-0.0472
rs7297482	T	0.0153
rs11065519	C	0.024
rs876643	T	0.0126
rs78036990	T	0.039
rs1574315	C	0.0626
rs10878903	C	-0.0115
rs56266228	A	0.0201
rs17785372	A	-0.0493
rs61441341	T	0.0409
rs11174267	G	0.0112
rs11108046	C	0.0207
rs12367731	C	0.0338
rs115678109	A	0.0581
rs10744433	A	0.0127
rs77304919	T	0.0391
rs1242999	G	-0.0222
rs143877583	G	-0.0642
rs1840083	T	-0.0155
rs73130978	T	0.0215
rs147840763	A	0.0616
rs34585	A	0.0266
rs4388939	G	-0.0216
rs141682365	G	-0.0536
rs61917619	C	-0.0117
rs61933466	G	-0.062
rs139255873	G	0.0647

rs2727718	G	-0.0209
rs10491966	T	0.017
rs33962952	T	0.0309
rs59148775	A	0.0289
rs11055297	A	-0.0125
rs146092169	A	0.0735
rs324015	T	-0.013
rs73134075	A	-0.0485
rs112248730	C	-0.0497
rs7961806	A	0.0572
rs112281161	C	0.0365
rs399018	A	-0.0196
rs115492784	A	-0.0537
rs4762661	C	-0.0157
rs11065054	T	0.0368
rs2058821	C	-0.013
rs74055529	C	0.0768
rs34858644	T	-0.072
rs117734888	A	-0.0433
rs1498690	A	-0.0664
rs249182	G	-0.0473
rs11067502	C	-0.0551
rs3863381	G	0.0147
rs3962536	G	0.0165
rs76525859	T	-0.0449
rs77257630	G	-0.0642
rs10773989	T	-0.0112
rs145406238	T	0.07
rs7297662	A	-0.0118
rs7294402	G	0.022
rs6581244	T	0.0489
rs34911076	A	0.0247
rs55733287	A	-0.0155
rs144574211	G	-0.0727
rs113955527	A	-0.0277
rs113269425	A	-0.028
rs2445431	C	0.0676
rs150207620	T	0.0313
rs147654565	A	-0.0428
rs12422865	A	-0.0351
rs1961649	T	-0.0159
rs73207908	T	-0.0526
rs111750990	C	-0.0698
rs75020026	T	0.0369
rs116947138	A	0.0871
rs73289733	T	0.0441
rs74082063	T	0.0184

rs143999261	A	0.0743
rs7314994	A	-0.0117
rs1144948	A	-0.0319
rs7298858	C	0.0167
rs1248039	A	0.018
rs141486754	T	-0.0481
rs4765497	G	-0.0131
rs73217756	A	-0.0811
rs145242567	T	-0.0472
rs150116216	A	-0.0713
rs1283812	G	0.0139
rs73066451	A	-0.0479
rs75360616	A	0.0426
rs116915717	C	-0.0748
rs2956705	C	-0.0129
rs12580914	T	-0.0128
rs7962052	G	-0.0482
rs140598333	A	-0.0601
rs73340830	C	0.0188
rs139350905	C	0.0428
rs9520713	A	-0.0778
rs1018597	C	0.2274
rs1218788	A	0.0858
rs116964464	T	0.2329
rs61957302	T	0.192
rs144265943	C	0.2503
rs145908562	G	0.3145
rs3011479	A	0.069
rs7981577	C	-0.0739
rs45495899	C	-0.2666
rs7323110	A	0.1374
rs1011611	C	-0.0839
rs7986780	C	-0.0959
rs55804230	A	-0.1068
rs7339051	C	-0.0779
rs142317527	T	-0.2576
rs4771110	G	-0.0704
rs9598226	G	-0.065
rs9543862	G	0.0883
rs612986	A	-0.0613
rs1359946	A	0.0747
rs5744123	T	0.3364
rs34902333	C	0.0899
rs7327331	A	-0.0649
rs144374273	T	0.322
rs77836175	T	0.1011
rs532641	C	0.0753

rs9543643	G	-0.3307
rs9542714	T	0.4132
rs142501328	G	0.3471
rs73449267	T	0.0856
rs2791271	T	-0.0568
rs9524525	G	-0.0574
rs113478374	A	0.0763
rs72644576	G	-0.3255
rs61959259	T	-0.1186
rs111986502	A	0.1201
rs9577315	T	0.103
rs4485211	C	0.094
rs9592444	G	-0.1642
rs117180150	A	0.2954
rs9510242	G	-0.0544
rs9520653	G	0.0642
rs7321531	G	0.0539
rs7324017	T	-0.0636
rs9532494	T	0.0654
rs3989131	A	-0.0552
rs1176286	T	-0.0525
rs17705750	T	-0.0756
rs6491866	G	0.0549
rs7323652	A	-0.0533
rs9562683	A	0.0714
rs150930276	T	0.4887
rs72661770	C	0.081
rs118005698	T	0.2733
rs2230343	G	-0.1046
rs7317689	G	0.3051
rs9560820	G	-0.0564
rs7331792	A	0.1158
rs56029569	T	0.1291
rs143605913	C	-0.3706
rs9316339	G	0.0694
rs9507240	T	0.1583
rs10507641	C	-0.0973
rs4450260	C	0.0521
rs7992347	C	0.0544
rs113343560	A	0.1065
rs706595	G	0.2494
rs9546961	G	0.1094
rs9576469	A	0.0709
rs9526785	A	0.0533
rs34003364	A	0.1512
rs147014069	G	0.2124
rs17693263	T	0.1886

rs9547877	G	-0.0829
rs1467719	G	-0.0566
rs117235878	C	-0.4628
rs66518473	A	0.0725
rs9567099	T	-0.0599
rs626277	C	-0.0505
rs35378188	A	0.0798
rs2993332	G	0.0669
rs7983776	T	-0.0643
rs113897317	A	0.2542
rs931004	T	0.0515
rs2094500	T	-0.0518
rs118069118	T	-0.2053
rs7337911	G	0.0559
rs61950407	A	0.2003
rs9506831	C	-0.0493
rs11619798	C	0.0602
rs144700274	G	0.233
rs9318064	C	-0.0516
rs117190428	C	0.1743
rs78354456	A	-0.1468
rs10492669	C	0.137
rs4633555	C	-0.0676
rs149986875	G	-0.2509
rs11618141	T	-0.1858
rs78132574	A	0.226
rs7337819	G	-0.0608
rs2765760	T	0.0676
rs74513431	C	0.2123
rs9576603	A	0.0874
rs17072788	A	0.2167
rs1614102	C	0.0488
rs73162524	G	-0.271
rs80274080	A	0.0654
rs9555311	A	-0.0487
rs9541201	G	0.1393
rs7334407	C	0.0626
rs78589467	T	-0.2071
rs17284659	T	-0.0841
rs11838592	C	0.4312
rs138628975	A	0.2537
rs9551896	G	0.0512
rs9579388	C	-0.075
rs9511600	T	0.0502
rs9586195	A	-0.0968
rs7981249	G	0.1173
rs9515331	C	0.0607

rs9600555	A	0.0486
rs7324687	C	-0.0632
rs9598223	G	0.071
rs7990733	A	-0.0592
rs9553510	C	0.0477
rs1770356	T	-0.095
rs4408409	G	0.0467
rs7999689	C	0.0568
rs11617852	G	0.1723
rs9585881	A	0.0838
rs2485286	C	0.0648
rs1170097	T	0.2499
rs11839355	A	-0.086
rs73160005	A	0.2989
rs139943690	G	-0.3336
rs138668947	C	0.1803
rs1343188	C	0.0505
rs17566454	A	0.0873
rs73198964	G	0.2165
rs143146489	T	0.1474
rs60460946	T	0.1038
rs9521462	A	0.0553
rs17378723	G	-0.1834
rs157829	T	0.0948
rs9519643	G	-0.1201
rs7326071	A	-0.1207
rs112226797	T	0.1674
rs1970126	G	-0.0528
rs7337652	C	0.057
rs285034	T	-0.0949
rs73456798	G	-0.2214
rs118087779	G	-0.2448
rs9536939	C	0.1484
rs2329135	T	-0.0525
rs146784590	A	-0.2835
rs1504420	C	-0.0602
rs72639874	G	-0.0877
rs74091806	A	-0.0622
rs17586131	C	0.1788
rs4772722	G	-0.0638
rs66709527	C	-0.0605
rs2993273	C	-0.1495
rs11841180	G	-0.0507
rs117102228	A	0.1207
rs2256284	G	-0.0669
rs9553824	C	0.1119
rs11617098	A	-0.0637

rs2768524	C	0.2323
rs4976846	C	-0.0616
rs2329175	C	0.0451
rs2209091	G	0.1321
rs28554147	G	0.0703
rs111329412	T	0.1509
rs7990013	C	0.0593
rs2150228	T	-0.0857
rs12859017	C	-0.0554
rs7998924	C	-0.0615
rs2168687	T	-0.0479
rs145793199	A	0.365
rs583704	A	-0.0626
rs1538225	T	-0.0553
rs112456535	T	-0.3622
rs9582793	G	0.0591
rs1323174	A	0.2505
rs673603	A	0.1081
rs9532388	T	0.0537
rs112616416	G	0.1296
rs4770379	T	-0.0608
rs6561296	C	0.056
rs11843612	A	-0.0843
rs754325	C	0.0508
rs7331957	T	-0.1871
rs76151813	G	0.1028
rs74759738	C	-0.1617
rs543019	A	0.0558
rs55932625	G	0.0817
rs113650764	A	0.18
rs57710580	C	0.1842
rs74114629	C	-0.1542
rs9582905	G	-0.053
rs76290716	T	-0.1201
rs4534694	A	0.2349
rs9645922	G	-0.053
rs9524115	G	-0.0919
rs45505204	G	-0.1334
rs1924632	T	-0.0455
rs142865104	A	-0.1034
rs2312972	C	0.0448
rs2349953	C	-0.0574
rs12870515	A	0.058
rs117848081	A	-0.1204
rs9542617	A	0.0733
rs9560797	G	0.0436
rs139479490	A	0.2457

rs943048	G	0.0725
rs11069293	A	0.0517
rs7336554	C	0.109
rs1414357	G	0.0447
rs10508195	T	0.0641
rs76706918	G	0.1109
rs1290519	C	0.0674
rs9542253	T	0.0456
rs112438176	T	0.2565
rs7990735	G	-0.0635
rs4324041	T	0.0901
rs76027862	T	0.2033
rs9581697	G	0.0491
rs12874122	C	-0.0651
rs12858368	T	0.0956
rs9555537	C	-0.0544
rs6491539	G	-0.0551
rs61965093	T	0.0864
rs78066978	T	0.0959
rs73171530	T	-0.2629
rs9572475	A	-0.0819
rs28436811	G	0.2062
rs3117950	T	-0.0843
rs142128137	A	-0.2843
rs9522932	C	-0.053
rs1811904	A	0.0442
rs912527	G	0.0553
rs61414478	A	0.2546
rs1927393	A	0.0517
rs9542530	C	0.0624
rs17086923	T	-0.0743
rs112184163	A	0.1522
rs9517864	A	0.0545
rs117972743	C	-0.1449
rs11839042	T	0.2374
rs9553146	A	0.0822
rs8002224	A	-0.0587
rs3751434	T	0.1934
rs142137284	T	0.1721
rs9564377	G	0.0752
rs111664405	A	0.2702
rs35825063	G	0.0603
rs1457308	G	0.1666
rs34373446	C	0.1245
rs9571386	T	0.1722
rs141427568	T	-0.2488
rs7997024	G	-0.0713

rs2503687	C	-0.068
rs4943402	G	0.0696
rs1853928	A	-0.083
rs76287812	T	-0.4036
rs17081131	G	0.0475
rs73179213	T	-0.1625
rs117592204	C	0.1851
rs74970087	C	0.0917
rs56413959	C	0.089
rs147547515	A	-0.3219
rs1576646	T	0.0435
rs7334002	C	0.0814
rs2185649	G	0.0446
rs74480403	C	-0.1831
rs9581911	A	0.0656
rs76617048	A	0.1737
rs1974338	G	-0.0635
rs9316182	T	-0.048
rs9583489	T	-0.0474
rs17245404	A	0.1316
rs571564	G	0.0531
rs17078700	A	-0.0917
rs1115871	A	0.055
rs59560414	A	-0.1113
rs12430353	G	0.0436
rs79317015	A	0.1632
rs17082210	T	-0.4034
rs1220601	G	0.0885
rs9520081	T	0.0731
rs116693986	A	0.2877
rs9603429	T	0.0628
rs346578	A	-0.0711
rs76144992	G	0.0476
rs56680496	T	0.0943
rs117279471	G	0.3151
rs76891058	G	0.0794
rs76965483	T	0.1655
rs112701700	T	0.1664
rs9564576	C	-0.0433
rs1373090	C	0.0441
rs28560135	T	-0.2593
rs1927528	A	0.0726
rs9520057	T	0.2103
rs7337808	T	0.0436
rs198565	A	0.2601
rs34993272	A	-0.1022
rs56260004	T	-0.2368

rs6562125	T	-0.0624
rs143920334	G	-0.1297
rs3812841	T	-0.0449
rs7332048	G	-0.0436
rs61950458	C	0.1667
rs73179556	T	0.1356
rs117755160	T	-0.2214
rs17063806	T	0.2444
rs9573476	T	-0.0476
rs2181304	G	-0.0427
rs2146890	A	-0.0582
rs9599524	C	-0.2573
rs7328911	C	-0.0416
rs4772463	C	0.0465
rs118188030	T	-0.1485
rs117007043	T	0.2321
rs61624666	T	-0.147
rs6563492	T	-0.0613
rs61946579	A	0.081
rs112877918	C	-0.1273
rs17069393	C	-0.0521
rs117235647	G	0.3697
rs7983469	G	-0.0415
rs545228	G	0.2334
rs9559183	C	-0.0418
rs35127771	T	-0.0538
rs73154272	C	-0.0719
rs1925058	G	0.0444
rs74433501	G	-0.1109
rs61948304	T	-0.1041
rs141526960	G	0.3024
rs7325233	G	-0.0485
rs9549679	G	0.0461
rs2325295	T	0.1936
rs1930793	C	0.0469
rs55950535	T	0.0756
rs113376190	A	0.1848
rs17533412	G	0.1545
rs9317146	G	0.1108
rs17086609	G	0.0462
rs142560217	T	0.1794
rs7317855	A	-0.2296
rs7990019	G	0.0546
rs9558118	A	0.0651
rs34487937	A	0.0551
rs17069290	G	0.1284
rs117129696	A	0.1676

rs12584168	A	0.0568
rs74095343	T	0.2398
rs34730077	T	-0.1121
rs9538392	C	0.0651
rs74080327	A	0.1353
rs77837766	T	0.1106
rs12877284	A	0.1157
rs7981988	A	-0.0465
rs9599855	C	-0.0881
rs117611651	C	-0.2819
rs113089690	A	0.1605
rs9559455	T	0.0465
rs138505635	C	0.3597
rs11617697	A	0.1336
rs7992940	G	-0.0429
rs117194969	G	0.2153
rs150613371	A	0.2154
rs1570555	G	-0.0471
rs113269896	T	-0.2086
rs984111	A	-0.0432
rs4381447	A	0.0837
rs7325340	G	0.2072
rs9515282	T	0.0467
rs9526538	T	-0.0572
rs4429165	C	0.0406
rs9532680	A	0.1918
rs116953213	T	-0.1829
rs12585032	T	0.0423
rs9572346	C	0.0619
rs79299031	A	-0.1115
rs2070040	A	0.0401
rs9591402	T	0.1477
rs148140411	C	-0.1386
rs9509213	A	-0.0899
rs17504752	T	-0.0705
rs2116998	G	-0.0465
rs117340193	T	0.1897
rs9554728	A	0.0441
rs9555835	C	0.046
rs79125877	A	-0.2519
rs7985265	T	0.1511
rs77610369	A	-0.2012
rs12428837	T	0.046
rs17433719	G	0.0684
rs117265055	A	-0.2047
rs117290941	A	-0.1293
rs9555105	C	-0.0669

rs9552915	A	0.0509
rs79874987	C	0.187
rs12875913	G	-0.0629
rs56186958	A	0.1246
rs9541921	A	-0.0399
rs75990591	A	0.1974
rs149906948	T	0.0413
rs9511484	T	-0.0437
rs117640454	A	-0.2396
rs9550223	T	0.0407
rs117911405	T	0.1509
rs12853957	C	-0.1634
rs7337795	C	-0.0902
rs1164500	A	0.0433
rs17657154	C	0.0473
rs10161800	C	0.1618
rs2066700	T	0.0404
rs12866031	G	0.1422
rs146779675	A	-0.2688
rs9552164	G	0.0417
rs113502315	G	0.0884
rs9577634	T	0.0557
rs9564799	C	-0.1341
rs9518506	T	-0.0533
rs79016072	A	0.1186
rs61950496	C	0.1565
rs36104484	C	-0.0414
rs11069856	A	-0.06
rs61948653	T	-0.1165
rs75546602	A	-0.216
rs75356154	T	0.1569
rs9519726	G	0.0428
rs7338387	T	0.1456
rs12716687	G	-0.0395
rs117182054	T	0.3054
rs35504048	C	0.1932
rs1269974	G	0.1214
rs149598233	T	-0.2636
rs118055164	G	0.2067
rs9552499	T	0.0463
rs2137842	T	0.121
rs9591364	G	0.0827
rs17310704	A	0.074
rs2184592	T	0.0394
rs9572529	C	-0.0499
rs149400240	G	-0.2919
rs12870452	A	0.0599

rs73156560	A	-0.0609
rs9592955	G	-0.0409
rs117910726	C	-0.1919
rs17069419	T	0.1877
rs342589	C	0.0906
rs2773971	C	0.0405
rs79156791	C	0.1203
rs9551939	A	0.1208
rs9572975	C	-0.2636
rs9584994	A	-0.1585
rs9587469	C	-0.0516
rs61956680	A	0.1943
rs7327037	C	-0.0394
rs117500781	C	-0.1997
rs2274759	T	-0.1273
rs9566460	A	0.0744
rs4770519	A	0.0587
rs9543670	A	0.0422
rs9515431	G	0.043
rs117142438	C	0.1793
rs112660758	A	0.1251
rs77319677	C	0.1542
rs9540172	C	-0.0448
rs1578867	C	0.0928
rs2260128	G	-0.0389
rs9522775	T	0.0803
rs9599657	A	0.1905
rs9556929	T	-0.0417
rs79318269	T	-0.1521
rs597746	C	-0.0449
rs144859058	T	-0.2144
rs9528687	C	-0.0554
rs11620382	G	0.0783
rs336236	G	-0.0421
rs79699150	C	0.209
rs772312	C	-0.0753
rs4150371	G	0.0854
rs1555754	T	0.0662
rs9545040	A	-0.0407
rs9548022	G	-0.0445
rs11619301	C	-0.0962
rs147076490	G	0.1684
rs74890966	C	-0.16
rs12100068	T	-0.0722
rs73177509	G	0.1143
rs7329071	C	0.1148
rs9542529	G	-0.1038

rs661228	T	0.0667
rs2316119	A	0.2585
rs9634510	C	0.0477
rs58982785	A	0.0432
rs9598227	G	0.0413
rs144309858	T	0.3073
rs72667744	G	-0.1127
rs112736841	C	0.1795
rs76110489	A	0.1478
rs111851081	G	0.1767
rs139407395	G	0.1727
rs12863816	T	-0.0533
rs7327162	C	0.1417
rs17360458	G	0.0934
rs61955516	A	-0.1368
rs4769706	T	-0.1693
rs143048284	C	0.1747
rs145110980	C	-0.333
rs67133719	A	-0.0504
rs17537837	T	-0.083
rs4943566	C	0.051
rs111767796	T	-0.2314
rs75973406	T	0.1661
rs35824150	A	-0.0539
rs4770073	G	-0.0842
rs1535640	T	-0.0395
rs1886492	T	-0.0393
rs168518	G	0.0513
rs9561704	A	0.0407
rs9556857	G	-0.1065
rs143926323	A	0.2436
rs11147457	A	-0.0672
rs17175056	G	0.1064
rs975507	C	-0.059
rs4884356	T	0.0393
rs2805954	C	0.0516
rs61950170	A	0.0431
rs72645892	G	-0.0429
rs3011552	A	0.0646
rs73227898	G	0.2581
rs57313044	T	-0.0734
rs12864736	G	-0.0573
rs17393929	C	-0.1161
rs9553904	T	0.0397
rs516445	T	0.0558
rs141601692	C	0.2116
rs7323013	G	-0.0817

rs7335965	A	-0.1464
rs9595078	G	-0.1872
rs1885764	A	-0.047
rs74036629	C	-0.2322
rs9569551	T	0.0567
rs9546812	C	-0.0621
rs35405349	G	-0.0975
rs116848876	A	0.3345
rs74414155	G	-0.0855
rs12584940	G	0.0434
rs11620082	T	0.0627
rs117133300	A	0.216
rs4770153	A	0.0464
rs61956689	A	-0.1094
rs142446797	G	-0.3251
rs2504221	G	0.0606
rs9518716	G	-0.1011
rs78866819	T	0.0853
rs4583072	G	-0.2542
rs9540660	G	-0.0415
rs9805578	A	-0.0605
rs7333268	G	0.0386
rs147085501	C	0.2535
rs9552790	A	0.0743
rs7995647	C	-0.0397
rs143750917	C	0.2415
rs11618974	A	-0.0529
rs9526765	C	0.0458
rs117300920	T	0.127
rs1854964	T	-0.0394
rs10507465	C	0.0462
rs117066769	G	-0.2917
rs150705037	C	0.2501
rs7996900	A	0.0373
rs12429646	G	0.0593
rs9570977	A	0.1887
rs202091	G	0.0405
rs74103452	C	0.06
rs74109419	T	0.078
rs145044284	A	0.2277
rs17632230	C	0.0694
rs288725	T	0.0591
rs34174325	G	-0.0538
rs141072836	A	-0.0669
rs7339104	C	0.0403
rs831170	C	0.0541
rs11620240	T	-0.1153

rs75691303	A	-0.0952
rs116979954	T	0.113
rs943769	A	0.0382
rs73168005	T	-0.2353
rs11616874	T	-0.0434
rs78759963	A	0.1388
rs9516293	T	0.0502
rs75157753	G	-0.1791
rs12867255	C	0.0391
rs9565110	T	0.0381
rs75313645	G	-0.1713
rs150592244	A	0.2025
rs150597735	T	-0.1427
rs7400002	G	-0.0623
rs73233133	C	-0.0798
rs206141	C	0.0413
rs4884317	A	0.0469
rs3751419	G	-0.0442
rs1974025	A	0.1771
rs9526485	A	0.1254
rs117140165	C	-0.1105
rs1729752	C	0.0904
rs12430215	C	0.0424
rs9522474	T	0.0845
rs9524278	G	0.093
rs56721044	A	0.2695
rs73190310	C	-0.2069
rs9594198	T	-0.0424
rs9549449	G	0.0379
rs562553	T	0.2142
rs117826674	C	-0.1458
rs75238954	T	0.2814
rs11839232	G	0.0372
rs73501718	G	0.3239
rs9525890	C	0.0458
rs1041512	A	-0.0835
rs140848801	A	0.106
rs9566219	A	0.0966
rs2476508	C	-0.0476
rs2992396	C	0.0804
rs9602209	G	-0.0374
rs79787807	G	0.0871
rs7998006	A	0.1028
rs118184019	A	0.147
rs9561538	C	0.0491
rs9316971	T	-0.0464
rs61953870	A	0.0516

rs754168	A	0.0512
rs72646376	A	0.125
rs2210895	T	-0.1847
rs117428907	G	0.0723
rs8001743	G	-0.037
rs78821772	A	-0.0587
rs76992530	A	0.1951
rs599603	C	0.039
rs68128212	T	0.0442
rs118098535	T	0.1301
rs7334626	T	-0.0623
rs17806624	A	-0.0776
rs7988481	T	-0.0585
rs6491398	T	0.0933
rs9586701	A	0.0686
rs12875713	C	0.0397
rs2208987	C	0.0994
rs9518423	G	-0.116
rs9507806	G	-0.0996
rs1354467	A	-0.0403
rs142426391	T	-0.3098
rs4773116	C	-0.0392
rs471005	A	0.064
rs912439	G	-0.0423
rs79170238	G	0.0756
rs9588175	C	-0.0393
rs7981258	A	-0.0403
rs9555963	T	-0.0539
rs9524504	C	0.0383
rs77550846	A	-0.1876
rs9537262	C	0.0739
rs142755265	T	0.1952
rs74358181	T	0.1038
rs79621826	T	-0.2803
rs149462810	C	-0.304
rs112222275	G	-0.3406
rs75800927	C	0.0421
rs326525	C	0.1238
rs79744738	A	0.1177
rs12323106	G	-0.141
rs7992424	C	0.0423
rs77104783	A	0.0872
rs7990346	G	0.0887
rs9547698	A	0.0378
rs76874583	A	0.1119
rs9563044	T	0.1371
rs74674723	C	0.1752

rs9563857	A	0.2497
rs12427475	A	0.0852
rs2501203	A	0.0505
rs1614209	G	0.0375
rs139674967	T	0.0675
rs17785077	A	-0.0594
rs9513538	C	0.0578
rs7984789	T	-0.1193
rs35292266	T	0.0959
rs512524	A	0.0465
rs117357157	C	-0.0986
rs927864	A	0.0874
rs117583384	G	-0.2727
rs9604189	G	0.1817
rs140351291	G	-0.2105
rs117463888	G	-0.1744
rs9512006	C	-0.0476
rs73221122	G	0.1
rs145523868	A	-0.1448
rs9523029	G	-0.0873
rs9515134	T	0.0449
rs74037664	A	-0.0489
rs9570451	A	0.177
rs79663005	T	0.2133
rs7993587	C	-0.0928
rs9597445	G	-0.1788
rs141918577	A	0.2915
rs73169172	T	-0.0479
rs2320809	G	-0.0378
rs138750984	T	-0.3007
rs1322725	T	-0.1337
rs17076585	A	0.2158
rs9539498	T	0.2157
rs11618379	A	0.0826
rs816960	T	0.0452
rs2497624	A	0.0617
rs9521793	T	0.0616
rs75093467	T	-0.0747
rs4885993	T	0.1294
rs4907618	A	0.0388
rs12877550	A	0.1637
rs9539140	G	0.0433
rs116358302	G	0.098
rs9589624	A	0.1281
rs1498265	A	0.0371
rs9596772	A	-0.0733
rs9526155	T	0.1682

rs9593956	G	-0.0842
rs9551924	T	-0.0376
rs2038711	T	-0.0375
rs1536847	G	0.0732
rs10492447	G	-0.079
rs6490700	A	0.0361
rs61957061	G	-0.0556
rs9545745	T	0.0464
rs1426	C	0.045
rs146850129	A	0.1442
rs60628525	C	0.1811
rs7985254	T	0.0491
rs2105035	A	0.0582
rs76126718	C	0.1374
rs7328533	T	0.0842
rs17090322	C	0.123
rs80098904	C	0.1946
rs7996712	G	0.0453
rs7996817	T	-0.0939
rs4769650	C	0.0362
rs16969967	T	-0.0886
rs79359950	T	-0.1807
rs9554459	G	-0.0483
rs34219574	T	0.1815
rs2317288	G	-0.0374
rs149481474	C	-0.3085
rs73595233	T	-0.2079
rs151323523	A	0.1624
rs72666704	C	0.1015
rs76893160	C	0.1522
rs275959	G	-0.0431
rs10219792	T	-0.1708
rs7982754	T	0.0371
rs79871111	A	-0.1849
rs7339173	T	-0.0357
rs117386554	T	0.0992
rs78479256	A	0.1792
rs111809639	A	0.2635
rs4943280	T	-0.0392
rs3861121	T	0.0475
rs74397515	T	0.1198
rs4770836	T	0.0385
rs74239657	C	0.1544
rs11842053	T	0.1642
rs79637130	A	0.1025
rs9539867	G	0.1085
rs71433137	C	0.0839

rs4773141	G	-0.064
rs111998355	T	0.1402
rs116849167	G	0.1971
rs17068016	C	-0.1147
rs117220407	A	-0.2118
rs9589534	G	-0.0576
rs9518474	G	-0.051
rs71442174	C	0.1501
rs9558673	A	0.1967
rs112682078	T	-0.2533
rs1703599	G	0.0473
rs61957699	G	0.0372
rs61962173	A	-0.168
rs75422102	T	0.1916
rs777761	A	0.0422
rs7994744	T	0.0723
rs4772370	G	-0.085
rs4771195	G	0.0354
rs9511906	T	-0.0424
rs9317962	A	0.0382
rs11617377	C	-0.0702
rs1898277	T	-0.0881
rs150521969	C	-0.1662
rs9558862	C	-0.0506
rs117892565	G	0.0807
rs9512466	C	-0.0401
rs7992811	A	-0.0401
rs4351950	A	0.1865
rs28589375	A	0.0396
rs73166425	A	0.05
rs17054991	T	-0.0855
rs9592480	A	-0.0482
rs116726601	G	-0.1459
rs61962161	A	-0.2939
rs117897870	G	-0.1596
rs141512111	G	0.1887
rs6492706	A	0.0394
rs9511565	C	0.0555
rs74329061	G	0.1027
rs1536948	A	0.1888
rs4886005	T	0.0503
rs9315307	A	0.0587
rs11839100	T	0.0698
rs7990263	A	0.037
rs71429680	A	0.062
rs9514224	C	0.038
rs4268626	C	-0.0459

rs9579051	C	0.0642
rs1927757	G	0.0377
rs77608053	G	0.1828
rs12870508	T	0.0454
rs2105464	G	-0.0412
rs16975317	T	-0.057
rs9595168	A	-0.0872
rs4943292	C	-0.0372
rs61318536	T	0.0806
rs9587046	T	0.0365
rs17072243	G	-0.1172
rs1980992	T	-0.0375
rs75066526	C	0.064
rs61945512	C	0.1292
rs9551705	G	0.0381
rs76934651	A	0.2977
rs9509982	A	0.0419
rs117986389	A	-0.144
rs7981120	A	-0.0357
rs9557603	C	0.1137
rs144452706	G	0.2289
rs77786180	T	0.2706
rs149875190	A	0.2036
rs9519184	T	0.0664
rs113861005	A	-0.0836
rs1830976	T	0.0492
rs1287510	T	-0.0547
rs117979563	G	0.2562
rs9566839	A	-0.0372
rs9567416	C	-0.0406
rs75545492	T	-0.2018
rs35127691	T	0.1119
rs9552947	T	-0.0358
rs3129599	G	-0.0451
rs138961466	A	0.1929
rs77581393	T	-0.1305
rs117905176	A	-0.1529
rs111383524	G	0.2702
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rs12876740	C	0.062
rs9523176	G	-0.0795
rs2580190	T	0.0656
rs73194095	G	0.1032
rs9564541	G	0.0382
rs3783193	G	0.1791
rs7327251	T	0.106
rs72666949	C	0.1818

rs7984291	T	-0.0685
rs1991935	G	-0.0351
rs9533681	G	0.0564
rs1225407	A	-0.0493
rs140938397	G	0.1756
rs4770265	C	-0.1336
rs9551926	A	0.0489
rs1352219	T	0.2139
rs139451472	A	0.1418
rs17054542	A	-0.0492
rs8000443	G	-0.0383
rs77136765	T	-0.1294
rs117706530	T	0.2166
rs9519380	T	-0.0518
rs55721421	G	0.2051
rs9545515	C	0.0542
rs2487783	C	0.0535
rs116053657	C	0.2233
rs55812376	T	0.0535
rs11619172	A	0.0773
rs9571668	C	-0.0976
rs2334951	G	-0.0743
rs1805388	A	0.0475
rs4772455	C	-0.0446
rs3014918	C	-0.0364
rs44969	A	0.0425
rs73566176	C	0.0576
rs1711179	T	-0.0597
rs138392397	A	0.1807
rs1756948	C	-0.1129
rs9529580	T	-0.0835
rs12716677	T	0.0509
rs35199257	G	-0.0768
rs2210008	A	-0.0544
rs116420781	T	0.1281
rs76305358	A	0.1712
rs146281815	C	-0.2788
rs73186359	T	-0.0468
rs72656483	G	0.0551
rs1415707	T	0.036
rs9568789	T	-0.0356
rs146997505	G	-0.2177
rs11618666	A	0.0357
rs7335632	C	-0.0746
rs7987071	G	-0.0465
rs2275679	A	0.053
rs115522255	G	0.1462

rs12860635	T	0.0516
rs17077264	A	0.0816
rs77156157	A	-0.2561
rs9522803	C	-0.0543
rs7327181	G	-0.0798
rs9530255	T	0.0528
rs815177	A	-0.0611
rs7322213	T	-0.0419
rs3818379	T	0.0386
rs4771589	T	-0.0439
rs2008197	A	-0.219
rs2391339	A	0.0616
rs72664758	T	0.0545
rs1537879	C	0.0375
rs9301667	A	0.0447
rs150036009	C	0.2093
rs146008955	G	0.155
rs117276254	G	0.2114
rs75271678	G	-0.1958
rs117491444	T	0.2566
rs1413154	G	-0.0783
rs78923127	C	0.1786
rs79495700	A	-0.2051
rs118132384	C	-0.3329
rs9507720	T	-0.0465
rs9510464	A	-0.0839
rs9519562	T	-0.0354
rs61955495	C	0.0703
rs73166497	A	-0.1167
rs113163140	G	-0.1637
rs3904629	T	-0.0779
rs9549896	T	-0.0558
rs80154020	G	0.2665
rs111669829	A	0.2545
rs72660167	T	0.1388
rs1336685	G	-0.0342
rs9510715	G	0.0935
rs117413500	G	0.2155
rs112218211	A	0.0981
rs76318856	T	-0.1118
rs6490795	A	-0.0424
rs1328352	A	0.0464
rs34284652	G	0.0442
rs11070025	T	-0.0578
rs7327245	G	0.036
rs11843025	G	0.0542
rs2039919	C	0.0537

rs2993271	T	0.184
rs16969611	T	0.0829
rs9318602	A	-0.0757
rs76376566	A	0.0907
rs151333984	A	-0.1757
rs1570908	G	-0.0411
rs61960313	G	0.0441
rs148812082	G	0.1265
rs11617415	T	0.0464
rs117103561	C	-0.1686
rs117875713	T	0.1382
rs117974696	A	0.1068
rs9575446	A	0.2199
rs9561407	T	-0.0527
rs9521039	A	-0.0436
rs73209113	T	0.1463
rs78826075	C	0.1478
rs9578457	G	-0.1026
rs543264	C	-0.0548
rs166503	C	0.0963
rs7490707	A	-0.0491
rs9592624	T	0.0483
rs116927593	A	0.3006
rs150326426	G	0.1862
rs3812851	C	0.0568
rs73227865	C	0.1914
rs74781691	A	-0.1037
rs593947	G	-0.0434
rs1335587	C	-0.0361
rs4772526	T	0.1175
rs9514526	C	0.084
rs9635143	A	0.0496
rs117886646	C	-0.151
rs2147667	T	0.0361
rs60600902	A	0.1832
rs112892328	C	0.1239
rs9508833	T	0.1097
rs117155938	T	-0.1904
rs73184184	A	0.1105
rs113504889	A	-0.1065
rs35342510	C	-0.1425
rs7337602	G	0.1136
rs9600989	A	0.2084
rs113375990	G	0.2446
rs4770058	C	-0.0438
rs9539008	G	0.0851
rs113492975	A	0.1357

rs140883209	C	0.1289
rs2786273	C	0.0426
rs79154007	G	0.1557
rs11842214	A	0.0655
rs80147512	A	0.1746
rs9586010	T	0.0413
rs9557000	T	0.0737
rs78235673	T	-0.1478
rs9525044	C	0.1327
rs116964734	C	-0.0893
rs1325376	G	0.0383
rs2880530	C	-0.0591
rs9584127	T	0.0605
rs17189103	A	0.0472
rs999631	T	-0.2952
rs7990601	G	0.0343
rs71429656	A	-0.066
rs72657275	A	0.1445
rs74556393	T	-0.0635
rs17066209	T	0.0521
rs17516836	T	0.0462
rs113214399	A	-0.1438
rs77377433	G	0.105
rs80072884	C	-0.1556
rs116937752	G	-0.1871
rs2874620	G	0.0344
rs9513443	T	0.0507
rs10492700	C	0.0636
rs3117915	G	0.0412
rs2149132	T	0.047
rs150786584	A	0.1247
rs17495306	G	0.1912
rs7317882	T	0.0345
rs17504075	T	0.0849
rs6562946	C	0.0551
rs9575870	A	0.0652
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rs7324131	A	0.0442
rs1335326	T	0.0813
rs56259842	G	-0.1623
rs7323247	G	-0.0574
rs9587783	G	0.0816
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rs1766903	A	-0.0424

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rs58556553	G	0.1165
rs56197242	C	-0.0402
rs147993496	G	-0.2094
rs9514461	C	0.0727
rs76286419	T	0.1184
rs117878948	A	-0.1277
rs67760757	A	0.0524
rs61958031	G	0.1038
rs11618202	G	0.0686
rs1111847	A	-0.1296
rs144329589	G	0.2777
rs9577106	T	0.1995
rs655676	A	-0.0348
rs722223	T	0.0996
rs55717941	T	-0.0827
rs9595613	G	0.189
rs150698232	T	0.1831
rs4942407	T	0.0344
rs656305	G	-0.0349
rs6490760	A	-0.0518
rs17082029	C	0.1484
rs7336117	A	0.1197
rs73174493	A	0.1756
rs75349464	T	0.1417
rs12874694	C	-0.0627
rs12876064	A	-0.1444
rs7335571	G	0.1439
rs653871	C	-0.1748
rs73238826	A	0.0504
rs78374881	A	-0.0776
rs9576418	T	-0.0341
rs34975344	T	0.0461
rs58229841	G	0.038
rs79964374	A	-0.1485
rs113147765	A	0.1356
rs74471422	A	0.1422
rs9578030	T	0.0368
rs1298620	C	0.1039
rs985740	A	-0.0332
rs772313	C	-0.0336
rs1170202	G	-0.0343
rs12184555	C	0.063
rs73207700	C	-0.1686

rs142932135	T	-0.2629
rs61974961	G	0.0442
rs7320897	G	0.0964
rs73188232	G	-0.149
rs2297192	T	-0.0522
rs79583632	A	0.1014
rs9551645	C	-0.0636
rs117469802	A	0.1622
rs79647986	A	0.1322
rs9584712	G	0.0488
rs150960325	G	-0.2529
rs35946791	A	0.0849
rs77352107	T	0.16
rs279913	C	-0.0343
rs35630115	T	-0.0808
rs147867908	A	-0.2018
rs77845752	G	-0.0718
rs9556481	G	-0.0358
rs76295925	G	-0.1482
rs9562905	T	-0.1062
rs117012334	C	0.1185
rs73168605	C	-0.1331
rs17677294	C	-0.0473
rs73481129	G	0.0638
rs1328612	A	0.0376
rs12876589	A	0.2437
rs4772939	A	0.0565
rs4883908	A	0.0348
rs71434828	A	-0.1552
rs79326373	A	0.1099
rs17061270	C	0.1153
rs77205049	G	-0.0736
rs9318951	C	-0.0441
rs72640578	C	-0.0388
rs140723984	T	-0.1996
rs140020544	T	0.1886
rs9509059	T	0.0358
rs78718684	A	-0.1116
rs7325923	T	0.0594
rs79739818	C	-0.1163
rs113130848	T	0.1628
rs298786	T	0.0362
rs76506827	C	0.1403
rs11618034	G	0.2905
rs9527675	G	0.0345
rs7985791	A	0.0374
rs632810	G	-0.0488

rs9519811	C	0.0971
rs139075178	G	0.3319
rs9594960	G	0.2115
rs1385679	C	-0.0445
rs16957301	C	0.06
rs17583080	A	-0.1148
rs2029766	G	-0.1116
rs7996305	T	-0.0359
rs9524685	C	0.0361
rs141776877	T	-0.1446
rs117479124	A	0.1466
rs3759458	T	-0.1062
rs17615729	T	0.0708
rs9584295	C	0.2071
rs9300622	G	-0.0542
rs117207040	T	-0.2139
rs56197654	A	-0.0853
rs9598800	T	-0.1729
rs9603215	T	-0.058
rs1041691	C	-0.035
rs74482994	A	0.126
rs12863153	T	0.093
rs501674	T	0.0595
rs9556307	T	0.1241
rs4943552	C	-0.033
rs7331401	G	-0.0373
rs2793283	A	0.0521
rs146538329	T	0.171
rs9543554	A	-0.1322
rs73185260	T	0.1363
rs61697892	G	-0.0349
rs72652680	C	0.0944
rs7992562	G	-0.0361
rs61187918	T	-0.0593
rs73241044	A	-0.0677
rs9544908	C	-0.0435
rs9582480	C	-0.108
rs117986878	G	0.1178
rs139133541	C	-0.184
rs35887251	T	-0.0346
rs34072850	A	-0.0521
rs12874397	T	0.0525
rs55900911	T	0.1611
rs2298240	G	0.0504
rs9578371	A	0.0406
rs797509	G	0.0385
rs409206	G	0.0478

rs2481875	T	0.0371
rs79200217	G	0.202
rs9518580	T	-0.0609
rs7317470	T	-0.059
rs79715479	G	-0.1885
rs7336189	A	-0.0356
rs146587064	G	-0.1491
rs12385856	G	-0.0824
rs73232857	G	0.0636
rs17542491	T	-0.1476
rs72662025	A	0.0559
rs45618933	A	-0.1115
rs9525598	G	0.0743
rs78762125	G	0.1027
rs9577542	A	-0.0405
rs12431230	T	-0.0333
rs1360983	C	0.0363
rs138713975	T	0.2375
rs78843668	G	-0.1685
rs6561265	T	0.0341
rs9634837	G	0.1845
rs958807	A	0.0324
rs9558520	C	0.0364
rs12583881	C	0.1
rs117997876	G	-0.2258
rs4885742	T	-0.0409
rs12877920	A	-0.035
rs75998315	C	-0.0707
rs966081	C	0.0367
rs4771594	C	-0.0457
rs3015354	T	0.0926
rs7997770	G	-0.0355
rs4322510	T	-0.0362
rs79697030	T	0.1047
rs77147879	G	-0.1049
rs72632632	A	-0.1311
rs73505198	A	0.0749
rs9518260	C	-0.0357
rs9520635	C	-0.1397
rs78390842	T	0.0845
rs9518703	G	-0.0349
rs6563700	G	-0.0344
rs72629540	T	-0.0449
rs9548068	G	-0.1538
rs963679	T	0.0329
rs114836988	A	0.1418
rs9516401	T	-0.0652

rs76915919	A	0.1544
rs148911124	A	-0.16
rs117107876	C	-0.0875
rs4303330	G	-0.0993
rs7139848	C	-0.039
rs9587442	T	-0.1485
rs12872871	C	0.0866
rs9315231	C	-0.2218
rs111348226	C	0.1792
rs12430361	T	0.0684
rs8000561	T	-0.0409
rs61957240	G	-0.1152
rs34878650	G	-0.108
rs77909377	T	-0.1044
rs1830757	A	-0.1569
rs9506440	A	-0.0983
rs144709885	A	-0.0782
rs4772089	G	0.053
rs773353	A	-0.0553
rs10492722	T	-0.0567
rs9601013	C	-0.0583
rs41275142	C	0.1481
rs73476708	C	-0.0514
rs9601440	G	0.0589
rs147607590	G	0.1298
rs9601082	C	0.046
rs117003989	T	0.1923
rs3129591	T	-0.0847
rs9592924	T	0.1606
rs75314166	C	-0.0924
rs78054414	G	0.061
rs148567094	T	0.2175
rs57323526	G	0.1799
rs1555782	A	0.0661
rs16964706	C	0.1814
rs9512782	A	0.0775
rs56134921	T	0.0708
rs80257475	G	-0.112
rs9557491	T	0.0871
rs76946979	G	-0.2147
rs58598010	C	0.0484
rs1012693	A	-0.0386
rs111790623	A	0.1995
rs2555615	C	-0.0367
rs9577246	A	0.1932
rs7982791	T	-0.0328
rs12877637	A	-0.0778

rs1023243	G	-0.0316
rs61534994	T	0.0707
rs3751371	A	-0.0323
rs9521136	T	0.0782
rs4322537	A	0.1551
rs8000111	C	-0.0363
rs73594015	G	0.1348
rs7999171	G	-0.0354
rs9530040	T	-0.0357
rs117776604	T	-0.1175
rs72649286	A	-0.1479
rs79132618	T	0.1555
rs520469	T	0.0311
rs143108096	A	-0.2833
rs9591555	T	0.0424
rs9521181	G	0.0402
rs9596596	C	-0.032
rs9315230	G	-0.0823
rs140764570	A	-0.1132
rs73546076	G	0.1533
rs9509542	G	-0.0372
rs1570545	C	-0.0556
rs9545095	G	-0.0691
rs9577193	T	0.0435
rs9600169	T	-0.037
rs117475040	A	0.1704
rs1151389	A	0.0348
rs1931465	G	-0.0557
rs73435754	G	0.0715
rs140681424	A	-0.2351
rs9558563	A	0.0336
rs141387808	G	0.179
rs9515378	A	0.0393
rs1359191	C	0.0331
rs117347995	T	0.211
rs9522892	A	0.0857
rs144101867	T	0.2033
rs1175192	A	0.0668
rs71437848	A	0.1537
rs61973886	A	-0.1751
rs7337854	C	-0.0358
rs150568956	G	-0.16
rs12397516	G	0.1347
rs117921628	G	0.1636
rs17066893	T	0.086
rs11842607	A	0.035
rs73578295	A	0.1614

rs9556459	A	0.073
rs78818092	C	0.2956
rs9533843	A	0.0316
rs16958072	G	0.0732
rs117454296	A	0.1343
rs140449277	G	0.1402
rs75763643	G	0.0562
rs9547779	G	0.0321
rs142320752	T	0.1231
rs9552243	A	0.0458
rs9527205	T	-0.0394
rs34667146	A	-0.0416
rs73227124	G	-0.0538
rs969803	A	-0.0391
rs116921976	G	0.1923
rs11839644	C	0.1464
rs78412364	C	0.0676
rs7999954	T	-0.0406
rs114251382	T	0.1896
rs117442379	C	0.1943
rs895428	A	0.1172
rs9559566	T	0.0334
rs961762	C	-0.0466
rs456312	C	0.0325
rs11619707	T	-0.1278
rs12585718	G	-0.0445
rs117503991	A	0.1321
rs2320340	T	-0.035
rs76212866	A	0.1755
rs9572197	T	0.0627
rs4575402	G	0.0326
rs7337948	A	0.0539
rs117050203	T	0.1476
rs9669993	A	-0.0337
rs56073254	T	0.1361
rs2320808	T	-0.0464
rs292478	G	0.0963
rs4083987	G	-0.0319
rs10507434	C	0.0512
rs9541183	C	0.0522
rs1751062	T	-0.0329
rs12866184	G	-0.0322
rs111525840	A	0.2013
rs12585685	T	0.0591
rs117918631	A	0.2545
rs77061079	A	-0.1368
rs6492757	G	-0.0366

rs78361177	G	0.2309
rs138974246	C	-0.1998
rs9553177	G	0.0618
rs1324012	A	0.0428
rs17544012	A	-0.1003
rs146251438	C	-0.1804
rs147328157	T	-0.224
rs55828473	C	0.044
rs80114541	G	-0.1545
rs55889418	G	0.1383
rs1280914	A	-0.055
rs112683624	G	0.1025
rs2025396	T	-0.0357
rs45540131	T	-0.0502
rs35386495	T	0.1431
rs1330613	C	-0.0349
rs9584237	A	0.0865
rs73543047	A	0.0942
rs1164435	C	-0.0394
rs7333320	C	-0.0393
rs9568191	T	0.0561
rs79888356	C	-0.1264
rs9543836	T	0.1508
rs12865721	C	-0.1926
rs1576545	T	0.0434
rs9551560	G	0.183
rs17074216	G	0.0634
rs77809332	A	0.2213
rs7323415	T	0.098
rs4316618	T	-0.052
rs80168003	A	-0.0791
rs117614666	A	-0.1512
rs9590520	T	-0.0708
rs117974454	T	0.0887
rs10492736	G	0.0743
rs12863392	A	0.0396
rs7992218	G	-0.0451
rs117942913	C	-0.279
rs41291660	A	0.0543
rs1617234	G	0.0324
rs117419823	T	-0.1011
rs78339560	A	-0.1378
rs71436409	G	-0.177
rs7330840	G	-0.0397
rs17308151	A	0.126
rs2040060	T	0.0335
rs146877834	T	-0.2494

rs149926750	G	0.2106
rs7335627	A	0.124
rs2389983	G	0.0616
rs5024236	A	0.1272
rs34004986	A	-0.044
rs17054038	C	0.0936
rs9544469	T	-0.0494
rs34911280	G	0.0467
rs9592755	G	0.0316
rs146405639	A	-0.1453
rs117336057	T	0.1851
rs611482	C	0.0619
rs12323080	C	-0.0467
rs17252048	C	0.0411
rs7317185	C	-0.0436
rs541678	T	0.0413
rs113302933	A	0.1508
rs138770342	A	0.234
rs112068445	T	0.1759
rs11616606	T	-0.1465
rs2218245	A	-0.0394
rs386042	G	0.0632
rs6562421	G	-0.0319
rs151097953	G	0.1484
rs74386542	A	0.0553
rs78362449	A	0.2135
rs9549555	C	-0.046
rs1538142	T	0.1005
rs7996850	G	-0.0377
rs139303098	G	-0.2746
rs61967682	C	0.1542
rs7994261	A	-0.0327
rs73164001	T	0.1046
rs9530623	A	-0.1729
rs9544027	T	0.0317
rs518231	A	0.0604
rs9318059	T	-0.0343
rs586851	C	0.0535
rs78577228	A	0.089
rs73224051	C	-0.0933
rs656962	A	-0.0308
rs34692286	C	0.0333
rs9584411	C	0.0376
rs79382703	T	0.056
rs9593824	C	0.0528
rs2063910	G	-0.0605
rs9554696	G	-0.0629

rs9586123	C	-0.056
rs75925921	T	-0.2268
rs67530930	C	-0.0386
rs73156780	A	0.1369
rs6561600	G	-0.0381
rs6562021	C	-0.0433
rs76306511	C	-0.0972
rs73165015	T	-0.0814
rs7334115	A	0.039
rs61966662	G	0.0305
rs7981844	A	0.0713
rs78504300	C	0.0404
rs117644878	A	-0.0969
rs4770371	T	-0.0315
rs17631642	A	0.1059
rs2329218	A	-0.032
rs332311	T	0.0694
rs143784610	G	0.1078
rs74472849	C	0.1355
rs76766117	T	0.1336
rs1228539	T	-0.0306
rs1756073	T	-0.1631
rs2329177	G	0.0458
rs143347828	G	0.205
rs9568631	C	0.0562
rs11842552	A	-0.0595
rs11839643	A	0.0747
rs9511316	A	-0.0333
rs118052221	T	0.0871
rs9544597	G	0.187
rs4911078	T	0.0323
rs7995665	T	0.0537
rs9576975	G	0.0362
rs7321605	C	0.0329
rs12857959	C	0.0592
rs2117719	T	-0.0343
rs7324580	T	0.0489
rs4941676	T	-0.111
rs7318392	C	-0.0354
rs113129004	T	-0.1554
rs7324958	A	-0.0443
rs150590960	T	0.1398
rs17596131	C	0.2027
rs117272893	T	-0.1009
rs816997	C	0.0841
rs9514379	C	-0.0337
rs116938555	T	-0.155

rs7322594	T	0.0393
rs9514512	A	-0.1285
rs111652413	A	-0.2159
rs73509881	T	0.0959
rs9537724	C	-0.0781
rs147480013	C	-0.2191
rs7321139	A	-0.0916
rs34422737	C	-0.063
rs3129622	T	0.0638
rs17803537	C	0.1411
rs60137149	G	-0.0535
rs118137249	T	-0.1251
rs73592832	G	0.2241
rs11842104	G	0.0675
rs12853952	C	-0.1308
rs73176811	C	0.0367
rs35935686	T	0.0794
rs143540413	T	-0.1974
rs188096	A	0.046
rs1413555	T	0.1161
rs61947066	C	-0.0459
rs9521924	A	-0.0349
rs9595365	A	-0.0853
rs4941710	T	-0.055
rs76641644	G	-0.0655
rs117526438	A	-0.25
rs112181127	A	-0.1926
rs73164350	T	-0.1231
rs79665621	T	-0.0338
rs117120874	T	-0.1484
rs6562029	A	0.0338
rs9285110	C	0.0319
rs117007161	A	-0.2013
rs7317159	C	0.0342
rs1577417	A	0.078
rs12720132	T	-0.1248
rs15121	C	0.2728
rs1537384	T	0.0431
rs146003760	C	-0.1388
rs9520258	A	0.0489
rs72655872	A	-0.0592
rs6561292	T	-0.0419
rs56003638	G	0.0541
rs117854946	G	0.1588
rs4296126	C	0.0393
rs12877566	A	-0.1694
rs79088925	A	0.1127

rs16945768	T	0.0608
rs7325920	T	0.0313
rs144078051	T	-0.1942
rs4097390	A	0.1403
rs323449	A	0.0312
rs9318796	C	0.0377
rs141127906	T	-0.136
rs9534523	C	0.0316
rs317959	C	-0.0303
rs7994852	C	-0.0382
rs3013664	G	-0.0474
rs9582505	A	0.04
rs137976624	C	0.0868
rs733703	T	-0.0322
rs1928906	C	0.143
rs73187070	G	0.1663
rs111266370	T	-0.1762
rs56276239	A	-0.1444
rs112197235	A	0.1309
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rs117952029	C	0.1219
rs80317676	T	-0.0911
rs76805698	T	0.1172
rs3129594	T	-0.0404
rs12584983	C	-0.1027
rs148410868	T	0.2178
rs9531126	A	-0.0502
rs71435272	A	-0.1612
rs9578440	C	0.0498
rs79629465	T	-0.2845
rs75487620	G	0.0547
rs7986767	T	0.2333
rs72650524	C	0.2282
rs113558302	T	-0.239
rs61966034	G	-0.1912
rs76489724	C	-0.2718
rs1224166	T	-0.0508
rs12585041	A	-0.0325
rs9516728	G	-0.1498
rs1444626	T	-0.0314
rs9526709	A	0.0515
rs1889681	T	-0.0368
rs4770727	T	0.046
rs12427643	C	-0.1065

rs77329389	T	0.1164
rs112834428	T	-0.0333
rs9568186	T	-0.0721
rs36039561	G	-0.2218
rs9571206	G	0.0347
rs9520422	C	-0.0317
rs145795118	T	-0.1328
rs4491357	A	-0.0307
rs61951981	A	-0.0963
rs9519486	C	0.0393
rs7333685	C	0.106
rs1327950	T	0.0338
rs368109	T	0.0352
rs35932037	A	-0.0421
rs73559402	C	-0.0648
rs117310098	A	0.1406
rs9530162	G	0.0322
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rs61947461	G	-0.1204
rs79898396	T	-0.24
rs113517717	T	-0.1826
rs80262054	T	-0.1092
rs9543305	A	0.0311
rs3966879	G	0.0759
rs75805582	G	-0.1285
rs79738503	G	0.0487
rs111931193	T	-0.0335
rs583546	T	-0.0356
rs7986825	G	0.0512
rs146693173	A	0.0793
rs341499	T	-0.031
rs2149698	G	0.031
rs117918732	A	0.139
rs116982997	T	0.0846
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rs117700791	A	0.1123
rs2104320	A	0.0389
rs78292191	A	-0.0849
rs61970805	G	0.1458
rs145262312	A	0.191
rs11619756	G	0.0298
rs150120415	A	0.1353
rs285122	C	0.044
rs1889254	C	0.049
rs77353959	G	-0.1385
rs7986970	T	0.0429
rs9537062	T	0.0824

rs7995097	A	-0.1024
rs117199327	G	0.166
rs484946	A	-0.0322
rs113649144	G	-0.2062
rs74073648	T	-0.1697
rs636345	G	0.1777
rs61966766	A	0.2135
rs7994271	T	-0.0371
rs79888688	C	-0.1681
rs78558140	A	0.1615
rs3949248	T	0.1982
rs58550112	A	0.067
rs138903455	G	-0.1392
rs34634134	G	0.1336
rs75794151	G	0.0821
rs9545914	T	-0.1269
rs73247212	C	0.1077
rs117615494	T	0.1245
rs536338	C	0.0329
rs35658637	A	-0.0861
rs61960197	A	0.1492
rs59380005	C	-0.1515
rs73168659	T	0.0352
rs34525095	T	-0.1969
rs465620	T	0.032
rs74475378	G	0.0887
rs2783223	C	0.0717
rs61951065	A	-0.1231
rs17246799	A	-0.0315
rs16962661	G	-0.274
rs74371587	C	-0.1361
rs76091503	T	0.0827
rs6490666	C	-0.0327
rs145589761	T	-0.0767
rs57906806	T	0.0739
rs73175012	A	0.0656
rs12875693	G	-0.1065
rs2775130	A	0.0312
rs73516785	A	0.1266
rs9329348	T	-0.0744
rs147177226	G	0.1887
rs17633673	C	0.0974
rs1361003	C	0.0469
rs7337127	T	0.0438
rs9317888	G	0.0352
rs9506019	A	-0.0495
rs4562934	T	0.0693

rs117931473	A	0.2552
rs117605767	G	-0.1189
rs76200959	T	-0.118
rs117774985	A	0.1113
rs116900456	G	-0.1902
rs1547189	C	0.0382
rs2780344	C	0.0768
rs7998823	T	0.041
rs142530402	T	0.197
rs142510747	T	-0.1693
rs666352	G	-0.0412
rs1537418	G	0.0311
rs111467036	G	0.1682
rs17090101	T	0.086
rs7985399	G	0.0463
rs146041873	G	-0.1402
rs75452910	G	-0.1192
rs78296703	T	-0.1251
rs4769329	C	-0.033
rs111865272	C	-0.0518
rs7981357	A	-0.031
rs7987359	G	-0.0436
rs147229042	G	0.16
rs4941969	A	-0.1612
rs75311290	G	-0.136
rs138396239	T	0.2121
rs142579524	T	0.1402
rs11619787	C	0.1965
rs80289820	C	0.2157
rs61970402	G	-0.153
rs4769185	A	-0.0745
rs1886531	T	0.0331
rs151254405	C	-0.2355
rs7997510	G	-0.0298
rs9574198	T	0.0567
rs142893767	C	0.1227
rs1361576	G	-0.0379
rs113332310	A	0.0459
rs57541225	C	-0.0558
rs55693018	G	-0.0325
rs4343125	G	-0.051
rs73169744	G	-0.1122
rs112422439	T	0.1512
rs16968170	T	0.0571
rs73203491	A	0.0855
rs112994341	C	0.0525
rs112630337	C	0.1136

rs117688988	G	0.1983
rs7991888	A	-0.0704
rs116842493	T	0.0967
rs78855063	G	0.1246
rs17054944	A	0.1314
rs17225334	T	0.0752
rs9519556	A	0.0361
rs74554325	C	-0.2761
rs4773060	C	0.0823
rs9600699	T	0.0987
rs6562685	G	-0.1215
rs61944757	T	-0.0666
rs116965341	G	-0.1867
rs17326608	A	0.1442
rs12323056	A	0.1428
rs146307519	C	0.1603
rs9669866	A	0.131
rs45510096	C	-0.1899
rs77117739	A	0.126
rs79226554	G	0.1031
rs80121275	C	0.1356
rs116951995	A	0.1605
rs9538590	A	-0.2038
rs7316939	G	-0.0344
rs55986405	T	-0.1458
rs73179218	A	0.0527
rs73231086	T	0.0979
rs4943281	C	0.0434
rs912159	T	-0.0397
rs74078712	C	-0.1362
rs117885371	T	0.0606
rs72652590	C	-0.2016
rs77498246	G	-0.0882
rs61964607	G	-0.0726
rs58400642	A	0.1085
rs75576121	G	-0.1985
rs75185526	G	0.2477
rs73505677	T	0.0527
rs528218	A	0.0728
rs9601854	G	-0.0357
rs12871758	T	-0.0558
rs17195862	A	0.0329
rs61967179	T	-0.158
rs3102208	C	-0.0318
rs2390035	T	-0.0503
rs9603212	T	-0.1505
rs149281470	T	-0.0661

rs34163162	T	-0.0386
rs615680	A	0.0361
rs12430402	G	0.073
rs9511299	A	0.1069
rs75981464	C	0.1324
rs9569998	G	-0.0332
rs76264253	T	0.1008
rs9597855	A	0.0773
rs118063121	G	-0.0872
rs9526773	G	0.0332
rs4773883	T	0.0399
rs7339414	T	0.0338
rs502028	A	0.0329
rs113151897	T	-0.0639
rs17072370	A	-0.0599
rs7139762	T	-0.0294
rs7319292	A	0.0345
rs79130810	A	0.2084
rs114175421	C	-0.178
rs598068	A	-0.0341
rs9634767	C	0.0349
rs17066317	C	0.0876
rs139519561	C	0.1872
rs77853508	C	0.0968
rs72663677	C	0.0723
rs9523138	G	0.0324
rs75467447	C	0.2733
rs61947245	G	0.1181
rs9561897	T	0.0487
rs72660164	G	-0.066
rs9508790	G	-0.0297
rs72660136	C	0.1129
rs11772307	T	0.1
rs6562015	C	-0.0302
rs12856863	A	-0.0757
rs58775998	T	0.1155
rs9516141	T	0.0977
rs115781416	C	0.1619
rs2244820	G	0.0292
rs79982915	G	-0.152
rs7335067	A	0.0299
rs80108651	T	0.1672
rs9564485	T	0.0547
rs117623047	C	0.2414
rs1164506	C	-0.0357
rs17572186	A	-0.2135
rs7982556	C	0.0335

rs117924023	T	-0.1162
rs141148986	A	0.1576
rs17087328	C	-0.0636
rs79559909	A	0.0847
rs78363702	T	-0.1667
rs61960199	A	0.0874
rs9601690	T	0.0588
rs4943019	A	-0.0852
rs2621951	C	-0.0577
rs149844959	T	0.2069
rs78544960	G	-0.1185
rs1410425	T	-0.0873
rs9573624	T	-0.1219
rs79824675	A	0.205
rs117058225	G	-0.1251
rs9555791	G	-0.0348
rs1069767	G	0.0577
rs60781382	T	0.0489
rs11840402	C	-0.1017
rs12232053	C	-0.0443
rs75330252	A	0.1179
rs6491316	A	0.0406
rs9645905	G	-0.0306
rs1543659	T	-0.101
rs146276775	G	0.1731
rs4942712	A	-0.0307
rs74475137	A	-0.0989
rs2314007	G	0.0393
rs76248124	G	0.1869
rs2225806	C	0.039
rs2151237	T	-0.0497
rs2031156	T	0.0449
rs76710683	C	0.0976
rs9531917	C	0.0342
rs1322751	G	0.0651
rs77869959	A	0.0993
rs9511383	T	-0.0358
rs78874055	T	0.0551
rs79903666	A	-0.1137
rs117586878	A	0.2675
rs76712071	T	0.081
rs9599298	A	0.0302
rs1041678	C	0.0425
rs75918219	T	0.12
rs9593424	T	0.1067
rs12431187	A	-0.0309
rs144164516	G	-0.1305

rs9588325	G	0.0323
rs148285057	A	0.0428
rs17505148	A	0.0361
rs4148530	T	-0.0312
rs7330431	C	-0.037
rs117166622	G	-0.1016
rs113259882	A	0.0857
rs4362239	T	0.0469
rs77748382	A	0.1584
rs114274163	C	0.1246
rs113879146	G	0.1346
rs61965601	T	0.2407
rs79085185	G	0.1518
rs6492383	T	0.0321
rs76050785	C	-0.0891
rs7326881	A	0.0999
rs9572215	G	-0.032
rs4942385	T	0.2025
rs9514128	G	-0.0486
rs7994878	G	-0.046
rs3934818	T	0.0362
rs9520396	C	0.038
rs1475350	A	-0.0543
rs73241184	T	0.076
rs17069694	T	-0.1684
rs72670619	A	0.0568
rs943049	T	0.0296
rs79748342	A	0.0927
rs8001597	G	0.0307
rs117596845	A	0.1601
rs76574072	C	0.1274
rs7317840	G	0.03
rs77869001	A	-0.1102
rs7989110	G	-0.0376
rs1320519	G	0.0329
rs1924965	C	0.0406
rs2039574	A	0.0542
rs78213177	T	0.1161
rs9550472	C	-0.0436
rs4074271	G	0.0412
rs8001997	C	0.033
rs139156687	C	-0.1998
rs9520306	G	0.0407
rs141247446	G	0.2666
rs9509447	C	-0.031
rs117684413	A	0.2284
rs76750172	T	0.1249

rs61961614	T	-0.0372
rs41283994	T	0.105
rs7997141	C	0.0324
rs73188690	T	-0.1074
rs117835045	C	0.1976
rs17429111	G	-0.2173
rs4769954	G	0.108
rs9526736	C	-0.0309
rs9317551	A	0.0301
rs9634334	A	0.0577
rs76776920	A	-0.1452
rs74396469	A	0.1063
rs113616959	A	0.1196
rs36119769	T	-0.0338
rs74102194	C	0.1064
rs56203375	C	0.0587
rs1325774	G	-0.0312
rs2528763	T	-0.0295
rs67298778	A	-0.0369
rs9586801	C	0.0309
rs117107257	T	-0.1393
rs77408796	T	0.0668
rs927667	G	0.0379
rs12865573	A	0.1623
rs2057490	C	-0.0426
rs75497778	A	-0.153
rs35348757	T	0.1296
rs9510773	A	0.029
rs331593	A	0.1072
rs80304375	G	-0.096
rs9316154	A	0.0357
rs73179126	G	0.0608
rs9603921	G	0.0351
rs79090843	C	-0.1204
rs117997057	T	-0.2659
rs790531	G	0.0578
rs12874263	C	0.2428
rs61246028	T	0.0551
rs72655784	A	-0.0651
rs420387	G	0.0285
rs17077712	C	-0.0676
rs112012446	T	0.2104
rs3858734	G	0.0294
rs61944153	A	0.2725
rs151228688	A	0.1958
rs12261	T	0.0296
rs138766594	A	0.2608

rs4941698	G	-0.0303
rs11568682	A	0.0994
rs116928474	G	0.1504
rs79077819	C	0.0557
rs11843075	A	0.1498
rs12855484	A	0.0282
rs4772253	A	0.0387
rs117810979	G	-0.187
rs1331699	G	-0.0485
rs117372458	C	0.2127
rs9513951	G	-0.0403
rs75234654	C	-0.1453
rs34706014	C	-0.0453
rs78087545	T	-0.0801
rs9524570	T	-0.034
rs9559629	T	-0.0377
rs7983367	G	-0.0964
rs77969808	G	-0.174
rs1275188	T	-0.0389
rs11842490	G	0.0629
rs9511716	T	-0.0647
rs72642606	G	0.1166
rs35065090	A	0.0891
rs60461444	C	0.1623
rs11840613	G	0.1614
rs9530152	C	-0.0296
rs35410340	A	-0.1436
rs117984132	T	0.1344
rs11620594	A	0.0482
rs1937760	G	-0.0444
rs1330458	T	-0.0589
rs9576027	G	-0.0308
rs17328551	G	-0.0818
rs147880160	T	0.2451
rs7985621	C	0.2156
rs117332991	A	0.1727
rs117662594	A	-0.1678
rs17070879	T	0.1046
rs75093613	T	-0.1478
rs12871430	T	-0.0371
rs1952994	G	-0.0593
rs7331833	A	-0.0309
rs141146498	A	-0.1371
rs117614550	G	0.0826
rs117089661	G	-0.1445
rs16958461	T	-0.1244
rs4942451	C	-0.0292

rs1358668	G	0.0285
rs11619503	G	0.0692
rs74767266	A	0.0829
rs7987467	A	-0.0284
rs139965720	A	-0.1226
rs149696736	T	0.1282
rs34328626	T	0.0488
rs3118917	T	-0.0777
rs111422021	T	-0.0705
rs142646162	T	0.1528
rs139600214	C	-0.2607
rs9558242	G	-0.0586
rs72660186	T	-0.0537
rs1323870	T	-0.0328
rs9527458	C	0.0332
rs61959530	A	-0.0359
rs77196499	T	0.177
rs56227301	A	0.0802
rs73222715	G	-0.0982
rs74781903	T	0.21
rs1409901	G	-0.0294
rs9550518	C	0.045
rs456263	A	0.0349
rs61954576	T	-0.1842
rs9553968	T	-0.0312
rs9596994	A	-0.028
rs9551112	G	0.0456
rs4771711	G	0.0286
rs149658103	T	-0.2592
rs4385998	A	-0.0325
rs57486790	C	0.07
rs117229957	A	0.1421
rs12583834	A	0.106
rs9565968	A	-0.0282
rs147957766	G	-0.1434
rs79996690	T	-0.0763
rs9603119	A	0.0804
rs73208702	A	0.1628
rs4942949	A	0.1326
rs7139889	T	0.0608
rs9513478	A	-0.2045
rs147583123	C	-0.1066
rs138407255	A	-0.2025
rs35115456	T	-0.0824
rs2497554	A	0.0634
rs139911192	C	0.2002
rs61954667	C	-0.1103

rs79327894	T	0.0485
rs148526057	T	0.1495
rs76608954	C	0.1313
rs7317810	C	0.0666
rs4886221	C	-0.0505
rs9538172	A	-0.0322
rs7320684	T	0.0325
rs9600031	T	0.1136
rs9556636	C	-0.0591
rs77785709	G	0.0947
rs9512407	C	-0.0438
rs9519425	C	-0.0628
rs6492219	C	0.0302
rs9539818	G	-0.0514
rs4886305	T	0.0685
rs73192420	T	0.0713
rs117868088	T	0.072
rs80332711	A	-0.1264
rs1876724	C	-0.0284
rs1063183	G	0.0411
rs9516429	T	-0.1001
rs3929767	T	-0.031
rs7319010	A	-0.1198
rs11069734	T	0.0311
rs1924181	A	0.0302
rs2701856	T	0.1971
rs7333147	G	-0.0296
rs111343619	T	0.0817
rs55899419	T	-0.0337
rs1413144	G	-0.0398
rs7330054	A	-0.0541
rs9555910	G	0.1712
rs12869307	A	-0.0535
rs9558064	G	-0.0303
rs327118	C	0.0294
rs73628417	A	0.0838
rs57274092	A	0.1445
rs61966117	C	-0.0989
rs149806463	A	-0.1534
rs117982928	A	0.2096
rs7323182	A	0.0304
rs9523678	T	0.0385
rs9590132	T	0.0872
rs1571994	T	-0.0397
rs11840979	C	0.0317
rs117197199	A	0.1227
rs803749	A	0.0591

rs2017328	C	-0.0292
rs9524955	C	0.0395
rs17589594	G	-0.066
rs80159452	C	0.0636
rs1253464	A	-0.0316
rs75548938	T	0.0793
rs117731200	T	0.2973
rs7986861	C	0.0406
rs75260074	C	0.1582
rs1445256	C	-0.1088
rs140334137	C	-0.1043
rs9564755	A	0.1157
rs116846964	G	0.0943
rs78915924	T	-0.1605
rs13378669	T	0.0706
rs1981300	C	0.2144
rs9545726	T	0.0373
rs2352029	C	-0.0302
rs150224242	T	0.2051
rs112600131	A	0.0371
rs35049550	A	0.1413
rs17238955	C	0.134
rs78182982	C	0.0758
rs2388086	T	-0.0665
rs12865496	C	0.0359
rs140976421	A	0.115
rs9528277	A	-0.0342
rs4773628	A	0.0483
rs147861723	A	0.112
rs1928923	G	0.1661
rs117564380	T	0.1858
rs2806965	A	-0.0294
rs2762158	C	0.0326
rs11147578	G	-0.0432
rs9301351	T	-0.0441
rs745679	T	-0.0344
rs2146368	T	-0.0366
rs78966323	T	0.2008
rs147037586	C	0.0811
rs8192880	G	-0.071
rs9568493	C	-0.0953
rs75262136	A	0.0944
rs12584527	T	0.0398
rs7331798	G	-0.0881
rs75385398	T	-0.1444
rs9529854	C	0.0511
rs9551682	C	-0.0345

rs7331878	G	0.0758
rs78400771	G	0.0966
rs71431772	C	0.092
rs7982351	G	0.034
rs9589191	A	-0.0285
rs12871866	A	0.0763
rs141793360	C	-0.1786
rs61689117	T	0.104
rs9548258	A	-0.1248
rs75505727	C	0.0635
rs114484222	G	-0.0427
rs17057348	C	0.0881
rs117598404	T	0.1563
rs12430232	G	-0.0332
rs7325523	T	-0.0295
rs74851951	T	-0.1115
rs6562567	A	0.0406
rs142443341	C	0.1711
rs75713339	G	-0.0655
rs338748	T	-0.0296
rs2182260	G	-0.0816
rs9516271	C	-0.0276
rs4769764	T	-0.0339
rs12583357	G	0.1837
rs1328679	G	0.0296
rs12866320	T	0.2294
rs72640691	C	0.0893
rs9583798	T	-0.1217
rs79542551	G	0.1766
rs908507	C	-0.0513
rs12871724	A	0.1821
rs9518283	A	-0.0283
rs9315584	T	0.0378
rs151079683	A	0.1357
rs143355512	C	0.0729
rs9527041	A	-0.0601
rs112411014	C	-0.103
rs12877547	G	-0.0302
rs150982861	G	-0.2138
rs6561630	T	-0.03
rs9574020	C	0.1492
rs9508804	A	0.0334
rs9595290	C	0.0783
rs61974960	A	0.0617
rs150494637	A	-0.1367
rs7986533	C	-0.0304
rs4942458	C	-0.0443

rs2876725	C	0.0364
rs117455834	T	-0.2233
rs75722246	T	0.0708
rs148064644	C	0.2048
rs9541923	C	-0.2025
rs9645840	C	-0.044
rs113318520	T	0.1451
rs9603644	T	0.0729
rs142725971	G	-0.1234
rs12427899	C	-0.0997
rs72664749	G	0.2095
rs12876070	T	-0.0388
rs150157625	T	-0.1089
rs601210	G	0.0308
rs78750227	A	-0.0753
rs1832106	C	-0.035
rs140449036	A	-0.3019
rs71439787	T	0.1254
rs116932653	T	0.1278
rs12428991	T	0.051
rs113359606	A	-0.1327
rs72655533	C	0.0583
rs310969	G	-0.0349
rs112284848	T	0.0832
rs117088805	T	-0.2189
rs61972404	A	-0.0583
rs490747	A	0.0304
rs9603888	T	-0.0495
rs140860568	T	0.1583
rs78916128	A	0.1718
rs79119110	A	0.0887
rs17186110	G	0.0839
rs6563757	G	0.0288
rs142101424	C	0.1164
rs9600113	A	-0.0847
rs11841788	G	0.0469
rs9576033	G	-0.0655
rs950956	C	-0.0313
rs66467851	C	0.0473
rs75356113	A	-0.1528
rs9530712	G	0.0538
rs1551211	A	-0.0415
rs9563676	G	0.0283
rs7994347	A	-0.0391
rs9315065	A	0.1017
rs148527598	C	0.1746
rs34330275	A	0.1826

rs9301086	A	-0.0393
rs619708	C	0.0358
rs7330083	C	0.0426
rs57465948	A	-0.0471
rs797472	G	0.0288
rs9543357	G	-0.0521
rs9568094	T	0.0568
rs7335465	G	0.0335
rs117158878	C	-0.0821
rs2260728	T	-0.0326
rs75013769	C	-0.0834
rs118142970	C	0.0921
rs75256427	C	0.0957
rs76170004	G	0.1269
rs16971843	T	-0.157
rs79997814	C	0.1448
rs76179905	C	-0.1222
rs74060397	A	0.0666
rs79555745	A	0.0351
rs77833623	A	-0.1222
rs1341651	C	0.0299
rs35782828	T	0.0942
rs138263275	A	-0.0859
rs112172915	T	-0.0557
rs1005720	T	-0.0428
rs72652048	G	0.1791
rs9317181	C	-0.1233
rs117004315	G	-0.0957
rs139227554	T	-0.1147
rs2762173	A	-0.1272
rs34388067	G	0.0292
rs1876582	A	-0.046
rs9552628	G	-0.0575
rs79025709	C	0.1093
rs12431329	G	-0.0466
rs9555417	T	0.0416
rs7337832	A	0.059
rs73227167	T	0.0997
rs9527208	A	0.0349
rs10507495	C	0.0494
rs17196608	A	0.034
rs9539143	C	-0.0279
rs79123680	G	-0.0595
rs9515572	G	0.0819
rs11568643	C	-0.0499
rs75534048	G	-0.0585
rs364807	A	0.0607

rs144045658	G	-0.1307
rs1792	A	0.0349
rs9575943	G	0.0346
rs9520390	G	0.1064
rs75591659	A	-0.1961
rs1536402	C	0.0885
rs9577752	T	0.1523
rs147964815	C	-0.1469
rs7336193	C	-0.0408
rs9539213	T	-0.0331
rs150430472	T	-0.1223
rs144932335	A	0.1345
rs55703690	C	0.0539
rs117137218	A	-0.1304
rs79055314	C	0.047
rs9601362	G	-0.0359
rs7326738	C	0.0348
rs142383988	A	0.1477
rs140998827	G	-0.114
rs9592030	A	0.0456
rs1280921	C	-0.1113
rs139196179	T	0.1653
rs2772354	A	0.0414
rs74129430	T	0.1204
rs12856248	A	0.0492
rs7332135	T	0.0326
rs613285	G	0.0274
rs11616738	T	-0.1084
rs17085484	C	0.0387
rs117220861	G	0.0921
rs1781553	T	0.0291
rs116898958	T	0.1206
rs60045148	T	-0.0876
rs566688	T	-0.0313
rs117348194	A	0.1144
rs546370	C	-0.0486
rs150906733	C	0.0938
rs75208699	A	0.0633
rs7326064	T	-0.0296
rs117932446	T	0.2043
rs9599121	G	-0.0296
rs9599924	T	-0.0335
rs2769924	G	-0.0491
rs11149462	C	-0.0344
rs139403695	A	-0.1517
rs9567921	G	0.1633
rs72635802	A	0.177

rs2629858	C	-0.0277
rs143355870	A	-0.1043
rs34402465	A	0.197
rs117342098	A	-0.131
rs12862444	G	-0.0875
rs7981061	C	-0.0453
rs9564267	A	-0.0301
rs117744712	T	0.1399
rs2989989	A	0.0297
rs75350737	C	0.188
rs7986149	C	0.0277
rs79673002	G	-0.0854
rs9546665	C	0.0464
rs1077728	T	-0.0325
rs4941716	T	-0.0461
rs310913	T	0.2428
rs150231434	T	-0.1353
rs11619435	G	0.0323
rs9594864	T	0.0318
rs77297479	C	0.1117
rs78613944	G	-0.1704
rs654775	C	-0.0427
rs72643898	T	0.0617
rs9600885	A	0.0366
rs7333513	T	0.0321
rs9526666	A	-0.1927
rs61949164	T	-0.0436
rs12427555	G	-0.0413
rs117569086	A	0.1469
rs4438164	T	0.0282
rs150644207	A	0.1447
rs149845173	T	0.0607
rs72665533	A	0.0945
rs11620524	T	0.0572
rs9559843	A	0.0747
rs9508668	A	-0.029
rs117925487	G	-0.111
rs11839270	T	-0.1534
rs6563177	A	-0.0287
rs112749072	C	0.1001
rs12857435	G	-0.0774
rs75822876	A	-0.1456
rs118016066	G	0.1714
rs9549260	A	0.0327
rs9568393	G	0.0819
rs3119852	T	-0.0273
rs71436552	A	0.0795

rs544660	A	-0.0946
rs4390442	A	-0.0277
rs118175937	C	-0.1337
rs9554815	A	0.033
rs66784265	T	-0.033
rs139118354	A	0.2009
rs17371658	T	-0.1409
rs591732	T	-0.0378
rs2147563	T	-0.1373
rs12868944	C	0.0406
rs118097524	C	-0.1237
rs141359020	T	0.0832
rs2209852	G	-0.0271
rs79546691	A	-0.1126
rs9592174	T	-0.0984
rs1961495	T	-0.0475
rs17196184	C	0.0453
rs117605449	A	0.2048
rs9523672	A	0.0924
rs147297494	G	-0.0779
rs2065197	T	0.0859
rs111228055	C	-0.1334
rs78499786	T	-0.2094
rs112675981	G	0.2263
rs11616347	T	0.0692
rs4772328	G	-0.1655
rs117861831	T	-0.1402
rs9604511	G	0.0307
rs74044567	T	0.1279
rs7316967	A	0.0405
rs7339096	C	-0.0285
rs2335356	G	-0.0317
rs599483	G	0.0395
rs117408206	C	-0.0753
rs55968431	C	-0.1276
rs9572105	A	-0.0614
rs7985101	C	-0.0292
rs79446905	C	0.0487
rs73234670	A	-0.1469
rs61962901	G	0.087
rs35717281	G	-0.0679
rs72661056	T	-0.037
rs7990420	C	0.0288
rs55997516	A	0.1141
rs150370162	T	0.1384
rs71427640	A	-0.0428
rs2391247	T	0.0298

rs74239375	A	-0.0707
rs140007151	A	-0.1967
rs11148848	A	0.0271
rs117539652	C	-0.066
rs57565976	G	-0.0507
rs4771753	G	0.0277
rs145485515	G	-0.1197
rs141949429	G	0.142
rs111408325	T	0.1451
rs9575105	C	0.0262
rs55952201	T	-0.1821
rs12877605	C	-0.0402
rs73237459	A	-0.0801
rs202102	T	0.0283
rs73165233	A	-0.1707
rs9588018	G	-0.0867
rs35041881	A	0.0381
rs9574906	G	-0.0376
rs4245321	G	-0.0417
rs7319395	C	-0.0308
rs74988139	C	0.0893
rs55687930	A	0.163
rs56288617	A	0.0415
rs77260008	G	0.0643
rs9601084	A	-0.0311
rs61093123	C	0.1526
rs139096283	T	0.1049
rs9521729	A	0.0285
rs644025	G	-0.0293
rs11839478	T	0.0301
rs78403376	C	0.0479
rs73162518	A	-0.1417
rs261402	C	-0.029
rs9652177	G	-0.0849
rs80259544	T	0.1274
rs17294583	C	0.114
rs77923316	A	-0.0449
rs9513782	A	-0.0346
rs9532546	G	0.0714
rs2297204	C	-0.028
rs4770992	C	-0.0711
rs73173691	T	0.103
rs9551906	G	0.0267
rs7989114	C	0.0787
rs336257	C	-0.0311
rs7985075	C	0.0378
rs9586879	T	0.0263

rs145829196	C	0.1228
rs17506081	T	-0.1484
rs8001751	T	0.0954
rs9555448	G	0.0384
rs9555012	C	-0.0989
rs8002643	T	-0.0289
rs12866680	T	0.0305
rs61947504	C	-0.1362
rs61944522	A	-0.1049
rs2374013	C	0.0311
rs9549162	A	-0.0352
rs7322191	A	0.0383
rs9540189	T	0.1675
rs9544716	T	-0.0296
rs61972028	T	-0.1343
rs3013647	T	0.0334
rs9593289	A	0.0424
rs117928251	T	0.1002
rs11571592	C	-0.099
rs975797	A	0.0405
rs117794006	T	-0.1179
rs147708877	A	-0.2305
rs72643019	A	0.1274
rs1054438	A	0.0829
rs1023168	C	0.0315
rs76859198	A	-0.0461
rs34673420	A	0.1982
rs1962705	A	0.0426
rs76054600	T	0.12
rs77033640	A	-0.1164
rs77051867	A	-0.0807
rs11839559	A	-0.0398
rs9536612	C	0.0477
rs9599479	T	-0.1158
rs74878514	G	-0.1487
rs4375566	G	-0.0302
rs604532	C	0.0289
rs114863770	T	0.1246
rs73237412	T	0.1335
rs78152141	T	-0.1662
rs78898182	A	0.0917
rs4522303	G	0.1577
rs117902758	T	0.1042
rs9572778	T	-0.1302
rs72656122	G	-0.0636
rs74461258	G	0.14
rs74403668	A	-0.0658

rs117848071	G	0.0759
rs9542918	T	-0.0305
rs12868786	G	-0.0346
rs73215226	G	0.0852
rs77120854	A	0.1111
rs141019404	T	0.114
rs12868542	C	-0.1005
rs117559824	T	0.1571
rs2044117	A	0.0321
rs55686775	A	0.0431
rs17677479	G	0.1086
rs117761449	C	-0.0871
rs113387930	T	-0.1045
rs12585597	T	0.0647
rs4943526	T	-0.0594
rs17824904	C	0.0595
rs575536	T	0.0333
rs2774080	T	-0.0268
rs2255870	G	0.0359
rs12428233	T	-0.0496
rs116872481	T	0.1153
rs147349052	A	0.1252
rs2488376	T	0.0307
rs75521495	T	-0.0802
rs74896874	A	-0.083
rs17546817	C	-0.0767
rs1927815	T	-0.028
rs77675700	T	-0.1064
rs143513230	C	0.1418
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rs79878590	G	-0.1311
rs77909419	G	-0.121
rs6491533	G	0.0273
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rs4769989	A	0.0268
rs72623487	A	-0.0496
rs117649719	G	-0.1016
rs9533063	T	-0.0895
rs1170183	C	0.0287
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rs117305425	C	0.129
rs4771796	G	0.029
rs117757370	C	-0.1427
rs4448786	T	-0.04
rs17355129	G	0.0414
rs74380713	C	0.0876
rs495392	A	0.0296

rs74652358	G	-0.0529
rs756350	C	0.0409
rs78100324	C	-0.0537
rs302894	C	-0.0435
rs9512935	G	-0.0544
rs11147566	C	0.1635
rs61965893	A	0.0285
rs111932731	G	0.1064
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rs2116245	T	-0.0275
rs9554952	G	-0.0904
rs9554910	A	0.0537
rs7997645	T	0.1527
rs7333716	T	0.0519
rs143109001	C	0.0476
rs9599379	T	0.0281
rs12100016	C	-0.0284
rs117420412	A	-0.1035
rs117459235	A	-0.1482
rs17055578	G	0.0461
rs3900399	A	0.0363
rs9600078	G	-0.0278
rs116946944	C	-0.0735
rs9556107	T	-0.0302
rs143980657	C	0.1078
rs1331584	T	-0.0441
rs7333754	T	-0.0467
rs803831	C	-0.0276
rs4884959	G	0.0265
rs73181186	T	-0.1109
rs117034092	C	-0.0859
rs141521596	G	-0.1307
rs9506356	G	-0.0301
rs146125012	A	-0.1196
rs73156288	A	0.1705
rs1410644	C	0.0976
rs2765100	T	0.0272
rs118027443	C	0.187
rs148365440	C	0.1347
rs9989102	C	-0.0343
rs9535772	C	0.0268
rs61963304	G	0.0367
rs11616515	T	0.1052
rs73467356	T	0.0955
rs598646	T	0.0325
rs9596024	C	-0.064
rs7995877	G	-0.0522

rs78727383	A	-0.0488
rs7989081	A	-0.0509
rs2182532	C	0.0401
rs1819340	C	0.026
rs35054480	G	-0.1743
rs16960161	G	-0.0662
rs71439539	T	-0.1062
rs10492527	G	0.0579
rs9573170	C	0.0741
rs117305256	C	0.1177
rs142419883	C	0.1288
rs12585793	T	0.0636
rs34900632	A	-0.0986
rs12583269	C	0.1154
rs9506756	G	0.0446
rs680860	A	0.031
rs35843532	C	0.0672
rs9315168	C	0.0527
rs145718000	T	0.06
rs80293082	G	0.0637
rs9316311	A	-0.0277
rs7993270	T	-0.0297
rs9316448	C	0.0322
rs9576131	T	-0.0391
rs9316058	C	-0.0307
rs1928957	C	0.0258
rs61954001	T	0.0965
rs9600747	T	0.1279
rs117858199	T	-0.1544
rs585822	A	0.0265
rs2985923	G	0.0282
rs76126059	C	0.1171
rs79140588	A	-0.163
rs117888852	T	0.0998
rs9529585	A	0.0377
rs183948	T	0.0717
rs17663506	G	0.049
rs9545110	A	-0.0406
rs9603416	A	-0.0288
rs144528381	T	-0.1253
rs12427472	A	-0.0424
rs117005600	C	0.0926
rs348061	A	-0.0452
rs9582849	G	-0.0328
rs59994647	C	-0.026
rs9560692	G	-0.0285
rs117388238	C	-0.0997

rs117166126	C	-0.0874
rs11619055	C	0.1647
rs73220362	C	0.0924
rs8002208	T	-0.0308
rs8000481	A	0.0286
rs73499590	C	0.0891
rs117171636	A	0.1665
rs753708	C	0.047
rs117366092	T	0.2636
rs9551370	C	0.0387
rs2104755	C	0.0307
rs1125084	T	0.0305
rs4386003	T	-0.0299
rs118148380	A	-0.1585
rs113793992	T	-0.1506
rs7326880	C	-0.0263
rs9540935	G	-0.0532
rs7981393	T	0.0441
rs145517461	T	-0.1115
rs143629642	T	-0.181
rs111307617	C	0.1454
rs75052235	T	0.2241
rs118013392	G	0.1553
rs17625019	C	0.1276
rs7320502	C	-0.0285
rs1049669	T	-0.0808
rs7998551	T	0.0329
rs74363207	A	0.1129
rs145083163	T	0.103
rs74403695	G	-0.0923
rs10508093	T	-0.0632
rs2793727	A	0.0437
rs144534381	T	0.1366
rs117085740	T	-0.129
rs55642774	T	-0.0606
rs72647607	A	0.0638
rs79846486	A	-0.0647
rs73235312	T	0.1554
rs17196468	A	0.051
rs78419908	T	-0.0853
rs139587942	G	0.1087
rs1929082	G	0.0923
rs277828	A	0.0295
rs117893833	A	-0.1102
rs80297783	G	0.1461
rs9569160	G	-0.1616
rs76568985	A	-0.0958

rs2094196	C	0.0331
rs75140026	A	-0.0932
rs116851639	G	0.177
rs9512281	A	0.0336
rs140431101	C	0.1539
rs7989683	C	-0.061
rs117020654	C	0.1382
rs7987626	G	0.0345
rs76828349	G	-0.0397
rs3013616	A	0.0258
rs9523303	C	-0.0592
rs17821630	G	-0.0487
rs117145551	C	-0.126
rs78923922	A	-0.07
rs9634621	G	0.0619
rs9514632	C	0.0741
rs12863645	G	0.0656
rs9598030	G	-0.0523
rs143480211	G	0.1726
rs10047685	A	0.0346
rs73154687	T	-0.0888
rs61947317	T	0.0545
rs79503883	T	0.1162
rs9529823	C	0.0501
rs912150	T	-0.0329
rs111402947	T	0.085
rs71449264	A	0.0278
rs55949529	G	0.0441
rs2035162	G	0.1493
rs79497827	C	0.1202
rs147175679	T	-0.1475
rs2219516	T	-0.031
rs77678213	A	-0.1527
rs7981151	A	-0.0527
rs12871200	G	0.0627
rs148003337	G	-0.2581
rs9573712	C	0.0485
rs12865178	C	0.0907
rs146771676	T	0.1615
rs61973368	G	-0.0507
rs61949059	G	0.1593
rs1327946	C	-0.0664
rs9549706	C	-0.0311
rs9548994	T	-0.0261
rs12428146	T	-0.0713
rs9561464	A	-0.1313
rs9552733	A	0.0258

rs149009348	G	-0.1762
rs2005632	G	-0.0329
rs3794387	G	0.0311
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rs73249354	G	0.1152
rs3011530	T	-0.0442
rs77028980	T	0.1052
rs78849428	T	-0.1384
rs1927353	A	-0.026
rs4238179	C	-0.0418
rs113060174	T	-0.1442
rs7323569	C	0.0304
rs9553021	C	0.0269
rs56088819	C	0.0381
rs117247340	A	-0.1279
rs17466543	G	-0.0746
rs60530557	C	-0.0669
rs113081092	A	-0.0555
rs71438028	C	0.0264
rs78721645	T	0.0661
rs78258341	C	0.1036
rs9592818	T	0.0363
rs3918319	C	-0.033
rs17053321	A	0.0836
rs7326471	C	0.0303
rs798964	G	0.0371
rs7988801	A	-0.0448
rs9512995	G	-0.0644
rs117058999	A	0.2053
rs9568662	C	0.0437
rs73207673	C	-0.1906
rs113732511	T	0.076
rs9550501	C	0.0504
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rs17053384	C	0.0264
rs75597919	T	-0.0435
rs111751887	C	0.0647
rs12876689	C	0.0478
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rs73160530	A	-0.0405
rs9579201	T	0.1008
rs77061760	G	-0.1089
rs4941785	C	0.0267
rs1890065	C	0.0301
rs17575902	C	0.0518
rs78779606	G	0.1246

rs75501645	G	0.0877
rs9529804	A	0.0351
rs80311316	C	0.1228
rs9534188	G	-0.048
rs78921240	G	0.1222
rs1415019	T	0.027
rs2476503	C	-0.1181
rs766974	A	-0.0272
rs9553524	A	-0.0282
rs116672378	C	0.0547
rs9510261	C	-0.0394
rs928001	C	0.0258
rs56205391	T	-0.1047
rs9575376	G	0.1323
rs1923712	A	0.1313
rs61957589	T	-0.1291
rs55915951	G	-0.0549
rs4770218	T	0.0352
rs9545485	T	0.0288
rs6490494	G	-0.0315
rs111845874	C	-0.1596
rs35633278	G	-0.0386
rs111653132	T	0.1164
rs73514719	A	-0.0714
rs75163927	G	0.1275
rs9533790	T	0.0317
rs9600964	G	-0.108
rs58933215	A	-0.0777
rs9526742	A	0.0475
rs112065757	A	0.1009
rs11842209	C	0.0442
rs1051518	A	0.0258
rs9578753	T	0.0431
rs7320883	C	0.0505
rs74775762	T	0.1639
rs524566	A	-0.0264
rs10161646	C	-0.0286
rs9594986	G	-0.0265
rs1408683	C	0.0408
rs2791229	A	0.0298
rs118166288	T	-0.1326
rs112531467	T	0.1544
rs80003102	C	-0.1225
rs76559139	C	0.1017
rs74751573	A	0.1592
rs3015364	A	0.0252
rs9533312	T	0.0286

rs114848634	T	-0.045
rs1924958	C	-0.0516
rs9543559	G	0.0359
rs9512376	A	-0.032
rs12428938	G	0.0299
rs4265691	A	0.03
rs61963431	G	-0.1106
rs117928552	G	-0.107
rs9531944	T	-0.0336
rs75004213	G	0.0915
rs72631015	G	-0.1668
rs144339670	G	0.0998
rs7319796	A	-0.0262
rs995292	C	-0.0393
rs116893356	C	0.1579
rs2325405	C	0.0279
rs17555115	A	0.0248
rs12430285	C	0.0339
rs73205499	C	-0.1235
rs10492548	C	-0.0379
rs79086961	T	-0.1695
rs117439427	A	-0.0671
rs78369654	G	-0.1989
rs7139744	T	-0.0289
rs35154575	T	0.0624
rs12876202	G	0.0267
rs74557576	C	-0.0511
rs144511228	G	-0.268
rs73172706	A	-0.1352
rs17822733	C	-0.1135
rs73164546	C	-0.0578
rs80005217	T	0.1002
rs15639	G	-0.0317
rs117096824	A	0.1825
rs16963877	G	-0.1199
rs609993	C	-0.0268
rs140773402	A	0.1899
rs112668690	C	0.0372
rs35673723	T	-0.117
rs7988162	C	0.0385
rs143314948	A	-0.103
rs75594817	A	0.0471
rs117705277	A	-0.0655
rs9301871	A	0.036
rs1590520	T	0.0414
rs1335781	T	0.0402
rs143499400	C	-0.113

rs118151325	C	0.1687
rs2763430	A	-0.0776
rs76745499	A	0.1279
rs72645817	C	-0.0593
rs79360453	T	0.0943
rs9563051	C	0.0375
rs9556486	A	-0.0267
rs34554595	C	-0.0345
rs12429346	T	-0.0485
rs642394	C	-0.0273
rs78567266	T	-0.1723
rs7999204	A	-0.033
rs35247299	A	-0.1226
rs2325154	G	-0.0287
rs117046351	G	0.1505
rs9546952	T	0.026
rs1547676	T	0.068
rs117254280	A	-0.0936
rs7491397	T	0.0274
rs35882646	G	0.0507
rs9510820	T	0.0379
rs9548964	T	-0.051
rs77635932	T	0.0872
rs117471352	T	-0.0874
rs4091792	C	-0.1534
rs12020414	C	0.1114
rs17373233	C	-0.0612
rs67646181	G	0.0316
rs17062543	C	0.1067
rs78379389	A	0.0308
rs7992226	G	0.0268
rs12865494	T	-0.0307
rs73227848	G	0.117
rs143005212	T	-0.1687
rs7999760	A	0.118
rs9534003	G	-0.0458
rs9569096	T	-0.0299
rs74563972	T	-0.0847
rs72657919	A	0.0545
rs78406959	C	-0.1028
rs7331491	G	-0.027
rs7993919	A	0.0488
rs9509962	A	0.0941
rs139841865	T	0.1146
rs151269042	C	0.2167
rs9573767	C	0.0288
rs1360051	G	-0.0336

rs7334278	A	-0.0334
rs139900282	C	-0.1327
rs9518379	T	0.0382
rs73171283	G	-0.0739
rs117812580	G	0.1756
rs9645854	T	0.0491
rs112322666	C	0.0817
rs17063823	G	0.0416
rs6492297	C	-0.0263
rs9548444	G	0.026
rs17220870	T	-0.0781
rs9273	A	0.0276
rs79696482	G	0.0871
rs117821173	T	0.1414
rs2039918	C	-0.0487
rs151013158	T	0.1926
rs9567251	C	-0.0493
rs9596269	T	-0.1324
rs76286740	T	-0.2041
rs1985809	G	0.035
rs57071728	C	0.0364
rs9318719	T	0.0829
rs78946530	A	0.0931
rs74739154	G	-0.1523
rs9567823	C	-0.0283
rs11149173	A	0.075
rs113910441	T	0.0525
rs76558797	C	-0.0544
rs9511007	C	-0.0348
rs118040040	G	-0.1278
rs9535047	A	-0.0374
rs61965861	T	0.0272
rs7996689	A	0.0271
rs61945926	C	-0.0511
rs4636787	T	-0.0274
rs112157588	A	-0.1636
rs141421292	T	0.1888
rs4551912	C	-0.0941
rs9520576	A	-0.0402
rs78258405	T	0.0562
rs9597717	C	0.0256
rs74864849	A	0.0458
rs148201425	G	-0.1674
rs9567874	G	0.0397
rs646169	G	-0.0339
rs17463556	G	0.0838
rs61956678	A	0.0519

rs74913724	A	-0.2344
rs17070756	G	0.054
rs2991010	A	-0.0568
rs2011847	T	0.028
rs1556567	A	-0.0285
rs12864998	C	-0.0365
rs1278775	G	0.0511
rs7988931	A	-0.0274
rs117671409	G	-0.115
rs117773044	C	-0.1502
rs117049820	C	0.1309
rs2026160	C	0.0323
rs77848566	C	-0.057
rs149406003	A	0.2046
rs2503339	C	0.027
rs144219823	A	-0.0932
rs9516176	T	-0.1002
rs9557473	C	0.0804
rs141617049	T	-0.211
rs145494927	T	0.1204
rs2066621	G	0.0651
rs73204495	T	0.196
rs9539478	T	0.0897
rs142142164	A	0.2286
rs117682988	G	-0.0865
rs138191811	C	-0.1327
rs17089636	C	-0.0466
rs72644716	A	0.0626
rs147104101	T	-0.0766
rs378953	G	0.0331
rs117815277	G	-0.1327
rs9510784	T	-0.0272
rs11616660	A	-0.0282
rs9543552	T	-0.0315
rs9601660	T	0.0282
rs4641607	G	-0.0373
rs61944147	T	0.1423
rs118138900	T	0.157
rs3742254	T	-0.0294
rs4567565	A	0.031
rs117872229	G	0.0571
rs71440170	A	0.0512
rs75647855	G	-0.1501
rs117482297	A	0.052
rs9317638	C	0.0287
rs9574236	C	0.0279
rs73549805	T	0.1093

rs9634650	A	0.0939
rs629792	T	0.0466
rs9599813	A	0.0243
rs117529504	A	0.0797
rs116969557	A	-0.1156
rs17073815	A	0.1467
rs9531872	C	-0.096
rs61965863	T	0.0555
rs9590823	T	-0.1444
rs67576282	G	0.055
rs117153009	C	0.1272
rs9531436	T	-0.0611
rs17451747	A	-0.1654
rs9531889	A	0.0438
rs57530609	T	0.0698
rs9521372	T	0.0392
rs76957519	A	-0.0994
rs61949185	C	-0.0452
rs79013293	C	-0.1503
rs1019865	T	0.0419
rs599896	G	0.1534
rs9544475	A	-0.0845
rs7328178	C	0.025
rs17402485	A	0.1437
rs9556967	G	0.0242
rs75078792	T	0.0984
rs144597041	A	-0.0505
rs7999142	A	0.0889
rs76772078	C	-0.0941
rs2010997	A	-0.0243
rs9574299	T	-0.0296
rs35085905	C	-0.1628
rs36206505	G	-0.1349
rs7990839	A	-0.0976
rs41286955	T	0.0316
rs111378000	G	-0.0549
rs75139820	A	0.1012
rs2073994	T	-0.0288
rs78391032	T	0.0475
rs145283631	T	0.1065
rs73197829	A	0.1016
rs11148421	A	-0.0294
rs2328974	C	0.0256
rs73234640	A	0.1601
rs12864807	G	-0.1117
rs7336303	A	0.0933
rs7491772	A	0.0334

rs78814536	G	0.0658
rs4257094	T	-0.0295
rs77419476	C	0.0569
rs9581766	T	0.0672
rs12868800	T	-0.0642
rs4771635	A	-0.0244
rs80316028	G	-0.0844
rs2242482	T	-0.0298
rs9563031	C	0.0505
rs73535830	T	0.1358
rs144684072	A	0.1401
rs113612281	T	0.0835
rs78806795	G	-0.1228
rs797195	G	-0.0257
rs2540524	T	-0.0411
rs139705800	A	-0.1114
rs141171075	A	0.1019
rs78087011	C	0.0571
rs75221064	C	-0.1695
rs118139249	C	0.1541
rs1932628	T	0.0608
rs17472169	G	-0.0314
rs117152293	G	0.1738
rs76315059	G	0.1019
rs9582651	C	0.0998
rs113145329	A	-0.0457
rs7319375	G	-0.0258
rs78416037	T	0.0502
rs61962729	G	0.0799
rs7322822	C	0.0251
rs9587551	T	0.0414
rs35962897	T	-0.0266
rs148826807	A	0.1835
rs7993500	T	0.0261
rs9531254	A	-0.0813
rs77071503	T	0.0723
rs147265812	T	0.0358
rs11838441	T	0.05
rs74112070	A	0.0351
rs17070878	C	0.057
rs9591115	C	-0.0501
rs74582065	G	-0.0791
rs4771962	A	-0.0252
rs56157242	G	-0.0262
rs9315962	C	-0.0267
rs141113969	T	-0.222
rs58680597	T	0.145

rs7325069	G	-0.0285
rs150304490	A	-0.1491
rs4942511	C	0.1212
rs112721284	G	0.1422
rs10507316	T	0.0277
rs7987284	A	0.0374
rs78510408	A	0.0467
rs16953597	T	0.09
rs9513379	G	-0.0261
rs9552151	T	-0.0357
rs7996510	T	-0.0579
rs9558842	T	-0.0407
rs117461248	A	-0.1576
rs4941458	C	0.0508
rs2478298	T	0.0267
rs61959636	C	-0.1148
rs1928928	T	0.028
rs9521595	C	-0.0408
rs385748	C	0.1644
rs2172725	A	0.0249
rs11839824	T	-0.0309
rs9574265	T	-0.0427
rs138474644	A	0.225
rs73554061	G	-0.0717
rs7995929	G	-0.0283
rs74338237	C	-0.0486
rs61961489	G	0.0641
rs142468399	A	-0.0994
rs117794168	A	-0.0994
rs55877860	G	0.0823
rs78256467	G	0.1363
rs116864334	T	0.099
rs7400001	T	0.0644
rs17074223	C	0.0913
rs2313626	G	-0.0297
rs75702440	T	0.086
rs73155954	T	0.0812
rs143407415	A	-0.1811
rs74920744	A	-0.1568
rs1781552	C	-0.051
rs139175376	T	0.0729
rs117623735	T	-0.081
rs73182702	T	0.0865
rs10507799	T	0.0801
rs72638962	A	-0.0495
rs7993948	A	0.0399
rs72656088	A	-0.0678

rs4770360	G	0.0348
rs9543454	G	-0.0249
rs41281116	G	0.0486
rs2320968	G	0.035
rs143708507	A	-0.1099
rs56345108	G	-0.0886
rs17681594	T	-0.0405
rs9562605	T	0.0323
rs10507557	A	0.0739
rs7337544	C	0.0302
rs9543275	T	0.0363
rs79781595	C	-0.1479
rs78440462	A	-0.1457
rs55826217	C	-0.0314
rs117144912	A	0.0724
rs9572494	G	-0.0584
rs1759857	A	-0.0365
rs9529353	T	0.095
rs9577599	C	-0.0288
rs2251904	A	-0.0296
rs1413191	T	-0.0307
rs9524542	C	-0.1397
rs4128358	C	-0.0302
rs1571070	T	0.0258
rs66519412	A	-0.0399
rs77263004	G	0.0562
rs4943364	T	0.0375
rs77768806	A	-0.0794
rs61961954	G	-0.1904
rs9552595	T	-0.0392
rs11840149	C	0.0573
rs12861586	A	0.0421
rs117201520	C	0.1209
rs1327731	C	-0.0271
rs73189549	G	-0.0594
rs9541348	G	0.055
rs9318206	G	-0.0334
rs61965887	A	0.0655
rs2491223	T	0.0301
rs77978513	C	0.1379
rs6563528	C	-0.0435
rs9588787	C	-0.024
rs8002289	C	-0.0278
rs9589933	A	0.0611
rs76551508	G	0.0822
rs9555329	T	0.0423
rs149829813	A	0.13

rs9552092	A	0.0254
rs9572813	A	-0.1144
rs2210078	C	-0.035
rs147106877	G	0.1409
rs1867767	A	-0.0628
rs150962244	G	0.1287
rs9589218	G	0.0791
rs117526480	G	-0.1219
rs12583767	C	0.0658
rs9597868	C	0.0279
rs117080137	C	-0.171
rs9570581	A	0.0525
rs9525577	G	-0.0584
rs117485850	T	0.1195
rs142788815	C	-0.1237
rs9530364	A	0.0247
rs1983981	A	0.0297
rs141758128	T	-0.0802
rs143765635	T	0.1113
rs9568988	A	-0.1199
rs117878781	T	-0.1577
rs17526316	T	-0.0265
rs61947277	A	0.038
rs117782169	A	0.145
rs7335658	C	0.0268
rs72659254	A	0.1135
rs150486428	A	-0.094
rs112666015	G	0.0929
rs79606210	A	0.1165
rs117421756	A	-0.1539
rs78045646	C	0.1749
rs9564952	C	-0.0291
rs72643221	T	0.0428
rs112912809	T	0.1704
rs6560951	G	0.0462
rs61946681	A	-0.1447
rs7324529	G	0.0322
rs140427409	C	0.1174
rs139666319	A	-0.1387
rs78755892	G	-0.1521
rs9519252	T	0.0428
rs114236336	G	0.0806
rs4770993	T	-0.0284
rs4074542	T	-0.0458
rs66522453	C	-0.0448
rs111558048	G	-0.1563
rs142197285	T	0.1448

rs9567377	T	-0.0368
rs117326002	T	0.172
rs3936415	A	-0.0317
rs34425674	G	0.0922
rs4771308	G	-0.0274
rs1274748	G	-0.0245
rs35926204	C	-0.0499
rs1536433	T	-0.0373
rs9538499	G	0.0262
rs17070585	A	-0.0486
rs7984977	C	-0.0437
rs10492542	G	-0.0297
rs7325379	C	-0.0293
rs2993272	G	0.0319
rs9591262	A	-0.0836
rs9509698	A	-0.032
rs9316735	T	0.0495
rs1570614	T	-0.0242
rs79591795	G	-0.091
rs6561653	C	0.0488
rs148532534	G	-0.137
rs79396923	A	-0.1163
rs11841375	T	0.0873
rs73560539	T	-0.0627
rs9555041	C	0.0263
rs72659617	G	-0.0563
rs77446044	T	-0.0671
rs61946617	T	-0.2036
rs113852029	A	-0.0914
rs9513352	C	0.0338
rs75046731	T	-0.0747
rs117679960	T	-0.1407
rs116953185	G	-0.1021
rs9508623	A	0.0262
rs314871	A	0.085
rs73155935	G	-0.0551
rs9581881	C	-0.0346
rs12875771	A	0.103
rs17573873	G	0.0904
rs34303571	C	-0.12
rs113984974	A	-0.0446
rs1175964	T	0.0385
rs9547362	T	-0.037
rs4771503	G	-0.025
rs149098395	C	-0.1341
rs7991515	T	-0.0536
rs117638478	T	-0.1177

rs76095857	A	0.1736
rs9561826	A	-0.0355
rs141851553	C	-0.1508
rs150889245	G	0.1253
rs61963048	A	0.0271
rs116904512	A	0.1185
rs116867736	T	0.1443
rs9604007	G	-0.0309
rs1571786	A	-0.0247
rs12869148	T	-0.0366
rs17326155	A	-0.0448
rs2121416	A	0.0415
rs79591537	G	0.0792
rs80233473	G	-0.0682
rs74899623	A	0.0638
rs2151399	T	0.0241
rs78779183	A	-0.1339
rs9557951	G	-0.0337
rs35670592	G	0.0686
rs77657652	C	-0.1403
rs2325194	G	-0.0243
rs3825481	C	0.0529
rs74463755	T	-0.1385
rs12874395	G	0.0997
rs80268796	A	-0.1998
rs139810514	G	-0.1293
rs34188777	A	-0.162
rs141240681	A	-0.1784
rs72645975	A	-0.0945
rs4334138	T	-0.0241
rs71435117	C	-0.1105
rs147542244	A	-0.0791
rs1331697	T	-0.0283
rs79846263	G	-0.1525
rs55997914	C	-0.0648
rs7330529	A	-0.0403
rs116970645	C	-0.0601
rs11841892	A	-0.0321
rs117309590	A	-0.1619
rs146821922	C	0.1434
rs111476490	A	-0.0479
rs117514356	C	-0.1014
rs1686806	T	0.0584
rs4769620	T	0.0291
rs112242303	G	-0.1508
rs9523516	G	0.0262
rs73181234	A	-0.1967

rs2765315	A	0.048
rs263933	G	0.0401
rs73169247	T	0.121
rs7990212	G	-0.0333
rs142554904	T	0.1493
rs11147445	T	0.0483
rs9582680	T	-0.0242
rs2810436	G	0.0534
rs7998070	C	0.0257
rs9513878	C	0.0255
rs9600221	A	0.0277
rs359374	T	0.0289
rs75462671	T	0.0909
rs9521102	A	0.0375
rs71427671	T	-0.0557
rs9586302	A	-0.053
rs61948361	T	0.1485
rs75485808	C	0.1138
rs9516920	G	-0.0547
rs75486606	T	-0.043
rs503116	C	0.0322
rs56104457	C	0.112
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rs55726581	C	-0.0557
rs73545967	T	-0.0512
rs4341632	A	0.0398
rs9541198	G	0.0641
rs111826885	T	-0.2071
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rs9551096	T	0.0423
rs78808216	C	-0.1159
rs308641	C	0.0239
rs56978466	G	0.0461
rs61968656	C	-0.0421
rs7986336	A	-0.0592
rs117825906	G	0.0377
rs783442	G	-0.0545
rs6492067	A	0.0242
rs17571921	G	-0.1482
rs12856048	G	0.0325
rs2324532	T	0.0304
rs9584995	G	-0.038
rs75611254	A	0.1066
rs4595655	G	-0.0351
rs17078481	A	-0.1375
rs79221725	T	-0.0902
rs12430098	A	0.0779

rs2994854	A	-0.0288
rs9519026	G	0.0926
rs76314344	A	0.1131
rs9600171	A	0.025
rs113793727	T	-0.0844
rs117812823	A	-0.0959
rs9565053	T	-0.0356
rs9508776	C	-0.0318
rs4943649	A	0.0506
rs76494798	A	-0.1177
rs9552345	G	-0.0282
rs114595966	T	0.1188
rs17072510	A	0.0679
rs55784866	T	0.0864
rs2119758	G	0.0316
rs17628662	C	-0.0388
rs117146448	A	0.0773
rs117859657	T	0.0761
rs17311299	C	0.1037
rs117423498	T	0.16
rs9318453	C	-0.0246
rs1075386	A	0.0307
rs9319269	G	0.0257
rs4769276	A	-0.0234
rs73211363	C	0.043
rs117455241	T	0.1214
rs9523484	T	-0.0253
rs78686405	C	-0.153
rs9575331	A	-0.0243
rs9603071	T	-0.0388
rs55788723	C	0.0476
rs139733882	T	-0.0971
rs9557561	A	-0.0426
rs113886917	C	0.1976
rs2765611	G	-0.0384
rs117532285	A	0.1019
rs74111729	G	0.0345
rs149475069	T	0.1919
rs79062268	C	-0.072
rs9579298	T	-0.0365
rs9521456	A	-0.0452
rs142610412	C	0.1515
rs9536185	A	-0.0249
rs2225376	T	-0.0474
rs80207445	G	0.0809
rs9573156	A	-0.0457
rs116970161	T	-0.1425

rs139713110	C	-0.0849
rs35350094	T	0.0528
rs9534688	C	-0.1444
rs7319060	G	0.0683
rs151127911	C	-0.0721
rs142215853	T	0.0591
rs147379176	T	-0.1233
rs9512990	T	-0.0295
rs9551686	C	0.0473
rs9540088	T	-0.0239
rs77355903	C	0.1553
rs12430692	T	0.1048
rs9510523	T	0.0315
rs140392030	T	-0.1613
rs10507525	T	0.1721
rs17592574	T	0.0643
rs57959883	A	0.0322
rs17614808	C	0.1717
rs73165181	G	-0.1023
rs4770407	A	0.0244
rs4770356	T	-0.0844
rs9551343	A	-0.0242
rs113088576	G	0.0533
rs9566715	A	-0.0334
rs2893254	G	0.0242
rs696788	C	-0.0404
rs17693926	C	0.0465
rs118113302	C	0.1772
rs9550817	G	0.0314
rs7993549	T	-0.114
rs140544484	A	0.1447
rs57146657	G	0.1648
rs35177290	C	-0.1125
rs12864849	C	0.0568
rs116912626	A	-0.0992
rs17524520	T	-0.0927
rs2106583	G	-0.024
rs117427810	C	-0.1321
rs79534864	A	0.0859
rs4447265	T	0.0408
rs117814941	C	-0.1295
rs9534380	T	-0.1142
rs7987313	C	-0.0279
rs72638451	T	0.0527
rs1924372	C	-0.0386
rs74361890	G	-0.0995
rs75009624	A	-0.1723

rs77184853	T	0.0997
rs61951598	G	0.0468
rs150002771	A	0.0919
rs2607647	A	-0.0436
rs9574541	A	-0.0281
rs12430330	T	0.0546
rs806318	C	-0.097
rs137888443	T	0.1516
rs1888322	T	0.025
rs71440059	A	-0.054
rs116904878	A	-0.1316
rs9521415	T	-0.03
rs9551543	T	-0.1137
rs9989106	T	-0.0332
rs73492556	T	0.081
rs17055997	G	0.0365
rs9534021	A	0.0607
rs951095	T	0.0247
rs7337570	A	-0.0622
rs667684	C	0.1057
rs74930814	A	0.0641
rs9582704	A	-0.0376
rs9515881	A	-0.051
rs12869952	T	0.1141
rs184467	G	0.0242
rs17343998	A	0.0905
rs138669727	A	0.1179
rs7320337	C	-0.0243
rs76661894	A	0.1001
rs628669	A	-0.0529
rs56077446	G	0.0444
rs7338303	A	0.034
rs74436687	G	0.1179
rs12430029	C	-0.0972
rs7328137	C	-0.0234
rs2503415	A	-0.0252
rs73208814	T	-0.1364
rs61973051	G	0.0701
rs16969363	A	0.0522
rs34879492	A	0.0272
rs73557139	A	-0.0727
rs9558770	A	0.0587
rs36106903	G	-0.037
rs71440031	G	-0.1092
rs7984206	T	-0.0394
rs78236301	T	0.0507
rs7318008	T	0.131

rs9510675	C	-0.0435
rs117187433	A	0.0875
rs17378869	A	0.0324
rs140631042	G	0.1513
rs1925096	T	0.0234
rs3920599	A	0.0253
rs148213172	G	0.1152
rs142149245	A	0.1736
rs61955165	G	-0.1614
rs71446654	A	-0.0745
rs73208264	A	-0.0668
rs1318007	C	-0.04
rs2657099	T	0.0707
rs114124616	G	-0.0558
rs4551898	C	-0.0584
rs116883951	A	-0.0915
rs12430575	T	-0.0813
rs2329140	G	0.0808
rs2876705	T	0.0262
rs4772380	C	0.0232
rs111781274	G	-0.0583
rs9523997	T	-0.0281
rs2985949	T	0.1987
rs9316519	C	0.029
rs9542322	T	-0.0515
rs34206943	T	0.0927
rs77760113	G	0.1805
rs9522318	A	-0.0249
rs554634	C	0.0253
rs72658285	T	-0.108
rs9581232	A	-0.0292
rs9587346	G	0.024
rs12861715	T	-0.0274
rs9515782	G	-0.093
rs61945794	C	0.0563
rs73168478	C	0.0735
rs77268764	G	0.1037
rs67670273	G	0.2032
rs146513369	A	-0.1604
rs76801500	T	-0.0993
rs3011528	A	-0.0366
rs9548162	G	-0.1501
rs17759716	C	-0.0726
rs61967723	C	-0.085
rs117268836	T	0.0689
rs9538872	G	0.0253
rs9547085	A	0.1877

rs117679409	G	0.1252
rs876430	A	0.0249
rs3903889	A	0.0389
rs9548846	T	-0.0276
rs61945022	A	-0.1273
rs9507239	T	0.0254
rs150599165	T	0.2045
rs80070507	T	0.1126
rs73469610	C	0.154
rs77755822	T	-0.1125
rs72481778	A	0.1142
rs9518279	A	0.0265
rs7999318	T	-0.0467
rs56310407	T	0.1095
rs2095534	G	-0.0266
rs2389159	T	-0.0241
rs9532405	A	-0.027
rs7994544	A	0.1283
rs1778798	A	0.0372
rs348050	C	0.0257
rs12430878	G	0.0861
rs116541633	T	0.0859
rs7997659	C	0.0853
rs78659388	G	-0.0696
rs112382281	G	-0.1453
rs118020746	A	-0.0511
rs58355632	A	0.0773
rs117154624	G	0.1127
rs11620331	C	0.0371
rs61968016	T	0.1122
rs113345980	G	0.0614
rs78353093	T	-0.1086
rs658684	T	-0.0285
rs116933337	T	0.1586
rs4728	C	0.0255
rs77544227	A	0.0615
rs678073	T	-0.052
rs4620866	A	-0.0233
rs7993745	T	0.0227
rs76841531	T	-0.1006
rs2481950	A	-0.0602
rs74784569	C	0.0822
rs2174503	A	-0.0312
rs139567150	T	-0.0975
rs7997120	T	-0.0282
rs143464224	A	0.2535
rs7489353	C	0.0334

rs60377947	G	0.0974
rs9525537	G	0.1218
rs145280664	A	-0.0662
rs9532965	C	-0.0298
rs6562412	C	-0.0234
rs79656261	T	-0.0356
rs34622218	G	0.1111
rs79193296	A	0.0491
rs2150622	A	0.0251
rs75823447	T	-0.0586
rs4769177	C	-0.0281
rs3764130	T	0.0255
rs12720124	A	-0.0502
rs528538	C	-0.0228
rs78349858	A	-0.1351
rs17076333	G	0.0367
rs9557986	G	0.0246
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rs117673465	A	0.1225
rs267320	G	0.0953
rs12428833	A	0.0442
rs12428083	G	-0.0428
rs7324250	A	-0.0254
rs5002090	T	-0.029
rs71433015	A	0.0349
rs112289761	A	0.1268
rs77700109	A	-0.0907
rs9519822	G	-0.0331
rs117113690	C	0.113
rs7982266	A	-0.0263
rs4941981	T	0.0348
rs61963721	T	-0.0496
rs117166386	G	-0.1212
rs76058710	T	0.0924
rs61963433	A	0.1511
rs9520499	T	-0.0295
rs1999027	C	0.0423
rs11841192	G	0.0238
rs145931089	C	-0.1459
rs17078137	T	0.1133
rs9530201	C	-0.0225
rs9559327	C	-0.0509
rs75987643	C	-0.036
rs9543719	A	-0.0287
rs35787279	C	-0.0443
rs7333539	C	-0.0246
rs77220976	C	0.0946

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rs117625051	A	0.0865
rs11619552	C	0.0307
rs9574622	C	-0.0229
rs9538408	C	0.0324
rs113242099	G	-0.0508
rs71438102	A	-0.119
rs9561948	T	0.0277
rs17180873	G	0.1011
rs76352577	T	-0.0538
rs1933777	A	-0.1192
rs1927382	C	-0.0246
rs7994473	G	-0.0231
rs73185394	T	-0.0819
rs6561319	C	0.0232
rs78755726	A	0.1341
rs9564791	T	0.0246
rs35492271	C	0.0257
rs36026515	G	-0.0294
rs111857422	T	-0.1046
rs72636483	C	0.0912
rs118073403	G	0.1681
rs61972942	A	-0.0664
rs17056765	C	0.0746
rs142300063	C	-0.0757
rs1890202	A	-0.0244
rs9551408	G	-0.0349
rs9576852	G	0.0225
rs76499695	G	0.1488
rs145001329	G	-0.1219
rs1330987	A	0.027
rs3825516	G	-0.0271
rs874731	C	0.034
rs61945109	C	0.0381
rs7326220	T	0.0546
rs9575759	A	-0.0608
rs2994577	T	-0.03
rs753801	C	-0.0264
rs7327944	T	0.0227
rs9546531	C	-0.0287
rs975590	A	-0.0263
rs55662131	G	0.0485
rs35252889	C	0.1007
rs80303940	A	0.1218
rs117520007	A	0.0653
rs117485890	C	0.0893
rs7995317	A	0.0384

rs9595424	G	0.0821
rs147049646	G	0.0922
rs144810272	T	-0.1005
rs9554178	T	-0.0256
rs17072383	C	0.0427
rs2202781	G	0.0271
rs8001272	T	0.0274
rs2582888	A	-0.1049
rs9579101	T	0.0243
rs139343480	G	0.1241
rs8002164	A	-0.0784
rs56171717	T	-0.1512
rs7999896	A	0.0224
rs58143650	G	0.0411
rs149070058	T	0.0684
rs141429445	T	-0.1459
rs61966110	A	0.0721
rs73170521	A	0.0288
rs117554627	G	0.1597
rs73178133	T	0.1393
rs2876784	G	-0.0223
rs12429252	G	0.0873
rs1831464	A	-0.0414
rs17646185	G	0.0717
rs2504239	C	-0.0333
rs481952	C	-0.0441
rs12873648	T	0.1048
rs72670641	T	0.0373
rs80345711	T	-0.1756
rs138248239	T	-0.1013
rs111291807	G	-0.0541
rs113643534	A	0.04
rs9518080	G	0.0411
rs117323526	T	0.0934
rs116863041	T	0.1426
rs117613198	A	-0.0885
rs9534054	G	0.103
rs74988623	A	-0.0387
rs76010743	A	0.0637
rs71432904	T	0.2152
rs9596161	T	-0.0488
rs61961041	A	-0.0282
rs1016518	A	-0.0397
rs17654765	T	-0.0381
rs12583631	T	0.0492
rs116894761	C	-0.0856
rs117490774	T	0.1036

rs6650287	C	0.1336
rs41327445	C	-0.1383
rs4769538	A	-0.0234
rs17084857	C	0.0397
rs116974114	A	0.122
rs117043858	C	0.0798
rs4494418	T	0.0262
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rs1342607	A	-0.0265
rs9520037	C	-0.026
rs7985765	A	-0.0274
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rs1747232	T	-0.0373
rs117581795	T	0.0944
rs572954	T	-0.0971
rs7995717	C	0.0826
rs79889849	C	-0.0948
rs9512873	C	0.023
rs117440276	T	0.0764
rs7990732	G	0.0269
rs35470892	C	0.0421
rs67744937	T	0.054
rs78638546	G	-0.0821
rs74589835	A	0.0901
rs12874831	C	0.0269
rs61970887	G	0.2084
rs55654055	A	0.1438
rs61973692	G	0.0299
rs4772993	G	0.0576
rs17080164	A	0.0749
rs464886	C	-0.0224
rs617198	T	0.0237
rs288723	T	-0.0258
rs28548226	G	-0.0397
rs7322001	G	-0.0424
rs9586043	A	0.1315
rs117742454	C	0.1501
rs118091718	A	-0.1493
rs3002215	A	-0.0253
rs1782793	G	0.0339
rs150064030	A	0.0782
rs147369673	C	0.0641
rs730747	G	0.0255
rs12868277	A	-0.0513
rs117430476	T	0.0635
rs2296890	A	0.0465
rs145420441	C	0.1808

rs57580006	A	-0.1147
rs17749082	A	0.0525
rs9590755	T	-0.0255
rs1572555	T	0.0242
rs146809093	A	-0.0679
rs73154212	T	0.2086
rs9314925	A	0.0315
rs79421434	A	0.1779
rs77391965	A	-0.1007
rs112317237	A	0.0586
rs17293478	G	0.1296
rs61970531	T	-0.0671
rs78604481	T	-0.1247
rs9645935	T	0.0232
rs73176681	G	0.0957
rs117450985	C	-0.1637
rs9517847	T	-0.0307
rs7990912	C	0.0246
rs7335002	A	-0.023
rs4886111	A	0.0283
rs9528773	A	-0.0983
rs117965898	G	0.0564
rs9318210	T	-0.0235
rs148409871	C	0.1348
rs9318156	C	0.0228
rs55633365	C	0.1002
rs74790550	G	0.0706
rs9550266	A	0.0329
rs16955087	C	-0.1572
rs4771650	T	-0.0665
rs997687	G	0.0231
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rs9580323	T	-0.0258
rs72649647	A	-0.026
rs7337941	G	0.0446
rs112463214	C	0.1048
rs140395979	A	-0.1428
rs75246393	A	-0.1817
rs80062922	T	-0.0593
rs77755215	A	0.0513
rs11619944	A	0.034
rs4770731	T	-0.0262
rs117177597	T	-0.1132
rs61947389	A	0.0487
rs74336327	A	0.0962
rs12856198	T	-0.0336
rs9535423	G	0.0936

rs7331772	T	-0.0982
rs9526309	A	-0.0773
rs4369549	C	-0.0366
rs73619962	A	-0.1109
rs147643978	T	-0.1918
rs143019828	G	-0.1247
rs4148518	G	-0.0475
rs9509047	C	0.0907
rs9566697	A	0.0391
rs77832362	G	0.1951
rs9571599	A	0.0601
rs7323466	T	-0.0237
rs117469165	T	-0.0793
rs816958	G	0.0237
rs609919	G	-0.0276
rs9646033	T	0.0269
rs72643813	C	0.065
rs9513377	T	-0.078
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rs17517286	G	-0.0375
rs9515260	T	0.0748
rs9591369	C	-0.0263
rs138988571	C	0.1121
rs1408676	C	0.0398
rs73228833	G	0.0855
rs117286275	A	0.0886
rs9583102	T	-0.034
rs41275140	T	0.1816
rs73199769	C	0.1096
rs17826022	C	0.0846
rs6490527	T	-0.0474
rs11616202	A	0.0612
rs73498889	C	0.0413
rs4769087	A	0.037
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rs146879779	G	0.1665
rs9527135	G	-0.0385
rs11842080	T	0.0294
rs12868291	C	0.0336
rs35616348	T	-0.023
rs73172556	T	-0.1994
rs772694	G	0.0221

rs145622992	C	-0.2365
rs111383235	G	-0.0891
rs148995403	T	-0.0836
rs55800514	C	0.0433
rs76710832	C	0.1233
rs9599199	C	0.0461
rs4377043	C	0.0291
rs57306992	A	-0.0329
rs77523255	C	-0.1053
rs117487052	G	0.0948
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rs117433999	T	0.1625
rs141182873	C	0.1181
rs2039066	T	-0.0247
rs4770244	C	-0.0248
rs76829361	C	0.1869
rs79539228	G	0.1376
rs116922933	T	0.164
rs9573109	T	-0.1054
rs73168618	A	0.0831
rs12583829	T	0.0233
rs17256020	A	-0.0463
rs9547231	A	-0.0224
rs78982742	T	0.1054
rs1104904	C	-0.0345
rs378609	C	-0.0272
rs142096743	T	0.1018
rs12161845	G	-0.0344
rs9564931	G	-0.0287
rs35749625	T	0.0934
rs80305643	G	-0.0411
rs118028422	G	-0.0789
rs75539633	C	-0.0288
rs7988418	C	0.1534
rs2818207	C	-0.0352
rs1041466	G	0.0247
rs12585964	C	-0.0367
rs17078058	T	0.0873
rs76108001	C	-0.1105
rs2390880	A	-0.1534
rs118164995	T	-0.2003
rs9599755	C	-0.048
rs72633945	G	-0.0506
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rs7336849	A	-0.0282
rs117915686	A	0.0847
rs9515183	T	0.0248

rs141330306	T	-0.0526
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rs117471880	T	0.0984
rs9554989	G	-0.0555
rs55847689	G	-0.0371
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rs17299897	C	-0.0349
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rs9507153	A	-0.1565
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rs61965886	G	0.024
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rs9591831	G	-0.1023
rs117043870	T	0.0779
rs75748108	A	-0.061
rs117177635	A	0.085
rs9597010	A	-0.0343
rs34210944	A	0.054
rs12583825	G	-0.027
rs9515537	C	0.0325
rs2478053	C	-0.067
rs79528914	T	-0.042
rs41405744	G	-0.0962
rs277800	A	0.0377
rs141442364	G	-0.1528
rs17255424	T	-0.0222
rs1470428	C	-0.0428
rs34625562	G	-0.1132
rs61960827	T	0.0481
rs17432602	C	-0.1288
rs73246373	G	-0.1426
rs147542993	T	0.1757
rs9555118	T	0.0708
rs76373413	A	0.1321
rs1543661	C	0.025

rs78545278	G	0.0395
rs75075851	A	-0.0439
rs9317277	A	-0.0244
rs79476563	G	0.0942
rs285048	G	-0.0244
rs57647348	C	-0.1199
rs75052395	A	-0.1263
rs117925427	T	0.0638
rs9555707	C	0.0286
rs7998188	G	-0.0316
rs72642326	C	-0.0871
rs28516772	C	0.0272
rs142743948	C	0.1153
rs139933785	T	0.1648
rs2312982	C	-0.0258
rs9572196	C	0.0226
rs1837970	C	-0.0236
rs17597613	A	0.0541
rs4884293	T	-0.0319
rs76423331	A	0.0812
rs112362383	A	-0.0478
rs117027922	G	-0.1411
rs17063992	G	0.1236
rs117015820	A	-0.1442
rs142890703	A	-0.1522
rs4131131	A	0.0295
rs4238137	T	0.132
rs7994981	T	-0.0457
rs117183548	A	0.0789
rs9519481	G	-0.0285
rs9519961	T	-0.0228
rs56162600	G	-0.0604
rs79998113	G	0.0884
rs116547753	T	0.0949
rs7327146	G	0.0321
rs2762039	T	-0.0249
rs77999292	C	-0.073
rs79219592	C	-0.1064
rs1400902	A	-0.0256
rs3861141	G	-0.0336
rs7317049	G	0.0741
rs117659133	T	0.1979
rs71427660	C	0.0767
rs151243329	A	-0.1094
rs9564991	T	-0.1451
rs73556023	A	-0.0482
rs9552962	T	-0.0714

rs7981107	G	0.0244
rs4536338	G	0.032
rs72661475	T	0.0793
rs116891865	A	0.1495
rs4883965	G	0.0236
rs117103233	A	-0.1843
rs1930855	T	0.0617
rs12873231	G	0.0267
rs114358183	C	0.068
rs9546072	G	0.0381
rs12864768	A	-0.0797
rs140993217	C	-0.1716
rs7329795	C	-0.022
rs17066313	G	0.0238
rs138287204	A	0.1002
rs61946413	T	-0.0483
rs116965579	A	0.1059
rs118068892	T	0.1008
rs7320214	G	0.0722
rs9559215	G	0.0297
rs74809109	A	-0.0867
rs9516239	G	0.0262
rs79249395	G	-0.0983
rs1220593	A	-0.0231
rs111994603	C	0.144
rs77000352	C	0.1933
rs150546301	A	-0.0804
rs9602339	C	-0.0688
rs7989020	C	-0.0239
rs79500212	C	0.1038
rs74500917	A	0.0364
rs34121082	A	-0.0324
rs9515774	T	0.0238
rs9589107	C	-0.0396
rs2810674	A	-0.0742
rs9557136	T	0.0283
rs114238017	C	0.196
rs56055512	T	0.0375
rs667367	A	0.03
rs11164164	T	0.0332
rs117411521	A	-0.1264
rs655888	C	0.0246
rs1418771	T	0.0229
rs7330862	C	-0.0231
rs292461	A	0.0392
rs74472951	C	0.114
rs80001020	A	-0.1134

rs12867736	A	0.0668
rs112682523	T	-0.0817
rs35775797	C	0.0664
rs9539817	C	-0.0232
rs7337227	A	0.1345
rs112462858	T	-0.0379
rs117719342	G	0.1178
rs9318984	A	-0.0796
rs112861080	C	-0.1378
rs9519443	A	0.0241
rs4771176	C	0.0233
rs77193704	A	-0.1233
rs150044709	T	-0.0864
rs79534076	T	-0.1059
rs61199144	G	0.0303
rs9532820	T	-0.0437
rs272092	T	0.0751
rs12184869	T	-0.0378
rs7331404	C	0.0312
rs550985	G	0.032
rs9603883	A	-0.0456
rs148441010	T	0.0706
rs9521000	T	0.0265
rs9555336	A	0.0249
rs146979361	C	0.0872
rs79316274	C	0.1681
rs113129273	T	-0.0774
rs17221707	C	0.0315
rs79608679	G	-0.0746
rs670180	T	0.0221
rs34693231	G	-0.0887
rs17061637	A	0.0407
rs144703198	T	0.0407
rs75252395	A	0.0792
rs112593386	C	0.1418
rs149385227	A	0.1605
rs145838433	G	-0.0814
rs9539123	C	-0.1858
rs9301172	G	0.0224
rs76351188	T	0.1424
rs9532751	T	-0.0595
rs1331525	A	0.0249
rs79089579	G	-0.0599
rs17589035	G	0.135
rs79681174	G	0.1236
rs75610761	T	-0.0439
rs142334315	A	0.0664

rs9554995	T	0.1112
rs71440067	T	-0.0553
rs117351616	T	0.1248
rs12430561	T	-0.0436
rs73229823	G	-0.0544
rs80088417	C	-0.0667
rs12869545	C	-0.0829
rs12871165	A	-0.1145
rs77518972	A	-0.0766
rs55732512	A	0.0582
rs59275990	G	0.0793
rs60326461	T	0.0356
rs73579872	A	0.0743
rs9519253	C	-0.0276
rs67244967	C	0.0327
rs118179261	T	-0.0751
rs35097494	T	-0.1128
rs76869103	G	-0.0314
rs17081918	T	-0.0461
rs77716308	C	-0.0694
rs74063237	C	-0.0676
rs7996111	T	-0.0232
rs55732367	A	0.1475
rs77356701	T	0.0668
rs3936015	A	-0.0212
rs9558405	C	-0.0268
rs7995633	C	0.0291
rs142467530	T	0.0856
rs117855288	T	-0.0747
rs7986988	C	-0.1014
rs9512507	C	0.0325
rs568461	C	-0.0242
rs9521369	A	-0.0287
rs11620042	C	0.1457
rs75342337	T	0.091
rs112764489	G	0.0811
rs140705346	A	0.089
rs9523749	T	-0.0253
rs117960981	C	0.0755
rs9519956	C	0.0644
rs9523522	T	-0.0275
rs79021876	G	0.0429
rs61971991	A	-0.0956
rs144673107	C	-0.0976
rs7996880	G	-0.0653
rs117219709	A	-0.0338
rs144814586	C	-0.1364

rs1344130	T	-0.0212
rs9317447	T	0.0288
rs140958216	C	0.0726
rs2252594	C	-0.0231
rs11618941	A	-0.0667
rs7320156	C	0.045
rs78395198	A	0.0621
rs3848022	T	-0.0211
rs56282551	C	-0.0452
rs71442170	C	0.0289
rs77469553	G	-0.0941
rs61960363	C	0.0741
rs35251082	T	0.0972
rs8001367	G	0.0327
rs9316411	G	-0.0388
rs737461	T	-0.0336
rs7989328	G	0.0247
rs9564622	G	-0.0354
rs117168439	T	0.1358
rs77868869	G	-0.0731
rs2477469	G	0.0238
rs2077054	C	0.0215
rs12584881	C	-0.0332
rs9520799	T	0.0305
rs148453499	T	0.0729
rs61955541	T	-0.1074
rs73198095	A	-0.0937
rs61966778	G	-0.0582
rs17389451	C	0.0922
rs2585557	G	0.0423
rs12430401	T	0.1272
rs9524501	C	0.0328
rs9557788	C	-0.0289
rs7334739	A	-0.0249
rs729032	G	-0.0226
rs61959180	A	-0.0567
rs60535800	A	-0.0372
rs79063287	A	-0.1243
rs289962	A	-0.0277
rs2503419	C	0.0384
rs1156896	A	0.0216
rs1328106	G	0.0242
rs56934236	G	-0.0981
rs112769261	A	-0.0311
rs76439905	C	-0.0734
rs118131161	T	-0.1292
rs3002185	T	-0.0234

rs17076133	G	0.0321
rs73515814	G	-0.0379
rs75834580	C	-0.0902
rs342720	G	0.0342
rs72664936	A	0.0482
rs9318345	G	-0.024
rs75648226	C	-0.0641
rs4391923	G	0.0363
rs9527073	T	-0.05
rs77427303	G	-0.0701
rs9528250	A	0.0396
rs9540682	C	-0.0221
rs7327537	G	0.032
rs117155322	C	-0.1583
rs9516547	C	0.0379
rs683247	C	0.0329
rs1331962	C	0.0217
rs55737426	A	0.1089
rs17253773	G	-0.0815
rs1183184	T	0.0227
rs7984281	C	0.0261
rs117735705	T	0.0564
rs2986982	G	0.0335
rs9559624	C	0.0269
rs117651341	T	0.1332
rs1570453	C	0.1588
rs9532130	C	-0.0212
rs9520144	T	-0.0347
rs9567265	C	0.0245
rs1410276	C	-0.0218
rs56281756	A	0.0215
rs73163498	T	0.1117
rs117436902	C	0.1273
rs139029418	G	-0.042
rs147924719	C	-0.1627
rs12428224	T	-0.0768
rs72638678	T	-0.0998
rs73221523	T	0.0531
rs74919563	T	0.1163
rs78486804	T	0.0741
rs4885106	G	0.027
rs117645117	G	-0.0919
rs72645932	C	0.1038
rs148571951	T	-0.0737
rs9519357	C	0.12
rs1028697	C	0.0246
rs111869326	T	0.1457

rs17576632	G	-0.0553
rs143562963	A	0.097
rs146085673	G	-0.0813
rs10507339	A	0.0505
rs9581811	C	0.0336
rs9508058	A	-0.0286
rs4883798	A	0.1109
rs7320071	T	-0.0221
rs9316248	A	0.023
rs1502067	C	0.0445
rs4943349	C	-0.0504
rs111741301	C	0.0615
rs2298237	A	-0.0463
rs73162774	G	0.0355
rs77005467	C	-0.1149
rs9301029	T	-0.0248
rs6491008	G	0.047
rs78325534	C	0.074
rs2125316	T	-0.0221
rs9591253	T	0.0264
rs17089367	A	-0.1178
rs9601765	A	0.0237
rs144610797	G	0.1079
rs1537538	T	-0.0284
rs9506765	G	0.0217
rs117581693	G	0.1258
rs4772056	G	0.0321
rs12429315	G	-0.0329
rs78642460	A	0.0713
rs117515445	G	0.1213
rs9517296	C	0.0225
rs9572678	T	-0.0224
rs9518366	A	-0.0223
rs149980396	T	-0.0655
rs1537568	A	0.0275
rs1980708	T	0.0243
rs7984946	G	-0.0402
rs9591114	A	-0.0478
rs7358855	C	-0.0223
rs11620616	T	0.1337
rs9509895	C	-0.0281
rs1995967	C	0.063
rs75997974	A	0.1058
rs55633836	A	0.0447
rs9518802	T	-0.0246
rs2296847	T	-0.0844
rs112608779	T	-0.0457

rs148058474	A	0.1611
rs117440787	C	0.0887
rs12429798	C	-0.036
rs9519662	C	-0.0331
rs16950632	A	0.1071
rs76168576	C	-0.1079
rs117334451	T	0.1633
rs1711774	T	0.0227
rs142412347	G	0.1042
rs75161781	C	-0.0964
rs9545262	A	0.0225
rs61956898	T	0.0583
rs76010196	G	0.0779
rs61944547	G	-0.0422
rs7991817	C	0.0229
rs16947718	C	-0.1166
rs9300729	C	0.0303
rs9583110	C	0.0273
rs1926507	T	-0.0217
rs144022366	T	-0.121
rs4483743	A	0.0267
rs77837873	G	0.078
rs77052260	A	-0.0759
rs9557761	G	-0.0288
rs12872033	C	-0.1096
rs73166737	A	0.1555
rs57387518	C	-0.0475
rs314873	C	0.0215
rs74042592	G	0.0355
rs61954874	C	-0.0685
rs67667949	C	-0.0426
rs9538348	G	0.0278
rs145072883	T	0.1207
rs73237437	C	0.0529
rs1765737	G	0.1429
rs75590369	A	-0.0714
rs117287058	C	-0.1165
rs61326032	T	0.0392
rs79372968	C	0.0597
rs55780966	A	-0.0233
rs7999326	T	-0.0337
rs72633073	A	0.1766
rs17072214	C	0.0398
rs79786667	C	0.0993
rs4942450	G	0.0334
rs11620425	G	0.1069
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rs147288586	A	-0.1029
rs139533385	C	-0.1374
rs11618893	G	-0.0762
rs142666558	G	-0.0915
rs146017506	A	0.1458
rs61944824	T	0.0809
rs9579035	T	-0.0507
rs9591182	G	-0.0884
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rs645084	C	0.0272
rs74668197	G	0.0653
rs555722	C	0.0292
rs4943026	T	-0.0219
rs9579518	A	-0.0381
rs2892715	A	-0.0207
rs146755922	G	0.1152
rs144792890	T	-0.0869
rs17056963	T	-0.0558
rs79017257	A	0.0719
rs12866357	T	-0.0342
rs117801595	C	0.096
rs9589960	C	0.0246
rs17446928	C	-0.0614
rs79006638	A	-0.141
rs11070037	G	-0.0636
rs2236373	T	0.0403
rs60740383	G	-0.0265
rs117981974	G	-0.1066
rs9544990	C	-0.0315
rs9594704	C	-0.0228
rs9554597	G	-0.0828
rs7999621	T	0.0344
rs12584985	C	-0.0492
rs139613457	A	-0.0776
rs2065341	G	0.0223
rs9530362	C	0.0222
rs149786877	C	0.1022
rs28435138	A	-0.0313
rs76078464	A	-0.1122
rs55736263	C	-0.0815
rs9533806	T	-0.0335
rs111692659	G	-0.0832
rs117315800	G	-0.1419
rs72659293	A	0.091
rs17082213	T	-0.0534
rs9545761	T	-0.0215
rs9554467	G	0.0517

rs117749258	T	-0.0829
rs9528178	G	-0.0967
rs61963413	T	0.0375
rs118021925	A	0.0749
rs61953625	A	-0.021
rs9550215	A	0.0228
rs538570	G	-0.1496
rs12428860	T	-0.0362
rs34310808	A	-0.0373
rs117429185	G	-0.1113
rs142131650	T	0.1381
rs117168024	G	-0.0788
rs75932360	G	-0.1323
rs446460	C	0.0305
rs9592897	T	0.0425
rs9560769	T	0.0354
rs74040997	T	0.0685
rs117945072	G	0.0978
rs17832446	T	-0.0582
rs2765127	T	0.0261
rs75671497	T	-0.0694
rs117222209	T	0.1661
rs1822750	C	-0.0347
rs1225409	C	0.022
rs140527330	T	0.16
rs117788446	C	0.1255
rs9567144	G	0.031
rs78619243	A	-0.1905
rs118063378	A	-0.1509
rs9548897	C	-0.0289
rs61950123	C	-0.0737
rs61965889	C	-0.0404
rs9652147	G	0.0306
rs118035253	C	0.1399
rs140046444	T	-0.1461
rs72657746	C	-0.0828
rs4457852	G	0.0442
rs7997939	C	0.0269
rs28673319	A	0.1503
rs117992300	T	-0.0725
rs149823110	C	-0.0451
rs2760111	C	-0.0253
rs10507393	C	-0.0228
rs17181761	C	-0.0227
rs146660670	A	0.1063
rs56012756	T	-0.1148
rs78506973	T	0.1543

rs76654671	A	-0.1691
rs112525972	G	0.1026
rs76071977	G	0.0676
rs34732943	A	-0.0639
rs55728203	A	0.0271
rs61954000	A	0.0799
rs9536663	T	0.0545
rs1854228	T	-0.0406
rs78951637	A	0.0406
rs138726940	A	-0.099
rs4943121	C	0.028
rs11620330	C	-0.0365
rs61966322	G	-0.0438
rs7987231	A	0.0618
rs76658165	T	-0.0779
rs9521701	G	0.0523
rs144796821	C	-0.1282
rs4772405	G	0.03
rs9511700	A	0.0383
rs78380977	T	0.1128
rs116984316	C	0.1183
rs80287632	C	-0.0465
rs9549363	A	0.0307
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rs2874964	G	0.0313
rs7996532	A	-0.0216
rs77051932	A	-0.0715
rs12428847	T	0.0504
rs111466529	T	-0.0508
rs17222191	C	-0.1602
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rs7997154	G	-0.0289
rs73155840	A	0.0243

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rs35734605	T	-0.0736
rs112836253	T	0.0867
rs56114258	A	0.036
rs1391040	T	-0.061
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rs73154650	T	-0.1366
rs17333428	A	0.0407
rs117376266	A	0.1341
rs61965542	A	0.0552
rs60925199	T	0.0288
rs7317084	T	0.0332
rs73171130	C	-0.034
rs75122627	A	-0.0769
rs73180078	A	-0.1363
rs7334611	T	0.0238
rs75105118	T	-0.0243
rs9510279	C	0.0221
rs943385	T	-0.0233
rs2078326	C	0.0217
rs7328376	T	-0.0392
rs12854177	T	-0.0672
rs9518861	G	-0.032
rs9515115	G	-0.0231
rs145866725	C	0.0703
rs113720505	A	-0.061
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rs73197995	A	-0.0544
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rs56015229	A	-0.0581
rs77857824	G	0.1351
rs12873049	G	0.11
rs9520836	G	0.0253
rs9580874	C	0.0737

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rs9530007	C	-0.0203
rs12856308	A	0.0223
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rs9590229	T	0.0221
rs9514081	C	0.0591
rs79893342	A	0.053
rs2802514	T	0.0413
rs41286135	A	0.0992
rs17076104	T	0.0281
rs61965313	C	-0.0662
rs4884892	T	0.029
rs1953657	A	-0.0327
rs3962506	T	-0.0545
rs9529929	A	0.0264
rs2389093	G	0.0215
rs77784949	C	0.1162
rs143454100	G	0.0506
rs1409174	A	0.0202
rs2770237	C	-0.0215
rs9535125	T	-0.0295
rs148742110	C	-0.1115
rs75274916	T	0.0752
rs117799003	C	0.1314
rs7997327	G	-0.1336
rs116855004	A	0.0859
rs7983764	T	0.0222
rs2480172	T	0.03
rs79203507	G	0.1948
rs79901787	G	-0.1069
rs7328279	A	0.0853
rs146690111	A	-0.0673
rs71433159	C	0.0709
rs17086031	G	-0.0833
rs61975861	A	-0.0349
rs9515116	T	0.0239
rs76444292	G	-0.1294
rs875350	A	0.0727
rs77745691	T	-0.0973
rs1929059	A	-0.0224
rs113977615	G	-0.1365

rs4942845	G	-0.0266
rs9645867	A	0.0223
rs420136	C	-0.164
rs117955501	C	0.0778
rs78781995	T	0.0385
rs77676799	C	0.0602
rs144105730	A	0.1076
rs238328	C	-0.0209
rs73167325	G	-0.1066
rs9563821	G	0.0226
rs2066628	C	0.0363
rs944092	C	-0.0312
rs9547043	A	0.1039
rs75689443	A	0.0938
rs79763908	T	-0.0587
rs1237332	A	0.0435
rs9515527	A	-0.0586
rs9582000	G	0.0501
rs73189674	C	-0.1278
rs912125	G	-0.0235
rs7992136	C	-0.0749
rs61962625	T	0.0404
rs831172	C	-0.0221
rs9523651	A	-0.021
rs61955724	C	0.0884
rs117594792	A	-0.0619
rs9548977	G	-0.0363
rs117449444	G	0.0736
rs117880047	A	0.1661
rs73169602	G	0.0606
rs74061730	T	-0.1222
rs17457561	A	-0.024
rs9526277	C	0.0533
rs7991569	G	0.0212
rs12583965	G	0.0441
rs35229925	A	0.0233
rs9584426	T	-0.0329
rs140676013	T	-0.1605
rs117756160	C	-0.0649
rs61966226	A	0.1584
rs76870174	T	0.0932
rs12874274	C	0.0364
rs17587446	G	0.0725
rs60074257	A	-0.0227
rs79772176	T	-0.0351
rs73541875	T	0.0679
rs9507221	G	0.0204

rs77170850	T	-0.0575
rs7333991	C	-0.027
rs117995507	G	-0.0695
rs9509458	T	-0.0291
rs4941784	G	-0.0199
rs9515959	A	-0.0546
rs117183896	A	0.1265
rs56411758	A	0.0495
rs11617073	A	0.1442
rs76297476	A	-0.102
rs16950968	T	0.0504
rs2389240	C	0.0218
rs17624462	C	0.0404
rs146776324	G	-0.114
rs117913165	T	0.0972
rs659303	T	0.0488
rs76615905	A	0.0806
rs35606802	T	-0.1394
rs72632760	G	-0.1349
rs149637124	C	0.1018
rs4553488	C	-0.0301
rs75276328	C	-0.0981
rs9566215	T	0.0208
rs150390328	T	-0.1272
rs144755277	T	-0.1625
rs9599556	G	-0.0239
rs2031155	A	0.0531
rs723067	C	-0.0242
rs55831801	A	-0.0981
rs112568283	A	0.1414
rs9583484	T	-0.0269
rs2313975	G	-0.0251
rs11841260	C	0.0205
rs79040327	G	0.0956
rs117563009	A	0.0991
rs2328975	C	-0.0215
rs112634401	C	0.0292
rs7981996	T	-0.0744
rs144035638	G	-0.1135
rs74760075	T	0.0873
rs9569743	C	0.0292
rs655077	T	-0.0218
rs140804084	T	-0.1315
rs74397429	G	0.0633
rs61953711	A	0.085
rs1810707	T	-0.0341
rs6602910	C	-0.0217

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rs141399887	T	-0.111
rs1850536	C	-0.0256
rs9542208	C	0.0768
rs79370479	C	-0.1315
rs61944080	C	0.0333
rs9555684	G	-0.1421
rs7490803	T	-0.0217
rs78994837	C	0.0664
rs61958569	T	-0.0551
rs143135226	G	0.0619
rs9707096	G	-0.0307
rs9563834	T	-0.0498
rs4772202	C	-0.0272
rs77597454	A	-0.0743
rs4884961	T	-0.1246
rs9567718	T	-0.0212
rs117607646	C	0.0852
rs3742270	A	0.0216
rs117545424	A	-0.1084
rs77062418	T	0.083
rs1594857	T	-0.0393
rs4907475	G	-0.0239
rs80039624	T	0.0312
rs61964659	T	0.0568
rs9507093	A	0.0421
rs140019583	T	-0.1034
rs12867612	T	-0.0291
rs2311185	A	0.0241
rs78389498	G	-0.1234
rs79115549	G	0.0503
rs11839033	G	-0.0201
rs9518386	T	-0.0224
rs9575558	A	-0.0266
rs61970314	A	-0.0751
rs959027	A	-0.0407
rs75158340	A	0.0616
rs9603729	C	0.1667
rs147603248	C	-0.1489
rs113995317	T	-0.0486
rs586392	A	-0.0237
rs117350425	G	0.0691
rs7994089	C	-0.0211
rs9515157	A	-0.0252
rs2755222	C	-0.0224
rs7326027	G	0.0642
rs149498036	T	0.097

rs9569212	T	0.0246
rs78982007	T	-0.0743
rs72638065	G	0.0825
rs7333816	G	-0.0215
rs9551786	A	-0.0557
rs530275	A	0.0934
rs113010787	A	-0.0815
rs35154663	G	-0.1129
rs117059461	C	0.0384
rs140369925	T	0.1466
rs150617081	T	0.0964
rs9316422	T	-0.0235
rs9285181	T	0.0276
rs12869005	G	0.0247
rs35484007	A	0.0711
rs117089195	G	0.1071
rs423557	C	-0.0524
rs9589683	T	-0.0343
rs116903161	A	0.0902
rs9577822	C	-0.0278
rs73452122	T	0.0484
rs78109512	T	-0.0612
rs6563812	C	0.0217
rs118065361	T	0.1055
rs3895825	G	-0.0248
rs139351119	G	-0.066
rs12853170	G	0.0234
rs9300978	T	-0.0296
rs117689312	A	0.0935
rs7328175	A	0.0374
rs2217141	G	0.0583
rs79100625	A	0.0479
rs12866453	C	-0.0401
rs77172362	A	0.0585
rs111802403	T	0.0881
rs58254804	T	0.0585
rs35149197	A	0.1031
rs149388281	G	-0.1595
rs9516978	G	0.0242
rs1330776	C	-0.045
rs117509646	C	0.0701
rs2770909	T	-0.0263
rs118158864	A	0.0736
rs80349528	C	-0.064
rs58689179	C	-0.0413
rs77745516	C	0.0633
rs9566432	T	-0.0202

rs76792110	A	-0.1421
rs1336671	A	0.0213
rs9543564	A	-0.0911
rs17072135	A	-0.1485
rs17472393	G	0.0827
rs147065627	T	-0.1172
rs9537979	C	0.0211
rs144952992	T	-0.0359
rs77468740	C	0.0493
rs12020265	A	-0.1476
rs34102063	A	-0.1748
rs74921633	C	0.1135
rs17623620	C	0.0216
rs111409357	T	0.1607
rs73200932	T	-0.0471
rs4238168	G	0.0196
rs612836	A	-0.0217
rs9521411	T	0.0313
rs76776453	T	-0.0592
rs73205823	A	0.0665
rs117970730	A	-0.0422
rs73154424	C	0.155
rs117027343	G	0.0796
rs67620261	A	-0.174
rs2791241	T	0.0571
rs9595431	G	0.1312
rs80129728	C	-0.1178
rs67165452	C	0.0458
rs77858481	G	-0.0665
rs9594700	G	0.0365
rs61967758	T	0.0991
rs57520383	C	0.0366
rs111866861	A	0.0598
rs80349010	C	-0.0334
rs78059569	T	0.1007
rs4141774	C	0.0409
rs149654633	T	0.1328
rs4943739	G	0.0457
rs9318068	A	0.1188
rs144295695	C	0.0723
rs75111882	G	0.0969
rs75718276	T	0.1156
rs9545024	A	0.0295
rs7336441	T	0.0234
rs1254236	T	-0.0213
rs56222732	A	0.0454
rs76069111	A	0.1157

rs338706	C	0.0312
rs76794738	A	-0.0808
rs7320698	A	0.1122
rs115712880	A	0.081
rs12873035	C	0.03
rs61961322	T	0.1366
rs9593419	A	-0.0605
rs2875315	T	-0.0965
rs9523057	C	-0.0272
rs139244429	T	-0.0324
rs1980696	C	0.026
rs9587192	G	0.0456
rs76152173	A	-0.1506
rs71436601	A	0.0426
rs1408601	A	0.0244
rs9576786	T	-0.038
rs9517460	G	-0.0329
rs7332924	A	0.0583
rs55787324	A	0.0547
rs4285994	A	0.0206
rs9539691	A	0.0221
rs74580234	C	-0.0529
rs17691989	C	0.0668
rs75399408	T	0.0433
rs7986669	T	-0.0306
rs7321226	T	0.0314
rs7317083	G	0.0237
rs17069858	C	-0.0396
rs9518363	T	0.0214
rs66523812	C	-0.0298
rs9576981	G	0.028
rs9515163	G	-0.0229
rs4942902	T	-0.1132
rs9557478	A	0.0244
rs150623586	T	-0.1324
rs78772362	G	-0.0472
rs9531002	T	-0.0218
rs1336665	C	0.0388
rs9553670	G	0.0638
rs118191050	G	-0.1413
rs4941820	G	0.0263
rs78477405	G	-0.0977
rs7983919	T	0.0196
rs9596706	T	-0.0526
rs3904643	T	0.0945
rs10507816	T	0.0349
rs74605231	A	0.0631

rs148053312	A	0.0708
rs11842621	T	-0.0599
rs17727926	C	0.0529
rs61952801	A	-0.0227
rs12429981	A	0.0731
rs3916938	T	0.0214
rs60560195	C	-0.0261
rs9599940	G	-0.1257
rs117328101	C	0.093
rs56233066	C	0.048
rs141254657	T	0.1125
rs77534450	T	0.0413
rs12184842	T	0.0625
rs7338307	C	0.0213
rs73168453	G	-0.0655
rs1889353	T	-0.0462
rs9520842	A	-0.0318
rs1333347	T	0.0249
rs9585636	T	-0.0205
rs11619641	T	-0.0763
rs9525692	C	-0.0314
rs9572356	G	-0.0403
rs74659495	G	-0.0913
rs2248689	G	0.0192
rs2391246	C	0.1567
rs77972371	A	0.1141
rs78951281	A	-0.0661
rs2244071	A	-0.0239
rs78355229	C	0.0553
rs117744083	C	0.1641
rs17791409	T	-0.0636
rs1730652	T	0.0282
rs12871828	T	0.0453
rs4075532	T	0.0795
rs478811	G	0.0775
rs9526496	A	-0.0371
rs56771427	C	0.0424
rs9525937	A	-0.0291
rs9575335	C	-0.0286
rs34453614	G	-0.1273
rs113357245	A	-0.1419
rs17531144	A	0.0753
rs9537949	A	0.1972
rs4387494	G	0.0423
rs2699353	G	-0.0344
rs4772750	C	0.0228
rs9551475	G	-0.0335

rs73164315	G	0.0564
rs56139521	G	0.0266
rs78188574	T	0.0525
rs4383022	T	0.0542
rs9526720	A	0.0288
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rs76111988	T	-0.0296
rs9524396	G	0.043
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rs924483	A	-0.0342
rs61966237	A	-0.0636
rs9581143	A	0.0287
rs73181261	T	0.0357
rs6490671	C	-0.0301
rs733165	T	0.0606
rs8001456	A	0.0367
rs116893056	C	0.0608
rs4769241	C	-0.0241
rs113219982	G	-0.075
rs142586336	C	0.097
rs2216140	A	-0.0746
rs9314964	T	0.039
rs117867238	T	0.0898
rs9590859	T	-0.0563
rs77243548	C	-0.117
rs11840610	T	-0.0847
rs1417676	A	-0.0324
rs118057151	G	-0.1047
rs79214124	A	0.0751
rs1625299	C	0.044
rs75354138	T	0.0555
rs12428424	G	-0.0409
rs10507431	C	0.0232
rs1573217	C	-0.0198
rs117422539	C	0.0995
rs17066636	T	-0.0594
rs7983225	A	-0.0255
rs279074	C	-0.0207
rs1927390	A	0.0272
rs79893043	G	-0.1304
rs1341852	A	0.0198
rs7317399	C	0.0477
rs9583603	T	-0.0304
rs75713763	C	0.0814
rs7318731	A	0.02
rs78205205	G	-0.0787
rs2496761	A	-0.0198

rs146563314	T	0.0783
rs12864769	T	-0.0207
rs17087428	C	-0.0683
rs117830512	T	0.1196
rs12876138	T	0.0771
rs142645979	A	-0.0996
rs78719509	A	0.1534
rs9553221	G	0.075
rs143900232	T	0.1751
rs17078425	T	0.0221
rs75126372	T	-0.0372
rs9551859	A	0.022
rs12583465	T	0.0191
rs117656837	T	-0.0861
rs41275122	G	-0.0728
rs10507979	G	-0.126
rs118028380	T	-0.1684
rs2796866	C	-0.0202
rs4055938	A	-0.0207
rs80286178	C	0.0879
rs9526457	G	-0.0217
rs75164808	T	0.0417
rs117704247	G	-0.0565
rs2390914	G	0.0221
rs34886117	C	0.0612
rs4466944	T	0.0267
rs75286852	A	0.0894
rs9536424	C	0.0197
rs2146441	T	-0.0259
rs1322794	C	0.1241
rs139839769	T	0.101
rs1163817	A	-0.101
rs4238220	G	0.0809
rs9520952	T	-0.1103
rs17572130	G	0.1363
rs117109354	T	0.0313
rs73188791	C	0.1352
rs7995390	T	-0.0268
rs9532815	G	-0.033
rs117302166	A	-0.0991
rs61950898	A	-0.0963
rs1161285	G	-0.0622
rs4773329	C	-0.0234
rs12583247	T	0.0425
rs61941390	G	0.0429
rs4943344	C	0.0315
rs12875794	T	0.0204

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rs74924307	G	0.036
rs28369309	C	-0.0215
rs76938117	A	-0.1108
rs35806407	A	-0.0339
rs146264651	A	0.0954
rs73215009	C	-0.1363
rs150471148	G	0.113
rs2482089	G	-0.0842
rs12429676	G	0.0329
rs9300504	A	0.088
rs80178872	A	0.1217
rs35510403	T	0.1093
rs9595973	A	-0.0539
rs142269556	C	0.0818
rs143742858	C	0.1352
rs837333	C	0.0201
rs79368031	C	0.042
rs9583073	C	-0.0405
rs61975938	T	-0.0236
rs12876783	T	0.0331
rs6490652	T	0.0402
rs12428351	G	0.0283
rs17532390	C	0.0626
rs117618364	T	-0.1165
rs3135602	A	0.1266
rs138195219	A	-0.1001
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rs12873745	A	-0.0487
rs73241344	G	0.0868
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rs9559918	A	-0.0515
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rs7338841	A	-0.0192
rs74901527	G	-0.1027
rs12874295	T	0.0426
rs501244	T	0.0249
rs73231524	A	0.1363
rs148934532	C	0.0803
rs116867630	C	0.0965
rs117559524	G	-0.0889
rs35696540	A	0.0348
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rs11841886	C	-0.123
rs142937278	A	-0.062

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rs41424745	T	-0.0609
rs2065773	T	-0.0887
rs12863589	G	0.0333
rs116869975	A	-0.1715
rs76105485	T	0.0403
rs4773068	A	-0.058
rs117718764	G	-0.0696
rs9536654	T	-0.0502
rs10492682	T	-0.0228
rs138447227	T	0.0999
rs76603681	A	0.133
rs75101009	G	-0.0738
rs116844818	C	0.1013
rs138566874	C	0.0796
rs151152821	A	-0.1436
rs74239648	T	0.0398
rs9561702	G	0.069
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rs73209082	C	0.0553
rs9554826	C	0.0273
rs17565502	C	-0.0249
rs144334404	G	-0.1561
rs35615357	C	0.0325
rs1323662	T	-0.0265
rs113306025	A	0.0361
rs9538142	A	0.0241
rs9592526	A	-0.0409
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rs9564737	T	0.1598
rs74393057	C	0.0449
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rs76689542	A	-0.1129
rs61965224	C	-0.0522
rs144180069	A	0.1702
rs3117790	G	0.0191
rs79530839	T	-0.0578
rs17089574	C	0.0259
rs140524161	G	0.0917
rs347998	G	-0.0219
rs9564682	A	-0.0238
rs1398460	T	0.0233
rs7319400	T	0.0206

rs9598311	C	-0.0265
rs78885555	A	0.0879
rs17446768	C	0.0464
rs118136643	T	-0.0809
rs112144828	G	-0.082
rs116285503	A	0.0524
rs9590858	A	-0.063
rs147440751	T	-0.1893
rs59118983	A	0.0361
rs143230571	T	0.1346
rs17601039	A	0.0815
rs145925195	G	0.0707
rs150280819	T	-0.0551
rs113571893	T	-0.1321
rs116980783	G	0.1283
rs2769901	G	0.0213
rs2147006	G	0.024
rs74051246	G	0.1252
rs7997870	A	-0.0205
rs1390157	A	0.0238
rs118008398	A	-0.0496
rs4769850	G	0.0231
rs7329619	C	0.0222
rs9528348	C	0.0208
rs4144545	C	0.0381
rs74046556	A	-0.1138
rs34679193	G	-0.0223
rs713548	T	0.0234
rs11840483	G	-0.0914
rs60908277	T	-0.0733
rs117528308	C	0.1039
rs7329761	C	-0.0214
rs9300809	C	0.0202
rs113620874	A	0.1106
rs9601020	G	-0.0317
rs34150250	G	0.0366
rs9554449	C	-0.0255
rs143067192	A	-0.1201
rs140491482	T	0.0821
rs2296189	G	0.0243
rs9539716	T	-0.0238
rs142019525	T	-0.0412
rs28753804	T	0.0259
rs61685412	A	0.0459
rs9551462	T	0.0201
rs12560803	T	-0.0244
rs7139811	A	0.0379

rs7982691	T	0.0302
rs1323116	A	0.0196
rs77704928	A	0.0407
rs1418985	G	-0.0255
rs2281993	G	0.0814
rs77199856	A	0.0244
rs9528378	A	0.0452
rs9552821	C	-0.0198
rs77942989	G	-0.1132
rs73158476	A	0.039
rs9508207	T	0.0226
rs112071502	A	0.1378
rs12430408	C	0.1212
rs954384	A	0.0329
rs74551440	G	0.0496
rs75787566	G	0.0868
rs4773898	A	-0.0368
rs7338209	A	0.0223
rs74619767	A	0.0328
rs4770320	C	-0.0321
rs7996816	C	-0.0288
rs1417795	C	0.0193
rs7334888	A	0.0318
rs56184881	A	-0.0733
rs11617201	A	-0.0189
rs9554167	T	0.0204
rs138182522	G	0.0793
rs117690175	C	0.1945
rs116876275	C	0.1031
rs76080821	A	-0.0685
rs7325236	C	-0.0249
rs1627998	G	-0.0682
rs117284749	C	0.1672
rs17064600	C	0.0217
rs74728015	T	0.1357
rs149091244	A	0.1062
rs2806518	A	-0.0204
rs116864539	T	0.0969
rs11838804	A	0.0268
rs34864255	C	-0.0464
rs7994809	A	-0.0187
rs76274725	T	-0.0254
rs9317652	T	-0.0284
rs1326450	T	-0.0212
rs7139653	C	0.02
rs9538150	T	0.0219
rs72485647	G	0.0326

rs12429732	A	-0.0368
rs6490672	T	-0.0281
rs12855963	G	-0.022
rs142215947	C	-0.0977
rs12869939	C	-0.0199
rs296895	C	0.0335
rs7991384	G	0.0259
rs112163418	C	-0.0649
rs118143763	A	0.0422
rs9597918	C	-0.0767
rs74372689	G	-0.1124
rs79420553	C	-0.1078
rs78083583	T	0.1316
rs79167230	G	0.0776
rs77186189	A	-0.0604
rs78955504	C	-0.0526
rs74388756	C	0.0966
rs147159412	G	-0.0843
rs147653521	G	-0.0998
rs9509791	T	0.1225
rs2073831	T	-0.0221
rs11616333	G	0.0397
rs10492565	C	-0.0342
rs549058	T	-0.0287
rs9506193	G	0.0322
rs148461715	T	0.0907
rs3015376	A	-0.0392
rs10507839	T	-0.0425
rs4463939	C	0.0211
rs117778740	T	-0.0694
rs76313784	C	-0.0509
rs2015360	G	-0.0213
rs61274568	G	0.072
rs732158	C	-0.025
rs138660252	T	0.0853
rs301660	C	-0.1195
rs4769603	T	-0.0281
rs118023855	T	-0.1264
rs2812230	C	0.1083
rs34436998	G	0.0784
rs11148273	T	0.0238
rs71434724	C	0.0225
rs4772053	G	0.0411
rs147467768	A	0.0868
rs113863197	A	0.1401
rs146766750	G	-0.1079
rs73186318	T	-0.0475

rs9566362	G	-0.0323
rs9562583	C	-0.0579
rs12871658	G	0.0345
rs9517711	G	-0.0189
rs117330362	A	0.1084
rs72643903	A	0.1012
rs2181303	A	-0.0289
rs80168542	A	0.0791
rs117001967	A	0.1362
rs831157	T	-0.044
rs117955235	A	-0.0846
rs9522593	G	0.0416
rs75925640	T	0.1106
rs1052037	A	-0.0447
rs11842729	C	0.0255
rs1887706	C	-0.0195
rs9514742	C	0.0251
rs75468852	C	0.0727
rs138778984	A	-0.1157
rs61946369	A	0.0706
rs144760361	T	0.0853
rs144146207	G	0.079
rs9508456	T	-0.022
rs79597335	A	0.0418
rs113560651	C	0.0241
rs12871750	G	-0.0794
rs9543628	A	-0.0289
rs80324389	C	0.0636
rs113541848	T	0.0337
rs9592965	C	0.02
rs9549684	G	-0.0333
rs73223122	C	-0.0799
rs7490856	A	0.0831
rs80127573	C	0.0375
rs9513665	T	0.0203
rs11617370	T	0.0207
rs77818152	A	0.1416
rs9567295	G	0.0909
rs117596581	A	0.0905
rs141844977	C	-0.0864
rs111745315	A	-0.132
rs4519225	C	-0.0203
rs16968510	A	-0.0504
rs7318885	G	-0.0332
rs74835402	C	-0.0627
rs146726676	G	-0.1078
rs76287532	G	0.0921

rs12866780	C	0.072
rs73222177	A	-0.048
rs9524655	G	0.1062
rs17291339	T	-0.0596
rs151133603	C	-0.1218
rs117952203	T	-0.1071
rs117100591	A	-0.0919
rs9318555	C	0.0215
rs77486240	G	0.0386
rs117488196	T	0.0843
rs79984659	T	0.0804
rs77802035	T	0.1147
rs9543860	A	-0.03
rs34610214	C	-0.0815
rs2210294	G	-0.0259
rs13378235	G	0.0286
rs79974523	A	-0.0562
rs79807515	G	0.0675
rs112285699	G	-0.0978
rs2174452	T	-0.0219
rs17705805	T	0.0344
rs17217463	A	0.0466
rs116234916	G	-0.0649
rs9573568	C	-0.0201
rs9532534	T	0.0241
rs1890121	C	-0.1374
rs118140145	A	0.0852
rs112972174	A	0.1356
rs75073260	G	-0.0287
rs77064006	A	0.1759
rs72651010	T	-0.1046
rs73174357	A	-0.0421
rs80232310	C	-0.1084
rs114732713	A	0.1562
rs72657969	A	-0.0258
rs9553542	T	-0.0284
rs9532892	A	0.0198
rs28407723	C	0.0538
rs7982952	A	-0.0193
rs355351	C	0.0257
rs113783605	G	0.0949
rs77159072	T	-0.0875
rs10781703	C	0.024
rs139258033	C	0.0563
rs17082985	A	-0.0529
rs141705164	C	0.0946
rs117966156	A	-0.1124

rs117570312	A	-0.07
rs79344624	C	0.1096
rs58358662	A	0.0839
rs492869	A	-0.0202
rs1329325	G	-0.0298
rs117672001	A	-0.0846
rs138370147	A	0.123
rs532067	A	0.0216
rs141958049	T	0.0451
rs1004938	A	-0.0223
rs150139683	C	0.1009
rs71431563	G	0.0277
rs10508108	T	0.0451
rs2065748	G	0.0836
rs9581679	A	0.0904
rs1342348	A	-0.0352
rs12323228	C	-0.1624
rs118014470	T	0.0723
rs118104941	C	0.0964
rs7989027	C	-0.0191
rs144548576	T	0.0641
rs9527198	A	-0.0241
rs308558	A	0.0623
rs142294397	A	-0.0556
rs954371	T	0.0484
rs9522927	T	0.0239
rs73168531	G	0.0853
rs4770945	C	-0.0194
rs74670243	A	-0.1012
rs35977141	C	0.0741
rs1286887	C	-0.1124
rs79412661	G	-0.0927
rs56270734	T	0.0259
rs7982801	T	0.1484
rs2807481	C	-0.0674
rs2166242	G	0.0298
rs9514445	T	-0.019
rs35833129	G	0.0198
rs7992512	A	-0.0234
rs7325417	T	0.0331
rs75795790	G	-0.0533
rs17337846	C	-0.1515
rs111787614	A	-0.0793
rs117273869	T	-0.1619
rs11617467	C	-0.0257
rs12870098	T	0.0332
rs141636232	T	-0.0999

rs2406429	G	-0.0223
rs9509057	G	0.0252
rs4770866	G	0.0562
rs117935199	C	-0.1668
rs2810681	A	-0.0265
rs157165	T	-0.0219
rs145701663	A	0.0785
rs117970520	C	-0.0955
rs76179436	T	0.0906
rs1928930	T	-0.1088
rs9586971	T	-0.0344
rs16971221	G	-0.0294
rs73482578	G	0.0841
rs10507860	A	-0.0296
rs142437994	C	0.0978
rs1105008	T	0.0641
rs58128805	A	-0.0484
rs73190991	T	-0.0836
rs9535332	A	-0.019
rs12429433	C	0.0265
rs12561118	C	-0.0369
rs10220266	C	0.0479
rs17560110	A	0.069
rs35300183	T	-0.0386
rs1409474	A	0.0357
rs9549791	A	0.0444
rs117271562	G	-0.1155
rs778331	C	0.0368
rs6490975	C	-0.0808
rs118029375	C	-0.1001
rs7332835	T	0.0812
rs9544392	A	-0.1366
rs17808936	C	0.0711
rs6562789	C	0.0182
rs359371	C	0.021
rs17686644	C	0.0397
rs142177454	A	0.1008
rs4473042	C	-0.083
rs117377918	G	-0.1077
rs117777458	G	0.1035
rs75508300	A	-0.0403
rs77567844	A	-0.1047
rs9564287	T	0.0232
rs61952221	G	0.0329
rs73212550	C	0.0847
rs9580858	T	0.1229
rs9542125	T	0.0304

rs79446345	C	0.1213
rs9515278	A	-0.0189
rs79707842	A	-0.0493
rs9574056	G	-0.0224
rs828186	C	-0.0222
rs9569571	A	-0.0196
rs10454645	G	0.045
rs78433414	A	0.0727
rs2209847	G	0.1672
rs586299	G	-0.0183
rs76877603	A	-0.0911
rs9564433	A	-0.0547
rs9530140	A	-0.07
rs116988987	G	-0.099
rs17581968	G	0.0473
rs12876308	A	0.0253
rs79844157	A	0.0425
rs11841652	C	0.0192
rs146054442	G	-0.0914
rs34020075	A	-0.0572
rs117720782	G	0.0936
rs113369569	T	0.1282
rs9549349	G	-0.0264
rs61970098	T	0.0915
rs79497089	C	0.0685
rs4886143	T	0.0498
rs2182490	T	0.0228
rs1986650	T	-0.0198
rs143686545	T	0.1194
rs142989503	T	0.0763
rs34067666	T	0.1129
rs73216483	A	-0.0259
rs9557170	G	0.0262
rs34771850	A	0.0618
rs79342720	C	-0.0657
rs17081444	A	-0.0229
rs74099688	C	0.0355
rs142468433	C	-0.0844
rs146586826	T	-0.0654
rs79072779	T	0.0382
rs4411366	T	0.0201
rs1577156	C	0.0211
rs2818928	A	0.02
rs9544187	G	0.0556
rs73200111	T	0.074
rs75255178	A	-0.0609
rs9561025	C	-0.0326

rs142276107	T	0.0601
rs35903463	T	-0.0612
rs11617072	T	-0.0607
rs79023027	T	-0.0738
rs7995192	T	-0.0698
rs60650492	T	-0.0211
rs73550061	T	0.0466
rs9510194	A	0.0554
rs1406441	A	-0.0662
rs140828515	G	0.1485
rs1014611	C	0.0366
rs1328818	A	-0.0183
rs9557856	T	0.0724
rs140359038	T	-0.1422
rs73210587	A	0.0283
rs61289056	C	-0.0511
rs4769950	C	0.0326
rs117438037	G	0.0804
rs1325802	A	0.0624
rs75577528	C	0.2047
rs66971513	G	-0.0188
rs632225	G	-0.0192
rs78274254	G	0.0755
rs4601904	G	0.1247
rs78175998	C	-0.0644
rs1330605	T	0.0224
rs113200523	G	0.1016
rs12876684	C	-0.0918
rs80005521	G	0.1376
rs118051739	A	0.0541
rs34813542	C	0.0684
rs142103988	T	-0.1271
rs112992048	G	0.0953
rs9560761	C	0.0248
rs4150358	A	-0.0477
rs7323692	T	0.0498
rs9560024	G	-0.0746
rs9324262	A	-0.0279
rs7985788	C	0.0228
rs3790027	A	-0.0298
rs1361002	C	-0.0196
rs9565106	T	0.0231
rs9516855	G	-0.0444
rs144490289	C	0.1122
rs7336911	G	0.0451
rs76545914	T	-0.0458
rs11619859	G	-0.0198

rs10161578	A	0.0306
rs1575900	C	-0.0186
rs2862239	A	-0.0431
rs2806517	C	-0.0517
rs61963224	G	0.1829
rs140263630	T	-0.1081
rs73163953	T	0.1652
rs73191944	A	0.0816
rs9535151	A	-0.0724
rs1923867	A	0.0187
rs76741680	A	0.1624
rs1280915	C	-0.0217
rs17081227	T	0.0418
rs9579254	C	0.0327
rs73175595	T	-0.0724
rs12875287	G	-0.0646
rs148213549	A	-0.0448
rs7999360	G	0.0673
rs79852950	T	0.113
rs2476511	C	-0.0209
rs17062740	T	0.0349
rs77192180	A	-0.0964
rs9510346	G	0.0753
rs359354	G	0.0235
rs78764380	C	-0.0457
rs3782995	G	-0.0745
rs56124941	A	-0.0201
rs77262532	T	0.0467
rs117802632	A	-0.0835
rs73171150	A	-0.0323
rs148950110	T	0.1128
rs140618476	T	0.1302
rs426049	A	-0.0203
rs73184680	C	0.0984
rs9561061	G	0.0198
rs9506969	G	-0.022
rs72665784	C	-0.0534
rs3011501	A	-0.0416
rs73209906	A	0.0534
rs78702124	G	-0.063
rs11843734	T	0.0432
rs141330813	T	0.1306
rs150666704	A	0.1795
rs1175297	T	-0.0188
rs9586267	C	0.077
rs17064399	A	-0.0237
rs61948722	G	-0.1244

rs59683082	C	-0.0598
rs148969566	C	0.1255
rs12863447	T	-0.0297
rs9552958	T	-0.0408
rs117665871	C	-0.0782
rs9567638	C	-0.0829
rs9539600	T	0.031
rs75026201	A	0.0396
rs74966833	T	-0.0441
rs55876237	T	0.0191
rs117617891	C	0.0595
rs117340899	G	0.0672
rs9516377	A	0.0508
rs12872160	T	0.0201
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rs9541664	T	-0.0377
rs79709416	T	0.0985
rs7995709	T	-0.0241
rs9511099	G	-0.0203
rs142884643	T	0.1795
rs9572447	C	-0.0677
rs913563	A	0.1274
rs9525469	G	-0.0377
rs72653601	T	-0.0867
rs3916961	G	0.0189
rs7329677	G	0.0799
rs3995573	G	0.0181
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rs77893667	G	0.0526
rs78442405	T	0.1121
rs73166363	A	-0.0592
rs4586276	T	-0.0272
rs9511351	A	-0.0349
rs7328015	G	0.0193
rs7321855	G	0.0554
rs117365252	T	0.0627
rs139182357	T	-0.0479
rs7322312	A	-0.0243
rs74097468	T	-0.1559
rs139158714	G	0.0681
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rs2390998	T	-0.0194
rs73165289	C	0.0418
rs79991506	T	0.078
rs7327500	T	-0.023
rs11571801	G	0.0589
rs9316801	T	-0.0605

rs117136390	T	0.075
rs117956015	A	-0.0733
rs140929099	C	0.089
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rs9573948	A	-0.0663
rs139168771	C	-0.0917
rs149732759	C	-0.0858
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rs11840932	C	0.0416
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rs9634785	C	-0.022
rs9542766	C	-0.029
rs660359	G	0.0254
rs117984024	A	-0.0353
rs17686973	C	0.0937
rs9523248	A	0.0215
rs323467	C	0.0253
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rs76719384	C	-0.0457
rs17588475	C	-0.0386
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rs1055145	A	0.018
rs9555491	A	-0.0745
rs9559915	C	-0.0214
rs143237346	T	0.1271
rs73200009	C	-0.0278
rs9530611	A	-0.0429
rs7990032	C	0.0197
rs17834536	C	-0.0474
rs9513225	T	0.0186
rs1925888	A	-0.0308
rs117935158	G	0.0537
rs1924762	C	0.0383
rs117062555	T	-0.0672
rs78299811	T	-0.0813
rs9600180	A	-0.0699
rs61972992	C	-0.0476
rs79807019	C	0.0252
rs57264894	G	-0.0325
rs149426406	A	0.0835
rs17073718	A	0.0427
rs726039	A	0.0362

rs12875474	T	-0.0614
rs118012126	A	-0.0595
rs61961961	C	-0.0502
rs56192853	T	-0.104
rs3848058	C	0.0186
rs61970473	G	-0.08
rs117722529	G	-0.1748
rs142517485	T	-0.0851
rs7317248	T	-0.0327
rs2325635	C	0.0224
rs76376800	T	0.0306
rs277836	G	-0.0183
rs8000358	A	0.0673
rs9318610	C	0.0291
rs34332452	A	-0.0349
rs79905748	A	0.1103
rs9599130	A	0.0413
rs80345287	T	0.07
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rs139571700	A	0.1139
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rs9600963	T	-0.0177
rs77756593	T	-0.0598
rs41286973	C	-0.0983
rs12862123	C	-0.0187
rs9601964	G	-0.0214
rs60249166	T	0.0392
rs4646211	C	0.0382
rs73177134	A	-0.0442
rs117276473	A	0.1183
rs77612909	T	-0.0721
rs150723247	G	0.1122
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rs140403056	A	0.1017
rs7993964	T	-0.0259
rs149614773	G	0.1279
rs140389462	C	0.1134
rs9529975	G	-0.0422
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rs117909164	A	0.1278
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rs1998560	C	-0.0226
rs9301443	T	-0.0252
rs7983698	C	0.0354
rs1572068	T	0.0181
rs61945827	T	0.1035
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rs72668197	A	-0.0224
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rs73199366	G	0.0412
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rs9585303	C	0.0717
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rs10507433	T	-0.0229
rs143319458	T	0.0425
rs117355283	C	-0.1085
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rs2703087	A	-0.0667
rs77139046	G	-0.0562
rs7988505	G	0.0301
rs35424345	T	-0.075
rs79447743	A	-0.1154
rs76088849	C	0.083
rs9805583	C	0.0485
rs12853977	A	0.0185
rs9537488	A	-0.0176
rs1891234	G	-0.0181
rs56069123	G	-0.137
rs117804735	T	0.1104
rs73169289	T	0.0323
rs58010254	A	0.0237
rs2050863	T	0.0757
rs8002580	G	-0.0174
rs116952670	T	-0.0441
rs76655741	C	0.0471
rs17276524	C	0.0625
rs74659678	T	-0.0677
rs9526068	G	-0.064
rs73178125	G	-0.089
rs4616150	A	-0.0382
rs41483347	C	-0.0299
rs9514451	A	-0.0748
rs9603641	G	0.0182
rs9319312	G	0.026

rs117145353	G	-0.1176
rs2860230	A	0.0204
rs17072399	G	0.0458
rs115108776	A	0.0666
rs11568658	A	-0.0583
rs77306766	C	0.0828
rs34897738	T	0.0206
rs117298944	T	-0.0881
rs79226704	C	0.0249
rs117324053	A	0.0585
rs75572918	A	-0.0234
rs80286416	A	0.0529
rs139189861	G	0.088
rs12429893	A	-0.0228
rs79424971	A	-0.0904
rs61971309	T	0.0572
rs9548651	A	-0.1009
rs73201606	G	0.0744
rs9538747	T	0.0642
rs75276536	A	0.1297
rs17078163	C	-0.034
rs520313	G	-0.0209
rs12427813	T	0.035
rs12877713	C	0.0241
rs1329699	C	-0.0187
rs4773118	C	0.0223
rs73181740	A	0.0562
rs160816	A	-0.0185
rs2149119	A	-0.0176
rs1433231	G	-0.024
rs78469428	T	-0.0477
rs9565130	T	0.018
rs117528286	C	0.113
rs78929914	T	0.0335
rs2701853	C	-0.0191
rs145312887	G	-0.0708
rs75256942	A	0.0492
rs9590356	C	-0.076
rs16954665	T	-0.0906
rs7998270	T	-0.0329
rs1411755	T	-0.0181
rs75178612	C	0.0439
rs117324558	G	0.1059
rs7993232	G	-0.026
rs117324288	T	0.0718
rs9591258	T	0.019
rs9538323	C	0.0601

rs9520765	T	0.0452
rs140005813	C	0.09
rs111612751	A	0.0966
rs12877201	T	0.0729
rs655653	T	0.018
rs77389395	C	0.041
rs16943501	A	0.0378
rs56038914	C	-0.0512
rs71434788	T	-0.0642
rs78309576	T	0.1049
rs7334774	C	-0.036
rs117254646	C	0.0635
rs3858803	T	-0.0187
rs141085707	C	-0.0954
rs12877281	T	-0.0273
rs9601340	C	0.1328
rs77688668	T	-0.0516
rs1359220	G	-0.0983
rs71434526	A	-0.0379
rs9783555	T	0.0858
rs117612589	C	0.137
rs4611340	T	-0.0328
rs61974352	A	0.1237
rs9510170	G	-0.0471
rs9553031	C	0.018
rs7989382	A	-0.028
rs117655489	C	-0.0585
rs140175050	T	-0.1282
rs6562580	C	0.0172
rs9533043	T	0.0734
rs34768814	C	0.034
rs17062732	G	-0.0228
rs77388566	A	-0.0778
rs116932083	T	-0.1201
rs1499488	A	0.0203
rs17080609	G	-0.0356
rs11619043	T	-0.0451
rs12874626	A	-0.0812
rs17507119	C	0.0431
rs56132923	C	0.0712
rs1108755	T	-0.0183
rs9584198	T	0.0474
rs17498731	T	-0.0441
rs9553681	A	-0.0215
rs9513183	A	0.1438
rs980277	C	0.0195
rs4884057	T	-0.0188

rs9598553	A	-0.0196
rs118133193	G	0.1502
rs9562512	A	0.0272
rs74094704	C	-0.0464
rs73224463	C	-0.0906
rs9603756	C	0.0185
rs78346125	T	0.0449
rs9558933	A	-0.0447
rs116980512	A	-0.0985
rs75649637	C	-0.081
rs117786553	T	-0.0761
rs17446121	G	-0.0254
rs61965591	C	0.0636
rs422663	C	-0.0177
rs55793217	C	0.0351
rs4773844	T	0.0214
rs9538621	G	-0.0247
rs2186130	G	-0.066
rs9514449	G	0.1284
rs75291294	A	-0.078
rs9581263	G	-0.0906
rs1841160	T	-0.039
rs11619506	G	0.0242
rs17480693	C	0.0676
rs78315799	T	-0.0458
rs12874471	T	-0.0241
rs2010109	C	0.0309
rs9538250	T	-0.0474
rs1323949	T	0.018
rs9532069	C	0.0873
rs113727663	A	0.1041
rs61965675	G	-0.1184
rs73429559	C	0.0744
rs7326283	T	-0.0218
rs146297236	T	-0.0853
rs7325835	T	0.0316
rs17552047	A	-0.0206
rs138444208	T	0.1013
rs11617095	A	-0.0772
rs7996538	A	0.0505
rs2669460	A	0.02
rs12184599	G	0.0762
rs75165757	T	-0.1019
rs112159421	C	-0.0887
rs151047348	A	0.0786
rs9540647	A	-0.0275
rs73569255	T	0.0442

rs61965673	T	-0.0638
rs60538560	T	-0.0828
rs78535031	G	-0.0756
rs1336850	C	-0.0274
rs76775559	T	0.0524
rs34630949	G	0.0316
rs4772857	G	-0.0182
rs73153918	A	0.1005
rs73182564	T	-0.0667
rs9536430	C	-0.0257
rs77958508	C	-0.0881
rs113335061	C	0.0476
rs150523191	A	0.1003
rs75721817	C	-0.0604
rs3886176	A	0.0682
rs17068843	T	0.0894
rs1409444	C	0.0398
rs12873317	A	0.0182
rs78287951	T	-0.0515
rs78744003	G	-0.1519
rs75188657	A	0.0834
rs9548456	T	-0.021
rs2802500	A	0.0526
rs75397803	T	-0.1148
rs75098775	T	-0.0458
rs7983691	C	0.0189
rs9519789	G	-0.0471
rs17077287	T	-0.0306
rs3858807	A	-0.0191
rs913955	A	0.0212
rs9572782	C	-0.0301
rs75382140	G	-0.0608
rs113788332	C	0.0193
rs17060959	G	0.0275
rs7982110	C	0.0854
rs11616507	T	0.02
rs17077047	A	-0.0621
rs2391933	C	-0.0216
rs1815690	A	0.0684
rs2324846	A	0.0169
rs12866544	C	0.0241
rs7987818	T	-0.0225
rs2876729	T	0.0737
rs9545931	G	-0.0365
rs11842453	C	-0.0194
rs9522772	T	-0.0252
rs145106080	G	-0.0814

rs79175232	A	0.0924
rs73583332	G	-0.1075
rs4072773	G	0.0198
rs9521841	C	-0.0346
rs17461635	C	-0.0352
rs59190871	G	-0.0256
rs117089347	A	-0.0669
rs11617881	C	-0.0206
rs79353592	T	0.0711
rs2760359	G	-0.0189
rs7988386	C	-0.0233
rs3015391	G	-0.0177
rs61951826	C	-0.0222
rs56370825	G	0.0371
rs55944555	A	-0.0688
rs9522771	T	-0.0263
rs79729870	A	-0.0875
rs1547708	T	0.0339
rs1886929	A	0.0279
rs138059552	A	0.132
rs117858396	T	0.0674
rs11620369	A	-0.0306
rs1360609	A	0.0304
rs117175636	C	0.1218
rs9510299	C	-0.0179
rs141002598	G	-0.1196
rs9520100	A	-0.0173
rs7989818	G	0.0206
rs138931931	A	-0.0963
rs61960415	A	-0.0623
rs11616506	T	0.0215
rs75933409	A	0.0411
rs1006378	A	0.0211
rs117279114	A	0.0983
rs61948984	C	-0.0367
rs7991080	C	0.0174
rs80135250	T	0.0733
rs35226578	T	-0.0213
rs80021196	G	0.0333
rs73564226	C	0.0257
rs7333774	A	0.0382
rs138700521	A	-0.1146
rs57408197	G	-0.101
rs3918312	C	-0.0587
rs9509337	G	-0.033
rs117766977	T	0.1507
rs34570195	C	-0.0607

rs10492413	G	-0.0211
rs145367314	C	-0.0866
rs9538642	A	0.0674
rs1927544	C	0.0245
rs11147430	A	0.0303
rs73154191	T	0.0324
rs113154410	G	0.0696
rs6562786	G	-0.0888
rs9630319	C	0.0186
rs7491500	A	0.0392
rs60472952	T	-0.0198
rs58914154	G	-0.0204
rs13378548	A	-0.0253
rs9549865	A	-0.0229
rs74460120	T	0.0733
rs9582036	C	-0.0217
rs9516450	A	0.0205
rs3092875	C	0.0888
rs117330215	A	-0.0293
rs7989419	G	-0.0684
rs4581597	A	0.0914
rs7330752	T	0.0545
rs78589465	T	0.094
rs111237407	C	0.0933
rs117308685	C	0.1289
rs61952816	T	-0.0886
rs72640660	A	0.0804
rs9563130	T	-0.0179
rs118027040	T	0.0823
rs11164135	T	0.0358
rs117750007	G	-0.1276
rs9543797	G	0.1308
rs72663838	C	0.0207
rs111596715	A	-0.0556
rs35783053	T	-0.1147
rs7988692	G	-0.0168
rs9592732	A	0.0716
rs143082767	A	0.0499
rs2580195	T	-0.0185
rs7998331	A	-0.0211
rs117097864	A	-0.0997
rs111862710	T	0.0951
rs4369533	C	0.0169
rs7982071	C	0.0171
rs9524797	A	0.022
rs73174372	G	0.0838
rs113475555	A	0.1552

rs34084189	C	0.0229
rs1821435	A	-0.049
rs9554468	A	0.0198
rs60487689	T	0.0388
rs9513268	T	0.0188
rs117375009	G	-0.0835
rs7998278	C	0.0245
rs1424313	C	0.0194
rs73223938	A	0.056
rs1927837	T	-0.0167
rs12586074	A	-0.0451
rs303951	C	0.0736
rs78010746	T	0.0481
rs71431525	G	0.0641
rs28429889	T	-0.1068
rs289052	T	-0.0179
rs7327736	A	-0.0625
rs74536732	A	-0.0762
rs6563538	T	0.0179
rs9534606	G	0.0702
rs1228351	G	0.035
rs35782826	G	0.0458
rs2587602	C	-0.0184
rs74977649	A	-0.0289
rs118013055	A	0.0835
rs117050276	G	-0.0995
rs10492742	G	0.0218
rs9528845	T	-0.0284
rs73594127	G	-0.0732
rs112816948	A	-0.1514
rs1925995	T	0.0174
rs4883829	A	0.0173
rs35410533	T	-0.0312
rs328794	C	-0.0255
rs701540	A	-0.019
rs11620391	C	-0.1027
rs117030421	G	0.0921
rs71434837	C	0.027
rs117758570	T	-0.0615
rs72666510	G	-0.0492
rs12428148	A	0.023
rs79056330	G	-0.0248
rs111337555	A	0.0648
rs7328509	C	-0.067
rs11843462	C	0.0693
rs77170867	A	0.0782
rs9545644	C	-0.0936

rs117987953	T	-0.1014
rs9587707	C	-0.0208
rs12877870	C	0.0189
rs12861084	T	-0.0712
rs7990988	C	-0.0173
rs34136735	T	0.0609
rs112331377	G	-0.1129
rs9550571	A	-0.0333
rs12859068	T	0.0307
rs117060035	G	-0.0764
rs4884747	G	0.0265
rs150493080	T	0.0663
rs9574536	T	-0.0287
rs76030546	T	0.0786
rs12100086	G	0.0337
rs1678388	G	-0.02
rs9324291	A	-0.0275
rs7322873	C	-0.0181
rs116963765	G	0.0885
rs113419493	T	-0.0194
rs73177590	T	-0.1297
rs11616434	G	-0.0185
rs2320207	A	0.0553
rs140401724	G	0.1077
rs12019513	T	0.0593
rs74819724	T	-0.0988
rs9572401	T	0.0753
rs35148622	T	0.0173
rs148725257	G	0.1084
rs149829494	A	-0.1006
rs79843656	A	0.0827
rs79057720	A	0.0701
rs1326447	T	-0.0467
rs73194134	T	0.1182
rs76709166	C	0.0768
rs12430895	C	0.0245
rs113258947	T	0.0707
rs76241567	A	-0.0853
rs139979252	G	-0.0981
rs118152133	A	-0.0973
rs77549056	G	0.0561
rs17220832	A	-0.0243
rs113070975	C	-0.0486
rs11619029	C	0.0285
rs9538312	C	-0.0276
rs117702919	A	-0.0735
rs298776	C	-0.0269

rs9521060	C	0.0738
rs113446621	C	0.0468
rs2324878	T	0.0201
rs7339032	T	0.1241
rs78086049	C	-0.0288
rs10508034	C	0.0545
rs7335905	G	-0.0173
rs288786	T	0.0374
rs79386556	A	-0.0684
rs117969647	A	0.1306
rs113985866	G	0.0525
rs9521395	T	0.018
rs9652203	A	-0.0672
rs117415218	C	-0.0883
rs4646215	G	-0.0303
rs12873946	T	-0.0188
rs142250329	C	-0.0875
rs73227641	A	-0.045
rs61964262	T	-0.0242
rs17611165	C	0.0717
rs9542372	C	-0.0191
rs12429673	T	-0.0175
rs116936846	C	0.0631
rs2149494	G	-0.0184
rs9567581	G	-0.0238
rs117576481	C	0.1363
rs77836903	A	-0.1271
rs7335044	C	0.0355
rs1323910	T	-0.0216
rs73207821	A	0.0967
rs73228814	T	0.0925
rs149630300	T	-0.0821
rs61957399	C	0.142
rs75500073	C	0.0483
rs7336469	T	0.0569
rs78223024	C	-0.1407
rs1328644	C	0.0248
rs7326799	C	-0.017
rs75989856	T	0.0267
rs147790336	G	0.0876
rs17620154	C	0.0199
rs7994489	C	-0.0222
rs118037336	C	0.0876
rs78029772	A	0.0994
rs7993594	T	-0.0201
rs117682622	G	0.1099
rs117782757	T	0.0535

rs2892496	G	0.0183
rs9599968	T	0.0289
rs4238254	G	0.0289
rs72663688	C	0.0279
rs76675758	G	0.0461
rs143742948	A	-0.0974
rs75915340	T	0.0792
rs1831302	T	0.0168
rs9554288	C	-0.0432
rs61969916	C	-0.0837
rs146081629	G	-0.1048
rs117113767	A	-0.1106
rs9549186	A	-0.0254
rs9527870	T	0.021
rs147874442	T	-0.1099
rs17305529	A	0.065
rs79949846	A	-0.1065
rs34984278	A	0.0591
rs9559203	C	0.0325
rs4644760	T	0.021
rs116942699	C	0.0711
rs12867521	T	0.0199
rs4386030	T	-0.0175
rs4436647	G	0.0397
rs75995688	T	0.0485
rs1886014	T	0.0284
rs61043250	C	-0.0607
rs9301467	C	0.0594
rs73207795	G	-0.0302
rs4769282	T	-0.0258
rs9551637	A	-0.0943
rs118170258	A	-0.0953
rs7325678	A	-0.0176
rs383	C	0.0198
rs17067033	C	-0.0457
rs9537560	A	-0.0212
rs73476864	A	-0.0561
rs72634754	T	-0.0747
rs76417027	T	-0.0614
rs113737590	A	-0.0705
rs9574691	T	-0.017
rs61970410	G	-0.0446
rs142121452	A	-0.1211
rs77336726	T	-0.1073
rs138286046	T	0.0599
rs9508796	G	0.0287
rs9598129	C	-0.0264

rs117437439	T	0.0941
rs73204848	T	0.0567
rs112814440	C	-0.0891
rs148649817	A	0.0533
rs4769629	A	0.018
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rs76454137	T	0.1124
rs117531020	G	0.0877
rs74423421	C	0.0366
rs13378390	T	-0.0218
rs75993435	T	0.0513
rs1746103	C	-0.0799
rs4439609	T	-0.0264
rs78440707	T	-0.0634
rs112040001	A	0.0508
rs56259880	T	0.0504
rs1326407	A	0.0498
rs117031693	T	-0.0552
rs1863470	G	-0.0324
rs76819913	T	-0.0365
rs9510756	G	0.0322
rs4142811	G	-0.0196
rs8181889	A	0.0169
rs117829778	A	0.0642
rs55726235	A	-0.0406
rs1890124	A	-0.0341
rs9525993	A	-0.0743
rs73194463	T	0.0689
rs12863059	C	0.0247
rs9544083	T	-0.0274
rs7336657	A	-0.0376
rs4646219	T	-0.0307
rs117460993	T	-0.1169
rs9550193	T	0.0172
rs1409082	T	0.0255
rs9565249	G	-0.0462
rs118151430	A	-0.0865
rs113040729	G	-0.1025
rs9555438	C	-0.0559
rs11617198	C	0.035
rs78931378	C	0.0267
rs11619299	A	0.0352
rs74689285	A	-0.0532
rs1413081	G	0.0186
rs72636312	G	0.0498
rs80297929	G	-0.0222
rs4885210	A	-0.0289

rs9319223	C	0.0479
rs7330730	A	-0.0356
rs7337228	T	-0.0517
rs9598601	A	0.0582
rs116893032	A	-0.0842
rs4942375	C	-0.0328
rs73173331	G	-0.1139
rs9548972	T	0.0169
rs116844606	A	-0.1233
rs404347	G	-0.0297
rs73184757	A	-0.0937
rs73174618	C	-0.0543
rs7982832	G	0.0279
rs1459441	A	0.0393
rs9559249	G	-0.0466
rs72657755	A	-0.03
rs1521258	T	-0.0726
rs72661444	T	0.1708
rs35164787	T	0.0261
rs20479	A	0.0332
rs1886792	A	0.0172
rs11616406	C	-0.0649
rs61956450	A	0.0285
rs521569	C	0.0183
rs78766936	A	0.0418
rs117237524	A	-0.0561
rs150768012	A	0.0684
rs17399664	G	0.0815
rs144987007	C	0.1053
rs16944706	T	0.0563
rs2065850	C	-0.0208
rs9507503	G	0.0259
rs73237811	A	0.0973
rs9540681	A	0.0198
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rs79603758	T	-0.0674
rs17074619	C	-0.0755
rs74917511	A	0.0468
rs17190434	A	-0.0358
rs78238191	A	-0.1257
rs58476700	T	-0.0231
rs9600247	C	0.0292
rs1809671	G	-0.0471
rs9524008	A	0.1106
rs235786	T	-0.0166
rs7983984	A	-0.0179
rs59606061	C	0.0322

rs61948374	A	0.0835
rs1018619	G	0.0632
rs57111056	A	-0.0801
rs79836482	T	-0.1153
rs77063359	G	-0.075
rs4561328	T	0.0193
rs117342325	G	-0.0554
rs7998778	A	-0.0168
rs2314969	G	0.0199
rs2921406	A	0.0976
rs9582590	G	0.043
rs9556420	T	-0.0625
rs113048274	A	0.0681
rs76737333	A	0.0783
rs9558198	G	0.037
rs78089148	A	0.0867
rs77116141	C	-0.0209
rs9525198	C	-0.1037
rs727344	C	-0.0488
rs149298729	C	0.1495
rs17089570	T	0.0275
rs597057	T	-0.0517
rs73169549	A	-0.0427
rs9598481	T	0.017
rs78601420	A	-0.1086
rs61948676	C	0.0536
rs12427481	T	-0.063
rs17363608	C	-0.0326
rs17054985	C	0.0799
rs7320491	A	-0.0452
rs17175238	A	-0.0574
rs78892326	A	0.0502
rs16963261	C	0.0471
rs2343081	A	-0.0451
rs117927985	A	0.072
rs7987291	G	0.0333
rs7981033	T	0.024
rs9537988	A	-0.0575
rs11616792	T	0.0204
rs9318174	T	0.0211
rs116855427	C	-0.0647
rs118148141	C	0.0673
rs75638573	C	0.0953
rs4436677	A	-0.0169
rs615057	G	0.0191
rs3918327	C	0.0172
rs117241859	G	0.0788

rs61953962	G	0.0358
rs1327966	G	-0.0323
rs55751224	C	-0.018
rs61945520	G	-0.0272
rs75931480	A	0.0672
rs2485785	G	-0.1071
rs151184659	T	-0.1078
rs141847977	C	-0.1149
rs61973228	A	0.0945
rs2164080	T	-0.0175
rs9525717	A	-0.0178
rs7986811	A	0.0218
rs1961326	T	-0.0182
rs4886250	C	-0.0181
rs11839320	T	0.0192
rs912932	T	0.0243
rs117878210	A	0.0928
rs9531239	G	-0.0186
rs78035902	A	-0.1098
rs9509829	C	0.0166
rs2298058	T	0.0175
rs73159069	G	-0.0399
rs73181165	C	0.1299
rs72664722	G	0.0378
rs74936919	A	0.0371
rs145132398	C	-0.0565
rs874497	T	-0.0195
rs139447113	A	-0.0878
rs7334194	T	0.0219
rs72629495	T	0.04
rs9582224	A	0.0245
rs1335656	A	-0.0158
rs9315235	T	0.0424
rs116346890	C	-0.0536
rs140288968	G	0.072
rs148877415	C	0.0844
rs116915105	T	-0.0766
rs1751003	A	-0.0231
rs9515107	A	0.0254
rs78425537	A	-0.0746
rs61970768	C	0.088
rs76784644	A	0.0547
rs79373883	T	0.0557
rs117984782	A	-0.0614
rs17679865	G	-0.0509
rs73200141	G	0.0562
rs117772653	C	-0.0594

rs140167809	T	0.0381
rs115055335	A	-0.1185
rs9536334	G	0.0162
rs451270	T	-0.0242
rs9888519	G	0.051
rs995023	T	0.0232
rs117862680	G	-0.0807
rs73237426	T	-0.0783
rs4773316	A	-0.0354
rs140109071	A	-0.0891
rs16959897	G	0.0324
rs34798890	T	-0.1389
rs61965473	T	-0.0859
rs9332063	G	0.0771
rs61961473	T	0.0688
rs2050579	C	-0.0448
rs1782790	C	0.0285
rs41481747	T	0.0186
rs79724979	C	-0.07
rs112512242	G	0.0957
rs35793695	T	-0.0425
rs9652256	A	0.0308
rs142959067	C	0.0847
rs7326084	T	-0.0347
rs2854344	A	0.0313
rs17644289	C	0.0894
rs1977709	A	-0.0161
rs7994097	G	0.0248
rs61946763	G	0.022
rs34484096	T	0.0193
rs112291348	T	-0.0577
rs67894225	G	0.0418
rs117145885	T	-0.116
rs77952988	A	-0.0895
rs55947539	T	0.0289
rs61107407	G	0.099
rs2721043	A	0.0261
rs34038050	C	-0.019
rs118151364	T	0.0856
rs111247644	G	-0.0842
rs112092158	A	-0.0667
rs1318389	A	0.1037
rs2260462	C	-0.0488
rs141444097	A	-0.0791
rs11839110	A	0.1438
rs12867747	G	-0.0229
rs73203674	T	-0.0497

rs117330319	T	0.055
rs147058261	G	0.1002
rs74703501	A	0.0419
rs9586995	T	-0.031
rs71434703	G	0.1104
rs9569552	G	-0.0216
rs73220099	A	0.0629
rs75501492	G	0.033
rs9578971	G	-0.0394
rs7997094	T	0.0723
rs2760316	T	0.0494
rs9542167	C	0.0222
rs882343	A	-0.0701
rs9524289	C	0.0518
rs9318486	T	0.0212
rs146554879	C	0.0546
rs7993856	A	-0.0357
rs117716649	T	-0.1024
rs11839782	C	-0.0441
rs7336200	C	0.0246
rs9594926	G	-0.0481
rs7335667	A	-0.0191
rs1398587	C	-0.0196
rs79250211	C	-0.0833
rs17517971	A	0.0368
rs9535611	T	-0.0411
rs9556866	A	-0.0486
rs1853849	C	-0.0212
rs7321849	T	0.0241
rs142366656	C	0.0729
rs112076473	G	-0.0601
rs118180064	A	0.0797
rs76210711	A	-0.0484
rs17052838	T	-0.1173
rs16967015	G	0.0379
rs732082	G	0.0165
rs113125970	G	-0.0474
rs78760613	C	-0.0609
rs396150	G	-0.0156
rs116989664	A	-0.0956
rs79752396	A	-0.0727
rs17475847	T	0.0258
rs791989	A	0.0184
rs77518533	A	-0.083
rs2388548	T	0.0169
rs9571672	G	0.0171
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rs9526848	C	-0.0332
rs2315312	A	0.0282
rs74475861	A	0.1287
rs80187936	A	-0.0486
rs77066028	A	0.0302
rs9557878	C	0.0786
rs406051	T	-0.0475
rs9568989	G	0.0268
rs9507048	C	-0.0187
rs1928382	G	-0.0176
rs151066507	T	-0.1005
rs9531699	C	-0.0194
rs56366991	A	0.1515
rs2806298	C	-0.0212
rs74796494	T	-0.1305
rs76808959	A	0.1019
rs79347077	C	0.102
rs141357679	A	-0.0935
rs118137757	C	0.1211
rs2325304	A	-0.0234
rs12429089	A	0.0351
rs2984842	T	0.0169
rs111998719	G	0.0945
rs2555611	A	0.0164
rs34771966	T	0.0401
rs7997831	T	-0.0177
rs7990932	G	-0.0175
rs117801148	A	-0.0668
rs7336325	T	-0.0167
rs6492752	T	0.0576
rs2202359	A	-0.016
rs17269215	A	-0.0577
rs9591983	A	-0.0355
rs7996746	T	0.0255
rs11840143	C	0.018
rs149131345	A	0.0314
rs12868692	T	0.0514
rs1411545	A	0.0187
rs56865928	C	0.0481
rs117306125	A	0.0645
rs4769306	A	0.053
rs9571859	G	-0.0334
rs11841777	A	0.0209
rs76215935	C	0.0544
rs7337905	G	-0.0184
rs117981522	G	-0.083
rs141695005	T	0.0381

rs1169359	T	0.0586
rs61958881	G	-0.0579
rs73160327	T	0.0332
rs79062730	A	0.0745
rs79036443	C	0.0549
rs686323	A	-0.0171
rs72628027	G	0.0332
rs9543290	T	0.0296
rs1838557	G	0.0168
rs9564197	T	-0.0578
rs78354294	A	0.0615
rs61947220	T	0.0516
rs12861843	C	0.0161
rs117289364	G	-0.0829
rs72660312	A	0.0646
rs72657764	C	-0.1293
rs75930991	C	0.0589
rs118000447	T	0.0462
rs9546322	T	-0.0167
rs9518040	G	-0.1061
rs9580635	G	-0.039
rs78019863	C	0.0578
rs118162958	C	0.0629
rs12429560	A	0.0878
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rs77283201	A	0.0725
rs80285060	A	-0.0945
rs9574334	C	-0.0606
rs59737182	C	-0.1407
rs72667763	T	-0.0608
rs11069810	A	-0.0249
rs149213886	C	0.0803
rs149929226	A	-0.0705
rs117337367	G	-0.0537
rs9315043	A	0.0632
rs17238759	T	0.0752
rs117259790	G	-0.1558
rs9517208	G	-0.0211
rs1047769	G	-0.0529
rs389998	A	0.0253
rs9601606	G	-0.102
rs78010796	C	0.0249
rs9574071	G	-0.0157
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rs59135744	G	-0.0473
rs115141273	T	-0.042
rs143103781	T	0.1

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rs111522881	T	0.088
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rs17580625	G	-0.0316
rs74780028	A	-0.1175
rs1808050	G	-0.016
rs1931470	C	-0.0304
rs9559422	T	0.0438
rs9315411	T	-0.0926
rs12862787	C	-0.0179
rs72662936	A	-0.1188
rs73162320	C	0.1125
rs74041405	C	0.0408
rs12428023	T	0.0269
rs142272426	T	-0.0566
rs17086824	A	-0.0263
rs111689935	T	0.0538
rs1819766	G	0.0156
rs921532	T	0.0257
rs73611013	C	0.1482
rs6562646	C	-0.0185
rs7986491	T	0.0159
rs4133190	A	-0.0695
rs72652876	T	-0.0294
rs1760861	C	-0.0517
rs1330946	C	-0.0183
rs77503076	C	-0.0917
rs77361089	T	0.0492
rs7328960	T	0.0166
rs2298229	G	0.0187
rs17380388	C	-0.0574
rs12864657	G	-0.0648
rs4941451	C	0.0153
rs4941519	T	0.0456
rs75142943	T	0.031
rs9536794	G	0.0208
rs754509	A	0.0534
rs12428033	A	0.0616
rs118024212	A	-0.0807
rs76156318	G	-0.0718
rs11618843	C	0.0308
rs7337310	C	0.0177
rs12427773	A	-0.0856
rs9544295	T	0.0253
rs150807458	C	-0.0882
rs12877854	C	0.1201

rs117452318	A	0.0719
rs117280701	G	0.1526
rs116155634	G	0.0499
rs72646405	T	-0.0482
rs73224691	T	0.0714
rs797226	A	0.0165
rs77814269	A	0.0872
rs74776797	C	-0.1244
rs462954	G	0.0242
rs61946396	T	0.0638
rs60067514	T	-0.0359
rs9513455	T	0.1038
rs16958205	T	-0.0332
rs74073007	T	0.0846
rs75341370	A	0.061
rs117373526	T	-0.0847
rs72656103	A	-0.0501
rs1928573	T	0.0388
rs4772411	C	0.0173
rs116928367	T	0.1195
rs71432842	T	0.0522
rs9520377	C	0.0273
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rs149822997	A	-0.0723
rs9544012	G	0.1237
rs78339514	A	-0.146
rs7985488	T	-0.02
rs80126725	A	0.0493
rs9741667	A	0.0399
rs4886060	A	0.0255
rs9558802	G	0.0308
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rs8001568	C	0.0272
rs6561147	C	-0.0551
rs9556314	G	-0.0166
rs12429532	T	-0.0841
rs1320517	T	0.018
rs1537333	G	0.034
rs77185048	A	0.0521
rs9533791	G	-0.0204
rs1449578	C	0.0169
rs66495562	C	-0.0232
rs149785128	G	0.0629
rs9519644	G	-0.0241
rs117589604	A	0.1324
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rs9599508	T	0.0158
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rs7331804	T	0.0194
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rs4943078	C	-0.0187
rs2028871	T	-0.0231
rs78378344	T	-0.0382
rs7994500	C	0.024
rs140328019	A	-0.0548
rs73186316	C	-0.0717
rs116549025	C	0.0852
rs2148647	A	0.0168
rs142077273	C	0.1179
rs75876142	C	0.028
rs9539836	C	-0.0177
rs1279448	C	0.0214
rs79700119	G	-0.0572
rs112570591	T	-0.0642
rs9562953	G	-0.0273
rs9573123	C	-0.0516
rs3825435	G	0.0161
rs9559711	G	-0.0284
rs7985756	T	0.0184
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rs546022	A	-0.0169
rs2447988	C	-0.0521
rs74426548	T	-0.0492
rs34587632	C	0.0956
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rs9520823	G	-0.0176
rs9508675	G	0.0211
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rs7331214	G	-0.0477
rs75704482	A	-0.077
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rs140569602	G	0.1024
rs78195742	T	0.0808
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rs35124164	C	-0.0417

rs7994556	T	-0.0179
rs9560478	T	-0.027
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rs2476320	G	-0.0471
rs61964582	T	0.0599
rs7335289	C	0.0162
rs56060897	G	-0.0245
rs114247008	C	-0.0398
rs77424065	G	0.0726
rs17209311	C	-0.0394
rs9592095	C	-0.0336
rs117398817	A	-0.0836
rs182977	T	0.0223
rs117463969	T	0.1024
rs55796606	G	0.0379
rs61970304	A	-0.0762
rs11618747	C	-0.0902
rs9318309	C	-0.0218
rs17435472	G	-0.0279
rs61961480	G	-0.045
rs7324712	G	-0.015
rs73224429	T	-0.0746
rs117735245	C	-0.0582
rs75940869	A	0.072
rs1333592	G	-0.022
rs117805076	C	-0.0946
rs9805154	C	0.0336
rs138360090	G	-0.1153
rs4943514	T	-0.02
rs117533356	A	-0.0823
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rs112108436	T	-0.0489
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rs78117244	T	0.0549
rs9316867	C	-0.0369
rs9580557	G	0.0328
rs9595531	A	0.0232
rs9537938	G	0.0162
rs1324015	A	0.0156
rs9536946	T	0.0159
rs7489550	A	0.0191
rs146543759	A	0.0814
rs7996092	T	0.0341
rs9530251	A	0.0152
rs116942915	A	-0.1211
rs7334319	G	-0.0164
rs79451686	A	0.0506

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rs73189641	G	-0.0415
rs287503	A	0.0782
rs139890389	A	-0.0545
rs73181196	A	-0.0442
rs72638091	A	-0.0171
rs2765122	A	-0.023
rs4885988	A	-0.0803
rs1372456	G	0.1337
rs34342493	G	0.0194
rs17061133	T	0.0321
rs17791450	A	0.0287
rs142230859	C	0.0487
rs9318673	A	-0.0171
rs78996156	C	-0.0561
rs78207021	C	0.079
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rs75196618	T	-0.0418
rs147306037	C	-0.0677
rs75613923	T	0.0716
rs997686	T	0.0709
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rs34955425	A	0.017
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rs9511838	A	-0.0509
rs116853410	C	-0.0706
rs77686265	C	0.1211
rs72657819	C	-0.0197
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rs7317059	G	-0.0161
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rs117402001	G	0.0822
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rs11620140	C	-0.0318
rs432701	G	-0.0166
rs78901714	A	0.0394
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rs76297369	G	-0.0617
rs147113003	A	0.0664
rs9545838	A	0.0153

rs73173377	A	0.0353
rs35613089	G	0.0199
rs55747972	T	0.0451
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rs74129462	T	0.0817
rs34914837	G	-0.0736
rs73551843	T	-0.0309
rs2021155	G	0.0153
rs72639931	C	-0.0804
rs3901539	G	0.0307
rs142400173	G	-0.0899
rs1970023	C	0.0213
rs1891943	A	0.0221
rs9537345	G	0.0252
rs4254194	A	0.0152
rs73171812	A	-0.0344
rs7490643	T	-0.1142
rs3803229	A	0.0161
rs9565345	A	-0.0196
rs886347	G	-0.0149
rs7325217	T	0.0164
rs9507775	G	-0.0486
rs116935656	G	0.0477
rs78234607	A	0.0411
rs9300766	T	-0.0154
rs9316531	G	0.0179
rs907730	T	0.0228
rs72656295	G	0.0302
rs17488034	G	0.0308
rs148739778	G	-0.0756
rs138345734	T	-0.0807
rs9558964	T	-0.0211
rs9535550	G	0.0215
rs112189012	G	-0.0737
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rs148098927	A	-0.1003
rs117431524	T	-0.0957
rs2151385	C	0.0174
rs7336489	T	0.0245
rs798958	C	0.0153
rs9523793	A	0.017
rs117088090	A	-0.1119
rs73442558	G	0.0753
rs1327953	A	-0.0181

rs1410338	A	-0.0552
rs72656468	C	0.0171
rs113179795	T	0.0687
rs9542174	G	0.0151
rs34644481	A	0.0918
rs9597178	C	0.0203
rs9561658	T	-0.0157
rs9516991	C	-0.0689
rs7333246	G	0.0203
rs9562299	G	0.03
rs146203395	T	0.0763
rs7330343	T	0.0245
rs337956	T	0.0195
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rs7998310	A	0.0231
rs76131108	T	-0.0569
rs285060	G	-0.0169
rs118093297	T	0.0756
rs61946633	G	-0.0203
rs72641423	A	0.0214
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rs76601026	C	-0.1068
rs61944947	A	0.0314
rs9919834	A	0.0507
rs12865444	A	0.0238
rs78067724	G	-0.044
rs4773830	G	0.0146
rs76538806	G	-0.1007
rs716520	G	0.0271
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rs9594071	A	0.015
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rs9537522	G	0.0204
rs3121782	C	-0.0196
rs117953762	C	-0.0687
rs113384252	C	0.086
rs9602061	T	0.0618
rs9301404	C	0.0385
rs17520245	T	-0.0655
rs9603772	A	0.0248
rs9315550	T	-0.0771
rs9506713	G	-0.0189
rs7318413	G	0.0575
rs183272	T	0.0173

rs2769289	T	-0.0996
rs6561620	T	0.0154
rs9530422	T	-0.0604
rs139291714	G	0.1453
rs16974351	T	0.0416
rs2775151	A	-0.0148
rs74114232	T	0.0544
rs78972779	C	0.0663
rs729715	C	0.0305
rs11148854	G	-0.0385
rs12872056	G	-0.0406
rs78041434	T	0.0499
rs35793500	C	0.0512
rs4489851	T	0.0167
rs4770647	G	-0.0188
rs9634736	A	0.0295
rs4150374	G	-0.0484
rs9600178	T	0.0314
rs9533435	C	-0.0151
rs117493342	G	0.0535
rs17062184	G	0.0283
rs55929669	C	-0.0272
rs74085342	C	0.0914
rs10507665	T	0.06
rs269588	G	0.0163
rs9510277	T	0.0468
rs111962200	G	-0.188
rs78386548	C	0.0195
rs114340424	C	0.0789
rs1207952	A	0.0154
rs13378283	T	0.0151
rs117042390	C	0.103
rs9518278	C	-0.0206
rs78450784	C	-0.0393
rs118056972	A	-0.0499
rs7328437	G	0.04
rs4942047	G	0.0487
rs118155209	G	0.0539
rs9506323	G	-0.0197
rs9530340	G	0.0598
rs80124057	A	0.0592
rs61948272	G	0.078
rs9516376	C	0.0233
rs1078061	A	-0.0192
rs76289331	G	-0.0632
rs78149100	A	-0.1187
rs9541675	G	-0.0156

rs4770642	A	0.0332
rs2004552	G	-0.0459
rs73186708	C	-0.0201
rs11617228	C	0.0173
rs118159758	A	-0.0623
rs1329701	T	0.0158
rs61965327	G	0.0499
rs73234112	T	-0.0742
rs9509596	G	-0.0255
rs61946577	A	-0.0379
rs139920913	A	-0.0878
rs117912798	G	-0.1307
rs2404598	C	-0.0262
rs72485607	T	0.0493
rs79208989	T	-0.0402
rs9534493	A	-0.0286
rs138486696	T	-0.107
rs9513021	C	-0.1073
rs45461897	T	-0.0636
rs75566416	T	-0.0177
rs1924617	C	0.0931
rs4885095	T	-0.0175
rs117709876	G	0.0704
rs76745526	A	-0.0506
rs10492391	G	0.0247
rs12716674	T	0.0176
rs9517773	G	0.0274
rs72641951	A	-0.0484
rs17284275	C	0.0498
rs1333555	T	0.0223
rs1407761	A	-0.0147
rs80172131	A	0.0518
rs141358645	T	-0.0733
rs9546206	T	0.0165
rs73252483	A	0.0815
rs74582529	T	0.0412
rs4942365	G	0.0324
rs7990378	A	-0.0277
rs61967013	T	0.0398
rs142676139	T	-0.0868
rs117097095	T	-0.0941
rs141908729	A	0.0858
rs9533044	G	-0.0233
rs73177343	T	0.0174
rs117219811	T	0.0579
rs9546234	T	0.0639
rs79893639	G	-0.0282

rs71437884	A	0.0194
rs112740347	G	0.0353
rs147434330	T	-0.0776
rs595825	T	0.0252
rs113082478	C	0.0172
rs112254392	A	0.052
rs10507748	C	0.0902
rs72640667	A	-0.0335
rs61964212	A	0.033
rs617478	T	0.0313
rs111826184	T	-0.0622
rs9524673	G	0.0206
rs118155534	A	-0.1196
rs138248637	C	0.0774
rs9528821	A	0.0158
rs73186529	C	0.1134
rs9540740	A	0.0297
rs73210750	T	0.0519
rs117318203	C	-0.0385
rs56255874	G	-0.0624
rs111240762	G	-0.0712
rs13378828	A	0.0363
rs9564187	T	0.0208
rs34988218	A	-0.0429
rs3933244	G	0.0192
rs9539162	T	0.0149
rs213601	T	0.0151
rs71431383	T	-0.0571
rs9594377	C	0.0828
rs9528325	A	-0.0241
rs28688247	T	0.028
rs9560117	A	-0.0154
rs2182881	G	-0.015
rs116992887	A	-0.115
rs12429134	C	0.0233
rs9518513	C	-0.0214
rs2706230	A	-0.016
rs76471930	A	0.1061
rs34769873	C	-0.0285
rs7331923	G	-0.0289
rs2755221	A	0.0212
rs117274920	A	-0.0828
rs9573461	A	0.0413
rs3783212	G	0.0177
rs9558458	A	-0.0316
rs9315066	G	0.0198
rs12863860	A	-0.0871

rs116997389	G	-0.1044
rs9510565	G	-0.0178
rs7989554	T	0.0148
rs73241671	T	-0.0691
rs9514481	C	-0.1277
rs9551089	G	-0.0243
rs116667405	T	0.043
rs1327740	C	0.0148
rs112522542	T	0.0829
rs2096036	A	0.0572
rs61966003	A	0.0741
rs75543367	A	0.0573
rs117633117	T	-0.1239
rs73186515	G	0.0624
rs79315675	A	0.0334
rs1445252	T	-0.019
rs11618867	T	-0.0537
rs58641810	T	0.0724
rs9513476	T	-0.0401
rs56165879	G	-0.0199
rs117046242	C	-0.0651
rs75987550	G	0.0819
rs3132356	C	0.0189
rs77232105	C	-0.0583
rs8002688	T	0.0704
rs17076714	C	0.066
rs113188378	T	-0.0233
rs117817230	C	-0.0568
rs72651131	T	0.0996
rs1414320	G	-0.0257
rs1927384	G	-0.02
rs76992192	A	-0.0701
rs9805255	T	-0.0252
rs319573	T	-0.0147
rs12430001	T	0.0352
rs117761456	T	0.1074
rs145739006	A	0.0947
rs61003188	T	0.0269
rs1337951	T	-0.0856
rs9534412	A	-0.024
rs72636493	T	-0.0211
rs9545296	G	0.0376
rs74520663	A	0.0774
rs9573143	A	-0.0357
rs76185184	A	0.0475
rs6492315	G	-0.0211
rs73226026	C	0.0302

rs7317425	A	0.0618
rs12870815	G	-0.0227
rs12430612	C	0.0643
rs56004391	T	0.1139
rs73205468	C	-0.0691
rs7332923	C	-0.028
rs74718766	G	-0.0361
rs672151	A	0.0172
rs9518934	T	-0.0776
rs11839075	T	0.0277
rs7337159	T	-0.0246
rs7321705	C	-0.0214
rs9579263	C	0.0546
rs138798318	G	-0.0861
rs7491289	T	0.0151
rs12428888	T	0.0223
rs9520426	T	0.0273
rs17213829	T	0.0533
rs36048590	A	0.0926
rs4566049	C	-0.0161
rs116852904	A	0.0598
rs9517081	G	-0.0143
rs72638444	A	0.0313
rs955783	T	-0.0148
rs9316569	C	-0.0161
rs1517894	A	-0.0146
rs77225858	T	-0.0561
rs9559300	G	0.0168
rs72659584	T	0.0158
rs138791233	A	0.0829
rs12864409	A	-0.0464
rs112125906	A	0.0731
rs34856963	A	-0.0248
rs7325833	A	-0.0618
rs9573096	C	-0.0184
rs7995527	G	0.0148
rs9528116	T	0.0311
rs9576996	C	-0.0331
rs141386488	A	-0.095
rs2325033	T	0.0165
rs148819138	C	0.0778
rs9571836	T	-0.0169
rs77050557	A	-0.0627
rs78887429	C	0.0302
rs74571605	G	-0.0619
rs117822967	T	-0.0705
rs79731902	G	0.0713

rs79346234	T	-0.0359
rs9522292	G	0.0144
rs9562400	C	-0.0181
rs76313649	A	0.0384
rs146658265	T	-0.0257
rs1887260	T	-0.024
rs17058557	A	0.0295
rs9569892	A	-0.0261
rs143997905	T	0.057
rs150749538	A	0.022
rs58977136	G	-0.0313
rs78941715	C	0.0427
rs9547663	A	-0.016
rs78645586	A	0.0854
rs76740716	G	-0.0647
rs141987255	A	-0.1
rs9557934	G	-0.0666
rs117811317	C	0.0483
rs34494544	C	0.0539
rs117836547	T	0.0532
rs340582	G	-0.0283
rs8002177	A	0.0263
rs9533346	G	0.0405
rs80112166	A	-0.0619
rs1446784	C	-0.0853
rs9523336	G	0.0858
rs140041880	A	0.0722
rs6416361	T	0.0258
rs17517037	T	0.0179
rs1557023	A	0.0215
rs78758263	T	-0.0889
rs4111022	C	-0.0144
rs7991693	T	0.0166
rs76617118	A	0.0551
rs41275066	A	-0.0792
rs213616	A	0.0198
rs75101270	C	-0.0603
rs9315431	C	0.0159
rs78513590	G	0.0525
rs1327745	G	0.0144
rs12430038	A	0.0347
rs9514374	C	0.0151
rs28446396	C	0.0324
rs10161824	A	0.0633
rs2806767	T	0.0217
rs61968689	G	0.0172
rs9555162	G	0.0223

rs12857048	A	0.0456
rs9572797	T	0.0177
rs56026430	T	-0.0397
rs7985739	T	0.0184
rs11069344	C	0.0353
rs9587318	G	-0.0362
rs146300723	G	0.0677
rs11149004	C	0.0531
rs117728287	A	-0.074
rs12585823	G	-0.0285
rs9521515	C	-0.0145
rs72644449	C	0.0421
rs7981756	T	-0.02
rs2706240	C	0.0258
rs78454047	T	0.0582
rs2008104	C	0.0307
rs11618504	T	0.0287
rs554997	C	0.018
rs4130407	T	-0.053
rs17770207	T	0.0155
rs13313280	C	-0.0428
rs60498415	A	-0.0304
rs7320290	A	-0.0159
rs143315146	C	-0.0656
rs9509871	C	-0.024
rs80131705	T	0.0873
rs7997951	C	-0.0508
rs144251629	C	0.0743
rs9544220	C	0.0166
rs76247971	A	-0.0937
rs145215122	A	0.0807
rs117463805	G	-0.0316
rs12867411	T	-0.0373
rs79672407	A	-0.1236
rs73155893	A	0.0658
rs61950362	A	-0.0545
rs113140122	T	0.0467
rs496659	C	-0.0243
rs74042832	A	0.046
rs111353382	T	-0.099
rs79028064	A	0.02
rs78237275	G	-0.0357
rs932734	C	-0.0164
rs2768529	A	-0.0862
rs9516989	C	-0.0351
rs703217	C	-0.0179
rs11620398	T	-0.0523

rs117232157	C	-0.0952
rs117915026	T	0.0303
rs67326375	A	0.0171
rs61968290	A	-0.0564
rs140799182	T	-0.0928
rs34046754	A	0.0501
rs117555591	C	0.0539
rs7318889	G	-0.017
rs61966451	T	0.0274
rs142450222	G	-0.0837
rs61953320	G	-0.0382
rs9529657	A	0.0143
rs9567814	T	-0.0255
rs337964	C	0.0153
rs112938565	T	0.0861
rs34161562	T	0.0372
rs9558699	A	-0.0209
rs142311056	C	-0.0374
rs145754372	C	0.1089
rs9319330	C	-0.0165
rs535367	T	-0.0205
rs4453339	C	-0.0182
rs117060314	C	0.0516
rs72672431	T	0.0737
rs117234198	G	0.0691
rs76663873	G	-0.0887
rs145819767	T	-0.0659
rs11616699	A	0.0562
rs66918117	C	-0.0295
rs138082457	C	-0.0836
rs112798819	A	0.0577
rs11618091	G	-0.0203
rs4770185	C	0.0176
rs7991253	T	-0.07
rs148691951	A	0.0668
rs35964739	T	0.0684
rs9579797	T	0.0769
rs7490125	G	0.0189
rs73244394	A	-0.0162
rs7999632	A	0.0152
rs7999851	T	-0.0273
rs7324513	G	-0.0163
rs34579032	G	-0.0247
rs9516774	A	0.0141
rs1340306	T	-0.0183
rs7333480	G	0.0417
rs78255623	T	0.0422

rs61966019	G	0.0277
rs60951040	C	0.0458
rs3168693	T	-0.0156
rs61969302	A	-0.0394
rs484739	T	-0.0281
rs1146978	G	-0.0307
rs1433229	A	0.017
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rs9507810	A	-0.0303
rs76153530	A	0.0413
rs9525928	T	0.0431
rs74787825	C	-0.0729
rs150319492	G	-0.1005
rs75316456	C	-0.0362
rs147264099	T	0.039
rs57727641	T	0.0178
rs78908125	G	-0.0976
rs2786712	A	0.0149
rs77566325	T	-0.065
rs7335916	C	-0.016
rs116913940	T	0.0977
rs72640701	G	0.1064
rs9537477	G	-0.0137
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rs17276797	T	-0.0163
rs79274681	T	-0.0622
rs837290	A	0.0151
rs117453117	G	0.0656
rs144933946	T	-0.1018
rs591656	T	-0.0495
rs117373525	T	-0.0505
rs2095689	T	0.0148
rs17300439	T	-0.0231
rs138173008	G	0.0394
rs150133380	A	-0.0735
rs73234463	C	-0.0319
rs76656033	C	0.1215
rs61963703	T	-0.0333
rs2382725	C	0.0167
rs17067579	C	0.0525
rs146893107	T	-0.0447
rs9522367	T	0.0577
rs34437950	A	-0.036
rs9563270	T	-0.0261
rs76128521	G	-0.0582
rs7329892	T	-0.0205

rs55651139	A	0.0464
rs146570074	T	-0.0707
rs1886449	T	0.0196
rs876473	T	-0.024
rs74241554	T	-0.0656
rs12428919	G	0.0147
rs10507415	G	-0.0327
rs75314887	G	-0.0312
rs1962566	G	0.0292
rs9599872	T	-0.0479
rs61964104	T	0.0526
rs12870415	T	0.0144
rs79518753	C	0.045
rs9542637	A	-0.0202
rs7325460	G	0.0158
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rs9546696	T	0.0145
rs55993373	T	0.0649
rs8002509	G	-0.0179
rs113816067	A	0.0612
rs9596913	A	0.0234
rs7335884	G	-0.0146
rs144609111	A	-0.0432
rs117921997	T	-0.0938
rs111514145	T	-0.0395
rs142103172	T	0.1193
rs12876946	C	-0.0373
rs9510048	T	0.0308
rs76796444	G	-0.0486
rs73542920	G	-0.0242
rs78505918	G	-0.0387
rs9560281	G	-0.0148
rs9581333	T	-0.0268
rs7991374	G	-0.0138
rs9525528	C	-0.0224
rs146123476	C	-0.0624
rs3887157	G	0.0331
rs76345939	A	0.0747
rs9596898	T	-0.0593
rs1445202	A	0.0141
rs72658600	T	-0.0519
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rs78755797	G	-0.0504
rs117482586	T	-0.101
rs113010993	T	-0.0663
rs116947700	A	0.0683

rs78389896	G	-0.0343
rs138863040	G	0.0896
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rs9579479	A	-0.014
rs139236338	A	0.0526
rs12429031	G	-0.041
rs9552662	C	0.0221
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rs35635842	G	0.0251
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rs1163810	C	-0.0344
rs75431029	G	0.0732
rs9535106	G	0.0307
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rs73184328	A	0.0203
rs9553204	C	-0.0343
rs17218053	C	-0.0924
rs4770260	C	0.0247
rs9539550	T	-0.0362
rs61946650	T	-0.0322
rs9553200	A	0.0371
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rs644093	A	-0.0146
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rs2137079	C	-0.0503
rs4943360	A	-0.0156
rs117460703	A	0.0776
rs144761795	C	0.0861
rs75337569	G	-0.0791
rs66895129	G	-0.0158
rs113901379	A	0.0754
rs117888143	A	-0.1072
rs117290171	G	0.0459
rs77259808	A	0.0713
rs17578502	C	0.0757
rs1852237	G	-0.0138
rs73224431	A	-0.0317
rs9571612	G	-0.0218
rs9521597	C	-0.0184
rs9525422	T	0.0193

rs2325527	T	-0.0702
rs17764707	C	0.0263
rs613015	C	0.0223
rs9539184	A	-0.0289
rs9577581	A	0.0189
rs117915761	T	0.0645
rs151099697	G	0.0473
rs1325650	A	-0.0161
rs1886195	C	0.0187
rs2481970	G	-0.023
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rs7319774	T	0.1126
rs2985928	A	-0.0153
rs145867613	T	0.0812
rs9581282	A	-0.0142
rs7993240	T	0.0274
rs1998567	A	-0.05
rs117271437	C	-0.1485
rs12429218	C	-0.0316
rs148301160	G	0.0674
rs111835721	T	0.0469
rs2183280	G	-0.0199
rs117016456	G	-0.0539
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rs9315447	T	-0.0397
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rs113355214	C	0.0559
rs75024114	A	0.0453
rs9530334	A	-0.0171
rs73605065	C	0.0438
rs2993334	T	0.0163
rs12429298	C	-0.1085
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rs73185585	G	-0.0302
rs79375865	T	-0.0709
rs1473848	G	-0.0559
rs8192892	C	-0.0247
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rs2991407	G	0.0247
rs9520985	G	-0.0142
rs117185508	C	-0.0974
rs1581966	T	0.0694
rs12871039	T	0.034
rs4145023	A	0.0191

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rs73200115	A	0.0595
rs4346088	T	0.0169
rs139961978	G	-0.1184
rs17077384	C	-0.0236
rs9315432	C	0.0151
rs34744049	C	-0.0198
rs9507606	G	-0.0257
rs17342953	T	0.0638
rs77883532	A	-0.1137
rs10507305	C	0.0652
rs80103717	A	0.0783
rs1590377	T	-0.0205
rs117215187	T	0.0994
rs111808548	C	0.0637
rs6491112	G	-0.0482
rs149743702	T	0.058
rs2244124	T	0.0455
rs17677985	C	-0.0182
rs9316430	G	-0.0321
rs1854844	T	0.048
rs12017982	T	0.0588
rs12561345	G	-0.0202
rs7982293	C	0.0174
rs76207902	A	-0.0488
rs12877064	A	-0.0555
rs79881209	G	-0.063
rs17307541	C	0.0456
rs143547439	C	0.0307
rs116607120	A	-0.0209
rs78939031	A	-0.0777
rs9564195	A	-0.0248
rs150774074	C	-0.0471
rs76166449	T	-0.0501
rs9514495	A	0.0206
rs75906977	T	-0.0594
rs2116994	T	-0.0258
rs117090823	A	-0.0541
rs9565708	A	-0.0172
rs1412203	C	-0.0233
rs797209	A	0.0161
rs17073134	A	0.0462
rs9548448	A	0.0164

rs72670693	A	0.0493
rs9578676	G	-0.0281
rs932879	A	0.0143
rs9319424	C	-0.0146
rs9508766	G	-0.0171
rs75655697	A	0.093
rs75538276	C	0.0595
rs77681504	T	-0.0346
rs117323386	G	0.0884
rs78017396	A	0.027
rs74084886	G	-0.0312
rs77521247	G	0.0657
rs9592943	C	0.0226
rs116481864	A	0.0483
rs144336383	C	0.0564
rs117759051	T	-0.0777
rs9548422	A	0.0409
rs79866084	T	0.1109
rs144172403	A	0.065
rs9600099	T	0.0298
rs17539034	T	-0.0284
rs7996509	T	0.0505
rs118004027	G	-0.101
rs9590709	A	0.0318
rs72636441	A	0.0775
rs77991888	T	0.0511
rs138506806	C	0.097
rs117182576	T	-0.0221
rs117264389	G	0.0321
rs9575664	A	0.0465
rs2248601	T	-0.0223
rs11618283	T	-0.0582
rs7981338	C	0.0273
rs9519072	C	0.0187
rs76875113	T	0.0983
rs7338130	G	0.0138
rs139956665	G	-0.0477
rs117465341	C	0.0887
rs73504359	T	0.0286
rs331984	G	0.0246
rs34387812	T	0.0352
rs4509875	T	-0.0165
rs61945072	T	-0.0171
rs1022960	T	0.0149
rs9545612	C	0.014
rs74108202	A	0.0565
rs2483400	A	0.028

rs141344197	C	-0.1026
rs306416	G	0.0134
rs78115669	A	-0.0349
rs9560087	T	-0.0536
rs73160654	G	-0.0188
rs17506931	G	0.0566
rs61951861	A	-0.0284
rs77247836	A	0.0781
rs58697658	C	0.0342
rs9592887	G	0.1073
rs1771137	A	-0.0395
rs74464799	G	-0.0272
rs117673047	A	0.1124
rs76524418	G	-0.0469
rs116896942	T	0.0767
rs10161705	C	0.0198
rs9568497	T	-0.0143
rs117321208	A	0.0831
rs9317727	T	-0.0137
rs117827655	C	-0.0359
rs61971527	T	-0.0468
rs9590239	A	0.0161
rs12429647	A	0.0222
rs17718845	C	0.0506
rs116995314	A	0.0508
rs112802750	C	0.0423
rs1764410	T	0.0404
rs61965864	T	0.0734
rs78604432	A	0.0431
rs111624853	G	-0.0727
rs17175020	T	0.0378
rs117764870	A	-0.078
rs75866346	A	0.0884
rs72647016	A	-0.065
rs61954408	T	-0.0911
rs12868549	C	0.0275
rs7987863	T	-0.0438
rs6563662	G	0.0182
rs17076837	G	-0.0251
rs56251264	T	-0.025
rs61965665	T	-0.0172
rs145763002	A	0.0598
rs9510760	G	-0.0147
rs112669655	T	-0.0568
rs989092	A	-0.1224
rs34690813	G	0.0537
rs9582093	A	0.0184

rs6490478	G	0.0164
rs9669852	G	0.0811
rs3924165	C	-0.0136
rs146566794	T	-0.0772
rs114920690	A	0.0599
rs56012743	T	-0.0404
rs17735324	T	-0.0561
rs4769834	A	-0.0278
rs72635657	A	0.0727
rs9510625	G	-0.0441
rs60409440	T	-0.0613
rs17837324	C	0.0584
rs149318634	G	0.0465
rs73170472	T	0.0588
rs117218426	A	-0.0679
rs7984381	A	0.0159
rs1926600	T	0.0171
rs12430489	C	0.0218
rs9542859	T	0.0744
rs140676593	T	-0.0686
rs77997394	A	-0.0479
rs78901965	A	-0.0408
rs76861803	G	0.0306
rs61948769	T	-0.0246
rs117789484	T	-0.0889
rs77182843	G	0.0783
rs9318043	A	-0.0177
rs75776929	A	-0.0573
rs884313	T	0.0243
rs7325829	G	-0.0183
rs1359483	G	0.0161
rs17348886	T	-0.033
rs12856497	T	0.0213
rs117842164	A	-0.07
rs72637775	C	0.0982
rs17504394	A	-0.0571
rs7990265	T	0.0138
rs1536684	A	0.0587
rs1417480	C	0.0167
rs11618598	T	-0.0555
rs2408987	C	0.0206
rs4151532	T	0.0381
rs56288774	A	0.0596
rs117020184	T	-0.0444
rs144469117	G	0.0766
rs142586110	C	-0.0418
rs76912295	G	-0.0438

rs74039206	G	0.0494
rs11841333	A	-0.0224
rs79475191	T	-0.0535
rs9574768	T	-0.0244
rs12869720	T	-0.0612
rs7994927	G	0.0503
rs7324228	C	-0.0154
rs10454544	G	0.014
rs9533301	G	0.0183
rs9526740	T	0.0235
rs11619168	C	0.0141
rs9538352	A	0.09
rs77271770	A	0.036
rs9578259	G	0.0644
rs562548	A	0.0144
rs118150269	A	-0.0621
rs3102196	C	0.0167
rs9519847	T	-0.0133
rs113281007	G	-0.0406
rs919165	T	0.0145
rs17061921	C	0.0823
rs7320913	G	0.0288
rs80167915	A	0.0522
rs111785014	T	-0.0605
rs11619911	G	0.0289
rs141433198	G	0.0648
rs654454	G	0.0143
rs11618658	C	-0.0154
rs9523052	A	-0.1002
rs9561518	C	-0.043
rs77687323	C	0.0678
rs77173882	T	-0.0701
rs113204721	G	0.0185
rs9593698	T	-0.0171
rs9529426	T	0.0199
rs76869618	G	-0.0349
rs72643628	C	-0.1066
rs9508660	T	-0.0204
rs146153011	T	0.0898
rs9315086	T	-0.0153
rs751511	C	-0.0138
rs11618822	T	0.0414
rs78743833	A	0.063
rs118106483	A	0.0384
rs563538	T	0.0642
rs75828634	A	0.0689
rs973837	C	-0.0179

rs117114931	G	-0.0687
rs4769202	C	-0.0629
rs56046766	T	-0.0159
rs7331865	G	-0.015
rs73524128	A	0.0179
rs75642610	C	0.0701
rs319533	T	-0.0187
rs4283093	A	-0.0198
rs17301222	G	-0.0746
rs11069721	C	-0.0184
rs36206504	C	0.0697
rs78494830	T	-0.0404
rs12429670	A	0.0221
rs12872813	T	-0.0795
rs17754809	G	0.0364
rs73443844	G	0.0325
rs9531109	A	-0.0216
rs146057001	C	-0.0662
rs4609708	G	-0.0156
rs78774596	A	0.0297
rs117793170	T	-0.0649
rs9539519	A	0.017
rs76098997	T	-0.0683
rs117164344	A	0.0462
rs79083026	G	0.0304
rs11843657	C	0.0212
rs73167366	G	-0.0246
rs73192349	A	0.0348
rs3956362	G	-0.0172
rs112966562	G	0.042
rs9535565	T	-0.0167
rs117431650	G	0.0766
rs9583395	C	0.0327
rs9510307	G	-0.0154
rs118119053	C	0.0905
rs138828116	A	-0.0535
rs150399075	T	-0.0407
rs74238745	A	0.0401
rs9565286	C	-0.0164
rs73190952	T	0.0821
rs9540576	C	0.0399
rs11619141	T	-0.0605
rs74494256	A	-0.1002
rs58602193	A	-0.0256
rs17325713	T	0.0373
rs12869943	G	-0.015
rs79620920	C	-0.0737

rs79765615	C	-0.0408
rs76749610	A	0.0497
rs11069566	C	0.0221
rs7321524	A	0.0379
rs414792	C	-0.036
rs4770326	A	0.0232
rs146061718	T	-0.0902
rs73208049	C	-0.0339
rs143032073	G	0.1147
rs117958381	A	-0.1024
rs1855783	C	-0.0449
rs149856712	T	-0.0385
rs113407875	T	-0.0406
rs146026988	T	0.0724
rs73154628	A	0.0439
rs142751658	C	-0.1092
rs9599012	G	-0.0254
rs145142748	A	-0.0465
rs1631696	A	0.0324
rs568414	T	0.0171
rs9524810	A	0.0639
rs112065802	C	-0.0545
rs57597292	T	-0.0168
rs112219219	C	0.0353
rs9524362	G	-0.0143
rs1022947	C	0.0157
rs117403336	A	-0.0848
rs111328681	T	-0.0406
rs113189301	T	-0.0584
rs546003	A	-0.0581
rs9514674	A	0.0691
rs1753637	T	0.0146
rs34774595	A	0.0318
rs9507211	T	-0.0144
rs79046253	C	0.0429
rs17080600	G	0.0617
rs9537022	T	-0.0163
rs145974931	A	0.0824
rs997271	A	0.018
rs72666517	A	-0.0305
rs73165520	C	-0.074
rs9527038	G	0.0168
rs1744588	G	0.0183
rs72663539	A	-0.0326
rs72637444	T	0.0428
rs80303948	T	-0.0624
rs1927847	C	0.0147

rs116872968	T	-0.037
rs9560335	T	0.0171
rs9557217	C	-0.0163
rs12429630	T	0.0334
rs112299334	G	0.0572
rs71429613	G	-0.0965
rs12429105	C	0.0488
rs78229869	C	-0.055
rs6563808	T	-0.0149
rs11620460	A	-0.0455
rs117630493	G	0.0538
rs74085852	C	0.0306
rs79363450	A	0.0275
rs1175387	G	-0.0585
rs9516234	A	-0.0133
rs7324721	G	-0.0137
rs71436473	G	-0.0191
rs73244400	A	-0.0955
rs2245745	C	-0.0317
rs142946996	A	0.0948
rs73582363	C	-0.1299
rs947076	A	0.0132
rs138845601	A	-0.0633
rs9587320	T	-0.0505
rs2259398	C	0.0145
rs7987020	A	-0.0212
rs2476726	T	0.013
rs35445255	G	-0.0179
rs35827584	T	-0.0146
rs55842160	C	-0.0192
rs77896813	G	-0.0734
rs9514730	T	-0.0522
rs61952994	C	-0.0639
rs9584585	G	0.0165
rs9319336	C	0.0287
rs17233698	A	0.0685
rs79009905	A	-0.0492
rs9532768	A	0.0172
rs618715	T	0.0173
rs117098580	T	0.0712
rs8002846	G	0.0157
rs8000335	A	0.0273
rs73164747	A	0.0471
rs78173087	A	0.0193
rs11616447	T	0.0162
rs147858492	A	-0.0696
rs17072389	C	0.0705

rs566996	T	-0.0158
rs144069448	G	-0.0822
rs1984603	G	-0.0293
rs77430019	T	0.0469
rs9550964	G	0.0158
rs1231054	T	-0.0134
rs77368063	T	-0.0418
rs117739522	G	-0.0697
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rs17432440	C	-0.0291
rs9526691	A	-0.0584
rs117599804	C	0.0979
rs116998250	T	-0.1123
rs60643096	G	-0.0569
rs35412697	G	-0.1042
rs7327952	A	0.0142
rs9525843	G	0.0181
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rs112913402	T	-0.0411
rs2181619	T	-0.0167
rs11843007	G	-0.0244
rs142879602	A	0.0549
rs9555163	A	0.0915
rs113952123	A	0.0469
rs142327778	C	0.0465
rs2793488	G	-0.0184
rs117051420	C	0.0546
rs78286133	T	-0.0403
rs149206168	T	0.0742
rs61965540	C	0.0697
rs117611611	C	-0.051
rs7986134	G	-0.0153
rs78250216	T	0.0731
rs11617778	G	-0.0227
rs17548249	C	0.0372
rs117832716	A	0.0603
rs116858106	A	-0.0374
rs17470810	A	0.0288
rs143144060	T	-0.0986
rs9594600	A	-0.0382
rs12585641	T	0.0273
rs4468462	A	-0.0315
rs6491124	T	0.0173
rs2755223	T	0.0169
rs35485247	A	-0.0166
rs9542987	T	-0.0165

rs117911332	T	-0.0674
rs7489430	T	0.0176
rs656879	A	-0.0147
rs77846171	T	-0.0455
rs4771009	G	0.0247
rs9527014	T	-0.0249
rs58169956	T	0.0332
rs73206831	C	-0.0934
rs112221936	T	-0.0801
rs9522147	G	0.0155
rs2038848	T	-0.0773
rs12430946	A	0.0203
rs117946177	G	0.0348
rs9562566	C	0.023
rs4884321	T	0.0139
rs7998729	G	0.017
rs72652606	C	0.0251
rs142185765	C	0.0539
rs12428422	A	-0.0191
rs144614090	C	0.1075
rs7317455	G	0.0826
rs112737168	T	0.0987
rs7998820	C	-0.0299
rs1415242	T	0.0148
rs146569130	A	0.0632
rs74671239	T	-0.0422
rs77693478	A	0.0194
rs57640248	G	-0.1456
rs9547158	T	-0.0157
rs2893394	T	0.0148
rs7991883	G	-0.0245
rs113541606	T	-0.0884
rs7330151	G	-0.0257
rs1328684	C	-0.0134
rs4885090	T	0.0245
rs7321485	C	-0.0204
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rs75396052	G	-0.0731
rs77275086	C	-0.0839
rs35274170	A	-0.0544
rs150928761	A	-0.0566
rs72658245	T	0.1081
rs12864735	T	-0.0209
rs9316854	A	0.0156
rs7322119	A	0.0177
rs115829828	T	0.0178
rs12875969	T	-0.0243

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rs9576354	C	0.0147
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rs138591081	G	-0.1001
rs17243410	A	-0.02
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rs9580442	T	0.0138
rs77370994	A	0.0458
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rs148629257	G	0.0729
rs2148764	A	0.0176
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rs61974389	G	-0.0418
rs9554774	G	0.0259
rs9533886	G	-0.0136
rs78734091	G	-0.0933
rs12100119	A	-0.0398
rs35765873	C	-0.0543
rs2819225	T	0.0153
rs7332682	A	0.0158
rs11617567	T	-0.1032
rs17061319	G	-0.0172
rs117571182	T	-0.0453
rs117450921	A	-0.0432
rs4567574	A	-0.0245
rs1509277	A	0.0128
rs2793274	T	0.0747
rs1924960	A	-0.0182
rs115150485	C	-0.0311
rs490763	C	0.0254
rs77552333	T	0.0679
rs147604422	C	-0.1144
rs150834596	A	-0.1059
rs485385	T	-0.0629
rs34682055	T	0.0264
rs117100693	T	-0.0852
rs4274315	T	0.0744
rs117776774	A	-0.0679
rs3129595	T	0.03
rs112098398	A	0.0156
rs2657132	T	-0.0133
rs141801666	T	-0.0287
rs11147961	G	0.0427

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rs1576166	C	0.0131
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rs9529802	C	0.0514
rs9514669	C	0.0245
rs9301357	G	-0.0141
rs9508337	G	0.013
rs139332989	G	0.0443
rs10220201	T	-0.037
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rs147737075	G	0.092
rs4517638	A	-0.0225
rs117903529	A	0.0759
rs9512519	C	-0.0286
rs117617434	T	-0.0805
rs77952707	A	0.0773
rs6562828	A	0.0242
rs117403321	T	0.044
rs141108425	T	-0.097
rs150035049	T	-0.0695
rs117104087	T	-0.0871
rs117814706	A	0.0397
rs12867125	G	0.0149
rs148426756	T	0.0581
rs111281841	T	-0.0542
rs11147964	T	-0.0161
rs10219784	T	0.0205
rs117679690	A	-0.0379
rs11618335	A	0.0714
rs16970623	C	0.0155
rs56092541	T	-0.0582
rs34011931	G	0.0133
rs7323925	C	-0.0369
rs80080384	G	-0.0782
rs140947194	A	-0.0632
rs9543565	A	0.0149
rs141590359	T	-0.067
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rs12429836	A	-0.0165
rs876100	C	-0.0249
rs79454906	G	-0.059
rs76003798	A	-0.0553
rs9575791	G	-0.0188

rs8002308	C	0.0307
rs76941131	C	0.0189
rs143482464	A	-0.0901
rs2391232	C	-0.0171
rs4773354	T	-0.0174
rs9536993	A	0.0627
rs117877369	C	-0.0779
rs146499935	T	-0.0415
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rs58460978	T	-0.0289
rs10459317	C	0.0188
rs2391347	C	-0.0134
rs79839587	G	0.0495
rs143147871	T	0.0945
rs117396395	T	0.0528
rs9592165	C	-0.0519
rs9524483	A	0.0257
rs9598063	A	0.0908
rs9567347	T	-0.0254
rs2210849	C	0.0179
rs141671212	G	-0.0448
rs7335818	C	0.0153
rs112401855	T	0.0734
rs9318318	A	0.0126
rs2493584	G	-0.0558
rs114641328	A	0.0546
rs11618964	A	0.0188
rs61954052	G	0.0569
rs2019359	G	0.0125
rs7997113	A	-0.0163
rs117355848	A	-0.0715
rs73174378	C	0.0205
rs116941237	C	-0.0462
rs149654819	C	0.0661
rs61941362	G	-0.0447
rs72652244	A	-0.0164
rs61955593	A	-0.058
rs113083165	G	0.0424
rs61950465	C	0.0728
rs117151731	C	0.0688
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rs12583467	A	-0.0384
rs76223050	A	-0.0267
rs9548307	T	-0.0207
rs117421874	T	-0.078

rs8002113	A	0.0161
rs7317338	A	0.0124
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rs4907719	C	-0.0279
rs146554171	T	-0.0469
rs113312250	C	0.0375
rs75313109	T	-0.0397
rs9301384	T	-0.0252
rs9805554	T	0.0192
rs56920028	G	-0.0136
rs75172178	C	0.0221
rs4883970	G	-0.0124
rs56279029	T	0.0614
rs1170994	T	0.0179
rs72647448	T	-0.0508
rs76048985	T	-0.0815
rs9524374	A	-0.0215
rs12867694	T	0.0341
rs4942423	T	-0.0333
rs117539543	C	0.0806
rs117261888	T	-0.065
rs74086613	G	0.0257
rs8000390	G	-0.0164
rs7992929	A	-0.0131
rs113023745	A	-0.0375
rs1451781	C	-0.0202
rs73182152	G	0.0489
rs117674867	A	0.0832
rs75359013	C	0.0505
rs10508158	T	0.014
rs9588138	C	-0.0177
rs118016055	T	-0.1177
rs11841875	T	-0.0201
rs78670586	T	0.0507
rs9535604	T	0.0161
rs77600269	C	0.0811
rs1798967	T	0.0247
rs2147989	A	0.0266
rs1887413	C	-0.0129
rs147570987	T	0.0852
rs72657974	A	0.0487
rs74424395	C	0.0509
rs1149830	G	0.0129
rs17235614	T	0.0413
rs78202809	A	-0.0266
rs3180699	G	0.0496
rs117643903	T	0.0672

rs111422371	C	0.0744
rs475303	T	0.0133
rs61957273	C	0.068
rs17076433	T	-0.0216
rs9510385	G	-0.014
rs17514320	G	0.0213
rs1547329	A	0.0201
rs73175365	A	0.0871
rs45519734	G	0.0794
rs4238226	A	0.0128
rs61969578	A	0.1063
rs61945033	A	-0.0194
rs4943765	A	0.0137
rs1003093	C	-0.0191
rs9506242	A	0.0158
rs9531978	A	0.0523
rs9531508	G	0.016
rs9549595	G	0.013
rs61951878	T	-0.0281
rs9646061	G	-0.0277
rs111759134	C	-0.0587
rs9519815	A	0.0253
rs151195016	G	-0.0544
rs76112369	G	0.0549
rs73234113	T	0.0702
rs72651193	C	0.0188
rs7322849	T	0.0237
rs7994555	G	-0.0215
rs11838775	T	0.0276
rs79416796	G	-0.0291
rs114332183	A	-0.0682
rs117838470	T	-0.058
rs9527153	C	-0.0152
rs75752319	C	0.0166
rs74319042	A	0.0706
rs151338843	A	-0.1223
rs57076404	T	-0.0153
rs9541407	G	-0.0129
rs7982576	T	-0.0196
rs80097212	C	0.0813
rs151081045	T	0.0458
rs150676344	G	-0.0809
rs9552541	G	0.0143
rs7332984	T	0.0923
rs73439789	T	-0.0368
rs142579012	A	0.0838
rs10747173	T	0.0134

rs13378814	C	-0.0483
rs9581847	A	0.0231
rs73251347	C	0.0214
rs79515118	T	0.0271
rs77007882	A	-0.0226
rs9318684	C	-0.0182
rs9521310	T	-0.0127
rs9563026	C	-0.0157
rs3014932	T	-0.0131
rs17691046	T	0.0246
rs117351836	A	0.0404
rs117144470	A	-0.0631
rs2590168	T	-0.0465
rs141829508	A	-0.0624
rs75591565	C	0.0249
rs74495446	T	0.0721
rs142831959	C	0.0825
rs9565396	A	-0.0188
rs9535415	A	0.0151
rs7982249	T	-0.0392
rs117619804	C	-0.0462
rs137972730	C	0.1282
rs138389222	A	-0.0534
rs16961614	C	0.0259
rs75394946	G	-0.0312
rs2767575	C	0.0272
rs56120102	A	-0.0213
rs9536565	T	-0.0157
rs17669330	C	-0.0128
rs146745898	A	0.0855
rs79871575	A	-0.075
rs1341837	T	0.0138
rs73245377	A	0.0246
rs79334469	A	-0.0614
rs9317951	A	0.0138
rs73530236	C	0.0225
rs9601361	A	0.0148
rs139712479	A	-0.0483
rs184828	T	-0.0153
rs7323029	A	0.0247
rs9557345	G	-0.0129
rs659734	G	-0.0268
rs7139717	C	-0.0125
rs1924351	T	-0.0145
rs7999704	T	0.0462
rs7490092	C	-0.028
rs117820106	T	0.0888

rs790323	A	0.0181
rs34907271	C	0.0709
rs12856232	T	0.056
rs9562616	C	-0.0146
rs117860697	C	-0.0508
rs71438133	G	0.0438
rs9300407	A	0.0124
rs831159	T	0.0142
rs73168291	C	-0.0434
rs78363189	A	-0.0432
rs1967799	G	-0.0151
rs143413147	T	0.0602
rs116952121	A	0.0593
rs559054	T	-0.0165
rs1570744	T	0.0153
rs78217510	C	-0.0507
rs117809219	A	-0.0383
rs66736947	A	0.0247
rs138725305	A	-0.05
rs1517882	G	0.0119
rs138065539	A	-0.0311
rs72641906	G	0.0166
rs9573319	T	0.0286
rs17189306	T	0.1004
rs61968657	A	-0.0816
rs113354892	A	-0.0208
rs72659259	A	0.0361
rs9520976	A	0.0292
rs9536412	A	0.0164
rs12868110	A	0.0295
rs9554807	T	-0.0137
rs142164628	T	-0.0389
rs7336815	G	0.0236
rs72629477	G	-0.0699
rs12427608	C	-0.0386
rs61950398	G	-0.0539
rs9554472	T	-0.0179
rs17625232	T	0.0405
rs17079019	A	0.0355
rs1380336	T	-0.0204
rs17058126	T	0.0322
rs141381836	T	0.0803
rs117222438	T	0.0793
rs117857989	A	0.0544
rs1686660	A	0.0139
rs6491985	G	0.0172
rs9578438	T	0.0435

rs36094954	A	-0.0597
rs4771803	A	0.0212
rs56204438	T	-0.0454
rs34464340	T	-0.0355
rs3117978	G	0.0246
rs2184652	G	0.0156
rs144280418	G	-0.0692
rs73234948	G	-0.0372
rs146325300	T	0.0619
rs1604861	G	-0.0145
rs4770398	C	-0.0187
rs77898753	T	-0.0811
rs7335770	A	0.0618
rs77352197	C	0.0389
rs1340708	C	-0.0273
rs147862304	G	0.044
rs79722196	T	0.0401
rs139315204	A	0.0241
rs9510791	G	-0.012
rs9599966	G	0.0213
rs1410433	G	-0.0162
rs7327786	G	0.0192
rs61952793	G	0.0722
rs75257825	T	0.035
rs117782111	G	0.0889
rs138151917	A	-0.0486
rs9521700	A	0.0213
rs138676125	G	0.0631
rs73210561	G	0.0461
rs9547078	T	0.0288
rs138154693	C	0.0426
rs78834816	G	-0.0332
rs75941446	A	-0.0401
rs1555595	G	0.0133
rs2183213	G	0.0123
rs12867712	C	0.0319
rs7319984	C	0.0333
rs77522452	A	0.0706
rs9514072	G	-0.0154
rs4772545	A	0.0122
rs117410592	A	-0.0588
rs142582528	T	-0.0613
rs2993571	G	-0.0129
rs4150729	T	-0.0421
rs235777	T	-0.0169
rs73210276	C	-0.0436
rs9315202	T	-0.0133

rs61945332	A	-0.0406
rs17054277	A	0.0444
rs2053440	A	-0.0169
rs60176388	G	-0.0133
rs1550669	C	-0.0164
rs8000233	G	0.0121
rs7990462	A	0.0186
rs1075082	A	0.0301
rs9301259	A	0.0181
rs11618366	T	-0.0156
rs9583361	T	-0.0129
rs17072022	C	0.029
rs3904322	C	0.0133
rs11843256	A	0.0185
rs74586325	A	-0.0317
rs73194198	T	-0.0179
rs76107518	A	0.0871
rs9575390	G	-0.0351
rs74679229	A	-0.048
rs34743317	T	0.0176
rs34219917	A	0.012
rs7338134	G	0.0209
rs4592522	T	-0.0162
rs73184627	T	0.0423
rs117772893	A	0.0744
rs72646790	G	0.0407
rs529349	T	-0.0179
rs111605263	T	0.0652
rs72663954	G	0.0782
rs60504393	A	0.0322
rs17293303	G	0.02
rs116847206	A	0.0495
rs7140052	G	-0.0158
rs117965096	T	-0.0291
rs60923986	T	0.0284
rs73224170	G	-0.0187
rs3007769	T	0.0194
rs17314215	A	-0.0179
rs73212750	G	-0.1143
rs9560588	T	0.0278
rs116875202	C	0.0812
rs10161635	T	0.0142
rs9555187	C	0.0235
rs9568024	T	-0.025
rs12866098	A	-0.0126
rs9520874	T	-0.0725
rs143040028	G	0.0441

rs61969449	A	-0.1004
rs56074835	A	-0.1145
rs7334549	G	0.0792
rs17530211	A	-0.0221
rs79381365	T	0.0662
rs76632689	C	-0.0398
rs144148910	T	-0.0749
rs112384776	T	0.0476
rs56737298	T	0.0176
rs974420	A	-0.0121
rs55687338	T	0.0277
rs66622606	C	-0.0356
rs4771521	G	-0.0188
rs9530254	A	-0.0142
rs7984799	C	-0.012
rs61945093	G	0.0268
rs78609575	C	-0.0378
rs79525961	G	0.0747
rs150263635	C	0.0715
rs7331188	T	-0.0288
rs9508104	C	0.0156
rs55885781	A	-0.0333
rs17674822	A	0.034
rs9577454	T	0.0137
rs116921945	T	0.0496
rs2919684	C	0.0161
rs137874516	C	-0.058
rs74650680	G	-0.0493
rs4393435	A	-0.0134
rs61973347	G	0.0638
rs61954157	A	-0.0642
rs1979029	G	-0.0127
rs2875666	C	-0.0182
rs2902464	C	-0.0176
rs685167	C	-0.0188
rs74769371	A	0.0276
rs117255454	G	-0.056
rs7989223	T	-0.023
rs74819337	G	-0.0276
rs7989101	G	-0.0471
rs12865449	C	0.0192
rs9547938	G	-0.0548
rs9598164	T	0.0424
rs74823477	C	-0.0656
rs118104214	T	0.0692
rs17566090	G	0.066
rs77160885	T	0.0329

rs79720602	A	-0.0226
rs1322946	G	-0.0209
rs73181242	T	0.043
rs144404508	A	-0.0756
rs74113461	A	0.0366
rs9554648	G	0.0158
rs1340709	T	-0.0148
rs16963116	A	0.0397
rs145187452	C	0.0646
rs11839433	T	-0.0328
rs137965719	T	-0.066
rs35031160	A	-0.0158
rs7988219	C	0.0137
rs79264064	T	0.0288
rs76106569	T	0.0451
rs144030715	C	-0.0721
rs9519919	T	0.0121
rs73173118	A	-0.0659
rs117348826	A	0.0749
rs61967871	A	0.0503
rs1924778	G	-0.016
rs9558602	C	0.0131
rs10507526	G	0.0597
rs61730892	T	-0.0611
rs66572249	A	-0.0217
rs9544874	T	0.0799
rs3903012	G	0.0137
rs150108138	G	0.0342
rs4941459	C	-0.0135
rs143534413	T	0.0485
rs76922499	T	-0.049
rs118007541	G	0.0579
rs719757	A	-0.0702
rs7992472	A	-0.0116
rs141294918	T	0.0766
rs55839837	A	-0.0301
rs3121791	G	0.072
rs9525275	C	0.0206
rs74925281	G	0.0485
rs397869	T	0.0142
rs9550565	C	0.0151
rs9564792	A	-0.0152
rs76724902	T	0.0334
rs1163846	A	-0.0198
rs998507	G	0.0311
rs117663765	A	0.0258
rs75571225	T	0.0841

rs12873728	C	-0.0762
rs9511111	A	0.0204
rs117236298	A	0.0841
rs138841471	G	0.0547
rs9590159	T	-0.0445
rs148658100	T	0.0441
rs1003092	G	-0.0117
rs9560223	C	-0.037
rs7322443	C	-0.0229
rs1891156	C	-0.021
rs57485805	A	-0.064
rs9573333	C	0.0196
rs145150132	C	-0.0482
rs9553234	G	-0.013
rs113426868	A	0.0401
rs12428713	T	0.0693
rs35048777	C	-0.0732
rs11619131	C	-0.0143
rs141965780	A	0.0436
rs72647605	T	0.054
rs4572246	T	-0.0174
rs73160540	C	-0.0224
rs35651558	T	0.0533
rs117210176	C	0.0735
rs117134719	T	-0.0467
rs140352474	A	0.0657
rs61962284	G	-0.0159
rs55721280	A	-0.073
rs9527556	C	-0.0493
rs9604616	A	0.0222
rs149889776	G	0.0582
rs969858	T	0.013
rs11616259	T	-0.0508
rs880165	A	0.0113
rs9562582	C	-0.04
rs9522706	A	-0.0142
rs113602563	G	-0.0633
rs77097289	G	-0.0549
rs61952966	G	0.0608
rs4941846	C	-0.0226
rs113956893	C	-0.0249
rs61950600	T	0.0503
rs75363007	C	0.0251
rs57444328	C	0.0615
rs17791172	C	0.0187
rs17326790	T	-0.1104
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rs9533216	G	-0.0128
rs9603088	A	0.0237
rs61969980	G	0.0397
rs80221514	C	-0.0898
rs4885435	T	0.0172
rs9542278	C	-0.013
rs1869008	C	0.0506
rs9514085	G	0.0302
rs4291782	T	0.0291
rs143846355	G	-0.0605
rs7992385	C	-0.0155
rs9583190	T	0.0157
rs9511036	G	-0.0173
rs145477310	T	-0.0588
rs1830942	A	0.0173
rs80259631	A	0.0316
rs142066646	C	-0.0693
rs150316346	C	0.0389
rs56266662	C	-0.0512
rs1998609	C	0.0148
rs60288953	A	0.0745
rs74813221	T	0.0533
rs67994003	T	0.0182
rs78144902	T	-0.0266
rs7326616	C	-0.0147
rs78377684	A	0.0297
rs113071501	C	0.0296
rs117713600	T	-0.0809
rs1394322	G	0.0189
rs167750	A	-0.0459
rs35331237	T	0.0161
rs79645674	T	-0.0191
rs150105476	C	-0.0563
rs2301578	C	-0.0844
rs113776857	A	-0.0942
rs78586648	G	0.0227
rs113284211	A	0.0839
rs7490757	A	-0.0233
rs77075058	G	0.0636
rs111616110	G	0.0286
rs79630691	A	-0.0465
rs915412	C	-0.0175
rs11620454	G	-0.0293
rs17656152	T	0.0449
rs145411117	T	-0.0435
rs2862246	A	-0.0121
rs116465179	G	0.0472

rs117380723	A	-0.0553
rs16963188	C	0.0726
rs9532263	A	0.0157
rs2184199	G	-0.0152
rs112849404	C	-0.076
rs138593934	T	0.0421
rs112110185	C	-0.0582
rs34092155	C	0.0264
rs9545604	T	-0.012
rs9543492	C	-0.0131
rs17735330	C	-0.0145
rs9509170	T	-0.013
rs61964494	C	-0.0191
rs141782873	C	0.0355
rs548332	G	0.0431
rs3119857	G	-0.0202
rs7990379	T	-0.014
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rs77613050	C	0.0384
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rs138653125	T	-0.0593
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rs76929201	T	0.0531
rs113908791	T	0.0239
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rs17569833	T	0.0473
rs1047768	T	0.0117
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rs9541696	A	0.0216
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rs117780601	C	-0.0892
rs75895755	A	-0.0509
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rs147296213	T	-0.0229
rs61651420	C	-0.0201
rs13313321	A	-0.0175
rs78269601	A	0.0624
rs73501761	G	-0.0538
rs141399157	T	-0.0214
rs116878743	T	-0.0768
rs9550771	T	0.0138
rs6650254	T	-0.0153
rs877918	A	0.0179
rs72646783	T	-0.0462

rs117553146	T	-0.0752
rs9315000	T	0.0559
rs79054289	T	-0.0374
rs7995502	T	0.024
rs942351	T	-0.0183
rs140195999	A	0.0748
rs72634677	G	0.018
rs151165951	C	-0.025
rs146394135	A	-0.0578
rs35944970	C	0.0166
rs147014877	T	-0.0976
rs150130196	A	-0.0359
rs744574	C	0.0152
rs77649743	A	0.0586
rs9530810	G	-0.0131
rs9518715	G	0.0136
rs9519178	C	-0.0114
rs140496310	A	0.0601
rs12870271	G	0.0261
rs74036261	A	0.0533
rs36071623	A	0.0349
rs78465319	T	0.0737
rs117671812	C	0.0945
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rs79728077	A	0.0568
rs78344787	T	0.0262
rs11839787	G	-0.0111
rs145328535	A	0.0569
rs146746062	T	0.0665
rs117391534	T	0.037
rs9542354	T	-0.0287
rs1932298	G	0.0111
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rs7328172	C	-0.0238
rs147601419	C	-0.0659
rs117186991	T	-0.0891
rs7335106	A	0.0694
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rs140620403	G	-0.0473
rs73192659	C	-0.0134
rs1218836	T	0.0187
rs9599410	A	0.0142
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rs142511966	A	0.0699
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rs1972228	T	-0.0158

rs9516411	C	-0.017
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rs7987325	T	-0.0117
rs55704291	C	-0.0762
rs11620579	C	-0.0215
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rs6492697	T	-0.0122
rs17206382	G	0.0651
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rs8000455	C	-0.0271
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rs77375871	A	-0.0489
rs79590717	C	0.0324
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rs117634431	A	-0.0641
rs7338569	G	0.0253
rs79909142	T	-0.045
rs4145891	A	0.0239
rs113566355	A	-0.047
rs9588754	T	-0.0172
rs112797401	T	-0.0535
rs73160093	A	-0.0577
rs72665852	A	0.0661
rs147790256	A	-0.0621
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rs71442152	G	0.0857
rs144186091	G	0.0637
rs9550642	A	0.0225
rs72641654	A	0.1197
rs12869757	T	0.0242
rs56332853	C	0.1173
rs7990294	T	0.0376
rs140553908	T	0.0945
rs117667875	T	-0.0416
rs867482	G	-0.014
rs17281886	G	-0.0156
rs74322650	A	-0.0535
rs2289898	G	-0.0135
rs113467349	C	0.0548
rs72660030	T	0.0383
rs79831254	G	0.0651
rs797489	T	0.0387
rs2146439	T	-0.0116
rs61975890	G	-0.0472

rs77030742	A	0.0434
rs118183076	G	-0.0311
rs9556264	G	0.0405
rs74708061	T	0.0314
rs111940023	A	0.062
rs3014937	C	0.0125
rs9519874	G	-0.0301
rs117119350	A	-0.1066
rs4772985	T	0.0127
rs9580924	A	0.0185
rs4771051	A	0.0317
rs117876177	C	0.0485
rs55939363	A	-0.0159
rs9591501	T	0.0215
rs9573547	A	-0.0381
rs7328236	G	-0.0146
rs79392328	A	0.0329
rs11069366	C	0.0152
rs9511682	G	0.0133
rs9511659	T	-0.0147
rs113658693	A	0.0401
rs1412821	G	0.0171
rs150892080	T	0.0745
rs2404725	G	-0.0186
rs149243274	A	0.0554
rs9552685	A	0.043
rs118069598	G	-0.046
rs74980211	G	0.026
rs16961271	T	0.0162
rs118061276	A	-0.0675
rs9522002	C	0.0161
rs56395966	T	0.0146
rs7999437	A	-0.0218
rs142017276	G	0.0757
rs9544287	C	0.0626
rs78535105	A	-0.0435
rs7997760	A	0.0471
rs6491353	G	0.0266
rs78804331	T	-0.0249
rs139746969	T	-0.0566
rs141665788	G	0.0898
rs17073650	G	-0.0589
rs117108012	A	-0.0697
rs147190079	T	0.1079
rs117905204	A	-0.0677
rs61966720	T	-0.0299
rs1359311	G	-0.0148

rs73161828	C	0.0283
rs77650570	A	0.0313
rs145193640	C	-0.0459
rs7321559	C	-0.0117
rs141548923	T	0.0814
rs61947387	A	-0.0498
rs79587940	T	0.0688
rs75879385	G	-0.0899
rs77830717	G	0.0557
rs117115635	T	-0.0456
rs1412939	G	0.0135
rs79484776	G	0.0215
rs9543569	A	-0.0209
rs943923	A	-0.011
rs117645385	C	0.0481
rs10467512	C	0.0215
rs142244071	A	0.0462
rs1751025	G	0.0115
rs55956613	C	-0.0257
rs9598029	C	-0.0661
rs17491680	C	0.0149
rs139827118	A	-0.0642
rs9603776	T	0.047
rs139284434	C	0.0673
rs77977614	A	0.0497
rs7994950	G	0.0485
rs9567028	T	-0.0147
rs2096091	C	-0.0301
rs118167689	C	0.0493
rs61965640	T	0.038
rs72646787	T	-0.0193
rs79619116	A	-0.0592
rs78148966	T	0.0943
rs2002022	C	-0.0179
rs78688794	T	0.0425
rs73173341	C	-0.0168
rs61142600	C	-0.0465
rs4885480	A	0.0124
rs9543351	G	0.0126
rs7985042	C	-0.0143
rs12429082	G	0.0119
rs75667235	A	0.025
rs1730643	A	0.0217
rs17080603	G	0.029
rs76596114	T	0.0579
rs9598343	G	-0.0445
rs9554017	G	-0.0128

rs3790023	C	-0.0157
rs79681682	G	0.0155
rs9545349	C	-0.0132
rs1220605	G	-0.0113
rs9549218	A	-0.0228
rs12583809	C	0.0138
rs11619307	A	0.026
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rs117835960	T	0.0493
rs4772063	C	-0.0144
rs12869244	T	-0.0579
rs78849436	T	0.0404
rs4143549	C	0.0113
rs117447627	A	-0.0577
rs11620228	G	-0.0144
rs113808518	G	-0.0547
rs138720150	C	0.0496
rs61971832	T	-0.0682
rs9571720	T	-0.0139
rs147221563	C	-0.0761
rs28657402	A	-0.0121
rs79492415	T	0.0439
rs9526160	G	-0.0355
rs9548411	A	-0.0193
rs11616500	A	-0.0203
rs1332592	C	0.0189
rs75949349	A	-0.0468
rs113231593	C	-0.0658
rs114932522	G	-0.0256
rs3930804	T	0.057
rs9519303	G	0.0699
rs11619302	A	-0.0126
rs7993194	G	-0.0188
rs137974868	G	0.0476
rs77890543	C	0.032
rs79140589	G	0.062
rs9515104	G	0.0146
rs12867510	A	-0.0124
rs117810965	A	0.0695
rs145461961	C	0.0587
rs73205683	A	0.0479
rs61962269	C	0.0493
rs118100342	A	0.0429
rs61143544	T	-0.0213
rs117163394	C	0.0455
rs140870347	T	-0.0802
rs80161195	T	0.0318

rs138165925	C	-0.061
rs17084522	A	-0.023
rs112814402	A	-0.0332
rs117451330	C	0.0427
rs2478205	A	0.0375
rs678658	A	0.0178
rs149874296	A	-0.0504
rs2858822	A	-0.0128
rs9551672	A	-0.0142
rs76519883	G	-0.0416
rs148881740	G	0.0525
rs4769026	C	0.0113
rs1536937	C	-0.0221
rs2104276	G	-0.0109
rs9533820	A	-0.0438
rs73219528	C	-0.0114
rs77094283	A	-0.0396
rs9574174	T	-0.0106
rs112052794	A	-0.028
rs6491727	G	-0.0113
rs9315026	C	0.0108
rs58541587	T	-0.0265
rs117193997	A	-0.0648
rs4075251	A	-0.0338
rs111259849	A	0.0861
rs139682078	G	-0.0503
rs4544103	T	0.0226
rs806309	T	0.0657
rs17368877	C	-0.0573
rs9530271	T	-0.0111
rs78473166	A	-0.0281
rs141004959	T	0.0511
rs117385475	A	0.0547
rs34799117	G	0.0133
rs16963096	T	-0.0385
rs144073682	C	0.0888
rs9564878	A	0.0181
rs61047302	A	-0.0251
rs73214872	G	-0.0432
rs73154551	A	-0.0161
rs111263971	A	0.0499
rs61749897	G	-0.022
rs73522896	C	0.0545
rs7350657	T	0.02
rs143038084	C	0.0408
rs11148193	T	0.0282
rs116932018	T	-0.0695

rs67272988	T	-0.0235
rs73525536	T	0.0633
rs112130633	C	0.0408
rs140279392	A	-0.0447
rs61957720	C	-0.0223
rs55864343	C	-0.0122
rs622715	T	0.0161
rs143380075	G	0.0746
rs111308465	T	-0.0463
rs16952130	G	-0.0164
rs143271833	G	0.0466
rs1537994	C	-0.0176
rs7326188	C	0.0505
rs12864811	T	-0.0168
rs140446625	G	0.0958
rs147586210	T	-0.0448
rs114604888	T	0.0532
rs1752136	G	-0.0354
rs117392936	T	-0.0513
rs113113533	C	-0.0374
rs150563299	G	0.1023
rs6563500	A	0.0203
rs146345213	T	-0.0394
rs672905	T	0.0128
rs74395661	T	-0.0862
rs143637858	T	-0.0678
rs985288	G	0.0109
rs56028927	A	-0.0231
rs9516502	A	0.0112
rs1283200	T	-0.0116
rs148047697	T	0.0723
rs61946876	C	0.0208
rs79011253	T	-0.0401
rs73571087	C	0.0217
rs145495627	A	-0.0715
rs75694973	A	0.1278
rs9520047	T	-0.0338
rs1935174	A	0.0151
rs117434733	G	0.0623
rs68132773	C	0.0265
rs117283037	T	0.0358
rs9526495	G	-0.0656
rs1417309	G	0.0324
rs80296482	T	0.0318
rs111336063	C	0.0766
rs654865	T	-0.0192
rs117774118	A	0.054

rs12590654	A	-0.0965
rs10143128	C	0.2091
rs8008388	G	0.0878
rs17125944	C	0.1223
rs71429055	T	0.1806
rs2337406	T	-0.1535
rs12888850	T	0.1853
rs28690092	T	-0.1108
rs10134526	T	0.0859
rs76225752	A	-0.1509
rs8005894	A	0.063
rs1680666	C	-0.0813
rs61983300	G	0.0716
rs144562853	C	-0.1999
rs148127671	T	-0.2648
rs55633859	T	-0.4159
rs4981292	A	0.1009
rs76897734	G	0.1441
rs11624224	G	0.1547
rs10130238	T	0.1172
rs146696765	C	0.3015
rs17184096	T	0.1328
rs111714884	T	-0.0895
rs8019306	C	0.1768
rs1891548	C	0.1161
rs79395676	C	0.2693
rs10483461	T	0.1927
rs4981971	G	-0.0611
rs12323423	C	0.0637
rs56228962	T	0.2258
rs4140798	G	0.0613
rs2242629	T	-0.0592
rs8018896	T	0.0584
rs1271558	C	0.0578
rs1956825	G	0.0566
rs8022236	A	0.0605
rs10498429	A	0.128
rs17718015	G	0.2269
rs12434646	C	0.0533
rs12882226	T	-0.2033
rs76806262	C	0.3631
rs118155582	C	-0.1926
rs10143842	T	0.1751
rs8004500	A	0.0566
rs74905608	T	0.2205
rs45487597	T	-0.3606
rs2014563	T	-0.1092

rs61996704	A	0.0638
rs12431798	C	0.0651
rs10131766	A	-0.0741
rs74545386	T	-0.1329
rs17125186	G	0.068
rs113200633	A	-0.1383
rs8008001	C	0.1305
rs28684512	C	0.1874
rs10483936	A	0.0972
rs79401508	G	0.142
rs72675688	G	0.1481
rs57437663	G	0.0707
rs17123684	C	0.0767
rs58046800	A	-0.0774
rs113417629	A	0.0931
rs117677916	G	-0.2925
rs11849055	A	0.083
rs7143348	C	0.0715
rs112735980	C	-0.2388
rs11623887	T	-0.0536
rs227432	A	0.0552
rs4902175	G	0.0583
rs75264628	A	-0.0859
rs8021616	G	0.0671
rs742887	A	-0.0667
rs17631065	A	-0.0681
rs2693684	C	-0.0909
rs45440200	G	0.1369
rs1680678	A	-0.1026
rs117712652	A	0.2234
rs117865147	A	0.1663
rs145019692	C	-0.2868
rs75414283	A	0.1928
rs62007687	T	-0.0528
rs76910145	G	-0.16
rs57277711	A	0.2546
rs8004851	G	0.0751
rs10145325	G	-0.0511
rs2165300	T	-0.0664
rs117344337	T	0.1843
rs12587158	A	-0.057
rs142593266	A	0.3116
rs35129024	T	0.0634
rs34125578	T	-0.1628
rs111351339	C	0.1011
rs11848092	A	-0.0784
rs1887064	T	0.0721

rs79918194	G	0.3907
rs1325541	T	-0.0527
rs764350	A	0.0493
rs2081379	G	0.2571
rs958016	G	0.2039
rs144125746	C	0.2246
rs58593591	G	0.2432
rs1241920	A	-0.0693
rs4981421	A	-0.0549
rs41301457	A	0.1592
rs72688548	T	0.142
rs1373097	T	-0.1949
rs1959316	G	-0.0504
rs10138116	T	0.1202
rs56229066	G	-0.1692
rs6574292	A	0.0509
rs113006341	G	-0.1992
rs116507506	A	0.2477
rs7142049	T	-0.0548
rs2358078	A	0.0576
rs77814731	G	0.0757
rs117605197	A	0.3006
rs74069450	C	-0.094
rs848096	A	0.0607
rs115010768	T	0.2671
rs8022093	T	0.0895
rs151070677	C	0.2315
rs11159712	G	0.0691
rs117870627	G	-0.2045
rs74777646	A	-0.166
rs34885968	G	-0.0696
rs141624295	A	0.2267
rs4904273	T	0.1495
rs11621966	T	0.3688
rs1091964	G	-0.1334
rs11849204	G	0.1157
rs1769623	A	-0.0564
rs61989578	C	-0.2393
rs78859862	A	-0.2326
rs45490995	C	0.2723
rs12890244	A	0.0581
rs112986795	A	-0.1406
rs11847674	G	-0.0489
rs77102522	T	-0.2697
rs77103147	C	-0.2229
rs35242483	G	-0.2104
rs2236283	A	-0.0938

rs76794199	T	0.092
rs35981389	G	0.062
rs113333430	C	0.2685
rs117773808	A	-0.3948
rs6574166	T	0.0683
rs144483170	A	0.2102
rs146735655	C	-0.1969
rs117576848	T	-0.1546
rs34180624	T	-0.0542
rs1745736	A	0.0511
rs1242093	C	0.0553
rs878578	A	0.071
rs150172846	A	0.3545
rs147284834	C	-0.2977
rs172900	T	0.1171
rs8018930	T	0.0496
rs117948473	T	0.253
rs4551942	T	0.0501
rs75478143	C	-0.3073
rs8007394	T	0.137
rs2615437	T	-0.0862
rs74060944	T	-0.2455
rs17129088	A	0.0912
rs9788451	G	-0.0672
rs75404686	C	0.221
rs148053350	T	-0.1291
rs116988868	G	-0.2124
rs148086608	G	0.2407
rs74801882	C	0.1422
rs10148262	C	-0.049
rs116868913	T	-0.2242
rs12436129	T	0.288
rs117499193	A	0.2572
rs12323816	A	0.0469
rs17116389	G	0.0987
rs4904785	C	0.1425
rs4632065	T	0.0552
rs2104568	C	-0.0485
rs117322871	T	0.1903
rs2891268	G	-0.0477
rs56790127	T	0.2181
rs8020806	C	-0.0798
rs72690887	G	0.0972
rs72671469	G	0.0992
rs9323093	T	0.0587
rs7144473	T	0.0713
rs2020996	G	-0.0484

rs1540269	A	-0.1212
rs715043	T	-0.0539
rs17091776	C	-0.2401
rs1204993	A	-0.0696
rs7146437	A	-0.07
rs72733548	A	-0.0538
rs116861890	T	-0.0905
rs56151002	A	-0.0841
rs146621337	G	0.1651
rs12323869	A	0.1473
rs6575670	A	0.0461
rs8007777	T	0.0533
rs10143848	C	0.0507
rs2681724	A	-0.0507
rs8021311	C	0.0738
rs17796541	T	-0.0744
rs11465523	A	0.2015
rs12897230	C	0.0768
rs6575167	G	-0.1389
rs57001391	C	-0.0714
rs12897333	T	-0.1167
rs76207561	G	0.1489
rs10145269	T	0.1113
rs11848060	C	0.059
rs117194725	T	0.1709
rs10438208	A	0.1941
rs10438211	G	-0.1115
rs1958540	C	0.0672
rs79937668	T	0.1827
rs8020751	C	0.0668
rs8011255	C	-0.084
rs61982600	A	0.0575
rs11848471	C	-0.1149
rs944052	A	0.0664
rs10133972	T	-0.0549
rs117912966	T	0.1607
rs10132872	A	0.0628
rs1345980	A	-0.0476
rs2286836	T	-0.0755
rs73276857	T	0.2005
rs2057115	C	0.0599
rs2792116	T	-0.1017
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rs17105095	G	0.0512
rs72697253	T	-0.113
rs10144265	C	0.0656
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rs2498847	G	0.0453
rs75739129	G	0.1394
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rs74659241	G	-0.2625
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rs10137996	C	-0.0734
rs113768326	C	0.1217
rs8021922	A	-0.0949
rs8021652	T	0.0466
rs55820801	A	0.0448
rs17104036	A	0.0983
rs7144884	A	0.1298
rs67232936	A	-0.0959
rs12890727	T	-0.0714
rs12147431	G	0.0775
rs3759602	C	0.0453
rs1953241	G	-0.0497
rs160459	C	-0.0445
rs8008473	T	-0.0435
rs2273708	C	-0.1081
rs6575237	A	0.0451
rs7142406	C	-0.0525
rs4904040	T	-0.0465
rs61978098	T	-0.1199
rs61995108	A	0.33
rs8015929	G	0.0574
rs12879559	A	-0.0483
rs1075856	G	0.0511
rs149342643	G	-0.162
rs77116452	A	0.0864
rs7149525	A	0.186
rs10135595	T	-0.0441
rs35832722	G	-0.1615
rs61989304	T	-0.1646
rs761502	T	0.1129
rs12890277	C	0.0435
rs8009922	A	0.049
rs7141505	C	0.0542
rs1957356	T	-0.0529
rs11623322	A	-0.0444
rs7144419	A	-0.046
rs75894643	A	0.2955
rs12147669	C	-0.0572
rs36087206	C	0.0614

rs2022568	C	0.0426
rs148364304	A	0.1733
rs4536381	A	0.068
rs113640977	A	-0.067
rs45500097	A	0.0517
rs77945159	A	0.1354
rs60353528	A	-0.06
rs12147802	A	-0.0545
rs117489557	A	-0.1715
rs118044588	G	0.3633
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rs72681611	T	-0.0929
rs12886018	T	0.1778
rs117689996	C	0.2858
rs57311642	G	-0.2665
rs7160968	C	0.1321
rs117705485	C	0.1914
rs142815942	A	0.1845
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rs876746	A	-0.0814
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rs111895429	A	-0.3639
rs78513517	A	0.1607
rs78116598	C	-0.1655
rs80233900	C	-0.1615
rs77069096	G	0.0683
rs79666164	T	-0.0823
rs117497177	T	0.306
rs146846092	T	-0.2772
rs1950630	T	-0.0774
rs75224365	C	0.2346
rs12431453	C	0.0449
rs10459584	A	-0.0486
rs11157020	C	-0.0445
rs35746773	C	0.053
rs117369545	T	0.1669
rs1957901	T	-0.0479
rs17099565	G	-0.0924
rs117588845	C	0.0974
rs10498649	C	0.0588
rs61326103	C	0.0697
rs113868171	G	0.1247
rs72726359	C	0.1484
rs77924489	C	-0.2842

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rs12433317	A	-0.0438
rs112182866	G	0.1698
rs227390	G	0.1853
rs8006233	G	-0.0494
rs72719856	T	0.1825
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rs34795575	C	0.2767
rs7148708	T	-0.0447
rs118005233	T	-0.1707
rs79224743	G	0.0812
rs61985126	G	0.0626
rs12897835	A	-0.0494
rs3811223	T	-0.2417
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rs117138393	G	-0.2244
rs7142319	T	0.0461
rs72677634	A	0.2024
rs79019719	A	0.064
rs10483756	T	0.0531
rs1612367	C	0.0478
rs3126174	C	-0.0634
rs34608773	T	0.0704
rs10147885	T	0.0621
rs10149077	A	-0.0893
rs12588555	C	-0.1214
rs8016748	C	0.0422
rs73354410	C	-0.1608
rs11622416	G	0.0917
rs113258328	C	-0.2126
rs28639694	G	-0.0426
rs1263814	A	-0.0573
rs12435444	T	0.055
rs1882842	A	0.0569
rs28670404	C	-0.1226
rs67963622	C	-0.1148
rs117171514	T	-0.2224
rs55649568	T	-0.156
rs8013551	T	0.1358
rs78001532	C	0.1174
rs74320578	A	-0.2305
rs1256543	A	-0.0554
rs61981382	A	0.124
rs17832891	A	-0.1883
rs8010397	T	0.0431
rs1152775	C	-0.0886

rs78242704	G	0.3983
rs75042637	T	-0.2671
rs12881897	C	-0.0571
rs1885143	G	0.0407
rs76726490	A	0.1957
rs35095833	C	0.165
rs1555405	A	-0.0491
rs8007052	A	-0.0473
rs12885784	A	-0.0438
rs74431728	T	-0.1088
rs1950706	T	-0.0837
rs80140444	G	-0.22
rs117799279	T	-0.2445
rs7154251	C	-0.1961
rs1956173	A	0.0614
rs944051	C	-0.1457
rs61976262	G	-0.2146
rs61978897	C	0.0805
rs854392	C	0.077
rs12433784	G	-0.093
rs80183828	A	-0.0785
rs11845173	C	0.0868
rs10130751	T	-0.0728
rs243183	A	-0.0449
rs62013167	A	-0.1564
rs74939303	T	0.1388
rs12883549	G	0.2097
rs6575425	A	0.0528
rs12050451	C	-0.0588
rs406280	T	0.0408
rs80298513	A	-0.1239
rs148244070	C	0.1558
rs147093827	G	0.2057
rs74244882	A	0.049
rs34227440	C	-0.044
rs7159928	A	-0.0551
rs79732256	T	-0.1952
rs148668237	C	-0.249
rs74883747	T	0.1102
rs142221574	G	-0.1675
rs6574730	A	-0.041
rs61988434	T	0.0683
rs2272549	C	-0.0622
rs72704583	C	-0.1071
rs76322163	A	-0.1161
rs11442653	T	0.0805
rs139346145	C	0.2042

rs12896283	T	-0.0493
rs75811850	A	-0.2889
rs141237669	C	-0.2183
rs10141242	C	0.0558
rs117305390	A	0.1983
rs2278687	C	-0.0491
rs2044748	T	0.0754
rs229745	G	0.0916
rs10149765	A	0.1697
rs17092373	C	0.1776
rs117017082	T	0.2185
rs72721692	A	-0.1422
rs11624174	T	0.1369
rs2236306	C	0.0621
rs28715334	T	0.072
rs118065343	T	0.1871
rs139559704	C	0.1909
rs113053299	A	-0.2129
rs57645873	G	0.0477
rs72681847	C	0.1693
rs117124902	T	0.2035
rs117717278	T	0.2143
rs117930465	T	0.1664
rs75692985	C	-0.2688
rs17545631	A	-0.0525
rs10143231	G	0.0414
rs7140768	C	0.0419
rs17834322	C	-0.0803
rs10131983	C	0.0912
rs17186225	A	-0.0534
rs117050671	A	-0.1874
rs77139355	G	-0.042
rs113320706	G	0.195
rs117372682	G	-0.2099
rs72672750	C	-0.0512
rs112238158	A	0.1185
rs117333883	C	0.141
rs75768235	G	0.1503
rs56365284	G	-0.0799
rs12436107	C	-0.0393
rs12590590	G	-0.0586
rs11625043	G	0.0822
rs10145668	G	0.1403
rs3759589	T	0.0418
rs117386714	T	-0.1856
rs4983517	G	0.0533
rs140758250	G	0.2334

rs78210841	T	-0.1562
rs34180745	C	0.0876
rs12434881	A	0.0413
rs1953374	A	0.1086
rs8018669	C	0.0399
rs74050255	A	-0.1243
rs8021632	T	0.0883
rs55832106	G	0.0406
rs1882705	C	-0.0407
rs117487418	C	0.1461
rs7143013	A	0.0472
rs34647735	T	0.0575
rs79982872	G	-0.1185
rs146090463	A	0.2534
rs114692116	A	0.1168
rs113516773	G	0.1929
rs8017344	C	0.0863
rs79881755	T	0.2002
rs1343740	T	-0.0611
rs17110258	C	0.086
rs807370	T	0.0398
rs1950356	T	-0.0468
rs77114708	C	-0.1366
rs8009107	C	-0.0415
rs117299440	A	0.1778
rs1681598	T	0.1445
rs72682484	T	0.0921
rs8018960	A	-0.0429
rs10144853	A	-0.0461
rs1465163	T	-0.089
rs1959792	T	-0.0728
rs113099720	G	0.0848
rs10139340	G	0.1032
rs11620675	T	-0.0535
rs10131293	A	0.0703
rs61977978	G	-0.0859
rs35170353	T	0.1239
rs2814461	G	0.0731
rs17602628	A	0.0956
rs910337	T	-0.0432
rs144057354	G	0.1406
rs10142582	T	0.0466
rs140585927	A	0.3519
rs848045	C	0.0394
rs142621185	A	-0.2017
rs72660232	C	0.0882
rs1032582	A	-0.1446

rs77803288	T	-0.0925
rs117015396	A	-0.1643
rs17098749	A	0.0855
rs72675245	A	0.1018
rs72718022	G	0.1519
rs10131949	G	0.2236
rs68165911	A	0.0642
rs78641811	C	0.1141
rs1952298	G	-0.0441
rs72705285	G	-0.104
rs4899677	G	0.0395
rs12586353	C	-0.0524
rs72711028	T	0.1071
rs74035013	T	-0.2223
rs2273912	T	-0.0674
rs117843233	C	0.2584
rs8007666	T	-0.1206
rs74203101	T	-0.0914
rs75270249	A	-0.1493
rs35590716	A	0.0794
rs117782839	A	0.1215
rs4898745	T	-0.0405
rs146641307	T	0.2087
rs2540890	A	-0.0748
rs148338661	T	-0.1521
rs146954467	C	-0.1905
rs117680626	C	0.1709
rs77890674	G	0.0925
rs141396681	A	0.0539
rs78610745	T	-0.1555
rs12590249	T	0.121
rs11159497	A	0.0811
rs1191388	C	0.0393
rs34816272	C	0.1856
rs7158883	C	0.0564
rs34327077	T	0.0548
rs146840540	C	0.2096
rs12895249	C	0.0483
rs6571509	C	-0.0393
rs17121933	A	0.0763
rs73332255	G	0.1661
rs12885659	A	-0.056
rs11624995	G	0.0568
rs138586023	T	-0.1731
rs72717766	G	-0.2755
rs61392811	A	-0.1198
rs76725931	T	0.0981

rs117437005	G	0.2561
rs145529026	A	0.2051
rs60478967	C	0.1112
rs7494271	G	-0.0483
rs10148709	T	-0.1425
rs3007062	G	-0.0416
rs141231126	G	-0.1748
rs12896116	T	-0.0611
rs72700841	A	-0.1561
rs118026981	G	0.1595
rs7146158	A	0.0395
rs1676248	G	-0.0417
rs77279035	A	0.1224
rs11158061	C	-0.0515
rs1459705	C	0.1587
rs138322672	G	0.183
rs1243527	T	0.0916
rs78500693	A	0.0811
rs35980666	G	-0.0398
rs2883765	C	-0.0713
rs143326833	G	0.2706
rs77755307	G	0.1881
rs34881026	C	0.105
rs917833	C	0.0552
rs11850670	T	0.1296
rs75209566	T	-0.1121
rs2415864	C	-0.0539
rs76963937	T	0.1888
rs138297907	G	-0.3447
rs12882811	A	0.061
rs139623715	T	0.2618
rs2016851	T	0.0431
rs17127785	G	-0.041
rs1152455	C	0.0374
rs17179393	A	0.1326
rs28676781	A	0.1198
rs7158865	T	0.0814
rs17573767	T	0.0902
rs12883861	G	0.038
rs141878097	C	0.1718
rs61992695	G	-0.177
rs910791	A	0.0376
rs4981485	G	-0.0754
rs114776296	T	0.2335
rs78993547	C	0.112
rs1051718	G	-0.1764
rs3898724	C	0.0487

rs11845169	G	0.0372
rs10132031	C	-0.0388
rs17127496	C	-0.118
rs56042050	G	-0.1171
rs17107154	T	0.0459
rs76540474	G	0.1909
rs142893792	A	0.1622
rs17098279	G	-0.0998
rs75726582	T	0.2222
rs7140616	C	-0.042
rs2318891	G	0.0701
rs147067431	T	0.1634
rs115344106	A	0.0751
rs1256064	G	0.0612
rs761958	C	0.148
rs146063499	C	0.1711
rs28362567	T	0.1002
rs12892750	G	-0.0394
rs2268957	T	0.0706
rs117252551	G	0.1948
rs2369421	T	0.0436
rs1959506	A	0.037
rs79265763	G	-0.1303
rs11624987	T	-0.0855
rs117845304	T	-0.1565
rs1078451	A	0.0512
rs4903393	G	-0.0396
rs10149824	T	-0.0414
rs74723169	A	0.1844
rs117257353	C	0.2727
rs1951188	T	0.0442
rs9323450	G	0.0397
rs149114613	C	0.2001
rs17803546	A	-0.0468
rs72677897	T	0.132
rs4243645	C	0.0375
rs117420080	T	-0.1638
rs17092090	C	-0.0947
rs1953447	T	-0.0564
rs10139051	A	0.0368
rs116971554	G	0.3772
rs433410	T	-0.0385
rs144042329	G	0.2633
rs141982550	A	0.1465
rs4904046	A	-0.0677
rs10142728	A	-0.0681
rs118016739	G	-0.179

rs8016417	C	-0.0374
rs2272587	C	-0.0378
rs8017062	A	0.0388
rs79250780	C	0.1952
rs75319650	G	0.1344
rs11623741	G	-0.0388
rs73373954	G	0.1367
rs2144775	C	-0.0387
rs11850195	T	-0.056
rs2223928	C	-0.0408
rs6572912	T	0.0461
rs17115708	G	0.1285
rs7144506	C	-0.0594
rs138870042	A	0.1478
rs1255989	A	0.0851
rs10483406	A	-0.0449
rs79646961	T	-0.0895
rs1940564	C	0.0422
rs1959775	G	0.0376
rs4438231	C	0.1238
rs17738966	A	-0.0558
rs72709128	T	0.2271
rs1003349	T	-0.0449
rs61377624	T	0.0844
rs10220686	G	-0.037
rs2110116	G	0.042
rs117479451	A	0.1014
rs76603588	T	-0.1393
rs74036429	G	-0.0479
rs384491	A	0.0455
rs2207240	G	0.1504
rs10484208	G	-0.0381
rs1958973	G	0.0819
rs12437015	T	0.0982
rs8010361	C	0.05
rs7154855	C	0.072
rs710263	T	0.0416
rs10137060	G	-0.0384
rs139289250	A	0.2408
rs61979446	A	-0.0432
rs61979278	C	-0.0737
rs117752547	T	0.1977
rs72704942	C	0.0505
rs140824169	T	-0.0684
rs45515394	T	-0.0645
rs113481803	A	-0.2002
rs17123606	G	0.1299

rs7156200	C	0.0436
rs6572957	C	0.0368
rs148483440	C	0.2053
rs7143653	C	0.1
rs1950935	G	-0.0433
rs79373890	C	0.0535
rs11156848	C	-0.0389
rs74602037	A	0.0791
rs4347559	G	0.0468
rs10147390	C	-0.0779
rs78357955	G	-0.1357
rs75085390	A	-0.0462
rs72679968	T	0.2944
rs969915	T	-0.0383
rs117270106	T	0.1227
rs17093887	A	-0.0519
rs112347064	G	-0.21
rs1756662	T	-0.0365
rs113732705	T	0.1235
rs4899650	A	0.0372
rs4075105	A	-0.0469
rs950197	T	-0.0649
rs11159163	A	-0.0434
rs76978901	G	0.1771
rs2098322	G	-0.0371
rs17393547	G	-0.0385
rs72732168	T	-0.1505
rs141031153	T	0.078
rs4899715	T	0.1456
rs1474477	T	-0.0538
rs216516	A	-0.039
rs74080880	C	-0.114
rs3967867	T	-0.0428
rs116975652	T	-0.2112
rs8010253	T	0.0376
rs11159817	T	-0.1192
rs28687910	A	0.0894
rs7146668	T	0.039
rs117865729	C	-0.2071
rs8013774	C	0.066
rs111524268	T	-0.0769
rs7160771	G	-0.0504
rs140664623	T	0.13
rs12050431	A	0.0694
rs4899208	A	0.0583
rs149036651	A	0.1425
rs764162	A	-0.1738

rs12886378	A	0.054
rs17629301	G	0.1324
rs117555425	G	0.0601
rs140086780	A	-0.1638
rs79893570	G	0.2006
rs7149536	T	0.048
rs1177560	C	-0.0445
rs117990343	C	0.1485
rs17102265	A	0.0472
rs74723574	A	0.1466
rs72681278	T	0.114
rs61975652	A	0.0557
rs34357047	T	-0.0967
rs17120641	G	-0.0662
rs139856543	C	0.2366
rs61972449	T	0.1703
rs72713137	C	0.0435
rs1255573	A	0.1602
rs117572496	T	0.1678
rs10454680	T	-0.0631
rs79776860	C	0.1336
rs76587790	C	-0.2274
rs76623500	G	-0.1686
rs79699632	C	0.1951
rs12881866	A	-0.1463
rs56348431	A	0.0701
rs11846874	A	0.0359
rs117626732	G	0.1634
rs35015392	T	0.0864
rs111512048	T	0.2424
rs66479315	C	0.0509
rs8008044	C	0.1333
rs8012997	C	0.0509
rs8021007	T	0.037
rs77953148	T	0.2439
rs60411253	T	-0.0975
rs74863902	T	-0.2095
rs4981693	G	-0.0429
rs78267107	T	0.1675
rs57346352	C	0.0667
rs10148272	C	0.0371
rs55830080	C	0.1136
rs73602471	A	-0.1036
rs17094248	T	-0.0365
rs12431574	A	0.0604
rs72691441	A	-0.0892
rs4899998	C	-0.1038

rs10136077	C	0.18
rs10143236	T	-0.0403
rs12437268	G	0.0943
rs12896618	A	-0.0365
rs10144260	A	0.2007
rs34820107	T	0.2109
rs10138194	G	0.0365
rs854359	T	0.0707
rs7150342	T	0.0744
rs1558857	G	0.0678
rs880536	C	-0.0368
rs17180056	A	0.0951
rs2105230	A	0.0491
rs7144806	A	-0.0479
rs77658190	A	-0.0851
rs77712551	T	-0.0771
rs35986644	T	-0.1848
rs17099960	T	0.197
rs8021689	A	-0.0677
rs78263036	A	0.0974
rs79342207	G	0.1781
rs10132709	C	-0.0823
rs2004448	G	0.0521
rs72728640	T	0.112
rs8021411	A	-0.1325
rs141232522	G	0.1528
rs72684268	G	0.0891
rs17257152	A	0.1013
rs11848165	C	0.0651
rs59099675	C	-0.1633
rs5871	C	-0.0605
rs1621025	T	0.0514
rs8019143	T	0.076
rs61999074	C	-0.0848
rs11628818	T	-0.046
rs10144799	T	0.0659
rs4141719	C	0.0654
rs1255576	T	0.0582
rs974074	T	0.046
rs79632046	G	-0.2327
rs11848583	T	-0.0383
rs1285859	T	-0.1725
rs138239941	C	0.2158
rs78729611	C	-0.1349
rs72696261	T	0.0924
rs7158455	C	0.0726
rs17831700	A	0.0406

rs2224155	G	0.1957
rs4981441	C	0.1477
rs66490913	A	0.0405
rs33993630	T	-0.0727
rs12884206	G	0.045
rs117319215	T	0.1496
rs113401921	T	0.2471
rs4900468	A	0.0665
rs17808556	G	-0.0838
rs1286336	C	-0.0516
rs75582247	T	0.123
rs74040972	T	-0.1524
rs17122349	C	-0.0973
rs804931	A	-0.0348
rs225866	C	0.0432
rs17183863	A	-0.0785
rs78478998	T	-0.1191
rs12894788	A	0.0549
rs17119994	G	0.1628
rs61986156	A	0.2743
rs2877912	G	0.2392
rs1474802	C	0.056
rs6571934	C	-0.0745
rs61609357	T	0.1587
rs7153719	T	0.037
rs117037620	C	-0.1419
rs74600270	T	0.1117
rs74584605	A	-0.1042
rs1116539	G	-0.0886
rs138513295	A	-0.1916
rs2173738	G	0.0522
rs12586943	G	-0.0416
rs79780876	T	-0.2415
rs62008986	C	0.0387
rs60020877	C	-0.1989
rs58853114	A	-0.1125
rs72679614	T	0.0846
rs1187756	A	0.0374
rs10136484	A	-0.0919
rs17097900	G	-0.1143
rs112413680	T	-0.1474
rs6572466	T	-0.0423
rs961096	T	-0.0413
rs74414878	G	0.1633
rs61982301	C	-0.1098
rs144966237	T	0.1097
rs112113919	T	0.165

rs1400745	A	0.0345
rs2110706	T	-0.0461
rs2093	A	-0.0348
rs116087767	C	0.1535
rs10149701	A	0.0805
rs12882001	C	-0.095
rs35851357	A	-0.0793
rs11847075	T	-0.0374
rs12587001	T	-0.0604
rs76360097	C	-0.0779
rs1610403	C	0.0404
rs72701150	G	0.0908
rs4899039	T	-0.0415
rs77088056	A	0.1636
rs17252768	C	0.146
rs4533204	T	0.078
rs1999610	A	0.0373
rs142094978	T	0.1603
rs113662029	A	0.252
rs77608579	T	-0.1558
rs7142035	T	-0.0348
rs78685527	A	0.154
rs78793419	T	-0.1176
rs8019370	T	0.0632
rs61978001	C	0.214
rs117263763	C	0.1827
rs79605683	C	0.0924
rs165932	G	-0.0346
rs1684714	G	-0.0392
rs60503057	A	0.2326
rs12147219	G	0.0782
rs2807769	C	0.0419
rs78158348	G	-0.196
rs12100588	G	-0.1255
rs10132693	C	-0.0479
rs9743516	T	-0.1606
rs72700762	T	0.0579
rs1169030	G	-0.0777
rs117299001	G	-0.1929
rs755102	C	-0.0357
rs35458303	G	0.0475
rs116990057	A	0.1625
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rs34754649	G	-0.0535
rs10143614	G	0.0362
rs34725674	C	0.1053
rs34141355	C	0.0365

rs57790930	T	0.0813
rs4354858	T	-0.0482
rs138153914	C	0.1822
rs8006506	A	0.0964
rs7156382	A	-0.0409
rs142789623	C	-0.1313
rs76234538	A	0.0929
rs73255188	A	-0.064
rs59304179	C	-0.1316
rs12323421	C	0.0466
rs1886083	A	0.0811
rs77113171	C	-0.1164
rs11160420	A	0.0389
rs62014288	A	0.142
rs10142208	A	0.0601
rs12437218	A	-0.1524
rs7141653	C	0.0353
rs2034990	T	0.0358
rs4901450	A	-0.0512
rs10148448	A	-0.0404
rs7160262	T	0.0753
rs12886872	T	0.0364
rs67212507	C	0.0465
rs7154755	G	0.113
rs12436798	A	-0.0338
rs11847413	A	0.0395
rs77970950	G	0.082
rs10151543	G	0.0597
rs145656052	A	-0.0705
rs113944592	A	-0.122
rs74781805	A	0.0918
rs61992426	G	-0.2214
rs117159624	T	-0.0935
rs138908369	T	-0.2325
rs74530399	T	-0.2374
rs2160672	C	0.1057
rs10139630	T	-0.0652
rs11160676	T	-0.1025
rs11623707	G	0.1674
rs12434011	T	0.0753
rs55994456	T	0.1527
rs1253703	G	0.0665
rs7152438	G	-0.059
rs141575963	G	0.22
rs62002023	G	-0.0481
rs74528497	T	0.1015
rs2346674	A	-0.0524

rs7140841	C	-0.0364
rs41317306	G	-0.1698
rs2208597	C	-0.0354
rs142950934	A	0.1551
rs17406989	A	0.057
rs11568429	G	0.0448
rs1681586	A	0.0395
rs4083451	G	0.1386
rs2273150	C	-0.0383
rs140523706	T	-0.1117
rs10141724	A	0.0465
rs36035154	G	-0.0481
rs10498571	A	0.0608
rs2037935	G	-0.0365
rs75448526	A	-0.0399
rs12590050	C	0.0864
rs10136242	A	0.0475
rs72715548	A	0.068
rs11158669	A	-0.0428
rs13343241	A	0.0831
rs1953866	A	-0.0431
rs113352735	G	0.2298
rs4548794	C	0.0421
rs112048970	T	-0.1863
rs2037934	G	0.0371
rs79191782	C	0.0933
rs946056	G	-0.0389
rs56262081	A	0.1249
rs10483826	G	-0.04
rs7151227	T	0.0739
rs8020899	G	-0.0531
rs11851893	T	-0.1221
rs2154050	G	-0.0642
rs10132370	G	-0.042
rs12895382	T	0.0395
rs7149267	A	0.0337
rs11621426	T	0.0381
rs2163092	C	0.0703
rs72726173	C	-0.0862
rs10132203	A	-0.1982
rs118094108	G	-0.094
rs2268952	T	0.0714
rs56059563	T	0.0655
rs77527535	A	-0.1454
rs140672131	A	-0.1426
rs8019368	C	-0.0348
rs4902208	T	0.0374

rs34071769	A	-0.0426
rs2319195	A	0.0375
rs79625981	C	0.0852
rs73243542	A	0.2331
rs11159058	G	0.1105
rs78781429	A	0.2602
rs2761880	T	-0.1755
rs80283857	C	-0.1303
rs7140760	T	0.0394
rs74532124	T	-0.1868
rs1269049	C	0.1273
rs9805972	T	-0.0336
rs150437439	T	-0.1294
rs146753714	T	0.2417
rs74898596	C	-0.0862
rs75661976	G	-0.2104
rs7152065	C	0.0659
rs141485772	G	0.141
rs28441090	G	-0.0443
rs11625252	T	-0.1776
rs11628169	A	0.0778
rs117122267	A	0.1454
rs8004630	A	-0.1112
rs77473578	T	0.0886
rs61990430	G	-0.0839
rs8018830	A	-0.0378
rs117809120	A	-0.1605
rs12894050	T	-0.0414
rs55834485	A	0.0534
rs77854560	T	0.1118
rs1120177	A	0.0416
rs3790036	G	-0.0456
rs74076254	G	-0.062
rs17097036	C	0.2331
rs7156293	A	-0.0552
rs10142676	T	0.1525
rs80138696	G	0.2197
rs117465819	G	0.2222
rs60172509	T	-0.0829
rs61985440	A	0.1547
rs862037	A	0.0344
rs78416284	G	0.1184
rs35903938	A	-0.2179
rs67388738	A	0.0566
rs72693430	A	0.0622
rs11627515	T	0.07
rs145590735	T	-0.1517

rs20546	A	-0.123
rs34347761	C	-0.1441
rs12891882	C	-0.0447
rs1243705	A	-0.0462
rs28396120	G	-0.0337
rs8003392	A	0.0365
rs175901	G	0.0618
rs730105	T	-0.0511
rs4573868	C	0.035
rs1431068	C	-0.0588
rs17782112	C	0.068
rs17764262	T	0.0984
rs17752900	T	0.0353
rs719484	C	-0.0405
rs72721031	T	-0.0871
rs4901254	T	-0.0356
rs145050072	A	-0.2438
rs112503576	T	-0.1062
rs1749704	G	-0.0351
rs79535587	G	-0.1581
rs11159863	A	-0.0452
rs75653764	A	0.0626
rs113833947	G	-0.1458
rs7153309	G	-0.0448
rs117019393	A	0.0806
rs75211954	T	-0.1441
rs78649252	G	0.259
rs1475407	G	0.0349
rs75871122	A	-0.0768
rs17689842	T	0.0376
rs61980119	A	0.0507
rs79600572	C	0.0704
rs11626934	A	-0.1529
rs142053629	A	-0.0394
rs61980985	C	0.1833
rs116898829	A	-0.0565
rs2333424	C	0.0453
rs76343458	G	-0.0606
rs1253639	A	-0.034
rs79515329	T	0.1199
rs117577222	T	0.1671
rs117955567	C	-0.1341
rs10137285	T	0.0397
rs2225995	C	0.0598
rs35861667	T	-0.0642
rs1958228	T	-0.0332
rs4467008	C	-0.0364

rs1295830	A	0.0419
rs76357200	C	-0.1634
rs12589868	C	-0.1824
rs17199955	A	-0.0539
rs7147892	T	-0.037
rs17097164	C	0.0794
rs78013287	A	-0.077
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rs60604490	C	0.0335
rs7142272	T	-0.0378
rs142893681	A	0.1872
rs763932	A	-0.0528
rs12884729	T	-0.1411
rs116881452	A	0.1392
rs61977331	C	0.1154
rs17106513	A	0.0595
rs117632803	A	0.1527
rs2003181	C	0.0384
rs7141541	A	-0.0449
rs11157507	A	-0.0702
rs17121458	C	0.0544
rs61994504	A	0.0664
rs7147797	C	0.0438
rs111719845	G	0.1885
rs8019051	A	0.0335
rs150543773	A	0.0846
rs140902507	A	0.2402
rs67357132	A	0.1088
rs1952588	C	-0.0346
rs138646818	A	0.1237
rs8023190	G	-0.0394
rs1388773	A	0.0468
rs117177426	A	0.1285
rs210374	A	-0.037
rs77295487	G	0.0419
rs10146480	T	0.0626
rs1431062	A	-0.0362
rs80258513	A	0.1686
rs2750134	T	0.065
rs148286811	T	0.1362
rs10136659	A	0.1473
rs61982985	T	0.0837
rs9323328	A	0.0356
rs17104310	G	0.1456
rs848051	C	-0.0372
rs11847956	G	0.1205
rs11624985	G	0.0373

rs56120861	G	0.0914
rs8022888	T	0.0346
rs3742908	A	0.1081
rs57696657	A	-0.0505
rs61993496	C	0.0453
rs3825581	A	0.0403
rs12435993	C	-0.0387
rs117718160	G	0.2109
rs145338067	A	0.2728
rs7147114	G	0.0414
rs10150444	G	0.0555
rs2236264	T	0.0464
rs221454	C	0.0348
rs7161487	C	-0.0677
rs227023	A	0.0412
rs17191170	T	0.0937
rs117451817	T	-0.2129
rs7141524	C	-0.0654
rs146977412	G	-0.1744
rs9658649	C	-0.1463
rs113984040	A	-0.1567
rs72705333	T	-0.1355
rs10133256	T	-0.1734
rs731347	C	0.0405
rs17506736	A	0.0985
rs77878673	T	0.1513
rs12431854	T	0.08
rs1257633	C	-0.0486
rs117195243	C	-0.1183
rs141799227	G	0.2016
rs143674013	A	-0.1723
rs149664711	G	-0.1178
rs117658249	C	0.132
rs144938064	A	0.2611
rs7147908	C	0.0756
rs7142427	T	-0.1006
rs762097	T	-0.0484
rs1241515	G	-0.0348
rs72697919	G	-0.2704
rs10151019	A	-0.0413
rs8013988	T	0.0791
rs75369632	T	-0.1551
rs1953849	C	-0.0334
rs1285767	G	-0.0334
rs6575209	C	0.0409
rs78489930	A	0.0937
rs117015812	C	-0.185

rs117529030	C	0.1351
rs1570211	T	0.0519
rs17199254	A	-0.0376
rs71418153	G	-0.1079
rs8003240	A	0.0338
rs77026144	T	-0.1554
rs77055620	C	0.1139
rs118083914	T	-0.1591
rs75494875	T	0.1314
rs78624908	A	0.1306
rs176917	T	0.0682
rs1971458	G	-0.0331
rs113357461	C	0.133
rs8004702	G	0.0361
rs55813952	G	-0.0952
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rs144798687	G	-0.1343
rs117532269	A	-0.2747
rs6571411	G	-0.0405
rs17794137	A	0.0913
rs4904211	A	-0.0916
rs76173749	C	-0.1007
rs58555510	G	0.0407
rs58798938	T	-0.0888
rs175463	A	0.0569
rs144764607	C	0.1877
rs12432244	G	0.0326
rs10145258	G	0.0332
rs17120578	G	-0.0369
rs113334731	G	0.1055
rs60077759	C	0.1986
rs34105469	T	-0.0337
rs117638016	A	0.151
rs113102005	C	0.0588
rs2293840	C	0.033
rs12435152	T	0.0537
rs139547934	A	0.1883
rs72683018	A	0.1018
rs112081231	C	-0.0536
rs8022175	T	0.041
rs116869892	T	-0.1546
rs34350221	T	0.1366
rs2301121	C	0.0549
rs8018637	C	-0.0333
rs7155561	G	-0.0478
rs886599	T	-0.0429
rs8015791	T	0.1426

rs76037811	A	0.0668
rs8009939	A	-0.0953
rs10149044	G	0.0618
rs1695779	C	0.0882
rs17631957	G	0.0327
rs151285672	A	0.1055
rs7144481	C	0.0522
rs12880675	T	0.0522
rs8012740	G	0.0515
rs67490748	C	0.2142
rs28624282	C	-0.1863
rs12889176	A	-0.0424
rs146379019	A	-0.1287
rs12882330	A	-0.0549
rs76741123	G	0.0807
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rs74077062	T	-0.0583
rs7158860	A	0.1316
rs12894204	A	0.0415
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rs7160521	G	-0.0322
rs112422934	C	-0.0589
rs10134540	G	0.0351
rs75556859	A	0.1205
rs734028	T	-0.036
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rs75073548	A	-0.0926
rs77075600	T	-0.0732
rs28622485	T	0.0954
rs150306765	G	-0.1418
rs143288249	C	0.0346
rs138365003	G	0.1484
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rs72691112	T	-0.086
rs17125031	G	0.0375
rs2297615	T	0.0387
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rs142300615	A	0.2033
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rs140821580	T	0.2415
rs7152636	T	-0.0376
rs2924099	T	0.0324
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rs3811328	G	0.0486
rs17616128	T	-0.0384
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rs2360991	A	0.0325
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rs74064865	G	0.0809
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rs61990167	T	0.0568
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rs8011778	A	-0.0349
rs117471247	C	-0.1581
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rs10162349	T	0.0427
rs73325411	T	0.0819
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rs17827374	A	0.0771
rs4017390	A	-0.0398
rs72669120	G	-0.1153
rs12435939	T	-0.1128
rs12433821	C	0.0407
rs7150671	G	0.0337
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rs1417597	C	-0.0421
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rs10483974	C	0.0807
rs61991871	T	-0.1421
rs2360993	C	0.0863
rs77682543	C	0.2293
rs12435167	A	0.0341
rs79994987	A	-0.0685
rs56123497	T	-0.1125
rs143541414	G	0.1076
rs11628055	C	-0.0322
rs12880138	C	-0.0457
rs10138657	T	-0.1219
rs11628408	A	0.0569
rs17114828	A	-0.1662
rs79963551	A	0.1296
rs740535	T	0.0317
rs11626891	C	0.0489
rs78806431	A	-0.1358
rs11847164	G	0.0457

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rs12323826	T	-0.0443
rs4243751	G	-0.0315
rs118168613	T	-0.0797
rs7151768	T	-0.0362
rs10140031	C	0.0498
rs139976674	G	0.2109
rs117984360	G	0.2827
rs1254607	G	-0.0463
rs1034536	T	-0.0324
rs112741344	T	0.1438
rs72673483	T	0.1602
rs118093967	G	0.1752
rs145077815	C	0.1426
rs2402214	C	0.0324
rs150360688	T	-0.1544
rs17100890	C	0.0989
rs140002525	G	-0.1797
rs6575022	A	-0.0313
rs72704754	A	0.1172
rs117209651	A	-0.0935
rs1997908	A	0.0955
rs76121036	C	-0.0959
rs11557208	A	-0.0439
rs7401907	T	0.0329
rs112292330	T	-0.1
rs75525918	T	-0.2808
rs73249760	G	-0.1088
rs8006330	T	0.059
rs139703300	T	0.1312
rs12435887	G	0.1666
rs76520063	C	-0.0446
rs72690224	T	0.1318
rs12881908	G	0.0402
rs3784024	G	0.0394
rs12433973	A	0.0487
rs7160685	T	-0.0343
rs77097775	G	0.0604
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rs55653788	G	0.0431
rs147786644	C	-0.1277
rs118187055	C	-0.1818
rs7143114	G	-0.1652
rs139705157	T	-0.1741
rs12886788	C	-0.0695
rs4900246	A	-0.0335

rs7159678	G	0.0333
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rs113625614	T	0.064
rs41310338	T	-0.121
rs72671448	C	0.0353
rs17470464	A	0.1032
rs7146814	G	0.0723
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rs140761376	T	0.1249
rs7149030	G	0.0329
rs17099187	C	0.162
rs77264593	T	-0.1596
rs78792840	C	-0.085
rs78032294	C	0.0704
rs116908832	C	-0.1141
rs59664106	G	0.1809
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rs8005092	T	0.1169
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rs1760963	C	-0.0353
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rs12893371	C	0.1564
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rs7146677	A	0.0337
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rs2984274	T	-0.0479
rs73346213	T	-0.0729
rs72721364	T	-0.0976
rs76419297	T	0.2642
rs73359455	T	-0.2497
rs74943140	T	0.0647
rs12050438	C	0.1147
rs4900878	C	-0.0515
rs8007741	G	0.0457

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rs11629297	C	0.0354
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rs57355770	G	0.0655
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rs72686055	G	0.1555
rs140932840	A	0.1656
rs12882295	C	-0.0949
rs10151763	A	-0.0626
rs147785228	C	-0.1263
rs12437072	C	-0.0433
rs61982586	A	0.0679
rs140220994	T	-0.223
rs4904445	G	0.0561
rs74470600	A	-0.0738
rs72699271	T	0.1685
rs61997568	T	0.1603
rs8007549	G	-0.0317
rs4904346	C	0.0627
rs57221296	T	0.0673
rs74244226	C	0.0869
rs11160318	A	0.0338
rs74421261	G	0.1253
rs57748792	T	-0.057
rs17669975	T	0.0497
rs4561383	C	-0.0441
rs72691254	A	0.0662
rs2180873	A	0.0419
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rs72683131	A	-0.0478
rs11626637	G	-0.059
rs3742871	C	0.0324
rs10129913	C	-0.0407
rs76037108	C	-0.1635
rs117744837	A	-0.1561
rs117665377	A	0.1347
rs112143751	A	-0.0498
rs4901203	A	-0.0307
rs76395392	A	-0.1051
rs2983417	C	-0.2059
rs12586141	C	0.1708
rs73249797	C	-0.0518
rs117270202	T	0.1142
rs2025211	G	0.0318

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rs10133794	T	0.0352
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rs71416610	A	0.0752
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rs62006275	A	-0.1
rs78168817	A	0.1235
rs12437374	A	-0.0466
rs1257312	C	0.0974
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rs34961543	G	0.2163
rs146514269	T	0.1581
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rs2041962	A	0.0546
rs12879991	A	-0.0421
rs73366135	A	0.2198
rs11158772	G	-0.0475
rs2180538	C	0.0324
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rs117120518	T	0.219
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rs1951995	A	0.1708
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rs62003684	C	0.2132
rs117996739	T	0.1461
rs116881997	G	0.1127
rs4904359	G	0.0779
rs61972186	A	-0.0463
rs11621827	C	0.0313
rs34771877	G	-0.0449
rs72672915	T	0.1172
rs73308635	C	0.0616
rs28451453	C	0.0888
rs8015447	C	-0.0614
rs7146547	A	0.0436
rs116919181	A	0.0558

rs151140022	T	-0.1218
rs145531531	G	0.1881
rs11849435	T	-0.0971
rs11847974	T	-0.0455
rs79115721	C	-0.1602
rs78756042	G	0.0372
rs35916062	A	-0.0477
rs12884033	C	0.1105
rs10135885	A	0.2059
rs2293727	T	-0.057
rs10142105	C	-0.0584
rs2183541	T	0.0507
rs77271827	A	-0.0971
rs17113455	C	0.0561
rs6573638	C	-0.0423
rs17104402	A	-0.0384
rs11624439	T	0.0388
rs150066180	G	0.1577
rs75357641	G	0.0515
rs2146971	T	-0.0509
rs2239646	G	0.166
rs77662582	T	-0.0668
rs72675899	A	0.1072
rs76181108	T	0.1925
rs145974583	T	-0.382
rs175711	A	0.0594
rs61974191	A	-0.0438
rs72733609	A	0.0572
rs61990399	A	-0.1436
rs9323444	C	0.0325
rs11160802	T	0.0361
rs10143963	C	0.0503
rs2273518	A	-0.0471
rs35259162	T	0.0491
rs10137053	A	0.0453
rs172842	C	-0.0327
rs28497363	T	0.0383
rs12893435	A	0.0306
rs56310039	T	0.0431
rs117492232	C	-0.1364
rs7157198	G	0.0332
rs8016185	T	-0.0592
rs117902696	A	0.1538
rs117488971	T	-0.1247
rs143798584	C	-0.1683
rs1983521	A	-0.0313
rs61976269	A	-0.0331

rs12897647	G	0.0306
rs72686066	C	0.0399
rs61986073	C	0.0412
rs877506	T	-0.0354
rs17648281	C	-0.1085
rs2748145	T	-0.0653
rs35382723	A	0.0347
rs11160789	T	-0.0331
rs61991659	T	-0.0348
rs84044	T	0.0343
rs61994896	G	-0.0331
rs2661819	A	0.0811
rs61995005	G	0.0716
rs72631605	T	0.1601
rs10132476	T	-0.0341
rs117741019	A	0.2088
rs7152408	A	0.0937
rs79300185	T	0.1041
rs62006392	T	0.086
rs12891677	T	0.0604
rs72694245	A	0.1398
rs2361291	T	-0.0568
rs58057794	T	-0.1285
rs1956248	C	-0.067
rs12589003	T	0.0491
rs2031981	C	-0.0539
rs17111920	T	-0.1647
rs34496850	C	0.0332
rs143465542	G	0.2238
rs7155748	A	-0.0315
rs72689680	T	0.1271
rs4429212	C	0.0426
rs1241478	G	-0.0595
rs73291246	T	-0.0467
rs61972496	A	0.1433
rs1367332	C	0.0781
rs2810082	A	-0.0311
rs145605437	T	0.1112
rs11628019	G	-0.0354
rs72642544	G	0.1258
rs72684513	G	0.0798
rs116979344	T	-0.1271
rs12895078	C	0.0512
rs45526332	G	0.0562
rs56147515	T	0.0824
rs147502410	C	0.1408
rs12050289	A	-0.0304

rs970786	G	0.1231
rs1384962	A	0.0353
rs58530041	T	-0.1024
rs11850043	C	0.0335
rs10152049	A	0.0312
rs117207226	T	-0.0952
rs1909837	A	-0.0397
rs12887490	G	-0.0354
rs35178030	C	0.2166
rs10132346	C	-0.0525
rs11157231	T	0.033
rs138168089	A	0.1768
rs1242521	T	0.1732
rs79569869	T	-0.103
rs10151253	T	0.0372
rs143093439	T	0.1554
rs7150901	G	-0.0309
rs77729710	A	-0.0501
rs17126241	G	-0.1569
rs55809234	C	0.2
rs12587724	T	0.0519
rs1953842	A	-0.1217
rs17182203	A	0.2929
rs10149043	A	-0.1341
rs80221756	A	-0.1728
rs847269	G	-0.031
rs79007202	C	0.0806
rs11850442	G	0.0988
rs1241480	G	-0.0312
rs78677915	T	0.0785
rs10142114	C	0.0302
rs77994094	A	-0.1244
rs28704699	A	0.1903
rs17414154	A	0.0808
rs79695431	A	-0.0709
rs11849893	C	-0.0428
rs61978360	G	0.1058
rs7142978	A	0.0393
rs72690656	G	-0.1111
rs8022032	G	0.0309
rs10483838	T	0.072
rs167481	T	0.035
rs77749885	A	0.129
rs10146616	C	-0.0375
rs72682354	A	-0.0803
rs1763208	A	0.1452
rs17588658	G	0.136

rs79991257	C	-0.0678
rs78101451	T	0.1579
rs117199168	A	0.1305
rs9672117	G	0.0671
rs958729	T	-0.0592
rs118077997	G	-0.1705
rs4636825	C	-0.0619
rs72710229	A	-0.0445
rs17115506	A	0.093
rs114303120	T	-0.2269
rs7144772	A	-0.0883
rs61990159	G	-0.0592
rs28532502	C	-0.1415
rs4905757	C	0.0785
rs12590429	A	0.0614
rs4905100	C	-0.0402
rs58340417	C	-0.0657
rs7151158	A	0.1377
rs12890590	G	-0.0456
rs79071435	A	-0.0817
rs10147996	T	0.0661
rs140798814	A	0.276
rs8013675	C	0.1063
rs1383	A	0.0444
rs117181578	A	-0.1852
rs4981360	T	-0.0344
rs11845867	C	0.0378
rs118166848	A	0.0748
rs8013657	T	0.0365
rs2064970	C	0.0754
rs148925835	G	-0.1471
rs10483655	C	0.0838
rs61990097	T	-0.046
rs11621243	A	0.0385
rs111547342	A	0.185
rs11625406	C	0.031
rs12880768	T	0.0854
rs34311671	T	0.0342
rs1956512	C	0.0334
rs3751485	T	0.0445
rs11626428	T	-0.0408
rs72672913	C	-0.1109
rs113328011	T	-0.0976
rs10139964	T	0.0308
rs2064546	T	-0.0321
rs117543225	T	-0.0841
rs112784149	T	0.0361

rs7143634	A	-0.0328
rs8011317	A	0.0824
rs7160701	T	-0.206
rs10144612	C	-0.0401
rs112081699	G	0.1392
rs74348362	C	0.053
rs17096088	G	-0.0425
rs12879393	C	0.0341
rs142271229	T	0.1857
rs141883238	C	0.2199
rs11626103	C	0.1495
rs144460688	T	0.1546
rs17098106	C	0.0369
rs61980629	A	0.0511
rs8022107	A	-0.1252
rs17103321	C	-0.0304
rs2295846	T	-0.031
rs993859	A	-0.0488
rs117167308	C	0.1699
rs79388145	T	0.0748
rs116893912	G	-0.17
rs954784	C	-0.0552
rs12878333	A	0.0309
rs2205166	G	-0.0694
rs12431519	G	0.0315
rs1950486	A	-0.0333
rs4905470	A	0.0391
rs6574837	T	0.059
rs72692994	T	-0.0725
rs113087747	G	0.1415
rs76584614	G	-0.1431
rs117085744	G	-0.1157
rs144634898	A	-0.2003
rs10138807	T	-0.0412
rs115653832	C	0.062
rs9707717	T	0.1597
rs7148369	A	0.0364
rs76015340	G	-0.0686
rs75567303	A	0.0486
rs56213532	G	0.1507
rs1289358	A	0.0401
rs117713809	G	-0.2278
rs210360	T	-0.0363
rs10444692	A	0.0607
rs10139908	A	-0.0698
rs12884994	A	-0.0613
rs11627996	G	0.0481

rs117573898	G	-0.1129
rs45618241	A	-0.0958
rs117788434	C	-0.0856
rs77087798	T	-0.1248
rs2152365	G	0.0761
rs7161730	G	0.0303
rs74958972	G	-0.1592
rs77748318	C	0.1666
rs72693589	T	-0.0528
rs28459312	A	-0.0316
rs77149800	T	0.1327
rs140754386	G	0.1187
rs17100339	T	0.0475
rs1431031	C	0.033
rs4900314	C	-0.036
rs36113832	A	-0.046
rs11850224	C	-0.0371
rs7342527	C	0.1454
rs1595833	C	-0.0871
rs35810200	C	0.2289
rs76629348	T	0.0944
rs34477135	C	0.032
rs198245	A	-0.176
rs10136400	A	0.0452
rs146223688	C	0.1423
rs1261795	G	0.0311
rs61977008	C	0.0623
rs8022428	G	0.038
rs142392609	C	0.0894
rs149009705	A	0.1381
rs10148739	T	-0.0332
rs10498329	G	0.0311
rs4900509	C	-0.0403
rs117566760	A	-0.1248
rs113266364	C	0.0558
rs2748824	A	-0.0342
rs117752773	G	0.1882
rs117256203	T	-0.0733
rs2816738	T	-0.0483
rs11848645	T	0.0359
rs61977293	C	-0.0552
rs942320	G	0.0389
rs11627491	A	-0.032
rs4575459	G	-0.1705
rs143612890	T	-0.1499
rs17882191	G	0.0678
rs72692982	T	0.1178

rs118091477	A	0.1345
rs12434366	T	0.0578
rs8023171	A	0.1127
rs78360801	A	-0.0381
rs10135692	T	-0.0293
rs8006935	G	0.0318
rs61978009	T	-0.1397
rs78836131	G	0.1232
rs2145862	C	0.0452
rs1956829	C	0.0627
rs35074688	C	0.1108
rs138248895	T	0.1613
rs77454678	G	-0.1017
rs1760904	G	0.0283
rs78340779	T	-0.1843
rs4254219	G	0.0318
rs2145444	G	0.1085
rs117099974	A	-0.1372
rs61667993	A	0.1309
rs61994004	G	-0.0516
rs1036571	A	0.0303
rs61996499	A	0.069
rs79181155	C	-0.1312
rs77952538	T	0.1656
rs112092988	A	-0.0998
rs117090450	A	-0.1449
rs34966037	T	-0.0443
rs7148630	C	-0.0444
rs194756	T	-0.0296
rs72698886	A	0.1683
rs78163570	T	0.1061
rs1627411	T	0.0379
rs117929893	G	-0.1738
rs76630934	A	0.0733
rs4906222	A	-0.0311
rs17174862	C	-0.0482
rs8021854	C	-0.0604
rs12434558	T	-0.0488
rs17127374	C	-0.0479
rs111800240	A	-0.0815
rs61977107	G	0.0355
rs77650075	G	0.1012
rs116991309	A	-0.1438
rs1964857	T	0.0284
rs17107342	A	-0.0974
rs17716481	C	0.0407
rs145231492	A	0.0976

rs1257330	G	0.0701
rs8022719	C	0.0342
rs1678008	C	0.0376
rs146773690	G	0.1223
rs8005999	A	-0.0532
rs55950945	C	-0.0472
rs141136505	T	0.0856
rs35409141	C	0.0565
rs1953186	C	0.036
rs1868637	A	0.1892
rs35170217	T	0.1364
rs6574361	A	0.0459
rs1950841	T	0.1272
rs17102132	C	0.0528
rs76462613	C	-0.0878
rs142343755	A	0.1468
rs114048764	T	0.1513
rs12433602	G	0.0385
rs72697379	T	0.1911
rs77456457	C	-0.0524
rs17120423	A	-0.0427
rs117031746	A	0.2131
rs79532939	A	0.0588
rs11621571	T	0.037
rs2771342	T	-0.0313
rs1241513	G	0.072
rs144760654	A	0.1018
rs61691504	A	-0.1082
rs7161013	A	-0.0463
rs144909852	G	0.1835
rs76268340	C	0.1665
rs139807724	G	-0.1525
rs75037357	A	0.143
rs11850769	G	0.0639
rs35605107	G	0.1788
rs146790294	T	0.1522
rs1958324	A	-0.0335
rs4898725	T	0.0423
rs7152826	C	-0.0295
rs12885224	T	0.0304
rs11621014	T	0.0302
rs6572567	G	-0.0292
rs8018677	T	0.0351
rs55820001	C	0.0486
rs76590693	A	0.2528
rs10139554	T	-0.0776
rs2415541	G	0.0598

rs8022750	G	-0.0338
rs79904930	A	-0.0887
rs2731148	G	-0.0609
rs1638721	T	0.0302
rs2146937	A	-0.0344
rs62010476	C	0.1779
rs1951438	A	-0.0998
rs71416889	G	0.0527
rs7154028	A	-0.0305
rs11851081	G	-0.0307
rs175990	C	0.0331
rs117710628	G	0.1165
rs11625593	C	-0.0604
rs1950552	C	-0.0436
rs17277368	T	0.0648
rs79824592	G	0.0572
rs11626387	A	0.0505
rs12587451	T	0.0531
rs17105005	A	0.092
rs114714793	T	-0.1196
rs112349863	T	0.2171
rs12434015	C	0.0315
rs117670334	C	0.0427
rs17093935	C	-0.04
rs62009399	A	0.0447
rs145041172	T	-0.1023
rs28576468	A	-0.043
rs72716138	T	0.0801
rs146223832	C	-0.0805
rs17635457	A	0.11
rs4470055	A	0.0319
rs77066467	T	0.104
rs117655474	G	0.2256
rs885820	A	0.0505
rs61976815	G	0.0705
rs77374154	C	0.1344
rs57461655	T	0.0935
rs5013569	T	-0.0438
rs6573057	C	-0.034
rs59049472	G	0.0563
rs1285823	T	0.0962
rs1958653	G	0.144
rs10133874	T	0.0297
rs145069165	A	-0.0634
rs112943476	C	-0.1017
rs1980616	T	0.036
rs11629444	G	0.037

rs1468373	C	-0.0305
rs142051919	C	-0.2042
rs118182381	T	-0.1094
rs77011728	C	-0.089
rs12589157	C	0.0576
rs1252027	C	-0.0323
rs78368295	A	-0.0961
rs17112996	T	0.0431
rs117538365	C	0.1538
rs7140212	T	-0.0441
rs72678155	T	-0.1134
rs117963169	G	0.0835
rs6573859	A	0.0409
rs116994678	C	-0.0906
rs139554006	A	0.2283
rs117710463	T	-0.098
rs1889773	G	0.032
rs4144657	A	-0.0579
rs7151236	G	-0.0856
rs8018703	G	-0.038
rs45492302	C	0.037
rs17776763	A	0.1354
rs116890935	T	0.1987
rs45505795	C	0.1139
rs76049048	C	0.206
rs1253686	C	-0.099
rs117419440	C	-0.1086
rs79872163	T	-0.1195
rs141865481	T	0.1115
rs225857	G	-0.0458
rs8012914	A	-0.0313
rs12891860	G	-0.0373
rs117058979	T	-0.1638
rs17127685	C	-0.0789
rs7151298	C	0.0788
rs151193149	T	0.1828
rs10400692	G	0.0385
rs848035	A	-0.0654
rs17101150	C	-0.0686
rs79984824	C	0.0774
rs8021363	A	0.0337
rs75611587	G	0.1243
rs117693660	T	0.251
rs74348032	G	-0.0799
rs148144195	A	0.1196
rs10047925	T	0.0526
rs61980677	T	0.0584

rs142486673	T	0.0745
rs10483647	G	-0.0361
rs1956816	T	-0.0301
rs147297419	G	-0.1637
rs2416181	A	0.0359
rs77989307	A	-0.0927
rs726768	G	-0.0767
rs148013479	C	0.2595
rs10137810	G	0.0365
rs1187601	T	-0.0467
rs6575292	C	0.0309
rs12431482	A	0.0575
rs10136349	T	-0.0302
rs61984906	T	-0.0576
rs80319562	G	-0.0663
rs2236132	C	-0.0717
rs76826315	A	0.1178
rs57715422	A	-0.1412
rs111239689	A	-0.0283
rs74635668	G	-0.1421
rs1860138	T	0.0281
rs7359067	C	-0.0335
rs1697293	C	-0.0676
rs79217997	A	0.084
rs112391531	A	0.0591
rs9783666	T	0.0571
rs12435853	C	0.0322
rs76954286	T	0.134
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rs140535582	T	0.1611
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rs4905673	C	0.0387
rs1515411	T	-0.1457
rs17100559	C	-0.1679
rs10483967	G	-0.0404
rs79374586	T	0.1045
rs61997476	G	-0.048
rs1263438	A	0.0908
rs72702260	T	-0.136
rs72689995	G	-0.0936
rs75474405	A	0.052
rs17129121	T	0.0428
rs66482382	C	0.0518
rs12434358	G	0.029
rs34441860	C	-0.191
rs2223017	A	-0.0301
rs117530762	C	0.1103

rs117869281	A	0.1596
rs17512676	T	-0.0694
rs34544841	T	-0.0325
rs55700852	A	-0.0381
rs79166502	A	-0.069
rs71416024	G	-0.1449
rs55893992	A	-0.0814
rs11621154	A	0.0338
rs111841525	C	0.1692
rs17100993	G	0.062
rs17751272	T	0.1653
rs7161406	T	-0.2242
rs77973469	T	0.1362
rs10143188	C	-0.052
rs144525261	A	-0.089
rs76465436	G	-0.1834
rs145677369	G	0.1769
rs11160534	G	0.0509
rs112734439	T	0.1024
rs140080736	A	0.2236
rs74054641	C	0.0705
rs12100617	A	-0.0927
rs4903081	C	0.035
rs71419914	C	-0.042
rs57041461	G	-0.0449
rs8005316	A	-0.0469
rs112013204	T	0.1277
rs1380429	T	0.0296
rs4902195	C	0.0282
rs78485296	T	-0.1779
rs8021548	T	0.0312
rs72722868	C	0.0825
rs2761338	C	-0.0298
rs71407707	A	0.0561
rs8012913	G	0.0582
rs17690975	T	-0.0892
rs144206847	C	-0.1425
rs2255146	A	0.0534
rs7141835	C	-0.0282
rs12435934	C	0.0991
rs76051691	T	0.1445
rs149309975	T	0.1791
rs76580676	A	-0.1235
rs10140091	C	0.1244
rs743257	C	0.0306
rs146722479	C	0.1889
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rs7148410	T	0.0292
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rs75665537	G	0.1138
rs117738029	T	0.1603
rs17124250	G	0.1469
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rs116881616	T	0.0854
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rs10873066	T	0.0353
rs111673119	C	0.0404
rs1957638	A	0.0442
rs116877899	C	0.1442
rs144808732	A	-0.0892
rs28397006	T	-0.0398
rs147678286	G	-0.2033
rs4905011	A	0.0485
rs6574622	T	-0.0433
rs17104525	T	0.0951
rs709958	C	-0.0301
rs148782293	C	0.1438
rs12587955	C	-0.0276
rs77809250	T	0.1749
rs17128957	C	-0.0684
rs4505228	C	-0.0387
rs17784096	T	-0.03
rs1566394	T	0.0555
rs8021097	G	0.04
rs139135370	T	-0.1555
rs118125849	T	-0.1463
rs61984284	A	0.034
rs74766922	A	0.0718
rs1956578	G	-0.0863
rs10139476	T	0.0503
rs17104863	C	0.1584
rs76403556	A	0.1253
rs35268989	C	-0.0317
rs1315132	A	0.0395
rs17103396	A	-0.0321
rs1712355	T	0.0279
rs71418974	A	0.0529
rs1253685	C	0.0522
rs1241633	G	0.0274
rs72666468	A	-0.1022
rs61998384	C	0.0995

rs17090949	A	0.0569
rs117619037	T	-0.1532
rs17176566	A	-0.1322
rs12890903	T	0.0278
rs7147909	C	-0.0295
rs2013228	A	0.0789
rs74075617	A	0.1365
rs12586625	C	-0.0543
rs17127282	A	-0.0504
rs6575729	T	-0.0461
rs113798463	T	-0.0305
rs117729781	C	0.1805
rs7147528	T	-0.0296
rs8022610	A	-0.0441
rs79747865	T	-0.0969
rs2661832	A	0.2016
rs8018360	T	-0.0477
rs74328431	T	-0.1251
rs3925139	A	0.0395
rs72669622	A	-0.0393
rs72664333	A	0.2327
rs72718263	G	0.2672
rs79229600	T	0.2001
rs116724152	A	0.1032
rs10484183	T	-0.0502
rs36453	A	0.0278
rs10144501	T	-0.0761
rs17198981	C	-0.0396
rs7401710	T	0.0871
rs12434144	C	-0.0284
rs8181914	C	-0.1478
rs797352	A	0.0339
rs11846075	A	0.0547
rs7153842	A	-0.0342
rs4900408	A	0.0306
rs1289253	A	0.0319
rs57680592	G	-0.0607
rs9783629	C	-0.0311
rs10151968	A	-0.0361
rs76788674	A	0.0728
rs8021839	G	0.0412
rs8003575	T	-0.0944
rs1952743	A	-0.0487
rs10133118	A	0.1096
rs12587926	G	0.0295
rs72700921	A	-0.0358
rs17126387	C	0.0536

rs4898998	T	-0.0286
rs12433702	T	-0.1004
rs78058740	T	0.0911
rs395470	C	-0.0325
rs117797744	C	-0.2604
rs11624240	C	0.0277
rs138172343	C	0.0719
rs61977394	C	0.0474
rs2761340	G	0.0285
rs17181120	A	0.112
rs139425493	C	0.13
rs61983228	A	-0.0597
rs17112431	G	-0.0372
rs12323936	C	-0.0427
rs10483297	C	-0.0803
rs78223089	A	0.1734
rs4072256	G	0.0474
rs79668460	C	-0.1576
rs11622621	C	-0.0613
rs75622716	G	-0.1669
rs10142807	C	-0.0334
rs58182317	A	0.0388
rs12436128	T	-0.0867
rs12880252	A	0.0312
rs4561396	G	-0.0367
rs61982029	G	0.0916
rs57885816	C	-0.2106
rs9323852	T	-0.0282
rs77036148	G	-0.0902
rs12590856	A	0.0436
rs92070	T	-0.0403
rs76220028	G	-0.1834
rs2356900	T	0.1158
rs76177525	C	0.1178
rs8011890	A	-0.0469
rs754631	T	-0.0274
rs17735425	A	0.1111
rs78455333	A	0.143
rs56058013	T	0.0423
rs75563018	A	0.0841
rs76564570	A	0.1301
rs17767225	T	-0.0392
rs140548022	G	-0.0833
rs113817161	T	-0.128
rs2005133	T	0.0861
rs113339051	A	0.1113
rs114849075	A	-0.1709

rs57840012	C	-0.0646
rs1018550	G	0.1012
rs12887210	C	0.0373
rs3938669	G	0.0995
rs75344446	T	0.2554
rs113656414	A	-0.1882
rs2591080	T	-0.0425
rs61991151	A	-0.0854
rs77154095	T	-0.1605
rs75950510	A	0.1407
rs4902216	G	0.1572
rs146162815	A	0.1411
rs74070919	A	0.1279
rs17117446	G	0.0471
rs117002247	G	-0.2012
rs79917834	G	0.1733
rs72711688	A	0.0966
rs116998099	A	-0.19
rs7152946	C	0.0386
rs112423570	T	0.0869
rs2274080	C	0.0338
rs116890804	C	0.1353
rs41438045	A	0.0414
rs179545	A	0.0333
rs146219016	T	-0.1289
rs4901617	T	-0.1103
rs141630389	C	-0.267
rs34330500	G	0.045
rs61993074	A	0.1205
rs139734883	G	-0.2163
rs117349925	T	-0.1637
rs4900486	G	0.0553
rs11621997	T	0.039
rs17106556	G	0.0637
rs139635689	A	0.0844
rs77105380	T	0.0447
rs1680704	G	0.0772
rs117236109	A	0.1308
rs2269304	A	-0.0353
rs4903127	C	-0.0571
rs151187833	C	-0.0917
rs150664278	A	-0.1736
rs61973376	T	0.1127
rs4243557	G	0.0267
rs118164185	A	0.0933
rs2284339	G	-0.0268
rs142960116	G	0.0832

rs61981689	A	0.0552
rs5001880	A	0.0322
rs3729992	A	-0.0512
rs72730339	T	0.0754
rs10130881	G	-0.0271
rs111715673	C	-0.102
rs10498322	T	0.1338
rs36094690	T	-0.1355
rs17117825	A	-0.0419
rs58133778	G	-0.0591
rs4143989	G	-0.0438
rs142277549	T	-0.1467
rs8003626	T	-0.1988
rs311840	G	-0.0274
rs11628027	T	0.0313
rs71422077	T	-0.0727
rs10137879	C	-0.0272
rs1275730	A	0.0436
rs77847288	C	-0.1274
rs7151526	A	0.0667
rs8021600	G	0.0857
rs11621857	T	-0.0937
rs77792270	A	0.1262
rs8018809	T	0.0395
rs1958590	G	0.056
rs1270631	A	-0.0346
rs718362	C	-0.039
rs7159711	G	0.0304
rs145190683	C	0.034
rs854339	T	0.0716
rs7149233	T	0.0974
rs8022781	A	0.1329
rs11848056	C	0.0407
rs61982475	A	0.0372
rs1243450	G	0.0698
rs117202797	G	-0.1914
rs74765861	A	0.0961
rs2104089	C	-0.042
rs2887642	T	-0.0597
rs17114839	T	0.1209
rs143619197	C	-0.1341
rs78531451	G	0.0815
rs8018659	T	0.0565
rs145730801	C	0.0766
rs12889552	C	-0.0524
rs78094872	T	0.0876
rs11845021	G	0.04

rs10145182	A	0.0291
rs10483463	G	0.0291
rs142116921	C	-0.2312
rs75487228	A	-0.1212
rs7143468	A	0.0291
rs11158025	C	-0.0295
rs79908404	A	0.1135
rs78488122	T	0.0686
rs226998	A	0.0286
rs4981438	T	-0.0482
rs138115450	T	0.085
rs144239789	C	0.09
rs2765915	C	-0.0278
rs76843263	A	-0.0847
rs113590149	G	0.1134
rs1315731	A	-0.0358
rs117148134	G	-0.0771
rs12880040	A	0.0372
rs7143137	C	0.0641
rs7149682	C	0.0415
rs4406982	G	0.0436
rs12586841	A	-0.0517
rs4488373	G	0.0399
rs150251571	C	0.1093
rs60131530	C	-0.0901
rs3909623	A	-0.028
rs2626606	G	-0.0373
rs75941356	A	0.1104
rs11622363	C	-0.0414
rs2093291	A	0.0304
rs77696112	T	-0.0934
rs4127756	A	0.0953
rs111920927	T	0.1233
rs72675705	T	0.0681
rs7150526	T	-0.0299
rs8010058	T	-0.0529
rs141210153	G	0.1209
rs935340	C	0.0347
rs118098180	T	0.0589
rs11850238	A	0.0605
rs10131485	A	-0.1254
rs113675051	A	0.2267
rs1243673	T	0.0406
rs11846601	A	0.0894
rs146310212	T	0.1631
rs72719728	C	-0.1421
rs142144986	G	0.1577

rs140178109	A	-0.1143
rs117255031	C	-0.0922
rs946627	G	-0.0349
rs11849670	C	0.0305
rs4904132	A	0.0317
rs112761822	T	-0.0926
rs75113600	G	-0.0606
rs117901134	G	0.0761
rs145465916	G	-0.1555
rs147189131	G	-0.1531
rs2400998	A	-0.0535
rs7147298	T	0.0902
rs75508863	A	-0.0785
rs1240986	C	0.0377
rs72708433	C	0.0936
rs77010980	T	0.1008
rs76238241	C	-0.0477
rs17224089	G	-0.0393
rs78689848	T	-0.1256
rs140539358	G	-0.2302
rs11627305	G	-0.0333
rs12889116	C	-0.0494
rs76904544	A	0.1024
rs3811251	T	0.029
rs10150171	A	0.1021
rs55920391	A	-0.0433
rs7145195	C	-0.0778
rs12883938	T	0.0906
rs56202324	C	-0.1559
rs17098884	G	0.0793
rs1266469	G	-0.028
rs145419828	C	0.1253
rs34305514	C	0.1335
rs10151811	C	0.1323
rs72673283	C	-0.2091
rs76332539	G	0.0412
rs143449038	G	-0.1924
rs12589796	C	-0.0571
rs151162396	A	0.1479
rs2369523	A	-0.028
rs149588088	T	-0.2026
rs34203771	A	-0.0831
rs1958134	G	-0.0406
rs141879672	T	0.1444
rs17710253	A	-0.1503
rs143952294	A	0.2919
rs117060466	T	-0.1378

rs2498786	C	-0.0321
rs4353433	C	0.0302
rs74057564	T	-0.057
rs1005354	A	-0.0696
rs847300	A	-0.09
rs7151201	C	0.0378
rs117375175	A	-0.1422
rs77689120	A	0.2443
rs10872877	T	0.0374
rs798844	T	-0.0481
rs72695625	G	0.1873
rs75895959	A	0.1264
rs4904588	T	0.0597
rs71431117	G	0.1578
rs72675795	T	-0.1502
rs78467598	G	0.1443
rs117860774	G	-0.1266
rs10131678	C	-0.0475
rs72659910	T	-0.0322
rs10144189	T	0.0485
rs62000303	T	0.0448
rs56405333	T	0.045
rs8012218	A	0.03
rs113357081	A	0.1835
rs1243485	A	-0.0508
rs12586664	C	-0.0342
rs751688	C	-0.0551
rs143579261	C	-0.0534
rs17826925	C	-0.0274
rs78042613	T	-0.1505
rs12891547	A	0.1501
rs11621560	C	-0.027
rs116868024	T	0.1226
rs57475476	C	-0.1489
rs73586420	T	-0.0508
rs146825904	A	0.0401
rs117119530	G	0.0795
rs1257636	A	0.0504
rs140550077	T	0.1267
rs60892486	T	-0.0412
rs11848726	C	-0.0291
rs80320385	G	0.0896
rs7152165	A	-0.0312
rs111587129	A	0.0356
rs144481505	G	-0.152
rs35254825	G	0.086
rs10137893	C	-0.038

rs117307336	T	0.0841
rs2038350	G	-0.0264
rs7159547	C	0.1663
rs145125525	C	0.1305
rs61969850	T	-0.078
rs11159001	A	0.0469
rs116261083	T	0.0876
rs78283011	T	-0.1383
rs2148334	A	0.0423
rs1483968	T	0.0646
rs11627774	T	0.0266
rs888475	G	0.0384
rs12590098	A	-0.1328
rs4982352	C	-0.0298
rs4078415	A	-0.0267
rs72683535	C	-0.1139
rs7146338	T	0.0284
rs77522579	A	0.1134
rs56336325	A	-0.0912
rs1107599	G	-0.0316
rs142577882	T	-0.146
rs11623755	A	-0.034
rs6575095	C	-0.1056
rs35880188	G	0.0911
rs113437270	G	0.1173
rs10147314	A	0.0306
rs61982620	T	-0.0308
rs111944489	C	0.0905
rs148314870	C	0.1916
rs2145466	T	-0.0664
rs76646901	A	0.0942
rs10139345	T	-0.026
rs55960294	C	-0.044
rs12895105	C	-0.0293
rs10131010	C	0.0984
rs118045770	T	-0.1666
rs113341833	G	-0.0329
rs117254281	A	0.101
rs2402171	A	-0.0281
rs117180260	G	-0.1217
rs10146820	G	-0.045
rs141232514	T	0.2243
rs7143212	A	0.0478
rs61976295	G	0.0642
rs113350330	A	0.1165
rs142771906	T	0.1458
rs141340953	C	0.1706

rs7141930	T	0.0314
rs1980617	T	-0.0272
rs8003280	A	0.0699
rs17214317	C	0.0735
rs45479501	T	0.1205
rs60097283	A	0.047
rs12897354	A	0.0413
rs147268230	T	0.149
rs118133224	A	-0.2207
rs113550751	T	0.1027
rs8015514	A	-0.0469
rs116870336	C	-0.1054
rs1056704	C	0.0678
rs17092105	G	-0.162
rs77317139	A	0.1239
rs76614406	A	0.0989
rs17197170	G	-0.0374
rs7142484	G	0.0278
rs149624756	A	0.1751
rs117684211	T	-0.1694
rs143329701	C	-0.0601
rs12590067	T	-0.0584
rs11627631	A	-0.0913
rs2150305	C	0.0302
rs3818251	G	0.033
rs74720901	C	-0.1106
rs1955491	C	-0.0315
rs75034180	T	-0.1058
rs140702931	C	0.2171
rs17099623	C	-0.0327
rs12434021	G	0.0343
rs75285011	C	-0.1435
rs76639905	A	-0.0511
rs15795	C	-0.0316
rs59661501	G	0.0426
rs17202465	A	-0.0341
rs8021895	T	-0.0258
rs140487157	G	0.1255
rs61979975	C	-0.0269
rs72668438	G	0.1418
rs56044811	A	-0.049
rs149530626	C	0.1258
rs7145619	T	0.028
rs138072236	T	0.1127
rs142510652	G	-0.1163
rs59771829	C	0.0339
rs17105586	G	-0.027

rs1681579	T	0.0499
rs941750	T	0.0452
rs10131921	A	-0.057
rs35855701	C	0.0303
rs10148982	C	0.0279
rs118160016	A	0.1458
rs113695602	C	-0.0972
rs28427534	C	-0.1116
rs150909496	T	-0.0916
rs72680630	A	0.1191
rs4900482	T	0.0431
rs76142477	T	0.1987
rs986877	T	0.0333
rs4903579	A	-0.0468
rs142542107	C	0.1619
rs12588898	G	0.0449
rs17576004	T	0.1622
rs79774278	G	0.1948
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rs144343297	A	0.1026
rs12589875	T	0.0255
rs1769450	A	0.0271
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rs111713178	C	-0.1481
rs12879874	A	0.0398
rs75009322	G	0.1097
rs1007731	A	0.0522
rs79337453	C	-0.0894
rs150809399	A	-0.1105
rs141241299	T	0.1034
rs77078520	C	0.1695
rs76574539	A	-0.0788
rs73285006	A	0.0263
rs2281651	T	0.0304
rs1676049	C	-0.0287
rs118054664	C	0.0814
rs72700703	C	0.0772
rs1257586	A	-0.0255
rs10135444	C	-0.031
rs141834861	A	0.0985
rs142464256	T	0.1126
rs117880750	C	-0.0905
rs61753893	G	0.1523
rs78505988	T	-0.1787
rs140378741	T	0.1034
rs3811209	G	-0.0279

rs116856824	T	-0.0569
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rs113176950	A	-0.1441
rs77568988	C	0.0659
rs111672158	A	0.0528
rs17260625	C	0.05
rs17120302	C	-0.0592
rs3886483	A	0.0295
rs116989552	A	0.1256
rs67848433	T	-0.0468
rs34612764	A	-0.0477
rs144092787	T	-0.0331
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rs12880015	G	0.1158
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rs79979502	G	-0.1455
rs1955981	G	-0.026
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rs60708257	C	0.0373
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rs75591173	C	0.1968
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rs75524963	C	0.0985
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rs77007861	T	0.1111
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rs17257605	G	0.1037
rs76307797	A	-0.1155
rs10483748	T	0.0294
rs10144809	C	0.1541
rs145637119	A	0.1015
rs7155723	A	0.0752
rs111526079	A	0.0875
rs61981996	G	0.0319
rs112445094	T	-0.0987
rs60622880	C	-0.0256
rs72727949	A	-0.06
rs80072789	T	0.0829
rs141664582	G	0.0894
rs17280296	T	-0.0698
rs72625684	C	0.0681

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rs8019982	G	-0.0333
rs147169300	C	-0.1209
rs12894592	T	0.1344
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rs8019082	A	-0.0318
rs117843563	C	-0.129
rs4381499	C	0.104
rs76344925	T	-0.0856
rs11621227	C	0.0392
rs149167215	A	-0.1598
rs1007288	T	-0.0293
rs17827902	A	-0.0606
rs1279002	C	0.0261
rs8009560	C	0.0649
rs12890417	C	0.1038
rs4981138	C	0.0538
rs67019141	C	-0.0347
rs75685458	A	0.0901
rs117012699	T	-0.2209
rs17128653	G	-0.1021
rs12883673	G	0.039
rs61252072	C	0.1118
rs721979	A	0.0357
rs114900272	A	0.1075
rs62010981	C	-0.0557
rs11623864	T	0.2022
rs142596183	C	0.1541
rs17723597	T	0.0259
rs10133582	G	0.0417
rs72664644	T	-0.1491
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rs61981352	T	0.0882

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rs12437149	C	-0.0704
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rs117781882	T	-0.0799
rs117612960	C	0.0801
rs76470617	T	0.0738
rs17122882	T	-0.0518
rs72660602	A	-0.0811
rs55777436	C	0.2381
rs78518350	A	-0.118
rs8008032	A	0.0684
rs118145836	A	-0.0528
rs73332551	T	0.0792
rs75045877	T	0.0576
rs1958654	T	0.0388
rs117735227	G	0.1261
rs11570782	G	-0.0372
rs2239214	G	0.0446
rs17104194	A	0.1671
rs117187949	G	0.1611
rs75947546	A	-0.0778
rs17101661	A	0.1563
rs77046985	G	-0.0642
rs847501	C	0.0265
rs79109521	A	-0.1645
rs17439529	T	0.0263
rs68090074	A	-0.0267
rs113523434	T	0.042
rs4903592	A	0.1151
rs17309665	A	0.0762
rs76145532	C	-0.0721
rs118062107	C	0.0887
rs138543059	G	0.1106
rs77176196	C	-0.1019
rs2498827	G	-0.0257
rs2273913	T	0.0432
rs74839727	C	-0.0699
rs12589208	G	0.0363
rs56058890	C	-0.0401
rs1092014	G	0.1355
rs727350	A	-0.0285
rs143564082	T	0.1646
rs7161555	T	0.0249
rs117323093	G	0.0764
rs36017936	T	-0.0332

rs118074246	T	0.1183
rs2402226	C	0.0256
rs76089046	G	-0.0593
rs12433322	A	0.0375
rs59776165	T	0.0415
rs10129297	C	-0.0324
rs1953439	T	-0.0634
rs10151972	T	0.0261
rs1957572	C	-0.0481
rs72691237	T	0.0709
rs2987962	A	0.0249
rs28544920	G	-0.0385
rs79942275	A	0.1176
rs72709582	T	-0.0593
rs12588812	G	-0.0521
rs2142183	C	0.0303
rs1285824	G	-0.0256
rs1242105	C	-0.0275
rs10133245	A	-0.0286
rs12435571	T	0.0491
rs148814019	A	0.1308
rs929609	T	0.0261
rs72672914	G	-0.1006
rs2231797	G	0.0278
rs117009841	C	0.1236
rs146973333	A	-0.0761
rs6572324	T	-0.0506
rs7149326	C	-0.0824
rs35383833	A	0.063
rs111781133	A	-0.1248
rs4901119	A	0.0248
rs115146802	A	0.0607
rs4898922	A	-0.0409
rs7147249	T	-0.1222
rs17654303	A	-0.158
rs115857354	T	-0.1251
rs10133637	G	-0.0283
rs143095195	T	-0.1143
rs17090892	G	-0.045
rs113234018	T	0.0398
rs35613673	T	-0.0267
rs10149108	T	-0.0468
rs4904003	G	-0.0262
rs4901592	C	0.0261
rs61975084	A	0.0295
rs62005105	A	-0.0862
rs147746003	A	-0.211

rs113131223	A	0.1013
rs2909436	A	0.1331
rs739321	C	-0.0914
rs72685473	C	-0.0619
rs117013051	C	-0.1716
rs61998355	C	0.0644
rs1748948	T	-0.0277
rs12587865	T	0.0292
rs17114787	G	0.0338
rs7143383	T	0.0342
rs7146435	T	0.0345
rs11622224	C	-0.0254
rs17277907	G	-0.0693
rs58839744	A	-0.081
rs116437200	T	0.1412
rs76567590	A	0.1448
rs75417347	A	0.0826
rs117516552	C	-0.067
rs12882499	C	0.0275
rs74551590	C	-0.0895
rs28396435	C	0.1339
rs12881245	T	-0.0432
rs140514603	G	-0.1866
rs7144460	A	0.06
rs150030919	C	-0.1248
rs146364509	T	-0.0907
rs12435238	A	0.0318
rs140814958	T	-0.1044
rs138980163	A	-0.0386
rs62000678	T	0.1069
rs11847044	G	0.0302
rs60019916	C	0.0458
rs79818851	G	0.0805
rs12587607	C	0.0328
rs116844836	C	-0.1431
rs61981971	T	-0.0639
rs72662250	A	-0.2123
rs59042733	A	0.0347
rs144330682	C	0.0834
rs11851965	T	0.0264
rs72724658	T	0.095
rs17782153	T	-0.0288
rs56003946	A	0.099
rs45608034	T	0.1222
rs143678942	A	0.1102
rs12586447	G	-0.1413
rs4902806	G	0.0343

rs146607429	T	0.1631
rs17100296	T	0.15
rs150857407	C	-0.1398
rs8013122	C	-0.0392
rs56326314	T	0.0648
rs4903716	C	-0.0247
rs215499	G	-0.0739
rs8016889	A	0.0265
rs116582638	A	-0.1144
rs12432477	A	0.0288
rs116852014	C	-0.0695
rs17772793	G	0.0276
rs79259702	C	-0.101
rs28668993	T	0.0379
rs1957321	A	0.0495
rs17123832	G	0.0881
rs7157928	T	0.0537
rs3742680	A	-0.0378
rs78757355	A	-0.1522
rs139944740	T	-0.1005
rs10132512	A	0.0273
rs8193034	G	0.17
rs78833210	T	0.1708
rs150062273	T	0.1445
rs4904761	A	-0.0268
rs2281823	G	-0.0242
rs187481630	A	0.1243
rs10146791	G	0.0271
rs78768242	T	-0.1603
rs117887875	C	-0.0836
rs117345107	T	-0.1833
rs1744269	A	-0.039
rs1189135	A	-0.0566
rs12586448	T	0.0478
rs72682917	G	0.0831
rs117656438	A	0.1023
rs8007247	A	-0.0284
rs78769565	T	0.0448
rs17108071	G	-0.029
rs10143721	A	0.0311
rs10137977	C	-0.0437
rs75100402	A	-0.0611
rs12590800	G	-0.0311
rs6571651	T	-0.0306
rs17105573	T	0.0764
rs8012258	C	-0.0253
rs8006849	G	-0.0252

rs12897621	A	0.0252
rs77782666	C	-0.1015
rs115649731	A	0.1226
rs854314	T	0.0267
rs17255451	C	0.0253
rs117630951	A	-0.121
rs113143430	C	0.1942
rs78640165	T	0.1726
rs79939941	T	-0.1062
rs77339508	A	0.1027
rs7144405	A	0.0259
rs150187316	G	-0.1914
rs11626300	A	0.0837
rs2236133	A	0.0333
rs140912477	C	-0.1749
rs117762559	T	-0.1215
rs12884695	C	0.0298
rs79494771	A	-0.1538
rs10139432	G	-0.0244
rs17093069	C	-0.0374
rs17103360	A	-0.0327
rs2275556	A	-0.0366
rs75680625	C	-0.055
rs874284	T	0.0686
rs10141764	G	-0.0313
rs34564902	A	-0.0408
rs61989817	T	-0.0783
rs1257427	T	0.0523
rs10132198	A	-0.0459
rs35690663	G	0.0271
rs34803930	A	0.2119
rs72705243	A	0.1039
rs11621097	G	0.1423
rs2284651	C	-0.0261
rs62001570	A	-0.1393
rs17104278	C	0.0622
rs61979494	A	0.0434
rs61979341	T	-0.0465
rs1951470	T	-0.0295
rs2318305	G	-0.041
rs990962	C	0.0335
rs12435734	A	0.0241
rs138398741	C	0.1515
rs56270364	C	0.0301
rs61975159	A	0.0502
rs11159379	T	0.0288
rs71415062	T	0.1944

rs11628228	G	0.0611
rs115080749	A	0.1197
rs144386241	A	0.1152
rs1315139	A	0.0241
rs1950931	T	0.0252
rs75527370	A	-0.0851
rs79946579	T	-0.1366
rs80316165	G	-0.1084
rs76962697	C	0.0818
rs12891207	A	0.0258
rs4516137	A	-0.0332
rs71412047	G	-0.03
rs143293593	T	0.273
rs4410014	C	0.0354
rs78534041	C	-0.0463
rs12586193	T	0.0335
rs2355661	G	-0.0326
rs8019423	T	-0.0256
rs61975354	A	0.0635
rs7150077	T	-0.0318
rs55732934	C	0.0288
rs9323202	C	0.0346
rs140571313	A	0.158
rs117743356	G	-0.0593
rs79475164	G	-0.157
rs72720291	T	-0.0547
rs7160137	G	0.0743
rs8004468	A	-0.0343
rs116462862	G	0.1624
rs138775648	T	0.049
rs17751454	A	-0.0286
rs11620754	T	0.1051
rs61981363	T	0.0299
rs12894321	T	0.024
rs56161910	G	0.0863
rs117604848	C	-0.2123
rs146115354	G	-0.0973
rs11851067	A	-0.082
rs12895477	G	-0.0356
rs148290822	T	0.1167
rs2332819	T	0.0794
rs6650512	A	-0.1336
rs8003356	C	0.0705
rs76281060	C	-0.0873
rs7160349	T	-0.1675
rs75597341	T	-0.1024
rs35755034	T	0.1748

rs12880688	C	-0.0331
rs17280422	C	0.0436
rs9919884	C	0.0428
rs1285815	T	0.0326
rs56002524	T	-0.0318
rs7147013	G	0.0312
rs12431477	A	0.029
rs78087542	T	0.085
rs2184671	G	-0.0424
rs2014829	T	0.04
rs10133087	T	-0.0346
rs61988424	T	0.0453
rs3025762	T	0.1605
rs2093759	T	-0.0713
rs10149586	A	-0.0752
rs7141384	G	-0.0262
rs72725154	T	0.1485
rs12435096	A	0.0948
rs111304500	A	0.0578
rs12880795	C	0.0268
rs35265415	T	-0.1361
rs117849514	A	0.1365
rs60278229	T	0.0677
rs117140981	T	-0.1789
rs76593431	T	-0.1205
rs2069970	A	-0.039
rs2145641	C	-0.0358
rs58617685	T	0.0486
rs117487780	C	-0.0884
rs55939985	T	-0.1962
rs145373489	A	0.1091
rs72727454	G	0.0961
rs7141006	G	-0.0263
rs141127214	T	-0.1277
rs187945619	C	0.085
rs7141798	G	-0.0449
rs116849609	C	-0.1843
rs79229764	T	-0.0733
rs2874057	G	-0.0333
rs59167088	G	0.0417
rs10138542	G	0.0259
rs12432969	A	-0.1016
rs72680088	C	-0.1047
rs72728998	G	0.026
rs1257441	A	-0.026
rs59600678	T	-0.0354
rs2011882	C	0.036

rs10145883	A	0.0323
rs4310777	A	-0.0439
rs2069587	C	-0.0735
rs45565635	C	0.092
rs11622536	A	-0.0333
rs12436161	G	0.0398
rs1998021	A	-0.1181
rs55802468	A	0.1436
rs732912	A	0.0298
rs2069209	C	0.1219
rs73317466	A	0.1047
rs150663550	A	-0.0921
rs56139318	G	-0.0241
rs72672799	A	-0.041
rs61982135	C	0.0671
rs72714459	A	-0.1215
rs72708523	T	-0.081
rs8010752	A	0.0307
rs11160251	G	-0.0278
rs72724646	T	-0.03
rs55912831	G	0.0247
rs61981972	C	-0.0432
rs111310138	C	-0.043
rs8007546	T	-0.0387
rs2583341	C	0.0332
rs750273	G	0.0255
rs117913708	T	-0.2014
rs7142386	G	0.024
rs79237179	G	0.0673
rs7151113	T	-0.0327
rs74884751	T	-0.1166
rs1956620	G	0.1322
rs6574836	A	0.0335
rs147425199	A	0.0971
rs61979915	T	-0.1261
rs2900015	A	0.1053
rs76309775	T	0.0897
rs68094819	C	-0.1507
rs1548818	A	0.0311
rs114133265	A	0.0734
rs139528923	A	-0.1385
rs28446570	T	-0.0802
rs117600027	C	0.1449
rs160472	C	-0.0254
rs75655413	G	-0.0796
rs76694886	G	-0.0896
rs11849038	A	-0.0553

rs4377066	T	-0.0479
rs114684732	C	0.1465
rs11625058	A	0.0669
rs77895101	T	-0.1879
rs1956855	A	0.0264
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rs61994176	C	0.0309
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rs60842069	T	0.0668
rs202960	C	-0.0367
rs7159334	C	-0.0316
rs74062834	A	0.0488
rs61992824	G	0.0341
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rs7141420	C	0.024
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rs75864941	C	-0.1114
rs17718544	G	0.0452
rs34167556	T	0.0283
rs71418989	T	0.1622
rs34147959	C	-0.0753
rs149378382	T	-0.1298
rs1243664	A	0.0433
rs118077224	C	0.0959
rs61975585	A	0.148
rs71420470	A	-0.0401
rs35483531	T	-0.0333
rs9888619	T	0.0336
rs74886757	T	-0.1181
rs1998136	A	-0.0275
rs807439	G	0.0651
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rs117075035	G	0.0936
rs8013662	G	-0.0447
rs113078302	T	0.0643
rs913742	A	-0.0281
rs74751401	T	-0.1271
rs1692041	T	-0.0253
rs11626120	G	-0.0744
rs2402172	C	0.0336
rs34367846	T	0.0674
rs77957932	C	-0.047
rs1553500	A	-0.0502
rs149108558	T	0.0703
rs4905528	A	0.0237
rs72666407	T	0.0527
rs79309235	A	0.1137

rs11624422	C	0.0766
rs1887943	T	-0.0293
rs10498408	T	0.0617
rs117593252	A	0.1139
rs1053900	C	-0.0261
rs72724208	A	0.0607
rs145214439	T	0.0894
rs12890179	T	-0.0662
rs113012323	A	-0.0643
rs2766	T	0.0703
rs10138876	T	0.0285
rs111902397	G	-0.0618
rs75585956	A	-0.084
rs78942973	T	-0.0965
rs1698528	A	0.0271
rs79072784	T	-0.0837
rs1187886	C	0.0519
rs1698537	T	-0.0306
rs114613038	G	0.1289
rs17123971	G	0.0926
rs2038502	G	0.0488
rs78701040	G	-0.0434
rs77253648	T	0.1025
rs234136	T	-0.0261
rs77286073	T	-0.1325
rs977606	T	-0.0507
rs34439941	G	0.0254
rs34034077	A	-0.0266
rs117097246	T	0.0988
rs12717560	A	-0.0269
rs117182365	T	-0.1347
rs11628554	T	0.0767
rs3784095	G	-0.0436
rs850742	T	-0.026
rs75857200	A	-0.0372
rs17097458	A	0.0572
rs12886427	A	0.0646
rs140729811	G	-0.1465
rs117322124	G	-0.0649
rs79409415	A	0.1154
rs11160642	T	-0.0328
rs74316352	A	0.0568
rs141788395	A	0.1243
rs117446972	T	0.0662
rs77487624	T	0.1479
rs3814816	A	-0.0416
rs80000572	T	0.0808

rs78982354	G	-0.1565
rs118116418	G	0.1462
rs72720805	G	0.1086
rs4447317	A	0.0991
rs1953705	C	0.1518
rs72729528	C	-0.1041
rs12436690	A	0.0464
rs2275009	A	0.0375
rs17557187	G	-0.0543
rs73291460	C	0.0736
rs73341019	G	-0.0419
rs7158526	C	-0.0272
rs72731520	G	-0.0439
rs145825218	T	0.2199
rs34109120	C	0.0299
rs7159942	T	0.042
rs12147632	T	-0.0451
rs1745721	C	0.0277
rs113538578	G	0.0875
rs1257643	A	-0.0373
rs7141515	G	-0.0258
rs10144263	C	-0.028
rs117656496	G	-0.1099
rs17794251	T	-0.0289
rs9671397	C	0.0946
rs138380516	G	-0.1135
rs79089643	A	0.0735
rs28697216	C	-0.0272
rs61996981	A	-0.0262
rs17249299	T	-0.0426
rs117885021	A	-0.1023
rs75165909	T	0.1038
rs60737664	A	-0.1245
rs2025258	C	0.0258
rs7146181	A	-0.0255
rs77282669	C	-0.0832
rs138901059	G	0.068
rs146190335	G	0.0973
rs111774468	A	-0.2096
rs34753032	T	-0.0351
rs753681	C	-0.0897
rs1548584	C	0.0289
rs34312657	A	0.1356
rs72700180	A	-0.1815
rs10872875	T	-0.0235
rs117631257	G	-0.1127
rs10144974	G	-0.0261

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rs10142808	T	-0.0551
rs4899759	T	0.0299
rs117759611	T	-0.1396
rs10498302	T	0.0412
rs148379659	G	0.172
rs117236280	T	-0.1799
rs80207522	A	0.1363
rs57711557	A	0.1804
rs17174953	A	0.1046
rs143872900	A	0.1181
rs116282947	G	-0.0946
rs149271605	A	0.139
rs61981489	C	-0.0801
rs12888573	T	0.0353
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rs12147926	A	0.0762
rs74065246	A	0.1685
rs143468986	T	0.0538
rs117085224	T	0.1055
rs3212102	T	-0.0882
rs2332279	C	-0.0258
rs117350778	T	-0.0876
rs12881999	G	0.1206
rs79973508	G	-0.1261
rs12885519	T	0.2001
rs6575834	G	0.0424
rs34444394	T	-0.1702
rs17118221	A	0.104
rs10144411	A	-0.0247
rs56843045	A	-0.0304
rs807449	C	-0.044
rs7140661	A	0.0325
rs77356706	A	0.0958
rs1956573	G	-0.0272
rs62003384	G	0.0524
rs2180539	C	-0.0336
rs4905172	C	0.0763
rs147258956	A	0.0723
rs11160155	A	-0.0477
rs2767355	A	-0.0395
rs34078091	T	0.0715
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rs67587874	T	-0.0388
rs138160736	A	0.0969
rs11626878	C	-0.0482
rs198246	C	-0.0537

rs17095237	G	-0.0301
rs2717217	A	-0.0252
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rs10145308	C	-0.0367
rs11627364	C	0.0243
rs113884483	A	0.1253
rs117949281	G	-0.0931
rs10483951	G	0.0249
rs7149078	A	-0.0272
rs77984256	T	0.1105
rs113325647	T	0.128
rs2236317	T	0.0327
rs115943027	G	0.0694
rs12892922	A	-0.0253
rs112648887	A	-0.0842
rs1951635	A	-0.0412
rs140783387	C	0.0754
rs17095915	C	0.0408
rs142456798	G	0.1177
rs1254974	T	0.0236
rs12890524	G	0.0491
rs17831313	G	0.0296
rs149482736	T	-0.2837
rs117979171	T	-0.1064
rs2024861	T	0.06
rs75413288	T	-0.0929
rs146483441	T	-0.156
rs1335515	C	0.0278
rs118173218	A	0.0711
rs79189272	T	-0.0523
rs75254254	G	0.0642
rs11624164	T	0.0275
rs149033827	C	0.1315
rs8009522	G	0.0499
rs147773101	T	-0.1976
rs17724306	A	-0.1244
rs4899667	T	0.0235
rs4316682	G	-0.0313
rs111774953	G	0.1364
rs1565615	A	-0.0451
rs7155831	C	-0.0323
rs12879775	A	0.0291
rs11622481	C	-0.0352

rs140522978	T	-0.1763
rs57317656	C	-0.1218
rs142943306	T	0.1893
rs117898262	T	-0.1368
rs72676014	T	-0.1028
rs17765593	T	0.0604
rs76904778	C	0.1413
rs8016182	A	-0.0305
rs77732984	A	0.0537
rs4904225	G	0.0232
rs10143551	A	0.0265
rs144197689	C	0.113
rs4903744	G	-0.0252
rs74534455	A	0.0895
rs12435276	C	-0.1422
rs10133519	G	0.0908
rs1072181	T	-0.0231
rs118036535	C	0.1373
rs112249089	T	0.1434
rs8013313	T	0.0261
rs10498648	C	-0.0246
rs2411813	G	0.0384
rs76692293	A	0.1241
rs2817539	G	0.0248
rs1959838	C	-0.0316
rs117129152	A	0.1105
rs61988575	A	-0.0306
rs34937476	G	0.0624
rs12588353	A	-0.0244
rs34084997	T	0.0701
rs7159322	C	-0.0308
rs17705073	G	-0.0517
rs12591005	T	0.0284
rs140671009	A	-0.1579
rs17252483	C	-0.1322
rs7141562	C	0.027
rs10130805	C	-0.0329
rs2254205	C	0.046
rs4899704	T	-0.0442
rs117848934	A	0.1394
rs113025579	T	-0.1016
rs1957203	T	-0.1515
rs390230	C	0.0413
rs12883550	C	-0.0331
rs149928022	T	0.1595
rs117868579	G	-0.1379
rs17098316	C	0.023

rs35479733	G	-0.0238
rs4982892	C	-0.0235
rs12590844	A	-0.0313
rs11851219	T	-0.0437
rs36093510	A	0.0542
rs6571576	A	0.0765
rs77098665	T	0.05
rs2885232	T	0.0325
rs72680148	A	0.0889
rs139630560	C	0.1391
rs17091497	C	0.0771
rs72683527	G	0.0877
rs116993813	A	0.0886
rs145891735	T	0.0561
rs5742761	G	-0.0325
rs118180943	T	0.1347
rs12433856	A	0.0299
rs10873364	G	-0.0239
rs6575358	C	-0.0361
rs72675450	T	-0.1168
rs1539213	G	-0.0253
rs1956328	C	-0.0245
rs76512764	C	0.0497
rs12588562	A	-0.0832
rs116872516	A	0.0695
rs111827361	G	0.1385
rs17826482	T	0.0331
rs111925674	C	-0.077
rs17092893	C	0.1063
rs117392062	T	-0.1566
rs3934272	T	-0.0377
rs11626413	A	0.1072
rs72723590	G	-0.0642
rs113871236	C	0.058
rs117654977	A	-0.0846
rs1126132	C	0.0261
rs58843572	C	0.1213
rs76833300	A	0.1028
rs117107246	T	-0.1755
rs77999792	T	-0.0609
rs225009	C	0.0472
rs60059373	A	0.0454
rs17108907	G	-0.078
rs77578629	A	-0.0443
rs11626897	A	-0.0581
rs10149250	A	-0.0718
rs118014920	G	-0.1379

rs117736245	G	-0.0791
rs8007684	T	0.0335
rs117404126	T	-0.1362
rs72720188	C	0.1172
rs143966441	T	-0.1489
rs137894720	G	0.1483
rs17784090	G	0.1086
rs35898659	A	0.0589
rs17096262	T	-0.042
rs1278875	A	-0.044
rs75196557	C	-0.1094
rs8022718	C	-0.115
rs141152411	A	-0.2422
rs55961305	G	-0.0323
rs72731588	G	0.0573
rs117648752	A	0.1566
rs61989119	G	-0.1261
rs80102403	C	-0.1355
rs74995338	T	0.0702
rs35459649	T	0.0901
rs117404487	G	-0.0969
rs2400942	A	-0.0253
rs61988516	C	0.0451
rs10148858	T	0.0606
rs17091446	A	0.0848
rs4982238	C	0.067
rs12323912	A	-0.0347
rs61995278	C	-0.0387
rs4898703	A	-0.0583
rs4902718	T	0.0377
rs117264282	T	0.0977
rs2180391	A	-0.0487
rs11849338	T	-0.0235
rs143423310	T	0.1577
rs12884512	A	-0.1107
rs74078518	A	0.0569
rs1772020	G	0.0446
rs7157278	C	0.0237
rs12232210	T	0.1115
rs749647	A	-0.0243
rs56114299	G	0.0878
rs74589552	A	-0.0783
rs72691220	G	-0.0298
rs8021274	G	0.0266
rs28890023	A	0.048
rs1485474	G	-0.0225
rs143337234	A	0.1005

rs1631871	G	0.0368
rs11628630	A	0.027
rs117627474	A	0.1369
rs2163412	T	0.1016
rs117693999	A	0.1736
rs147886217	A	-0.1109
rs2184282	C	0.0382
rs149923338	A	0.1152
rs1885153	T	-0.0479
rs945353	C	-0.143
rs118145236	G	-0.0986
rs77756190	G	-0.132
rs78280089	G	0.1237
rs1160163	T	-0.0299
rs2070343	C	-0.0568
rs77332596	A	0.1921
rs229660	C	-0.032
rs7141760	G	-0.045
rs4982138	G	-0.0303
rs76188354	G	-0.0391
rs117787247	A	0.1048
rs149731447	T	-0.1641
rs4494467	C	-0.0251
rs72731013	A	0.1436
rs8022364	A	-0.0294
rs61975063	C	-0.1419
rs147081176	A	0.2312
rs6575612	G	0.0332
rs140278357	T	0.1911
rs112041113	C	-0.1083
rs79951939	T	0.0808
rs56762167	G	-0.0357
rs72719851	G	0.0347
rs7146767	C	0.0825
rs1303451	T	0.104
rs2402405	C	0.0237
rs138266868	C	0.1371
rs4405484	C	-0.0536
rs2185942	C	-0.0247
rs11625990	A	0.0326
rs145676769	T	0.0419
rs117314552	A	0.0653
rs4899518	A	-0.0273
rs58791530	T	0.0956
rs11850399	C	-0.0347
rs148312693	A	-0.1953
rs1957913	C	0.024

rs2415463	G	0.0228
rs73290927	T	0.0309
rs10146989	A	-0.0297
rs8004632	A	0.0375
rs78588993	G	-0.0847
rs61994508	G	-0.0296
rs117936856	T	0.1415
rs12880515	T	0.0592
rs117522048	A	0.1477
rs66522440	A	0.0346
rs1778366	T	0.0776
rs139124542	G	-0.1423
rs72691376	A	-0.1251
rs77762131	C	-0.0828
rs11157934	T	0.0231
rs210334	T	-0.0314
rs4389083	G	0.0855
rs7142563	C	-0.0232
rs61976546	C	0.0846
rs56402275	A	0.0314
rs141757694	T	-0.0434
rs11620694	C	-0.027
rs143245570	G	-0.1488
rs118006623	A	0.1254
rs868519	G	-0.1363
rs11628394	T	-0.0981
rs7148794	T	0.0379
rs61977367	A	0.0463
rs77056814	T	-0.1004
rs3945994	A	-0.0726
rs7146815	A	0.0307
rs61988180	A	0.0436
rs17516681	T	0.095
rs8015412	G	-0.0369
rs10145656	G	0.0225
rs61974592	T	-0.0774
rs12590792	T	0.0513
rs8012188	T	-0.0274
rs10484167	C	-0.0346
rs61740027	A	-0.0526
rs12433665	G	-0.0305
rs4509933	T	-0.0262
rs62000275	A	-0.1239
rs149566062	G	0.1048
rs75957436	A	0.0268
rs59001256	C	-0.0313
rs150623758	T	-0.1766

rs12879000	C	-0.0356
rs146927493	C	0.1116
rs7143279	G	-0.0901
rs1954196	G	0.0289
rs76929801	A	0.0737
rs2753583	A	-0.0238
rs140473266	A	0.1618
rs36039812	T	-0.0756
rs4638487	T	0.0392
rs28374587	T	-0.0434
rs12884970	C	-0.0857
rs139605498	C	-0.0868
rs143588344	G	-0.1196
rs78219991	A	0.0592
rs181484	T	0.0283
rs1190906	C	-0.0275
rs75235317	A	0.0719
rs78430208	T	0.0501
rs17524039	G	0.0676
rs10131080	C	-0.1185
rs11626728	T	-0.0389
rs113036960	C	0.0346
rs146532947	A	0.083
rs7158945	G	-0.0518
rs142438235	G	-0.128
rs202956	C	-0.0319
rs140675465	G	-0.1256
rs75956239	T	-0.0821
rs61997640	T	0.0323
rs114481767	A	0.101
rs141298582	T	0.1826
rs4902632	A	0.0318
rs8021261	C	-0.0225
rs8016044	C	-0.1367
rs8016947	T	0.0226
rs11622391	T	-0.0808
rs3742865	T	-0.0369
rs78387951	C	0.1059
rs3809403	C	-0.0239
rs8018407	T	0.0233
rs1756649	G	0.0296
rs1951867	C	-0.054
rs17114002	A	-0.1401
rs148214828	A	-0.1025
rs17176845	T	0.087
rs1954007	A	-0.0285
rs2678685	T	0.0285

rs11624681	A	0.0225
rs61479420	T	0.0291
rs7155793	C	-0.0299
rs79637165	T	-0.0851
rs8022196	A	0.0322
rs78252443	T	-0.047
rs1958574	C	-0.0686
rs145993599	C	0.1191
rs75923831	G	0.0726
rs151193961	A	-0.1098
rs10131805	G	-0.0278
rs17834941	T	0.068
rs1307775	T	0.0727
rs7158195	G	0.0227
rs74634519	A	0.1358
rs1243648	A	0.1198
rs78480954	C	0.046
rs10141995	T	-0.0602
rs4900047	A	-0.1403
rs144848069	T	-0.0939
rs7158729	T	0.0332
rs17093460	T	-0.0347
rs142493971	T	0.0748
rs11157327	T	-0.0288
rs35890032	T	-0.1398
rs35124919	G	0.0458
rs17127067	G	0.0718
rs72686904	A	0.1742
rs4982279	G	0.0272
rs113642053	G	0.0273
rs11629144	T	-0.0265
rs75666450	T	-0.0794
rs144128779	G	-0.0957
rs77112992	A	0.0919
rs8021388	G	-0.0272
rs8019477	G	0.0233
rs950136	C	-0.0314
rs1957010	C	-0.0686
rs145988452	C	0.1909
rs113277000	G	0.0978
rs112184311	C	-0.1284
rs11623996	G	0.0259
rs60700036	A	0.0295
rs149218963	T	0.0664
rs34285851	C	-0.0434
rs140291030	G	0.1359
rs117866563	T	-0.1098

rs142614806	T	-0.124
rs117264247	T	-0.1744
rs76409162	T	0.0808
rs17095704	C	-0.0424
rs8013491	A	0.0469
rs80346732	A	0.1111
rs1950192	T	0.0261
rs8012084	T	0.0532
rs74883938	T	-0.0664
rs78363642	C	0.1497
rs12890031	G	0.0422
rs7155496	C	-0.0237
rs145602442	A	-0.1494
rs138278807	A	-0.0814
rs7142118	G	0.0434
rs77282621	A	-0.101
rs4145675	G	-0.0254
rs66911379	T	0.0626
rs10135801	C	0.0266
rs77731463	C	0.0995
rs146522093	T	0.1144
rs1953557	A	0.144
rs12885035	C	0.0465
rs139795817	T	0.0881
rs1955659	T	0.0264
rs11625662	A	0.0332
rs10130196	C	-0.0291
rs12590668	C	0.0533
rs7158162	C	0.0436
rs60854116	A	0.0288
rs765998	G	0.0277
rs79200476	G	-0.0874
rs139713954	G	0.1247
rs10139588	C	-0.0693
rs2082167	G	0.0222
rs142830571	G	-0.1385
rs221495	C	-0.0268
rs111604539	T	0.0737
rs954134	G	0.0321
rs72695138	T	0.08
rs12880846	C	0.0273
rs75700151	C	-0.1034
rs74036537	G	0.0967
rs4981192	A	0.0311
rs61985536	A	-0.0533
rs71430777	C	0.0512
rs7154058	T	0.1254

rs60908740	A	-0.0408
rs848694	T	0.0256
rs4640088	A	0.0314
rs142205301	C	0.1133
rs1010116	A	0.0389
rs78640703	C	0.067
rs850658	T	0.0325
rs2498850	T	0.1638
rs8020049	C	-0.0403
rs17106500	T	-0.0494
rs11629216	G	-0.0241
rs2018404	T	-0.0417
rs75119570	A	-0.0628
rs79094433	G	0.0383
rs1899147	T	-0.0229
rs878869	G	-0.0285
rs117400020	C	-0.2135
rs113038604	T	0.0566
rs117012614	C	-0.1037
rs137858115	G	0.1576
rs12372852	G	0.0711
rs117771224	T	-0.1428
rs60162554	A	-0.1507
rs12897668	A	-0.1294
rs73299176	C	0.1003
rs117456026	G	-0.0749
rs77332352	A	-0.0815
rs77872984	T	0.1595
rs17126206	C	0.0844
rs8008113	T	0.0396
rs77404654	C	0.113
rs4983594	G	0.0576
rs7151622	A	-0.0293
rs8009219	G	-0.0433
rs11627074	G	0.0229
rs2144447	T	0.0216
rs117383972	T	0.1237
rs17781492	G	0.0236
rs12588519	C	-0.0505
rs117475533	G	0.1189
rs112295990	A	0.0941
rs11850341	C	-0.0284
rs1955830	T	-0.0504
rs75664388	G	0.0491
rs8023106	C	0.0618
rs36216226	C	-0.1408
rs56090949	A	-0.1054

rs10498478	G	0.1558
rs2269318	A	-0.0342
rs146836390	G	-0.0916
rs80028771	A	-0.0493
rs117850402	T	0.0643
rs57143238	C	-0.1234
rs117411108	A	-0.1361
rs61985936	A	0.0849
rs4904621	T	0.0325
rs17098424	A	0.0277
rs17109976	T	0.0512
rs10147034	T	-0.0233
rs1190233	G	0.0452
rs111949122	A	-0.0712
rs79594005	A	0.052
rs71420197	G	-0.0776
rs150666057	A	-0.1422
rs78819610	A	-0.0598
rs80219569	A	-0.1082
rs72721304	G	-0.0621
rs34281449	T	-0.028
rs72728157	A	-0.1509
rs698340	C	0.0226
rs177376	T	-0.0601
rs1483973	T	0.0222
rs144517891	G	0.1004
rs234210	C	0.1542
rs7158811	T	-0.0614
rs7147443	A	0.0222
rs41354245	A	0.041
rs61978208	G	-0.026
rs78724062	C	0.0885
rs146407048	A	0.1391
rs7149877	G	-0.0495
rs142577362	G	0.0724
rs7160088	A	-0.083
rs142283868	A	0.1246
rs7158863	A	0.028
rs76053977	T	0.0891
rs1986680	C	0.0268
rs58207268	C	0.0783
rs2228035	C	0.0719
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rs2223930	C	-0.0245
rs72708221	T	-0.0366
rs4243626	C	0.0289
rs74835047	T	0.1041

rs12892549	T	-0.1025
rs45438596	A	-0.1048
rs8015735	T	-0.1191
rs142031158	A	0.1051
rs11158735	T	-0.0272
rs56187520	A	-0.0555
rs10140638	T	-0.0441
rs72731570	T	0.0901
rs77786675	T	-0.0559
rs1984696	A	-0.0998
rs34046667	C	0.079
rs9788538	A	-0.0412
rs113903573	C	-0.0873
rs75608310	T	-0.13
rs149670060	C	-0.108
rs11626350	A	-0.0267
rs142084664	T	0.1009
rs12887697	G	-0.0236
rs11624440	C	-0.027
rs1286923	C	0.0221
rs35699748	A	-0.0612
rs17094950	T	-0.0804
rs59336187	A	0.0966
rs10131632	A	0.0258
rs7156613	A	-0.0396
rs111615110	G	0.1014
rs7154908	T	0.0624
rs116937169	C	0.0908
rs76379123	A	-0.0697
rs77448485	C	-0.0508
rs35194129	A	-0.0935
rs79804804	G	0.1327
rs74832004	A	0.1284
rs78614634	G	0.1364
rs78090068	C	0.0724
rs1861891	T	0.0232
rs80119298	C	0.0881
rs139112447	T	-0.078
rs17177041	T	-0.0305
rs72711948	T	-0.0499
rs4981263	C	0.049
rs72621076	C	0.0818
rs118004703	A	-0.0572
rs10133264	T	0.0257
rs11157016	A	-0.0348
rs12433020	G	-0.0276
rs61995100	T	0.0396

rs17120196	C	0.0991
rs1951102	C	0.0843
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rs113580417	T	-0.0824
rs12588061	C	0.0251
rs113724579	G	0.0571
rs146434983	C	-0.1136
rs79572735	T	-0.1077
rs7160705	A	-0.0225
rs12432262	C	0.0235
rs11851809	A	0.0578
rs111306060	C	-0.0982
rs12894060	A	0.0236
rs61989601	A	0.2157
rs76130552	C	0.0719
rs2268966	T	0.025
rs1642818	C	-0.0238
rs150834200	A	0.1922
rs12147557	A	0.0407
rs57140492	A	0.0213
rs58235798	G	-0.0335
rs56112547	G	0.0344
rs138786847	A	-0.129
rs75124592	A	-0.1293
rs75386645	A	-0.0577
rs11628905	A	0.0666
rs17758321	A	-0.0635
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rs10083438	C	0.0213
rs12889598	G	-0.0278
rs12050332	C	0.0323
rs76461812	T	-0.1643
rs57287838	C	-0.0283
rs61988407	T	0.0332
rs112330654	G	0.1161
rs9630389	A	0.0353
rs76472207	G	0.1543
rs74433719	C	0.1222
rs117962882	C	0.1278
rs234459	C	0.0234
rs3929904	C	-0.1119
rs1642850	A	-0.0969
rs61994232	T	0.0596
rs1079188	G	0.041
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rs11850420	G	-0.0377
rs3861500	G	-0.024
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rs118022133	A	-0.1065
rs74801448	T	0.0717
rs117352495	A	0.1513
rs1241925	A	-0.024
rs178240	T	-0.0304
rs74375263	G	0.0933
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rs73589794	C	0.0339
rs4983328	T	0.0213
rs1959175	C	-0.0254
rs78418505	T	-0.1535
rs1955706	G	0.1168
rs34350598	A	-0.0425
rs150930983	A	0.1198
rs12432128	G	0.0454
rs4020115	T	-0.0241
rs11850762	T	0.0664
rs12433785	A	-0.0393
rs11621053	C	-0.1067
rs17107987	A	0.0283
rs11845882	C	-0.0435
rs141989442	G	0.0827
rs41449149	T	0.0492
rs113898788	A	0.0925
rs147351968	G	0.1245
rs77009787	T	-0.1422
rs140004963	T	-0.1048
rs62004911	C	-0.04
rs147843612	T	0.0733
rs144054654	A	-0.1263
rs1279329	T	0.0219
rs117601430	A	-0.1093
rs12885749	T	-0.0258
rs76953066	G	0.1004
rs7156787	A	-0.0362

rs12891343	G	0.0254
rs1743104	A	0.0264
rs7158752	C	-0.0349
rs72714511	A	0.0968
rs76396089	A	0.0778
rs2064827	C	-0.0251
rs28455944	T	-0.0865
rs117028145	C	-0.0741
rs79354949	T	0.0697
rs74690303	G	0.0733
rs11846774	T	0.0214
rs7156281	C	0.0221
rs12894098	A	-0.0305
rs11847550	T	-0.0248
rs1947547	A	0.0357
rs35226928	A	-0.0865
rs7144502	A	-0.023
rs1275673	A	-0.0281
rs4477602	A	-0.0422
rs1189277	A	-0.0276
rs8013771	T	-0.0513
rs7151275	T	-0.0287
rs7148715	A	0.0219
rs7160324	G	0.0233
rs111814228	T	0.0552
rs80134415	T	-0.0914
rs72726568	C	-0.0993
rs11622382	G	-0.0294
rs7147556	C	0.022
rs78877835	A	0.0466
rs35601515	A	-0.0241
rs118118089	G	0.1038
rs78546897	C	0.0877
rs2019982	C	-0.0211
rs1004783	G	-0.0241
rs28624607	A	0.0307
rs2597088	C	0.0239
rs113949119	T	-0.1488
rs55952371	G	-0.061
rs7140271	C	-0.0529
rs61994479	C	-0.0441
rs79730092	G	-0.0909
rs73318174	C	0.0436
rs76788920	C	0.1756
rs56282300	A	0.0373
rs72690783	G	0.0758
rs1964126	G	-0.0255

rs75828197	T	0.0527
rs118102316	T	-0.1141
rs34159642	A	-0.1513
rs60526338	G	0.0383
rs114482890	T	0.071
rs150911667	A	-0.0506
rs149205218	T	0.1097
rs113322050	C	-0.1033
rs72714688	G	0.0609
rs10149047	T	-0.0279
rs61510935	T	-0.0432
rs12147615	A	-0.0293
rs910313	G	-0.0357
rs10136540	A	0.0792
rs4901032	A	0.0232
rs11851397	A	0.1332
rs76322263	A	0.0683
rs149877400	T	-0.1197
rs162665	A	0.0251
rs7143236	T	-0.0286
rs10498619	C	-0.0216
rs983449	A	0.0371
rs17539349	C	-0.0533
rs17836172	A	-0.0458
rs116854045	A	0.0926
rs79119698	A	-0.1508
rs10138873	T	-0.0311
rs61996771	C	0.0495
rs79199571	A	0.1177
rs17102161	A	0.0419
rs1286252	C	-0.023
rs2999392	C	-0.0233
rs56105039	T	-0.1331
rs72696281	T	0.0548
rs11851060	T	-0.1427
rs150699482	T	-0.1574
rs8007719	C	0.0229
rs11625868	G	-0.0686
rs9322925	C	0.0279
rs116906529	T	-0.1254
rs116861132	A	-0.0849
rs75536656	G	-0.0794
rs61977797	T	0.0362
rs6572634	A	0.021
rs150497706	C	0.0585
rs8018399	C	0.0209
rs76573423	T	0.0632

rs17782603	T	-0.0211
rs78581799	C	0.1013
rs148772904	T	0.0493
rs62011950	A	-0.118
rs75883966	G	0.1224
rs3007060	A	-0.0241
rs76100765	C	-0.0716
rs77950414	G	-0.0479
rs73249226	T	0.0905
rs7141922	T	0.0422
rs17127183	A	0.0604
rs75342409	C	0.0712
rs151029527	C	0.1313
rs117325869	T	-0.1029
rs1779573	T	-0.1097
rs113065532	T	0.048
rs17103235	C	-0.0466
rs62013168	A	-0.0628
rs911667	T	0.0225
rs76593307	G	0.1138
rs12147915	T	0.1892
rs1950871	G	0.0334
rs118154817	G	0.1846
rs1274940	C	-0.022
rs1157500	A	-0.0226
rs8015630	G	-0.0758
rs62016732	T	0.0876
rs10431720	G	-0.0424
rs76424179	T	-0.0305
rs3742766	A	0.0497
rs111726657	G	0.0929
rs72687504	A	-0.0682
rs141157749	T	-0.1601
rs944400	A	0.0998
rs79735023	G	0.1934
rs80284222	C	0.1609
rs55913719	A	-0.0963
rs77305991	T	0.1341
rs34410418	A	0.0876
rs1287612	C	-0.0322
rs139426168	A	0.0934
rs2623139	T	-0.0246
rs1078053	C	0.0251
rs8018887	C	-0.041
rs12892249	A	0.0331
rs10138779	G	0.0746
rs72706331	A	0.0851

rs76568600	T	-0.0798
rs72683476	A	0.0333
rs8021858	A	0.0212
rs17795034	A	-0.0304
rs117608947	C	-0.0479
rs12884979	C	-0.0312
rs1950287	G	-0.0254
rs56912715	C	-0.0623
rs10498597	A	-0.1224
rs11621152	G	0.1229
rs138434930	A	0.1214
rs10498525	G	0.0313
rs145948245	C	0.1386
rs142781154	G	-0.1161
rs77556983	G	0.0524
rs74400971	T	0.0914
rs80048337	A	0.1369
rs112077530	C	-0.1001
rs72704737	G	-0.0279
rs762088	G	-0.1207
rs12879395	A	0.0379
rs148140473	T	-0.0899
rs461991	C	-0.0342
rs1041076	A	-0.0295
rs148047381	T	-0.0723
rs8018146	G	-0.0215
rs72662297	A	-0.0889
rs243293	T	0.0719
rs7161208	G	0.1333
rs17536192	A	0.0288
rs77183091	A	0.1019
rs11625724	T	0.0332
rs116980300	G	-0.0501
rs11627025	T	-0.0481
rs138650350	T	0.128
rs68157336	A	-0.1002
rs61995189	G	-0.0888
rs80116223	A	0.1312
rs17406568	A	0.0296
rs10142087	C	0.0479
rs72678497	T	-0.0425
rs7143462	G	-0.0376
rs10133102	A	0.0219
rs17735026	A	0.0414
rs12896077	T	0.0245
rs12886144	A	0.0342
rs2402386	T	-0.0213

rs11628908	T	0.087
rs12434899	A	-0.0398
rs7492591	T	-0.0439
rs116885841	C	-0.088
rs710017	C	0.0358
rs55657336	T	-0.0575
rs4906264	T	-0.0277
rs8004365	C	-0.023
rs17768871	T	0.0389
rs3784013	G	0.0628
rs61990854	C	0.0227
rs61975797	G	0.1508
rs58670065	T	0.054
rs2297889	A	0.0232
rs55692400	T	0.0782
rs113707054	G	-0.0858
rs34639031	C	0.0389
rs34948528	A	-0.1183
rs2525504	G	0.0235
rs7148556	T	0.0248
rs117194101	C	0.1009
rs10498299	A	0.0321
rs2214650	A	-0.0311
rs56323605	G	-0.1468
rs951136	T	0.0227
rs10483817	T	0.0233
rs113728897	C	0.0261
rs2044747	A	0.0239
rs10151225	C	0.0209
rs10140024	C	-0.0224
rs76368463	G	-0.1108
rs234604	T	0.0311
rs1270493	A	-0.0459
rs61993167	G	-0.0933
rs111753241	G	0.0862
rs8013501	C	0.1452
rs72682621	G	-0.1432
rs72703634	C	0.0269
rs75541050	C	-0.0588
rs76857975	T	0.0522
rs17101871	C	-0.0419
rs1713439	C	0.0235
rs77047163	T	0.0575
rs113404990	T	0.0758
rs113402958	T	-0.0639
rs12893068	A	-0.0986
rs12589327	A	-0.0279

rs11160753	C	-0.0278
rs10484012	C	0.0235
rs72675277	C	-0.0733
rs139582922	A	0.0882
rs61991466	A	0.1146
rs2899924	A	-0.0258
rs8021453	C	0.1206
rs7150655	A	-0.025
rs72723170	T	-0.1564
rs113907248	C	-0.0717
rs145843200	T	0.0985
rs10873219	T	-0.0258
rs11625574	C	0.0291
rs71423308	T	-0.0812
rs77795135	T	-0.0608
rs2581481	A	-0.0412
rs76188331	G	0.0752
rs80184878	G	0.0697
rs79586898	T	-0.0687
rs11845203	G	0.0242
rs76894183	A	0.046
rs75335391	C	-0.0337
rs9635188	T	-0.0489
rs148431892	G	-0.1047
rs117096840	T	-0.0393
rs112427418	C	0.0915
rs59635880	G	0.0265
rs10143240	C	-0.0305
rs76566760	T	-0.0733
rs1955466	G	-0.0214
rs141920257	T	-0.0799
rs17100062	T	-0.0543
rs10483871	C	0.0273
rs4983557	A	-0.0454
rs17490717	C	0.0717
rs17638977	C	-0.1324
rs11624792	C	-0.0305
rs59978510	C	0.1568
rs17211005	G	0.0404
rs1152363	C	-0.0243
rs12881660	G	-0.0307
rs17880290	A	0.0752
rs142011758	G	-0.0884
rs72622488	A	0.0424
rs76263849	T	0.0985
rs75839839	T	0.1181
rs62000232	T	-0.0664

rs151070217	T	-0.1163
rs11848088	T	0.0232
rs10141961	G	0.0222
rs76694417	C	-0.0469
rs72718568	A	-0.0371
rs72731627	C	-0.0449
rs59465322	T	0.0449
rs10143053	T	0.0267
rs17768792	T	0.1318
rs142702908	T	-0.1154
rs10134003	C	0.0859
rs1315126	T	0.0311
rs80200240	T	-0.0518
rs59499462	T	-0.0922
rs1074529	A	-0.0769
rs740079	G	0.0536
rs4128810	G	-0.029
rs13379090	A	0.0478
rs118144727	A	-0.1047
rs118084410	T	0.1232
rs34200637	G	0.1124
rs67791045	C	0.0268
rs2158992	T	-0.032
rs78669973	C	-0.0681
rs150629946	G	0.1009
rs79103623	T	-0.0328
rs62011007	A	-0.0535
rs115520044	A	0.1206
rs1951154	A	0.0221
rs62000274	G	0.0996
rs147529355	T	-0.1652
rs74045909	A	0.0415
rs10148180	G	0.0506
rs139618329	A	0.1177
rs78818922	T	0.0453
rs2296316	C	0.0204
rs1290434	A	0.0321
rs86990	A	0.0255
rs72696206	G	-0.1012
rs77749492	T	0.0566
rs12887821	G	0.0247
rs61974972	A	0.0744
rs8010115	T	-0.0412
rs61981301	A	-0.1683
rs1212911	T	-0.0236
rs17105913	C	-0.1169
rs2191457	C	0.0354

rs11159448	A	-0.0322
rs12884697	G	-0.0324
rs72691230	T	-0.1883
rs116852819	T	-0.0699
rs12435536	C	0.0249
rs61995819	G	0.1054
rs2019010	C	-0.0301
rs2283382	A	-0.0226
rs980470	C	0.0206
rs11157573	C	0.0306
rs117366759	G	0.0738
rs7161376	C	0.0317
rs61977368	A	0.0707
rs1951348	G	-0.0223
rs9652325	T	0.0364
rs74739931	A	-0.161
rs2781368	A	0.0408
rs4900639	C	0.0214
rs8022222	T	0.0857
rs4983526	T	-0.0518
rs149957462	G	0.0957
rs11621217	C	-0.0549
rs112177224	T	0.0309
rs77978534	T	0.05
rs17547382	T	0.0233
rs118000931	A	-0.0485
rs117155530	A	-0.0989
rs1244373	C	0.0262
rs10129218	C	0.1055
rs10083401	T	-0.0354
rs150408228	G	0.1554
rs117068664	C	0.1263
rs1481371	A	-0.0338
rs111948865	A	-0.0632
rs113310617	A	-0.1156
rs72693586	A	0.0491
rs8007093	T	-0.0973
rs55726184	A	0.0809
rs1951994	A	0.0216
rs117994841	T	0.0945
rs113863816	C	-0.1111
rs8006882	T	0.0302
rs75437599	A	0.0629
rs12432274	A	-0.0551
rs117487501	C	0.1318
rs57205792	C	-0.1347
rs117143783	A	-0.0741

rs117901086	C	0.08
rs79221224	C	0.0892
rs117885496	G	0.1146
rs1953242	A	0.03
rs72698727	T	0.0281
rs4453407	A	0.0853
rs57111096	T	-0.0252
rs11847635	A	0.0535
rs10483263	C	-0.0382
rs8022102	T	0.0859
rs116842636	T	-0.1367
rs1257493	T	0.0224
rs1958918	C	-0.0218
rs72729948	A	-0.0458
rs11844999	T	0.0339
rs61989787	C	0.0746
rs111795528	A	0.0938
rs117401073	G	-0.05
rs72681130	A	-0.091
rs74883275	G	-0.0612
rs61977514	C	0.1059
rs2268457	T	-0.0229
rs75493035	C	0.1047
rs11622665	G	0.0258
rs117735871	A	-0.1121
rs74566408	A	0.117
rs117807673	T	0.0705
rs72694825	G	-0.127
rs144223759	G	0.1171
rs77673799	G	-0.0962
rs2332486	C	-0.0349
rs117445837	A	0.0798
rs117837801	A	0.0421
rs140708216	A	-0.108
rs12147119	G	-0.0288
rs117160086	T	-0.1193
rs17108417	G	-0.0718
rs17829192	C	0.0342
rs34353715	A	-0.1046
rs1956834	T	-0.0241
rs17124948	T	-0.0935
rs75523540	T	-0.0989
rs117268667	T	-0.1005
rs75229360	T	-0.0868
rs17109827	G	0.0316
rs57544429	G	0.0552
rs113163438	T	0.0947

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rs140814516	G	0.0775
rs6575857	T	-0.0229
rs76399500	G	0.1274
rs2809139	C	0.0304
rs74624686	G	-0.0587
rs57136326	T	0.0232
rs2526901	A	-0.0256
rs140826095	A	-0.1281
rs149220838	A	0.1875
rs59831177	T	0.0529
rs117633944	T	-0.1009
rs2403199	A	0.0647
rs28676300	A	-0.0223
rs117995989	T	-0.1327
rs1956121	C	0.0402
rs77767201	A	-0.1179
rs57934221	A	0.0648
rs80007698	G	-0.1006
rs138694634	T	0.1462
rs79857297	G	-0.0261
rs2888428	C	-0.0274
rs1956378	G	-0.0221
rs61990269	G	0.0714
rs80315836	G	-0.1192
rs1273780	A	-0.032
rs1285865	G	-0.0243
rs1077412	G	-0.0282
rs12050130	G	0.0238
rs34446045	G	-0.0816
rs77982977	G	-0.1423
rs78570253	T	0.0408
rs116441328	G	-0.049
rs6571608	G	-0.0203
rs12885400	C	-0.0715
rs1189898	T	0.0213
rs148044116	C	0.1352
rs66475326	A	-0.0381
rs77371629	A	-0.0534
rs11845760	A	-0.0241
rs12590041	T	0.0289
rs141826946	C	0.0885
rs111834907	G	-0.1147
rs1168415	T	-0.062
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rs61997090	T	0.1001
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rs1198013	T	0.0419
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rs797358	A	0.1049
rs34891424	C	0.0344
rs10444758	C	-0.0431
rs8011329	A	-0.0233
rs12884802	A	0.0222
rs11621975	G	-0.0343
rs7157195	T	0.0234
rs117896222	G	0.1079
rs8022871	G	-0.0241
rs140715733	T	0.1462
rs61979113	C	0.0464
rs73257280	A	0.0385
rs4902761	G	-0.023
rs17127562	C	0.0363
rs72718361	G	-0.1135
rs117573691	T	0.1125
rs112458724	C	0.0919
rs112781456	G	0.0568
rs58015510	A	-0.0309
rs113665990	A	-0.0646
rs117451562	G	0.0968
rs2689102	G	0.0233
rs116919479	T	0.1351
rs72701829	T	0.0707
rs75208350	T	0.0954
rs78604214	A	0.1547
rs117477396	A	-0.081
rs4905804	G	0.0247
rs1253035	G	0.0321
rs117690013	A	0.1163
rs7146871	C	-0.0283
rs78163128	G	0.1194
rs74887377	G	0.0915
rs61976928	T	0.0228
rs117820569	A	0.0923
rs56049650	A	-0.0791
rs857232	A	0.0237
rs76972373	A	-0.1494
rs2810046	A	0.0204
rs10150794	G	-0.0208
rs8019056	A	0.0206
rs1679806	G	0.0204

rs17102318	G	-0.043
rs61976287	T	-0.0201
rs4903750	A	-0.0209
rs150047653	G	-0.143
rs10135311	G	0.0209
rs7148746	A	0.101
rs4322571	G	-0.0238
rs61991057	G	-0.0475
rs4904947	T	0.029
rs147192758	G	-0.1195
rs118155603	T	0.0535
rs7155641	G	0.025
rs17767761	T	-0.0571
rs3813539	A	-0.0291
rs34744336	A	0.0235
rs75641217	A	0.035
rs1115700	A	-0.022
rs4905108	A	-0.0204
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rs72675112	C	-0.0402
rs112000147	C	0.0693
rs61977106	C	0.1111
rs2781411	G	0.0263
rs36018089	T	-0.1061
rs210330	C	-0.0207
rs112639827	G	-0.0421
rs10142601	G	0.0303
rs112816377	A	-0.1195
rs58422914	C	-0.042
rs1188540	C	-0.0529
rs17749780	A	0.0629
rs141293055	T	-0.1489
rs1951440	T	-0.0229
rs150481219	A	0.135
rs1890712	C	0.1255
rs56074521	T	-0.0574
rs117826491	T	-0.0725
rs116950095	G	-0.1161
rs17090693	C	-0.0226
rs35550467	T	0.1095
rs8013614	C	-0.03
rs7141947	A	-0.0665
rs10143243	T	-0.0404
rs72674036	T	-0.031
rs55679280	G	-0.0325
rs12887287	G	-0.0255
rs114272008	C	-0.0522

rs74727144	C	0.0555
rs67194929	C	0.0206
rs72670596	A	-0.0573
rs8020826	T	0.08
rs61989869	C	0.1074
rs117665195	T	-0.0797
rs11622845	T	-0.0629
rs61040989	A	-0.0446
rs73353099	T	-0.1278
rs78545497	G	0.0666
rs12589699	G	0.0281
rs78399965	C	-0.077
rs117670996	A	0.0677
rs76700354	A	-0.0646
rs12437222	G	0.0492
rs1243082	T	-0.0391
rs61985889	A	0.0229
rs7155435	C	-0.0234
rs10782382	A	-0.0321
rs4901109	T	0.0591
rs116968611	A	-0.0701
rs7145539	A	-0.0252
rs1713457	G	0.0839
rs72675544	A	-0.1186
rs12147813	C	-0.0988
rs146200258	C	-0.0877
rs17092459	C	-0.0301
rs146067227	G	0.1209
rs36030742	T	-0.0516
rs118033797	T	-0.1012
rs1958912	G	0.02
rs2152283	C	-0.039
rs1956120	C	-0.0284
rs117458929	C	0.0358
rs1642815	C	-0.0396
rs2888445	A	0.0222
rs60847032	T	0.0252
rs8010537	T	-0.0285
rs28469591	A	-0.0215
rs72693770	T	-0.0337
rs116928719	A	-0.0866
rs45487099	A	0.0884
rs1505172	T	0.0228
rs17689900	T	0.0723
rs8004273	A	0.0262
rs1953743	C	-0.0202
rs4904574	A	0.0215

rs117200339	A	0.0494
rs66902607	T	-0.0267
rs116923063	G	0.0892
rs72671534	T	-0.0276
rs118154399	T	-0.0856
rs12437032	T	-0.0248
rs61984394	C	-0.0383
rs2295139	C	0.0279
rs75446124	A	-0.0413
rs999165	A	-0.0411
rs28831511	T	0.0946
rs74733659	T	0.0563
rs3742837	C	-0.0286
rs7150108	G	-0.039
rs149455924	C	-0.117
rs17104428	G	0.0954
rs1957693	T	0.0229
rs229275	A	0.0202
rs12588256	T	-0.0336
rs146061004	G	0.0749
rs56296306	T	-0.0892
rs4902887	C	-0.0825
rs76818375	G	-0.1801
rs58361653	T	0.1376
rs117291421	T	0.1109
rs145966731	G	0.0779
rs1285795	C	0.1063
rs8022130	C	0.0279
rs77095136	T	-0.0871
rs8019892	C	0.0208
rs2370876	G	-0.0532
rs138414965	A	-0.1593
rs12587228	T	-0.0561
rs2402444	G	0.0292
rs141001108	T	0.0741
rs59808119	C	0.0644
rs2064834	G	0.0208
rs1056436	T	0.023
rs12897986	A	-0.0347
rs9707463	T	0.0384
rs144592639	T	-0.0402
rs11624675	C	0.02
rs10140306	C	-0.0223
rs36032061	C	0.0211
rs17734780	T	-0.1347
rs17764944	A	-0.0274
rs7156553	C	0.0252

rs79854568	T	0.1071
rs116973817	C	0.0948
rs1877044	T	0.0215
rs116874037	G	0.0899
rs7140229	C	-0.0198
rs7150477	A	0.0209
rs36568	T	0.0653
rs2487507	T	-0.0266
rs9671481	T	0.0272
rs1257906	A	0.0238
rs9788560	C	-0.0851
rs61995264	C	-0.0658
rs12147560	C	-0.0345
rs111991693	A	0.0433
rs7146165	T	0.0787
rs116867817	C	0.1033
rs946615	T	-0.0221
rs6574091	T	0.1298
rs61731179	A	-0.0511
rs60477777	G	0.0321
rs116561324	A	0.0753
rs117233354	T	-0.0646
rs78261908	T	0.1689
rs117258586	G	0.0764
rs945044	A	-0.0204
rs1953740	G	-0.0204
rs9322973	A	0.0564
rs11626043	T	0.042
rs55727535	C	0.0634
rs149905118	G	-0.0868
rs144366176	G	-0.087
rs118074233	C	-0.1467
rs145698831	T	-0.0704
rs2372467	A	0.059
rs147471231	A	0.0687
rs117829294	G	-0.1399
rs151288446	T	-0.0613
rs112491618	G	-0.0954
rs28599651	C	-0.0674
rs2038607	G	-0.0239
rs61151703	T	-0.12
rs12147270	G	-0.0916
rs78071882	T	-0.0367
rs35773034	T	0.0255
rs72697701	G	0.0487
rs57395461	C	-0.0571
rs72731608	C	-0.0378

rs150768478	T	-0.136
rs10131708	C	-0.0807
rs114599330	C	0.0201
rs17125074	G	-0.0274
rs1547763	T	-0.0229
rs117117282	G	0.0846
rs72705664	A	-0.1061
rs117969390	T	-0.1501
rs56012312	T	-0.0202
rs1245795	A	-0.0195
rs144920096	G	-0.1047
rs12878367	A	0.0298
rs145906171	T	-0.1138
rs150625191	T	-0.0631
rs67758626	T	0.0291
rs35119082	T	0.0555
rs117790240	T	-0.0364
rs77540044	C	-0.0788
rs117353870	T	-0.0734
rs73242919	T	0.0788
rs28700923	T	0.0588
rs8021126	G	-0.0358
rs11629005	C	-0.0244
rs145499137	A	-0.0758
rs11849353	C	-0.0375
rs72691862	A	-0.0751
rs56168984	A	0.0207
rs8005270	G	0.0198
rs116966304	A	-0.0923
rs72668468	C	-0.0262
rs11156924	T	0.0361
rs12897166	G	-0.0255
rs8022629	T	-0.1098
rs66883325	C	0.0561
rs72685835	T	0.1268
rs1952512	A	-0.0336
rs12879859	G	-0.0246
rs149101379	T	-0.0369
rs2318309	G	-0.028
rs111560148	A	0.18
rs149977700	A	-0.1052
rs4981361	C	0.0275
rs112594490	T	0.0794
rs2474033	C	-0.0706
rs4981221	G	0.0469
rs4903163	T	-0.0289
rs1652042	C	-0.0483

rs139896908	G	0.0839
rs2288496	C	-0.0203
rs4900075	C	0.0226
rs10137824	G	-0.0204
rs76783188	T	-0.107
rs116964338	T	-0.1448
rs10137953	C	-0.0222
rs117344138	A	-0.0827
rs10133059	T	-0.0268
rs7147410	G	0.0452
rs8020608	C	-0.0433
rs10148988	G	-0.0369
rs75081808	T	-0.0558
rs56220001	G	0.0251
rs11628416	C	0.1242
rs78626856	T	0.1037
rs17126347	G	0.1014
rs4902814	T	-0.0218
rs10147560	T	-0.0235
rs11623564	C	-0.0215
rs1041171	C	-0.0242
rs4243749	C	0.0224
rs6572351	T	0.0201
rs74832512	T	-0.1181
rs12431782	A	-0.0519
rs118098341	A	0.1452
rs78371621	A	-0.1048
rs8009802	A	-0.0424
rs6574123	T	0.0223
rs4902762	A	0.0268
rs146986741	T	-0.0527
rs10145644	A	-0.0201
rs748686	G	-0.0202
rs970338	A	-0.0313
rs2999378	C	0.0255
rs4900086	A	-0.0832
rs60204120	T	0.0302
rs8013398	T	-0.0351
rs117513489	C	-0.0597
rs56187455	T	0.0669
rs966835	G	0.0355
rs10133560	A	-0.0318
rs76816178	A	-0.0517
rs79049461	C	0.0334
rs139367592	A	-0.1599
rs138596295	A	-0.0784
rs10483379	A	0.0199

rs80288607	C	-0.1688
rs72691982	T	-0.0773
rs12323884	A	0.0262
rs10150620	T	0.0255
rs4983245	T	-0.0237
rs79840378	T	-0.0647
rs7159017	T	-0.0295
rs78918116	A	0.1479
rs149431929	T	-0.0817
rs71416838	C	-0.0724
rs8004059	G	0.0206
rs78794323	C	-0.112
rs8022854	T	0.0839
rs76743110	C	-0.0447
rs149974946	T	-0.1021
rs73344440	T	-0.0693
rs117032121	T	-0.093
rs4902420	G	-0.0265
rs7142990	G	0.0239
rs116969260	C	-0.1303
rs12147391	G	-0.0787
rs2356899	T	0.0261
rs9671290	G	-0.0765
rs11629174	C	-0.0221
rs146961728	C	0.0669
rs1953419	G	-0.0599
rs116866636	A	0.0926
rs74326053	A	0.1104
rs11623927	T	-0.0382
rs17111211	C	0.1099
rs74398227	G	-0.0341
rs12147200	A	-0.0789
rs11156825	A	0.0203
rs221478	A	0.0854
rs144160338	G	0.0329
rs7150327	C	0.0235
rs118076352	C	0.0816
rs36052232	G	-0.0802
rs56308217	T	0.0462
rs77631082	A	-0.0643
rs72692728	A	-0.0283
rs12434113	T	-0.0321
rs75286392	C	0.0634
rs3861633	C	-0.0192
rs1940561	A	0.0208
rs142831477	T	0.1335
rs10137199	T	-0.0738

rs117896354	A	-0.0325
rs75420242	A	-0.0992
rs79875973	C	-0.1288
rs66463003	G	0.0336
rs118098365	T	0.138
rs11846949	T	-0.0376
rs12895543	C	0.0282
rs8005630	A	0.0203
rs145511238	C	0.106
rs7161588	T	0.0384
rs146341380	A	0.1213
rs11156764	A	0.02
rs4898785	T	-0.02
rs142057183	T	-0.0971
rs1353373	T	0.0218
rs1743081	A	-0.0198
rs1188554	C	0.0416
rs34785007	A	0.0307
rs3811322	T	0.0207
rs11621972	G	0.0201
rs58784678	G	0.0934
rs222623	T	0.0199
rs12436340	G	-0.0489
rs113137338	G	-0.1398
rs198234	T	0.0213
rs4982766	G	-0.0225
rs12887880	A	0.0537
rs75520792	G	0.079
rs1629937	G	0.0843
rs75570983	G	-0.0622
rs4905476	A	0.0187
rs28610956	C	0.0409
rs17124300	C	-0.1286
rs11847575	A	0.0269
rs72704287	T	-0.0483
rs117872215	A	-0.083
rs1186307	G	-0.0258
rs117948256	T	-0.088
rs111516386	T	-0.0976
rs117683031	T	0.069
rs142525054	A	-0.0392
rs2145566	C	0.0225
rs12435618	A	0.0998
rs74056688	G	0.0471
rs10141201	A	-0.0349
rs72695421	A	0.0601
rs7158842	C	0.0233

rs139820996	A	0.1202
rs117948490	G	-0.0642
rs72726132	G	-0.0249
rs117798801	A	-0.0897
rs118136970	C	0.0638
rs138083547	C	-0.0958
rs7149931	C	0.02
rs17212065	G	0.0358
rs8011662	T	-0.0193
rs7147471	G	-0.0198
rs8013375	T	0.0224
rs11160230	A	-0.029
rs61983840	T	-0.0905
rs59807660	A	-0.039
rs712453	T	-0.0189
rs8010777	C	-0.0187
rs998520	T	0.0312
rs72673826	T	0.0553
rs7141372	A	0.0659
rs117652755	C	0.1263
rs2980896	C	-0.0262
rs872810	C	-0.0313
rs7152250	A	-0.0198
rs17525100	G	0.0699
rs72727904	G	0.0894
rs76905609	T	-0.0577
rs4077520	G	0.0257
rs7154010	G	0.0247
rs78883868	C	0.0454
rs72701283	C	0.025
rs72671112	T	0.0226
rs117990873	G	-0.1495
rs111524420	A	-0.0606
rs61976379	A	-0.1133
rs139619550	C	-0.1837
rs7158302	C	0.0308
rs1769577	T	0.0352
rs145236816	G	-0.1303
rs1951228	G	-0.0229
rs10138622	G	0.0583
rs75977510	T	0.065
rs12434466	G	-0.0671
rs7151919	G	-0.0292
rs10146865	A	-0.0188
rs74052987	A	-0.078
rs730959	A	-0.0236
rs7145904	G	0.0342

rs71415968	C	-0.0623
rs61998479	G	-0.0398
rs35675176	A	-0.1152
rs75141892	T	0.1158
rs11627462	T	0.0637
rs11157080	T	-0.0217
rs12435428	T	-0.0365
rs117853183	T	-0.063
rs79515159	A	-0.1254
rs6572159	A	0.0184
rs78674989	T	-0.0742
rs75273705	A	-0.0974
rs1959040	T	-0.019
rs12897991	T	-0.0304
rs2182472	T	0.019
rs4640110	G	0.0212
rs10144770	C	0.0451
rs113235271	C	-0.0721
rs9323006	C	0.0194
rs996164	C	0.0228
rs8008744	C	0.0386
rs59043659	G	-0.0187
rs143827489	C	-0.1378
rs117420118	G	-0.1037
rs229674	C	-0.0197
rs75913581	A	0.0238
rs78500358	C	0.0699
rs12896914	A	-0.0553
rs2205210	C	0.03
rs12889969	C	0.0247
rs80016229	C	0.0494
rs17733808	G	0.0605
rs8019152	A	-0.0316
rs75980157	C	-0.1041
rs4906424	G	0.0302
rs802994	C	-0.0427
rs79538407	T	-0.0838
rs12888839	T	-0.091
rs4902750	A	0.0253
rs7155939	T	0.041
rs56150943	G	-0.0516
rs7154602	C	-0.0193
rs79877046	T	-0.0515
rs72723171	C	0.029
rs117728278	T	0.0918
rs76452646	T	0.0955
rs112693453	C	0.0318

rs17663972	G	-0.0511
rs7160403	A	-0.0304
rs117641411	A	-0.1282
rs146351794	G	0.0461
rs17104357	T	-0.0296
rs17183663	A	-0.0266
rs12888531	C	0.042
rs17182244	G	0.0503
rs111675057	T	0.0835
rs8021814	C	0.0192
rs4483776	A	0.0202
rs4981284	C	-0.0216
rs7156531	G	0.0451
rs75591345	T	0.0404
rs8011016	C	0.0261
rs4290394	T	-0.1051
rs8018259	T	-0.0198
rs12895361	C	0.0872
rs12436717	A	0.055
rs8003382	A	0.0185
rs57672161	T	-0.0918
rs72700088	A	-0.0208
rs3177954	C	0.0262
rs10146082	C	-0.0258
rs61741592	T	-0.0585
rs74621980	G	-0.0743
rs117295650	T	0.1314
rs7158966	A	-0.0222
rs12431623	C	-0.082
rs35654973	C	-0.045
rs12148043	A	-0.0256
rs11626736	A	-0.0308
rs72666610	A	0.0736
rs17125437	T	0.0406
rs6572755	A	0.0298
rs17091106	A	-0.0717
rs17100088	G	-0.0228
rs1950932	G	0.0454
rs150587356	A	0.0592
rs118155288	T	0.0719
rs8022970	A	0.0279
rs75669501	A	0.0371
rs117614371	T	-0.0677
rs10873406	G	0.0203
rs79714671	G	0.097
rs10150038	C	0.0198
rs7154769	A	-0.0226

rs1187588	T	0.02
rs75692904	T	0.0261
rs79120919	A	-0.05
rs145534264	G	0.111
rs117871982	T	0.0906
rs12887179	A	0.1013
rs11629199	T	-0.0363
rs7155507	A	0.0229
rs1243533	G	-0.0344
rs56024142	G	0.0706
rs113563077	T	-0.0903
rs1189840	T	0.043
rs111409915	C	-0.0789
rs139811449	T	-0.0661
rs10147495	C	0.0486
rs1956681	T	-0.0816
rs2057202	T	-0.0374
rs117446958	G	-0.0639
rs55900327	C	-0.0744
rs35812904	A	-0.0612
rs143297238	G	-0.1648
rs143212488	A	-0.1086
rs8013710	A	0.05
rs75258294	T	0.0613
rs1837681	C	-0.0216
rs17097017	G	-0.028
rs11844393	C	-0.0197
rs79152574	C	0.0643
rs7158128	G	-0.0252
rs71417962	G	-0.0332
rs116895642	A	-0.0472
rs4144131	C	0.0294
rs10140234	A	-0.0229
rs72664397	C	0.0739
rs75916761	G	0.1227
rs17096015	C	-0.0237
rs138662949	C	-0.1694
rs76107923	G	0.1339
rs116127575	C	0.0944
rs1799722	T	-0.0246
rs1950443	A	0.0294
rs75376331	T	-0.0703
rs149481082	C	-0.1292
rs77196095	A	0.1163
rs79168741	G	-0.0573
rs17753165	G	-0.0307
rs8013100	G	0.1199

rs4620897	C	0.1084
rs17199275	G	-0.0286
rs72667969	T	0.0594
rs117014045	T	-0.0754
rs7143039	A	0.0199
rs74692030	A	-0.0293
rs1955627	C	-0.0222
rs2060608	G	0.0301
rs111291850	T	0.0346
rs2055590	G	-0.0897
rs11849716	C	0.091
rs117110180	G	0.0943
rs35981069	G	-0.0283
rs17753771	A	0.0988
rs72680794	T	-0.1133
rs76869700	G	0.0883
rs10141340	G	-0.0367
rs10142971	C	0.0398
rs8013347	G	0.0262
rs35701421	T	-0.1117
rs61973036	T	-0.0374
rs150196590	C	0.0816
rs117461044	T	0.0486
rs61986645	G	-0.0422
rs117836338	C	-0.0744
rs7159562	A	0.0658
rs79158928	C	0.1274
rs144566311	C	-0.1173
rs67762931	T	-0.0222
rs141756261	G	-0.1328
rs1151579	A	0.0231
rs9323631	T	0.0209
rs7140570	A	-0.0195
rs17118130	A	-0.0437
rs143550404	C	-0.055
rs117363257	T	0.0497
rs2022816	T	0.0242
rs113186904	A	0.0472
rs117731062	C	0.1037
rs74715482	A	-0.0967
rs117891377	A	0.0679
rs116918623	T	0.0968
rs1483111	G	-0.0193
rs74061506	A	0.0477
rs61982361	C	0.1218
rs74881682	G	0.0962
rs79967911	G	-0.0411

rs17101006	T	0.0377
rs73283214	G	0.0411
rs61988355	C	-0.0291
rs60410550	T	0.0378
rs79419206	A	0.0622
rs1189037	A	0.0279
rs138499039	C	0.1125
rs12886690	C	-0.0254
rs76341008	A	0.0564
rs117709154	G	-0.1317
rs17812819	C	0.0833
rs61401709	A	0.1136
rs77193664	G	-0.0724
rs117281113	T	-0.1276
rs11621953	T	0.0322
rs724701	G	-0.0212
rs72697180	T	0.0958
rs2400463	C	-0.0317
rs75208264	T	-0.0873
rs8003811	C	0.0183
rs4900510	A	-0.0531
rs1953200	A	-0.0182
rs7154507	T	-0.0805
rs10130058	A	0.0471
rs12323658	G	-0.0203
rs7141800	T	0.0238
rs148815501	T	0.1448
rs77209041	G	-0.0794
rs12431756	A	0.0557
rs1030975	A	-0.0274
rs77287122	T	-0.049
rs78819700	C	-0.0579
rs61978458	G	0.0638
rs75801226	A	0.0779
rs72645010	T	-0.0661
rs7154586	A	-0.0235
rs28833814	G	0.1391
rs35205405	G	-0.0225
rs7151602	C	0.1235
rs1950993	T	0.0196
rs116976182	A	-0.0377
rs4901069	A	-0.0179
rs28477819	A	-0.0226
rs12881247	A	-0.0184
rs74449691	A	-0.0642
rs799103	C	-0.0232
rs194721	C	0.0227

rs58530709	T	-0.0333
rs113001304	A	0.0365
rs10132905	T	-0.0181
rs72725310	C	0.0198
rs17100147	T	0.0422
rs75628381	C	0.1012
rs77366373	G	-0.0302
rs8006359	C	0.0215
rs76637178	T	0.0298
rs78176387	A	0.0846
rs143156303	C	0.1082
rs1278914	T	0.0384
rs12147576	T	-0.0374
rs74643431	T	-0.0296
rs61990496	A	0.0848
rs117654028	G	-0.1452
rs77206508	T	-0.0939
rs72696782	T	0.1217
rs8021321	T	-0.1312
rs10131337	T	-0.023
rs10498644	C	0.0502
rs78259873	C	-0.0941
rs79983810	T	0.0244
rs966918	A	-0.0183
rs34342663	C	0.0242
rs10132534	T	0.0295
rs78639510	T	0.0614
rs61975113	G	0.104
rs148880878	G	-0.0371
rs112517961	A	0.0856
rs61989195	G	-0.0466
rs887404	C	0.0787
rs2148333	G	0.0211
rs59208121	T	0.0823
rs115174749	T	0.0661
rs12888512	C	-0.019
rs28663607	T	-0.0473
rs150190825	T	0.0631
rs77491889	T	-0.0664
rs78715774	A	0.0644
rs242768	C	-0.0675
rs1042704	A	-0.0234
rs68008083	A	0.0197
rs17834514	G	0.0463
rs60088288	T	-0.1441
rs73359933	G	-0.0222
rs117843774	G	-0.0268

rs75820593	T	-0.0403
rs160469	A	-0.0367
rs11159934	G	0.0257
rs9671544	C	-0.0762
rs7161483	G	0.0442
rs4344631	T	-0.0191
rs451925	T	-0.0232
rs7149890	C	-0.0225
rs2319386	G	0.0546
rs1270756	A	0.0359
rs76456332	G	0.0865
rs77190401	G	-0.0546
rs12050460	G	-0.0488
rs1667647	G	0.0203
rs11848429	T	0.0249
rs142413048	A	-0.0607
rs7152070	T	0.0708
rs10140117	T	0.0193
rs141916653	T	-0.1025
rs145530505	G	-0.0917
rs12890201	A	-0.0242
rs727447	T	0.0242
rs61989812	T	0.025
rs71429027	G	-0.0252
rs943997	T	0.0222
rs945032	T	0.0251
rs2018772	A	-0.0186
rs4902832	G	0.0249
rs115500003	C	0.1012
rs2807815	T	0.0193
rs12147758	G	-0.02
rs77366689	T	-0.0683
rs213569	T	0.018
rs2007824	T	-0.0213
rs7155440	A	-0.0897
rs7150885	G	0.0456
rs113024237	T	-0.0511
rs1088768	T	0.055
rs110742	A	0.022
rs2819426	C	0.0699
rs12896403	A	0.0897
rs117780646	T	-0.0835
rs17231711	A	-0.0383
rs61987474	T	0.0189
rs61977093	T	0.1165
rs11550543	A	0.0319
rs79137249	T	0.1017

rs1449432	T	-0.0203
rs11849958	C	-0.0594
rs117974334	T	0.05
rs150900568	T	0.0799
rs72712463	T	0.034
rs11625225	A	-0.0961
rs1315115	G	0.0271
rs116935783	A	-0.0851
rs7140377	A	-0.0975
rs10220556	G	0.0202
rs117549157	T	-0.0796
rs118041421	G	-0.0614
rs2180267	C	-0.0197
rs28417532	A	-0.0274
rs73270934	A	-0.0423
rs28710847	T	0.0254
rs1959636	T	0.0186
rs17794119	T	0.1436
rs17094372	T	0.0346
rs141373851	T	-0.1206
rs77139578	T	0.057
rs8018026	C	-0.0204
rs1315130	T	0.03
rs900362	C	0.0192
rs73319799	C	0.0783
rs10137789	T	0.0201
rs61993937	T	0.0195
rs61979706	A	0.055
rs114963549	T	0.0668
rs11160334	G	0.1153
rs12881592	C	0.0196
rs7140782	T	0.0307
rs10220316	G	-0.0179
rs143129191	G	-0.0994
rs1028972	A	-0.0358
rs12887086	G	-0.0985
rs76534436	A	-0.0526
rs17125931	T	0.0455
rs911294	T	0.0257
rs80067417	A	0.0329
rs6574215	A	-0.0225
rs12895232	T	0.0785
rs35736913	T	0.0455
rs61035315	G	0.0269
rs1885750	T	0.0449
rs1254916	G	-0.0184
rs7152787	C	-0.0182

rs74044295	G	-0.0717
rs1357041	C	0.0262
rs112459273	G	-0.0531
rs139601191	T	-0.1188
rs145391262	T	0.1169
rs11849470	A	0.0925
rs10145795	T	0.0294
rs7153062	T	-0.1301
rs8019734	T	0.0217
rs150138734	C	-0.1033
rs7150844	A	0.0219
rs117365428	G	0.0946
rs75907081	T	0.0824
rs2184599	A	-0.023
rs1951811	T	0.0694
rs117887832	T	0.0559
rs61986111	A	0.0306
rs113710956	A	-0.1632
rs118148639	T	0.0995
rs61976531	T	0.0678
rs4262879	C	0.0286
rs57826114	A	0.0444
rs118060829	G	-0.1008
rs1998314	G	-0.0225
rs17107825	C	-0.0181
rs55870181	T	0.0353
rs7154079	A	0.0251
rs148251525	G	-0.0288
rs61971846	A	-0.0354
rs17126976	G	-0.0305
rs2233406	A	0.0204
rs72671079	A	-0.0652
rs74424148	C	0.0288
rs972528	A	0.0236
rs10130885	C	-0.0174
rs1054200	T	-0.1143
rs75099148	C	0.0758
rs1187740	G	-0.0218
rs1959309	A	-0.0193
rs1257671	T	0.02
rs60895458	A	-0.0614
rs41422147	T	-0.0804
rs768532	T	-0.0337
rs718654	A	0.0878
rs8003606	T	0.0233
rs10151509	G	-0.0183
rs8013044	T	0.0594

rs9671307	C	-0.019
rs5017217	G	0.0225
rs74963344	A	-0.0592
rs117009054	C	-0.0961
rs72668102	A	-0.0957
rs11626977	A	-0.0388
rs116872859	T	-0.1306
rs11629409	G	-0.0261
rs78212965	A	-0.0611
rs117193271	C	-0.1214
rs141903327	A	0.1065
rs61416230	T	0.0972
rs1677999	C	0.0212
rs34721398	A	0.1401
rs148474329	T	-0.0625
rs1212968	C	0.0237
rs112431791	T	-0.0429
rs10134231	G	-0.0216
rs5008274	T	-0.0278
rs150956521	T	0.1275
rs10083361	G	0.0184
rs4902603	A	-0.0191
rs2765932	G	0.0189
rs941767	A	0.0269
rs8015273	G	0.0388
rs1022725	A	-0.1215
rs10135399	C	0.0238
rs1824578	A	-0.0511
rs12883755	G	0.0202
rs35080242	C	0.0403
rs2332469	C	-0.0501
rs12879817	C	-0.0709
rs72704153	C	0.1525
rs8019199	C	0.0184
rs6571612	G	0.0223
rs8015058	A	-0.0192
rs146539145	T	0.0884
rs72676140	G	0.0637
rs71422024	T	-0.0398
rs17100849	G	-0.0278
rs143649587	A	-0.1101
rs7152097	G	-0.0193
rs1279324	T	0.0429
rs4074325	T	-0.0395
rs1188535	G	0.0192
rs35397299	G	-0.0713
rs147873467	A	-0.1458

rs28547458	T	0.0307
rs112220397	A	0.0427
rs77428922	C	0.0734
rs112382458	A	-0.0597
rs146273069	T	-0.1067
rs4902612	C	0.0243
rs111439524	A	0.0794
rs116907320	G	0.0668
rs72700706	A	0.0809
rs8006120	G	-0.1009
rs10162441	G	0.0332
rs808233	T	0.0194
rs150174710	A	-0.0719
rs11621049	A	-0.0173
rs5005388	A	0.0176
rs74333689	A	-0.0652
rs77244167	A	0.0857
rs144875367	G	-0.1123
rs3811262	A	-0.0203
rs71424459	A	0.0209
rs1999279	G	0.0172
rs78160636	C	0.0832
rs12894234	A	0.0331
rs34512536	A	-0.0274
rs11846930	A	0.0339
rs117697112	A	-0.0659
rs900681	C	-0.0249
rs8013858	G	-0.0305
rs17512600	C	-0.0724
rs113477669	T	-0.0633
rs4981088	G	0.0173
rs4470065	C	0.0222
rs116921775	C	0.0743
rs117255228	A	-0.0759
rs7148181	C	-0.0287
rs8008719	C	0.0222
rs75214369	A	-0.0285
rs10133424	G	-0.0204
rs74593521	A	-0.0777
rs7144110	T	-0.0911
rs12587645	C	-0.0185
rs72692924	C	-0.0264
rs210348	A	0.0259
rs1462351	C	0.1054
rs72692313	T	-0.0639
rs116932501	T	0.0574
rs11846938	G	-0.0212

rs1950551	A	0.02
rs8017640	C	-0.0182
rs874226	A	-0.0347
rs1889387	T	-0.0181
rs147887191	T	-0.0847
rs76970421	A	0.098
rs2076735	T	-0.0351
rs117376328	A	0.1039
rs75997850	T	0.0461
rs8019661	C	0.044
rs75384799	G	0.0651
rs141624256	A	-0.0744
rs147591641	T	-0.0704
rs149535064	G	0.0982
rs116933760	A	0.068
rs3898605	G	-0.0359
rs4346126	G	-0.0383
rs12897517	A	0.0742
rs17701459	A	-0.0207
rs76210027	T	0.0527
rs11845502	A	-0.022
rs72673908	G	-0.0518
rs12434934	C	-0.0254
rs12588564	A	-0.0201
rs10132733	G	0.0223
rs113988810	G	0.1423
rs72687121	A	0.0456
rs117804066	C	0.0949
rs76419171	G	-0.1832
rs114434164	G	-0.1084
rs76557856	A	0.034
rs74889246	C	0.0903
rs154316	T	-0.032
rs35584647	C	-0.0343
rs8021994	C	-0.0374
rs116918262	G	0.0638
rs10150484	A	0.0395
rs17096572	T	0.0395
rs151248112	G	-0.0911
rs140309645	C	0.0576
rs723840	T	0.0193
rs17465485	G	0.0823
rs1356838	T	0.0856
rs12587894	A	-0.0249
rs74734574	C	0.0861
rs12878926	G	0.0526
rs7143479	A	-0.0227

rs112956036	A	-0.0646
rs4899599	A	0.024
rs875799	T	-0.0287
rs58564811	C	0.0326
rs56113814	C	-0.0182
rs10135183	T	-0.0182
rs71422784	T	0.0745
rs72664665	G	0.0582
rs4982127	C	0.0214
rs61977726	C	-0.0688
rs1956482	C	-0.0238
rs118161214	G	0.1332
rs10132204	A	-0.029
rs993043	C	0.0382
rs1299403	A	0.0186
rs1040812	T	0.0783
rs72694992	C	0.0471
rs1997910	G	0.0241
rs118116605	G	0.1059
rs61312215	A	0.0274
rs113821525	T	-0.0578
rs77694540	A	0.0996
rs4905623	C	0.0184
rs3759608	A	-0.0298
rs149634959	A	0.0414
rs117457484	T	0.0641
rs17111750	T	-0.0185
rs1379142	G	0.0811
rs117907422	T	0.0807
rs1959053	A	-0.0194
rs6575859	T	0.0185
rs78276159	A	0.0916
rs12589282	C	-0.018
rs76964623	C	-0.0292
rs73348645	T	-0.025
rs2998316	C	0.0176
rs4620892	T	-0.0387
rs117942446	G	0.073
rs12888084	A	0.0186
rs117663230	A	-0.101
rs11158673	T	0.0296
rs138834970	G	-0.1162
rs76423229	G	0.0639
rs74900882	G	-0.0831
rs2535918	T	-0.0342
rs4251587	G	0.0887
rs9658667	A	0.0988

rs10145289	T	0.0912
rs117430951	C	0.0956
rs150212120	A	-0.1161
rs11626979	G	0.0346
rs74757805	G	0.0509
rs113197524	T	-0.1173
rs8018786	G	-0.0282
rs7156411	T	-0.023
rs117492617	A	0.1135
rs1106957	A	0.0189
rs11846818	A	0.0703
rs116952432	T	-0.0867
rs140786210	A	-0.0561
rs1243496	T	-0.0234
rs34885974	G	-0.0229
rs150800152	T	0.1151
rs1315151	G	0.0224
rs116847921	T	-0.0661
rs117751541	G	-0.1193
rs4981439	C	0.0356
rs118115930	C	-0.1254
rs111320486	T	0.0889
rs78303180	T	-0.0474
rs141219819	A	0.0673
rs145164459	G	-0.1073
rs138659219	C	-0.0971
rs17256401	T	0.0354
rs117712785	T	0.0576
rs78420694	T	-0.0866
rs17184233	G	0.0219
rs72692302	A	0.027
rs118163595	A	0.0651
rs7143025	A	0.0201
rs74656347	G	0.0238
rs139285724	G	0.0236
rs142056210	G	0.1278
rs117114022	G	-0.0836
rs143967843	A	0.0977
rs79254088	A	0.0755
rs3783929	G	-0.0274
rs28548899	T	-0.0732
rs149168248	C	0.0685
rs8019356	C	0.0206
rs72691406	A	-0.0455
rs200338	C	-0.0338
rs12587608	G	0.0215
rs1956183	G	-0.0233

rs9788624	A	0.0752
rs75294567	T	-0.019
rs35116375	T	0.1183
rs61576554	A	0.1531
rs7148782	A	0.0669
rs1962751	T	0.0185
rs117410836	C	0.0573
rs113337019	T	-0.0889
rs114984391	T	0.0757
rs1349573	G	-0.0553
rs12887244	G	-0.0214
rs138860492	A	-0.1086
rs61980275	A	0.039
rs79381691	C	0.0639
rs77643214	A	0.1081
rs4991307	A	0.0332
rs116955029	G	0.0842
rs11625857	T	-0.025
rs74054933	A	0.0286
rs2093746	C	0.0344
rs142332756	T	0.1085
rs1973150	G	-0.0186
rs12587770	C	0.0236
rs1958664	G	0.017
rs4905607	G	0.0229
rs10873540	T	0.0257
rs117726164	T	-0.0483
rs117842903	C	-0.0862
rs1077430	C	-0.0188
rs80070889	T	0.0512
rs79048260	A	-0.0398
rs55843983	G	0.0434
rs55745133	G	0.0211
rs7160031	G	0.0485
rs140747756	A	0.1286
rs11626570	A	-0.1027
rs1713455	A	0.0269
rs234215	A	0.0199
rs140427261	T	-0.1627
rs1286107	C	0.0186
rs75568398	A	0.1188
rs75244392	T	-0.0424
rs140787618	T	-0.0596
rs77251127	A	-0.0395
rs17200526	T	-0.0202
rs12883019	A	-0.019
rs75312226	G	0.0244

rs112373288	C	0.0931
rs117488712	C	0.1371
rs7149433	G	0.0172
rs117203921	T	-0.0433
rs34635675	A	0.0181
rs2197465	G	0.0171
rs72698689	A	0.0504
rs4982620	A	-0.0185
rs149720369	T	0.0712
rs72729702	G	-0.0515
rs141309221	A	0.1295
rs10162318	C	0.0251
rs77958215	C	0.0634
rs10134421	G	0.018
rs117134921	G	-0.0746
rs1007284	A	0.0261
rs117897393	A	0.0484
rs8016619	C	-0.0182
rs12886733	T	0.0387
rs111576262	G	-0.078
rs72677519	T	-0.1047
rs11627694	T	-0.0425
rs76912488	A	0.0771
rs79697239	A	0.1623
rs147554358	G	0.0687
rs1843074	G	0.0224
rs113903066	C	0.0825
rs200341	T	0.0182
rs17096094	C	0.0545
rs76619404	C	-0.0442
rs45572033	C	-0.1074
rs111468419	G	0.0569
rs12432400	T	0.075
rs77405177	G	0.0455
rs77656392	G	0.0761
rs10134663	G	-0.0173
rs2151760	A	0.0602
rs147490809	T	-0.0616
rs77043816	G	0.0401
rs10151340	A	-0.0566
rs112944764	G	0.1118
rs56327952	G	-0.0275
rs144647167	G	-0.0896
rs10130992	C	-0.0252
rs8022382	T	-0.0194
rs143957650	A	0.1699
rs222728	A	-0.0213

rs1002579	T	-0.018
rs12886819	G	0.0649
rs8014275	A	-0.0269
rs74748748	G	0.0386
rs12881399	C	0.0168
rs141882282	G	-0.0743
rs78199803	G	0.0451
rs34932536	G	0.0221
rs710010	A	0.0176
rs12895060	A	-0.02
rs117482812	A	0.0741
rs3783910	G	-0.0189
rs71414152	G	0.0813
rs872187	A	0.0271
rs78351773	C	0.0455
rs8006004	T	-0.0174
rs144322064	T	-0.1506
rs10135707	G	-0.0635
rs55970531	G	0.0474
rs117484373	G	-0.0319
rs72720836	T	0.0179
rs4899835	T	0.0268
rs3958014	A	-0.0179
rs12886059	A	-0.0476
rs1956784	C	-0.0246
rs71415078	T	-0.0667
rs111555	G	-0.0212
rs8007820	A	-0.0169
rs11624191	T	-0.0376
rs39716	C	-0.0284
rs140636946	T	0.0841
rs1113590	C	0.027
rs111785083	A	-0.0532
rs17726727	A	0.0247
rs181311	T	-0.0166
rs77659514	A	-0.1247
rs117517149	A	-0.1174
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rs7154433	T	-0.036
rs8005597	G	-0.0466
rs2148160	G	-0.0297
rs12884280	C	-0.0175
rs74315875	G	-0.1045
rs7148640	G	0.0182
rs79637767	T	-0.0801
rs11156787	A	0.0166
rs58731325	G	0.0206

rs73332684	G	-0.0711
rs72672959	T	-0.121
rs2841211	T	-0.0249
rs55728716	C	0.0346
rs117597012	A	0.0773
rs117465404	C	-0.088
rs61989797	A	0.1019
rs17117878	T	0.0561
rs12883443	C	-0.0251
rs71421895	C	-0.0557
rs116198692	C	0.0658
rs17601703	C	-0.0418
rs74919671	T	-0.0361
rs117746795	A	-0.1089
rs8013541	A	-0.0178
rs34940985	A	-0.064
rs1959536	G	0.0996
rs8012725	G	0.0309
rs117886255	T	0.0899
rs10132545	G	0.0194
rs4904703	C	-0.0166
rs1958960	A	0.0189
rs12431612	A	0.0345
rs17112462	G	0.0384
rs149185738	T	-0.1069
rs1561193	A	0.0404
rs2526904	A	0.0166
rs12147816	G	0.0556
rs10138986	C	-0.0167
rs4899173	T	-0.0197
rs1974298	G	-0.0346
rs143227945	A	-0.0845
rs1680665	A	-0.0439
rs12100741	A	0.0248
rs147120991	A	0.0748
rs149764572	G	0.0696
rs61972981	C	0.0378
rs12892358	T	-0.03
rs1343870	C	0.0197
rs442402	G	-0.035
rs78159423	C	0.0991
rs79099449	C	-0.0846
rs146887411	C	0.0907
rs225977	A	0.0199
rs76772737	C	0.0876
rs11621043	C	0.0288
rs76844901	G	0.0905

rs2170233	C	0.0696
rs4901115	A	0.089
rs80050540	A	0.0374
rs12883017	T	0.0164
rs118049178	C	-0.0537
rs147897377	A	-0.0775
rs12432138	T	-0.02
rs4899829	G	0.0245
rs4903875	G	0.0167
rs28588570	T	0.0312
rs78973415	T	-0.0857
rs74892922	C	0.0372
rs117838191	A	0.0712
rs10142622	T	-0.1137
rs59614373	G	-0.023
rs78656039	A	0.0595
rs142259791	A	0.0559
rs61973019	A	0.0429
rs1399524	T	0.0465
rs17782466	A	0.0383
rs4356403	C	0.0193
rs28547895	G	-0.0403
rs8013737	G	-0.0295
rs55721115	G	0.0391
rs59213402	T	0.0486
rs35919189	C	-0.0533
rs11158612	C	0.0197
rs243221	C	-0.0197
rs79063692	A	-0.0796
rs753361	A	0.0178
rs61989860	G	-0.0976
rs140503338	G	-0.0611
rs79156967	T	0.0472
rs17126117	C	-0.0639
rs12893940	A	-0.0324
rs1257332	T	-0.036
rs12885353	C	0.0452
rs9671842	T	-0.0229
rs78104306	C	0.0327
rs79647551	A	0.0398
rs112995490	C	0.0484
rs1242538	G	0.0293
rs34281246	T	0.147
rs72701157	T	-0.0747
rs72687113	T	0.0528
rs112751856	T	-0.0851
rs8004345	G	0.087

rs75340802	C	0.0752
rs140382550	A	0.0851
rs61971837	C	-0.0221
rs73300965	A	-0.1348
rs76073421	G	0.0643
rs117188095	C	0.0923
rs75806022	T	0.0372
rs11626456	A	0.0176
rs56387608	A	0.0327
rs1742083	G	0.0178
rs61976507	T	-0.0709
rs55743101	T	0.0216
rs28568603	C	0.0307
rs762002	C	-0.0239
rs145974708	T	-0.0819
rs143653233	T	-0.1041
rs848084	G	0.0228
rs76668162	A	0.0463
rs9339	T	0.018
rs144897235	A	0.1019
rs56375945	A	0.0254
rs2810085	T	0.0274
rs75953456	C	0.0809
rs59551280	A	-0.0396
rs74046048	C	0.0491
rs10162364	T	0.0331
rs1197382	C	0.0285
rs3742658	T	0.0336
rs75931403	T	0.1605
rs75170127	T	-0.0396
rs74034614	C	-0.0801
rs8010032	T	-0.0175
rs8126	C	-0.0183
rs141502833	T	-0.0333
rs117018335	G	0.0682
rs72692105	A	-0.1211
rs76255841	G	0.0562
rs61985962	T	0.0214
rs2415444	C	-0.0205
rs6572913	G	0.0177
rs45528638	C	-0.0366
rs72698138	C	0.0262
rs56154991	T	-0.0304
rs34468732	C	-0.1029
rs2372424	C	0.0184
rs17094678	A	0.0459
rs77165353	T	0.0625

rs12432697	T	-0.0241
rs80343029	T	-0.075
rs113899415	A	-0.0691
rs11622149	A	0.0239
rs1156170	G	-0.0185
rs1045842	C	-0.0347
rs1957514	A	0.0174
rs7159556	A	0.0179
rs118044059	C	0.0516
rs1824319	G	-0.0411
rs143475345	C	0.0847
rs59762490	A	0.0554
rs7142363	A	0.0178
rs150100504	T	-0.0397
rs73345596	T	-0.0319
rs2031063	C	0.0184
rs73317331	A	0.0664
rs1958601	T	-0.0173
rs149150251	C	0.1299
rs1955658	A	-0.0177
rs8014258	G	0.0323
rs75202967	T	0.0319
rs61985278	C	-0.0794
rs149894528	A	-0.1319
rs11624106	G	0.0465
rs117920691	T	-0.0673
rs72703661	A	0.0254
rs78334049	A	-0.0336
rs112552819	A	0.0419
rs1108140	C	-0.0207
rs4646286	G	0.0182
rs175718	G	-0.0161
rs72677336	A	-0.0473
rs55989864	A	0.0192
rs2991523	A	0.0196
rs111272567	T	-0.0432
rs111950656	A	0.0393
rs116849775	T	-0.0538
rs72666686	A	0.0437
rs12890803	G	-0.0258
rs138801661	A	-0.0371
rs17127744	A	0.1031
rs67401203	T	-0.0234
rs11621506	T	0.0194
rs78125161	A	-0.0906
rs117085262	G	-0.0367
rs34344413	G	-0.0202

rs146660419	T	0.047
rs138409863	A	-0.0825
rs4457900	T	-0.0175
rs11621104	G	-0.0159
rs10139775	C	-0.0173
rs72682046	T	-0.0908
rs2282037	C	0.0258
rs139635568	T	-0.1028
rs111471508	T	-0.0703
rs143826891	C	-0.1261
rs28715676	G	0.0179
rs158100	G	-0.018
rs78564852	T	-0.0485
rs12434634	A	0.0282
rs10151178	T	-0.0167
rs61988507	A	0.0248
rs113357814	T	0.0469
rs1263811	G	-0.025
rs4906383	T	-0.0183
rs117428996	A	-0.0869
rs8015337	G	-0.0165
rs17833095	A	-0.0909
rs17765269	G	-0.0627
rs4444250	A	-0.1302
rs17096673	A	0.0359
rs7149252	C	0.0195
rs1191357	A	0.024
rs12879960	G	0.0402
rs117744201	G	0.0899
rs113466741	T	-0.0467
rs12147419	G	0.0174
rs11624116	G	0.0427
rs57581750	G	0.053
rs4906038	T	0.0196
rs12590136	A	0.0236
rs4904204	G	0.0266
rs75677478	T	0.0582
rs117552259	C	-0.0584
rs8019619	G	0.0337
rs7144454	T	0.0195
rs117406095	T	0.1257
rs10139187	A	0.0591
rs10873098	T	-0.0167
rs74323791	G	0.0271
rs9125	A	-0.0196
rs2158532	T	0.0165
rs10873302	T	0.0182

rs6574692	T	-0.0205
rs78032993	G	0.0565
rs117514569	T	0.1344
rs8003369	A	0.0174
rs12887763	G	-0.0288
rs76377637	T	-0.0516
rs10146130	C	0.0223
rs17469416	T	0.0249
rs12894750	T	-0.0163
rs8017601	G	-0.0602
rs74043218	A	-0.0724
rs77383570	T	-0.0464
rs77078740	A	0.0571
rs113528971	T	-0.0236
rs117332297	C	0.0915
rs78703581	A	0.0233
rs2623120	G	-0.018
rs74086799	T	0.04
rs735745	A	0.0492
rs10143711	A	-0.0219
rs7144494	T	-0.0183
rs12050439	A	-0.016
rs12147729	G	-0.0216
rs11160285	A	0.0671
rs111870112	G	-0.0929
rs7146443	T	0.0207
rs116994099	T	-0.0966
rs72682875	C	0.0938
rs856217	T	-0.0305
rs112421059	G	0.092
rs17590347	G	-0.0285
rs61994042	A	-0.074
rs75787795	A	0.0626
rs35543799	G	-0.0653
rs116058988	T	-0.1408
rs11158422	C	-0.0206
rs72734283	G	-0.0444
rs11845486	A	0.0775
rs1285649	G	0.0236
rs12432606	T	-0.0277
rs182580	C	0.0164
rs12590127	T	0.0481
rs423429	G	-0.0315
rs4905612	T	0.0275
rs112051058	T	-0.0709
rs72478810	G	0.0292
rs61980199	T	0.0164

rs6571563	T	0.0219
rs35675256	C	-0.0421
rs11849748	A	-0.0879
rs4503724	G	-0.0217
rs1198412	G	-0.036
rs141338650	A	0.0245
rs117584774	T	0.0659
rs72664587	G	0.0291
rs943655	C	-0.0167
rs117382186	A	-0.0465
rs118025675	A	0.0754
rs35291807	T	0.0355
rs56994090	C	0.0183
rs150285980	A	0.0991
rs60150385	A	0.039
rs147037985	A	-0.1068
rs117406323	T	0.0577
rs57561951	G	0.1379
rs79050575	G	-0.0615
rs62010899	T	0.0759
rs149859195	G	-0.1693
rs7157717	G	-0.0248
rs2105229	A	-0.0255
rs72682961	G	0.0647
rs72660424	T	0.0213
rs116988818	A	-0.0948
rs139869664	T	0.1092
rs61986575	C	0.0984
rs79541715	T	-0.0926
rs141620039	T	-0.0701
rs8009215	G	0.022
rs17834394	C	0.0336
rs8018549	G	0.083
rs113589632	T	0.1594
rs142013515	T	-0.1374
rs79135510	T	0.0769
rs11846336	T	0.0165
rs1617356	T	-0.0204
rs76050278	C	-0.0651
rs11626740	A	0.0435
rs8017951	T	-0.0341
rs60469115	A	-0.0627
rs1763737	C	0.0302
rs10141533	G	-0.0165
rs1955511	C	0.0313
rs34204001	C	0.0251
rs12587089	C	0.0266

rs116842619	T	0.0783
rs148174661	T	-0.0651
rs8006846	A	-0.0244
rs7154460	A	-0.0662
rs10150465	T	-0.027
rs118125736	G	-0.0544
rs72696762	C	-0.0693
rs3748312	T	0.0232
rs17092489	A	0.0879
rs1243642	G	0.1206
rs4997997	A	0.0581
rs17833131	A	-0.0255
rs139868848	T	0.1543
rs145435243	T	-0.0768
rs61985831	C	0.0321
rs79871225	T	-0.0531
rs10131298	A	0.0214
rs75282033	A	-0.0965
rs10146757	G	0.021
rs117904875	C	-0.0561
rs8007176	G	0.0174
rs11628071	C	0.0337
rs55683211	T	-0.0974
rs12436783	T	0.1019
rs1954326	G	-0.0183
rs72701611	G	0.0941
rs117450401	A	0.0864
rs4982747	G	0.0168
rs1257663	C	-0.0484
rs12893321	T	-0.0225
rs8009836	T	-0.0445
rs12436026	C	-0.0735
rs61987982	G	0.0646
rs11624645	A	0.0317
rs12890532	C	-0.0203
rs4904981	A	0.0215
rs8014171	A	0.0704
rs31408	T	0.0953
rs116933443	T	0.0522
rs76702916	A	0.0734
rs11158581	A	-0.0235
rs80028357	T	0.0941
rs74539351	T	-0.0688
rs150913052	T	-0.1073
rs117772163	T	0.0746
rs76004191	T	-0.0263
rs80058176	G	0.0964

rs9323854	A	0.0294
rs17102535	A	0.0438
rs3784018	G	0.0197
rs74551816	T	0.0525
rs116947851	A	0.0567
rs750678	G	0.0179
rs2236241	G	-0.0199
rs72706178	T	-0.0288
rs71423384	G	0.0292
rs35701404	C	0.0163
rs150971918	C	0.1101
rs10129254	G	-0.0345
rs117752557	T	-0.0605
rs79376553	G	0.0849
rs4900255	A	0.0281
rs144703783	C	-0.0774
rs139466195	A	-0.1136
rs11158760	G	0.0209
rs11159779	A	-0.0192
rs2111782	A	-0.0302
rs117994029	G	0.058
rs9635172	T	-0.0194
rs11628622	C	0.0187
rs76138730	A	0.0808
rs1152573	G	-0.0242
rs74333506	T	0.135
rs148987100	G	0.0247
rs118101297	G	0.1377
rs8006139	G	-0.0166
rs17278202	A	-0.0186
rs142011749	T	0.0704
rs1255261	C	-0.0173
rs35939120	A	0.0241
rs117133855	T	-0.1002
rs10138062	A	0.0175
rs60217181	T	0.02
rs138899774	G	0.0502
rs56138896	G	0.0383
rs1240989	C	0.0307
rs7158545	C	-0.0165
rs72680751	T	-0.0468
rs61971814	T	-0.05
rs11157275	G	0.019
rs111628324	A	0.0642
rs55722931	A	-0.0702
rs4580076	G	-0.017
rs76925119	T	-0.0709

rs117750014	G	0.1238
rs4901530	G	-0.0224
rs11627824	C	0.0246
rs10138982	C	0.0205
rs77196389	G	0.0664
rs143123975	T	0.0739
rs1998241	T	-0.0314
rs7144699	T	-0.0345
rs7152058	T	-0.0192
rs77012148	T	-0.0753
rs71420502	C	0.1081
rs75381513	A	0.0337
rs111389949	G	-0.0358
rs61982618	T	0.0594
rs2295174	C	-0.0186
rs8017429	G	0.016
rs1072947	T	-0.041
rs149360378	C	0.0264
rs149524924	A	-0.0877
rs117084735	T	0.0681
rs2069966	C	0.0215
rs149584558	G	0.0726
rs117584895	C	0.0721
rs10132462	T	0.0419
rs17766799	G	-0.0335
rs147630796	T	-0.0586
rs7145948	G	0.0503
rs78327602	C	0.0734
rs74036905	C	-0.0461
rs80175580	C	0.0527
rs35617019	G	0.1168
rs8015889	A	0.0155
rs112203900	A	-0.0984
rs17100933	C	-0.0392
rs4901622	C	-0.02
rs12879016	G	0.0198
rs8007449	T	-0.026
rs17123972	G	0.0219
rs7150544	G	0.0172
rs80183827	T	-0.0424
rs2401022	T	0.0185
rs117313189	T	0.0615
rs8021576	T	-0.0172
rs7158115	C	-0.0231
rs115313686	A	0.0773
rs137894726	A	0.0634
rs74834851	T	0.0337

rs8015044	G	0.0173
rs61996379	T	0.0216
rs113007508	A	-0.0648
rs10483306	T	0.0319
rs117409115	A	0.0844
rs10130494	G	0.0217
rs8014220	T	0.0582
rs1325530	T	-0.0272
rs76809467	G	-0.1317
rs114551829	C	-0.0682
rs117258155	A	-0.0642
rs116977139	A	-0.0491
rs1024512	A	-0.031
rs10130769	G	-0.0172
rs147301975	T	-0.0868
rs12436720	C	-0.0562
rs4902100	G	0.0175
rs1950348	T	0.0164
rs4905261	G	-0.0216
rs17112096	C	0.0229
rs72715827	T	-0.0362
rs12589050	G	0.0464
rs78360810	A	-0.034
rs1275692	C	0.0211
rs77061396	G	-0.0727
rs117880795	C	-0.0606
rs61746391	G	0.0633
rs7144579	C	0.0255
rs12883524	A	0.0526
rs10147042	C	-0.0159
rs12100964	G	-0.0346
rs117276357	T	0.0395
rs112707515	T	-0.0945
rs141262943	G	-0.0271
rs2144045	A	0.0224
rs11622366	T	0.0229
rs116959771	T	0.0608
rs7151852	A	-0.0742
rs117953897	T	-0.0923
rs61976288	A	-0.043
rs116987982	T	0.0695
rs139946774	T	0.0544
rs78465899	C	0.0692
rs61989022	G	0.0304
rs17111534	A	-0.0198
rs116953125	A	-0.0853
rs17128090	T	0.0839

rs61985994	G	0.0278
rs118032166	T	-0.1046
rs7158654	C	-0.0389
rs35135652	C	-0.0302
rs4982335	G	-0.0209
rs71414705	C	-0.0514
rs142827459	T	-0.036
rs72681698	C	0.1007
rs1294563	A	-0.0183
rs111283525	A	0.0997
rs117196032	T	-0.0811
rs72702754	G	-0.0477
rs12888886	C	-0.0578
rs17121069	A	-0.0738
rs71414080	C	0.0359
rs11852187	A	0.0256
rs2208446	T	-0.0257
rs75277049	A	-0.0518
rs72701112	T	0.0751
rs34610326	C	-0.0422
rs150539226	T	-0.1145
rs17796197	C	-0.0233
rs17129117	T	-0.0195
rs2842328	C	0.0166
rs117249570	G	0.0855
rs11160791	G	-0.0572
rs10132295	C	0.1065
rs4904529	T	0.0432
rs139688434	A	-0.0982
rs76214151	T	0.0644
rs7153260	G	0.0169
rs117900254	T	0.048
rs4898668	T	-0.0298
rs148010767	G	0.0401
rs77425375	T	0.0329
rs146134985	A	0.0786
rs138770559	C	0.0622
rs10145681	A	0.047
rs887506	G	0.016
rs150634726	T	0.0811
rs78185793	T	0.044
rs234584	A	-0.0158
rs116943761	A	-0.0409
rs56166355	A	0.0612
rs140472045	A	-0.1076
rs11625516	G	-0.0171
rs45539232	A	0.0282

rs74814475	G	0.0489
rs17828494	T	0.0239
rs55638195	G	-0.0499
rs10162452	C	-0.0178
rs8017982	C	0.0159
rs56102241	T	0.0613
rs12879608	C	-0.0451
rs61983833	A	-0.0363
rs117771822	T	-0.0738
rs1950988	C	-0.0221
rs116952677	A	0.0602
rs79427850	C	-0.0298
rs61981847	A	-0.0549
rs56175668	C	-0.0295
rs2184594	C	0.0155
rs75288747	G	-0.1004
rs113132195	T	-0.1013
rs74556509	A	-0.098
rs58352951	A	-0.0666
rs139892352	G	-0.0492
rs144346769	G	0.0918
rs17094128	C	-0.0353
rs10873193	T	-0.0163
rs113077191	G	0.1131
rs151207481	A	-0.0771
rs3850420	T	-0.0167
rs12881080	G	0.0243
rs78795547	C	0.0772
rs113234133	G	-0.0182
rs1287604	A	-0.0658
rs77671225	T	-0.0684
rs78355135	T	0.1119
rs79624907	G	0.0745
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rs12433924	G	-0.0533
rs79258259	T	-0.0975
rs78637399	G	0.1071
rs117118633	C	0.0448
rs10151349	C	0.0193
rs35077741	G	0.0446
rs2250772	G	0.0193
rs17834779	C	0.0165
rs1959014	A	0.0597
rs797349	A	0.0228
rs79869477	G	-0.0771
rs3783642	C	-0.0158
rs76954168	A	0.0977

rs78142959	G	-0.0305
rs17810066	T	0.0683
rs146826500	T	-0.0708
rs7156231	T	0.0684
rs76893196	G	-0.0634
rs1160674	G	0.018
rs4903166	A	0.0828
rs998208	G	0.0649
rs2357112	C	0.0204
rs113766474	G	0.0743
rs142198269	G	0.0813
rs10139691	T	-0.0461
rs111435614	T	0.023
rs77219677	T	0.0895
rs12881206	C	0.0167
rs76809835	G	0.1067
rs112509847	C	0.0546
rs145897695	T	0.1041
rs75212452	C	-0.0853
rs434273	T	-0.0208
rs10131382	G	-0.0312
rs1152468	G	0.0154
rs17096278	G	0.038
rs139115565	A	-0.1118
rs140406690	T	-0.1181
rs1738895	C	0.0755
rs143133177	A	-0.1077
rs117022252	T	-0.0879
rs11852157	G	-0.0344
rs2365681	T	-0.0156
rs766298	C	-0.0209
rs79843108	C	-0.0502
rs78732934	T	-0.0717
rs72731577	T	-0.0209
rs7142408	G	0.0184
rs56168057	T	0.0508
rs1506760	A	0.0181
rs116851732	A	0.074
rs117030769	A	-0.0773
rs113134194	T	0.103
rs80184975	T	0.0424
rs4983511	T	-0.0248
rs72727497	C	0.1033
rs61982757	A	0.1293
rs72718434	G	-0.0562
rs58570040	T	-0.0204
rs175984	A	-0.0189

rs13379210	C	0.0187
rs117556181	T	-0.0362
rs117806763	A	-0.0775
rs61996634	A	0.0895
rs12883884	G	-0.0159
rs77618336	T	-0.0354
rs80292861	G	0.0306
rs78012412	C	0.0546
rs138623791	G	-0.0746
rs112272686	G	-0.0994
rs147624810	T	-0.1027
rs61970739	G	-0.0153
rs2064928	A	-0.0305
rs8009525	T	-0.0488
rs7151531	C	0.0168
rs79899753	A	0.0445
rs142489916	T	0.0301
rs1243598	C	-0.0152
rs72688272	C	0.028
rs1885152	T	0.0176
rs112281955	A	-0.047
rs11160186	A	0.0238
rs4526940	T	-0.0155
rs112626633	A	-0.0758
rs71430769	A	0.0697
rs55865473	T	0.0717
rs17345162	G	-0.0336
rs12586901	C	-0.0272
rs2816690	T	-0.0965
rs1133834	C	-0.0216
rs148119207	T	0.0895
rs9324082	T	-0.033
rs143888053	A	0.1131
rs56844246	G	-0.0268
rs112973687	C	0.0561
rs17828632	A	-0.023
rs35097957	G	-0.0662
rs7159682	A	0.0191
rs34403654	A	-0.1096
rs60862193	A	0.0676
rs78611282	G	-0.0874
rs11851152	C	0.0159
rs11157831	G	0.0319
rs78421876	T	0.0353
rs1885585	T	0.0174
rs17105685	T	-0.0202
rs7147868	T	0.0297

rs117345552	T	0.0939
rs79696323	C	-0.0614
rs112119259	A	-0.0888
rs10152022	C	-0.017
rs10145152	G	0.0581
rs72671110	T	-0.0546
rs7141885	A	-0.0234
rs1760986	C	0.0202
rs78861269	G	0.0369
rs17105098	A	-0.0249
rs76249699	C	0.0854
rs74041756	G	-0.0321
rs10146800	T	-0.022
rs114220129	A	-0.0962
rs4904163	A	-0.0653
rs1564060	A	0.0175
rs6574227	T	-0.0209
rs111574060	T	-0.1002
rs17546005	T	-0.0534
rs2153081	C	-0.0892
rs8003767	A	-0.0189
rs813337	G	-0.0653
rs4048233	G	-0.0166
rs77529104	C	-0.0316
rs10484168	A	0.0397
rs55664804	G	0.0337
rs117226520	C	-0.0558
rs117381464	A	0.0552
rs61979236	C	-0.0249
rs1889684	T	0.0182
rs11158690	A	-0.0235
rs61979226	C	-0.0623
rs61991230	A	-0.0268
rs61737404	T	-0.0577
rs234605	C	-0.0163
rs61978262	T	-0.0965
rs116959214	T	-0.0466
rs8005354	C	-0.0157
rs7148694	G	0.071
rs74528596	G	-0.0889
rs117307486	C	0.0594
rs77945653	C	0.085
rs116849377	G	-0.0727
rs76084672	G	-0.0525
rs1254600	A	0.0206
rs8010391	A	-0.0207
rs151216230	G	-0.1174

rs140427322	A	-0.0725
rs79589957	G	-0.0712
rs74709608	T	-0.0231
rs117793147	G	0.0621
rs11844763	A	0.0329
rs78850505	A	0.0568
rs17832137	A	-0.0571
rs150999455	C	0.094
rs17106046	T	0.047
rs2249620	A	0.0603
rs78783856	T	0.0639
rs79815502	T	0.0868
rs8181931	G	0.0282
rs140094122	G	0.0645
rs12431514	G	0.0153
rs17098415	C	0.0427
rs116845325	A	-0.0515
rs8022918	C	-0.0221
rs10873220	G	0.0192
rs67426629	G	0.1
rs12172817	A	-0.015
rs17715699	C	-0.0182
rs117282893	C	0.0946
rs11848297	C	-0.0818
rs74607692	A	0.0684
rs17279640	A	-0.0872
rs72693014	C	-0.0353
rs7148554	T	0.021
rs75007737	T	0.069
rs72698032	A	-0.0688
rs72706489	A	0.0476
rs112501591	G	0.1043
rs78194536	T	-0.0697
rs140339233	C	0.0667
rs854423	T	-0.0277
rs762009	A	-0.0168
rs11622604	T	0.0702
rs734335	G	-0.0217
rs60669045	A	0.0457
rs10137729	C	-0.0355
rs6574405	T	0.017
rs12879371	T	-0.0158
rs1977243	G	-0.0157
rs17700958	A	-0.0835
rs10484119	A	0.019
rs150718173	T	-0.0634
rs148633448	A	0.0812

rs1275681	T	-0.0148
rs10146172	G	-0.0327
rs61976944	C	-0.0159
rs116007472	T	0.0819
rs57917059	A	-0.0252
rs8015878	T	0.0184
rs115766855	T	0.0653
rs8015056	C	-0.0183
rs11621221	C	-0.0151
rs11160156	A	0.0981
rs75299033	C	-0.0343
rs78278315	T	0.0769
rs78655325	A	0.0743
rs75031303	G	-0.0837
rs8006873	A	-0.0831
rs150912993	G	0.0863
rs7159908	C	-0.0149
rs118126045	G	-0.0695
rs17767332	G	0.0244
rs72695275	G	0.0205
rs57141766	G	-0.0654
rs80207282	A	0.0456
rs77805057	T	-0.0361
rs55989869	C	-0.0732
rs113968172	T	-0.0374
rs4981674	C	-0.0145
rs6573823	A	0.0152
rs145754553	A	-0.0762
rs12889089	A	0.0171
rs78948583	T	-0.0789
rs34772727	A	-0.0428
rs59358068	G	0.0155
rs34986192	T	0.0664
rs144196374	C	0.1287
rs17105951	A	0.0191
rs142910139	A	-0.1095
rs117180345	A	-0.1599
rs79752583	C	-0.0217
rs143675278	A	-0.053
rs11621540	G	-0.0286
rs56280987	T	-0.1084
rs72684492	A	-0.1337
rs72665965	C	-0.0586
rs72686106	T	0.0294
rs8006803	T	0.0199
rs145821101	C	0.0798
rs12589331	A	-0.0184

rs1683112	G	0.0436
rs117279567	A	0.0566
rs2749539	C	-0.0147
rs11159339	C	-0.0186
rs144112063	A	-0.1269
rs76552190	C	0.1052
rs35878881	G	0.022
rs10873070	A	-0.0194
rs145657051	A	-0.0522
rs8012408	A	0.0246
rs150449976	A	0.0751
rs11623363	T	-0.1006
rs117507520	T	-0.0655
rs75213662	T	0.0381
rs112672938	G	-0.1209
rs712372	T	-0.0156
rs2354320	T	0.0276
rs4905413	A	-0.0292
rs80116832	C	-0.0933
rs149720940	A	0.1182
rs718545	G	-0.0245
rs4904863	A	0.0189
rs1951757	T	0.0247
rs77483962	A	-0.0247
rs76353839	A	-0.0796
rs858876	C	-0.0156
rs117027373	T	0.0539
rs79807191	A	0.048
rs75973834	T	-0.091
rs117437408	T	-0.0832
rs150616001	C	0.0781
rs17118178	A	-0.029
rs140958739	G	0.1089
rs34874929	A	-0.0297
rs112027845	G	-0.0698
rs35997537	T	0.0499
rs74394317	T	-0.0931
rs11627297	T	-0.0166
rs77948181	G	0.0355
rs10483872	T	0.0226
rs2005292	A	-0.0156
rs80191028	A	0.0752
rs10132309	T	0.042
rs10141366	C	-0.0234
rs143376051	G	-0.0324
rs4902833	G	0.0465
rs1159240	T	-0.0335

rs1018449	G	-0.0144
rs8013633	T	-0.0272
rs11629344	C	0.0161
rs112274115	T	0.026
rs1910692	G	-0.0153
rs75142643	T	-0.0915
rs1004520	G	-0.0312
rs111317412	C	-0.0384
rs72717156	A	0.0572
rs55867224	C	-0.0502
rs7151876	T	0.0184
rs72729562	C	-0.0201
rs138562896	T	-0.0361
rs12888262	T	0.0252
rs72622036	C	0.0679
rs149814883	A	-0.0946
rs76219256	G	0.0183
rs72697369	T	-0.0511
rs8017893	A	-0.016
rs4982407	C	-0.0454
rs17832861	A	-0.0156
rs151219080	T	-0.0266
rs78931811	A	-0.079
rs12893463	A	0.0269
rs17278405	T	-0.0211
rs35306772	T	-0.0932
rs34415417	A	0.0237
rs17756036	T	-0.0659
rs75167229	C	0.1133
rs7151630	T	0.0361
rs6573928	C	-0.0228
rs8011820	T	-0.0209
rs11557769	A	-0.1049
rs10140242	G	0.0202
rs8013199	C	-0.0203
rs162634	G	-0.0157
rs3809437	A	-0.019
rs144213514	A	0.0677
rs143611738	G	0.0764
rs1279213	G	0.0226
rs12894026	A	-0.0162
rs10873518	T	0.0163
rs143720254	A	0.0976
rs116977232	G	-0.0413
rs11627144	T	-0.0524
rs1963327	A	0.0174
rs116998482	A	-0.0741

rs111946933	T	0.0944
rs7152356	C	-0.0191
rs76313842	C	0.0352
rs142013931	G	-0.0882
rs243225	A	0.0158
rs80194793	T	-0.0315
rs112769245	T	-0.0551
rs8022910	C	-0.0185
rs10140051	G	-0.0145
rs1204982	C	0.0151
rs2293712	C	0.0161
rs72675555	T	0.0248
rs77567092	T	-0.0563
rs2623114	C	0.0701
rs111667896	C	-0.0996
rs1469839	A	0.0253
rs34543685	A	-0.1066
rs74735796	A	-0.0469
rs222609	T	0.0464
rs28531843	G	0.0196
rs17828361	G	0.0187
rs3827902	T	0.0179
rs8011267	T	-0.0187
rs147794924	T	-0.068
rs143771075	C	-0.0935
rs4981494	G	-0.0155
rs1761071	C	0.0175
rs11626472	T	-0.017
rs147967628	G	-0.1236
rs17094938	A	0.0443
rs76761167	A	0.0697
rs10147805	T	-0.0163
rs140726611	G	-0.0218
rs72710130	C	-0.1288
rs7152276	C	0.0167
rs749782	C	0.031
rs146047778	G	0.0834
rs8014953	G	0.0258
rs10142785	C	0.0193
rs62011041	T	0.0173
rs61995425	C	-0.0635
rs11621356	C	-0.0553
rs1511320	A	-0.0202
rs10150908	C	0.0453
rs2145639	T	-0.0144
rs74355390	T	-0.0878
rs144772459	T	0.1001

rs77220969	A	-0.0639
rs55952264	T	-0.0224
rs114659620	T	-0.042
rs1289467	C	0.0177
rs797378	A	-0.0157
rs1890982	T	-0.0181
rs34594917	C	-0.0666
rs141724599	A	-0.0662
rs75602869	A	-0.0904
rs77372995	A	0.0372
rs75408556	T	0.051
rs12435953	A	-0.0414
rs75123192	T	0.0696
rs75934842	A	-0.0439
rs79414664	A	-0.0989
rs11628534	C	-0.0302
rs146230687	A	-0.032
rs79208441	T	-0.0636
rs140183412	T	-0.0606
rs79976513	T	-0.0775
rs34362363	T	0.0142
rs80019451	T	0.0215
rs116891593	C	-0.0379
rs139751576	T	-0.0676
rs112698034	A	-0.0513
rs76675929	T	-0.1181
rs80182036	A	-0.0558
rs62014494	C	0.028
rs146989558	T	-0.097
rs4547272	T	-0.0148
rs17096403	G	-0.031
rs11623358	A	0.0776
rs149058031	A	0.0941
rs10151517	C	-0.0163
rs62011420	A	0.0605
rs117090482	G	-0.0597
rs61994777	G	-0.0981
rs4902438	G	-0.0142
rs148734157	C	0.0316
rs3784016	A	0.061
rs4906016	G	-0.0186
rs11628275	A	0.0702
rs10140363	G	0.021
rs28755405	T	0.0259
rs72676435	T	0.0397
rs116878868	A	0.0874
rs116928967	G	0.0811

rs145853512	T	0.0577
rs117457013	T	-0.1205
rs146100588	C	-0.1313
rs117730338	G	-0.0615
rs718060	G	-0.0167
rs2107685	G	0.0521
rs79990107	T	-0.0637
rs116919191	T	-0.0641
rs56083431	A	0.0389
rs140225396	T	0.1081
rs78705091	A	0.0722
rs17523653	G	-0.0497
rs147383744	A	0.067
rs1740692	C	-0.0183
rs17176657	C	0.083
rs148420064	C	-0.0739
rs78041238	C	0.0271
rs113161731	A	-0.0872
rs78171731	G	-0.0846
rs35843682	T	-0.0769
rs73318621	A	0.0229
rs10484228	G	0.0214
rs7159321	G	-0.0545
rs8021487	T	0.0333
rs12436961	C	0.0184
rs4906289	A	0.0642
rs7147946	C	0.0183
rs12880414	G	-0.022
rs8012690	T	-0.0254
rs75723864	G	0.0808
rs72710279	T	0.06
rs73600433	C	0.0296
rs149239445	C	0.0559
rs10137814	G	-0.0202
rs242739	A	-0.0574
rs34720103	A	0.0407
rs118122451	C	-0.0494
rs145971827	T	-0.0824
rs139990976	A	0.0712
rs78048677	A	-0.0582
rs4901890	A	0.0166
rs77322676	G	0.051
rs11625342	A	-0.0682
rs55698428	G	-0.0275
rs11158679	A	-0.0206
rs17630716	C	0.0285
rs74700885	T	0.066

rs148489117	C	0.035
rs61992705	T	0.0545
rs8009653	T	-0.0565
rs7150966	G	0.0352
rs1954256	T	-0.0282
rs8008176	A	0.0164
rs148575021	T	-0.1138
rs6575728	C	0.0878
rs117603297	A	-0.0353
rs61996770	T	0.0377
rs76190431	G	-0.0617
rs12588124	T	-0.0166
rs1640246	G	-0.0253
rs59912232	T	0.0864
rs61986131	A	-0.032
rs72677461	G	0.0982
rs143228053	C	-0.0785
rs2333660	T	0.0146
rs112150875	A	-0.0356
rs75103339	C	-0.0577
rs6111	T	0.0304
rs1152796	T	0.0168
rs112653656	T	0.0412
rs1111704146	T	-0.0323
rs17125347	A	0.0187
rs4144603	T	0.0145
rs2158526	G	-0.023
rs11625812	G	-0.062
rs1275831	G	0.0192
rs56172761	A	0.0614
rs183266	C	0.022
rs61982383	T	-0.0228
rs28398007	C	-0.0267
rs113271083	T	0.0503
rs2254354	C	0.0144
rs112473970	A	0.0196
rs78888470	C	0.0461
rs1449415	G	0.0229
rs28712300	T	0.0331
rs145513308	C	0.0746
rs17097278	A	0.03
rs1570874	C	-0.0511
rs17199373	G	0.0294
rs141102578	C	0.1093
rs61978089	T	-0.0786
rs145538890	T	-0.042
rs78686073	C	-0.0432

rs117629077	G	0.0325
rs9806019	A	0.0144
rs1289427	T	-0.0139
rs10131897	T	-0.0528
rs1956801	C	-0.0153
rs12431801	A	-0.0239
rs78952003	G	-0.0298
rs114665728	T	-0.0521
rs72720179	G	0.0457
rs138982699	C	0.0992
rs147884458	T	-0.0695
rs75601869	G	-0.1151
rs1289248	A	0.0139
rs1889771	T	0.0211
rs1956607	C	0.0219
rs7150761	T	-0.0205
rs78942574	T	0.0168
rs10144176	A	0.0177
rs178916	G	0.0321
rs117091524	A	0.1135
rs6575162	A	-0.0884
rs227014	G	0.0448
rs8009197	G	0.042
rs112828279	T	0.0703
rs17757294	C	0.062
rs117347619	A	-0.0626
rs140317425	T	-0.0397
rs77017733	A	0.0323
rs12886370	T	0.02
rs117799428	C	-0.0943
rs61990304	C	0.0308
rs61981518	C	0.0276
rs872960	A	-0.0928
rs8010294	G	0.0138
rs3748361	C	-0.0194
rs79122706	C	-0.0986
rs12897262	T	-0.0276
rs6571626	T	-0.0275
rs148960672	G	0.0905
rs7141881	A	-0.0144
rs112653711	A	0.0475
rs80265448	T	0.0465
rs1286464	T	0.0232
rs75190483	G	0.1246
rs11626810	G	-0.0172
rs17099653	G	-0.1149
rs2174239	T	0.02

rs45440293	C	-0.0297
rs1956626	A	-0.0151
rs79767280	A	-0.0905
rs61989042	T	0.0354
rs7149650	A	0.0294
rs61978749	A	-0.0673
rs4982089	G	0.0202
rs78797696	T	-0.1108
rs1951633	G	-0.0201
rs178954	A	-0.0156
rs61985537	A	0.0557
rs149541654	G	-0.0607
rs117571814	A	-0.1062
rs179674	C	-0.0152
rs151212431	G	-0.1038
rs12882346	A	-0.0197
rs117163689	C	0.0545
rs113463470	T	-0.0751
rs111888147	A	-0.0765
rs150272308	C	0.0845
rs1288322	G	-0.026
rs71414171	T	0.0436
rs116963868	T	-0.056
rs943322	C	0.0758
rs17120531	C	0.0416
rs17091867	G	0.0978
rs79920746	T	-0.0368
rs117218925	G	0.0952
rs117962013	G	0.1048
rs12889912	T	0.0277
rs71419929	C	-0.0226
rs118011007	C	-0.0741
rs8013918	T	-0.0141
rs8016324	T	-0.0156
rs1169463	A	0.07
rs78326232	T	0.0229
rs117186178	T	-0.0782
rs12432015	C	0.0207
rs75408790	G	0.0378
rs73313647	T	0.0186
rs139933676	G	-0.0717
rs77387806	G	-0.0449
rs56318677	A	0.0507
rs11157542	A	0.0153
rs56266371	G	-0.0874
rs75354072	A	0.0799
rs78658675	C	0.0627

rs12586828	T	0.0222
rs111588285	A	0.0342
rs76000506	G	-0.0311
rs2268969	G	-0.0194
rs148680952	G	-0.0707
rs17092749	A	-0.041
rs10146906	A	-0.0145
rs77599703	A	-0.0507
rs117349787	A	-0.0547
rs79524307	T	-0.0777
rs117034324	A	0.1231
rs7156353	C	0.032
rs2181050	C	-0.0144
rs11620652	T	0.0188
rs12434295	T	0.0489
rs148306358	A	0.0477
rs2816679	A	0.0323
rs9672058	A	0.014
rs118006171	T	0.0772
rs76497249	T	0.0285
rs1698241	A	-0.0157
rs73281053	T	-0.0241
rs2098028	C	-0.0149
rs116364789	A	-0.0802
rs61049379	T	-0.0239
rs76742361	A	-0.0539
rs11159967	G	-0.0404
rs1076757	T	-0.014
rs11621312	C	-0.0165
rs35002771	T	-0.0231
rs1950588	G	0.0157
rs147496447	C	-0.0622
rs12435388	C	0.0248
rs149876811	A	0.1015
rs62005393	T	0.0679
rs2754063	A	-0.0198
rs138248890	A	0.0576
rs17110870	C	0.0198
rs3759519	C	0.0238
rs10144150	A	-0.0534
rs17091095	T	-0.0247
rs28884013	A	0.0513
rs139364717	A	0.1149
rs74049844	T	0.044
rs3783892	G	0.0253
rs74998509	G	-0.0743
rs883760	A	0.0233

rs1424885	G	0.0212
rs2873831	G	0.0586
rs2077557	G	0.0155
rs7154054	T	-0.0362
rs72680100	G	-0.0495
rs2789384	A	0.0236
rs7158186	T	-0.016
rs4077165	T	-0.0412
rs75634015	A	0.1067
rs8006116	A	0.0144
rs10138860	C	-0.0171
rs117353567	G	-0.0514
rs12590121	A	-0.053
rs10146566	G	0.0348
rs117289426	C	-0.0444
rs77880844	A	0.0601
rs12884464	C	0.0224
rs144560692	A	0.0736
rs113513550	C	-0.0521
rs148294734	A	0.0637
rs117245644	T	0.0701
rs1947393	C	-0.0137
rs17110681	G	-0.0324
rs72698945	A	0.0339
rs77602390	A	0.0359
rs2895890	G	-0.0169
rs9972278	T	0.0396
rs144337280	G	0.101
rs7142966	G	-0.037
rs77841346	A	-0.0256
rs17091674	T	0.0234
rs2025357	G	-0.0167
rs112433101	C	0.0334
rs59071933	A	-0.0218
rs8017598	G	-0.0606
rs198263	A	0.0147
rs8005907	C	0.0258
rs8009902	C	0.0158
rs8016033	A	0.036
rs145786277	A	-0.118
rs57148883	G	-0.0219
rs140857980	T	-0.0749
rs4906422	C	-0.0178
rs61983962	C	0.0395
rs45580231	A	-0.0584
rs79833822	A	0.0331
rs34393407	C	-0.0203

rs3093878	C	0.0258
rs79261742	A	-0.0589
rs66727721	A	0.0146
rs76745602	T	0.0678
rs35383727	T	0.0243
rs10498479	G	0.0308
rs72697047	T	-0.018
rs17124166	T	0.0227
rs61340848	T	0.0298
rs12881800	C	-0.0201
rs71427112	A	-0.0904
rs58783707	A	0.0288
rs906933	C	0.0158
rs11625375	C	0.0479
rs35745506	G	0.0133
rs141194975	G	0.0646
rs10148036	T	-0.0179
rs61989760	C	0.0965
rs2110697	C	-0.0148
rs58663838	A	0.0249
rs79584445	C	-0.0745
rs34929630	C	-0.0434
rs117351054	T	-0.0663
rs74427070	C	-0.0257
rs76189841	C	-0.0463
rs138304083	C	-0.0639
rs112593182	T	0.0713
rs35949304	A	0.0591
rs73346690	A	0.0281
rs12889412	T	0.0152
rs8014021	C	-0.0206
rs61744857	T	-0.0353
rs11844159	T	-0.0209
rs75987516	T	-0.038
rs17101773	T	0.0223
rs10150732	G	0.0674
rs74091119	G	0.0271
rs117400580	A	0.0456
rs113574894	T	-0.0604
rs76574367	C	-0.0488
rs917069	C	0.0162
rs73349365	T	-0.0454
rs60189618	T	-0.0257
rs17095231	G	-0.0457
rs41507344	T	0.0297
rs28673869	G	0.0216
rs17833329	T	-0.0158

rs117608670	G	-0.0556
rs17519834	A	-0.0351
rs17098943	T	0.0249
rs1190916	C	-0.0185
rs139232700	A	0.0955
rs117275379	C	0.0766
rs117941552	C	-0.0727
rs12435092	G	0.0175
rs11625222	G	-0.1181
rs78097224	C	0.0275
rs183302	A	-0.0211
rs11622364	T	-0.018
rs941636	A	0.0209
rs76878383	T	0.0966
rs72722652	T	-0.0855
rs75644893	A	-0.0489
rs72721903	G	0.0306
rs36085999	T	-0.0229
rs56202161	A	-0.068
rs72713425	A	-0.0772
rs117092223	C	-0.0388
rs2242618	A	0.0181
rs77801902	G	-0.0627
rs56007278	A	-0.0176
rs151199076	A	-0.0386
rs1676235	A	0.0166
rs143200059	T	-0.0616
rs117702811	T	0.0891
rs78764019	A	-0.0612
rs72728241	A	0.0205
rs72687396	A	-0.0238
rs11626317	A	0.0381
rs78428688	A	0.0927
rs61992802	C	0.0768
rs58721247	A	0.0301
rs76690205	C	-0.0272
rs7159563	C	0.0138
rs1058327	G	-0.0236
rs74674485	C	-0.0704
rs139356755	T	-0.0673
rs67684188	C	0.0207
rs60808852	G	-0.0152
rs1959091	G	-0.0216
rs34631533	T	-0.0904
rs77421433	C	0.0677
rs1533357	T	-0.0229
rs117080544	A	-0.0474

rs79643370	T	-0.0419
rs72716489	A	-0.0523
rs10139973	A	0.0149
rs61989413	T	0.0197
rs17120368	A	0.0358
rs58538445	G	0.0198
rs61980370	A	-0.0229
rs79926180	A	0.0397
rs28417404	A	0.0206
rs74593981	A	0.0395
rs34563123	T	-0.0417
rs77534171	T	-0.023
rs2883051	A	0.0297
rs111650618	G	0.1114
rs60724295	G	-0.0407
rs850261	A	-0.0134
rs34936049	A	0.0165
rs17117038	C	0.0371
rs8015750	A	-0.0243
rs117534404	T	-0.0891
rs67850238	G	0.0282
rs78659153	G	0.0664
rs9658629	T	0.023
rs118054019	C	0.0497
rs7153853	A	-0.0497
rs74562530	T	-0.0594
rs9919924	T	0.0181
rs142610491	G	0.0729
rs4982508	C	-0.0136
rs72694230	C	0.0885
rs74751684	G	-0.0418
rs11850806	G	0.0473
rs111423879	A	-0.021
rs2181663	C	-0.0167
rs140907722	T	-0.1029
rs7158025	G	0.014
rs140589147	T	-0.0561
rs74902155	C	-0.0697
rs11620733	A	0.0144
rs17555271	G	-0.0317
rs75133067	G	-0.0695
rs74624233	A	-0.0626
rs6571611	C	0.0139
rs61257813	A	0.0432
rs76544000	G	-0.1211
rs77004161	C	0.0208
rs72682936	A	0.0785

rs147112707	G	0.087
rs61990396	C	-0.0487
rs79509351	T	-0.0777
rs7144470	T	0.0256
rs147637797	A	0.0467
rs932484	T	-0.0241
rs17098834	T	0.0629
rs77808563	C	0.0474
rs12435483	T	-0.0183
rs7143690	C	-0.0154
rs79465765	C	-0.0794
rs111798677	T	0.0637
rs61975601	A	-0.0278
rs4904899	C	-0.0131
rs35863119	C	-0.0266
rs117654472	T	-0.0961
rs8023177	T	0.0223
rs17114743	G	-0.0749
rs991550	G	-0.025
rs117950772	A	0.0562
rs79124945	T	0.0931
rs80009857	C	-0.049
rs74536787	A	0.0451
rs2810055	A	0.0156
rs7143818	T	-0.0466
rs56189879	G	-0.0773
rs12590630	C	-0.0274
rs11626568	C	-0.0223
rs17100963	A	0.0247
rs111875515	T	0.0543
rs78415763	T	0.0322
rs17097165	T	0.0375
rs4598819	C	0.063
rs117348149	A	0.1016
rs7141174	T	0.0223
rs34976846	T	0.0144
rs28735841	C	-0.0953
rs146539464	T	0.069
rs145124894	A	-0.0504
rs7150804	C	0.0298
rs116915205	A	0.1204
rs8007797	T	-0.0156
rs742897	T	-0.015
rs117031069	C	0.0823
rs74755385	G	-0.0697
rs72734078	A	-0.1129
rs141706091	A	-0.0637

rs176903	A	0.0137
rs78208274	C	-0.066
rs55876213	T	0.0309
rs1984507	C	0.0283
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rs1152401	G	0.0159
rs150651146	C	-0.0583
rs11156732	C	0.0137
rs6571577	A	0.0138
rs79600573	T	-0.0827
rs9671833	G	-0.0154
rs10872856	T	0.029
rs12434436	A	0.0135
rs2022879	G	-0.0647
rs72672234	C	-0.0246
rs75057562	T	-0.0171
rs61996507	T	0.0545
rs55896096	A	-0.034
rs12587772	G	-0.0368
rs28440126	T	-0.0165
rs17107644	T	0.0465
rs17093357	C	-0.0242
rs139435306	A	0.1049
rs11627338	G	-0.0153
rs17676085	A	0.0449
rs17763289	T	-0.0314
rs117870589	A	-0.0328
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rs932261	A	-0.0222
rs1952832	A	0.0584
rs8013197	T	-0.0164
rs117897065	G	0.1436
rs12882996	A	0.0137
rs4900000	C	-0.0141
rs144209558	A	-0.0408
rs141021148	G	-0.1072
rs111364917	G	0.0394
rs61988684	A	-0.0337
rs7156806	A	-0.0211
rs464306	G	0.0451
rs147866636	T	-0.0821
rs10139701	G	-0.042
rs117101324	A	-0.0406
rs114354741	A	-0.0483
rs56262266	G	0.034
rs61995621	C	0.0189
rs11157836	A	-0.0203

rs77729313	C	0.063
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rs941504	C	-0.0283
rs117740473	G	0.0405
rs34532009	C	-0.0607
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rs10138717	C	-0.0273
rs56102397	A	-0.0453
rs723113	T	0.0132
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rs72686266	C	-0.0369
rs117230172	A	-0.0673
rs150842300	G	-0.1107
rs1475002	A	0.0349
rs61982145	G	0.0247
rs36176094	G	0.0585
rs148443991	A	0.1342
rs139339441	G	-0.0605
rs117172337	C	-0.0487
rs17792790	G	-0.0922
rs10484188	T	0.0131
rs113291338	C	0.0299
rs1381596	T	-0.0707
rs943992	C	-0.0308
rs73269048	A	0.0139
rs2186074	C	-0.0258
rs75408695	A	0.045
rs35812616	A	-0.0452
rs10150710	T	0.0144
rs12435203	A	-0.0148
rs141194204	T	-0.0636
rs1189279	G	0.0137
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rs17105533	T	-0.064
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rs1268411	G	0.0184
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rs80090448	C	0.045
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rs72664843	A	0.0309

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rs2771369	T	0.0176
rs77357396	T	-0.0974
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rs72685713	T	-0.054
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rs150967906	G	-0.0652
rs2333108	G	-0.0195
rs4905639	T	-0.0164
rs12891666	G	-0.0147
rs77083672	C	0.0604
rs11621658	G	0.015
rs78365688	T	-0.0495
rs12589609	T	-0.0246
rs117959454	A	-0.0728
rs111983953	A	-0.0495
rs12436090	A	-0.0239
rs61986018	G	0.0919
rs3954286	C	0.0154
rs112641267	A	0.0292
rs958213	G	0.0479
rs11156834	C	-0.0215
rs78339424	T	0.0416
rs12881408	T	0.0294
rs55637245	G	0.0202
rs7143796	A	0.0133
rs35390425	C	-0.0319
rs11847993	C	-0.0135
rs11159891	T	-0.0138
rs72667380	A	0.0198
rs117026794	T	-0.0674
rs113885810	T	0.0447
rs6575276	C	0.0147
rs179079	T	-0.0192
rs117639348	G	-0.0804
rs112193335	T	-0.102
rs17093844	C	0.0349
rs1257677	T	-0.0132
rs116190485	T	-0.0444
rs118054391	A	-0.0587
rs144750526	G	0.0809
rs12437014	C	0.0846
rs117527709	A	-0.0786
rs72728055	C	0.0477
rs148870304	A	0.0956
rs146616132	T	0.0703
rs17740973	A	-0.0441

rs11156737	C	0.0141
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rs8009575	T	-0.0152
rs4898651	T	0.0139
rs57533370	A	-0.0219
rs7141242	A	0.0151
rs144177274	A	0.0953
rs867402	A	0.0185
rs11159614	A	0.0198
rs113016477	A	0.0362
rs75857744	C	0.0333
rs10147857	C	-0.0158
rs117023038	T	-0.0559
rs112761415	T	-0.0278
rs4898984	A	0.0127
rs7143602	T	0.0268
rs59623620	T	0.0171
rs139517889	T	0.0794
rs7157963	A	0.0155
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rs117911063	T	-0.066
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rs61989805	C	-0.0255
rs7145739	A	0.0212
rs142247335	T	0.0714
rs118129238	T	-0.0638
rs77006525	C	0.0638
rs75090250	A	0.0609
rs75581265	G	-0.0637
rs80085411	A	-0.0461
rs8014119	C	0.0253
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rs143372756	A	-0.0508
rs141190050	A	0.0628
rs74345955	A	-0.0589
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rs114474759	G	-0.062
rs11847845	A	0.0196
rs12890988	G	0.016
rs143486944	A	0.0219
rs34084623	T	0.0304
rs138420041	T	0.0433
rs117414938	A	-0.0824
rs1245194	C	0.023
rs3742758	A	0.0498
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rs2318860	C	-0.0129
rs12884912	C	0.0135
rs1189106	T	-0.013
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rs76308563	A	0.0292
rs10143898	G	0.0143
rs11160321	T	-0.032
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rs8009006	A	-0.0335
rs7143080	A	-0.0493
rs17121241	A	0.0466
rs4899970	A	0.0138
rs72705390	T	0.0824
rs883350	T	-0.0505
rs61985541	C	-0.0454
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rs1243489	C	0.0139
rs72683267	C	0.0264
rs2775269	T	-0.0331
rs1315995	C	-0.0145
rs150103168	T	0.0607
rs980691	C	-0.0195
rs79610051	C	0.0978
rs77730612	T	-0.0957
rs145209138	A	0.0539
rs11158879	G	0.0236
rs17128989	C	0.0413
rs12885205	A	-0.0151
rs61979062	T	-0.0636
rs12586570	G	0.0224
rs434161	C	-0.0228
rs8018270	A	-0.0219
rs12887841	A	0.0213
rs74959604	A	-0.0547
rs7155504	C	0.0226
rs35125160	C	-0.0159
rs78697441	A	0.0621
rs760247	G	-0.0148
rs72671155	G	0.0828
rs78426230	A	-0.0604
rs234151	G	-0.0143
rs118083570	T	-0.0735
rs12889358	G	-0.0135
rs11623498	G	-0.0376
rs79759267	C	-0.0564
rs139240460	A	0.0786

rs194772	A	0.0123
rs66508743	A	0.0196
rs141110501	T	0.1092
rs1430479	A	-0.0213
rs11627543	T	0.0625
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rs76964549	G	-0.0553
rs77364669	G	-0.0901
rs10146812	T	-0.0144
rs76434884	A	0.0373
rs79751812	T	0.045
rs150525871	T	0.0693
rs11847897	C	-0.0159
rs28595154	C	-0.0137
rs2789385	C	-0.0463
rs77005097	T	0.0305
rs1120033	C	-0.0128
rs9943997	A	-0.0136
rs8012921	T	0.026
rs117646263	T	0.0546
rs2693677	G	-0.0145
rs74873209	C	0.0486
rs17438210	G	0.0189
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rs10146642	T	0.0449
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rs79974986	T	0.0618
rs76482268	A	0.0348
rs117331481	T	-0.0882
rs35629402	G	-0.0156
rs61998981	A	0.0531
rs117688148	T	-0.0724
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rs61984879	A	-0.0294
rs117581570	A	0.0328
rs143804056	C	-0.0415
rs112813371	A	-0.0421
rs113276094	G	0.0534
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rs149552268	T	0.0477
rs8016998	C	-0.0127
rs57066261	C	-0.0234
rs118158492	A	0.0675

rs10129964	T	-0.0554
rs4906066	C	0.013
rs1191552	C	0.0439
rs111371607	A	-0.0616
rs117830389	A	-0.1115
rs17096307	T	0.0359
rs61992471	C	-0.026
rs148238833	A	-0.0787
rs4567639	G	0.0126
rs61983085	G	-0.0599
rs77049796	A	-0.0258
rs12587255	T	-0.0162
rs117207394	A	0.0685
rs864033	C	0.0313
rs78425357	C	0.0485
rs117691185	A	0.097
rs4356397	A	-0.0536
rs1950663	T	0.0143
rs1683095	G	-0.0166
rs118078467	T	0.0552
rs7152222	G	0.0236
rs74819206	T	0.0665
rs2293713	T	0.0781
rs1958048	G	-0.0526
rs111324789	T	-0.0389
rs2332911	G	-0.04
rs17094860	A	-0.0972
rs222675	A	-0.0172
rs28706858	A	0.0155
rs145104950	T	0.0653
rs75968520	G	-0.0665
rs6572840	A	0.0176
rs111453093	C	0.02
rs2536142	G	-0.0192
rs78867094	T	0.0742
rs35365725	C	0.0193
rs11160222	T	-0.0221
rs74342550	A	0.0416
rs28529220	T	0.0173
rs17602677	C	-0.0721
rs76096984	G	0.0525
rs55731113	T	0.1048
rs35606240	C	0.0415
rs4904736	A	0.019
rs28497920	C	-0.0166
rs77774273	A	0.0415
rs145664949	A	-0.0202

rs80191891	C	0.0794
rs111878356	T	-0.0452
rs75258126	A	-0.077
rs12887059	T	0.0128
rs7150516	G	-0.0353
rs144717887	A	0.0598
rs138128533	A	0.0633
rs117334896	A	0.053
rs713109	T	0.0199
rs10150203	T	-0.0174
rs116889152	C	0.0641
rs17884694	G	-0.0364
rs143046104	G	0.0295
rs11159206	C	-0.0307
rs7148611	C	0.0257
rs141497892	C	-0.068
rs2099275	C	0.0128
rs3813543	A	-0.0122
rs7141707	C	-0.0135
rs12147088	G	0.0157
rs112256822	C	0.0583
rs76684539	T	0.0595
rs78658913	A	-0.0596
rs4905999	A	-0.0164
rs9323621	A	-0.0147
rs210304	T	-0.0386
rs58991082	C	0.0647
rs56291641	T	-0.0129
rs1951030	G	-0.0406
rs434181	G	-0.0126
rs11159701	T	0.0258
rs112824593	A	0.03
rs111559949	A	-0.0727
rs12896166	C	-0.0556
rs118156139	C	0.0557
rs78407258	A	-0.098
rs1292008	T	0.0684
rs7155613	C	-0.0122
rs68062833	A	-0.0171
rs11620719	C	0.018
rs142125191	A	-0.0612
rs73350470	C	0.0238
rs17806459	G	0.0264
rs117044927	A	0.0649
rs75205153	A	-0.0707
rs11627833	G	0.0269
rs78065194	G	-0.0842

rs2896137	A	-0.0124
rs8021570	T	0.0385
rs8018167	T	-0.0865
rs1998057	C	-0.0128
rs9944127	G	-0.0127
rs72726303	T	-0.0185
rs151101	C	-0.037
rs117774272	C	-0.0836
rs7359088	G	0.013
rs7150887	T	0.022
rs36092299	G	0.0482
rs28520688	G	0.0197
rs78873849	A	0.0398
rs117086746	G	0.0487
rs17255329	A	-0.0406
rs55961676	G	-0.0321
rs61976965	A	0.0192
rs74041793	C	-0.0277
rs113246377	A	-0.0597
rs74792371	G	-0.029
rs1159998	G	0.0212
rs10483541	C	-0.0411
rs1045863	C	0.0382
rs77154201	C	-0.0234
rs73290538	T	0.0308
rs7153206	A	0.0218
rs945017	A	0.0209
rs117990403	C	-0.0742
rs4255724	G	-0.0259
rs10148158	T	0.014
rs12885365	T	0.0166
rs10140464	G	0.0167
rs78292244	C	0.0524
rs117800998	C	0.0331
rs61977150	T	0.0827
rs8018390	T	-0.0314
rs76860291	A	0.076
rs76532736	C	-0.0547
rs117911262	A	-0.07
rs117711795	G	0.0471
rs117951008	G	0.0535
rs117726183	T	0.0605
rs111335485	A	0.0571
rs11159090	C	0.0125
rs72678228	A	0.0571
rs116857941	C	0.0434
rs17116326	C	-0.0138

rs77488561	C	-0.0627
rs35265133	C	-0.038
rs7160869	T	-0.0138
rs79032800	A	0.0597
rs78379675	G	-0.0726
rs142020496	G	0.0477
rs60612595	C	0.0307
rs962119	G	0.0136
rs113779911	T	0.0667
rs1959993	A	0.0292
rs117695852	T	0.051
rs76618809	T	0.0455
rs8003016	A	-0.0152
rs78908056	A	0.0509
rs944123	A	0.0272
rs7146512	C	-0.0128
rs8005548	C	0.0199
rs59251010	A	-0.0786
rs17199380	G	0.0448
rs60332364	C	0.031
rs76596936	C	-0.0717
rs79097248	G	-0.0541
rs10444675	A	0.0627
rs61342200	A	0.0506
rs12897838	A	0.0459
rs17115605	C	-0.0242
rs1073778	T	0.0134
rs2753616	G	0.0121
rs12890887	T	-0.0142
rs10132572	G	-0.031
rs12434407	G	0.0124
rs74088310	G	0.0236
rs75434431	A	-0.0644
rs144335491	T	0.0715
rs55855318	A	-0.0275
rs1955851	G	-0.0131
rs2254817	T	-0.0169
rs61988300	G	-0.0207
rs79755583	A	0.0453
rs11159918	G	0.0244
rs1335525	T	-0.0133
rs111820782	T	-0.0729
rs225954	T	-0.0123
rs976147	T	-0.0249
rs1285835	C	-0.012
rs117784289	T	-0.0839
rs75304266	A	0.0391

rs4902073	T	-0.0484
rs60764762	A	0.0489
rs74062013	T	-0.0686
rs151117479	T	0.0442
rs74379011	C	0.0463
rs112639902	T	-0.0403
rs17091448	C	0.0148
rs10129700	A	0.0129
rs111238409	G	-0.048
rs58321573	C	-0.0724
rs862141	G	0.0154
rs61993619	A	-0.0186
rs12434868	A	-0.0243
rs73253341	A	0.0874
rs74434001	A	0.0207
rs116854560	T	0.0506
rs76511386	A	0.0898
rs117933773	A	-0.041
rs7142876	T	0.096
rs7150367	A	-0.0719
rs1263793	G	-0.0123
rs118025328	T	0.0658
rs74793565	C	0.0489
rs72667870	G	-0.0157
rs8016776	T	0.0144
rs17712565	C	-0.0374
rs117884592	A	-0.0541
rs117939544	G	-0.0532
rs12431724	A	0.0191
rs74080254	A	-0.0195
rs74382458	G	0.074
rs1257297	A	0.0174
rs117180235	A	-0.076
rs58028684	A	-0.0368
rs61979245	T	-0.0316
rs76892622	G	-0.0592
rs76069159	T	0.0284
rs34648344	T	0.1099
rs1190965	G	-0.0176
rs142522794	C	0.0478
rs10149170	A	0.0138
rs77184935	T	-0.0949
rs141775380	T	0.0346
rs60849954	T	-0.0319
rs144723379	G	0.0642
rs1257331	T	-0.0184
rs4982362	G	0.0268

rs60168438	C	-0.0176
rs75857862	G	0.0452
rs138949716	T	-0.0694
rs35620033	G	-0.0255
rs61988752	A	0.0194
rs140959954	A	-0.0795
rs7152347	C	-0.0141
rs148925427	C	0.0632
rs76627628	A	-0.0408
rs7145891	A	0.0202
rs117767723	A	0.0755
rs148749533	T	0.049
rs9646172	T	-0.0252
rs142327544	C	0.0368
rs77836807	T	0.0206
rs17121550	G	-0.0127
rs112145150	A	-0.0347
rs141275165	G	0.0384
rs9646166	C	0.0135
rs28489163	A	-0.0182
rs74644698	T	0.0552
rs17277025	T	-0.024
rs144936054	G	-0.0162
rs2274081	A	-0.0158
rs17179588	A	-0.0671
rs17722054	T	0.0397
rs1009295	G	0.0277
rs149166745	T	-0.0833
rs57579264	T	-0.0139
rs72676785	T	0.0583
rs12878167	T	0.0163
rs61985024	C	0.0521
rs12893528	C	0.0204
rs34591858	A	0.0345
rs76055590	G	0.0726
rs61975762	T	-0.0336
rs173383	G	-0.0127
rs11157049	G	-0.0306
rs143966465	T	-0.0958
rs138780553	G	-0.0804
rs150386758	G	-0.0521
rs2204942	A	0.0736
rs72684308	G	-0.0157
rs17093860	G	-0.0659
rs138639208	A	0.0526
rs2362862	T	0.0119
rs138566474	G	-0.0806

rs117263938	G	0.0593
rs117732703	G	0.0661
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rs2145528	A	0.0153
rs17650363	A	0.0183
rs8008354	T	-0.0204
rs1844510	T	0.0116
rs142720930	T	-0.0795
rs72677211	A	-0.0501
rs143014046	A	0.0712
rs850274	A	0.0117
rs1959167	T	-0.0543
rs6573412	G	0.0139
rs2236742	T	-0.0165
rs79023778	G	0.0245
rs74062122	T	-0.0332
rs41286574	A	0.0652
rs1713446	C	-0.0151
rs1956430	C	0.0298
rs117995474	C	-0.0954
rs17100852	C	0.0397
rs12433022	C	0.0332
rs28888084	A	-0.0154
rs72724064	T	0.0505
rs142358270	T	0.0584
rs1270516	A	-0.0247
rs72699072	T	-0.026
rs977047	A	-0.0143
rs143395211	A	0.0911
rs2516592	T	-0.0143
rs76683768	C	0.0706
rs72660469	G	0.0637
rs12436410	A	-0.0859
rs78610959	G	-0.0278
rs34916093	A	0.0145
rs112679955	G	0.0395
rs112876642	G	0.065
rs12433276	G	0.0171
rs117807231	T	0.0722
rs12883497	G	0.0203
rs956264	A	0.0119
rs142657823	A	0.0586
rs117038069	T	-0.0413
rs4542577	T	-0.0143
rs112085721	A	0.0414
rs77916778	A	0.0209
rs72710251	T	0.0524

rs72675706	G	-0.0364
rs28679793	G	-0.0145
rs117655019	T	-0.0915
rs721867	G	0.0173
rs2006647	T	-0.0184
rs61997833	T	0.0735
rs139444749	A	0.0584
rs2022773	T	0.0219
rs4983375	T	0.022
rs113771914	G	0.061
rs35688580	A	0.0159
rs113040544	A	-0.0572
rs6574512	G	-0.0168
rs61981059	C	0.0554
rs150949427	A	0.0247
rs117189402	G	0.0452
rs75413618	C	0.0249
rs142141031	G	-0.045
rs77882510	T	-0.0208
rs6575188	G	0.0186
rs112529243	C	-0.0169
rs12147614	C	0.018
rs370080	A	0.0646
rs11160566	G	0.027
rs3945419	G	0.0132
rs74242275	A	0.0511
rs11847263	G	-0.0124
rs79820977	G	0.0308
rs12882879	G	-0.0252
rs7154981	C	0.014
rs58608023	T	0.05
rs72674304	A	0.0138
rs1028536	A	-0.0223
rs4903222	T	-0.0156
rs141485830	C	0.0753
rs72667939	C	-0.0385
rs4258526	G	0.0129
rs77860969	C	0.0523
rs17098131	A	-0.0498
rs4902836	G	-0.0206
rs2104982	G	-0.0201
rs112595353	A	0.0752
rs149391212	T	-0.0582
rs61997694	T	-0.0402
rs111824809	T	-0.0515
rs8012511	C	0.0155
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rs144965225	A	0.0405
rs17223607	C	0.0417
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rs17092802	G	0.0116
rs74080298	A	-0.0315
rs117712454	A	0.0382
rs149622194	C	-0.0591
rs17095160	G	-0.0129
rs79669475	A	0.0562
rs78443435	A	0.0478
rs4586355	C	0.0154
rs4905091	T	-0.0122
rs112799115	T	0.0631
rs8020028	A	0.0336
rs139012072	T	-0.0693
rs113150480	C	0.0474
rs74410517	C	0.052
rs147071162	T	-0.0647
rs77570945	T	0.081
rs111786641	C	-0.0596
rs10444701	C	0.0193
rs17757383	C	-0.04
rs11626909	G	0.0403
rs146193189	A	-0.0364
rs73354264	G	-0.0164
rs10220507	G	0.0214
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rs76222085	T	-0.0531
rs75836976	T	0.0388
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rs76102338	T	0.0424
rs10137088	T	-0.0154
rs1241650	A	-0.0201
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rs76915279	C	0.0546
rs8021587	T	-0.0158
rs74645434	T	0.0485
rs17100040	G	-0.0183
rs138789810	A	0.078
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rs113263423	T	-0.1236

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rs10144504	A	0.0115
rs55793422	A	0.0319
rs149754662	A	-0.0841
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rs76828844	C	-0.0972
rs61986311	T	0.0358
rs35095262	C	-0.0136
rs17833053	A	-0.0176
rs76559581	A	-0.0257
rs1956803	T	-0.0113
rs45469294	C	0.1018
rs73286407	T	-0.0221
rs11848250	G	-0.0198
rs74844467	T	0.0615
rs35056731	T	-0.016
rs71426959	A	-0.0157
rs141276653	T	0.0411
rs55856990	T	0.0138
rs7150306	A	-0.0197
rs71423396	A	-0.0907
rs148346750	A	0.0767
rs150502739	A	0.0381
rs117369541	A	-0.0676
rs1997987	T	0.0129
rs150542944	C	0.075
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rs117786923	T	0.0863
rs8015793	C	0.0152
rs111231192	G	0.0758
rs79986622	A	0.0823
rs115024289	T	-0.0523
rs7147996	A	0.0117
rs145427243	T	-0.0997
rs75816037	C	0.0345
rs117381499	T	-0.0247
rs148000404	G	0.0896
rs1805061	G	0.0197
rs12892220	A	0.014
rs57506042	A	-0.0525
rs72682304	G	-0.0503
rs141835834	A	-0.0542
rs10129691	T	0.0186
rs11160031	T	-0.0114
rs145818861	A	-0.0119
rs10138661	C	-0.0255

rs17833416	T	0.0385
rs117560825	G	0.0629
rs17126013	A	0.0406
rs61990075	C	-0.0349
rs2242541	C	-0.0289
rs12895527	T	0.0538
rs77475314	A	-0.0367
rs73606341	T	-0.0384
rs178642	G	0.0138
rs57755216	G	-0.0406
rs61983030	G	-0.0517
rs116646101	T	-0.0886
rs17101030	C	0.0191
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rs118191417	T	0.0466
rs144361907	G	0.0835
rs113765137	T	-0.0313
rs149713722	A	0.0613
rs12878169	C	-0.0238
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rs17100248	G	0.039
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rs10148644	T	0.02
rs11628060	T	-0.0154
rs117958441	T	0.0445
rs111665913	T	-0.08
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rs221467	G	-0.02
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rs191940	T	-0.0198
rs76944880	G	0.0602
rs111248515	C	0.0523
rs35133190	C	0.0121
rs10144484	A	-0.0127
rs10144537	G	0.0191
rs142126888	A	0.0437
rs78926146	A	-0.0326
rs4904692	A	0.0222
rs140550800	T	-0.0615
rs77484063	C	0.0792
rs111813315	C	-0.0506

rs12587502	C	0.0146
rs58781996	G	-0.0634
rs117018224	C	-0.0767
rs11624540	G	0.0225
rs35596668	G	0.0228
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rs14076	C	-0.0308
rs35819956	C	0.0456
rs76536290	A	0.0204
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rs77662617	A	0.0481
rs17776519	A	0.0231
rs36122378	T	-0.0462
rs7146194	A	0.016
rs116854293	A	0.0568
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rs2273633	C	0.0417
rs34166498	C	-0.0204
rs10141099	A	-0.0146
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rs111237872	A	-0.05
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rs61979289	A	0.0216
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rs1279316	G	-0.0128
rs986876	A	-0.0421
rs143232703	T	-0.0753
rs71430742	A	-0.0444
rs72681101	A	-0.0543
rs17461067	G	-0.0339
rs34606524	T	-0.0514
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rs117190104	T	0.0614
rs1950202	A	0.0121
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rs11159992	G	-0.0144
rs7158517	G	0.041
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rs78149822	A	-0.0518
rs75842223	C	0.053
rs938884	C	-0.0128
rs76517184	A	0.0294
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rs112820013	A	-0.0795
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rs10132226	T	-0.0135
rs200353	G	0.0361
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rs12433541	T	0.0565
rs10137036	G	0.0123
rs3949543	T	0.0161
rs139160011	C	-0.019
rs117110376	T	-0.0643
rs79136909	T	0.0203
rs1631191	A	0.013
rs79546529	T	-0.0663
rs113435694	A	0.046
rs7155441	T	0.0563
rs12884141	T	-0.011
rs117255495	C	-0.0358
rs61984862	T	-0.0688
rs8007153	C	-0.016
rs2029575	G	-0.0144
rs2596116	C	0.0142
rs2352988	T	-0.0208
rs146085779	G	0.0373
rs11158220	A	-0.0143
rs11848409	C	0.0193
rs61980180	T	-0.0417
rs79400575	G	0.0647
rs138566684	A	0.0775
rs118185074	T	-0.0398
rs150016422	A	0.0525
rs2333695	A	-0.0299
rs17097500	A	-0.0174
rs17795094	T	-0.0178
rs1748950	G	-0.0515
rs2108759	G	-0.0215

rs1429847	T	-0.0209
rs7144771	C	-0.0224
rs856214	C	0.0114
rs17105444	G	0.0238
rs78320125	G	-0.0205
rs6575589	A	0.0166
rs10483304	G	0.0187
rs79552719	A	-0.0259
rs45502891	G	-0.0275
rs76970682	A	0.0265
rs78009249	C	0.0421
rs77852537	T	-0.0407
rs79713567	T	-0.0585
rs710306	C	0.0221
rs72671039	A	-0.0443
rs7145300	G	0.0159
rs75210839	C	0.0314
rs7151414	T	0.0496
rs2887878	C	0.0173
rs150653905	C	-0.0544
rs17541540	C	-0.0149
rs113201911	A	0.0651
rs150188710	T	0.0553
rs117341158	C	0.0561
rs75682006	T	0.0221
rs28582534	A	-0.0223
rs116882402	T	0.0696
rs113437438	T	0.0543
rs1257490	A	0.0192
rs10138473	G	0.0115
rs7159025	G	0.0188
rs75841719	A	0.0457
rs78895491	G	0.0467
rs4901062	G	-0.013
rs72688253	C	-0.0782
rs61979307	A	0.0204
rs1044502	A	-0.0121
rs61981945	G	-0.0269
rs10467756	C	0.0154
rs150870855	A	-0.0313
rs8014070	T	0.0117
rs142068514	C	-0.0502
rs113973020	C	-0.0261
rs7141906	A	0.0119
rs143145963	T	-0.071
rs117334169	A	0.0986
rs12879019	C	0.0156

rs8008975	C	-0.0181
rs10133275	C	-0.0126
rs79150770	T	-0.1205
rs4143894	A	-0.011
rs28522347	A	-0.0116
rs2333606	T	-0.0593
rs698020	G	0.0178
rs10483366	T	0.0157
rs1984239	C	-0.0145
rs79585442	A	0.0624
rs1483109	C	0.0125
rs142182836	G	-0.0407
rs8021910	C	-0.0851
rs1772025	A	-0.0125
rs1465635	T	0.0181
rs724023	C	-0.0143
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rs111612099	G	0.0242
rs117387656	T	-0.0975
rs12147414	A	0.0219
rs74735254	A	-0.0166
rs12147578	T	0.0134
rs118052049	G	0.0712
rs6573757	A	0.0144
rs61990326	A	-0.0321
rs17457610	T	-0.0157
rs2022596	C	0.0113
rs117445998	A	-0.0905
rs4547256	C	-0.0117
rs79886351	T	-0.0229
rs77359395	T	-0.0224
rs4899993	T	-0.0218
rs147118726	G	0.0568
rs112190985	A	0.0346
rs75635162	C	-0.0291
rs77754484	G	-0.0756
rs4900470	G	0.0164
rs117585087	A	0.0301
rs59355307	C	0.0278
rs17716594	C	-0.0146
rs61748277	A	-0.0432
rs2093010	A	0.0223
rs58348526	A	0.0558
rs10134935	C	-0.0126
rs116959602	T	-0.0629
rs10131049	A	0.0643
rs8007140	T	-0.0112

rs1748963	T	0.0113
rs9671696	G	-0.0146
rs145728269	G	-0.0706
rs142639926	T	0.0496
rs55924511	A	0.0171
rs7150152	A	0.0187
rs11624468	C	-0.0164
rs113494246	C	0.0156
rs7156273	C	-0.0109
rs141660506	A	0.0783
rs77173676	A	0.017
rs10151850	G	-0.0116
rs117259846	A	0.0657
rs729184	A	-0.0215
rs56327799	A	-0.0763
rs12589834	G	-0.0155
rs79210613	A	-0.0625
rs1285651	C	-0.0149
rs7156224	G	-0.0111
rs76847589	A	-0.035
rs78790576	C	-0.0762
rs35675334	T	0.0212
rs4982732	G	0.0191
rs144277492	A	-0.0163
rs17796813	A	-0.0271
rs12878498	T	0.0409
rs57813737	A	-0.0142
rs61981475	T	-0.0174
rs117755536	C	0.0285
rs61973598	G	-0.0209
rs34522487	C	0.0162
rs28666002	G	-0.0456
rs58545888	A	-0.0165
rs149760621	A	0.0673
rs112285851	A	0.0553
rs78678256	A	0.0529
rs79849564	T	-0.0166
rs117315615	C	0.0371
rs2277512	G	-0.0107
rs4900533	C	-0.0151
rs79288025	T	-0.0427
rs78323721	G	0.0901
rs72703283	T	0.0413
rs75941833	C	0.0698
rs111558072	G	-0.0188
rs72678956	A	0.0572
rs34562553	A	0.0524

rs1959687	T	0.0118
rs138649947	A	0.0526
rs72686135	A	0.0538
rs75896188	G	0.0691
rs17824437	A	-0.0241
rs117523210	A	0.0456
rs12432280	C	0.0163
rs72697669	C	0.0251
rs76478922	T	0.0444
rs141260780	T	0.0556
rs114808606	C	-0.0627
rs58424886	A	-0.0133
rs117455373	G	0.0545
rs1483904	A	0.0219
rs78781416	T	-0.0607
rs222699	G	-0.0231
rs74409588	G	-0.0424
rs7156250	C	0.0118
rs79711857	A	0.0334
rs76568656	A	-0.0397
rs11627376	A	0.0175
rs148515519	G	-0.0552
rs61975591	T	0.026
rs4262882	T	-0.0257
rs166542	C	-0.0107
rs910348	T	-0.0111
rs12586631	C	0.0378
rs61985272	T	-0.0114
rs139181052	G	0.0953
rs114405954	G	-0.062
rs6573596	T	0.0198
rs7148107	A	-0.0211
rs72733669	C	0.0143
rs2209806	A	0.0124
rs74976084	T	0.0363
rs2012750	C	-0.0125
rs117264193	A	0.0564
rs17108225	T	-0.0421
rs1977233	A	-0.0145
rs74590432	T	-0.0235
rs118046606	T	0.0298
rs1278930	A	-0.0133
rs55937206	A	0.0139
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rs117980309	G	0.0652
rs118021952	G	0.0851
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rs35539405	A	-0.0474
rs2228233	T	-0.0119
rs1886156	T	-0.0164
rs56123038	G	0.0182
rs4021330	G	-0.0113
rs149720917	G	0.3357
rs905450	A	-0.0869
rs113294283	A	0.1887
rs72752746	C	0.1892
rs147806167	T	-0.4791
rs17646025	T	-0.0897
rs72757489	C	-0.3642
rs17237984	G	-0.1461
rs17526269	T	-0.0731
rs59158066	A	0.3807
rs72751481	A	-0.1541
rs10438390	T	0.1613
rs596379	C	-0.0653
rs75607373	T	0.6456
rs140814209	A	0.3621
rs72731137	G	-0.1288
rs16954437	G	-0.1625
rs6496619	A	-0.0789
rs4144948	C	0.0968
rs76918937	G	0.2792
rs4932350	A	0.0641
rs72751596	A	-0.1735
rs6496730	T	-0.0831
rs141966013	C	-0.3066
rs2414750	T	-0.061
rs11858909	T	-0.0571
rs72758324	G	0.2653
rs34876473	C	0.0605
rs7496078	C	-0.0783
rs3803406	G	0.0583
rs56241653	G	0.0622
rs3947042	A	0.2671
rs981820	A	-0.0625
rs8025296	A	-0.0659
rs1145090	A	-0.2779
rs11070906	C	-0.0798
rs11629676	C	0.1034
rs34859229	T	-0.0589
rs11631899	G	0.0549
rs55746684	A	0.1825
rs8032746	G	0.0923

rs75496606	T	0.3923
rs144054970	T	0.3527
rs11071706	C	0.0616
rs9944277	C	0.087
rs117187697	T	0.3354
rs55703462	A	-0.0571
rs113550916	T	0.2582
rs28712354	C	-0.0867
rs58666371	G	-0.0584
rs2554389	T	-0.0619
rs2049511	G	0.066
rs62019687	A	0.2126
rs4777603	C	0.2132
rs36045564	C	0.2173
rs4887480	A	-0.0613
rs6493385	C	-0.0548
rs12372942	C	-0.0603
rs12900875	A	-0.0846
rs338527	G	0.0561
rs8036526	C	0.0608
rs12101641	T	-0.0674
rs2925239	C	-0.0549
rs1052035	C	-0.1925
rs2676181	A	0.1669
rs2647683	A	-0.0694
rs147030865	T	-0.2145
rs72744440	A	-0.1708
rs55710762	A	0.2126
rs111763856	A	-0.1313
rs11071559	T	-0.0807
rs12439507	T	0.0935
rs11073733	G	0.0873
rs139978445	C	0.2148
rs9920602	A	-0.247
rs80156053	G	0.1642
rs66597610	T	-0.1343
rs3843702	A	-0.068
rs75187468	C	0.1978
rs12592311	G	-0.0654
rs12595483	C	-0.0566
rs2141260	A	0.1825
rs76870347	T	-0.1806
rs7175737	T	-0.0541
rs113929974	G	-0.0709
rs139950012	C	0.1086
rs17393601	C	-0.0779
rs8031664	A	0.0684

rs1501371	A	0.0513
rs1693531	T	-0.0607
rs149812364	A	-0.4316
rs72731483	G	-0.1394
rs12912021	A	0.0545
rs2037448	T	-0.1259
rs146657638	G	-0.1846
rs11636491	T	0.0547
rs1801449	A	-0.1095
rs7178631	G	-0.0571
rs149709095	T	0.3854
rs62020459	G	0.2004
rs2681990	G	0.0839
rs139100459	T	0.2172
rs112440995	T	-0.086
rs117294977	T	-0.2159
rs139528238	T	-0.2001
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rs12906047	C	0.0491
rs2572172	A	0.0967
rs1522641	A	0.1499
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rs74697794	C	-0.1002
rs2414559	G	0.0961
rs148644092	T	0.4427
rs62019424	A	-0.087
rs72752111	C	0.1405
rs137957800	G	0.2219
rs11548681	G	0.1704
rs7177611	A	0.0536
rs78230878	T	0.19
rs56668844	G	-0.0556
rs1816161	A	-0.0498
rs59180773	T	0.1976
rs79835109	A	0.1586
rs72767030	A	0.1114
rs139015880	G	-0.3309
rs112008490	T	0.1188
rs1469834	C	-0.124
rs138545490	G	0.2267
rs8033362	T	0.0518
rs284891	C	0.0505
rs12916878	T	0.1451
rs8182041	C	-0.048
rs12439189	C	-0.0582
rs1037782	C	-0.0761
rs2087352	C	-0.1743

rs8038692	T	0.2156
rs878100	A	-0.0672
rs34211907	G	0.1006
rs16942884	C	0.2662
rs11633218	A	-0.0782
rs117542265	A	-0.1558
rs72727263	T	0.3385
rs12913391	T	0.0765
rs1075845	T	0.0716
rs67185399	A	0.1369
rs10518863	T	-0.0893
rs113943413	A	-0.0738
rs80177529	G	0.1892
rs966223	C	0.0652
rs12593976	T	0.0549
rs340023	T	0.0544
rs782912	C	0.1078
rs117653485	A	0.3147
rs77340812	T	-0.1822
rs16974536	C	0.1066
rs1911154	T	-0.0815
rs55856713	G	0.2523
rs144882330	T	0.1848
rs1365586	A	0.0746
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rs148363797	G	-0.3041
rs144096460	C	-0.1892
rs2899624	G	-0.0674
rs17115710	C	0.1188
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rs72743158	C	-0.0503
rs920915	G	-0.0474
rs61601293	C	-0.0731
rs1992875	G	0.0743
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rs34279718	A	-0.1713
rs147849924	G	-0.1797
rs79756143	C	0.0598
rs79214024	C	-0.1162
rs12912371	C	0.0775
rs4775351	C	0.0649
rs62001854	T	0.1141
rs140562169	C	0.3365
rs139489589	A	0.1403
rs12912542	C	-0.0526
rs61997151	A	-0.2291
rs12905527	T	0.0494

rs12443015	T	0.1614
rs7162117	A	-0.0813
rs8040582	T	0.2494
rs72756147	A	-0.1725
rs1690387	T	0.0533
rs7171888	C	0.0515
rs35858485	A	0.0779
rs2584233	G	0.0472
rs11630705	C	0.0471
rs2246383	T	-0.0519
rs4544212	A	0.0511
rs56109250	T	0.1319
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rs4924109	A	0.1027
rs150126575	C	0.1429
rs151257686	A	0.2359
rs57625688	A	0.0863
rs1042630	A	0.0514
rs72744346	A	0.1932
rs11632524	C	0.0588
rs17295457	T	-0.0778
rs55729424	T	-0.0549
rs147672320	A	0.2718
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rs150496964	A	-0.1644
rs16945203	T	0.0746
rs12901379	G	0.0646
rs4775969	A	0.0476
rs959167	G	0.0695
rs1962180	T	-0.0744
rs1712428	G	-0.0618
rs71469685	T	0.2156
rs34361729	A	-0.1025
rs2304721	A	-0.0956
rs9972327	A	0.0645
rs145853627	T	0.3505
rs75716876	A	-0.2233
rs73391553	A	0.0729
rs9972330	C	0.0649
rs10852141	T	0.0472
rs56210840	T	0.2177
rs9921022	T	-0.0481
rs1197704	C	0.0649
rs10519292	A	-0.0753
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rs435293	T	-0.047
rs72745346	A	0.0626
rs2924769	C	0.0969
rs113469530	A	0.1816
rs12915023	A	0.0486
rs12593015	G	0.0452
rs77365632	G	0.2743
rs347120	T	0.155
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rs71469678	C	-0.0574
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rs2163194	A	0.1344
rs12324711	T	-0.0753
rs7498065	C	-0.0737
rs12914434	G	0.0579
rs150609953	A	-0.1806
rs16941725	C	-0.1146
rs12917529	C	0.0444
rs144999082	G	0.0656
rs74442141	A	-0.2464
rs71476790	T	-0.4003
rs55966779	C	0.1874
rs10152939	G	-0.1916
rs151164129	A	0.155
rs11629484	A	-0.1124
rs117469193	C	-0.2212
rs4886851	C	-0.0799
rs142534344	A	0.1793
rs11638756	A	0.0507
rs79399761	T	-0.1174
rs35360843	A	-0.0856
rs8025271	C	-0.0724
rs2344847	C	0.0454
rs2553231	A	0.3677
rs6576527	T	-0.0734
rs62022262	A	0.0522
rs11072876	C	0.0652
rs1021152	A	0.0458
rs61413848	A	0.0916
rs139001259	A	0.3342
rs146080008	T	0.2007
rs72758037	A	-0.1082
rs10519758	G	-0.0541
rs72754076	C	0.1551
rs74032301	A	-0.1162
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rs76168848	G	0.4086
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rs117460534	A	0.1348
rs151044548	G	0.2937
rs169329	A	0.0453
rs7175391	A	0.0914
rs74628013	A	-0.1427
rs117321272	G	-0.1172
rs10519172	G	-0.1195
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rs16975796	A	-0.0947
rs12909771	A	0.0776
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rs72732662	T	-0.0776
rs8025217	T	-0.0469
rs877650	C	-0.0459
rs7172445	G	-0.0487
rs72752797	T	0.1644
rs10083567	T	0.0904
rs7179392	T	0.0427
rs10083629	T	0.0737
rs78015020	C	0.098
rs12900284	A	0.0557
rs79703711	T	0.2018
rs817958	A	0.0607
rs6606803	A	-0.048
rs61999136	T	-0.0507
rs12440300	G	0.1832
rs17398554	T	0.131
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rs954292	C	0.0421
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rs2139924	C	-0.0632
rs1871361	C	0.0576
rs60211807	C	-0.0533
rs3812940	C	-0.0786
rs79625977	A	0.1694
rs62019207	C	0.0751
rs12324157	C	0.1693
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rs28886346	C	-0.1099

rs4778117	T	-0.0497
rs78782812	C	0.2106
rs35964710	A	-0.1046
rs79755294	T	0.1055
rs7162714	T	0.2479
rs11636091	T	0.1039
rs7181191	G	-0.057
rs890008	G	-0.0614
rs2353497	G	0.0998
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rs117873014	T	0.2251
rs62011995	T	-0.121
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rs16977683	G	0.0767
rs7166977	G	0.0429
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rs11073362	A	0.0897
rs56336805	A	-0.044
rs10520082	A	0.043
rs78660221	C	-0.0958
rs144102514	C	0.2304
rs76076489	G	0.1047
rs17523880	A	0.0614
rs112732813	C	-0.2665
rs142066831	C	-0.2101
rs8026268	T	0.1633
rs9652431	C	0.0575
rs73391463	A	-0.1574
rs76230942	T	-0.0928
rs72761468	T	0.0671
rs34672825	T	-0.0485
rs72763845	T	0.1445
rs140458703	C	0.2019
rs7180731	C	0.045
rs4777257	T	0.0769
rs76553150	G	-0.4007
rs58912384	T	-0.0516
rs117021038	T	-0.2047
rs1876743	G	-0.0852
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rs899672	T	-0.0437
rs3784412	C	0.048
rs72739660	A	0.2068
rs56272184	G	0.0467

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rs143288355	A	-0.1214
rs62014212	A	0.1543
rs11630342	T	-0.0572
rs4775230	C	-0.0565
rs338538	T	-0.0466
rs28412395	C	0.1382
rs16972667	G	-0.1175
rs79240849	C	0.0842
rs17115431	C	0.1939
rs117204713	A	-0.3221
rs10220845	C	0.0607
rs7164811	T	0.0594
rs16975681	G	0.1174
rs12592051	C	0.0647
rs75530524	T	-0.0707
rs4965469	T	0.0415
rs76882184	G	0.1253
rs12912805	A	0.059
rs61179258	A	-0.1668
rs2865831	T	0.0436
rs140534754	G	-0.259
rs17116286	C	0.1135
rs78690077	C	0.1304
rs345799	A	0.139
rs4435230	T	0.088
rs113509565	A	-0.1114
rs147094286	T	-0.1696
rs8027599	T	0.103
rs8034493	T	0.054
rs11072660	A	-0.0407
rs1079043	T	0.0513
rs79074110	T	-0.1108
rs8036172	G	-0.0735
rs77894675	C	-0.275
rs77289267	T	0.1918
rs117118453	T	0.1328
rs17628925	T	0.1154
rs5018786	G	-0.0475
rs12232264	C	0.2901
rs12903357	G	-0.0458
rs151214346	T	0.1944
rs12592463	C	0.0628
rs143755928	T	0.1287
rs77230321	G	0.0692
rs17817084	C	-0.1937
rs72764521	A	-0.2088

rs144804393	T	0.1846
rs116642008	C	-0.1594
rs4984613	T	0.1247
rs35624749	C	-0.0623
rs10873641	G	0.1695
rs149814044	C	0.1137
rs28757589	A	-0.0589
rs12438966	T	0.1196
rs16960230	G	0.1481
rs13379594	C	0.0457
rs1112679	G	0.0398
rs79911686	G	0.1157
rs3098543	G	-0.0477
rs899927	T	0.043
rs11857245	A	-0.0494
rs75278458	A	0.1416
rs112855710	T	0.2813
rs78440823	C	0.1034
rs12902395	G	0.049
rs182253	A	0.0766
rs16977635	G	0.1939
rs11073766	G	0.1438
rs4499191	G	0.0456
rs12911999	A	0.045
rs75726724	T	0.1416
rs8038785	C	-0.0479
rs141390373	C	-0.3205
rs34915669	T	-0.0587
rs11635163	G	-0.0434
rs117784942	G	-0.278
rs16955938	C	-0.1112
rs8029150	T	0.0776
rs4777859	C	0.0577
rs117457297	T	-0.1902
rs7169699	T	0.0417
rs1668562	A	0.0486
rs12916680	G	0.185
rs72760055	G	0.0651
rs74519172	T	0.0883
rs8038032	G	0.0423
rs62026634	A	0.0602
rs72757987	T	0.1876
rs55735416	T	0.0467
rs2047476	A	-0.0669
rs149421435	A	0.1382
rs28576090	C	0.1629
rs62001262	C	0.0537

rs7178620	G	0.0783
rs8026473	A	-0.0505
rs112162746	C	0.0924
rs142346076	A	-0.1551
rs2289816	T	-0.0521
rs117595643	A	-0.1255
rs117533205	C	-0.2188
rs12904805	T	0.2644
rs145706353	A	0.1631
rs75263483	A	-0.1948
rs57487387	A	-0.0629
rs8042428	A	0.1554
rs7170515	G	0.1522
rs11636908	A	0.0543
rs4965075	G	-0.0862
rs894499	A	0.0535
rs62019073	C	0.1925
rs77494339	G	0.3319
rs11634452	G	-0.095
rs7181726	G	0.047
rs1560976	G	-0.0397
rs75138490	A	0.0864
rs7166685	C	-0.0783
rs7173413	C	0.0504
rs7172532	A	0.0401
rs77031375	T	-0.1472
rs117489939	A	0.2972
rs28862017	G	-0.0952
rs72749974	G	-0.1052
rs72744938	T	-0.0497
rs151297468	A	-0.2346
rs35411464	C	-0.2918
rs11857435	G	-0.049
rs141259685	T	-0.1745
rs112677781	G	-0.2058
rs74536119	C	-0.1236
rs7174440	G	0.0406
rs11636162	C	0.067
rs11639025	G	-0.212
rs114214638	T	-0.2333
rs28582250	A	0.0555
rs62001852	T	0.0992
rs35017463	A	-0.0688
rs17114720	C	0.051
rs12591702	C	-0.0966
rs3825915	C	-0.0513
rs34716886	A	-0.0744

rs17204559	C	0.1653
rs149171669	A	-0.0676
rs61300393	C	0.0692
rs11073885	C	0.0783
rs17116512	A	0.2438
rs117420247	T	0.1974
rs78494348	C	0.2505
rs62012365	A	0.0488
rs7162864	G	0.0746
rs149633549	G	0.2437
rs79619381	A	-0.0752
rs28438985	A	-0.0805
rs55832004	A	-0.1524
rs73469297	T	0.1645
rs76904260	G	-0.0721
rs586558	A	0.0599
rs143357964	A	-0.1578
rs4778114	G	-0.042
rs148770338	T	0.1755
rs76042640	A	0.1392
rs117360934	T	0.0864
rs9806578	C	0.1247
rs3743017	C	0.0575
rs4778031	C	-0.0425
rs11638575	T	-0.0441
rs75820112	A	-0.2078
rs12185124	C	-0.0405
rs117013919	C	0.1052
rs141023407	C	-0.2913
rs7497790	A	-0.0434
rs112297944	A	0.154
rs139368271	G	-0.1201
rs12900197	A	0.0709
rs8039875	G	-0.1102
rs56204373	G	0.211
rs8038964	A	-0.0392
rs8026587	T	0.046
rs77172970	A	0.0565
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rs117159646	A	-0.2797
rs118064941	A	0.1189
rs1441475	C	0.0577
rs11247299	C	0.0555
rs142609537	G	0.1775
rs117521738	C	0.1582
rs58824810	C	0.0625
rs2464692	C	-0.1387

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rs7166730	A	-0.0771
rs2067685	T	-0.0564
rs12050717	T	0.116
rs936214	A	0.0703
rs117637543	T	0.2791
rs141112307	A	-0.3019
rs7171917	G	0.0396
rs8041324	T	-0.0388
rs67623602	C	0.0862
rs62025582	C	0.0508
rs75741232	C	0.0794
rs2554041	C	-0.0564
rs17786206	C	0.0517
rs4924102	C	0.0856
rs76276977	T	-0.1457
rs1348759	C	-0.1654
rs117897646	T	-0.2819
rs12906898	A	0.0427
rs72705024	T	0.0439
rs4776876	A	-0.0583
rs2684785	T	0.0456
rs11638847	T	0.0435
rs12438849	T	-0.064
rs17527156	G	-0.0402
rs142886526	G	0.2093
rs145640653	C	0.2665
rs144202089	T	-0.2056
rs11630929	A	0.0466
rs4778032	C	0.0473
rs55663307	A	0.0855
rs117922127	G	-0.0854
rs75760454	T	0.0976
rs11630650	G	0.0516
rs746861	C	0.0486
rs8031441	G	-0.0373
rs304126	A	-0.0549
rs142820879	G	0.1961
rs142177961	G	0.1827
rs12903464	T	-0.0541
rs78917401	T	-0.0552
rs76155180	C	0.0565
rs72749555	A	0.0593
rs17356118	G	-0.0433
rs35332077	C	0.0931
rs117395891	C	-0.1654

rs146509793	T	0.2881
rs17663138	A	0.0533
rs72767008	T	0.2433
rs1553927	A	-0.0424
rs28713308	A	0.211
rs73484534	T	0.1094
rs12148789	C	0.1485
rs73468730	C	-0.1229
rs112227566	T	-0.1564
rs1387383	A	-0.0403
rs74436193	T	0.1566
rs34400095	T	0.0988
rs690337	T	-0.0449
rs4132535	T	0.0385
rs36024806	A	-0.1057
rs1797314	A	0.0679
rs2187576	C	-0.0395
rs4539561	A	-0.0764
rs568920	G	0.0944
rs11636988	G	-0.0368
rs117566601	C	0.2069
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rs12593910	T	-0.0382
rs12912813	C	-0.1678
rs34346567	G	0.0426
rs28663672	A	-0.0401
rs76617259	G	0.0915
rs28617199	G	-0.0621
rs10467974	G	-0.0723
rs8043258	C	-0.0415
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rs7167068	T	0.0372
rs17669395	G	-0.0675
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rs7177080	A	0.0595
rs72758801	A	0.1055
rs12914478	T	0.0396
rs17736971	T	-0.0653
rs41373647	C	-0.0908
rs72745268	T	0.0537
rs78442219	A	-0.1527
rs733238	C	0.0409
rs12912676	G	-0.0397
rs2445739	T	0.1046
rs116875281	G	-0.114
rs62023327	C	0.0911

rs138392380	C	0.2417
rs10519107	C	-0.0368
rs11634318	T	-0.091
rs140636803	C	-0.3224
rs7169971	T	0.0408
rs17158916	C	0.089
rs76994642	G	0.1614
rs62025237	T	0.1686
rs7165165	G	0.0371
rs8030037	G	0.0378
rs140765824	C	-0.2613
rs78549884	C	-0.1034
rs2414437	T	0.1562
rs1008109	C	0.0469
rs113061963	T	0.1911
rs75598935	A	-0.1916
rs117340151	A	-0.2185
rs113787558	G	-0.1666
rs72740878	A	0.173
rs141048125	G	0.1802
rs690487	A	-0.0428
rs7496426	C	-0.0422
rs756143	A	0.043
rs75966038	A	0.104
rs11853033	C	0.0558
rs35572544	C	0.0501
rs7182043	A	0.0743
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rs569861	C	-0.0621
rs2089709	G	-0.0384
rs77379665	T	0.1425
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rs12442430	T	-0.0375
rs12440833	G	-0.1616
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rs11074128	A	0.0447
rs8031736	C	-0.2962
rs2467338	C	-0.0677
rs79278825	A	0.2129
rs4906667	G	0.0375
rs75136467	T	-0.0834
rs7164916	C	0.0372
rs4984396	T	0.1309
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rs56121419	G	0.0611

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rs3858959	G	0.038
rs11636583	A	0.0435
rs56101048	A	-0.0836
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rs74381521	A	0.1087
rs116853819	A	0.1474
rs8023398	C	0.0384
rs8041505	A	-0.1224
rs118076664	A	-0.0996
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rs117694348	C	0.1831
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rs55874209	A	-0.0661
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rs11857333	T	0.041
rs77434078	G	-0.1888
rs77663823	T	-0.1632
rs112741951	G	0.1051
rs96243	A	0.036
rs1520941	C	-0.041
rs34410148	C	0.0937
rs139933295	A	0.1965
rs72712943	A	-0.0971
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rs7166942	G	-0.0595
rs1679012	C	-0.0468
rs77331020	T	-0.159
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rs798084	A	-0.0399
rs141765084	T	0.1537

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rs55689052	T	0.0415
rs17240268	A	-0.0736
rs140681	A	0.0766
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rs72715112	G	-0.1152
rs2616915	T	-0.037
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rs11857259	C	0.0387
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rs72707804	A	0.0906
rs77452076	C	0.0486
rs67518514	C	0.0544
rs3995835	C	0.0428
rs147675846	C	-0.179
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rs117629517	G	0.1836
rs115094589	A	0.1797
rs28431312	A	0.0471
rs11631442	G	0.1104
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rs8035569	C	-0.0412
rs12439073	A	0.212
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rs2647672	G	0.0518
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rs8040256	G	-0.0935
rs12915482	A	-0.0489
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rs117388689	A	-0.2195
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rs2256109	C	-0.0371
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rs906420	C	0.0723
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rs4465554	G	-0.0404
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rs16977239	T	0.1713
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rs61561548	T	0.0984
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rs140646001	A	-0.0662
rs35144566	A	-0.0392
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rs17322978	G	-0.0908
rs12593761	C	0.1
rs17793601	C	0.0697

rs79434560	T	0.2155
rs11247162	G	-0.0523
rs61456320	T	-0.0761
rs11072642	C	0.0344
rs2121212	C	0.0564
rs28402904	T	0.0563
rs17269545	G	0.0825
rs12148829	T	0.0593
rs148081642	A	0.0785
rs117952620	T	-0.1401
rs62000003	C	-0.0471
rs1479831	T	-0.0349
rs62022770	C	0.0528
rs61998105	G	0.075
rs1838490	A	-0.1723
rs34444589	A	0.0634
rs35540030	C	0.0476
rs28455137	C	0.3048
rs2337253	C	0.0378
rs12901741	A	0.128
rs117056179	A	0.1208
rs189420	A	-0.0377
rs117769984	T	-0.0931
rs4310815	C	0.0373
rs6496965	C	0.037
rs997204	C	0.0363
rs117895482	A	-0.2082
rs72734789	A	0.0911
rs76242288	C	0.1578
rs71462833	C	0.0977
rs2879406	C	0.0643
rs1393425	T	-0.0774
rs113357170	T	0.1547
rs141174224	A	0.1055
rs72625752	A	0.1335
rs1437467	C	-0.0343
rs147243229	T	-0.2055
rs75943844	C	0.2349
rs16959401	A	0.0712
rs4299103	C	0.0631
rs28362004	A	0.0473
rs146496204	G	0.1809
rs1552098	T	0.064
rs8031559	C	-0.0386
rs140269476	T	0.1974
rs16976450	G	0.0441
rs57680389	T	-0.2253

rs75991252	A	-0.1308
rs148571674	C	0.0442
rs4886870	C	-0.1954
rs689652	A	0.0778
rs79973254	A	0.0959
rs2414519	A	-0.042
rs7178487	G	0.0333
rs140256841	T	0.0971
rs78286139	A	-0.0992
rs147752526	G	0.1483
rs11636460	C	0.0474
rs16972945	G	0.0711
rs875339	T	-0.0472
rs12439461	C	0.042
rs143351568	G	-0.3135
rs6495986	T	0.0393
rs75536233	A	0.0547
rs72743052	A	0.0655
rs16972947	C	-0.0458
rs117704437	T	0.1643
rs12901259	A	-0.0395
rs11858789	A	-0.0617
rs146583832	T	-0.1189
rs11634983	C	-0.2708
rs9286390	G	-0.0697
rs7166254	A	0.1232
rs2543674	C	0.0759
rs72732749	T	0.0927
rs1081230	A	-0.0337
rs73455853	G	0.1758
rs2936479	T	-0.0821
rs1107965	G	0.0608
rs1724611	G	-0.0549
rs7495310	C	-0.044
rs1947219	G	0.0448
rs117275234	G	-0.0781
rs55973132	A	-0.0914
rs8033465	T	0.0558
rs1863495	G	-0.1895
rs11852353	A	0.0605
rs75763893	T	0.0992
rs12899579	G	-0.0358
rs745576	A	-0.1538
rs11632649	G	-0.0413
rs75583442	A	-0.1661
rs75259723	G	-0.0877
rs12908787	T	0.1464

rs12907677	T	0.0519
rs2130988	A	0.0451
rs266303	C	0.0487
rs275728	T	0.0871
rs12915565	A	-0.0339
rs56190996	T	-0.0516
rs208123	T	0.0463
rs72630498	A	0.0511
rs8034405	G	-0.0341
rs140379017	A	0.2402
rs146116020	C	-0.1326
rs3934907	A	-0.0464
rs4779868	A	0.0334
rs117099638	A	-0.0843
rs8609	C	-0.0356
rs11635541	A	0.0609
rs113551275	A	0.1139
rs2927397	C	0.0688
rs147995573	A	0.1864
rs35671787	G	0.1477
rs7171749	C	-0.0379
rs77096063	C	-0.0628
rs117299940	G	-0.1435
rs492940	A	0.043
rs56145327	T	0.1181
rs1899741	C	-0.0338
rs143556116	A	-0.1874
rs890510	C	-0.0619
rs936227	A	-0.0334
rs56199567	A	0.1058
rs12441936	T	-0.0413
rs4984419	T	0.0338
rs574923	G	-0.0347
rs436913	G	-0.0425
rs55645655	C	0.0334
rs8034612	C	-0.0613
rs75742797	T	0.0748
rs4371104	T	0.0412
rs112442542	A	-0.2315
rs140451907	G	0.2616
rs12438597	G	0.0477
rs7496834	T	-0.1759
rs7172156	A	-0.0333
rs2879263	G	0.0335
rs141186147	T	0.0648
rs3104506	A	-0.0432
rs1093542	T	-0.0592

rs72753866	T	0.0838
rs77947358	C	0.1589
rs72750082	T	-0.1496
rs6496210	C	-0.0384
rs61999139	A	-0.0626
rs8023639	G	0.0334
rs12441536	T	0.1179
rs118167195	G	-0.0996
rs72765938	A	-0.1158
rs74008945	T	0.097
rs138258046	T	0.1807
rs7163194	A	-0.0393
rs12439656	T	0.0414
rs146681637	C	0.0799
rs4774197	C	-0.0772
rs117474129	A	0.1681
rs58822225	G	0.0463
rs79211764	A	-0.1857
rs113478191	A	0.1208
rs74430162	A	0.2464
rs7166032	A	-0.0491
rs2581337	A	-0.1005
rs1384727	G	0.0665
rs435137	T	-0.1659
rs71397875	T	0.1609
rs11629966	G	0.0447
rs113327140	T	0.1775
rs12906623	G	-0.0343
rs4238354	T	-0.0482
rs74874994	T	-0.0827
rs79081371	A	-0.2439
rs11633241	G	0.1398
rs139106063	C	0.1377
rs72755305	A	-0.1814
rs138792283	A	0.091
rs111916202	T	-0.152
rs1659563	A	-0.0342
rs4775920	A	0.0418
rs12911644	G	0.0342
rs143991533	T	-0.2048
rs3784539	T	-0.0519
rs7171712	T	-0.0469
rs11854649	T	0.0672
rs2577011	C	-0.0339
rs139905673	A	-0.1558
rs4965136	T	0.0347
rs11073150	T	0.1274

rs56007454	C	0.1359
rs56979833	G	0.0401
rs2016546	T	-0.188
rs80012905	T	0.0974
rs17666578	C	-0.081
rs72749804	A	0.1231
rs11633285	C	0.0392
rs12908614	T	-0.0505
rs6080	A	-0.1135
rs77641619	T	-0.1338
rs56152793	G	0.0617
rs143865045	T	-0.2733
rs11073272	A	0.0723
rs117819825	T	-0.141
rs74989098	G	-0.1029
rs62045515	T	-0.0392
rs148217915	T	0.1191
rs67669586	C	-0.0371
rs140829342	A	0.193
rs76195986	G	-0.1209
rs12899685	G	0.0505
rs79988457	T	0.1517
rs77306418	C	-0.0649
rs62040994	A	-0.2513
rs79097747	G	0.1125
rs7173558	A	0.0585
rs11856106	T	-0.0626
rs1521625	C	-0.0445
rs546292	C	0.0741
rs897487	C	-0.2076
rs79994695	T	0.1553
rs753074	T	-0.0704
rs112394508	T	0.2848
rs8030369	A	-0.1143
rs72717679	G	-0.1115
rs2047656	T	-0.0507
rs72739546	T	0.152
rs111630327	A	0.1943
rs77625534	G	0.115
rs79648239	A	0.069
rs748891	G	-0.0336
rs73424357	T	0.1105
rs1533309	A	-0.0379
rs4774815	T	0.0543
rs60001770	A	-0.1249
rs7166038	G	-0.0555
rs62017664	C	-0.0428

rs11637628	C	0.0778
rs57209367	T	-0.1117
rs79431016	G	-0.2265
rs1047552	G	-0.1177
rs62019066	A	0.1166
rs34298001	A	0.0806
rs4401028	C	-0.0551
rs4775787	C	0.0589
rs10520661	A	-0.0748
rs56278535	T	0.0331
rs12148853	T	-0.067
rs16959674	A	-0.0636
rs11854463	G	-0.0381
rs57239225	G	0.0536
rs11856394	G	-0.0927
rs78016763	A	0.1741
rs62023600	T	0.1436
rs4331298	T	0.0333
rs17520224	G	-0.1395
rs6416519	C	-0.0444
rs147531092	G	0.1271
rs144527354	C	0.1843
rs74036225	A	-0.0592
rs74950169	C	-0.1203
rs60019407	C	0.0878
rs148486063	A	-0.1386
rs17708391	T	0.0661
rs17192905	A	0.2281
rs35819582	G	0.0675
rs144968978	T	0.1724
rs145157844	T	-0.1348
rs921506	T	0.0383
rs144402747	T	-0.1399
rs34445138	A	0.1387
rs9282613	A	-0.1332
rs12911275	G	-0.0744
rs28679413	C	-0.0382
rs8036030	A	-0.0323
rs4775469	G	0.0324
rs140767538	C	0.176
rs57102039	T	0.1678
rs117377275	A	-0.0942
rs16975951	T	-0.0377
rs80015997	T	-0.0715
rs142992900	T	-0.254
rs12908809	A	-0.0776
rs75010547	A	-0.0803

rs4984460	G	-0.0376
rs148180119	G	-0.2067
rs1510372	T	-0.0332
rs11630647	A	-0.0381
rs1437590	C	-0.0391
rs17817650	T	0.0394
rs72745946	T	-0.0604
rs138306576	C	0.1377
rs343918	C	0.0342
rs60826218	T	-0.0447
rs5007158	T	0.1778
rs11634620	C	0.1902
rs78155170	T	0.2238
rs4433753	A	0.1185
rs1879155	A	0.0719
rs12916437	T	0.0376
rs1983354	G	0.051
rs8039510	C	0.0493
rs11631292	T	-0.077
rs76243922	A	-0.0795
rs8026456	C	-0.0357
rs6495589	A	-0.0507
rs77352294	C	0.0728
rs2880972	T	0.0318
rs1509401	T	-0.0374
rs111528932	A	-0.1733
rs9282715	C	-0.0619
rs7180310	A	-0.0578
rs7173954	G	-0.0337
rs11073524	A	-0.0539
rs8036935	C	0.0409
rs10438324	T	-0.0519
rs7161937	G	0.0569
rs62022457	C	0.099
rs1450112	G	-0.036
rs117299685	A	0.1507
rs208129	T	0.0537
rs4984288	C	0.0328
rs17115734	C	-0.0841
rs2453531	G	0.0347
rs17137285	G	0.0781
rs72633225	A	-0.116
rs7174584	C	0.0395
rs147301446	T	0.1275
rs28704520	G	-0.0671
rs675262	C	-0.115
rs12101667	C	0.173

rs113504621	T	0.0362
rs11558579	A	-0.1523
rs7162628	G	-0.0388
rs12441889	A	-0.061
rs112295759	A	-0.2277
rs1319145	G	-0.0331
rs28624578	C	-0.0472
rs2911855	A	-0.0795
rs4965306	G	-0.0762
rs145442032	A	-0.1528
rs12438479	A	0.0482
rs1823718	A	0.0309
rs80082236	C	-0.2658
rs1824244	T	0.0544
rs11857136	T	0.0344
rs56221518	A	0.2451
rs10520727	C	0.0721
rs877228	A	0.0308
rs78243360	G	-0.0991
rs34040889	A	-0.0728
rs11630228	A	0.0354
rs12917598	C	-0.0478
rs7177912	G	-0.0618
rs143792535	G	0.185
rs80178014	C	-0.1893
rs142405709	C	0.0701
rs34949187	A	-0.0566
rs78994380	A	-0.0619
rs147691100	T	0.2217
rs2622779	A	-0.2033
rs10431843	C	-0.0518
rs117430101	G	0.2246
rs10152725	T	0.0431
rs12908142	T	0.0566
rs145257013	T	-0.1872
rs4774779	G	-0.1797
rs3109388	A	0.0322
rs140685	T	-0.0321
rs12591732	T	-0.0338
rs8029919	G	-0.0318
rs16977814	G	0.0473
rs16975423	A	0.0418
rs79030890	T	0.1855
rs2119695	T	0.033
rs149746554	A	0.1511
rs8026116	G	0.0506
rs28524922	T	-0.0614

rs74981122	C	0.1138
rs145292885	T	-0.2678
rs8033761	T	0.0404
rs72731099	G	-0.0506
rs116940419	G	0.1446
rs10083700	T	0.0456
rs12591748	C	-0.043
rs8038611	A	-0.0393
rs74800607	T	0.0929
rs55837158	C	0.0636
rs139632509	T	0.1965
rs12442255	C	-0.0427
rs34070219	G	0.1709
rs939586	A	0.0338
rs147962900	G	0.1005
rs872332	G	-0.0589
rs62032630	G	-0.0365
rs1435397	G	0.0381
rs78961189	G	-0.1487
rs17237054	C	0.121
rs12050875	A	-0.0347
rs72731256	A	0.0362
rs16977603	C	0.0922
rs112778236	C	0.1272
rs79059908	G	-0.0526
rs28626328	G	0.1232
rs118191466	A	0.2899
rs72753805	T	0.0894
rs62045833	T	-0.0446
rs35407497	C	0.0409
rs4780157	G	-0.2115
rs4778075	T	-0.0569
rs16975070	G	0.0591
rs151143097	A	0.1253
rs4843134	T	-0.0337
rs150007692	A	-0.2163
rs34377177	A	-0.0383
rs76010336	G	0.164
rs8034881	G	-0.0395
rs12910030	G	0.0637
rs74006937	G	-0.0698
rs73387555	T	-0.0407
rs7171363	A	0.0311
rs12916252	G	0.0311
rs137976626	C	0.1547
rs4932245	T	0.0322
rs17637170	C	-0.0339

rs118172169	A	0.1572
rs10083625	A	0.0492
rs8037338	A	-0.1175
rs12593016	T	0.1091
rs79114847	C	-0.1698
rs148164494	A	0.1085
rs142512885	A	-0.2377
rs148361096	A	-0.1626
rs17184851	C	-0.0419
rs12898879	G	-0.0557
rs67020211	T	-0.0327
rs62014766	T	0.0905
rs16973963	G	0.0482
rs289165	G	-0.0331
rs7182108	T	0.1504
rs78977483	A	0.1625
rs8025032	T	-0.1102
rs4350551	G	-0.051
rs111742024	T	-0.1522
rs526110	T	0.0498
rs75353393	T	-0.0641
rs4778340	G	0.0323
rs892467	T	0.0823
rs150447136	A	0.1878
rs74327526	T	0.1314
rs1425948	A	0.0333
rs75410958	G	-0.0739
rs62002345	G	0.0351
rs72691553	A	0.1829
rs10152911	G	-0.1682
rs146821981	T	0.2526
rs16970392	T	0.052
rs890317	A	-0.0351
rs1500646	A	0.058
rs12898298	A	-0.0403
rs111252635	G	-0.2125
rs1602457	G	-0.072
rs7175507	T	0.0312
rs4778756	T	-0.0382
rs6495503	A	0.1277
rs117448777	T	-0.1692
rs12908951	G	0.034
rs8033490	T	0.0941
rs4775656	T	0.0339
rs7170052	C	0.0364
rs77856019	T	0.1293
rs117292516	T	-0.1965

rs149673964	T	-0.0904
rs11073495	G	-0.0502
rs146609109	G	-0.2772
rs73433958	A	-0.1479
rs1379347	T	0.0328
rs116979587	T	0.0645
rs11631755	T	-0.0411
rs75596873	C	0.2145
rs117785937	T	-0.0802
rs55724559	A	-0.0311
rs58590130	T	-0.0781
rs4537960	C	0.1076
rs4966057	A	-0.0408
rs6494018	G	-0.0363
rs1372607	C	0.0371
rs371606	T	0.0313
rs2647675	T	0.1093
rs2131738	C	-0.0339
rs75576656	T	0.0441
rs1896796	G	-0.0306
rs78956703	A	0.0841
rs7178341	T	0.0463
rs12903736	C	-0.0322
rs11247282	C	-0.0371
rs16964815	C	-0.1777
rs117245847	A	-0.1326
rs149297378	T	-0.2006
rs72727783	A	0.1404
rs12905005	C	0.0396
rs111503861	G	-0.0552
rs77071602	T	-0.0523
rs78450030	T	0.0823
rs1563009	A	-0.0326
rs12910991	G	-0.0347
rs72750012	A	0.1405
rs57742857	A	-0.1631
rs9783699	A	-0.2106
rs117522857	C	0.1806
rs145498972	A	-0.1658
rs7167008	T	0.0921
rs7180790	T	0.0759
rs12148836	G	-0.0408
rs56726277	T	0.2097
rs75508465	C	-0.0524
rs62020055	T	0.1666
rs61993580	T	0.0457
rs72745934	T	-0.1382

rs12899210	C	0.0372
rs11635468	A	-0.0351
rs28643357	A	0.0474
rs74667037	A	-0.1309
rs975985	C	0.0625
rs28647217	C	-0.1496
rs62008793	G	0.0408
rs12593877	T	0.0609
rs144791272	T	-0.2166
rs2414301	T	-0.0454
rs80220919	T	-0.0579
rs62025980	A	0.0471
rs12592962	A	-0.1246
rs11161154	A	-0.0347
rs10153006	C	0.0608
rs8023268	T	-0.0359
rs3848166	A	0.0344
rs11637083	C	0.0568
rs147573238	T	-0.2868
rs141732004	A	0.1671
rs16948769	T	-0.1094
rs56372426	G	-0.039
rs76160920	G	0.2759
rs7173234	T	-0.0314
rs12372980	A	0.0754
rs145368568	T	-0.1463
rs1991897	C	0.0349
rs115168491	A	0.245
rs77274766	C	0.1477
rs147018638	A	-0.1608
rs7164195	G	-0.0387
rs144983615	A	0.12
rs144741119	A	-0.0826
rs7342574	T	-0.0367
rs149542283	T	-0.1634
rs8030069	C	-0.1484
rs74019428	T	-0.1237
rs62009064	C	0.0871
rs76059106	G	-0.1612
rs28488334	A	0.167
rs2255235	T	-0.0506
rs17249287	G	0.0393
rs76471550	T	-0.092
rs117767952	A	0.1473
rs4390566	C	0.1284
rs3743476	G	0.0357
rs117475983	A	0.2447

rs118088981	T	-0.061
rs55864624	T	-0.1251
rs35626559	C	-0.1237
rs117196177	A	0.1588
rs2304381	A	0.0388
rs9806371	A	0.0822
rs12232304	A	-0.0549
rs140018955	T	0.1497
rs148491765	A	-0.1533
rs35998318	C	0.0365
rs16970598	T	-0.1482
rs79663035	T	-0.1019
rs12440044	T	0.0819
rs59335599	C	-0.0704
rs59902230	G	-0.2757
rs8041685	A	0.0404
rs2399653	A	-0.0412
rs55674454	C	0.1124
rs166869	T	0.09
rs12899299	G	0.03
rs7166631	G	-0.0958
rs55869358	C	-0.1175
rs2555490	A	0.0422
rs8029493	C	-0.075
rs12592926	T	0.1089
rs67488334	T	0.0696
rs139273769	C	-0.1345
rs34169909	C	-0.0599
rs11633615	G	-0.1081
rs79985453	T	0.0839
rs8028370	T	-0.0743
rs8034464	T	-0.0465
rs1899630	A	0.0786
rs3784704	C	0.0502
rs16977961	A	0.0327
rs4906717	A	-0.0498
rs1690322	A	0.1308
rs141671482	C	0.0933
rs4306482	A	0.0315
rs1455765	G	0.0362
rs1046156	C	-0.0319
rs16954413	G	-0.0664
rs12102183	T	0.1299
rs2684792	G	-0.0303
rs12905736	A	-0.0416
rs114714246	G	0.1311
rs16975467	T	-0.0497

rs35352245	G	0.0429
rs62002512	T	0.2904
rs7177436	A	-0.1203
rs10873605	G	-0.036
rs4887028	G	0.1328
rs16975262	G	0.0758
rs75831225	A	-0.2467
rs61557975	T	0.0891
rs12904399	A	0.064
rs11633943	A	0.1409
rs75328025	C	-0.0469
rs143688464	A	0.1039
rs117044596	G	0.1165
rs75449553	C	-0.106
rs67835375	A	0.1037
rs294548	C	0.0459
rs140822783	C	-0.1594
rs62005590	T	0.1007
rs11631591	C	0.0337
rs72753955	G	-0.2252
rs75840326	A	0.123
rs76582486	C	-0.0488
rs2277557	T	0.0609
rs28742136	C	-0.1101
rs4774376	G	0.0524
rs2647676	A	0.0417
rs11071587	A	-0.0312
rs28564108	C	0.202
rs5030784	T	-0.1915
rs8025065	G	-0.0678
rs1372258	T	-0.0888
rs2899639	A	-0.0644
rs117578794	C	0.2117
rs62046489	A	0.0963
rs12906287	C	0.0344
rs78104480	T	-0.1343
rs11161147	A	-0.1073
rs8182091	G	-0.0365
rs146334221	T	0.1407
rs72747851	C	-0.1574
rs1032639	G	-0.0732
rs12439840	A	-0.0492
rs4261519	T	-0.106
rs148431811	T	0.1315
rs80238324	A	0.1819
rs12594612	A	-0.0675
rs2175268	C	-0.0676

rs2280345	G	0.0498
rs55901772	A	0.2496
rs72756832	A	0.1555
rs12916780	G	0.0334
rs4777341	A	-0.0337
rs117235512	G	0.0717
rs899943	G	0.0702
rs62014768	A	-0.048
rs1002907	T	0.0409
rs1356410	T	0.0341
rs35971971	A	0.039
rs28557453	C	0.0616
rs12148264	G	-0.0376
rs12907172	A	-0.1814
rs12914188	A	-0.0325
rs2654194	C	0.0422
rs2472297	T	0.037
rs75918741	G	0.0658
rs8027647	A	-0.0398
rs3110484	C	0.0673
rs35841315	T	-0.0837
rs11858496	T	0.1276
rs765320	T	-0.0363
rs62012005	A	-0.0951
rs78794722	G	0.1868
rs144263860	T	0.0492
rs6495426	G	-0.0318
rs77193856	G	0.1827
rs11073097	G	0.1196
rs7163965	C	-0.0307
rs782919	T	0.0359
rs61075944	T	0.2327
rs10851933	A	0.0561
rs113905409	G	-0.0357
rs76761168	T	0.1556
rs17700030	A	-0.0447
rs2934444	C	-0.0327
rs34058682	G	0.0446
rs142354201	A	0.0876
rs11634896	C	0.0302
rs17439687	C	0.0367
rs1852029	G	-0.0325
rs72759803	T	-0.1636
rs71468856	A	0.1144
rs965313	A	0.0764
rs62002012	T	-0.0559
rs2415069	A	-0.0323

rs139253558	T	-0.1298
rs2439412	A	-0.0324
rs34590613	G	-0.0982
rs4641675	C	-0.0454
rs72715124	G	0.1115
rs117120687	T	-0.0919
rs55656001	T	0.0859
rs78443607	T	0.0953
rs10519816	G	-0.0425
rs72755205	T	0.1743
rs55700704	C	-0.1202
rs2247558	T	-0.0379
rs117778875	T	0.1251
rs141474124	G	-0.2071
rs142824951	C	0.1481
rs12593568	T	-0.0528
rs62005639	A	-0.0421
rs142100021	A	-0.1543
rs76994314	A	0.0592
rs139043784	A	0.0799
rs12915846	A	0.0329
rs80189677	G	-0.0877
rs72704412	T	0.0458
rs1822889	A	-0.0566
rs28460727	G	-0.0314
rs145893016	G	-0.0955
rs62010542	G	0.1135
rs139902291	T	0.0939
rs2448326	T	-0.105
rs72752397	T	0.0412
rs7164855	T	-0.0345
rs4932273	G	-0.0537
rs4887014	G	-0.0329
rs4420510	A	0.0308
rs11072423	G	-0.1159
rs6416593	A	-0.0807
rs12899591	G	0.1151
rs12443170	A	0.053
rs6493834	T	0.0292
rs71402276	A	0.0338
rs74219856	T	0.0727
rs80232799	A	-0.1876
rs72715242	C	-0.085
rs12899128	T	-0.0462
rs3784729	A	-0.0371
rs2955748	C	0.0287
rs66665972	A	-0.0914

rs12898325	A	-0.1594
rs78893610	C	-0.1869
rs117251505	T	-0.1885
rs80241084	G	-0.123
rs7178176	T	-0.0385
rs34449200	T	-0.055
rs28523936	G	0.1381
rs2714767	G	-0.0689
rs9788707	C	0.1063
rs4924016	T	-0.0433
rs4886921	T	0.0377
rs79850091	C	-0.1992
rs117383176	C	0.1677
rs920114	T	-0.0463
rs17482833	C	-0.0314
rs56124652	C	-0.0469
rs17753089	T	-0.0376
rs113763117	A	0.0696
rs28431191	A	-0.0652
rs8038708	G	0.031
rs62013838	G	0.0968
rs11632923	G	-0.0326
rs35203187	C	0.0354
rs140600378	T	0.1289
rs147566078	A	-0.1564
rs146414239	T	0.1908
rs908044	C	-0.0359
rs1046053	C	-0.0301
rs78045630	A	0.0504
rs79978230	C	-0.1301
rs4078458	A	0.053
rs77132964	C	-0.1298
rs4776812	G	0.0378
rs79396620	T	-0.1293
rs72739591	T	-0.1108
rs76930157	T	0.1062
rs72753746	G	-0.1137
rs7182906	T	0.0326
rs11636232	T	-0.043
rs72763007	C	0.0717
rs149534172	G	0.1902
rs62005992	A	-0.0794
rs138990147	T	0.1161
rs146952468	T	-0.2342
rs141480734	T	-0.1937
rs28576596	G	-0.0361
rs116847130	A	0.1461

rs12910016	C	-0.0349
rs77578164	A	0.1489
rs2912598	A	-0.0323
rs2924770	A	-0.0439
rs10520033	T	0.1528
rs146859566	G	0.2126
rs61993178	G	-0.1373
rs144904660	A	0.1359
rs12593253	C	-0.0328
rs61286201	G	0.034
rs56082641	T	0.0543
rs117618886	C	-0.1654
rs2004969	G	-0.0299
rs12909357	C	0.0938
rs144621485	T	-0.1607
rs117686413	T	-0.1428
rs2007180	A	-0.0326
rs28625267	C	-0.0631
rs72546361	T	0.1363
rs12898828	T	-0.075
rs8043356	T	-0.0454
rs72753058	A	0.031
rs71403594	G	-0.1205
rs117637627	T	0.196
rs3812923	A	0.0724
rs2592092	A	-0.0394
rs117734725	G	-0.1379
rs7183842	G	-0.0322
rs57283776	A	0.0333
rs1532761	G	-0.0302
rs147809576	A	0.1611
rs11072757	A	0.0324
rs12443185	C	-0.0404
rs4350540	G	-0.0384
rs72754740	A	0.0697
rs1872049	G	-0.0288
rs7183784	T	-0.0912
rs77850876	G	-0.1089
rs16971049	T	0.0486
rs139661283	A	-0.1129
rs11639366	T	-0.1597
rs4906947	G	-0.0327
rs2398225	A	-0.0634
rs140666562	G	-0.1879
rs11631860	G	-0.0757
rs77582710	T	-0.104
rs72716817	A	-0.1539

rs10518769	G	-0.0345
rs1256433	A	0.0381
rs74017420	A	-0.0491
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rs143590455	C	0.0977
rs78025493	A	0.1356
rs76879229	A	-0.1075
rs72711422	T	0.0326
rs113635381	A	-0.0943
rs8042426	A	0.0333
rs1866396	C	-0.1061
rs116910648	A	-0.2369
rs17730347	G	0.0406
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rs140191172	A	0.1121
rs1453857	T	-0.0291
rs76347986	T	-0.1297
rs118149475	A	-0.2248
rs117981770	G	-0.1427
rs4777306	G	0.044
rs57769495	G	-0.054
rs2759307	A	-0.0306
rs74589282	T	0.1205
rs16976015	T	-0.0403
rs4503771	T	0.0402
rs28714412	A	-0.1491
rs142553395	T	-0.1306
rs112289494	A	-0.2374
rs148304937	C	0.2045
rs76375505	T	0.1237
rs1719339	C	0.0848
rs6226	G	-0.0331
rs141774598	A	0.1398
rs2289739	T	0.0322
rs74940130	C	-0.1666
rs60669307	G	0.2272
rs10851820	G	-0.0305
rs8023928	A	-0.1445
rs2255410	A	-0.0312
rs142774719	A	0.1115
rs3923763	C	-0.0365
rs78053087	C	-0.1123
rs75674610	A	0.089
rs8035166	G	-0.0316
rs906428	T	-0.0398
rs2162221	T	0.1358
rs113259401	A	-0.0393

rs72740643	A	-0.0596
rs117515292	T	-0.0956
rs12916793	G	-0.0606
rs35445532	T	-0.1571
rs4357922	A	0.0342
rs3784730	G	-0.0286
rs117422407	G	0.1622
rs290549	C	-0.0803
rs8032860	T	0.099
rs4598886	C	-0.0541
rs150689276	C	-0.1624
rs146791359	A	-0.0948
rs11856355	C	0.1478
rs79475978	A	-0.1843
rs117280013	A	-0.1213
rs1821583	T	0.0309
rs141365560	C	-0.1507
rs58205014	T	0.0957
rs8187746	A	0.1655
rs113159970	A	-0.0316
rs151107880	G	0.1689
rs10519060	G	-0.0289
rs77375407	A	-0.1184
rs117331687	A	-0.1943
rs60294887	A	0.0777
rs145649011	C	0.235
rs2715795	A	-0.031
rs12595331	T	-0.0327
rs12912207	G	0.0619
rs4842976	C	-0.106
rs6493360	A	-0.0812
rs28580239	C	-0.034
rs16954809	G	0.0501
rs142735148	C	0.2174
rs4426325	G	0.0445
rs76464938	C	-0.1279
rs12906693	A	-0.1515
rs72751537	A	0.2336
rs140413715	C	-0.1896
rs117221088	T	0.2663
rs10519978	G	-0.032
rs12899662	A	-0.0366
rs72746688	C	0.2065
rs35421679	G	-0.2063
rs75220565	G	0.08
rs1002881	A	0.0476
rs285773	C	0.0377

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rs11074270	C	0.0774
rs55757218	T	0.1836
rs72760536	C	0.1134
rs12441095	A	-0.1442
rs1550329	C	0.0307
rs117296430	C	0.1636
rs77979266	C	-0.1468
rs12442705	A	-0.0374
rs62006048	C	-0.0419
rs35598712	A	0.0734
rs4778177	T	0.0455
rs61608816	T	-0.0313
rs12592861	A	-0.0292
rs12913662	T	-0.029
rs74917061	A	-0.0987
rs62007572	G	0.0667
rs12438569	T	-0.0464
rs11635789	G	0.0358
rs12441151	C	-0.0369
rs58890367	C	-0.0841
rs28842183	G	0.0362
rs17552102	A	0.0355
rs8026200	T	0.0637
rs925480	T	0.0515
rs10520788	C	-0.0622
rs72752686	A	0.059
rs8027298	G	-0.0403
rs77602844	T	-0.1396
rs74558764	A	0.2178
rs59419458	A	-0.152
rs117712006	A	-0.1297
rs117486267	C	0.1004
rs17822913	T	-0.0432
rs72739866	C	-0.0342
rs2446415	G	0.1055
rs72753288	C	-0.0804
rs12903092	A	0.0768
rs4380018	A	0.0373
rs77322056	C	-0.0709
rs117844539	T	0.1102
rs72741934	C	-0.1432
rs117160096	C	-0.1767
rs147447903	A	0.0769
rs285767	A	0.1358
rs62009542	G	-0.0649
rs6496217	A	-0.0328

rs16967626	T	-0.0479
rs11632605	C	0.032
rs146372618	C	-0.1476
rs11070662	A	0.0317
rs3522	T	0.0303
rs923529	C	0.0614
rs112397651	G	-0.2053
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rs75505261	C	-0.1292
rs145684770	A	-0.2104
rs3794513	T	-0.0473
rs79382620	A	-0.0458
rs28408346	G	-0.0471
rs117045698	A	0.126
rs61999919	C	-0.0816
rs72737351	T	-0.2083
rs12904280	C	0.0469
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rs7174511	C	-0.0702
rs62006664	A	-0.0599
rs72704013	C	-0.0538
rs28700179	C	-0.2056
rs4477641	T	-0.0441
rs72759702	T	-0.0495
rs117492305	A	0.1206
rs72739009	A	-0.0531
rs34394300	G	-0.0355
rs34783287	C	-0.1041
rs7171268	C	-0.0739
rs141917233	A	-0.2155
rs12442048	G	-0.0343
rs55997353	T	0.05
rs12904695	C	-0.028
rs272807	T	-0.1157
rs12439705	A	0.3038
rs8043101	T	-0.0993
rs1797225	G	-0.0309
rs10519046	G	-0.0517
rs9652481	T	0.0567
rs61069875	A	-0.0338
rs79582330	G	-0.1002
rs62026001	T	-0.1001
rs146256943	T	0.1985
rs4775371	A	-0.0358
rs2119261	T	0.0302
rs28895415	T	0.0541
rs11074277	A	0.0749

rs11071654	G	0.0294
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rs12437542	T	-0.032
rs72724253	T	0.0569
rs72744124	G	-0.158
rs74034132	C	0.0895
rs6494983	G	-0.0484
rs72705898	T	0.1062
rs166723	C	0.0702
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rs1551344	A	-0.0561
rs150307241	G	0.269
rs11635939	T	0.0547
rs12594998	G	-0.0333
rs147537403	C	0.1519
rs4461027	C	-0.0291
rs12442830	C	-0.0427
rs12441502	T	0.0287
rs79123952	T	0.0906
rs149910949	A	0.124
rs78680551	A	-0.0486
rs141695505	T	0.1544
rs62024997	A	0.0985
rs142862053	A	0.1161
rs77258991	A	0.1214
rs55650725	G	-0.0699
rs447217	T	0.0913
rs67600894	G	-0.0681
rs62016368	C	0.1174
rs56343105	A	0.0499
rs112234691	T	-0.0646
rs12914491	T	0.0726
rs56003347	C	-0.1533
rs8034354	C	0.0288
rs28689666	A	-0.0587
rs61066974	T	0.0705
rs1351308	T	0.0327
rs2470194	T	0.0276
rs16966185	T	0.0296
rs12442405	A	-0.0398
rs397896	C	0.0279
rs4598887	A	-0.0274
rs117396914	T	0.1276
rs141259628	T	-0.1857
rs139781790	T	0.1013
rs3935404	T	-0.0342

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rs76693972	A	0.0969
rs79883421	A	-0.0451
rs8029286	T	0.0316
rs2576091	C	0.075
rs4359383	C	0.0402
rs4887372	A	0.0878
rs62008442	A	-0.0323
rs77719589	T	-0.1479
rs12592178	C	-0.0302
rs28602342	C	-0.0408
rs12917505	A	-0.0288
rs2456465	T	-0.029
rs11856855	T	-0.03
rs141660949	C	0.072
rs117738548	G	-0.1572
rs117302315	C	0.0682
rs78666090	C	-0.2041
rs12442339	A	-0.0525
rs11637772	T	0.0305
rs16965871	A	0.0981
rs71394511	A	-0.0498
rs9788738	T	-0.0407
rs55690905	T	0.028
rs619436	A	0.0336
rs7168401	G	0.1199
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rs79251729	T	0.1208
rs72747943	T	-0.0373
rs549368	T	0.0357
rs35456624	A	-0.0691
rs12901179	G	-0.0349
rs7182813	A	0.0411
rs12898870	G	0.0726
rs55961527	C	0.1399
rs66951930	T	-0.0664
rs140746088	T	-0.1092
rs145796065	C	-0.1023
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rs147272363	T	0.1304
rs10851900	A	-0.0416
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rs1915215	A	-0.0352
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rs2718932	A	-0.1317
rs9806539	G	0.0351
rs139286044	A	-0.1675
rs113549869	A	0.1151
rs12905383	G	0.0341
rs58670156	A	0.1172
rs72741100	A	-0.1078
rs754343	G	0.0321
rs4778137	G	-0.044
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rs60514164	T	-0.1012
rs79081528	A	0.0636
rs117704426	A	-0.1228
rs78335824	G	-0.1418
rs12903437	G	-0.0492
rs72748039	T	-0.0807
rs6496244	G	-0.0289
rs16947688	G	0.0774
rs4906965	C	0.0391
rs12232317	A	0.0745
rs117351242	T	-0.1967
rs2930580	T	0.0545
rs560766	A	-0.0271
rs149036601	A	0.1013
rs67131622	T	-0.2295
rs12910930	G	-0.0275
rs28496041	T	0.105
rs1719900	G	0.0272
rs55858165	A	0.1005
rs4503766	C	0.0276
rs56285427	A	0.0465
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rs11629815	T	-0.0404
rs79263071	C	-0.0502
rs144789039	A	-0.1283
rs12901627	T	0.0284
rs11633214	G	0.0331
rs112180177	G	-0.1057
rs11072824	C	-0.0285
rs112951473	A	-0.1026
rs74638787	G	0.1564
rs72767250	A	-0.0452
rs9888712	G	0.0283
rs72751943	G	0.0807
rs1598909	G	-0.0281

rs12708515	G	-0.0301
rs137979439	A	-0.0463
rs8037008	A	-0.0428
rs2414007	C	0.0563
rs7166815	G	-0.0346
rs75693992	C	-0.1017
rs1865754	G	0.0565
rs72770780	G	-0.0358
rs1711029	C	0.1147
rs141600894	C	0.1136
rs4492997	G	0.044
rs8043105	T	0.0599
rs72740241	T	0.0589
rs2257259	A	0.179
rs150962	A	0.0556
rs11635833	C	-0.0785
rs34551627	C	-0.0299
rs2596187	T	-0.0276
rs12901487	C	-0.0976
rs333585	C	-0.0307
rs76699127	A	0.1042
rs2414658	G	0.1242
rs6497026	A	0.033
rs2912109	T	-0.0427
rs77350662	G	0.0823
rs12899913	G	0.0353
rs56969464	T	0.0881
rs112693980	T	0.0949
rs12594214	T	0.053
rs11631754	A	-0.1254
rs2012101	C	-0.063
rs113343385	A	-0.1612
rs72757591	T	0.0776
rs2623466	C	0.1778
rs1026672	T	0.0301
rs3851680	A	-0.1821
rs16977754	A	-0.1951
rs72743277	T	0.0474
rs72734919	C	-0.1893
rs289151	G	-0.0344
rs4776036	G	-0.0908
rs117154034	A	0.1862
rs149737692	A	0.0835
rs7169682	G	-0.0443
rs12593921	G	0.0595
rs78183761	A	0.1192
rs117283364	T	0.0897

rs12914819	C	0.0737
rs34901823	G	-0.0554
rs146271710	C	0.1436
rs113963993	C	0.1647
rs118054459	C	-0.1634
rs116862686	T	0.1406
rs11634425	C	-0.0322
rs12899629	G	-0.0356
rs12439163	A	-0.0407
rs72756084	A	-0.0732
rs113302600	T	-0.1211
rs112123875	T	-0.131
rs6496534	A	0.0288
rs143994476	G	-0.1546
rs2623998	T	-0.0344
rs10431796	A	0.0278
rs76664534	G	-0.2252
rs117039032	G	0.0917
rs60439837	A	-0.0717
rs111742439	T	-0.1564
rs7167332	T	0.078
rs75304275	C	0.1242
rs1722832	G	0.0308
rs143926840	C	0.1333
rs11630462	C	-0.0304
rs79747514	C	-0.1299
rs2445743	A	-0.032
rs4965073	T	0.2141
rs55690209	T	-0.1742
rs2291534	T	-0.0374
rs62017973	T	-0.0577
rs142954587	A	-0.209
rs11637044	C	0.0325
rs12593523	T	0.0277
rs77402078	A	0.1052
rs6497164	G	0.0673
rs2271163	C	0.0504
rs4906637	C	-0.0646
rs4300594	G	0.0505
rs7164039	G	0.0425
rs8030132	A	-0.0681
rs149161404	T	-0.1402
rs117204605	A	-0.1312
rs145962496	A	0.0709
rs74028094	A	0.2061
rs60704223	C	0.0848
rs77363831	T	0.0596

rs28463870	C	0.1127
rs12904863	C	0.0502
rs10852101	C	0.0405
rs16948223	A	-0.1136
rs149917824	T	0.1021
rs11639066	G	0.05
rs11073466	C	0.0284
rs28694402	A	0.0353
rs11634556	A	0.0317
rs76465975	A	0.1735
rs12439137	G	-0.045
rs1498307	G	-0.0375
rs1280400	G	-0.0282
rs76174598	T	0.2106
rs7174067	A	0.0394
rs28550224	A	0.1055
rs75501161	C	-0.0648
rs4586373	T	0.0312
rs1504629	A	0.0435
rs77687947	T	0.1188
rs8039883	C	0.0732
rs1124446	T	0.035
rs12913206	C	-0.0586
rs2598464	G	0.0341
rs141735635	C	-0.1437
rs11635088	C	-0.1248
rs76029207	T	0.1595
rs72753981	C	-0.1087
rs138214095	A	0.1727
rs117713534	A	-0.0811
rs62004099	T	0.1448
rs117544562	A	-0.0807
rs62001277	G	0.0313
rs145031687	T	0.128
rs11854586	A	0.0536
rs77166950	C	-0.124
rs72732780	C	-0.0819
rs62003083	C	-0.0754
rs79416651	T	0.0595
rs59704551	C	-0.0457
rs2715440	T	-0.0341
rs57082966	A	0.0442
rs11637525	C	-0.0327
rs973214	T	0.0292
rs11637072	G	-0.0962
rs149535782	G	0.156
rs113144758	T	0.1244

rs76453161	C	-0.1073
rs6496234	T	0.028
rs75336871	A	0.1329
rs58788554	A	0.0407
rs72755025	T	-0.0614
rs2647364	T	-0.0318
rs28566671	C	0.0332
rs4776292	T	-0.0293
rs8030342	T	-0.1004
rs72752604	C	-0.0271
rs79165205	C	-0.1163
rs34331320	G	-0.1224
rs112528384	T	0.0735
rs78180804	T	0.0626
rs72735088	A	0.0343
rs4780118	C	0.0289
rs142235195	C	0.0633
rs16965830	C	0.0402
rs78907666	C	0.0866
rs78347867	A	-0.1495
rs438230	A	-0.0398
rs7173858	A	-0.0329
rs117284376	T	-0.0955
rs74371943	A	-0.1025
rs1534596	C	-0.0268
rs12592149	T	0.1441
rs80094612	C	0.0358
rs117992107	G	0.1044
rs11638941	C	0.0389
rs2921136	T	0.0378
rs35169602	T	0.0551
rs4366665	C	-0.0288
rs1019860	G	-0.0724
rs74945691	T	0.1054
rs8039714	A	-0.1142
rs17237668	A	0.0755
rs1977034	T	0.0334
rs72729460	G	0.0434
rs12591332	C	-0.0668
rs113091124	T	0.1173
rs2280468	T	-0.0379
rs68083075	A	-0.086
rs71401697	A	0.1763
rs11858960	T	-0.0301
rs12912538	G	-0.0297
rs16948623	C	0.038
rs144094905	C	-0.1849

rs112615647	G	-0.1812
rs1393941	T	0.0598
rs117319052	A	0.1191
rs6598556	G	0.0306
rs4426303	T	0.0394
rs117143514	C	-0.1273
rs8030479	T	-0.0365
rs113217232	G	-0.0368
rs1501377	C	0.0397
rs115814365	T	0.1912
rs8034490	C	0.0451
rs782956	G	0.1058
rs11855990	A	0.0425
rs149928005	C	0.1436
rs7182641	C	0.0522
rs2670955	A	0.0319
rs117606920	C	-0.1693
rs79609275	T	0.1214
rs79225996	G	-0.1096
rs4270125	G	-0.0413
rs2136305	C	-0.0336
rs59876911	A	-0.0591
rs148019303	A	0.0924
rs7182385	A	0.0269
rs140611512	A	0.1439
rs139514549	T	-0.156
rs484256	G	-0.0474
rs4886678	G	0.1462
rs333542	G	0.0576
rs75219016	T	-0.0548
rs118001416	T	0.199
rs55826617	G	-0.0969
rs144763642	T	-0.1347
rs1452452	G	-0.0717
rs77494054	G	-0.1122
rs148282046	G	0.1324
rs8029901	T	0.0622
rs145109268	T	-0.0731
rs28588011	G	-0.0284
rs10152506	C	0.1142
rs80257719	C	0.1205
rs59285941	G	-0.0361
rs74016055	A	-0.1822
rs72735345	A	-0.1186
rs12901313	T	-0.075
rs62007767	T	-0.1161
rs4319750	T	0.0336

rs116986568	T	0.0738
rs7173200	G	0.0277
rs2937954	C	-0.0262
rs71475211	T	0.0626
rs118085218	T	0.1175
rs117061099	T	0.1742
rs11634897	A	-0.13
rs11072187	T	0.0269
rs2291736	T	0.0324
rs78150971	G	-0.0721
rs80025285	T	-0.1403
rs72740101	A	0.0455
rs10467988	T	0.031
rs35093850	T	0.0361
rs260539	C	0.064
rs12594537	A	0.0427
rs76403784	A	-0.098
rs78024728	A	0.1692
rs8035024	A	-0.0376
rs4608277	T	0.1164
rs72749009	C	0.0781
rs2259998	A	-0.0256
rs60371470	T	0.0557
rs62022952	T	0.0491
rs59507824	G	0.0355
rs145992439	T	0.1297
rs17177729	C	-0.1412
rs139478892	A	-0.064
rs7163993	T	-0.0314
rs113015746	T	-0.1696
rs79500798	C	-0.0507
rs61998965	C	-0.1574
rs142235536	A	-0.1359
rs72757522	A	-0.032
rs8032853	T	-0.0366
rs1897033	T	-0.0464
rs117887116	A	0.1517
rs973932	G	-0.0308
rs11247133	C	0.0802
rs34216268	G	0.0739
rs146499985	C	0.1354
rs11858407	G	0.039
rs994243	T	-0.0278
rs74836446	C	0.0781
rs28612692	A	-0.0455
rs78873611	C	-0.1239
rs4528506	A	0.0432

rs79404119	T	0.1138
rs2381932	T	0.0316
rs12898723	T	-0.1146
rs294558	T	-0.0285
rs116443262	G	0.0329
rs7183615	G	0.1503
rs4776344	A	0.0385
rs28600184	A	-0.0274
rs55980115	T	-0.0897
rs4924583	T	0.0467
rs56340611	C	0.0812
rs72722070	A	0.1547
rs11852639	C	-0.1432
rs12148362	T	0.0501
rs140013223	T	0.1596
rs141087027	T	-0.0596
rs144220597	A	-0.1995
rs8025312	G	0.041
rs3812907	T	0.0448
rs7177870	T	0.027
rs74838747	G	0.168
rs71398249	G	0.0663
rs901003	A	0.0271
rs143738020	T	0.0885
rs116911119	T	0.1117
rs114941847	G	0.0872
rs17236252	A	-0.2082
rs117703650	T	-0.1955
rs112580922	T	-0.0654
rs11637862	G	-0.0617
rs116858574	C	0.1382
rs12905216	A	0.0652
rs117451460	A	0.1092
rs117822070	A	-0.2025
rs7162666	C	0.0434
rs10782509	T	0.0619
rs7176011	G	0.0533
rs77886544	T	0.0516
rs150636060	A	0.1971
rs2245049	T	-0.0293
rs77408857	T	0.1274
rs112878346	T	0.0457
rs116959528	T	-0.1341
rs117041619	C	0.0595
rs8027305	T	-0.0618
rs11630130	A	-0.0358
rs61751106	A	0.123

rs77637278	C	-0.0677
rs77873907	G	0.0873
rs12908383	G	0.1595
rs16953607	A	0.0992
rs77828071	C	0.1601
rs76838462	T	0.0345
rs11639253	C	0.0324
rs79044457	T	0.0799
rs76466022	A	-0.0728
rs8028233	T	-0.0289
rs28620857	A	-0.0561
rs34257570	T	0.1121
rs890267	T	-0.0288
rs12898576	A	-0.0378
rs8036389	C	0.0276
rs11631622	C	-0.1681
rs16966205	C	0.1798
rs62011687	A	0.2246
rs116995057	C	-0.0697
rs276858	C	-0.033
rs6494344	A	0.046
rs11072342	T	0.0337
rs11071611	C	-0.0637
rs76819055	C	0.1206
rs16949541	A	0.0302
rs74522625	G	0.1308
rs147115526	A	-0.1142
rs117250292	A	-0.265
rs35483397	A	-0.0826
rs12910772	A	-0.0388
rs79303026	A	0.0981
rs1437547	G	0.0433
rs12440572	T	0.0805
rs116938427	A	0.1627
rs142807485	A	-0.1329
rs117366148	C	-0.0952
rs7182912	T	-0.0394
rs72622091	A	-0.1033
rs143798143	A	-0.122
rs12905920	T	-0.1192
rs138822641	T	0.1094
rs36067451	T	-0.0428
rs10518953	C	-0.0685
rs1668592	T	-0.0382
rs62027277	G	-0.1122
rs62023347	T	-0.1082
rs151171353	A	0.1563

rs35555379	G	0.0726
rs3946789	T	0.0287
rs146792430	G	0.0886
rs1814539	C	-0.0547
rs117789581	C	0.1057
rs112877478	G	0.0955
rs1606119	A	-0.0281
rs8028010	A	-0.1142
rs9673075	T	-0.0643
rs7166190	C	-0.0472
rs8027524	T	-0.0275
rs9920455	T	-0.0295
rs7162909	G	0.0683
rs75762061	G	0.0483
rs62006145	C	0.0627
rs117927254	A	-0.1806
rs113329253	T	0.1651
rs75354525	G	-0.1036
rs79491103	A	-0.0534
rs782906	A	-0.0423
rs2903411	C	-0.0303
rs10152960	T	-0.0902
rs28538507	C	0.0479
rs139788985	A	-0.1407
rs116884230	A	-0.1129
rs7179630	C	-0.0271
rs6494212	T	0.0382
rs141517823	A	-0.1541
rs74008419	T	0.1684
rs8037443	C	0.0656
rs17204475	A	0.0434
rs75810423	A	-0.0799
rs12903535	A	-0.1458
rs6495731	C	0.0665
rs931776	A	0.0826
rs1915190	G	-0.0372
rs8037699	C	-0.0356
rs59712011	C	-0.077
rs117800533	A	0.1311
rs142680442	A	-0.1582
rs142174848	G	0.1354
rs138294288	C	-0.211
rs17205722	G	0.0898
rs111816210	A	-0.0692
rs874941	C	-0.0297
rs55976787	C	-0.0472
rs11073674	T	-0.0259

rs149710958	T	0.1345
rs77972530	G	-0.112
rs7161816	G	0.0762
rs12324330	C	0.0574
rs1094840	T	-0.0298
rs11638084	C	0.0289
rs78369747	T	0.2024
rs112159138	G	-0.0559
rs6493653	T	-0.0464
rs115909569	G	0.1062
rs79052622	C	-0.0678
rs16964586	T	-0.0371
rs1388258	A	0.0321
rs28407295	C	0.0318
rs2270634	C	-0.0298
rs117834653	T	0.1741
rs4369595	T	-0.0399
rs11855963	A	-0.0289
rs62025669	C	0.1675
rs12592616	G	0.0275
rs8034205	C	0.0313
rs8037733	C	0.1588
rs11639055	T	-0.0284
rs335777	G	0.0249
rs4569227	C	-0.0349
rs10468118	A	0.0263
rs4523881	G	0.032
rs149201978	G	-0.0969
rs78456757	C	-0.0992
rs7168760	A	-0.0277
rs61998563	A	0.0853
rs72717668	C	-0.0504
rs12903555	G	0.0396
rs7164037	C	-0.0575
rs7176389	A	-0.0341
rs75173187	T	-0.1045
rs588655	C	0.0278
rs8025057	T	0.0381
rs79685458	A	0.188
rs4776135	G	-0.0252
rs143666454	C	-0.1922
rs62020716	C	-0.0545
rs76738861	T	0.167
rs75868131	A	0.0704
rs10162990	A	0.037
rs4965985	T	0.1349
rs75035787	A	-0.0777

rs72727382	A	0.1342
rs11852323	G	0.0604
rs11631627	A	-0.0952
rs16952742	A	-0.1752
rs118004187	T	0.1028
rs11072481	A	0.0423
rs7173544	T	0.0534
rs7164968	T	0.0471
rs11073234	G	0.0275
rs117742221	A	0.1342
rs11855942	C	-0.0249
rs7161844	G	0.0276
rs7179783	T	-0.079
rs59051662	C	0.0421
rs72761026	G	0.1285
rs34668774	G	-0.0459
rs10851685	T	-0.0459
rs17303670	C	-0.1257
rs7167235	A	0.0644
rs72745007	C	-0.1447
rs4552006	T	0.0283
rs72750758	T	-0.18
rs74020083	G	-0.0408
rs8024850	G	-0.0326
rs117443990	T	0.1304
rs139730772	A	0.1463
rs112079445	C	-0.1656
rs56387971	G	0.1167
rs8029514	A	0.0521
rs7495174	G	-0.0481
rs481234	G	-0.1312
rs75791299	G	0.0672
rs144221057	T	0.2541
rs17526239	C	0.0379
rs16959015	A	0.1206
rs1722794	T	-0.071
rs75043276	T	-0.038
rs35402974	A	0.0413
rs28609605	T	0.0645
rs11634829	T	0.0487
rs2469094	G	0.0248
rs1400785	A	0.1338
rs79932915	G	0.157
rs34278216	A	-0.0662
rs115363851	A	0.0533
rs72489216	T	0.0402
rs11547966	T	-0.032

rs62007832	G	-0.03
rs117246726	G	-0.1337
rs1238245	A	0.079
rs140776839	C	-0.1039
rs111416797	T	0.0978
rs7178168	C	-0.1167
rs144045049	C	-0.1134
rs78565784	T	-0.0731
rs10163021	T	0.0779
rs117588122	A	-0.0578
rs7171883	C	0.0252
rs78732773	A	-0.0957
rs11637837	A	-0.0258
rs4776849	A	0.033
rs113633822	C	-0.1765
rs147668492	T	0.1246
rs600957	G	-0.0247
rs148501521	A	0.1633
rs72726085	T	-0.0669
rs12916744	A	-0.0252
rs7171638	T	0.0421
rs149806248	A	0.131
rs10163023	G	-0.1561
rs62037080	T	-0.0858
rs28640908	G	0.047
rs75263782	A	-0.0938
rs2679631	A	-0.0736
rs1545189	T	0.0303
rs17405259	C	-0.0314
rs62007823	C	-0.0675
rs145064630	T	0.1352
rs7182422	A	0.0781
rs55746986	C	-0.0521
rs147992438	C	-0.1678
rs11629523	G	0.0371
rs77390924	C	-0.0973
rs79899148	T	-0.1025
rs141844777	A	0.0966
rs7169021	G	0.0299
rs118037555	A	0.1367
rs35353483	A	0.0565
rs1500633	T	0.0777
rs75310666	G	0.1485
rs2114712	C	-0.0268
rs2719881	T	-0.0774
rs11854514	A	-0.0716
rs8036232	G	0.0521

rs7165568	T	0.0864
rs1037846	A	0.0247
rs8024327	T	0.0611
rs113392410	A	-0.1078
rs4774641	T	0.0453
rs971804	G	0.0498
rs73469203	G	0.0969
rs2684804	C	0.0386
rs2289439	T	0.0429
rs8023301	T	0.1263
rs4613025	T	-0.034
rs8042764	A	0.0282
rs901966	G	0.0459
rs67446529	A	0.0334
rs144243745	T	-0.1486
rs11635099	T	-0.048
rs2339101	A	0.0567
rs111752031	T	-0.107
rs151092641	C	-0.0902
rs880716	A	-0.0292
rs56400908	C	0.0468
rs62004155	T	0.0566
rs140304554	G	0.0994
rs76870030	T	-0.0793
rs145612519	G	0.1064
rs146965289	T	0.2194
rs72741202	T	-0.0336
rs73462225	A	0.1712
rs74005183	G	0.1062
rs74494854	A	0.1059
rs8029427	T	0.0632
rs57278163	G	0.1121
rs4777174	T	-0.0557
rs8040603	A	0.0398
rs7172816	C	-0.0317
rs17586985	C	0.0534
rs2518968	C	-0.0316
rs72649536	A	-0.0523
rs77014830	G	-0.0393
rs332269	G	0.039
rs8036119	C	0.0352
rs1980268	G	-0.0388
rs117206795	C	-0.1499
rs112428254	A	-0.1314
rs8923	C	0.0427
rs72761434	A	-0.0456
rs345889	A	0.0412

rs1522779	A	0.051
rs148025835	G	-0.1324
rs746673	A	0.0358
rs9652461	A	0.0268
rs72761418	G	0.1501
rs12906109	C	0.0279
rs8034012	C	-0.0266
rs7171639	T	0.04
rs11633709	A	-0.0495
rs2611792	A	-0.0256
rs12906468	T	-0.0445
rs72729074	T	-0.1294
rs8039603	C	0.0333
rs60520476	C	0.1154
rs113841230	T	0.0769
rs11073124	A	-0.04
rs1384129	T	-0.038
rs75386768	G	0.0324
rs57381713	C	-0.0289
rs8024755	A	-0.0456
rs4965210	A	0.0438
rs17301739	G	0.0489
rs116928838	G	-0.1496
rs112281195	T	0.0953
rs72736911	G	0.0477
rs8042406	C	0.0352
rs11857175	C	0.0558
rs11856496	T	-0.0483
rs6496364	C	0.0354
rs62023778	T	-0.0526
rs1873282	G	-0.0299
rs8026882	C	0.0605
rs59141095	G	0.0417
rs75248116	C	0.1313
rs11071522	G	0.0374
rs117990941	C	0.1082
rs58266050	G	0.0344
rs4776890	G	0.0282
rs67877911	A	-0.0361
rs117849714	G	0.1175
rs79907450	A	0.1866
rs79457393	C	-0.0906
rs145879943	C	-0.127
rs1060529	C	0.0494
rs76336281	C	0.1281
rs7168070	T	-0.0291
rs62041070	T	-0.1688

rs80142747	C	-0.0552
rs62008558	A	0.1143
rs8026332	C	-0.1263
rs140913877	T	0.0693
rs138236730	A	0.0886
rs12148296	G	-0.0305
rs55723376	T	0.0785
rs12324715	G	-0.075
rs11630332	T	-0.0377
rs2676019	T	0.0441
rs12324236	T	0.0523
rs78652649	G	0.0948
rs11638667	T	0.0265
rs62024399	C	-0.2154
rs634744	A	0.0469
rs74971812	A	0.0975
rs11635083	A	0.0264
rs62012582	T	-0.1042
rs2242056	T	-0.0335
rs112928311	A	0.1461
rs55736601	A	-0.0807
rs16947230	G	-0.035
rs3743299	T	0.0329
rs9744376	A	-0.0325
rs1546270	A	0.0481
rs664177	A	0.0329
rs4774829	C	-0.0407
rs17270876	C	0.0322
rs2415029	A	-0.0682
rs7171697	A	-0.041
rs12911022	T	-0.0739
rs117482967	A	0.1157
rs17815869	A	0.0484
rs77951476	T	-0.0945
rs2739818	T	-0.0379
rs7171723	T	-0.0347
rs16971429	C	0.0329
rs1433944	G	0.0267
rs117823680	G	-0.0809
rs145984702	T	0.0817
rs2126698	T	0.0481
rs143751810	G	0.0824
rs2054717	C	-0.0321
rs118048928	T	-0.0711
rs3907904	T	-0.0344
rs34610018	A	-0.1139
rs77455556	C	0.0522

rs1159988	T	-0.0393
rs17285778	T	0.0272
rs17657561	T	0.0991
rs12904826	C	0.0841
rs62001840	C	0.0387
rs2278296	C	-0.0325
rs2917840	A	0.1631
rs55833717	T	-0.0325
rs72759037	A	0.0668
rs28466568	A	-0.0335
rs61024165	T	0.0361
rs11854046	C	-0.0871
rs12441504	G	0.0265
rs62014181	A	-0.1053
rs57156757	T	-0.1267
rs10438410	T	-0.0933
rs146080662	T	-0.151
rs12908766	G	0.0313
rs11852299	T	-0.0253
rs10163031	T	0.0575
rs6606885	G	-0.0241
rs11636337	G	0.0277
rs6496651	T	-0.027
rs769762	G	0.0258
rs75554891	A	-0.1153
rs7171025	T	0.0799
rs1377088	A	-0.0249
rs8026446	C	0.033
rs56004465	T	0.0406
rs1319873	C	0.0404
rs2677409	C	-0.0244
rs72747617	A	-0.0359
rs2133126	G	-0.0392
rs11630821	T	0.0376
rs67616875	A	-0.0423
rs118042195	A	0.0524
rs1004724	T	0.0452
rs689695	C	0.0375
rs12901653	T	0.0518
rs117132711	A	0.1049
rs72695683	C	-0.031
rs35325037	T	0.1238
rs142723262	T	0.1161
rs34117505	T	0.0316
rs2937284	G	0.0311
rs112113314	T	-0.0592
rs75405049	G	0.1373

rs1392160	G	-0.0365
rs604689	T	-0.0359
rs145822435	G	-0.129
rs4489957	A	-0.0696
rs16971712	C	0.1286
rs34814882	T	0.1459
rs7180564	T	-0.0306
rs73414887	T	-0.035
rs67482297	A	0.0397
rs2554437	C	-0.0249
rs2444966	T	-0.0245
rs2414367	G	0.1321
rs8026410	T	-0.0288
rs34272384	A	0.1038
rs2554313	A	0.1343
rs113596309	G	0.122
rs12592822	C	0.0283
rs117331576	A	-0.1499
rs143815615	T	0.1084
rs113206875	C	-0.089
rs142577588	C	-0.1402
rs71409236	T	0.0497
rs293352	G	-0.0244
rs35572469	G	0.1368
rs2460641	C	-0.0257
rs117766208	A	0.1412
rs60723032	A	-0.0601
rs79972309	C	-0.0568
rs375606	C	0.0371
rs12324083	C	0.0901
rs3848186	G	0.0419
rs11630437	A	-0.1153
rs117330224	C	0.0839
rs79345527	A	0.1069
rs6496301	C	0.0521
rs74009726	C	0.1042
rs72754715	T	-0.0536
rs75577625	T	-0.1459
rs782926	A	-0.0254
rs117210658	T	0.1054
rs117823089	C	0.1251
rs7174604	G	0.031
rs62016997	T	0.088
rs2271405	C	0.029
rs118024851	A	-0.0836
rs34146646	T	0.1113
rs6598358	A	-0.0523

rs111416412	G	0.1604
rs289107	C	-0.0247
rs2445741	G	0.0279
rs969908	A	0.0259
rs77625147	T	0.0949
rs118028915	A	-0.1163
rs8030058	C	0.0254
rs35035223	G	-0.0777
rs11263700	A	0.027
rs435224	C	0.1319
rs61528005	A	0.0648
rs144957564	C	-0.1657
rs2651511	G	-0.0343
rs75088295	A	0.1221
rs9302287	A	-0.0381
rs4887401	T	0.0319
rs72742821	A	0.0895
rs12050581	A	-0.0293
rs141487913	G	-0.1137
rs10908270	A	-0.0878
rs118191814	T	0.1336
rs2598470	T	-0.0323
rs117223994	T	0.0718
rs62040963	C	-0.0456
rs904213	C	-0.0257
rs9708101	G	-0.031
rs35964798	T	-0.1606
rs28618157	G	-0.0556
rs62022762	G	-0.0526
rs71474497	C	0.1077
rs7174505	A	0.0277
rs8026788	C	-0.0506
rs16974989	G	0.1708
rs7162752	G	0.0649
rs4523884	C	-0.0518
rs12911531	C	-0.0935
rs12050606	C	0.0493
rs117451853	G	0.1373
rs16943484	C	-0.0525
rs56108733	A	-0.083
rs12902797	G	0.0817
rs77154007	T	0.1072
rs8030691	A	-0.031
rs76568612	C	0.1649
rs111421106	T	-0.1234
rs62003287	G	0.126
rs28426996	A	-0.0358

rs142394214	C	0.1304
rs4525436	T	-0.0247
rs12050883	T	0.0913
rs9744087	T	-0.1619
rs78937319	G	0.1542
rs11633495	T	0.0325
rs149800418	T	-0.1199
rs113152888	G	0.1704
rs117420183	T	0.2072
rs140715333	C	-0.098
rs4287518	A	-0.0242
rs75487106	C	0.078
rs4906654	T	0.0364
rs72741477	T	0.1132
rs7171473	G	-0.0313
rs11070764	T	-0.0237
rs141474793	T	0.1326
rs12442260	C	0.0394
rs12910599	A	0.0561
rs62020464	A	-0.0355
rs2899439	A	-0.0324
rs118059661	A	-0.1226
rs117559123	G	0.0828
rs11074077	G	0.0297
rs7182684	A	0.0314
rs117872151	T	-0.1326
rs55692706	C	-0.0475
rs147133924	T	0.1144
rs34494382	A	-0.1419
rs140117312	A	0.1291
rs8033895	G	-0.0294
rs8028759	C	-0.0261
rs28861470	A	-0.0983
rs137968634	A	-0.0894
rs72708642	G	0.0531
rs117617844	G	0.1125
rs117629768	C	-0.0947
rs3866550	C	-0.0239
rs4522399	A	-0.0269
rs76442439	C	0.1126
rs111735100	C	0.09
rs79295766	T	0.0552
rs2175372	T	0.0466
rs338513	A	0.0363
rs113322598	T	0.1384
rs17589523	A	0.0303
rs72699709	G	0.0416

rs17646847	G	0.0554
rs118109104	T	-0.1001
rs12438675	A	-0.0404
rs7164176	G	0.0263
rs79030891	T	0.0646
rs16946054	C	0.0577
rs61480315	T	0.0948
rs112103506	G	-0.1369
rs28468472	G	-0.0274
rs11856978	G	0.0403
rs66536006	A	0.0718
rs11858014	A	-0.0259
rs12592432	A	-0.1146
rs140857051	T	-0.1087
rs113434665	T	-0.116
rs79638843	G	-0.179
rs11161198	A	0.0835
rs144500865	A	0.1119
rs78176913	T	-0.0529
rs13313514	T	-0.043
rs1453184	A	-0.0256
rs75938518	T	0.1594
rs73442025	T	-0.1189
rs1500639	A	-0.0252
rs3935339	T	-0.0319
rs8038077	C	0.0465
rs11263698	T	-0.0521
rs2036815	T	0.0344
rs12912660	T	0.0456
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rs72758775	C	0.0767
rs117403031	A	0.1517
rs72755086	T	-0.1066
rs78733205	T	0.1508
rs75287105	C	0.1183
rs77747948	C	0.1364
rs17509779	C	0.037
rs7162160	G	0.1846
rs74865241	G	-0.0426
rs7180919	A	-0.0236
rs117310215	T	0.1083
rs290652	G	0.0298
rs62038570	G	-0.0354
rs145580584	G	-0.0692
rs151189767	T	-0.0871
rs16942758	G	0.0384
rs17634916	G	0.0267

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rs4887515	G	-0.0514
rs17504257	G	-0.0288
rs4350553	A	0.1261
rs10400882	C	-0.0247
rs4887345	G	0.0256
rs1995879	A	-0.0338
rs71471590	T	-0.091
rs8025737	C	-0.0295
rs117046709	G	0.1893
rs9806758	C	0.0345
rs75134513	C	0.1206
rs117218446	G	0.1621
rs874897	A	0.0247
rs142073082	T	-0.1106
rs141101943	G	0.047
rs149095335	G	0.1427
rs11074280	G	0.0441
rs76262695	G	-0.1299
rs7165507	C	0.0245
rs1904892	A	-0.0628
rs1496875	A	0.0274
rs16948512	G	0.0374
rs62006532	A	-0.0653
rs718674	A	0.0298
rs61994488	T	-0.0438
rs117076446	A	0.1113
rs16961767	T	0.0817
rs2624276	G	0.0745
rs61991503	C	0.0294
rs117951944	T	-0.1407
rs142511876	T	0.1048
rs75893595	C	-0.1723
rs11558807	A	0.0559
rs12903813	G	-0.1038
rs4924178	G	-0.044
rs142491282	G	0.1229
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rs8040306	C	0.0414
rs8026343	T	0.087
rs77270943	A	0.0508
rs17328684	G	0.07
rs111455511	A	-0.0878
rs7181975	T	-0.0251
rs111855809	G	-0.0669
rs75917862	G	0.1525
rs28432786	T	0.159

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rs58313667	A	-0.0374
rs79201154	A	-0.1717
rs145183564	A	0.1131
rs7166484	G	-0.0353
rs776714	G	-0.0354
rs118017186	T	-0.1113
rs1470983	A	-0.0312
rs111286009	A	0.08
rs11633987	A	-0.025
rs11638935	A	0.0278
rs2446804	C	-0.037
rs28630729	A	0.0552
rs10851691	T	0.024
rs4774921	A	0.0354
rs117035148	C	0.0666
rs12906879	C	-0.0258
rs4622493	G	0.131
rs140193748	A	0.0465
rs77174423	G	-0.1075
rs142453246	T	-0.089
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rs2867933	C	-0.0409
rs11631151	A	0.0341
rs35790860	T	0.0346
rs142472543	G	-0.0867
rs76752491	T	0.1295
rs12914579	G	-0.0532
rs17584591	C	0.0292
rs56313612	G	0.0368
rs79674484	C	0.1039
rs111293726	G	-0.0405
rs17644708	C	0.026
rs77127192	C	-0.0326
rs58020644	A	0.0575
rs58709835	C	0.0738
rs7170825	A	-0.0395
rs74024091	A	-0.0333
rs6606829	A	-0.0243
rs76040373	A	0.1079
rs7183884	C	0.1266
rs76703891	A	0.0461
rs8040839	T	-0.0378
rs12905883	A	-0.0917
rs62010843	G	-0.1037
rs11630753	G	-0.0339
rs1446336	A	0.0252

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rs78594163	T	0.0819
rs4923852	A	0.0249
rs34933825	T	0.211
rs12912808	T	-0.0381
rs59906014	T	-0.0521
rs12594571	A	-0.041
rs1980230	C	0.0351
rs117942942	A	-0.057
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rs56126978	T	-0.0663
rs56117602	C	0.0274
rs11638670	T	-0.0332
rs28661610	A	0.0273
rs142260071	T	0.1191
rs1316743	A	0.0236
rs12101889	C	-0.0471
rs62025436	A	0.0673
rs7182936	G	-0.0263
rs34206273	C	0.0318
rs2082858	T	0.0411
rs117958632	T	0.1927
rs72705736	C	-0.1423
rs66500340	G	0.0435
rs141107350	A	-0.0733
rs921845	T	0.028
rs72633218	A	-0.0657
rs4965789	T	-0.0695
rs139703829	A	-0.163
rs7174755	C	0.0245
rs78207408	A	0.13
rs78747182	G	0.0866
rs17773784	C	0.032
rs8041033	A	0.1486
rs79436392	T	-0.1652
rs77366805	C	0.0895
rs17785279	G	-0.1329
rs56336520	A	0.0796
rs76793636	G	0.0462
rs34194816	T	0.0973
rs7181559	T	0.0254
rs28536117	A	-0.0316
rs34330936	G	-0.0295
rs72764122	T	0.0959
rs117341374	A	0.142

rs62003790	T	0.128
rs72734111	C	-0.1095
rs4774942	A	-0.035
rs61998710	A	-0.1216
rs72703141	C	-0.1144
rs17709876	A	-0.0508
rs145881749	T	0.1599
rs11634668	A	-0.04
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rs17293408	A	0.0673
rs75249485	G	-0.1082
rs72703904	T	0.1637
rs7175237	G	-0.0506
rs35064685	A	0.0667
rs1872050	T	-0.0322
rs55698343	T	-0.1839
rs59784184	T	0.0638
rs7171721	C	-0.0253
rs7166121	G	-0.0296
rs72712038	G	0.0924
rs77178975	T	0.0572
rs75961269	T	-0.1255
rs111845410	T	0.0628
rs7183344	G	-0.088
rs73377027	T	0.0628
rs3848196	T	-0.0291
rs62009299	A	0.1448
rs57004829	G	0.0302
rs118114900	T	0.1448
rs17428029	C	0.1025
rs143264544	C	-0.1155
rs345857	A	-0.0232
rs146780977	T	0.1181
rs75695245	A	-0.1023
rs72705912	A	-0.1009
rs8033759	A	-0.0376
rs11632278	C	0.0413
rs9806369	A	0.0347
rs4779510	A	-0.0339
rs7179052	C	0.0383
rs7176637	A	-0.0227
rs7166811	C	0.0918
rs75442799	C	-0.0775

rs35740613	C	-0.0231
rs149390595	A	-0.0935
rs146779750	T	0.0538
rs2164622	T	0.0301
rs147320552	G	0.1369
rs76617788	A	-0.1016
rs714716	C	-0.0438
rs143815610	T	0.1068
rs2219816	A	0.0225
rs4442782	G	0.0701
rs117139372	T	-0.1096
rs72745755	G	0.085
rs2129795	A	-0.0436
rs2009404	T	0.0241
rs7176180	C	-0.0332
rs7169918	G	-0.0293
rs141492964	C	0.1114
rs815165	T	0.0309
rs73435701	G	0.0645
rs36116683	G	-0.0279
rs17780818	T	0.1173
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rs16973512	T	-0.0894
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rs11637441	T	-0.0285
rs116920153	A	0.0803
rs117798556	G	0.2014
rs11637608	T	-0.0235
rs41280048	A	0.1991
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rs75334553	T	-0.0763
rs8039702	T	-0.0329
rs71476746	T	-0.0337
rs76673272	A	-0.1109
rs506259	C	0.0435
rs79260486	G	0.0739
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rs150707431	A	-0.0738
rs17816633	A	-0.1125
rs12911435	C	0.1921
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rs62045811	A	-0.12
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rs2562769	T	-0.0233
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rs34133591	A	0.029
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rs72765016	C	0.0345
rs118020484	T	-0.0898
rs11638450	T	-0.0251
rs868122	C	0.0477
rs4008148	A	0.0256
rs141426727	C	0.1268
rs11247207	A	-0.0273
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rs7170666	A	-0.0646
rs62027978	A	0.0572
rs12439226	C	-0.0239
rs2593028	T	-0.0466
rs79303605	A	0.0847
rs117244395	G	-0.1104
rs2238353	A	-0.0534
rs938076	A	-0.0224
rs79927613	A	-0.0771
rs16947141	C	0.0749
rs62027207	A	-0.0301
rs117210124	A	0.1332
rs147030620	G	-0.0608
rs72760612	T	-0.1031
rs891343	T	-0.0254
rs117584784	T	0.1861
rs55895132	A	-0.0628
rs965696	C	0.0297
rs958759	G	-0.0277
rs3743332	C	-0.0254
rs12911852	C	-0.0266
rs28645333	C	0.025
rs72746055	T	0.0697
rs10468147	G	0.0309
rs16948638	C	0.0975
rs62025320	T	-0.0501
rs2714770	C	-0.0673
rs8037829	C	-0.041
rs145553134	T	0.0782
rs2679622	G	0.0245
rs112786475	A	-0.0863
rs144030056	A	0.0853
rs28716419	C	-0.0326

rs62048173	G	-0.0244
rs1719348	T	-0.029
rs4777388	G	-0.0493
rs3784721	C	-0.0556
rs8043199	G	-0.0662
rs34124020	G	-0.0744
rs12324674	A	-0.0236
rs9989308	G	-0.0323
rs71468846	C	0.1581
rs149163518	G	0.1088
rs139941060	T	-0.1302
rs151276028	A	-0.1256
rs141981217	T	0.1025
rs2725578	C	0.0317
rs150212864	C	0.1569
rs117058984	A	0.146
rs12324194	T	0.1611
rs58180668	A	0.0301
rs2019121	G	-0.0361
rs79252865	A	0.138
rs78231863	G	0.0763
rs11638111	C	-0.0319
rs28778704	T	-0.1167
rs72735829	T	-0.096
rs117138143	G	0.1289
rs55685171	G	-0.0813
rs881536	A	-0.0348
rs8029967	G	-0.0292
rs117933277	G	0.0909
rs28569959	A	0.0362
rs76443071	T	-0.0755
rs55738821	G	-0.1049
rs4778565	C	0.0297
rs12909773	T	-0.0339
rs72749944	A	0.1199
rs1377730	T	0.0226
rs118141855	G	-0.0828
rs1829673	C	0.0245
rs56223005	G	-0.0434
rs62002124	A	0.0898
rs319895	G	-0.0311
rs66917351	C	0.1209
rs4965808	C	-0.0262
rs16939816	G	-0.0607
rs10851562	A	-0.028
rs140895722	G	-0.1427
rs35180855	G	0.0306

rs1810246	T	0.0308
rs7166552	T	-0.0722
rs1450417	C	0.0247
rs28497202	T	-0.2083
rs9989307	C	0.0707
rs7176736	A	0.0349
rs75715461	C	-0.1088
rs8037268	A	0.084
rs28650396	T	0.0528
rs59044616	T	0.1246
rs72630428	A	0.0875
rs72761948	T	0.0878
rs12439105	G	-0.0367
rs138994873	C	-0.1167
rs145764000	A	-0.0888
rs4566130	T	0.0968
rs1995972	C	-0.0345
rs12903939	A	-0.036
rs11636681	C	-0.0265
rs1496922	A	0.0247
rs11631301	A	0.0584
rs77976268	T	-0.0256
rs6496528	C	-0.0318
rs4577066	C	-0.0261
rs895444	G	0.0333
rs57783949	T	-0.0276
rs10438362	T	-0.0271
rs60606735	T	0.0357
rs137910498	A	0.1042
rs28529039	G	-0.1584
rs140884831	G	-0.0537
rs7173247	T	-0.0347
rs112694082	A	0.0485
rs76884482	T	-0.208
rs4778298	T	0.0241
rs145227358	T	-0.1387
rs150013068	A	0.0514
rs2639187	A	0.0287
rs3803478	A	-0.0273
rs112307782	C	-0.0914
rs893287	A	0.0224
rs62019458	G	0.0959
rs12442900	C	-0.0225
rs116341094	T	-0.0888
rs890266	T	0.0239
rs7179958	A	-0.023
rs114903147	A	0.1058

rs7173718	A	-0.0221
rs1020180	T	0.0263
rs7181993	A	-0.0423
rs78113709	T	-0.1935
rs4305001	C	0.1479
rs3784463	A	-0.0315
rs7172228	T	-0.0605
rs117165548	A	-0.1554
rs62023383	A	-0.0973
rs16964853	G	-0.0437
rs4776602	G	0.0604
rs16971223	G	0.0234
rs6494278	C	-0.0415
rs115789093	A	-0.0818
rs140288505	A	0.0977
rs12899177	G	-0.0856
rs11073954	G	-0.0316
rs75110365	T	0.0673
rs16947884	A	0.0785
rs62005123	C	-0.03
rs150215516	G	-0.1375
rs3985787	A	0.0663
rs111937096	A	0.0862
rs144515058	C	-0.1008
rs79552368	G	0.0794
rs8027027	T	-0.0278
rs117987223	A	-0.0865
rs7183801	C	0.0237
rs149211150	T	0.1012
rs117871283	G	-0.1167
rs7180063	T	0.0309
rs7173522	A	0.0486
rs730556	A	0.0254
rs4365246	T	0.0229
rs3812934	C	-0.0242
rs677413	C	-0.0233
rs56921963	T	0.1244
rs112779770	G	-0.0337
rs117972215	C	0.0829
rs76981970	C	0.0651
rs7403417	G	-0.0602
rs4906781	T	-0.024
rs75702839	A	0.0329
rs148811660	C	0.1063
rs8029811	C	-0.028
rs1871016	T	-0.0575
rs11630314	A	-0.0592

rs9989259	G	0.0227
rs116427854	C	-0.1458
rs2229691	G	-0.0271
rs118186078	T	0.0987
rs8029844	T	-0.094
rs111923513	C	0.1073
rs144744323	T	0.0495
rs2046925	T	0.0256
rs7182137	T	-0.0445
rs12909039	T	-0.0255
rs1503287	A	0.0271
rs62009271	T	0.0255
rs117278988	A	-0.0746
rs2440336	C	0.0245
rs16971354	G	-0.0883
rs111879823	T	0.1291
rs79047684	T	-0.0757
rs7164711	G	-0.0269
rs11854227	T	0.1168
rs7175207	G	0.0513
rs36005289	A	0.039
rs2228531	A	-0.1681
rs116869754	C	0.1746
rs77804961	A	0.0829
rs56026891	A	-0.0907
rs79742014	T	0.0903
rs7176424	A	0.0267
rs2013359	G	-0.0334
rs138964335	T	0.0608
rs2288603	C	0.1109
rs62006053	G	-0.0309
rs2606154	A	0.0257
rs3743137	T	-0.0393
rs17273380	A	0.0622
rs61993795	A	0.0672
rs11638148	T	0.0441
rs2562767	G	-0.0228
rs7164054	G	0.0289
rs8040423	G	0.1028
rs35325894	G	-0.0414
rs28510702	A	0.0583
rs111392236	T	-0.1106
rs877045	C	0.0438
rs11856397	T	-0.0529
rs28735520	C	-0.0486
rs55757606	T	-0.0322
rs716390	G	0.0279

rs139516447	C	0.1222
rs28540281	C	0.0326
rs12443448	C	0.0941
rs10518941	C	0.0561
rs78580592	G	-0.1026
rs78941921	A	0.0543
rs2083454	G	-0.028
rs4775615	G	0.0292
rs7181146	A	0.0754
rs56168656	C	-0.0999
rs1343102	G	0.0215
rs72745747	A	-0.0665
rs77368862	T	-0.085
rs11858820	T	0.0723
rs4965600	G	0.0253
rs17652495	A	-0.0811
rs28463173	C	-0.0833
rs8042093	C	-0.0325
rs59929543	T	0.067
rs8041377	G	-0.0888
rs75812735	T	0.0718
rs111488993	G	-0.0917
rs76580790	A	0.0731
rs2004512	G	0.0302
rs4072803	A	-0.0225
rs8023333	A	0.0285
rs10518750	A	0.0346
rs58675308	A	-0.0756
rs4778360	A	-0.0329
rs58461136	T	-0.1405
rs62006484	A	0.1821
rs11858217	C	0.0239
rs16950210	G	-0.0754
rs140410782	A	0.0793
rs2759314	A	-0.0399
rs12904857	A	0.0752
rs4887181	C	-0.033
rs8030078	C	-0.0572
rs537848	G	-0.0219
rs7182653	G	-0.0217
rs28514332	G	0.1456
rs80242818	C	-0.0358
rs8025505	T	0.0298
rs72733102	T	0.1612
rs67176189	A	0.0259
rs11855900	G	-0.0629
rs76688285	A	0.1165

rs116943053	G	-0.0976
rs117549503	C	0.0676
rs1564693	C	0.0452
rs150273749	G	-0.1181
rs77748036	A	0.0768
rs117244336	T	-0.14
rs5030697	T	0.1372
rs147903483	T	-0.1077
rs7170561	C	0.0232
rs72752941	C	-0.0317
rs35515716	C	0.0466
rs9920555	C	0.1309
rs17875583	A	0.095
rs11633125	A	0.0822
rs75368021	G	0.0769
rs8028507	C	-0.037
rs116973082	T	-0.085
rs56192863	A	0.0273
rs56065022	G	-0.0531
rs72760260	A	0.0899
rs61732346	A	0.1385
rs11635599	C	0.0296
rs17586255	C	-0.0322
rs76763121	T	-0.0433
rs72760342	G	0.0737
rs112541666	C	-0.0817
rs7176561	C	0.0328
rs17200392	A	-0.1045
rs35769013	G	0.0611
rs78060089	G	-0.0614
rs139402847	C	-0.1974
rs17235805	G	-0.0724
rs61019979	T	-0.0549
rs77947038	T	-0.0877
rs1689938	T	0.0346
rs62004411	G	0.1004
rs117114481	A	0.1397
rs62011693	T	-0.0387
rs12899836	A	0.032
rs148077173	C	-0.1516
rs2249312	T	-0.0223
rs11633774	A	0.0451
rs148684390	C	-0.0989
rs72740140	T	-0.0716
rs59269598	T	-0.0226
rs74614863	A	0.0805
rs55673204	T	0.1112

rs77362367	G	0.0534
rs79321970	G	0.0714
rs141271015	T	0.1356
rs117136097	A	-0.2222
rs72732753	A	0.1952
rs11856730	C	-0.0704
rs73391315	A	0.0708
rs78721842	G	-0.0481
rs13329152	T	-0.0425
rs4102909	C	0.0284
rs11635377	A	-0.0718
rs11630120	T	0.1003
rs1975754	G	0.0246
rs12909366	G	0.0327
rs16944505	A	0.1041
rs4779583	G	0.1079
rs147421249	T	0.1322
rs4777085	A	-0.0432
rs79393267	A	-0.0783
rs1560779	G	0.022
rs12901951	A	0.0907
rs4614674	C	0.0545
rs113492848	A	-0.149
rs12907930	C	0.0222
rs305019	G	0.0237
rs10438450	C	0.0857
rs148720406	A	-0.0737
rs12593847	T	-0.0263
rs12911184	T	-0.0239
rs921505	C	-0.0495
rs2283438	T	-0.0232
rs75558051	T	0.153
rs873393	T	0.023
rs16947535	C	0.0285
rs3649	C	0.0354
rs75451877	C	0.0348
rs11638510	A	-0.051
rs7164460	T	0.1258
rs117721795	G	-0.0907
rs2278708	T	-0.0669
rs34592087	A	-0.1131
rs115851102	C	0.1335
rs62021053	A	0.0293
rs12594483	A	-0.0371
rs1342522	T	0.0225
rs67674051	A	-0.0385
rs2562784	G	-0.0254

rs76215143	A	-0.0805
rs148678592	T	0.0651
rs6495384	G	0.0328
rs62016792	G	-0.1068
rs147851815	T	-0.0417
rs150365087	A	0.081
rs80100837	T	-0.1287
rs79762334	G	0.0488
rs17740607	A	0.0356
rs16961348	C	-0.0499
rs12899152	G	-0.0966
rs1115505	G	-0.095
rs35837677	T	0.0281
rs4598890	T	-0.0319
rs55764737	C	-0.0665
rs141971853	A	0.1181
rs112014904	A	0.05
rs2589231	T	-0.0337
rs72747352	C	0.0598
rs117815642	T	0.0908
rs117848155	C	-0.0563
rs118138745	C	0.1434
rs79532033	C	0.0591
rs7176353	C	-0.0427
rs76345533	G	-0.0684
rs74609861	G	-0.067
rs4243769	G	0.0251
rs55849417	A	-0.0291
rs79804987	C	0.081
rs72751371	C	0.1261
rs76172385	G	-0.1147
rs74777346	G	0.0341
rs77982247	A	0.0536
rs2016395	G	-0.0279
rs147294178	A	-0.1576
rs117792125	A	-0.1018
rs936310	A	0.0826
rs751103	G	0.0385
rs142252057	A	0.0642
rs1134444	G	-0.043
rs117325051	A	0.0564
rs72546309	T	-0.0471
rs28845580	G	-0.0597
rs77103696	A	0.0766
rs8031224	C	0.034
rs3110483	T	-0.0238
rs12901449	G	-0.1667

rs12900331	C	0.0238
rs6496263	T	-0.0526
rs4966230	A	0.0928
rs156658	G	0.0337
rs12906856	T	-0.0259
rs870929	T	0.0864
rs62021287	G	0.0918
rs76285454	G	0.1168
rs3784589	A	0.0465
rs1357470	C	0.0263
rs117439795	T	-0.0866
rs117844477	C	-0.1275
rs7167433	A	-0.0924
rs77313612	C	0.1807
rs1722827	T	-0.0402
rs149300899	T	-0.1437
rs74539715	C	-0.1721
rs147975533	A	0.1155
rs28401427	C	-0.0225
rs118092507	A	0.1057
rs4541012	A	0.0223
rs56279213	G	0.0311
rs138620779	T	-0.1532
rs149353885	T	0.151
rs75595038	T	-0.0866
rs3098550	T	0.0835
rs844034	T	-0.0368
rs113613078	A	0.0397
rs2278966	C	-0.023
rs12148859	A	-0.0265
rs76444515	A	0.1077
rs2381819	T	-0.0357
rs144404525	T	0.1318
rs11073271	C	-0.0499
rs78106502	G	0.0759
rs11070879	G	-0.0314
rs56378114	T	0.0241
rs12917252	T	-0.0277
rs117017655	C	-0.1181
rs77217125	C	-0.1427
rs1036304	C	-0.0268
rs77967207	A	0.139
rs16941568	A	0.0682
rs12916823	A	0.0288
rs3934604	A	-0.0242
rs6494230	C	-0.0327
rs2016133	A	0.025

rs76617833	G	0.0941
rs294538	G	-0.0218
rs16945735	T	-0.0871
rs8039047	T	0.0361
rs11636290	A	0.0514
rs17524415	A	0.0283
rs62008631	A	0.0652
rs8036467	G	0.0333
rs34544879	T	-0.0402
rs72738710	T	0.117
rs9672351	A	0.0385
rs137919035	T	-0.1572
rs7168486	T	-0.0248
rs117801799	A	-0.1381
rs79361303	T	0.0567
rs76578273	A	0.1036
rs143054943	G	0.0972
rs1441355	T	0.023
rs75990009	G	0.0777
rs7495974	C	-0.0301
rs1973063	G	-0.1868
rs12441320	A	-0.0271
rs62019196	T	0.0516
rs7177287	A	-0.0558
rs117149746	T	0.0502
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rs4906848	G	0.097
rs72737781	A	0.0521
rs117107968	A	-0.0854
rs2413899	A	-0.0339
rs79370723	A	0.1174
rs10851962	G	-0.0226
rs112754882	C	-0.1169
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rs6495980	A	-0.0442
rs7173996	T	-0.028
rs16945582	G	0.0296
rs4132684	A	0.1256
rs62007560	G	-0.0471
rs16972208	A	-0.1291
rs139668133	A	0.1033
rs9920971	T	-0.03
rs56344664	G	-0.0583
rs1846923	T	-0.0541
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rs117203432	A	-0.1052
rs112609301	C	-0.0711

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rs147558758	C	0.0864
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rs62001428	T	0.0396
rs141655944	G	0.1449
rs145675357	A	0.0632
rs1992730	A	0.0264
rs1864755	T	-0.0814
rs10438374	C	-0.0322
rs8031045	A	0.0285
rs1545124	T	0.1047
rs73485936	C	-0.0424
rs35849583	T	0.0737
rs12442591	A	-0.0398
rs12594187	C	0.023
rs78646212	G	-0.038
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rs12899593	A	0.0717
rs116967101	A	0.1033
rs75390830	C	-0.0734
rs11635477	C	0.0209
rs4611418	C	0.0261
rs11629627	T	-0.0297
rs16966665	C	-0.035
rs304982	C	-0.0357
rs148716246	C	0.0696
rs28685740	A	0.026
rs112029509	G	-0.1511
rs7165436	T	-0.021
rs146540153	C	0.106
rs35868429	C	-0.0823
rs10468030	G	0.0249
rs12148910	G	-0.0654
rs78750464	G	-0.0955
rs5014755	G	0.0444
rs78801903	G	-0.0407
rs117696866	T	0.1015
rs1038235	C	-0.0316
rs2639676	C	-0.0249
rs138272444	T	-0.168
rs12441274	T	0.0423
rs144105388	T	-0.0935
rs79833436	T	-0.0963
rs35871195	A	0.1591

rs924551	G	0.0352
rs13329421	T	-0.0367
rs56994546	A	-0.1362
rs12904128	A	-0.0292
rs150654618	T	0.1802
rs1994379	C	-0.022
rs112835635	G	-0.115
rs282789	G	0.0211
rs62019409	T	0.1561
rs12443390	T	0.0483
rs112963899	T	-0.0743
rs345829	C	0.0373
rs2113680	G	0.0212
rs12595136	G	-0.0237
rs726193	C	-0.0232
rs7359232	G	-0.0281
rs55649144	A	0.0295
rs17650623	G	0.0682
rs11637841	C	0.0642
rs4778006	C	-0.0257
rs4779958	G	-0.0269
rs16964713	T	-0.026
rs11631014	G	-0.0299
rs1973402	C	0.0231
rs11635770	T	0.0249
rs347933	C	-0.0245
rs142986251	A	0.1021
rs77561221	A	0.0881
rs16940995	A	0.0535
rs111938667	T	0.1085
rs77022860	C	-0.0571
rs111779620	G	-0.1856
rs143190801	G	0.1017
rs144641246	A	-0.1752
rs1529889	A	-0.0247
rs8023334	C	-0.0332
rs10048035	G	0.0416
rs16977629	T	0.0481
rs74347030	C	0.0524
rs73445993	T	-0.0733
rs117710985	T	-0.1092
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rs7174923	G	-0.0357
rs145852438	G	0.0668
rs113591466	A	-0.1183
rs79154036	A	-0.0446
rs118161884	C	0.2257

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rs785448	A	0.0411
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rs12594784	T	0.041
rs117348940	A	0.0687
rs28392550	C	-0.0366
rs12906649	C	-0.1611
rs143925889	A	-0.0967
rs4386090	A	-0.0375
rs138141434	C	-0.0775
rs111787648	A	-0.0677
rs75838403	T	-0.071
rs75447968	C	-0.0515
rs11633931	T	0.0217
rs12440317	A	0.034
rs72729442	G	-0.0718
rs78656316	G	-0.0417
rs117304104	A	-0.0814
rs2164249	G	-0.0211
rs6598542	G	0.0222
rs16958087	G	-0.0245
rs11910	T	0.0245
rs138624326	T	0.0941
rs75339512	C	-0.0871
rs1973733	G	0.1025
rs8032724	T	0.0209
rs71393487	G	-0.0257
rs28734820	C	0.0295
rs75551315	T	0.0608
rs117552034	T	0.1167
rs72704410	A	0.0464
rs2319751	G	0.1488
rs8031894	G	0.0425
rs76491337	A	0.0658
rs77592885	A	-0.0467
rs114331850	T	-0.0518
rs2165249	A	-0.0395
rs3784605	C	0.0239
rs4432209	A	-0.0296
rs145798246	C	0.1423
rs4906809	C	-0.0725
rs113033943	T	-0.0885
rs7162845	A	-0.0392
rs56246032	C	0.0791
rs4775557	C	0.0673
rs117225496	A	-0.1542
rs12907488	G	-0.0517

rs1722816	G	-0.0721
rs12910901	A	-0.0308
rs147173821	C	-0.0588
rs11634491	G	0.0211
rs7170650	C	0.0356
rs28547012	G	0.0237
rs62009456	G	-0.1234
rs28576300	A	0.0451
rs16945328	C	-0.0491
rs72731207	T	0.1006
rs111429592	G	0.063
rs28470590	T	0.028
rs12903469	T	-0.021
rs112012183	C	0.1102
rs854160	T	0.0207
rs118008392	T	0.0838
rs4405531	G	-0.0242
rs143692029	C	-0.0923
rs118092058	T	-0.0762
rs144535834	C	-0.1003
rs34873869	G	-0.0351
rs75224639	G	-0.0982
rs12901168	A	0.0715
rs972531	C	-0.0213
rs35202794	A	-0.0919
rs77287639	G	-0.074
rs117363784	A	-0.0763
rs117441972	T	-0.0449
rs894297	A	0.0466
rs112000452	C	-0.0466
rs116938310	G	-0.0707
rs112416661	A	-0.1183
rs113265068	G	0.069
rs8034842	G	-0.0248
rs2934177	C	0.1094
rs28517433	G	-0.0615
rs2684796	T	-0.0333
rs12904771	A	-0.0309
rs75231995	G	0.0559
rs3743466	C	0.0231
rs12440264	T	0.1149
rs113455304	A	0.0748
rs62022437	C	0.0457
rs8028588	C	-0.0395
rs10519571	C	0.0252
rs141353095	T	-0.0896
rs12437676	T	-0.0221

rs4775480	G	0.0212
rs79971153	G	-0.1454
rs7175704	T	-0.057
rs4360877	G	0.0228
rs72747779	A	-0.0558
rs12439286	T	-0.0324
rs2047661	C	-0.0363
rs4924347	T	0.0502
rs78336256	T	0.0475
rs11072899	C	0.0232
rs28572152	T	0.061
rs79599491	C	-0.1007
rs139136580	T	0.1619
rs16952287	T	-0.0262
rs35483922	A	-0.0267
rs145660324	T	0.0448
rs112461537	A	0.1382
rs4779514	C	-0.0669
rs140357061	A	0.1633
rs139912749	T	-0.1368
rs78113165	G	0.0646
rs11855182	T	-0.0238
rs8023978	G	0.046
rs62024536	G	-0.0597
rs7174713	A	-0.022
rs7179078	G	0.0241
rs2176868	C	-0.0397
rs80208468	C	0.125
rs1863462	T	0.0531
rs117974015	A	-0.0968
rs10459634	G	0.0335
rs112049176	T	-0.0707
rs28485952	T	-0.0222
rs141722859	T	-0.1168
rs79858020	A	-0.0743
rs17204496	C	-0.0585
rs7174471	G	-0.0312
rs7174749	A	0.0263
rs11630761	A	-0.0217
rs117604403	T	-0.0585
rs3751583	C	-0.0399
rs71397234	T	-0.1074
rs4932415	G	-0.0338
rs59843228	A	-0.077
rs12898292	A	-0.0212
rs9919978	A	-0.048
rs11632951	G	-0.0266

rs936859	A	0.059
rs151118057	A	-0.1738
rs13329264	T	0.0825
rs1906160	A	0.0302
rs11635537	G	0.0216
rs1870301	T	0.029
rs12440037	T	-0.0292
rs1404582	C	-0.0241
rs2135890	T	-0.0204
rs11632858	T	0.0629
rs146904576	T	0.1634
rs112043456	A	-0.0343
rs78959615	T	0.1099
rs79153015	T	0.0292
rs150863559	G	0.1181
rs72760673	A	-0.0634
rs1387277	T	-0.0343
rs11631531	C	0.0216
rs28750405	A	-0.0837
rs74400697	T	-0.1662
rs11073457	G	0.0357
rs80078557	T	-0.1086
rs61703807	T	0.1062
rs7163981	T	0.0598
rs1435741	A	0.0202
rs6494849	A	0.0389
rs28620510	C	0.0505
rs4886727	T	0.0355
rs2034180	T	0.0252
rs72712694	C	-0.0532
rs13379728	C	0.0247
rs4509970	A	-0.0422
rs66800537	G	0.0205
rs16978050	T	0.0275
rs151186739	A	-0.0978
rs116982201	A	-0.1164
rs4616250	G	0.0287
rs902033	C	0.0242
rs113675468	G	0.0272
rs12905866	T	0.0223
rs57602907	T	-0.0212
rs17269733	G	-0.0375
rs139787202	G	0.0461
rs4932450	A	-0.0237
rs8027453	T	0.091
rs2280198	G	0.0199
rs67827628	C	0.031

rs62014194	G	-0.0452
rs12898820	G	-0.0554
rs4774371	A	-0.0252
rs7170611	A	-0.1124
rs736554	C	0.0273
rs28385048	A	0.2039
rs117310365	G	-0.0668
rs735983	G	0.0366
rs4545770	G	-0.0238
rs74727202	C	-0.0768
rs17696730	T	0.0338
rs8036154	G	0.143
rs12903717	T	-0.0501
rs12549	A	0.1468
rs4627317	A	-0.0227
rs8035056	A	-0.0434
rs79555420	G	0.1537
rs77415958	T	0.0953
rs2899440	A	0.0252
rs2865216	C	0.0209
rs75154580	T	-0.1293
rs4473146	A	-0.0314
rs61999922	A	-0.0811
rs77978423	G	0.1031
rs144220331	G	0.0611
rs150555151	G	-0.1439
rs61751119	T	-0.0768
rs8026089	A	0.0669
rs4779892	T	0.0377
rs17819282	C	0.033
rs10152370	A	0.0461
rs72719330	A	0.1075
rs2292548	C	-0.0484
rs79785042	C	0.0778
rs4334279	C	0.0236
rs7183372	T	0.0236
rs34677394	G	0.0415
rs62023882	C	-0.0972
rs35499037	A	0.054
rs142551207	G	-0.1886
rs72710565	A	0.0794
rs78748660	T	0.0422
rs79819993	C	-0.1864
rs146623204	G	-0.1166
rs2169460	A	0.0251
rs4984593	T	-0.0228
rs28565890	C	0.0482

rs12907563	T	0.0231
rs34471404	T	0.0264
rs7175539	C	-0.0213
rs12595699	A	0.0207
rs79008474	A	0.0809
rs1159325	C	0.173
rs143314553	T	-0.1037
rs8032690	A	-0.0474
rs12910527	C	0.1255
rs72751930	T	0.0828
rs4776040	G	-0.0231
rs112079885	T	-0.0581
rs7172044	G	-0.0359
rs12905461	G	-0.0287
rs2613616	A	0.1403
rs12148879	T	-0.0318
rs28450044	A	-0.0706
rs79689375	T	0.0501
rs7182026	C	0.0257
rs4442780	C	0.0411
rs9972588	T	0.038
rs62013399	A	0.0214
rs998020	C	-0.021
rs4778100	C	0.0223
rs12443300	C	0.0216
rs7166986	C	-0.0585
rs11639229	T	0.0534
rs149451788	C	0.1219
rs11636746	A	0.0393
rs2337233	T	0.0216
rs997941	G	0.0619
rs118105440	C	0.0977
rs12910785	C	0.0343
rs3825973	G	-0.0332
rs12443471	G	0.0227
rs55796688	A	0.0674
rs12906957	G	-0.055
rs12914008	A	0.0507
rs117170491	C	-0.1024
rs146136679	T	-0.0449
rs11635934	C	0.0465
rs2468744	A	0.0269
rs11632802	T	0.0219
rs58987117	T	-0.0863
rs62021047	A	-0.0467
rs4417522	A	-0.0209
rs117516846	T	-0.1675

rs962289	C	-0.0267
rs733952	A	0.0734
rs56401926	G	0.0259
rs579178	A	-0.0245
rs76113767	G	0.0695
rs3742996	T	0.1142
rs142073825	T	0.1399
rs58397815	A	0.1571
rs386220	T	0.09
rs117180612	A	0.0859
rs12912393	G	-0.0219
rs66875728	C	-0.0332
rs12148526	T	-0.0298
rs3115881	A	-0.0209
rs7179573	C	0.0408
rs147745262	C	0.1872
rs62025830	T	0.0216
rs2292069	G	0.0417
rs62019715	G	0.0385
rs139040195	C	0.0965
rs12910328	T	-0.0327
rs117470874	A	-0.1798
rs56044881	G	-0.0655
rs4633697	C	0.0607
rs28470766	A	0.0333
rs782951	G	-0.0294
rs75145098	G	0.1044
rs140684257	T	0.1077
rs146213948	A	-0.0645
rs138706350	G	0.087
rs28593352	T	-0.021
rs74838709	A	0.0687
rs117578017	G	0.0796
rs73480621	T	-0.0813
rs11633925	G	-0.021
rs111908240	C	0.1241
rs8032463	C	-0.0281
rs12148916	G	0.0206
rs71470552	C	0.0563
rs74635708	A	-0.0926
rs17631756	A	0.0744
rs150341374	A	0.0966
rs143223833	G	-0.1511
rs35204548	A	0.104
rs7166781	A	-0.0312
rs72755203	C	-0.1133
rs80100418	A	0.041

rs149994251	C	0.1129
rs117831634	A	0.1156
rs72750932	C	0.0342
rs1596161	G	0.0324
rs588739	C	-0.0271
rs4617804	G	0.0347
rs117298213	T	0.0566
rs116975338	G	-0.1008
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rs61503805	C	-0.0793
rs117949415	T	0.099
rs72759630	A	-0.0396
rs10519274	T	-0.0553
rs4923728	C	0.0223
rs140754419	G	-0.0841
rs11854174	C	0.0263
rs143722294	T	-0.0648
rs4965212	G	0.0235
rs36111622	T	0.0471
rs8031801	A	-0.0242
rs142331120	C	0.1127
rs9646215	A	0.0419
rs8031071	T	0.0195
rs11072268	G	0.0197
rs138418229	A	-0.0958
rs7180998	C	0.0496
rs75051468	T	0.1635
rs12592592	C	-0.0237
rs74797124	A	-0.1732
rs8023281	A	-0.0205
rs77129652	T	0.0659
rs12442540	T	-0.0215
rs35324064	G	-0.0269
rs79499117	A	0.0386
rs75549711	T	-0.1216
rs4609787	A	0.0647
rs7176056	G	-0.1226
rs9806279	C	0.1602
rs118065291	T	0.0782
rs4776734	G	-0.025
rs1722831	T	0.0548
rs1346151	T	0.0251
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rs4984446	G	0.0818
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rs77535456	G	0.0891
rs78702417	A	0.1119

rs11857846	T	0.0206
rs149873981	A	-0.0927
rs78076086	T	0.041
rs60506149	A	0.036
rs8035006	A	-0.0314
rs11853726	G	0.0255
rs140515970	A	0.0522
rs8032694	G	0.1229
rs76284772	T	0.1266
rs11852510	G	-0.0681
rs139396918	C	-0.0966
rs28760993	C	-0.0769
rs8042994	A	0.0577
rs10152729	T	0.0339
rs2526597	T	0.0195
rs716368	C	0.0213
rs8035389	T	-0.0292
rs2681309	G	-0.0226
rs72752101	A	0.0311
rs78313320	G	-0.0783
rs146077731	A	0.1155
rs7164623	C	-0.0826
rs2701505	C	0.0329
rs55940969	T	-0.0429
rs2733094	A	0.023
rs11634887	T	0.0273
rs2305646	C	0.0934
rs269866	G	0.0201
rs58221152	A	0.0702
rs72762046	A	0.0362
rs12913061	C	-0.077
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rs34920603	C	0.0266
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rs900542	A	0.0221
rs117302889	G	0.0848
rs72707404	A	-0.0545
rs75989231	T	-0.1253
rs8043091	G	-0.0232
rs8027120	G	0.0796
rs12912067	C	-0.0443
rs62032643	A	-0.0285
rs3825929	A	0.0209
rs12912995	C	0.0264
rs290364	A	0.0394
rs17558254	C	0.0202
rs8023313	T	0.0334

rs35932751	A	-0.0489
rs28698322	A	-0.0204
rs117077400	A	0.0874
rs2937988	T	-0.0261
rs72736945	A	-0.0432
rs140973822	T	-0.1756
rs17651892	A	-0.0244
rs41277708	T	0.0838
rs56305111	T	-0.1062
rs9783733	T	0.0484
rs1530837	G	-0.0262
rs1134352	T	-0.0565
rs138916801	G	-0.0935
rs78074892	A	-0.0518
rs12901610	A	0.0429
rs2054151	C	-0.0304
rs111911048	A	-0.0489
rs76085048	G	-0.0566
rs66920037	T	-0.0258
rs72749506	C	-0.0515
rs4611425	G	0.0294
rs2439712	T	-0.1162
rs74364368	T	0.1171
rs2437800	G	-0.044
rs897951	A	-0.0211
rs75099274	A	-0.0495
rs62010962	A	0.0363
rs55983432	A	-0.0273
rs150198200	A	0.094
rs117298981	T	0.088
rs61753617	T	-0.0461
rs2447325	G	-0.0453
rs118166665	G	-0.0933
rs7497607	T	0.0509
rs11857913	C	-0.055
rs75236462	T	0.1147
rs12442989	G	-0.0437
rs12903880	A	0.0229
rs4775419	A	0.0224
rs56086449	T	0.0215
rs4594222	A	0.0205
rs2431041	A	-0.022
rs78354284	G	0.1055
rs58760912	T	0.0522
rs139732850	C	-0.1636
rs2924564	C	0.0561
rs75463836	A	-0.0417

rs111799015	T	-0.0952
rs1871017	T	-0.0195
rs140501940	G	0.1437
rs78990970	A	0.0967
rs28833912	G	0.0445
rs12910386	A	0.0199
rs117530124	T	0.0753
rs28670189	G	0.0681
rs16953427	T	0.031
rs6493333	T	-0.0274
rs117465320	G	0.0828
rs118104563	C	-0.0986
rs28529464	C	0.0667
rs16940233	C	-0.0418
rs9302355	A	0.0256
rs76074981	A	-0.171
rs10152319	G	-0.0238
rs12899075	T	0.02
rs137892731	A	-0.057
rs2118612	C	-0.0243
rs72767005	A	0.0356
rs139441817	C	0.1075
rs117889772	T	0.0912
rs117554755	A	0.0777
rs111371454	G	-0.0482
rs10851930	G	0.0221
rs7168617	A	0.0198
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rs111579337	C	-0.1167
rs383880	T	-0.0324
rs72751253	C	0.043
rs4556745	T	-0.0205
rs11633163	T	0.0739
rs141767325	A	0.0981
rs7178610	T	-0.0316
rs35098067	A	0.1365
rs12593171	A	-0.0228
rs12901173	A	-0.0209
rs7166734	G	0.0242
rs62015299	A	0.1403
rs7181819	A	0.1477
rs113360434	A	0.0467
rs1369590	A	-0.0227
rs11856096	T	-0.0283
rs2448607	C	-0.0207
rs7342676	C	-0.0194
rs7162489	T	0.027

rs76451767	T	0.0957
rs34165908	C	0.0461
rs10162901	T	0.0347
rs2012983	G	-0.0247
rs16954508	C	0.0433
rs11635714	G	0.0356
rs4454925	C	-0.033
rs149443428	T	-0.0933
rs11635991	G	-0.0394
rs7496643	A	0.0379
rs4965459	C	-0.0243
rs9920861	C	0.0298
rs117474060	G	-0.1142
rs113771304	T	-0.0703
rs16976299	C	-0.0709
rs80182958	C	0.0539
rs12595028	A	0.0286
rs11858732	T	0.0189
rs78811279	A	0.0495
rs10519496	A	0.0558
rs2577000	T	0.0237
rs2611605	T	0.0258
rs62021494	G	-0.0349
rs71407265	G	0.0961
rs8043036	A	-0.0315
rs35666824	C	0.0821
rs112238703	T	-0.0936
rs985042	C	0.0236
rs58897738	C	-0.0501
rs8042947	G	-0.0219
rs72743696	G	0.1406
rs12914810	A	-0.0338
rs71405394	G	-0.0541
rs150067918	T	0.1142
rs139930342	C	-0.0974
rs933812	C	-0.0202
rs75556676	A	-0.1022
rs142010625	A	0.0451
rs79336418	C	-0.0744
rs11071630	T	0.0228
rs60463122	A	-0.035
rs73490823	A	0.1096
rs7167743	C	0.0422
rs76394989	T	0.107
rs117840260	T	0.0841
rs12911494	T	0.0201
rs9672854	A	-0.0422

rs75976392	T	0.0701
rs77459947	A	-0.1066
rs75601584	A	-0.0613
rs112016629	A	0.0228
rs56366941	T	0.0647
rs7172034	A	0.0242
rs8039237	C	-0.0229
rs72749762	G	-0.1312
rs2651517	C	-0.0512
rs2733214	C	-0.0243
rs55864865	G	-0.1407
rs34013592	C	0.0738
rs11635093	C	-0.0568
rs138285410	A	0.0836
rs17525764	T	0.0312
rs34344942	T	-0.0329
rs62007609	A	-0.133
rs78070258	C	-0.1436
rs2714718	G	0.0277
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rs930002	A	-0.0869
rs4776381	A	-0.0266
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rs17828501	C	-0.0643
rs7170642	C	-0.0353
rs2414382	C	-0.0192
rs4419043	G	0.0257
rs62045932	T	0.0864
rs2244040	T	-0.0201
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rs6493247	A	-0.02
rs28444822	G	-0.1213
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rs117633166	T	-0.0865
rs138360469	A	-0.1434
rs2460847	G	0.0212
rs118078616	T	-0.0518
rs281221	A	-0.0202
rs11633388	A	-0.0642
rs72729319	G	0.0739
rs75317321	G	-0.1282
rs117498969	T	0.0971
rs79465968	T	0.0831
rs12898338	T	-0.0262
rs11634132	C	0.0228

rs139194653	C	-0.1345
rs7495845	C	-0.0234
rs12904429	A	0.0242
rs62003777	A	0.0393
rs141403828	T	0.1339
rs80203337	A	0.039
rs74013349	G	0.1008
rs12592377	G	-0.0212
rs111906383	G	0.0817
rs117454641	C	-0.1029
rs79954659	A	0.0608
rs139352055	T	0.086
rs3803535	G	0.0217
rs1080340	G	0.022
rs12595398	A	0.0507
rs11635747	A	-0.0187
rs10519773	C	0.026
rs144032492	T	0.0909
rs115312741	C	0.0656
rs1442788	G	-0.0194
rs76877490	A	-0.0515
rs7167430	C	-0.0351
rs684406	A	-0.0208
rs76286315	T	0.1544
rs766716	C	0.0252
rs150321391	T	-0.0565
rs651684	A	0.0246
rs75986855	G	-0.0799
rs74409536	A	-0.0534
rs2446405	T	-0.0248
rs10163003	A	0.027
rs12595479	A	-0.032
rs62005934	T	0.0613
rs17816236	C	0.0191
rs1106508	G	0.0347
rs17551182	T	0.0351
rs2452527	G	0.0755
rs333591	G	-0.0626
rs72623942	A	0.0783
rs75737522	A	-0.1372
rs56112286	T	-0.0821
rs4965395	A	-0.0292
rs12912040	A	-0.027
rs4383094	T	-0.0319
rs12901358	C	0.0209
rs7177998	T	-0.0191
rs76105807	T	-0.0648

rs147102263	A	0.1473
rs8026069	G	0.0198
rs11632125	A	0.1061
rs2584809	A	-0.0499
rs72723468	G	-0.1198
rs62011241	A	-0.0317
rs146477947	A	-0.0874
rs12915571	T	0.1145
rs8036730	G	-0.0194
rs62004984	G	-0.0401
rs3960824	C	-0.0315
rs77950388	A	0.1209
rs62015955	A	-0.0541
rs72769141	T	-0.0511
rs893129	A	0.0235
rs117858103	C	0.0746
rs72703517	G	-0.0375
rs55726191	T	0.0212
rs2958403	T	0.0191
rs78631958	A	-0.0668
rs4319713	T	-0.0205
rs1661812	T	0.0231
rs16942341	T	0.0654
rs148288957	C	0.0481
rs12592426	A	0.0193
rs1350092	C	-0.0249
rs12905496	G	0.0301
rs78750548	T	-0.042
rs147337504	A	-0.1429
rs730617	C	0.0377
rs4286065	A	-0.0213
rs78070624	A	0.0809
rs16966334	G	-0.0557
rs62024293	G	-0.1418
rs74008108	T	-0.0448
rs28674802	A	-0.0486
rs12101384	G	0.023
rs2292862	A	0.0217
rs80314264	T	0.0967
rs138283444	A	0.0708
rs12438442	T	-0.0468
rs145995680	A	-0.1488
rs9920954	T	-0.0189
rs16968518	C	0.0393
rs11071577	G	-0.0188
rs532598	A	-0.0193
rs117838331	G	-0.0947

rs74509358	G	0.0434
rs12442348	G	-0.0378
rs4476133	G	0.0209
rs17231661	G	0.0214
rs35985694	G	0.0422
rs74413555	T	-0.0406
rs12441596	C	0.0694
rs4924185	T	0.0745
rs62043651	C	0.0596
rs9635424	A	0.0272
rs147589493	A	-0.0972
rs79982247	A	-0.1004
rs10162860	C	0.0315
rs832878	G	0.0532
rs12898770	G	-0.0328
rs146791321	A	0.1132
rs4775283	T	0.0483
rs8026531	T	0.0251
rs2959055	A	0.0257
rs12916927	C	0.0364
rs3212341	T	-0.0911
rs399119	G	-0.0235
rs6496074	G	0.0185
rs74025471	T	0.0734
rs79090127	C	-0.1266
rs140429379	A	-0.0843
rs11074005	T	0.0193
rs77555307	A	-0.0785
rs74406831	A	0.0572
rs3743123	A	-0.0198
rs12901781	A	0.0191
rs28591329	C	0.033
rs72741391	G	-0.0273
rs77992281	T	0.0515
rs78361231	A	0.0297
rs10518840	G	0.0259
rs148972420	A	0.1229
rs113247463	G	0.1148
rs2679625	G	-0.0513
rs147105936	C	-0.1279
rs143270530	C	0.1586
rs12901294	T	-0.0277
rs75853206	A	-0.0499
rs9921042	A	-0.0439
rs4775008	T	0.0476
rs77210675	T	0.0685
rs141575507	T	0.0918

rs11636829	C	0.0253
rs16947053	G	0.0727
rs17302247	C	-0.0271
rs8029249	A	0.0398
rs79287283	G	0.0566
rs553338	A	-0.0401
rs8028055	G	-0.0212
rs79745150	C	0.0966
rs143983791	T	-0.1601
rs35028949	A	0.0794
rs12438338	C	0.0315
rs62000793	C	-0.0352
rs4470102	G	-0.0269
rs9920012	C	-0.0284
rs9806587	T	0.0405
rs7170407	A	-0.0211
rs28691111	C	-0.0613
rs11247231	C	0.0226
rs28670663	C	0.0551
rs148212129	T	0.0731
rs11854069	G	-0.0432
rs2596191	A	0.0213
rs55722037	A	0.1216
rs655632	T	0.019
rs28704858	G	0.0197
rs2654534	G	0.0186
rs12898881	C	0.0406
rs4965914	T	0.0246
rs3784457	A	-0.0451
rs117792336	T	0.075
rs62004625	C	-0.0398
rs28878599	C	0.0504
rs12437790	C	0.0202
rs57583649	G	-0.0319
rs1372755	A	-0.0211
rs143210590	A	-0.1255
rs11637289	A	-0.0426
rs55741843	C	-0.0222
rs150481410	C	0.0934
rs28635679	C	-0.0643
rs12593663	T	0.0271
rs75830155	G	-0.0659
rs3743268	A	0.0255
rs145790111	A	0.1066
rs10220768	T	0.0212
rs80326787	G	-0.0614
rs77462993	A	0.0394

rs976273	C	-0.0214
rs11853205	A	0.0485
rs144339192	C	-0.0718
rs2701513	A	0.0316
rs12148272	T	-0.0335
rs7183916	G	-0.0229
rs28661713	T	0.0609
rs79800920	A	-0.0335
rs72760639	G	-0.0883
rs10520772	G	0.1121
rs56344140	C	0.0727
rs1484209	C	-0.0192
rs8026358	T	0.1049
rs62020331	G	-0.0746
rs28396254	A	0.0223
rs17702674	G	-0.0196
rs75329718	C	-0.0527
rs116936536	A	-0.0616
rs117333992	C	-0.1224
rs75663614	C	0.068
rs74027979	G	-0.0695
rs78903341	C	0.0756
rs10220769	A	-0.0211
rs1865923	C	-0.0198
rs4887141	A	-0.0372
rs7167580	T	-0.0219
rs73389609	T	-0.0698
rs12591683	G	0.0408
rs78792143	A	-0.0685
rs2437425	T	0.1043
rs74782411	C	-0.1148
rs11637891	G	0.0842
rs66771281	C	0.0524
rs150199416	G	-0.0702
rs71462863	A	0.1183
rs4779088	G	0.0221
rs60356854	A	0.0979
rs116853971	G	-0.1242
rs1445014	C	0.0403
rs118167322	C	0.1457
rs3751592	C	0.0203
rs2013580	C	-0.0187
rs11161254	T	-0.0199
rs117095192	A	0.1599
rs10220766	A	-0.019
rs141390691	G	-0.0758
rs6493573	T	0.0197

rs11639143	A	0.0219
rs79658680	T	-0.0927
rs75322782	C	-0.0564
rs34307191	A	0.0928
rs10520107	A	0.019
rs12915695	A	0.0191
rs78446721	T	-0.1032
rs35698763	G	-0.0208
rs589759	C	-0.031
rs117345604	A	0.0678
rs145372417	A	-0.1762
rs717411	A	-0.0392
rs2725566	T	0.0183
rs145966721	C	0.1336
rs4147358	A	0.0215
rs74848625	T	0.0533
rs11635223	T	-0.0202
rs1869142	T	0.0433
rs4310796	A	0.0751
rs4776859	G	-0.0277
rs117963321	A	-0.0664
rs12438155	A	0.0215
rs7182829	C	-0.0194
rs12915848	A	0.1128
rs16965642	C	0.0503
rs74524866	A	-0.0851
rs17208249	A	0.0501
rs4288968	G	-0.0298
rs62023531	T	-0.0366
rs11072744	T	0.022
rs12148265	A	-0.0194
rs138746853	C	0.0953
rs61998996	G	0.0265
rs76526636	A	0.0691
rs12442422	T	-0.0292
rs78715963	A	-0.1361
rs117312480	A	0.0727
rs1848706	G	-0.0199
rs141207441	A	0.1317
rs2045160	A	0.0341
rs11632071	A	-0.0528
rs142734375	C	-0.1275
rs79653017	A	0.0451
rs117783669	A	-0.0844
rs4906798	G	-0.0354
rs12438932	A	0.0354
rs9806349	A	0.0972

rs2727172	T	0.023
rs80312407	T	-0.0392
rs112528259	A	-0.0908
rs77798986	T	0.0397
rs17740510	G	-0.0381
rs1564328	A	-0.0659
rs12441495	C	0.0306
rs72757132	A	-0.0498
rs4243095	A	0.0298
rs62009764	C	0.0611
rs149713297	T	0.1278
rs78828848	C	-0.0631
rs11854529	C	-0.0436
rs116993896	T	-0.1144
rs117573728	C	-0.1135
rs6494846	A	0.0226
rs139405872	A	0.0944
rs234530	A	-0.0182
rs61999057	A	0.1114
rs2702312	G	-0.0237
rs149713668	T	0.1155
rs12441373	G	0.0599
rs146154714	C	-0.1268
rs1258804	T	0.0237
rs8025992	T	-0.0321
rs78215960	T	-0.1168
rs12595358	G	0.0241
rs138045272	T	0.1211
rs144088867	A	-0.0891
rs28545730	A	-0.0292
rs76247836	A	-0.0572
rs2024313	C	0.0231
rs12914565	T	0.0282
rs16965657	T	-0.0323
rs8028543	A	0.0194
rs12914727	G	0.0188
rs2342114	C	-0.0677
rs143174443	T	-0.1113
rs138129621	A	-0.0854
rs28602680	G	0.0774
rs78837565	G	-0.0488
rs74015888	C	-0.0573
rs28697876	T	-0.0655
rs72742270	A	0.0959
rs1822104	T	0.0333
rs4965294	A	-0.028
rs2727200	A	0.0552

rs79761293	G	-0.0965
rs7495737	T	0.0194
rs145951477	A	0.1926
rs72758391	T	0.0431
rs35978617	A	0.03
rs72742842	T	0.0959
rs145792257	T	0.0704
rs662592	T	-0.0219
rs67846115	C	0.0295
rs75061731	C	-0.0673
rs117374782	G	0.0752
rs34627780	G	-0.051
rs6494844	A	-0.0266
rs36051366	G	0.0381
rs731380	T	-0.0518
rs55804815	A	0.0277
rs72752721	C	-0.0692
rs79625092	T	0.0548
rs113266528	C	0.0829
rs1902618	G	0.0225
rs79749678	A	-0.1187
rs7177786	A	-0.0206
rs4923796	G	0.0226
rs138271602	A	-0.1117
rs146505108	A	-0.053
rs16953757	T	0.0345
rs2454209	A	0.061
rs28482421	A	0.1209
rs55645294	A	0.0427
rs7173969	T	0.0189
rs115217537	A	0.0842
rs10152309	T	-0.0316
rs17527073	A	-0.071
rs76654758	T	-0.0836
rs2903333	T	0.0184
rs17280556	C	-0.0399
rs4965454	C	0.0269
rs11634179	G	-0.0309
rs7168093	G	-0.0597
rs11247305	G	0.0731
rs1470811	T	-0.0192
rs76807094	C	-0.1022
rs62028374	C	-0.095
rs17218165	A	-0.0176
rs60601076	T	-0.0488
rs113894461	A	-0.1364
rs721184	T	-0.0359

rs1898448	C	-0.0534
rs11638114	C	0.122
rs7494844	C	0.0289
rs35697671	C	0.0244
rs78521794	T	-0.0599
rs12900743	G	-0.0304
rs4646	A	-0.0202
rs77245046	C	0.0623
rs28472483	T	-0.0701
rs12908126	T	0.0201
rs146320306	C	-0.0643
rs71403456	G	0.0551
rs60799196	C	0.0264
rs113025993	C	0.0798
rs148726474	A	-0.0798
rs11247264	C	-0.029
rs2879243	C	0.0182
rs11632791	A	-0.0183
rs11854439	C	-0.0299
rs55655315	T	0.09
rs2924834	G	0.0234
rs78153571	G	0.0433
rs12372976	C	-0.0435
rs112170732	A	0.1084
rs141396882	A	-0.1229
rs138644642	G	-0.1449
rs56176161	T	-0.0202
rs149301410	C	-0.135
rs7166244	A	0.0192
rs1348758	T	-0.0239
rs149843727	T	-0.1373
rs11637883	T	-0.0323
rs111929109	G	-0.0456
rs17752263	C	0.073
rs117163902	C	-0.1359
rs66479411	A	-0.0895
rs72728899	G	0.1245
rs6494217	A	0.022
rs11553762	T	0.063
rs12911211	A	-0.0649
rs7165389	C	-0.0283
rs2725611	C	0.031
rs117177154	A	0.1155
rs36034702	T	0.031
rs17521544	T	-0.128
rs35203740	A	0.0877
rs2879378	C	-0.0419

rs117151647	G	-0.0967
rs112896131	C	-0.047
rs5742915	C	-0.0185
rs79605464	G	0.0566
rs28610140	A	0.0575
rs11636816	G	0.0425
rs77681287	C	-0.0333
rs147712541	T	0.0917
rs4775339	A	-0.0528
rs7166343	T	0.0231
rs7173770	A	-0.025
rs9806425	G	0.0428
rs1482050	C	0.0229
rs4774378	C	-0.02
rs150525284	C	-0.09
rs7170688	T	-0.0178
rs66882933	C	0.0199
rs953098	T	0.0241
rs79673556	A	0.1171
rs11858171	C	0.0252
rs4030474	T	0.0246
rs79729898	C	-0.054
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rs11072996	C	0.0547
rs71463441	A	0.0699
rs959611	G	-0.0277
rs28808651	G	0.0561
rs112660730	A	-0.0506
rs12912920	G	0.0654
rs12907837	C	-0.0782
rs8043031	A	0.0472
rs79743671	A	-0.0371
rs72484845	G	-0.0206
rs2929652	A	-0.0411
rs75688327	A	-0.0425
rs16962345	C	-0.0325
rs2388774	T	-0.0426
rs9806406	T	-0.025
rs985226	C	0.025
rs12914626	C	0.0196
rs61408561	A	-0.0273
rs17271123	T	0.0286
rs8043290	T	-0.0251
rs1850887	G	-0.0189
rs75902835	C	-0.0813
rs74013336	G	-0.0543
rs143832632	T	0.1247

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rs149091684	T	0.0619
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rs12443461	A	-0.0265
rs4965573	G	0.0378
rs1568679	C	0.0326
rs141860141	C	0.114
rs62625677	T	-0.072
rs1879612	C	-0.0184
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rs117572861	A	0.0685
rs3743135	G	-0.0348
rs2437807	G	0.0212
rs1567810	G	0.0713
rs137937509	C	-0.0741
rs72737943	G	-0.0548
rs117978103	C	-0.1442
rs1626180	A	0.0345
rs14280	G	0.0318
rs17633184	A	-0.0403
rs117327685	A	-0.0825
rs72737620	T	0.0583
rs12437787	T	0.0212
rs1554289	G	-0.0181
rs3923926	T	0.0281
rs4608312	G	0.0247
rs117258744	C	0.0671
rs118105177	C	0.0875
rs117164465	C	-0.1312
rs10519150	A	0.0315
rs35692936	A	-0.0236
rs55860410	G	0.1069
rs11857595	T	-0.019
rs151230880	C	-0.1006
rs146776092	G	-0.1186
rs55810958	C	-0.0236
rs76144520	T	-0.0524
rs35707069	A	0.0726
rs72734874	G	-0.0782
rs117900547	T	-0.096
rs8025933	T	-0.0214
rs1995989	G	-0.0179
rs11636413	C	0.0179
rs2871864	G	-0.0322
rs11638539	A	-0.0229
rs62024893	T	-0.0529
rs7173968	C	0.0543

rs62006548	G	-0.0547
rs117267883	A	-0.0845
rs2605453	A	-0.0203
rs2444976	C	-0.0405
rs12912730	T	-0.0239
rs2899723	A	0.0211
rs28379265	G	-0.0237
rs117649019	C	0.0438
rs4477642	A	0.0277
rs76703415	G	-0.0683
rs2903414	T	0.0202
rs6496265	C	0.0189
rs11638592	T	0.0258
rs16953426	A	0.0214
rs62012921	T	0.0709
rs28464614	C	-0.0223
rs3803463	A	0.0332
rs4144691	C	-0.0215
rs12591895	C	-0.0295
rs77704192	C	-0.0627
rs8025139	C	0.0194
rs72691548	G	0.0877
rs4778772	T	-0.0256
rs75550590	G	0.086
rs12909294	T	-0.0331
rs77799361	T	-0.0242
rs75441947	C	0.0393
rs28510215	A	0.0261
rs72703933	C	0.0809
rs117161053	A	0.1056
rs72647729	A	-0.0783
rs34421498	T	0.0879
rs7168008	T	0.0186
rs6493629	C	0.0185
rs117827019	G	0.0745
rs117356489	G	0.0809
rs72753010	C	0.067
rs146901832	C	-0.0709
rs34091722	A	0.061
rs74483450	G	0.0341
rs2292745	A	-0.0241
rs12708521	T	0.0237
rs11638959	A	-0.0414
rs76528553	T	0.0845
rs1968686	A	-0.0181
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rs12324820	T	0.0307

rs11263662	C	-0.0262
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rs10518916	C	0.0495
rs111550309	A	-0.0889
rs2289263	G	-0.0177
rs72742523	A	-0.0945
rs9788635	T	0.0298
rs4886647	T	-0.0286
rs80218382	A	0.05
rs73412617	C	0.0586
rs4316725	T	-0.0877
rs2932200	T	0.0272
rs36123861	C	-0.1275
rs148326808	A	-0.0978
rs79976571	A	-0.074
rs80254549	C	-0.0767
rs17191582	G	0.0276
rs12323993	T	-0.0465
rs112816833	T	-0.0731
rs4505261	C	0.0183
rs150341718	T	0.0554
rs2056501	A	-0.0174
rs2469126	T	0.0922
rs4984418	A	0.0883
rs28584673	C	0.0241
rs75330175	A	0.1118
rs114706749	T	-0.088
rs117246977	T	-0.0608
rs115241741	A	-0.0549
rs28695864	G	-0.0626
rs145200989	G	-0.1278
rs899462	A	0.0182
rs58633384	A	0.0654
rs74368507	C	-0.0915
rs1480958	T	-0.0841
rs11854877	C	0.0189
rs12441451	C	0.0206
rs75647453	A	-0.0856
rs75548168	C	-0.0619
rs28716778	G	0.0186
rs28532095	G	0.0347
rs79612456	G	-0.0876
rs4777218	T	-0.0241

rs62020617	T	0.1211
rs74901529	A	-0.0851
rs73473492	A	-0.1066
rs35815647	T	-0.0273
rs74863372	G	-0.0945
rs17583428	C	-0.0658
rs2004301	A	0.0208
rs746655	A	0.0262
rs118186721	T	-0.0362
rs4329901	T	0.0308
rs12591554	T	-0.0179
rs4774386	C	-0.0266
rs1197662	T	0.0222
rs2585223	T	-0.0289
rs776724	G	-0.0223
rs365540	A	0.0247
rs117627931	T	-0.1623
rs77648678	A	-0.0461
rs60251329	C	0.0687
rs12591320	A	0.0299
rs142004961	C	0.0496
rs4275832	G	0.0239
rs75178758	T	-0.0848
rs71414392	A	-0.0938
rs1135911	T	0.0357
rs111500727	C	-0.1371
rs117142058	A	-0.0667
rs1822066	A	0.033
rs56194026	T	0.0363
rs61756301	A	-0.1053
rs55931857	T	0.1813
rs2123927	A	0.0207
rs11629683	C	0.0343
rs8031246	G	0.0177
rs35880321	A	-0.04
rs4778820	G	0.02
rs11638568	A	-0.0249
rs76246436	T	-0.0919
rs7180615	G	0.0246
rs72753405	A	-0.0976
rs2958996	A	-0.0514
rs12913423	C	-0.0278
rs11634953	T	0.0254
rs35925086	C	-0.0197
rs55804632	A	0.052
rs12912687	A	-0.0238
rs11631390	T	-0.0233

rs80164103	A	-0.0989
rs74573526	G	-0.0544
rs140586425	A	-0.0865
rs12594695	C	-0.0316
rs56996174	A	0.0671
rs117452847	A	-0.0837
rs28687130	T	0.0432
rs8030786	T	-0.0806
rs113731386	T	0.0791
rs74844064	A	-0.1115
rs62023973	T	-0.1264
rs2581339	T	0.0323
rs12902675	C	-0.0529
rs117829039	T	0.1275
rs72741579	T	-0.0364
rs2100899	A	0.0227
rs118100937	A	-0.0871
rs75440391	T	0.0713
rs59156643	T	-0.0232
rs12908843	C	-0.0407
rs4334280	A	0.0174
rs116939920	A	-0.1173
rs55702518	C	0.0571
rs56132840	T	0.0923
rs17238580	A	-0.0181
rs11852861	T	0.0183
rs145227806	A	0.0945
rs991349	A	-0.1452
rs76131938	C	-0.0631
rs8038880	A	-0.0203
rs61997916	G	-0.0361
rs2194958	C	0.0181
rs17137192	T	0.0263
rs35731182	T	-0.0438
rs1996671	A	-0.0225
rs473422	T	0.0182
rs143058355	A	0.1158
rs12903426	G	-0.0532
rs146259412	T	0.0908
rs4776882	T	0.0206
rs62016788	G	-0.089
rs116958215	A	-0.072
rs7497524	C	0.0194
rs12907607	C	-0.0257
rs12901807	T	0.0555
rs11630259	C	-0.0199
rs116866809	T	0.1159

rs76700998	C	0.0179
rs112114041	T	0.0548
rs75401296	C	-0.0907
rs10519050	G	-0.0503
rs16972780	T	-0.0221
rs12912692	C	-0.0278
rs112592012	A	0.1052
rs36107824	C	0.0264
rs11637846	C	0.0297
rs12593044	T	-0.0608
rs138233974	C	0.0636
rs117856472	A	-0.0835
rs117141449	A	0.1227
rs2248235	G	-0.0182
rs35415636	G	0.1583
rs16973216	G	0.0411
rs12101703	C	0.0175
rs28861539	C	-0.0435
rs4886560	T	0.0252
rs117327758	T	0.0544
rs4932167	T	-0.035
rs7171031	T	0.0274
rs149789064	G	0.1443
rs146259399	A	0.0817
rs118167892	A	0.0703
rs16973229	G	-0.047
rs146585864	T	0.0562
rs113147742	G	-0.0859
rs112070752	C	0.0776
rs79092213	A	-0.1219
rs62006429	T	-0.0286
rs77603273	A	0.05
rs1036521	T	0.0228
rs12438196	T	0.043
rs113084686	G	-0.0497
rs117027425	G	0.1358
rs139003549	T	-0.1053
rs17653242	T	0.0777
rs77796692	A	-0.0844
rs1551466	C	0.019
rs80018293	G	-0.0882
rs16960212	A	0.1007
rs2623179	G	-0.1328
rs899947	G	-0.1009
rs148431232	C	-0.1343
rs2082976	G	0.0794
rs72723448	A	0.0264

rs117799876	A	-0.092
rs11638197	T	-0.0469
rs4384564	A	-0.0326
rs11636614	T	-0.1211
rs4984580	A	-0.0383
rs13329238	C	0.0173
rs1916645	A	0.0288
rs144788609	C	-0.0757
rs143000845	C	-0.1082
rs208165	T	-0.0167
rs2554001	A	0.0181
rs4622471	C	0.0174
rs4777910	G	0.0707
rs146637240	A	0.0464
rs142671635	G	0.0545
rs76494839	A	-0.0496
rs147274083	C	-0.0744
rs151235092	A	0.0459
rs112845369	C	-0.0755
rs2586158	A	-0.0286
rs28887925	T	-0.018
rs117991624	G	0.0855
rs8024954	A	0.0773
rs75129862	A	-0.1027
rs142414452	G	-0.0699
rs3784813	C	0.0199
rs7168384	T	0.0188
rs11639346	C	0.1193
rs117746221	G	-0.0505
rs72748061	G	-0.1226
rs149332814	T	-0.0774
rs1023780	A	0.0303
rs78383909	C	-0.0596
rs76887536	A	0.0558
rs10520702	G	0.0166
rs12911626	T	-0.0181
rs2439426	A	0.0255
rs2935989	C	0.022
rs7178178	C	-0.0705
rs117408186	G	-0.0554
rs148484431	C	0.1164
rs17642276	A	-0.0285
rs12903846	A	-0.0182
rs114733323	T	-0.0884
rs2898984	G	0.0319
rs2934441	C	0.0704
rs112485216	T	-0.0519

rs150502667	C	0.0932
rs537025	T	-0.0347
rs80355480	T	0.0728
rs16950377	A	0.0602
rs1439616	T	-0.0176
rs72708994	G	-0.0841
rs147082386	T	-0.0558
rs633220	T	0.0198
rs72744203	A	0.0631
rs1848610	T	-0.0167
rs8028295	T	-0.0172
rs28846449	T	0.0382
rs35072731	T	0.0994
rs1863095	T	-0.0186
rs11858393	G	0.0875
rs8023715	A	-0.0296
rs144022795	A	0.0951
rs118031484	A	-0.0585
rs1514003	G	0.0169
rs144513905	G	0.1109
rs871078	T	0.0179
rs77043146	A	-0.079
rs146958001	C	-0.0687
rs7162989	A	0.0588
rs111610759	T	-0.0919
rs75128991	T	-0.0939
rs112356129	C	-0.0807
rs79522172	C	0.0809
rs5004819	A	-0.0218
rs2928719	C	-0.0173
rs4421936	A	0.0191
rs12592185	C	-0.0228
rs142268313	G	0.0674
rs2306934	C	0.0351
rs77505156	G	0.1005
rs28880972	T	-0.0288
rs4924017	G	0.0209
rs145642983	C	-0.1205
rs62017916	T	-0.0499
rs11636579	G	-0.0901
rs72749892	G	0.0536
rs511092	C	-0.0181
rs7176171	A	-0.0552
rs55904609	G	0.0301
rs117003451	A	-0.1034
rs3825924	A	-0.0242
rs7167426	G	0.0203

rs12913406	G	0.0235
rs17759548	C	0.0425
rs74625442	A	-0.0835
rs12101368	T	0.0215
rs2310789	T	0.0296
rs28497744	G	-0.0296
rs35725016	G	-0.0234
rs141960871	T	0.0701
rs8040832	A	0.0279
rs79801325	C	0.0645
rs12916069	A	-0.0194
rs145631790	A	-0.0611
rs34166780	C	0.0959
rs143624584	T	-0.1034
rs28716884	T	-0.1051
rs77308725	T	0.0314
rs72721207	T	0.0712
rs4780135	T	-0.0412
rs142036369	C	0.0813
rs1014921	G	0.1198
rs76628565	A	-0.0483
rs952121	C	0.0169
rs935319	C	-0.0192
rs4776562	G	-0.0186
rs56265943	C	0.0274
rs144970550	A	0.0965
rs2170700	G	0.0443
rs2576078	C	0.0487
rs8032068	C	-0.0367
rs2351000	G	-0.0253
rs2643350	G	-0.0272
rs8040212	T	0.0248
rs74682581	A	-0.0885
rs80120194	G	0.033
rs74735171	G	-0.0382
rs6494382	A	0.0275
rs79943855	T	0.0314
rs146084993	C	-0.0852
rs7182311	G	0.0302
rs62012615	T	-0.0198
rs4965847	T	0.0279
rs72728886	A	-0.0441
rs12595720	C	-0.0244
rs10152620	C	0.0358
rs79429958	T	-0.1351
rs60070713	A	0.0845
rs4965129	G	-0.0337

rs148008937	A	-0.0721
rs17161155	A	0.0194
rs143249257	T	0.05
rs144946229	T	0.1037
rs74016847	C	-0.0591
rs34140538	G	-0.0801
rs73362857	G	0.0271
rs16957055	T	0.0819
rs117298258	T	0.087
rs1669834	A	-0.0754
rs72691763	A	0.0959
rs73422465	T	0.0325
rs1383483	T	0.0721
rs139860232	A	-0.1019
rs117408217	T	-0.0862
rs58649578	T	-0.0544
rs2414299	A	-0.0183
rs2059466	G	0.0207
rs72738968	C	0.0553
rs76739565	A	-0.0948
rs146023829	T	-0.1111
rs58714675	A	-0.1138
rs140209584	A	-0.0387
rs4776062	C	0.0261
rs16977815	G	-0.036
rs117564198	T	0.036
rs117578063	T	-0.0433
rs17158821	G	-0.0412
rs11633878	G	0.0187
rs77098671	A	-0.0501
rs59754529	C	0.0229
rs115567310	A	-0.0671
rs16963311	C	-0.026
rs62007948	C	-0.0888
rs72742446	T	-0.078
rs117793215	T	-0.0763
rs56340165	T	0.0546
rs7161747	C	-0.0241
rs117436140	G	-0.0893
rs74930183	G	0.0495
rs7165244	C	0.0351
rs4410051	C	-0.1202
rs8032568	C	-0.0188
rs12439749	A	-0.0183
rs8035030	T	-0.018
rs1337566	T	-0.022
rs2040578	T	-0.0167

rs148542490	T	-0.0452
rs28454347	G	-0.0196
rs147229860	C	-0.0908
rs12911421	C	-0.019
rs16975160	C	-0.1185
rs75358228	G	-0.1002
rs138162392	G	-0.1123
rs55747820	A	-0.062
rs854151	G	-0.0187
rs11630113	G	0.0901
rs1426715	A	-0.0613
rs76950524	T	0.1208
rs17468155	C	-0.0255
rs72754216	T	0.1146
rs7163982	C	-0.032
rs7179812	A	0.0996
rs2059594	G	-0.0175
rs144470442	A	0.0723
rs4777260	T	-0.0175
rs76207262	C	0.0636
rs2651730	G	0.0164
rs4924499	G	-0.021
rs56397022	G	0.0558
rs144532920	A	0.109
rs1479884	T	-0.0169
rs143233414	A	0.0664
rs118031258	T	0.0848
rs16961937	G	-0.0316
rs8025706	G	-0.0183
rs28499439	T	-0.057
rs7167451	A	-0.0183
rs117840313	C	0.0764
rs75262153	C	-0.0463
rs34220624	C	0.0199
rs1038551	T	-0.0214
rs28663647	G	0.0654
rs75336123	G	0.0821
rs1446119	G	-0.0196
rs76194867	G	-0.1072
rs79654256	A	-0.0813
rs111346846	A	-0.0933
rs72761393	T	-0.0509
rs4965495	T	0.0558
rs1459958	C	-0.0165
rs141443027	C	-0.0439
rs7170730	C	-0.04
rs7171228	T	0.0921

rs12904384	G	0.0165
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rs75218541	G	-0.0832
rs12324723	A	-0.0866
rs11638647	A	-0.0244
rs79311347	T	-0.0628
rs62017667	C	-0.0448
rs112855302	A	0.1453
rs113527080	C	-0.0889
rs7183338	C	0.0424
rs8042149	T	-0.0169
rs10152200	A	0.0209
rs72738431	T	-0.0194
rs1807348	A	0.0184
rs141445047	A	-0.0831
rs4932383	A	-0.0256
rs72736582	T	-0.0281
rs4592619	T	-0.0218
rs12909437	C	-0.0201
rs77244697	A	-0.0787
rs147723860	T	0.092
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rs17217049	T	-0.0229
rs79054860	G	0.0436
rs11854254	A	0.04
rs16958237	A	-0.0229
rs61630157	C	0.0378
rs2211401	G	0.0176
rs150602006	T	0.0313
rs79366338	G	0.0586
rs6495765	G	-0.0243
rs61304639	A	0.0516
rs140269866	T	0.0335
rs4776733	A	-0.0212
rs950667	C	-0.0195
rs78027310	C	0.108
rs113333445	T	-0.0506
rs117892958	A	0.1205
rs75603318	T	-0.0241
rs148931336	C	0.1155
rs11639487	C	0.0595
rs76796473	T	-0.0875
rs73477167	T	0.0382
rs147215232	T	-0.0993
rs78231478	A	-0.1509
rs62025130	A	0.0191

rs1031563	A	-0.0171
rs79721917	G	-0.1054
rs142910929	G	-0.0835
rs11070160	A	0.0164
rs62025951	G	-0.0436
rs11638250	T	-0.0178
rs12324536	T	-0.0221
rs143927273	A	0.073
rs682359	G	-0.0164
rs11630337	A	-0.0305
rs16977601	T	-0.0375
rs75961102	T	-0.0802
rs79373894	C	-0.0621
rs112098784	C	0.1316
rs4779071	C	-0.0767
rs10162972	G	0.1197
rs117576505	T	-0.0717
rs117962779	T	-0.0903
rs78656483	C	-0.0856
rs117034591	T	0.0703
rs117308403	C	0.0491
rs2577030	T	-0.0292
rs1462171	T	0.0185
rs12914950	T	0.1216
rs7181690	A	0.0425
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rs118085338	A	-0.0966
rs74817667	T	-0.0186
rs78759462	C	0.0574
rs17632336	C	0.0204
rs17817440	C	0.0203
rs8034964	G	0.02
rs138776947	T	0.0772
rs74632889	A	0.0753
rs8025177	A	-0.0971
rs395184	C	-0.0829
rs8030368	A	0.066
rs79859599	G	0.0464
rs77048790	C	-0.0207
rs8041244	A	0.0509
rs144867549	T	-0.0852
rs75983256	T	0.0708
rs8029048	T	-0.0164
rs117741946	T	-0.0997
rs7180165	A	-0.0537
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rs1398873	T	0.0744

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rs150803623	C	-0.0943
rs78303418	C	0.0503
rs77555977	A	-0.0471
rs12912013	G	-0.0159
rs11070617	C	-0.0166
rs80045169	T	0.0588
rs79590842	A	0.107
rs35278132	C	-0.0242
rs12904039	G	-0.0267
rs1006694	G	0.0251
rs2127250	G	0.0206
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rs78009226	A	-0.0632
rs71474654	G	-0.1514
rs117499428	A	-0.0516
rs10431855	G	-0.0175
rs1562806	C	-0.0604
rs149825929	T	0.0565
rs74702525	T	-0.036
rs76712048	A	0.0705
rs140328577	T	0.0898
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rs117689555	T	0.0532
rs28609464	G	-0.0219
rs79969586	T	0.0437
rs141283136	C	0.1063
rs61694639	C	-0.0342
rs17269691	A	-0.0418
rs78349944	T	0.0544
rs144557444	C	0.1134
rs75177654	C	-0.0795
rs34938934	C	0.0262
rs7183199	T	-0.0227
rs143367450	T	0.0646
rs7497214	A	-0.0195
rs305030	C	-0.0224
rs2736696	A	-0.0253
rs12593245	C	-0.0205
rs55714391	T	-0.0354
rs2733251	G	-0.0418
rs117328057	A	-0.053
rs112774720	A	-0.1435

rs7163937	G	-0.0265
rs2946543	C	0.0189
rs143174211	C	-0.0287
rs10519864	A	0.0189
rs17622532	G	-0.0155
rs12593438	G	-0.0318
rs7170031	C	0.0217
rs10518873	A	-0.0168
rs78020351	C	0.1029
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rs28485994	C	-0.0285
rs1054259	C	-0.0375
rs142830491	A	0.1409
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rs74413504	G	0.096
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rs149727088	G	0.1089
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rs79240632	G	-0.1342
rs113327401	C	-0.0365
rs76800217	T	-0.0349
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rs117351706	C	0.0387
rs1545820	G	-0.0172
rs76813158	C	0.0741
rs77796241	A	0.0561
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rs149926212	T	-0.0451
rs12441259	T	-0.0159
rs79191126	G	0.1213
rs11637617	G	-0.0196
rs66597437	A	-0.0513
rs446184	C	0.0163
rs6602974	A	-0.0166
rs117174250	A	0.0872
rs116907180	C	-0.0393
rs1507659	C	0.0268

rs111308770	G	0.1166
rs117464855	A	-0.0604
rs3890854	A	0.032
rs117989361	A	0.0817
rs78555601	T	-0.0546
rs117788219	C	-0.0487
rs4777114	A	0.0273
rs150612586	C	-0.1048
rs76686333	T	0.0641
rs4306473	T	-0.0348
rs76780903	G	-0.0547
rs12593344	T	-0.0215
rs140200399	A	-0.0794
rs74620738	G	0.0802
rs17270369	T	0.0463
rs77879093	T	-0.0428
rs62021260	C	0.0482
rs16949669	T	-0.0413
rs62007779	A	-0.0921
rs59749929	A	-0.028
rs7162672	G	-0.0325
rs28396828	C	-0.0264
rs147693361	A	-0.1315
rs12439191	C	0.0204
rs17703890	T	0.0204
rs2161937	T	0.0365
rs72708980	A	-0.0509
rs149185028	C	-0.0761
rs61993163	A	-0.0258
rs7172042	C	-0.0216
rs4906770	A	-0.0166
rs7497631	G	-0.0178
rs4381552	G	-0.0165
rs74030140	A	-0.0851
rs150730305	T	0.1007
rs117891159	T	-0.0644
rs77277118	G	0.0807
rs117912791	A	0.06
rs1495278	C	-0.0559
rs74011223	G	0.0264
rs144998313	G	-0.1302
rs74010917	A	-0.1148
rs11634079	A	0.0233
rs34696300	G	0.0271
rs145909150	A	0.0801
rs11632296	A	-0.0664
rs7176052	C	0.0526

rs117581405	T	0.0852
rs142284127	C	0.1676
rs2554343	A	-0.0271
rs149698262	A	-0.0868
rs75862239	G	-0.0636
rs148073886	T	0.0955
rs2703596	C	-0.0155
rs34178839	A	-0.0556
rs72740272	A	0.0553
rs8037214	C	0.0308
rs72725395	A	0.0185
rs138883815	C	-0.0625
rs74544474	C	-0.0814
rs76711855	T	0.0575
rs2078875	T	-0.0184
rs17707693	G	0.0211
rs1498580	G	0.0165
rs117024061	T	-0.0941
rs4776741	T	0.017
rs138557343	T	-0.106
rs117778582	T	-0.0963
rs78835046	A	0.0868
rs117092649	A	-0.1445
rs12907824	C	-0.0222
rs35731132	A	0.0306
rs2219876	G	-0.036
rs12101602	C	-0.0218
rs79897900	G	-0.1239
rs117530107	T	0.0608
rs117690782	T	0.0809
rs145768051	G	-0.0788
rs11638075	C	0.0243
rs28603061	C	0.0221
rs4965484	A	0.0217
rs17117565	C	0.0324
rs11630208	T	-0.0447
rs147754022	T	-0.1051
rs139552993	A	0.0996
rs876626	G	-0.0203
rs74432776	A	-0.0414
rs1476222	A	-0.0245
rs55845155	T	0.0743
rs10902604	A	0.018
rs112322156	A	-0.0315
rs17236875	C	0.0273
rs118046627	G	-0.1073
rs62027509	A	0.0188

rs4887216	A	-0.0692
rs427564	A	0.0159
rs148421969	G	-0.0506
rs80262440	C	-0.0384
rs6494933	C	-0.0252
rs57535585	T	0.057
rs77644131	C	0.0776
rs3743462	G	-0.0225
rs16950402	C	-0.0431
rs72748805	A	-0.0339
rs12439393	A	0.016
rs117492954	T	0.0468
rs28408666	G	0.1077
rs78832204	T	0.0524
rs12916413	A	-0.0177
rs749230	G	0.0158
rs149159845	A	0.0755
rs17271256	G	-0.1106
rs117127859	C	-0.1141
rs72757703	A	0.0663
rs147036078	C	-0.0251
rs78408813	T	0.0618
rs117843931	C	0.1
rs325383	G	-0.0209
rs116841551	G	0.095
rs7179755	G	-0.0212
rs12438941	A	0.0577
rs4078927	T	-0.032
rs141261516	G	-0.0677
rs61053099	G	-0.0613
rs7163689	C	0.0157
rs78056275	T	-0.0569
rs7172623	C	0.108
rs17591758	T	-0.0356
rs7174548	A	-0.0207
rs55917611	G	0.0213
rs8042962	A	-0.0204
rs12373002	T	-0.0156
rs79843940	T	0.0947
rs1980242	G	0.0237
rs880151	C	0.0189
rs8037928	C	-0.0255
rs11638862	T	0.0167
rs7180520	G	-0.02
rs56377033	A	0.0449
rs4775340	A	-0.0156
rs4775360	G	-0.0212

rs2056497	A	-0.0192
rs1369689	A	0.068
rs144538960	T	-0.1032
rs141596647	T	-0.0891
rs28579393	G	0.0296
rs4144951	T	0.0242
rs35060814	C	-0.0477
rs66491321	G	-0.019
rs4777990	C	-0.0176
rs7167272	C	0.0188
rs116921168	G	-0.1288
rs111586566	C	0.1072
rs117646141	C	0.0853
rs11630395	T	-0.0163
rs72730882	C	0.1082
rs12593080	G	0.1186
rs61752833	G	0.1014
rs12906843	T	-0.0217
rs12913080	G	-0.0662
rs8034077	A	0.0456
rs11631171	G	-0.0253
rs11857393	T	-0.0174
rs3736491	A	0.063
rs6495294	G	-0.023
rs2121207	T	-0.0239
rs8027820	T	0.0773
rs72741101	C	0.0787
rs112085978	T	0.0511
rs75930669	T	0.0354
rs12913978	A	0.0174
rs3784468	G	-0.029
rs59808396	G	-0.0518
rs4778745	G	-0.0268
rs28385061	G	0.0673
rs898213	A	0.0155
rs112593659	C	-0.0387
rs9630437	C	-0.0207
rs72749608	G	0.0522
rs75592908	G	0.0295
rs80314518	G	0.0893
rs76611558	C	-0.1014
rs16976428	A	0.027
rs17633290	A	0.0343
rs76065080	G	0.0486
rs118023532	T	0.0699
rs7174390	T	-0.0159
rs148781951	T	-0.0784

rs10520745	C	0.025
rs79302728	G	-0.0556
rs62010994	T	0.0885
rs55705742	C	0.066
rs72748359	A	0.0429
rs76881819	T	-0.053
rs74622023	C	0.0658
rs62016367	G	0.0455
rs62009005	T	-0.0387
rs62009555	C	0.0622
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rs150832236	A	0.0429
rs56144647	A	0.0335
rs113047832	T	0.0339
rs28869768	C	0.0301
rs7179592	A	-0.0804
rs4144950	T	0.0168
rs11073890	A	-0.0207
rs78959317	C	-0.1421
rs80324456	T	0.1127
rs12324126	T	-0.0548
rs16945938	C	-0.0225
rs12438555	A	-0.0155
rs35436576	T	0.0211
rs11634928	A	0.0268
rs75639978	A	0.1582
rs62004799	T	0.0305
rs62020858	T	0.0228
rs148240988	A	0.0671
rs138856284	A	-0.071
rs16963122	A	0.0151
rs117683336	T	0.0416
rs72743665	C	-0.0384
rs7183444	A	-0.0281
rs150569701	A	0.0213
rs12592021	C	-0.0479
rs117995353	G	-0.1073
rs148166610	T	-0.0736
rs117532960	A	-0.0791
rs118017457	C	0.0884
rs12438903	G	-0.0464
rs72739086	G	-0.1064
rs79998391	A	-0.031
rs62007862	C	-0.0184
rs294560	C	0.0196
rs72743058	A	-0.0892
rs4281683	A	0.0194

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rs62022522	C	-0.0217
rs28613744	C	-0.0288
rs824183	C	0.0194
rs11074055	A	0.101
rs142596776	A	-0.101
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rs2278072	T	-0.029
rs8034246	T	-0.0238
rs62025535	T	-0.0173
rs16944721	C	0.0219
rs72757148	A	-0.04
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rs62032589	A	0.0714
rs56186062	A	0.0336
rs140077939	T	0.06
rs111682679	T	-0.0441
rs7178297	A	0.044
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rs28469802	G	-0.0608
rs149725724	G	0.1231
rs72763026	T	-0.0399
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rs74854826	C	0.0287
rs144217657	G	-0.085
rs11071375	A	0.0639
rs8024951	C	-0.0252
rs80180665	A	-0.1112
rs8028378	T	0.0192
rs112204273	T	-0.0715
rs111602019	A	-0.0851
rs74434593	G	-0.0163
rs74641601	G	0.1043
rs36066134	A	0.0878
rs11247301	T	0.0218
rs149649259	T	0.0358
rs11630560	G	-0.0421
rs77001129	T	0.0389
rs16964146	T	-0.0859
rs77413145	A	0.0361
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rs36110199	A	0.0444
rs72744926	A	0.0629
rs305024	T	-0.0246
rs77139127	T	0.0709

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rs72751207	C	0.0526
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rs72739721	A	-0.0539
rs80211336	A	-0.0653
rs12185106	A	0.0597
rs74621720	A	0.0695
rs12441883	A	-0.0254
rs2925297	G	-0.0157
rs113470697	T	-0.0703
rs72725020	G	-0.0519
rs2445738	T	0.0159
rs11072551	A	0.0164
rs76065397	C	0.0986
rs2647354	G	0.0189
rs76403198	T	-0.0439
rs35012161	A	-0.0805
rs2109571	A	-0.0165
rs72731758	A	-0.0706
rs990226	G	0.0177
rs16949076	A	0.0242
rs112973870	A	0.09
rs73374058	A	0.072
rs2854438	G	-0.026
rs74509803	A	0.0411
rs112943405	T	-0.1005
rs8027980	A	-0.0329
rs72761793	C	0.0607
rs117462861	A	-0.1128
rs146606314	G	0.0812
rs9630454	G	0.0425
rs10152202	G	0.0216
rs112815338	A	0.0248
rs28704517	A	-0.017
rs55718107	A	0.0165
rs17558620	C	-0.0188
rs117478613	T	0.0414
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rs72764161	C	0.0443
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rs4779008	C	0.0257
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rs117184043	G	-0.0918
rs11631140	G	-0.0244
rs691558	G	0.0268
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rs12443294	T	-0.0631
rs59774431	T	-0.0341
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rs117587518	A	-0.1014
rs4778953	G	-0.015
rs8034595	A	0.0163
rs74713263	G	-0.1266
rs7173889	T	-0.016
rs12915866	A	-0.0378
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rs72702744	T	0.0382
rs57096955	C	0.0361
rs116974294	C	-0.088
rs11855948	C	0.0654
rs4553604	T	0.0729
rs305000	T	0.0155
rs62009363	G	-0.0466
rs7171479	G	0.0188
rs17587205	T	0.0287
rs479153	T	-0.0578
rs76528300	T	0.0653
rs116854703	A	0.1206
rs80044496	A	0.091
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rs115847233	C	-0.1009
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rs4399517	T	0.016
rs75282705	C	0.082
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rs8031093	G	0.0215
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rs6494518	G	-0.0237
rs208147	T	0.0218
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rs12904169	G	0.0192
rs41497346	A	-0.0227
rs28385019	C	0.0709
rs11638514	C	-0.0495

rs117629515	A	0.0396
rs12916381	A	-0.0224
rs173272	T	-0.0217
rs71472361	C	-0.0703
rs35561592	G	0.0207
rs4984359	G	-0.0179
rs2388438	C	-0.022
rs12901185	A	0.0171
rs62004164	C	0.0175
rs117230572	A	-0.0781
rs260110	G	0.0216
rs12440889	G	0.0215
rs747327	G	-0.022
rs12437773	G	-0.0297
rs55756714	T	-0.0685
rs17649619	A	-0.0171
rs7162712	C	-0.0157
rs8023983	T	0.0542
rs118122124	G	0.1039
rs4468582	G	0.0683
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rs35874463	G	-0.0661
rs8039435	G	0.0181
rs79787951	A	0.0279
rs73411370	A	-0.0533
rs28613351	T	-0.0349
rs72748537	A	0.0442
rs62020354	T	-0.0149
rs28427330	T	-0.081
rs62011933	T	-0.0297
rs17787630	T	0.0726
rs117540232	T	-0.053
rs11858665	C	-0.0404
rs7176128	G	-0.066
rs6151479	T	-0.0292
rs12909306	C	-0.0302
rs11636369	C	-0.0737
rs8039136	A	0.0451
rs11073056	C	-0.0166
rs72747219	C	-0.0524
rs1602538	C	-0.0153
rs141728803	T	-0.1009
rs17240748	G	0.0255
rs78583674	T	0.08
rs9672555	T	0.0521
rs75150887	T	-0.0674
rs76873460	A	-0.0359

rs1827489	G	0.0185
rs1704083	T	-0.0605
rs2899498	G	0.0154
rs34945147	T	0.023
rs117775603	T	0.074
rs74601873	C	0.0375
rs62009419	C	0.017
rs57506932	T	0.0266
rs1546074	A	0.0174
rs9672537	C	0.0179
rs2317228	T	0.0162
rs12912592	G	-0.015
rs61336929	T	0.0505
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rs7165293	G	-0.023
rs143338735	A	-0.0628
rs7171795	G	-0.0168
rs76725	C	0.0166
rs28636541	C	-0.0387
rs113697601	A	0.0152
rs418984	G	-0.0216
rs116906779	A	0.0756
rs6496481	T	0.0184
rs11858934	T	-0.0295
rs28427272	A	0.0172
rs80313172	C	0.0599
rs2869036	G	-0.0184
rs55792173	G	0.0415
rs112263555	G	0.1354
rs8036059	C	0.0517
rs28634813	A	-0.0256
rs62024247	T	0.021
rs117509815	T	0.0828
rs78706572	T	0.0599
rs2960795	A	0.0171
rs11633947	G	0.0153
rs7181140	A	-0.026
rs526971	T	-0.0363
rs4777854	A	-0.0159
rs72759899	T	0.0983
rs11856972	A	0.0517
rs34429312	T	0.0193
rs12906483	G	0.0318
rs17646637	G	0.0155
rs111597843	T	0.0888
rs77828400	C	0.0642

rs112507747	T	-0.0633
rs7176051	C	0.0252
rs4273018	T	0.0167
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rs79759141	G	0.0172
rs72757720	C	-0.0435
rs75927608	A	0.0655
rs141299637	T	0.1129
rs11855154	T	0.0211
rs11161276	G	-0.0248
rs1370155	G	-0.0298
rs730154	C	0.0206
rs2017617	C	0.0154
rs3101607	A	-0.0147
rs62020305	T	-0.0552
rs55908413	T	-0.0277
rs10520070	G	0.0174
rs149165730	T	-0.0887
rs72745373	T	0.0312
rs117894215	A	-0.1229
rs4965595	G	-0.0188
rs12595297	G	0.0216
rs72738101	C	-0.0187
rs74918950	C	-0.0332
rs62024267	G	0.0503
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rs3890116	T	-0.0388
rs111808086	A	0.0469
rs35605625	A	0.0526
rs7183633	A	0.0336
rs1898885	C	-0.0154
rs74630575	A	-0.1015
rs3905275	C	-0.0192
rs16946318	G	0.0498
rs74415750	T	-0.1273
rs34161372	C	0.0957
rs1020145	T	0.0171
rs3097532	T	0.0641
rs12438482	A	0.0226
rs7179722	T	-0.0149
rs17515533	C	-0.0178
rs4965211	T	0.0166
rs116881774	T	0.0601
rs80081529	T	-0.0216
rs11853341	G	0.0253
rs75550918	A	0.0645
rs386357	T	0.0215

rs28372213	A	0.1047
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rs13379978	T	0.0282
rs34808173	A	0.0272
rs72721480	C	-0.0565
rs112884435	T	0.0877
rs112597754	G	-0.0686
rs147570586	A	0.1447
rs4465565	G	0.0175
rs73442943	G	-0.0464
rs1550027	C	0.0193
rs11259907	G	-0.0154
rs75089265	A	0.0625
rs7173262	T	0.016
rs111727644	T	-0.0918
rs74029274	A	-0.1179
rs34460697	G	0.0903
rs72748427	G	-0.0559
rs11635749	C	-0.0174
rs8042302	T	0.0177
rs10459614	C	0.0154
rs4777806	G	-0.021
rs4778213	T	-0.0301
rs11636617	C	0.0247
rs77516282	T	-0.0462
rs117751867	A	0.0456
rs146827692	T	0.0821
rs2928704	T	-0.0282
rs4924440	A	0.0226
rs11632781	A	0.0665
rs117054130	T	-0.0901
rs146064123	C	0.0672
rs11631071	A	0.0209
rs145423336	T	0.0821
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rs2444004	T	0.0165
rs140788045	A	0.0555
rs7179970	G	0.0356
rs117963522	A	0.0973
rs2338806	G	-0.0234
rs62017979	A	0.0163
rs9806203	T	-0.0154
rs12324745	A	0.0301
rs72705031	A	0.0754
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rs149388282	T	0.0744
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rs7169146	T	0.0201
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rs12900283	T	-0.0248
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rs76315808	C	-0.1425
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rs72730539	A	-0.0453
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rs3784350	A	0.0166
rs2469206	G	0.017
rs7174445	G	0.0153
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rs17557081	T	-0.0261
rs79098946	A	0.0538
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rs2665104	T	0.0241
rs4965640	G	-0.0213
rs7181293	C	-0.0529
rs74437732	G	0.0644
rs9920161	A	-0.0161
rs967064	T	0.0428
rs145183299	A	-0.1088
rs28474745	T	0.0608
rs150691478	T	0.0493
rs12907887	C	-0.0262
rs11635852	A	0.0385
rs67418059	T	0.0461
rs72713294	C	-0.0198
rs1659300	T	0.029
rs75353685	A	0.0492
rs17652266	C	0.0307
rs77415317	A	0.0656
rs143825603	C	0.0498
rs17816071	C	-0.0216
rs80331223	A	-0.0506

rs12915643	A	-0.0878
rs2220176	G	-0.0184
rs150164042	A	-0.0809
rs2045267	A	0.042
rs5001649	T	0.0211
rs3098539	A	0.0228
rs4886566	A	0.0194
rs74471732	T	0.0451
rs6598525	T	-0.022
rs34176382	A	0.0586
rs45545736	T	0.0424
rs56311511	A	0.0323
rs62017772	C	-0.1209
rs117380401	C	0.0748
rs61998619	C	-0.0596
rs71414383	T	-0.0692
rs150525711	C	-0.0834
rs116862695	A	0.0842
rs72710486	T	-0.0364
rs16964765	A	0.0444
rs11630452	G	-0.051
rs17240756	A	0.0235
rs4775489	G	-0.0651
rs11857107	A	0.0688
rs8038174	T	0.0229
rs785437	G	0.0167
rs28870157	G	-0.0153
rs8033183	A	0.0213
rs517562	T	-0.0168
rs117936868	A	0.0731
rs895137	A	-0.1049
rs4356457	G	-0.0221
rs116870018	T	0.0159
rs74794218	C	0.0721
rs11074125	G	-0.0152
rs2414522	A	0.0143
rs12906576	C	0.0158
rs1372833	T	0.0152
rs146521218	A	0.0989
rs116129341	T	-0.0291
rs113454042	G	0.123
rs62005930	T	0.0279
rs116960524	A	0.0893
rs74535214	T	-0.0502
rs72744443	T	0.0852
rs2440943	T	0.0176
rs72716242	T	-0.041

rs75444270	C	0.0545
rs76548254	A	0.0477
rs17784142	T	0.0253
rs12438734	C	0.0463
rs117900811	T	0.1045
rs117985059	T	-0.1159
rs12905311	T	-0.0162
rs11634165	G	-0.0269
rs35756086	C	-0.0149
rs1532113	T	-0.0202
rs6494066	A	0.0426
rs1483326	G	-0.0368
rs8025849	G	0.0167
rs112031693	G	0.0711
rs78492817	T	0.0635
rs11632336	T	0.0492
rs16964074	G	-0.018
rs115083636	T	0.0474
rs56035902	T	0.0174
rs12442659	T	0.0462
rs6497185	C	0.0175
rs3887640	T	0.0558
rs145605584	A	0.0843
rs113521760	A	0.1339
rs146561017	A	0.1101
rs141053189	T	-0.0862
rs116926770	C	-0.0788
rs117806402	T	0.1024
rs138189253	G	-0.1189
rs143364029	A	0.0988
rs117601949	A	-0.0283
rs12438229	A	0.0354
rs12440100	A	0.0216
rs7170849	G	-0.0403
rs35782557	G	-0.017
rs145977313	T	0.0595
rs77189993	T	-0.046
rs117350029	A	-0.0657
rs145094750	A	0.0608
rs62023719	A	-0.0229
rs80308551	C	0.0562
rs56181764	A	-0.053
rs340002	A	-0.0175
rs11073377	G	-0.0244
rs142578186	C	-0.0777
rs824189	C	0.0185
rs77483016	A	0.0316

rs1371387	T	0.045
rs72704409	T	-0.0853
rs138631939	G	0.0509
rs2161936	C	-0.0205
rs59200474	C	0.049
rs56184454	C	0.0163
rs117088846	G	-0.0535
rs28437614	A	0.035
rs1822170	T	0.0259
rs11855920	T	0.0435
rs75332828	A	-0.0631
rs146533408	A	-0.0678
rs35446117	T	-0.0875
rs74869668	C	0.119
rs113717271	A	-0.0519
rs75476994	G	0.0273
rs62022705	A	0.0356
rs76009181	C	0.0718
rs142036330	G	0.0751
rs112024736	A	0.1017
rs1470003	G	-0.0155
rs118074818	G	0.0822
rs6576428	A	0.0249
rs77590474	A	-0.0388
rs117600047	T	-0.0669
rs150085588	A	-0.0952
rs72740258	G	-0.0818
rs35346656	C	0.0144
rs139784116	C	0.0653
rs62045872	G	0.0424
rs75750077	C	-0.0618
rs12906370	C	-0.072
rs9920397	A	0.016
rs10163016	C	-0.0919
rs824200	T	0.016
rs73362493	A	0.0369
rs8025349	C	0.016
rs2340006	T	0.0344
rs1223954	C	0.0152
rs72715513	T	0.0381
rs4887337	A	0.0225
rs8041532	T	0.0158
rs12148092	T	-0.0272
rs2932205	G	-0.0143
rs72759228	T	0.0791
rs12050843	T	0.0251
rs11631593	A	-0.0193

rs1719264	C	-0.0141
rs17179666	C	-0.0637
rs76778133	G	0.0452
rs28558770	A	-0.0181
rs7167134	C	-0.0187
rs117275442	A	-0.0628
rs11072921	G	0.0145
rs1457849	T	0.039
rs139306786	T	0.055
rs77944201	T	0.03
rs11855110	G	-0.0147
rs117342694	C	0.0731
rs4778052	T	-0.0189
rs11639127	C	0.077
rs149766823	A	-0.0899
rs12910040	C	-0.0193
rs34222688	G	-0.0469
rs78523617	A	-0.0389
rs12439732	G	-0.017
rs72732882	A	0.0895
rs143892337	G	0.0836
rs341396	G	-0.0455
rs76284591	C	0.0258
rs7167175	T	0.0421
rs117656733	T	-0.0424
rs11630201	C	0.0204
rs79511315	A	0.0881
rs4464040	T	0.0194
rs117212126	T	-0.0612
rs111623761	C	-0.0447
rs7403605	C	0.046
rs16956149	G	0.0217
rs7165502	T	-0.0161
rs62020264	C	0.0165
rs141649048	T	0.0455
rs1350090	A	0.0159
rs2587735	T	-0.0844
rs12595272	C	0.0137
rs72743611	A	-0.0472
rs305035	G	-0.0146
rs66613151	C	-0.0384
rs2591056	A	0.0261
rs2724937	T	0.0598
rs1280383	G	0.0565
rs2070664	C	0.0187
rs8030388	C	0.0154
rs138257917	G	0.0535

rs10518976	A	0.0289
rs8035538	A	0.0293
rs75908835	T	-0.0605
rs8025806	G	-0.0151
rs17268471	T	-0.0154
rs12323953	A	0.0167
rs7177393	G	0.0184
rs140143983	G	0.047
rs6496037	G	0.0143
rs62044073	G	0.0942
rs78315414	A	-0.0371
rs74679793	C	0.0796
rs16954747	G	0.0548
rs16952153	G	-0.049
rs75655494	A	0.0961
rs75048099	T	0.1213
rs12593458	A	0.0567
rs17228662	A	0.0503
rs10518737	C	-0.0372
rs146246605	A	0.0428
rs7164531	T	-0.0181
rs62026520	A	-0.0183
rs78701168	T	-0.059
rs76791821	A	0.0894
rs78592653	G	-0.0773
rs28629347	T	0.0213
rs12442869	A	-0.0188
rs11247235	G	-0.0206
rs1534780	G	-0.0174
rs116841286	C	-0.0851
rs75264248	T	-0.0409
rs7176055	A	-0.0409
rs76126912	C	-0.0443
rs115861160	G	-0.064
rs144719426	C	0.0276
rs2614658	A	-0.0143
rs28706610	C	-0.0675
rs79430825	C	0.0538
rs76814821	C	-0.0743
rs7175383	T	0.1111
rs72712984	T	-0.0947
rs79413522	C	-0.0503
rs145965078	C	0.0969
rs1516849	A	0.0528
rs16957167	T	0.023
rs28415039	A	0.0145
rs34573964	G	-0.0162

rs34884018	A	0.0156
rs12438236	C	0.0155
rs150952063	A	0.0469
rs1874278	C	-0.0263
rs12906408	A	-0.0191
rs72752029	T	0.0472
rs4776108	A	0.0157
rs17550768	C	0.079
rs1113556	A	0.0198
rs62010321	C	0.0735
rs142965534	G	-0.0638
rs144315096	T	0.0724
rs17825866	C	-0.0449
rs616687	A	0.0427
rs28835384	T	0.0515
rs74011969	C	-0.1137
rs78424241	T	0.0297
rs80306494	C	0.1161
rs11633832	G	0.0189
rs76881639	T	0.0223
rs118019212	T	0.0505
rs11072944	C	0.0189
rs8041762	A	0.0149
rs80146165	T	-0.0576
rs35758952	C	-0.029
rs112459071	T	0.0498
rs17238559	A	0.0391
rs7169390	T	-0.1186
rs72744025	A	-0.0393
rs8027533	T	0.0148
rs4410035	C	-0.0792
rs8041054	A	0.0164
rs11074261	G	0.0217
rs56820588	C	0.0157
rs62023648	G	0.0456
rs34080199	G	0.0597
rs78227022	A	-0.0711
rs35294489	G	0.0766
rs36108380	G	-0.1012
rs11630670	A	0.0134
rs3104509	G	0.0165
rs117713789	T	0.0572
rs17817476	G	0.0176
rs71395022	A	-0.0972
rs35636804	A	0.0557
rs2222299	C	0.0183
rs117016506	C	0.0365

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rs6495467	C	0.0138
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rs78565953	A	0.1254
rs55730535	C	-0.0153
rs10520795	T	0.0762
rs74030724	A	0.0919
rs56280996	A	0.0152
rs138159328	C	0.0708
rs117863532	G	0.0497
rs11629844	T	0.0173
rs78376747	A	0.0563
rs12439166	A	-0.0136
rs3817428	G	0.0162
rs10851997	C	-0.0642
rs11161252	A	-0.0218
rs34804115	G	-0.0823
rs113858023	A	-0.0783
rs78361369	T	-0.026
rs965372	G	-0.0159
rs4924220	G	0.0152
rs12148063	G	-0.0265
rs78439607	A	-0.0724
rs2440323	C	-0.0377
rs35909931	G	0.0529
rs76638324	C	0.0958
rs117785398	G	0.0595
rs73419199	G	0.0617
rs898126	C	-0.0178
rs117059212	A	0.0554
rs138991337	A	0.0737
rs149553122	C	0.0517
rs7178220	G	0.0156
rs28522113	C	0.0139
rs118099827	T	0.0495
rs12439595	A	-0.0605
rs28451449	A	-0.0789
rs7162266	C	0.014
rs11637211	G	0.0175
rs113489994	G	-0.1019
rs907801	C	0.0273
rs2866104	C	-0.0136
rs7179088	T	0.0148
rs72725471	A	0.0443
rs80190498	G	0.0253
rs6493946	C	-0.077

rs7172901	G	-0.024
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rs79267042	G	0.0702
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rs68174118	A	0.0156
rs12912177	C	-0.0183
rs72760675	T	-0.0434
rs141070453	G	0.0629
rs76246801	C	0.0581
rs79447309	C	-0.0495
rs16974946	C	-0.0225
rs79552837	T	0.0603
rs12439636	G	-0.0187
rs11634453	G	0.0497
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rs7170748	G	-0.0739
rs4984523	T	0.0141
rs9920378	T	-0.0135
rs62016178	T	0.0356
rs12905450	T	0.0444
rs117997754	T	0.0672
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rs117652349	T	-0.1031
rs117651917	A	0.1074
rs8035098	T	0.0356
rs72625128	T	0.0172
rs4614679	C	0.0338
rs2651424	T	-0.0191
rs78854416	A	-0.0499
rs76270950	C	-0.0696
rs4390543	G	-0.019
rs4238440	G	-0.0344
rs7174702	C	0.0179
rs3759911	T	0.0167
rs1838541	A	0.0564
rs80033931	A	-0.0896
rs72758232	T	-0.0196
rs11639068	G	0.0189
rs117888755	C	-0.0837
rs74320127	G	0.075
rs150326315	T	-0.0921
rs28480039	C	0.0243
rs62008553	A	-0.089
rs8025949	G	0.0541
rs78200805	A	0.0249
rs2277533	A	0.0194

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rs59841314	C	0.0556
rs35808913	T	0.0183
rs149899029	T	0.0466
rs116951989	A	0.0442
rs144445593	C	-0.0887
rs75129099	C	0.0753
rs117529862	A	0.0477
rs17551882	G	-0.0517
rs77243456	T	0.0879
rs117095774	A	0.0572
rs10520058	T	0.0391
rs16954589	G	0.0171
rs17536553	A	-0.0229
rs28607836	C	0.0271
rs138134049	A	0.1187
rs225588	G	-0.014
rs79970375	C	0.0307
rs3784604	C	0.0242
rs71407218	T	-0.0432
rs12441453	T	0.0161
rs1908194	G	0.0183
rs76344240	G	-0.0639
rs74753905	G	0.0555
rs117641888	G	0.0708
rs4581683	G	-0.0252
rs117007907	C	0.0669
rs79843667	G	-0.0244
rs142927108	C	-0.0244
rs11639369	T	0.0166
rs7168676	C	-0.0144
rs57089730	T	-0.0736
rs112528667	G	0.052
rs67971088	G	-0.0427
rs112215760	A	0.0508
rs276863	C	-0.0164
rs12324778	G	0.0557
rs79109566	T	-0.061
rs76897740	C	-0.0426
rs2912111	C	-0.0331
rs148628329	A	-0.071
rs16945302	T	-0.0363
rs117542787	T	0.1068
rs1031912	C	-0.0366
rs11854633	C	0.0184
rs73455325	G	0.0146
rs28720730	A	0.0601

rs74667645	T	-0.0693
rs4349128	G	0.0304
rs1797221	T	-0.0273
rs72750970	G	0.0483
rs2415075	A	0.0176
rs72760525	A	0.0437
rs531747	A	0.016
rs76450208	C	-0.0448
rs149575163	C	0.0364
rs76726332	T	-0.0528
rs12440695	C	0.0139
rs75048759	A	0.0461
rs12915364	A	-0.0781
rs28772945	G	-0.0137
rs641563	A	-0.0141
rs72751957	T	-0.0251
rs75870050	T	0.1038
rs603787	T	0.0235
rs11072724	T	0.026
rs148349061	T	-0.0561
rs10468123	G	-0.0313
rs12592227	A	0.0147
rs11855458	C	-0.015
rs145176550	T	0.0685
rs6493609	G	-0.0164
rs143857439	G	-0.0564
rs870196	C	-0.0186
rs1367959	T	0.0145
rs4932489	A	0.0191
rs17695404	A	0.0205
rs7176238	C	-0.0274
rs76963384	A	-0.0932
rs17179826	G	0.032
rs11630205	A	0.0213
rs116959503	A	0.0516
rs113478092	T	0.052
rs56027313	G	-0.019
rs421098	C	-0.0131
rs11070671	C	-0.0146
rs2415081	C	0.0202
rs17630989	C	-0.0321
rs7174853	G	0.0155
rs17800976	G	0.0398
rs289496	G	-0.0605
rs118070272	T	-0.1079
rs74027627	G	0.0942
rs142602490	A	-0.0785

rs150215335	T	-0.0614
rs7167939	G	0.0143
rs111513452	C	-0.0467
rs140066779	A	0.0583
rs78436158	A	-0.0477
rs140469028	A	0.0817
rs4238497	A	0.0329
rs73462719	T	-0.062
rs1369283	T	0.0164
rs35907575	A	0.0339
rs34680639	G	-0.0363
rs11070256	C	0.0198
rs55809667	T	0.0146
rs143600625	T	-0.0716
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rs117356244	T	0.0556
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rs149390506	T	-0.0294
rs1456417	T	0.0241
rs2173288	T	0.0132
rs114785947	T	0.077
rs72698061	T	0.1441
rs34713985	G	-0.0293
rs2141435	A	-0.0574
rs1443656	G	0.0219
rs11633191	C	-0.0227
rs2047659	A	-0.0135
rs12148326	T	-0.0173
rs79400013	A	-0.0594
rs17271570	G	-0.0649
rs111454832	A	-0.0617
rs55809501	T	-0.0273
rs12438287	G	0.0248
rs4774261	G	-0.0152
rs72745484	G	-0.0977
rs6602977	A	0.0224
rs72763160	C	0.0245
rs28672262	T	0.0712
rs117771455	G	0.0626
rs80218258	A	-0.0706
rs2955742	A	0.0175
rs117177159	C	-0.0491

rs754399	C	-0.0211
rs4924175	A	-0.0155
rs12907953	C	-0.027
rs77704387	T	-0.0628
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rs2068199	A	0.024
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rs28754610	G	-0.0744
rs8038405	C	-0.0152
rs583420	C	-0.0134
rs7178946	A	-0.021
rs289394	G	0.0143
rs28668138	T	0.0869
rs75028387	C	-0.0329
rs76229101	C	-0.0282
rs150960453	C	-0.074
rs7167446	C	0.0154
rs12914871	T	0.0717
rs1565409	A	0.0446
rs117808074	C	0.1039
rs148027321	A	-0.0757
rs35457052	C	0.0211
rs75345216	G	0.0594
rs72757038	C	-0.0719
rs4774607	G	-0.0346
rs8038117	G	-0.0485
rs17817830	T	-0.0465
rs34765730	A	-0.0149
rs3784334	G	0.0572
rs7169441	T	-0.0137
rs10400858	C	-0.0975
rs4923806	T	-0.0184
rs75712029	A	0.0482
rs117064051	T	-0.0623
rs67774488	T	-0.0201
rs80185399	C	0.0334
rs2003924	T	0.0129
rs6495079	C	0.0377
rs2203646	A	-0.0137
rs59017311	G	0.0155
rs71396847	C	-0.09
rs8037185	A	0.0185
rs7182594	T	0.0281
rs62006806	A	-0.0254

rs34296746	A	-0.0479
rs76939322	A	0.0475
rs78912720	T	0.0507
rs78596469	T	0.031
rs74704972	G	0.0478
rs36057952	T	0.0424
rs76776694	T	0.0963
rs2271162	C	0.0207
rs76525915	T	0.0635
rs141961639	G	-0.0186
rs118184036	A	0.0522
rs4924310	G	0.023
rs17748187	A	0.1057
rs8026042	T	0.0138
rs56331059	A	-0.0149
rs8033821	C	0.0381
rs117916334	T	-0.0878
rs56252788	C	0.1142
rs35138338	T	-0.0251
rs79947648	A	0.0329
rs145425362	A	-0.0581
rs16965225	T	-0.029
rs117704624	G	-0.0941
rs11638706	T	-0.0139
rs139952184	T	-0.0907
rs77829526	A	-0.0589
rs12917037	G	-0.0158
rs11073344	T	0.0133
rs75867937	C	0.076
rs12914497	T	-0.0628
rs79908203	C	-0.0752
rs34152137	G	-0.0172
rs148691448	G	-0.062
rs62008300	G	-0.0292
rs79434076	T	0.0698
rs28438814	A	-0.0244
rs76466466	G	-0.0436
rs139839882	T	0.0501
rs1458252	T	0.0159
rs933999	T	-0.0168
rs12440512	T	-0.029
rs62003349	G	-0.091
rs2066707	G	-0.0129
rs117267429	G	0.0657
rs719715	G	-0.0214
rs1563099	G	0.0443
rs12911508	T	-0.0595

rs2102383	G	0.0136
rs139676222	G	-0.0757
rs968137	A	-0.0232
rs28795785	A	-0.0386
rs56061702	A	0.0454
rs4932322	G	0.0175
rs141721117	G	0.0851
rs149819667	A	0.1004
rs139412183	A	-0.081
rs117707176	A	0.0617
rs897174	G	-0.021
rs12441608	T	0.0203
rs11073447	T	-0.0485
rs79476880	C	-0.0499
rs7175635	G	-0.0205
rs12909626	C	0.0204
rs16949386	G	-0.0368
rs4886578	T	0.034
rs78523318	C	-0.0651
rs6496582	C	0.015
rs60171894	T	0.0224
rs137925307	G	-0.058
rs17629693	A	-0.0386
rs142616214	G	-0.0775
rs17633423	C	0.0451
rs28719983	C	-0.0163
rs143915845	A	-0.1225
rs76432367	G	0.0344
rs144560798	C	-0.058
rs16959968	T	0.1005
rs145624294	T	-0.075
rs12915651	A	0.0138
rs3825895	T	-0.0152
rs117209258	T	-0.09
rs11855688	A	-0.0177
rs150271229	G	0.0923
rs117382813	T	-0.1484
rs72747753	G	0.0551
rs12440850	G	0.0885
rs28680207	G	-0.039
rs1842266	C	0.0146
rs79714835	T	-0.0313
rs74013029	G	0.0611
rs111568020	G	0.0311
rs11633475	G	-0.0294
rs140425526	A	-0.0263
rs142126418	T	0.0405

rs79319640	A	0.0448
rs138117863	G	0.0953
rs8818	C	-0.0257
rs117762624	A	-0.0641
rs7497018	T	-0.0161
rs62020807	A	-0.022
rs62036579	G	-0.0231
rs62006189	G	-0.0258
rs62010065	A	0.035
rs80076207	T	0.0315
rs79408686	G	-0.082
rs2880910	A	-0.0195
rs7167300	T	0.0125
rs78779592	A	0.0649
rs7162853	C	0.0475
rs141713641	C	-0.0218
rs74356279	A	0.0938
rs35529102	T	0.0475
rs12911623	T	0.0149
rs77112865	G	0.0722
rs2575418	C	-0.0129
rs113617946	A	-0.0847
rs1841875	C	0.0236
rs8036552	A	0.0225
rs16948431	G	0.0737
rs74994674	T	-0.0177
rs150050462	T	-0.0913
rs9806404	T	-0.0127
rs8036815	C	-0.0147
rs77107283	C	0.0381
rs1386772	T	-0.0297
rs143265474	C	-0.0461
rs2018558	T	-0.0688
rs11636530	G	-0.0216
rs11633874	T	-0.013
rs8042402	G	0.0172
rs12232337	G	-0.0163
rs75699407	T	0.0599
rs6495529	A	-0.0143
rs62025930	A	-0.0412
rs545024	C	-0.017
rs35850115	T	0.0163
rs76823508	T	-0.1137
rs72708685	T	-0.0192
rs145253519	G	0.0804
rs2005063	G	-0.0182
rs4613011	T	-0.0176

rs34862034	G	-0.0163
rs147444602	T	-0.0407
rs62008760	G	0.0166
rs72758434	A	0.064
rs56139943	C	-0.074
rs149375237	T	0.0779
rs150875827	T	-0.0841
rs11638949	A	0.0819
rs1719321	A	0.0442
rs4775532	T	-0.0366
rs35374001	T	0.0236
rs2124135	A	-0.0494
rs117093571	A	0.0497
rs145804714	A	-0.0773
rs74977623	C	0.0513
rs76389394	G	-0.052
rs11852708	T	-0.0232
rs12324226	G	-0.0374
rs7170619	C	-0.0751
rs117957796	A	-0.0745
rs41444346	A	-0.0194
rs34546324	G	0.0128
rs34706893	A	0.016
rs62025080	A	0.0651
rs7176910	T	0.0269
rs72735358	C	0.0279
rs139620349	T	0.0647
rs668850	T	0.0162
rs67980216	C	0.0168
rs7162385	T	0.0547
rs6494007	T	0.0565
rs17288827	T	0.0736
rs72736560	A	-0.0653
rs17470404	C	0.0655
rs151136050	T	0.0678
rs113378225	T	0.0561
rs12440923	C	-0.018
rs111889606	G	-0.0633
rs74563378	T	-0.022
rs4508402	A	0.0166
rs73406454	T	0.0527
rs79027632	C	0.0373
rs2278659	C	0.0296
rs78847454	C	0.0695
rs4932552	T	0.0157
rs72759398	A	0.0396
rs11073070	T	-0.0139

rs12437968	C	-0.0154
rs12050627	T	-0.0321
rs116965509	A	0.0513
rs8023872	A	0.0281
rs35306921	A	0.0164
rs115530132	C	0.0302
rs35008505	A	-0.0291
rs112740365	A	-0.0841
rs76526429	A	-0.0492
rs75015854	A	0.0593
rs72735361	C	-0.0182
rs7183687	T	0.0189
rs12913071	A	-0.0235
rs2697330	A	0.019
rs12901926	C	0.0146
rs56409529	G	0.0378
rs1880029	T	0.0313
rs143326941	A	0.0468
rs150293860	C	0.0395
rs56327354	T	0.0412
rs568760	T	0.045
rs12324742	C	-0.0701
rs28701165	G	-0.0296
rs2689352	C	-0.0127
rs117824192	C	0.1077
rs111240196	C	-0.0568
rs146088373	A	0.053
rs7182062	A	-0.0176
rs8035866	T	0.0725
rs10519209	G	-0.053
rs111675004	T	-0.0519
rs62026669	A	0.0437
rs11636343	G	-0.0164
rs7175202	C	-0.0996
rs172351	T	0.0201
rs76079408	G	0.0606
rs77897527	A	0.0667
rs140143645	A	0.0459
rs4777769	C	0.0134
rs11631550	T	0.0143
rs139185418	G	0.0613
rs16975755	G	-0.019
rs11855696	T	-0.0176
rs74020273	G	0.0597
rs76779911	A	0.1013
rs142043302	C	-0.0425
rs6494731	A	0.049

rs79015880	T	0.0124
rs75812656	A	0.0373
rs17759061	A	-0.0269
rs558333	C	-0.0411
rs1581361	C	0.0755
rs12438472	A	0.0133
rs75836903	C	-0.0617
rs79115699	G	0.0574
rs144254350	A	0.0367
rs7171957	A	-0.0194
rs56359304	T	0.0276
rs61012855	T	-0.0214
rs11071954	A	-0.0726
rs60114944	G	0.0435
rs117719066	C	0.0333
rs59315812	C	-0.0266
rs72734689	T	-0.0234
rs11630559	T	-0.0225
rs148997339	A	-0.0568
rs75881500	T	-0.0366
rs117078908	A	-0.0348
rs72732571	C	-0.0562
rs80061741	A	0.0228
rs4923734	A	0.0227
rs146642916	G	-0.0745
rs304985	C	-0.0198
rs73361516	G	0.0213
rs79842477	C	0.0432
rs2672691	C	-0.0266
rs74482817	A	0.0259
rs28607625	G	-0.0832
rs11639322	T	-0.0225
rs1562253	C	0.0199
rs72717127	C	0.023
rs207952	G	-0.0152
rs2439371	C	0.0166
rs148834673	C	-0.0703
rs80123182	G	0.0273
rs4396487	A	-0.0166
rs28878478	G	-0.0148
rs71463468	T	-0.0608
rs17729887	C	0.0693
rs11070211	A	0.014
rs34825924	A	-0.0203
rs112062836	G	-0.0409
rs35598660	T	0.0718
rs71463464	T	0.0469

rs1565934	G	-0.0208
rs151179592	T	0.04
rs80335077	A	0.0338
rs1018324	T	0.0126
rs6494554	T	-0.0186
rs12591548	C	0.0205
rs3985921	T	0.0216
rs16975863	C	0.0233
rs967467	A	-0.014
rs147761575	A	0.0286
rs2943227	G	0.0121
rs71398291	A	-0.0645
rs117618575	A	0.0558
rs72730748	C	-0.0229
rs1602907	C	-0.0149
rs117610138	T	-0.0407
rs72727615	T	-0.0201
rs143198447	T	0.055
rs139485865	T	-0.1053
rs149166400	A	0.0557
rs117864190	T	0.0488
rs72753626	G	-0.0245
rs8026716	A	0.0138
rs77488738	A	0.073
rs7184010	T	-0.0174
rs2651850	A	-0.021
rs7177039	T	-0.0123
rs141370209	A	-0.1135
rs117597915	G	0.0639
rs117363831	T	0.1207
rs62023062	G	-0.0151
rs1947782	C	0.0133
rs8027921	C	-0.0173
rs151309059	G	0.0972
rs12437572	G	0.0159
rs58934940	C	-0.0588
rs8040807	T	-0.0146
rs72755551	C	-0.0341
rs72745830	A	0.0332
rs116902449	C	-0.1107
rs882959	G	-0.0141
rs117941816	G	0.0699
rs117822771	A	0.0606
rs62017773	T	-0.051
rs117222848	A	-0.0968
rs35966712	C	0.0363
rs17532319	T	-0.0237

rs7183325	G	-0.0126
rs934741	A	0.0132
rs111799083	A	-0.0294
rs144139149	A	-0.0715
rs117090774	T	0.0342
rs17781350	T	0.0655
rs4906624	T	-0.0194
rs16965511	G	-0.029
rs56654055	A	-0.0202
rs77036264	G	-0.0508
rs11631752	C	0.0145
rs150387952	C	0.0719
rs77869728	G	0.0602
rs561507	G	-0.0442
rs75816310	G	0.0457
rs117283585	T	0.0994
rs74858594	A	-0.0394
rs7165333	A	0.0356
rs141747311	A	-0.075
rs2398098	G	-0.1005
rs4261479	C	-0.0133
rs144334873	T	-0.0727
rs66584611	A	-0.026
rs77313716	C	-0.0189
rs117943186	C	-0.0471
rs76734019	G	0.0779
rs1533858	G	-0.051
rs6497038	T	-0.0236
rs4984530	C	0.0123
rs1426206	G	-0.0137
rs118081750	T	0.0548
rs8032052	T	-0.0201
rs62046686	A	-0.0999
rs117127307	A	0.0445
rs79557669	T	0.0257
rs73434831	T	-0.0344
rs183505	C	-0.0185
rs75621695	A	-0.0321
rs72715941	A	-0.0294
rs690125	T	-0.085
rs58469372	A	-0.016
rs1528417	C	-0.0144
rs17304157	G	0.0265
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rs73465643	T	-0.0707
rs56281609	C	0.0279
rs682567	A	0.0129

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rs7169953	C	0.0142
rs17556903	C	0.0233
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rs116250922	T	-0.0626
rs28838061	T	-0.0293
rs2199727	G	-0.0434
rs2593034	T	-0.0227
rs9920189	A	-0.0127
rs117342284	C	-0.067
rs4613005	A	0.0125
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rs77068980	G	-0.0375
rs139811046	C	0.0403
rs4777746	T	-0.0144
rs234526	A	-0.012
rs144347091	A	0.0779
rs17556833	C	-0.0482
rs16956563	T	0.0152
rs1836700	T	0.0184
rs16962772	T	-0.0716
rs146808768	C	0.0679
rs2732155	T	0.0179
rs74028402	C	0.0279
rs147663430	C	-0.0882
rs72763340	C	-0.0372
rs2955704	G	0.0157
rs78682273	C	-0.0274
rs72739104	T	0.0125
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rs76141078	T	0.0493
rs8038490	A	0.0261
rs113004814	A	0.0675
rs72649561	A	-0.026
rs12905338	A	-0.0384
rs8038897	A	0.0133
rs62027549	A	0.0164
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rs76833488	G	-0.027
rs77215296	C	-0.0373
rs2702313	A	-0.0267
rs79208099	A	0.0724
rs2075	G	0.0125
rs147888408	T	0.0608
rs117591191	T	0.0763
rs74668433	G	0.0653
rs12913113	G	0.022
rs156778	G	0.0496
rs12915037	T	-0.0217
rs7168433	A	-0.036
rs144281288	A	-0.1476
rs11073773	A	-0.0411
rs116905492	A	0.0658
rs4321148	T	0.0146
rs72751260	T	-0.0594
rs690074	T	-0.0115
rs16945239	A	-0.024
rs12902966	A	0.0136
rs2881638	G	0.0116
rs138394944	A	0.0254
rs16963644	C	-0.0809
rs74624432	G	0.0334
rs12908103	A	0.0206
rs79003715	T	-0.038
rs117384388	T	-0.0644
rs7494994	G	-0.0256
rs72729391	A	0.0289
rs28392847	A	0.036
rs148467642	G	-0.0914
rs115184849	T	0.0839
rs2459899	C	0.0129
rs1993471	A	-0.0366
rs61999914	T	-0.0226
rs4965065	T	0.0201
rs117000314	A	-0.0832
rs72764015	T	-0.0127
rs78409105	T	-0.1051
rs76132981	T	-0.0659
rs62014025	T	0.0209
rs75112656	G	-0.0631
rs2047350	T	0.0115
rs11631023	C	-0.0227
rs6606819	A	-0.0122
rs12905987	A	0.0138
rs2471030	T	-0.0133

rs151035205	C	0.0562
rs76168202	A	-0.0534
rs143891344	A	0.0465
rs59369287	C	0.0246
rs112918809	A	0.059
rs4041983	C	-0.0359
rs17816007	A	-0.017
rs56047771	C	-0.0276
rs143020264	T	0.0349
rs1871986	T	-0.0159
rs11855551	C	-0.025
rs8035826	T	0.012
rs17831280	T	0.0253
rs117324669	A	0.049
rs4965518	G	0.016
rs75415265	G	-0.028
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rs1370395	T	0.0468
rs57057855	A	-0.0444
rs140134875	A	0.0504
rs2447250	A	-0.0114
rs521504	T	-0.0284
rs7166417	T	0.012
rs8043034	C	-0.0501
rs6496611	C	-0.048
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rs2643363	G	0.0131
rs150574542	T	0.0679
rs7173019	C	0.0181
rs62002705	G	-0.0149
rs10438366	G	-0.0182
rs113073522	T	-0.0866
rs870306	G	0.0192
rs12439640	G	-0.0254
rs16969681	T	-0.0211
rs72707416	G	0.045
rs149004806	G	0.1007
rs6598488	A	-0.0144
rs3784491	C	-0.0199
rs11632624	A	0.0749
rs66742869	C	-0.0194
rs72738070	T	0.02
rs141668138	G	0.0475
rs72713193	C	0.0775
rs8040255	A	0.0143
rs141795224	A	0.0615
rs117007183	C	0.0585

rs12911715	T	-0.0116
rs7172826	T	-0.0165
rs76111261	A	-0.0441
rs76842236	C	0.0404
rs977589	T	-0.0122
rs56013767	A	0.0124
rs12903401	C	0.0117
rs78943597	G	0.0497
rs66793829	C	0.0157
rs147825669	T	0.0775
rs11637000	A	-0.0171
rs147861146	T	0.0956
rs117671325	T	0.0293
rs681484	G	0.0123
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rs35202529	A	0.0268
rs80214343	T	-0.0727
rs148014516	G	-0.0457
rs72737361	G	0.0696
rs35891934	A	-0.0261
rs4778868	T	0.0157
rs62023309	A	0.0376
rs7170305	G	0.0136
rs16948375	A	0.0339
rs78476641	T	0.0722
rs116980371	G	-0.0315
rs59065311	T	-0.0483
rs16945614	T	0.0281
rs727702	A	0.0186
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rs9652478	G	0.0226
rs72743901	G	0.0378
rs4029934	T	0.0693
rs7172583	T	-0.0434
rs341402	T	0.0265
rs78567450	T	0.1072
rs16970495	A	0.0135
rs148169239	T	0.0624
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rs75966616	A	-0.0456
rs28735994	A	0.0223
rs71412290	G	-0.0301
rs117161605	T	0.0491
rs1545246	T	-0.0215
rs12901591	T	0.0153

rs78675714	A	0.0436
rs61021634	G	-0.0205
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rs72751725	T	0.0437
rs113964395	C	0.035
rs72723442	C	-0.0313
rs140067789	T	-0.0613
rs1158075	A	0.011
rs17301822	A	0.0506
rs17317027	G	-0.0948
rs62009524	C	-0.0907
rs150672730	G	0.0417
rs4520801	C	-0.0632
rs12441056	A	0.0766
rs4774941	G	0.0226
rs56188061	T	0.0116
rs117944366	A	0.0458
rs138878080	T	-0.0851
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rs4779508	T	-0.013
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rs1711045	G	-0.0161
rs2677725	A	0.0487
rs137897913	A	0.1158
rs3825990	T	0.0388
rs117914098	A	-0.04
rs12439499	C	0.0181
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rs117969959	A	-0.1066
rs1051287	A	-0.0158
rs62001324	A	-0.0354
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rs6496180	G	-0.0128
rs11631315	T	0.0319
rs28525672	G	0.0145
rs140956756	T	-0.073
rs2593053	A	-0.0125
rs28673024	T	-0.0184
rs72705865	A	0.0397
rs75134557	C	-0.0314

rs117264037	T	-0.0556
rs116962999	A	0.0575
rs117609528	A	-0.0521
rs12902362	A	-0.0921
rs75067533	G	-0.1025
rs2218342	T	-0.0334
rs28612945	T	-0.021
rs77096950	A	-0.046
rs145395179	T	0.0602
rs7497640	T	0.0117
rs16949091	G	0.0214
rs734635	T	0.0136
rs72705156	A	-0.0267
rs149316549	G	0.0195
rs16949741	A	0.0224
rs79321819	A	0.0431
rs17254697	A	-0.0332
rs141055667	A	-0.0373
rs12324909	T	-0.012
rs62003773	C	0.0209
rs7179063	A	0.0149
rs76632816	T	-0.04
rs79795828	G	0.0573
rs117641017	T	0.0603
rs2733100	A	-0.0171
rs7177806	A	0.0273
rs12593706	T	0.0122
rs2292116	C	-0.0152
rs795471	G	-0.0173
rs34705030	A	0.0239
rs12902360	C	0.0123
rs7183564	G	-0.0166
rs144144632	G	0.0536
rs10163164	C	-0.0126
rs4777644	G	-0.0321
rs4492992	C	0.0135
rs9672398	G	-0.0111
rs12905758	A	0.0244
rs138664152	A	0.0653
rs7164773	T	-0.0113
rs12917595	T	-0.0141
rs28689929	T	-0.0119
rs6494311	T	-0.0114
rs111932982	G	0.0795
rs12595784	T	-0.0182
rs117697929	T	0.0889
rs655579	G	0.0303

rs76141337	T	0.0717
rs708679	C	0.0211
rs142854721	T	0.0587
rs12913946	T	-0.0143
rs28420588	A	-0.0256
rs72755787	A	-0.0216
rs34453246	G	0.0178
rs140104360	A	-0.0388
rs151270869	G	-0.0981
rs3959554	G	-0.0112
rs71478312	C	-0.0207
rs55741428	G	-0.0224
rs62023700	A	-0.0675
rs10444814	T	-0.0338
rs12910352	C	0.0126
rs144115458	T	0.0612
rs8023917	C	0.0464
rs11637910	A	-0.0132
rs925759	T	0.0117
rs6493208	G	0.0471
rs56966047	C	-0.054
rs117806191	T	0.048
rs76772355	A	-0.0292
rs35512484	G	0.0303
rs148241116	G	0.0974
rs140166752	G	-0.0402
rs141322066	C	-0.1008
rs4530078	A	0.0161
rs4777810	A	0.0121
rs77397211	C	-0.0238
rs17235996	A	-0.0178
rs11072922	T	-0.0137
rs7168734	C	0.0244
rs7168956	A	-0.0276
rs145858971	T	0.0743
rs12592921	C	-0.0255
rs6496141	A	-0.0496
rs79431920	T	-0.0428
rs58896958	C	0.0165
rs146938812	G	-0.0592
rs75683540	G	-0.0286
rs56898898	C	-0.0207
rs12439316	T	-0.0166
rs111358886	A	-0.0397
rs10152644	G	-0.0227
rs4924110	G	-0.0615
rs76727460	C	0.0467

rs8033873	A	-0.0122
rs149649828	T	-0.0721
rs62005628	G	0.0236
rs74788285	G	-0.0136
rs5000770	A	-0.0117
rs4620934	T	0.0115
rs12148530	C	0.0118
rs2727145	C	0.0129
rs12909022	C	-0.012
rs10851596	A	0.0124
rs7183772	G	0.0223
rs34130844	C	-0.0151
rs16960833	C	0.0178
rs78080265	T	-0.0265
rs111789844	G	-0.0263
rs60760826	G	-0.0123
rs3797	G	-0.0259
rs35398985	G	0.0707
rs8041675	T	-0.0111
rs3107674	C	0.0202
rs144500600	A	0.078
rs7403557	A	0.0133
rs35798799	T	-0.0181
rs145676627	T	-0.0715
rs4779877	G	-0.0314
rs12592815	A	0.0131
rs56245413	T	0.0166
rs7174521	C	0.023
rs150380361	C	0.0766
rs56282408	A	-0.0143
rs74028941	C	-0.0196
rs12324298	G	0.0245
rs62044310	G	-0.0204
rs118103489	A	-0.0388
rs12915329	T	-0.0394
rs1850480	C	0.0111
rs2928023	A	0.0137
rs16949216	T	-0.0138
rs117185798	A	0.0568
rs12907018	A	-0.0196
rs12439818	C	-0.0134
rs74979270	C	-0.0332
rs16964268	C	0.0162
rs146176108	G	-0.0699
rs142125552	T	-0.0825
rs149704304	T	-0.0407
rs76331697	G	0.024

rs900825	C	-0.0147
rs35876677	T	0.0446
rs78520403	C	0.0323
rs62001858	G	0.0203
rs117186662	T	-0.0756
rs62001693	A	0.0433
rs10520623	C	-0.0328
rs72767973	C	-0.0243
rs35591537	G	0.0741
rs981473	A	-0.0106
rs4776754	A	-0.0133
rs12901919	C	0.0149
rs76551941	T	-0.0608
rs112559885	A	-0.0749
rs74700439	G	0.0323
rs80119424	G	-0.0233
rs1656637	G	0.0132
rs77476383	C	-0.0515
rs75750246	T	0.0434
rs16953351	A	0.0517
rs78246813	G	-0.0385
rs2414512	G	0.0118
rs12440480	A	-0.0183
rs589390	A	-0.0146
rs13379803	T	-0.0153
rs869556	C	-0.0127
rs2290187	T	0.0751
rs117348679	A	-0.0993
rs28461423	T	0.0219
rs11632248	T	0.0161
rs72727381	T	0.0583
rs79174377	A	0.0422
rs12439830	G	-0.0108
rs76886283	G	-0.0251
rs72712237	T	0.0337
rs57921317	A	0.0269
rs2008780	A	-0.0135
rs7203209	T	0.0756
rs12597717	A	0.0732
rs78335918	G	0.1324
rs16959146	T	0.1594
rs12920300	T	0.0959
rs1861199	T	0.1083
rs17726745	G	0.4667
rs3103810	A	0.065
rs12600118	C	0.2854
rs12929358	A	0.1051

rs74901350	T	0.153
rs4889625	A	-0.0718
rs35441874	A	-0.0703
rs62030834	G	-0.0675
rs80124781	G	0.302
rs16953089	C	-0.0682
rs4530119	A	0.2805
rs117984432	C	0.2069
rs62044062	G	-0.0895
rs2291937	G	-0.161
rs9941245	G	-0.0757
rs77749545	C	-0.0993
rs141436390	A	0.3399
rs75714645	G	0.2472
rs149849264	T	0.4974
rs1155876	C	-0.1007
rs1345436	C	0.0939
rs7201287	G	0.2747
rs117581736	A	-0.1985
rs16944172	C	-0.0607
rs4787982	T	0.0876
rs9931998	A	-0.0792
rs11641627	T	-0.0812
rs3852728	A	0.1147
rs78789589	T	0.4403
rs12149010	T	0.0752
rs7499012	G	0.0691
rs117144048	G	-0.3455
rs13335830	C	0.082
rs3931036	G	0.1134
rs2002640	T	-0.0586
rs145767144	T	0.1814
rs17616300	G	-0.068
rs173474	A	-0.0659
rs142078611	G	0.2514
rs45599241	G	0.3651
rs116957626	A	0.221
rs72800564	G	0.1165
rs117606575	T	0.4764
rs77062788	A	0.221
rs1845855	A	-0.0544
rs1875941	C	-0.0714
rs17855121	C	-0.0771
rs139337054	T	-0.1143
rs11149808	T	-0.0571
rs142838338	A	-0.3842
rs1701111	G	0.0582

rs7200027	G	-0.077
rs112093224	A	0.0636
rs34248870	T	0.057
rs72789386	G	-0.1005
rs4843586	C	0.0548
rs28866501	T	0.1097
rs28757743	T	0.1258
rs241376	T	0.0574
rs117971134	G	-0.3905
rs62033642	A	0.1921
rs7190269	A	0.0574
rs140937465	A	-0.4063
rs62034408	G	-0.2147
rs117583475	T	-0.2824
rs17633346	A	-0.0999
rs6497986	T	0.0762
rs291042	A	0.0711
rs56207126	C	0.1012
rs11643640	C	0.0762
rs13338706	G	0.1013
rs36035351	T	0.0765
rs1902815	A	-0.0611
rs30126	T	0.1149
rs1420228	G	0.0766
rs4887926	T	-0.0534
rs3751753	A	0.0718
rs16960950	G	-0.0713
rs9922185	A	-0.0507
rs4076155	G	-0.0961
rs759323	T	-0.081
rs8049931	G	0.0585
rs36013478	T	0.3802
rs8062895	G	0.0556
rs10492839	T	-0.0937
rs111899846	A	-0.3729
rs117999573	A	-0.1481
rs149941417	A	0.2093
rs12924952	C	-0.0603
rs30240	A	0.0749
rs35677339	T	-0.2427
rs40147	A	-0.0581
rs74977702	A	0.322
rs12595955	G	-0.0638
rs171090	T	-0.1511
rs73576609	T	-0.0831
rs79541706	G	0.3158
rs7359361	T	0.1111

rs3743795	G	-0.0623
rs2689244	C	-0.0585
rs16949276	A	-0.0804
rs11076856	T	-0.0521
rs1110893	G	-0.0522
rs9935917	C	-0.0562
rs12930264	A	0.0681
rs7191005	G	-0.0486
rs76376361	G	0.0882
rs445862	C	-0.0507
rs11117229	T	0.0555
rs8063118	T	-0.0872
rs3096309	C	0.0668
rs4783368	C	0.0606
rs2397775	A	0.0802
rs12925125	G	0.0508
rs17696938	A	0.1388
rs1139897	A	-0.0575
rs3736377	T	-0.1535
rs138721301	C	0.3091
rs62044061	T	0.1078
rs16974049	C	0.0615
rs78284242	A	0.2578
rs3916698	C	-0.0602
rs9931710	A	-0.0592
rs2434865	G	0.0813
rs6564904	A	0.0516
rs11866169	A	-0.0699
rs17411006	T	-0.068
rs117123329	A	0.2636
rs9923009	G	-0.2751
rs4843399	G	0.1002
rs111599845	A	0.0796
rs299973	A	-0.1369
rs140105397	A	0.2657
rs148603263	C	-0.2292
rs12446461	T	0.051
rs62017676	A	-0.0575
rs4781024	A	-0.065
rs8055398	T	-0.0973
rs77535779	C	0.3312
rs9923820	A	-0.1033
rs75025260	C	-0.111
rs79202793	A	0.0793
rs1127133	C	0.0964
rs117193773	T	0.2774
rs2347567	A	-0.0483

rs16965999	A	-0.0905
rs78903779	C	0.1331
rs750516	A	-0.0664
rs12447439	A	0.0842
rs141787965	G	0.3094
rs3096414	G	0.049
rs111657053	C	-0.1051
rs2019249	A	-0.0473
rs2068355	G	-0.0731
rs75154037	T	0.1097
rs74461564	C	0.1554
rs196012	G	-0.0614
rs56146347	C	0.2146
rs1126145	A	-0.2587
rs55997116	C	0.0585
rs117436249	A	-0.2702
rs8046386	C	-0.0583
rs1684621	T	-0.0565
rs9939794	C	0.0469
rs76390674	A	0.1774
rs60492691	T	0.1809
rs117959699	C	0.0872
rs72763795	C	-0.168
rs139976822	A	0.0523
rs7499679	A	-0.0552
rs7193267	T	0.3083
rs2038128	T	-0.0767
rs43142	T	-0.0508
rs1713486	C	0.0857
rs7763	C	-0.0794
rs61098049	A	0.0736
rs72834723	T	0.1368
rs117667271	A	0.2292
rs12924092	A	0.0631
rs12449188	G	-0.0505
rs76830324	G	0.1686
rs7186325	A	0.1079
rs72802517	G	-0.0903
rs56109913	A	-0.3203
rs12927804	A	0.0911
rs145221094	T	-0.4146
rs4500748	G	-0.0582
rs72798514	T	-0.1127
rs2270843	G	-0.051
rs2098744	G	-0.0534
rs35951069	A	0.0701
rs289716	T	0.0513

rs1366658	A	-0.1074
rs117670070	T	0.1521
rs36063822	T	-0.0608
rs8046424	C	0.0536
rs147688930	A	0.145
rs35029439	T	-0.0642
rs2575388	T	-0.0727
rs11862871	G	0.0576
rs248829	G	0.0513
rs75786062	G	0.1314
rs71387152	T	-0.1825
rs9923767	G	0.0707
rs1423886	A	-0.0519
rs2541598	C	0.0752
rs60809043	G	-0.1004
rs140290238	T	-0.2256
rs9302863	T	-0.0708
rs11643741	G	0.047
rs11645728	A	0.0497
rs11558903	C	0.0905
rs140797214	T	-0.2805
rs4383128	G	0.1277
rs8054008	A	-0.0874
rs7196854	A	-0.0762
rs77764977	G	0.159
rs2011287	T	0.0537
rs75606626	A	0.1313
rs112863661	T	0.1982
rs56208392	G	-0.1048
rs117891757	T	0.1794
rs77417474	T	0.1752
rs74869698	A	-0.3436
rs72794646	A	-0.0736
rs12448926	G	0.0448
rs1009956	C	-0.0688
rs35042463	C	-0.0547
rs35886152	A	-0.1374
rs12930151	T	0.0487
rs16945930	T	-0.2582
rs115116665	A	-0.1364
rs72636272	C	0.0884
rs74405269	T	0.1337
rs55886111	T	-0.1022
rs16941783	T	-0.1017
rs62049896	C	0.0923
rs111463024	T	-0.2841
rs72798546	A	-0.0659

rs10500403	C	0.1579
rs35137323	T	0.0521
rs12598406	C	-0.1051
rs10514402	T	-0.2151
rs12933139	A	0.077
rs28688707	G	0.07
rs72783239	C	-0.0662
rs12447938	C	-0.0797
rs72815871	G	0.2674
rs143979412	A	-0.2215
rs78288030	G	0.1596
rs117682692	C	0.2014
rs8055791	C	-0.0475
rs74024796	T	0.1848
rs4433823	A	0.0829
rs11864795	T	-0.2716
rs12930385	A	0.1486
rs74577750	C	-0.2178
rs142892094	G	0.1626
rs4240782	G	0.0855
rs3859153	C	-0.0726
rs16948599	T	0.2466
rs62031750	C	-0.0867
rs62051025	T	-0.0609
rs4238935	C	0.0447
rs11649617	T	-0.0498
rs7403987	C	0.1068
rs6498409	T	0.1618
rs4888617	T	0.2808
rs80119098	G	0.1259
rs10871304	G	0.0569
rs9924670	G	-0.052
rs7203305	T	0.0515
rs7194238	T	0.0632
rs75503767	G	-0.1772
rs72795497	A	-0.076
rs300021	G	-0.0464
rs112711584	T	-0.1616
rs11150408	T	-0.0577
rs117108847	C	-0.2482
rs9935755	T	-0.0689
rs7204817	C	0.0477
rs2904347	G	0.0584
rs4785644	T	0.0539
rs4782677	G	-0.0439
rs146192907	G	0.2099
rs933561	G	-0.0461

rs76888401	G	-0.1094
rs112028581	G	0.1851
rs4888352	T	0.1013
rs4430718	A	-0.0574
rs17137364	G	-0.0827
rs10153156	G	0.0448
rs1471142	G	0.0946
rs28552961	T	0.1013
rs34540219	A	-0.0657
rs17212347	C	0.2151
rs7206055	C	-0.0918
rs12598415	G	0.2646
rs2914453	A	-0.0527
rs11642887	T	-0.0638
rs117305262	T	-0.1318
rs2345440	A	-0.0484
rs1971880	T	-0.0724
rs11863400	C	0.0507
rs4265793	T	0.1064
rs72481081	G	0.1306
rs117474799	T	0.2128
rs117849365	G	0.2175
rs72779663	A	0.071
rs60216234	A	0.0552
rs144649993	T	0.3044
rs111933452	A	-0.1576
rs11640509	G	-0.0482
rs34529746	C	0.0902
rs7204569	C	-0.0471
rs1073617	G	-0.0431
rs75763572	C	0.0801
rs146715959	A	-0.4319
rs6564054	C	0.044
rs62029963	T	-0.0789
rs77201668	G	0.1435
rs113719697	A	-0.2273
rs72786528	T	0.0888
rs117615199	G	-0.2062
rs75142433	T	-0.1098
rs407146	A	0.0446
rs116235638	A	-0.1112
rs11863601	A	0.0479
rs17694688	A	-0.0652
rs117033866	T	0.2396
rs28618260	A	-0.1474
rs8064188	C	-0.0697
rs3785383	A	0.0425

rs57766039	A	0.0578
rs13333858	G	0.2239
rs77313983	G	0.0662
rs7192724	G	0.0507
rs74702312	C	0.2306
rs75798522	A	-0.253
rs1155054	C	0.0466
rs1562107	T	0.0427
rs41280905	T	-0.0503
rs112706680	T	0.1279
rs77192186	A	-0.2706
rs72776415	A	-0.0603
rs1690429	T	-0.0842
rs74019905	A	0.1653
rs78651647	A	0.2541
rs1816595	C	0.0422
rs66476009	T	0.0634
rs9928727	T	-0.0622
rs4595799	C	-0.0546
rs113561891	T	0.1083
rs1974492	T	0.0621
rs72780914	A	0.1112
rs11858991	A	0.045
rs3812970	A	-0.0644
rs2369842	T	0.05
rs74354079	T	-0.3246
rs11643440	G	-0.0551
rs4017431	A	0.1887
rs16973771	C	-0.0444
rs11644709	T	-0.0606
rs9302437	C	-0.0618
rs12925134	A	0.053
rs75441601	C	0.1357
rs79605036	C	-0.1703
rs2029923	C	0.0425
rs117750022	A	0.1182
rs77008839	T	0.075
rs150713575	A	-0.316
rs74019283	T	0.1888
rs9635482	G	0.085
rs143621598	C	0.2618
rs34561641	T	0.2101
rs141790448	G	-0.3191
rs117530427	T	-0.104
rs612901	A	-0.307
rs229014	T	-0.0478
rs16970437	C	0.124

rs12922796	G	-0.0567
rs117563071	A	0.2804
rs80326958	G	0.2645
rs115837176	A	-0.1056
rs8055646	C	-0.0435
rs78703482	G	-0.17
rs17345313	C	-0.0449
rs55770507	A	0.3081
rs28651254	T	-0.0511
rs77328631	T	-0.1079
rs195992	C	-0.1004
rs75355115	A	0.1074
rs12444457	T	0.0444
rs450787	C	-0.049
rs4340321	C	0.0726
rs1731062	C	0.0502
rs116732890	A	0.1157
rs67335251	T	0.0864
rs1109290	G	0.0555
rs139638529	G	0.29
rs117210898	T	-0.2174
rs9928611	A	-0.0541
rs8062006	C	0.0724
rs62047866	T	-0.1141
rs45591839	A	0.1394
rs442619	C	-0.0424
rs11150484	C	-0.0594
rs4784655	C	0.0449
rs7404505	C	0.0601
rs77803639	G	0.1756
rs664637	C	0.0682
rs11859904	A	0.1882
rs4889411	T	-0.0687
rs12149660	A	-0.0654
rs75184227	T	0.2082
rs7201989	G	0.0499
rs2238455	A	-0.0426
rs9921849	T	-0.046
rs2017010	C	-0.055
rs4254322	G	0.0506
rs34595424	C	-0.1062
rs72816426	T	0.1839
rs4949156	G	-0.0464
rs11117235	G	0.0505
rs72761063	G	0.1401
rs11644336	T	-0.0429
rs34566488	A	-0.102

rs72824235	A	-0.0812
rs4786652	G	-0.0478
rs150083146	G	0.2633
rs112378035	T	-0.1286
rs145925094	A	-0.2174
rs117756119	A	0.1113
rs3785261	T	0.09
rs4787985	T	0.0455
rs8061648	T	-0.0436
rs117183989	A	-0.3388
rs2561033	C	0.0544
rs8058353	A	0.1144
rs4533311	T	-0.0739
rs62051072	A	-0.3114
rs74958492	C	0.3075
rs1062210	T	0.0407
rs41278144	A	-0.2213
rs9673361	C	0.063
rs79009379	C	-0.1164
rs205160	A	-0.0507
rs59468406	T	-0.2043
rs76888998	T	-0.1
rs7195834	A	0.0416
rs78394504	G	0.1602
rs118127254	A	-0.2469
rs117160484	G	-0.0713
rs72824930	G	0.2609
rs117821154	T	0.2347
rs1139565	T	-0.0493
rs494116	T	-0.0611
rs235799	C	-0.0509
rs17248492	C	0.1218
rs140148731	A	0.0804
rs112430802	A	-0.2005
rs112955816	T	-0.2811
rs56228312	T	0.0581
rs11865355	C	-0.0545
rs145445728	C	0.1376
rs1071644	T	0.0412
rs77206885	G	-0.094
rs560941	G	0.0404
rs7193566	T	-0.0437
rs62027195	G	0.0765
rs9935659	A	0.0527
rs3829507	T	-0.2286
rs56329348	A	0.161
rs112233725	C	0.1232

rs7198906	T	0.1542
rs1529496	T	0.0408
rs16953081	C	-0.0764
rs288647	G	0.1142
rs117796312	A	0.1751
rs12448076	A	0.1433
rs12923414	A	0.0613
rs282996	T	0.0407
rs12598149	C	-0.0784
rs28742230	C	0.0464
rs78192875	A	-0.156
rs2016521	G	-0.0474
rs13330325	G	-0.0454
rs6501176	T	0.0468
rs9931578	G	0.0461
rs34136914	T	-0.0761
rs74031967	G	0.066
rs76699460	T	0.1251
rs9932650	A	0.0657
rs1847844	T	-0.2412
rs3759982	C	0.0605
rs9925284	T	0.0462
rs11863559	T	0.104
rs78242037	T	0.055
rs76973855	G	0.2978
rs3096415	C	-0.0666
rs114453524	A	-0.1029
rs9925208	A	-0.0912
rs35265135	G	-0.0484
rs75063913	T	0.2017
rs117205966	G	-0.1424
rs113784988	G	-0.1348
rs548927	A	-0.0903
rs17859927	A	0.1663
rs10514410	C	0.0482
rs62052364	T	0.0966
rs4782641	T	-0.0556
rs116958602	T	-0.1538
rs7199388	G	0.0954
rs16940229	T	-0.0573
rs12600304	C	0.0417
rs60358915	T	0.0521
rs7200298	G	-0.0433
rs11642642	C	-0.0502
rs1592547	T	0.0392
rs28778981	C	0.1048
rs4787731	A	0.0443

rs8049549	C	0.0401
rs113193563	T	0.3107
rs62048234	A	-0.1901
rs1011938	A	-0.0461
rs72790280	T	0.1304
rs8047597	A	-0.0399
rs11643656	A	-0.0491
rs75362623	C	-0.1072
rs7198546	G	-0.0451
rs35213849	G	0.0621
rs62036874	T	0.0838
rs114559834	A	-0.3679
rs11648849	G	-0.0643
rs2911047	A	0.0764
rs62029677	C	-0.0501
rs4787958	C	-0.055
rs76429410	A	0.2017
rs72789205	A	0.064
rs1985776	C	0.0862
rs7191395	G	0.0451
rs17769245	G	-0.0467
rs11075138	G	0.0721
rs55896056	T	0.0721
rs9930794	T	-0.0486
rs246188	G	0.0712
rs78901835	G	0.0447
rs11862587	C	0.053
rs75868160	A	-0.1289
rs71387195	A	-0.0951
rs1684578	T	-0.0425
rs62036224	A	0.0429
rs75373663	T	-0.2641
rs12449192	G	-0.0431
rs8061386	T	-0.0547
rs80110284	G	0.2874
rs9936355	A	0.1854
rs72776569	G	-0.0643
rs2011668	C	-0.0434
rs72800277	T	-0.1512
rs59877022	T	0.172
rs3180279	G	0.0466
rs8052286	A	0.2049
rs7199190	G	-0.0995
rs140118079	T	0.2212
rs13332276	T	-0.0461
rs79837659	A	0.3158
rs35612586	T	0.2881

rs6498981	A	0.0451
rs12920392	G	0.063
rs9921461	C	-0.0712
rs196001	G	-0.0408
rs1079348	C	0.043
rs79912852	A	-0.077
rs8044340	G	0.0588
rs7190918	T	0.0816
rs117475606	C	0.1386
rs4888151	A	-0.0483
rs147532276	T	0.3698
rs2172065	T	0.0388
rs8055977	T	0.062
rs2883052	A	-0.0545
rs116990236	A	0.2595
rs72800416	A	0.0713
rs6499206	C	0.0504
rs113677885	C	-0.303
rs12933413	G	-0.1386
rs35760290	T	-0.044
rs11074789	A	0.0871
rs11642001	A	0.0496
rs72775655	G	0.104
rs72801265	C	0.1662
rs2908654	T	0.0526
rs4375681	T	-0.0525
rs2278052	T	-0.0917
rs34158555	A	0.161
rs9923706	C	-0.0418
rs78253604	C	0.2904
rs6500955	A	-0.0407
rs77735973	C	0.3709
rs79925106	T	0.1432
rs8049404	G	0.0453
rs77712586	G	0.2768
rs111987795	T	-0.1923
rs74903865	C	0.2409
rs2036800	T	-0.0408
rs72797382	A	0.1515
rs77840440	T	0.0617
rs58151657	A	0.0791
rs62035167	T	0.2282
rs56268866	T	0.2665
rs66744209	G	0.0466
rs79777749	A	0.0844
rs10153130	C	0.0973
rs74038226	C	-0.1082

rs34717903	T	-0.0487
rs35454747	T	0.0628
rs28671256	A	-0.0509
rs7195990	A	0.0423
rs16968223	T	0.1442
rs4468629	G	0.1967
rs117225182	G	0.2152
rs152736	G	-0.1517
rs118186690	C	-0.1466
rs117141441	G	-0.3738
rs116868526	T	0.1107
rs56064458	A	-0.0383
rs153050	T	-0.041
rs1386066	C	-0.0921
rs1730971	T	0.047
rs235996	A	-0.0554
rs1828518	C	0.0492
rs115473149	A	-0.1669
rs129988	A	-0.0713
rs249941	A	0.0661
rs62046245	C	-0.0959
rs75112002	G	0.1235
rs74671353	A	0.0985
rs80161537	T	-0.2077
rs116949665	C	-0.1585
rs10431967	G	0.0437
rs79138515	C	0.1226
rs72773536	G	-0.0442
rs72790150	A	-0.156
rs117807951	T	0.2021
rs12598288	A	-0.0378
rs11117361	A	0.056
rs11644330	G	0.085
rs149715055	A	-0.2435
rs8054999	A	0.0402
rs9926882	C	-0.1084
rs11075116	G	-0.0388
rs4438296	A	-0.0861
rs411327	A	-0.0816
rs7188763	C	-0.0401
rs79814466	A	0.2624
rs2193098	T	0.0486
rs7198829	G	-0.0392
rs183009	T	0.0821
rs145907329	A	0.3606
rs77681757	G	0.127
rs117367183	T	0.1405

rs16951056	C	0.0743
rs72766584	C	0.2185
rs4293378	C	0.0489
rs4784996	C	-0.046
rs9933256	G	0.046
rs12933704	C	0.0462
rs11641003	C	0.1013
rs77839660	G	-0.1582
rs4500754	A	-0.0687
rs237208	A	-0.0529
rs8056040	G	-0.0566
rs117042565	A	0.1029
rs17199756	T	-0.149
rs12926840	T	0.0534
rs148164310	G	-0.2236
rs72782098	A	0.1027
rs11642412	C	0.0412
rs113443718	A	-0.0423
rs146553313	A	0.1265
rs56229525	G	0.0573
rs11646101	A	0.0493
rs74834733	T	0.1936
rs270436	C	-0.0518
rs67509034	A	0.0957
rs72810185	G	0.0829
rs2897315	T	-0.0565
rs344364	A	0.0536
rs112049296	T	-0.1303
rs2010383	G	-0.0407
rs9922023	A	-0.043
rs4421994	A	-0.0869
rs7189350	C	0.0523
rs17668644	C	0.1427
rs7194997	A	0.0933
rs140588683	G	-0.1733
rs62068712	G	-0.0707
rs11644561	A	0.0712
rs11859733	C	0.0598
rs7199641	T	0.0919
rs4240787	A	-0.0391
rs34824516	C	0.1488
rs1018949	C	0.3071
rs12922750	T	0.0441
rs9922889	T	-0.1217
rs12922393	G	-0.1068
rs11862078	G	-0.0398
rs117159335	G	0.1407

rs8051200	T	0.0504
rs212067	G	-0.0845
rs890846	A	-0.0659
rs61747984	A	-0.0574
rs62044972	T	0.1555
rs802762	A	-0.053
rs35673018	G	-0.1277
rs7196177	A	0.0488
rs4131625	A	0.072
rs56160047	G	-0.0573
rs8052823	T	0.196
rs8044237	G	0.0654
rs11859731	G	-0.0683
rs142294076	A	0.0716
rs149808784	T	0.279
rs12445330	A	0.0677
rs280883	T	-0.1739
rs7199337	T	-0.0469
rs7190442	A	-0.2172
rs148916630	A	0.1961
rs4396517	T	-0.0728
rs78571963	G	0.0988
rs4016919	T	-0.0602
rs143880760	G	0.2862
rs9888980	G	0.0554
rs111967208	T	-0.2327
rs78468461	C	0.0866
rs75057745	T	0.091
rs12923226	A	0.0503
rs215891	A	0.198
rs7194046	G	-0.09
rs12925779	G	-0.0508
rs1834023	T	-0.1826
rs76532135	G	0.1209
rs8059231	T	-0.0375
rs889574	A	0.0401
rs139573016	T	0.1786
rs111911285	G	-0.1433
rs11248940	C	0.0478
rs11149846	G	-0.202
rs8055054	C	-0.0511
rs26870	A	-0.0392
rs1139564	T	0.0516
rs7194889	T	-0.0431
rs11649653	G	0.0407
rs145324600	T	-0.1856
rs74918514	T	-0.1016

rs6499643	C	0.0631
rs12932484	T	0.0553
rs117264025	C	-0.1294
rs147578732	A	-0.2554
rs117642407	A	-0.2607
rs142359748	T	-0.1992
rs75545395	G	0.1783
rs111500388	A	-0.1671
rs62054757	C	0.0598
rs35146603	T	-0.0798
rs145033655	G	0.1297
rs2550564	G	-0.1169
rs77076281	G	0.0661
rs1609847	C	0.0392
rs78419871	T	-0.271
rs1834072	T	0.0385
rs78931180	A	-0.0969
rs146470254	C	0.1474
rs152657	C	-0.0539
rs12919747	T	-0.0441
rs78731084	A	-0.0998
rs72788988	T	0.1258
rs148154521	A	0.1511
rs1012075	G	-0.0414
rs117841824	G	-0.2434
rs555812	G	0.048
rs78354760	G	0.1809
rs8062449	A	0.1201
rs6540259	T	-0.0718
rs153032	A	0.0688
rs9940488	T	0.0713
rs55666769	T	-0.0718
rs61163132	C	-0.0945
rs11641230	G	-0.0424
rs4888966	G	-0.1307
rs7198274	C	-0.0932
rs79422663	T	0.155
rs12935562	G	0.1165
rs75240993	C	-0.1914
rs147589647	T	-0.1111
rs9939948	T	-0.0585
rs71374905	G	0.187
rs4985058	C	0.1018
rs140843918	G	0.1525
rs80112345	G	-0.0596
rs74502259	T	0.107
rs8044720	G	0.0756

rs4968029	T	0.1765
rs1651001	T	0.1054
rs78033801	A	-0.0924
rs79283389	T	-0.1211
rs142230029	A	-0.2488
rs173839	C	0.0391
rs76643293	A	-0.1261
rs9935882	T	0.0617
rs7189853	G	0.0675
rs12325409	G	-0.0821
rs12935645	C	0.0598
rs7501417	A	-0.047
rs2003583	T	-0.0467
rs77988280	A	-0.1348
rs72622281	T	0.2027
rs1029966	C	-0.0548
rs78791475	T	-0.2115
rs2903233	C	0.0957
rs34782316	C	-0.1071
rs247819	T	0.068
rs112456687	T	0.1911
rs12444883	T	0.0524
rs1128432	T	-0.0458
rs76092969	G	-0.1971
rs74613568	A	-0.1167
rs6500568	A	0.0439
rs77573303	A	-0.1779
rs4788426	G	0.0372
rs9932192	T	-0.0597
rs76311751	A	-0.1665
rs962929	T	-0.037
rs7184656	G	0.0458
rs147286407	C	0.3057
rs233177	G	-0.0436
rs2967337	G	0.0529
rs11150582	C	-0.0991
rs2870146	T	0.042
rs4238911	A	-0.0669
rs7188285	A	-0.0882
rs2647988	G	-0.0392
rs117069901	C	0.1605
rs3859052	C	0.172
rs3851729	C	-0.0374
rs35427954	C	-0.0726
rs78709419	T	0.2014
rs62053115	T	-0.2641
rs72773724	T	-0.2279

rs1436050	T	0.0377
rs59900658	A	-0.0819
rs11861784	G	0.0684
rs72806154	C	-0.1383
rs876592	C	-0.066
rs75411985	A	0.1049
rs113034914	G	0.1958
rs12924002	A	0.0532
rs143608994	T	0.0913
rs77396851	G	-0.1365
rs150486727	T	0.2249
rs79525314	G	0.1044
rs11074645	G	0.0383
rs12919936	G	-0.0427
rs3902078	G	0.1765
rs4783597	T	-0.0674
rs76977517	T	-0.1779
rs78641696	T	-0.2442
rs4444329	G	0.0808
rs12448116	C	-0.1698
rs8045342	T	-0.068
rs74627916	T	0.1042
rs111900538	A	-0.0445
rs9930339	A	0.1115
rs9929832	T	-0.0392
rs11641361	C	0.0443
rs1659493	C	-0.0384
rs12447309	A	-0.0409
rs2911305	C	0.0507
rs10852562	T	-0.0428
rs141530281	G	0.2552
rs116408797	A	0.1333
rs2541675	A	0.0427
rs118046956	C	-0.1789
rs58124292	A	-0.0483
rs72800757	A	-0.0647
rs139319931	A	-0.1697
rs8058830	T	0.2561
rs12443849	G	-0.0573
rs66470159	G	-0.0599
rs2966843	A	-0.0543
rs7199654	C	-0.1757
rs16964499	C	0.0918
rs13331657	A	-0.0483
rs889488	G	0.048
rs11075221	C	-0.0779
rs72776810	C	0.15

rs72811734	G	0.0724
rs9308339	C	-0.0905
rs7189799	C	-0.0364
rs4889568	T	-0.1416
rs117768652	T	-0.2561
rs13333056	T	0.0661
rs73524325	A	0.1869
rs17338091	T	-0.0763
rs116934757	C	0.1615
rs11641731	A	0.063
rs113761075	C	-0.1209
rs146845916	T	-0.2919
rs4786107	C	-0.0392
rs76662748	A	0.1163
rs117230138	T	0.1833
rs4787746	C	0.0445
rs73606816	G	-0.0819
rs28408837	C	0.1002
rs113968734	A	-0.0514
rs72800903	A	-0.0392
rs9937879	A	-0.046
rs4843401	T	0.0377
rs2345131	G	0.043
rs4888767	C	-0.0657
rs56105726	G	0.0591
rs9928601	C	-0.0824
rs79202144	G	-0.2994
rs149227	C	0.0753
rs117706547	T	0.2038
rs4565	G	-0.0382
rs9937257	A	0.0446
rs2356739	G	-0.0431
rs9939380	G	0.0423
rs28699975	A	0.1707
rs982784	A	-0.0561
rs116915212	T	0.1764
rs4782574	C	0.0528
rs9924471	A	-0.0465
rs4784834	G	0.0399
rs12929322	G	-0.1726
rs143548309	G	0.2238
rs7206408	C	-0.0378
rs8044808	C	-0.0445
rs28403558	A	0.0961
rs12933152	A	0.0502
rs116883801	T	-0.1677
rs4337299	A	0.0817

rs11649062	T	0.0397
rs3794684	A	-0.0358
rs204028	C	-0.0464
rs2344151	C	0.0396
rs8050912	T	0.0384
rs73507961	C	-0.0529
rs116648635	C	-0.1531
rs390980	G	0.0351
rs4887952	A	0.0442
rs12103110	C	-0.0353
rs57132529	G	-0.0567
rs2544628	A	0.0737
rs150237070	C	-0.1682
rs76798425	T	-0.0947
rs138374829	G	-0.1507
rs72788682	C	0.1221
rs1433157	C	0.0395
rs7191880	A	0.0539
rs71404022	G	-0.069
rs13332748	G	0.0404
rs117699573	G	0.1188
rs271013	T	-0.0391
rs79171950	G	0.1193
rs4889165	C	0.0888
rs11077308	G	0.0475
rs4787243	G	-0.0464
rs3752435	G	0.1012
rs57974014	A	0.0777
rs918723	C	0.1993
rs76948437	C	0.1269
rs11861415	G	-0.0379
rs147735718	A	-0.2485
rs74531323	G	0.1124
rs58999333	G	0.0453
rs4260044	A	-0.036
rs112203796	G	0.0955
rs9635493	G	-0.0364
rs289709	G	-0.0365
rs145205608	C	-0.1784
rs976201	A	-0.152
rs79797437	T	-0.0761
rs2625428	G	0.0923
rs4783025	C	-0.0623
rs2072587	A	-0.117
rs114776028	A	0.1207
rs4888831	C	-0.0396
rs219600	G	0.1109

rs4787169	A	-0.0645
rs140059522	T	0.1785
rs62038750	T	0.0451
rs13335676	A	0.0693
rs12716993	A	-0.0635
rs62033372	T	0.0361
rs62048133	C	0.0546
rs366929	G	-0.0363
rs6498757	G	0.0517
rs4843789	T	-0.0504
rs11075273	T	-0.039
rs12446823	T	-0.0583
rs4243208	T	-0.0425
rs7197668	T	-0.0693
rs117618632	C	0.0832
rs35503340	A	-0.0619
rs4843534	A	-0.0374
rs79711283	G	-0.0989
rs12149769	T	0.0598
rs75338298	C	0.1254
rs8051784	G	0.1252
rs12931307	T	-0.0389
rs11646672	C	0.0526
rs1273415	T	0.1816
rs7195308	A	-0.1661
rs55987136	C	0.1902
rs233542	G	0.0392
rs8062610	G	-0.0459
rs153794	G	0.0369
rs8054909	T	-0.0709
rs8046196	G	0.0357
rs34316879	A	-0.0872
rs10438627	A	-0.0399
rs12448365	T	0.0384
rs56017145	G	0.0779
rs71388374	G	-0.0526
rs12443651	C	0.0401
rs57613349	G	-0.0345
rs12708902	G	0.0409
rs244792	C	0.0813
rs117233183	T	0.1325
rs143691340	T	0.209
rs118155214	C	0.1441
rs75613292	T	-0.0989
rs79866383	C	0.2487
rs382077	G	-0.0418
rs2647997	T	0.0585

rs12931673	T	0.069
rs74791040	C	0.0937
rs13339414	A	0.075
rs10852506	C	-0.0345
rs4889010	G	-0.0822
rs62031961	T	0.2837
rs35668435	C	0.0532
rs16961293	T	0.1123
rs9934292	T	0.0678
rs34580187	G	-0.0646
rs10514528	C	0.0407
rs9944361	A	-0.0343
rs16941859	G	-0.0652
rs56288226	A	0.1871
rs4967873	A	-0.0392
rs147784626	G	0.1404
rs9922472	T	-0.1237
rs7195206	A	0.0537
rs34003714	C	-0.0808
rs8045775	C	-0.0357
rs7193109	G	-0.0367
rs112955749	A	0.1644
rs8045139	A	0.0449
rs112869911	A	0.1939
rs8049156	C	-0.0402
rs56266350	T	0.1551
rs28655022	C	0.096
rs7188098	T	0.071
rs9940803	C	0.04
rs138799424	C	0.1057
rs11646593	C	0.059
rs6500918	G	-0.0409
rs8063357	T	-0.1035
rs10863169	T	-0.0747
rs3096426	T	0.0352
rs72797400	G	0.1567
rs2042402	G	0.0353
rs243840	G	0.0436
rs7199179	G	0.0359
rs4888749	C	-0.0367
rs6416641	T	0.0349
rs113169729	A	-0.1942
rs35467854	G	0.0563
rs76750340	G	0.2455
rs62039990	A	-0.0488
rs7201962	G	-0.0406
rs72778608	T	0.1256

rs385518	A	-0.0574
rs4888877	T	-0.2208
rs117606263	A	0.1253
rs116542849	G	-0.1041
rs4284636	G	0.0474
rs112831577	A	0.213
rs148797335	G	0.1399
rs602651	A	-0.0348
rs79276345	A	-0.1739
rs116936021	T	0.3212
rs78190611	T	-0.1994
rs11649428	T	0.0401
rs889510	G	0.1131
rs9935381	G	-0.1386
rs77394452	A	-0.2299
rs4843483	A	-0.0776
rs4558437	G	0.0447
rs117549391	C	0.1238
rs72794089	T	-0.1579
rs72797436	T	0.0571
rs34115176	C	-0.0423
rs73497697	C	0.113
rs72783491	T	0.1727
rs16963276	A	0.2326
rs30414	C	-0.0961
rs234279	T	-0.0376
rs79360255	G	-0.1781
rs2239305	A	-0.0403
rs12921195	A	0.1237
rs17681520	G	0.1527
rs117979936	T	0.1318
rs1076572	A	0.0511
rs11644623	G	-0.0355
rs1004867	A	-0.0437
rs118132698	A	0.1575
rs77981494	C	0.1699
rs12926685	C	-0.036
rs12599233	T	0.0579
rs79020028	A	-0.2197
rs2258700	C	-0.0559
rs7187055	C	0.0493
rs12444493	C	0.1258
rs12448361	A	0.0421
rs12596450	T	0.043
rs80237434	G	-0.1716
rs5883	T	0.0787
rs113699477	T	0.0541

rs146296290	G	-0.2857
rs881562	G	-0.0374
rs8045680	A	0.0565
rs2923137	G	0.0634
rs58825105	C	-0.1862
rs12923574	T	-0.1807
rs75160682	C	0.1701
rs111559096	A	-0.0763
rs72795149	A	0.1605
rs2270256	T	0.0347
rs12934920	G	0.1206
rs9929317	T	0.0556
rs4785367	T	-0.035
rs9927884	T	0.0529
rs34291902	A	0.055
rs7500655	C	0.0398
rs79786625	G	-0.0669
rs16964792	T	0.07
rs11555907	T	0.0413
rs1436117	C	-0.1546
rs891056	A	0.0889
rs1058967	C	0.0355
rs112250250	A	-0.06
rs963999	G	-0.0365
rs117479788	G	-0.1805
rs75740027	C	0.1141
rs78174881	T	0.1451
rs9931684	G	0.1188
rs76169029	T	0.1656
rs17474196	G	-0.0495
rs80157344	G	0.2446
rs1078465	A	0.0475
rs9929174	G	0.0388
rs72780754	G	-0.0936
rs142265941	A	-0.1633
rs2241032	A	0.0657
rs7201617	C	-0.0781
rs113817676	A	0.1736
rs76118802	A	0.1015
rs8044056	G	-0.0804
rs8047616	T	-0.2031
rs72791543	C	0.0448
rs10514553	G	0.1909
rs73628707	C	0.1805
rs28591572	G	0.0623
rs233560	T	0.0356
rs142947029	G	-0.2164

rs16947641	C	-0.1282
rs431820	A	-0.0415
rs6564749	T	-0.1086
rs12930986	C	0.0368
rs79266273	A	0.281
rs114996600	A	0.2745
rs113919609	C	0.2752
rs34537105	T	0.0625
rs2081271	C	0.0379
rs149683847	C	-0.0868
rs8043874	T	-0.0693
rs77877720	T	-0.1377
rs16968480	A	0.038
rs8048990	C	-0.0365
rs11641659	G	0.0386
rs72778696	C	0.1658
rs61183042	T	0.0754
rs1065832	T	-0.0418
rs12595894	T	-0.0855
rs198156	T	0.0464
rs116865693	A	-0.1789
rs7198615	A	-0.0641
rs7186277	G	-0.2401
rs17880377	T	-0.1451
rs68008053	C	-0.0773
rs9935302	G	0.0366
rs111278227	T	-0.1551
rs16941200	T	0.0841
rs62034240	T	-0.0478
rs79299652	A	0.1078
rs78889395	T	-0.1252
rs4073722	T	-0.0743
rs79589654	A	0.1669
rs71390339	A	-0.0478
rs7194279	T	-0.1331
rs77675321	A	-0.1082
rs1110268	C	0.0493
rs77102042	T	-0.0762
rs62048425	C	0.1941
rs145439264	T	0.317
rs12926449	C	0.0828
rs143789212	T	0.1354
rs3803645	C	-0.0851
rs9931067	A	-0.1306
rs36077290	G	0.096
rs75865815	A	-0.1603
rs1420676	C	-0.0337

rs780161	T	-0.0537
rs117544769	A	0.1184
rs79274759	C	-0.1289
rs9989365	T	0.0376
rs11643717	A	0.0454
rs8059645	T	-0.035
rs7201063	G	-0.0345
rs55745137	C	0.1632
rs113344218	G	0.0811
rs112940615	A	-0.177
rs111332953	T	-0.1231
rs117485150	A	-0.2618
rs3785380	A	0.1204
rs9941143	T	0.0942
rs9937757	A	0.0425
rs78162647	A	-0.074
rs33977706	A	-0.0378
rs117319560	C	-0.0636
rs45540935	A	-0.0566
rs149427956	G	-0.1754
rs8052916	T	-0.033
rs34074350	T	0.0482
rs146646441	A	0.1543
rs12598091	G	0.0512
rs8063013	C	0.0553
rs9928989	T	0.034
rs9935514	T	-0.1256
rs4786936	C	0.0377
rs8045510	C	0.1051
rs75367350	G	-0.0588
rs147322585	T	0.1148
rs1604953	G	-0.0423
rs12447686	T	-0.0414
rs113062367	C	-0.1183
rs1548925	C	-0.0374
rs34798481	A	0.0547
rs28455476	T	0.1607
rs153090	A	0.038
rs111443495	G	0.2155
rs111279855	C	0.1036
rs750166	T	0.0595
rs76814503	C	0.0763
rs9922324	A	0.0707
rs178400	C	0.0403
rs78426691	T	-0.1251
rs7202895	G	-0.0964
rs36122340	C	0.0955

rs212082	G	-0.0421
rs75817718	A	-0.182
rs76530296	A	0.2011
rs78290845	G	0.0555
rs4788115	A	0.0608
rs78383019	A	0.0808
rs4567700	T	-0.1373
rs2279408	G	0.0419
rs28765981	T	-0.0654
rs77339989	T	-0.1682
rs3764299	C	0.0412
rs56141137	T	0.1597
rs8049638	T	-0.1148
rs113112794	A	-0.1065
rs57570380	T	-0.0863
rs62052423	T	0.0362
rs117609440	T	-0.1095
rs9924369	G	-0.0414
rs12445635	G	0.0378
rs74764506	A	0.1814
rs62053193	A	-0.0675
rs11640578	G	0.1305
rs76384263	T	-0.1534
rs7205144	T	0.0896
rs113002440	T	0.1543
rs17276523	C	0.1458
rs72803276	T	-0.0957
rs72774570	T	0.1187
rs7193031	G	-0.0344
rs12927603	A	-0.1189
rs4264410	C	-0.0764
rs118041719	A	0.1996
rs117548180	A	0.2439
rs138642423	G	0.1495
rs739581	A	0.0337
rs8046437	C	0.0345
rs11465497	T	0.0987
rs142947386	A	0.2057
rs72779836	T	0.0942
rs2938718	A	-0.042
rs305086	A	0.0611
rs3764293	T	0.033
rs6564553	A	-0.1628
rs77846868	G	-0.0877
rs141957540	A	-0.1417
rs142475956	T	0.1325
rs9925855	A	0.1061

rs16975072	T	0.1132
rs55675932	A	0.1219
rs112612688	C	0.1373
rs76710433	T	0.1792
rs1391348	T	0.045
rs7201008	T	-0.0351
rs12920783	C	0.0382
rs71403855	G	0.1304
rs80151246	T	0.0952
rs117552433	A	-0.1589
rs35852446	A	0.0494
rs7206074	G	0.0427
rs62033591	C	0.1952
rs12443553	A	-0.0679
rs112291875	T	0.1209
rs8049795	T	0.0338
rs56037832	T	0.0465
rs17241760	A	-0.0353
rs77881911	G	-0.064
rs12932068	G	-0.0335
rs113595906	G	0.1919
rs7203086	T	-0.0353
rs77858800	A	0.0527
rs7187377	T	0.0371
rs59552315	A	0.2084
rs117444088	C	0.0976
rs17680354	G	0.1053
rs56069754	A	0.0371
rs74869990	A	0.1176
rs62038901	T	-0.1848
rs56178741	C	-0.0774
rs12925931	T	0.0348
rs74009093	T	0.1381
rs74491673	G	0.1809
rs1231098	G	-0.0716
rs2923143	A	0.0389
rs8045584	G	-0.0605
rs117650272	A	-0.2122
rs8044018	A	0.0343
rs7205540	C	0.2036
rs77446194	G	0.0665
rs9934475	A	0.0325
rs11644537	C	-0.043
rs57646953	G	0.0962
rs42197	T	0.0369
rs138649553	A	0.1604
rs150077	T	-0.0392

rs77369333	T	-0.1908
rs118047758	G	-0.0997
rs1541555	A	-0.044
rs11863558	G	0.0594
rs3848286	A	-0.1932
rs9929614	G	0.0622
rs12445450	T	0.051
rs117843153	C	0.0681
rs28548414	T	-0.039
rs4888619	T	0.0378
rs2534763	T	0.0372
rs116555315	C	-0.0866
rs17730711	G	-0.0344
rs10514432	G	0.0444
rs17682835	T	-0.1776
rs141668450	G	-0.1478
rs8044151	A	0.0519
rs276981	A	0.0345
rs951925	A	0.123
rs2908873	T	-0.0421
rs111640544	G	0.1479
rs118118936	A	0.0829
rs118031121	A	0.103
rs112132304	T	-0.0682
rs8052279	G	0.0571
rs17773540	T	-0.0904
rs6497981	A	0.0331
rs117235507	C	-0.1963
rs2019604	G	0.0445
rs6500249	A	0.0376
rs72483446	T	0.107
rs55972806	T	-0.0848
rs16943885	C	0.137
rs79600205	G	-0.1957
rs77188097	A	-0.0469
rs7189692	C	-0.0366
rs57130516	C	-0.2947
rs9922607	T	0.0406
rs3849248	A	0.0321
rs16962776	C	-0.1625
rs74009104	A	-0.0899
rs55919245	C	0.1451
rs208570	A	-0.0567
rs79387700	T	-0.1451
rs11648354	G	-0.0594
rs17686420	T	0.2961
rs1872686	C	0.0641

rs35952736	G	0.0476
rs144160773	C	0.1506
rs4786448	G	-0.0624
rs72774792	A	-0.0631
rs74391137	C	0.1378
rs750739	G	-0.0536
rs2641898	C	-0.04
rs12448216	C	0.0834
rs4641738	G	0.0342
rs77574320	T	-0.1777
rs11639570	C	-0.0371
rs16952623	C	0.0495
rs12597064	G	0.0359
rs3112650	C	0.0384
rs147718730	G	0.1399
rs2967855	G	-0.0436
rs75017503	G	0.2473
rs9933632	T	0.0386
rs74657250	A	0.1481
rs62060164	A	0.0442
rs139053518	T	0.2042
rs145510859	A	0.1475
rs9922261	C	-0.0779
rs149092184	T	0.0635
rs147801483	G	0.1978
rs1568389	T	-0.0338
rs8049722	A	0.049
rs78053652	C	0.0999
rs12597888	G	0.0484
rs117940370	T	-0.1352
rs116954754	A	-0.2582
rs117455984	A	0.1407
rs419722	T	-0.0339
rs7197991	G	0.0415
rs8044259	G	-0.033
rs16946029	A	-0.0342
rs12921798	A	-0.0715
rs3103627	T	0.0382
rs1728393	T	0.0425
rs78871303	G	0.088
rs56138315	T	0.1254
rs76904318	G	-0.0875
rs8052566	T	-0.0406
rs17790434	T	-0.0403
rs74029929	G	-0.0858
rs1366521	T	-0.0393
rs152745	A	-0.0336

rs112259566	A	0.1522
rs4122231	T	0.0816
rs4843875	T	-0.0552
rs7189514	C	0.1178
rs729430	C	-0.0363
rs9921180	C	0.0415
rs80256547	T	0.1052
rs12597696	G	-0.033
rs11640308	G	0.0516
rs79147159	A	-0.1413
rs150990265	T	-0.1109
rs3862476	C	0.0737
rs143366325	A	-0.1748
rs12444680	G	-0.113
rs12931857	G	0.0411
rs80138482	C	-0.1859
rs139376654	G	-0.1976
rs148093800	A	0.1531
rs9806981	G	-0.0393
rs35787926	A	0.2546
rs4312321	T	0.0592
rs11077090	G	-0.0526
rs77075791	C	0.2319
rs75464742	A	0.1238
rs72798716	C	0.1402
rs34628943	A	0.1588
rs75896968	G	0.1045
rs138780091	C	0.152
rs77909259	G	0.1538
rs3105688	A	0.0317
rs75733148	A	-0.098
rs11866714	T	0.0484
rs9930478	C	0.0422
rs141995922	C	0.1282
rs16952517	A	0.0753
rs143992901	A	0.1988
rs80063661	T	-0.1586
rs117328627	A	0.1052
rs10048098	G	-0.0458
rs78150346	C	-0.1266
rs7202597	T	0.0459
rs2315510	T	0.0539
rs78530389	A	-0.159
rs4605180	T	-0.0392
rs77995020	A	0.0986
rs12930439	T	-0.061
rs140949681	T	0.1666

rs76434416	T	-0.049
rs75000022	G	0.0978
rs79896560	G	0.1316
rs148102937	T	-0.1633
rs8051180	T	0.0316
rs4786039	A	-0.0325
rs57793127	G	-0.109
rs143846722	T	-0.2266
rs733616	G	0.0357
rs2562109	C	-0.0451
rs9925734	A	-0.0508
rs113695036	T	0.275
rs11645410	C	0.0345
rs142590936	A	-0.1746
rs79035621	C	-0.1269
rs4238948	G	0.0334
rs3759984	C	0.0364
rs1861527	T	-0.0347
rs748552	T	-0.0329
rs35967259	A	0.1497
rs11648508	G	0.0353
rs3784945	G	0.1006
rs144737652	G	-0.2092
rs11643253	T	-0.0482
rs72797618	C	-0.0415
rs2352952	T	0.0373
rs142983211	G	-0.1404
rs144247868	A	-0.1582
rs215034	C	-0.0369
rs6564177	C	-0.0391
rs72806398	A	0.1404
rs4325575	C	-0.0365
rs72818498	A	-0.0717
rs114823418	C	0.1813
rs149780314	T	0.1134
rs147895248	C	-0.1382
rs62032190	C	-0.0493
rs17657399	C	0.0467
rs6564915	T	0.0477
rs6499096	A	-0.0309
rs12600115	C	0.1021
rs1077970	A	0.033
rs4888196	A	0.0419
rs4627344	G	0.0895
rs11864654	C	0.0633
rs28437085	T	0.1372
rs17198722	T	0.0473

rs143646981	C	0.1812
rs117044159	C	-0.2049
rs59321904	G	0.0528
rs11644635	T	-0.0374
rs111861589	T	0.2304
rs74016545	T	0.2279
rs34009001	T	0.0369
rs117577302	G	0.1114
rs72788369	T	0.2132
rs117536890	C	0.1307
rs57178794	G	-0.1168
rs889779	G	-0.1279
rs9924404	C	-0.0643
rs7197253	A	0.0646
rs12596698	T	-0.0963
rs78788633	A	0.0553
rs148528913	G	-0.1507
rs57524590	G	0.0519
rs74020549	T	0.1366
rs11866322	C	0.035
rs2550363	T	0.0373
rs4416033	G	0.0983
rs117146915	A	0.1671
rs11643345	A	-0.057
rs4781566	T	-0.0947
rs4148363	C	0.0414
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rs6498991	A	0.1637
rs13332999	C	-0.0469
rs72783314	T	0.0405
rs7193733	G	-0.0322
rs34397362	C	-0.0846
rs4787759	G	-0.1541
rs11866507	A	-0.0318
rs11639933	T	0.0455
rs60466599	G	0.1114
rs2028	G	0.053
rs80027158	C	0.0936
rs146070248	A	0.1409
rs9937062	C	0.0364
rs56723413	A	-0.0444
rs8046650	T	-0.054
rs74704709	T	0.1766
rs12918987	T	0.0329
rs73252705	A	-0.0524
rs16948286	A	0.0492
rs72789768	C	0.0709

rs9932394	A	0.0377
rs72794923	A	0.1327
rs111813229	T	0.1156
rs1364152	T	-0.0323
rs284964	A	0.0427
rs79702534	T	-0.1529
rs4786182	A	0.0335
rs62046630	T	-0.0401
rs118003520	G	0.1262
rs146225072	A	-0.1742
rs4243125	T	0.0328
rs6565104	G	0.0409
rs2238436	T	0.0361
rs16959623	T	0.0593
rs74638071	T	-0.1551
rs163273	C	-0.0535
rs118101021	T	0.1389
rs72776180	T	0.1362
rs12917826	T	-0.0504
rs55822382	G	-0.068
rs1131933	T	0.0339
rs146268299	G	0.1499
rs112386182	T	-0.2004
rs74535306	A	-0.1343
rs17429195	A	-0.0463
rs11866369	C	0.0356
rs1566885	C	-0.0366
rs16961749	C	-0.0351
rs11076680	A	-0.0348
rs62043285	G	-0.0957
rs4255770	T	0.0322
rs2298847	A	-0.053
rs5029090	A	0.0419
rs77053769	G	0.1967
rs4782873	T	-0.0335
rs1560250	C	-0.0322
rs8053693	T	-0.0537
rs36511	C	0.0652
rs140326470	C	-0.1898
rs216153	C	-0.0604
rs75488540	C	-0.0703
rs719952	A	0.0616
rs142528348	C	0.2391
rs2881689	G	-0.0346
rs118099326	A	0.2835
rs6564695	C	-0.0499
rs385237	A	0.031

rs8182155	G	-0.0755
rs17378109	G	0.0644
rs34463162	A	-0.0623
rs117503929	A	-0.1974
rs17763532	A	0.0362
rs62042613	T	0.0463
rs72626166	G	-0.102
rs9302830	G	0.063
rs8054105	G	-0.0355
rs78948008	T	-0.093
rs751979	G	0.0336
rs1017314	T	0.0733
rs114570049	A	0.1927
rs116894290	A	-0.118
rs75289134	C	0.2777
rs2549151	G	0.0319
rs62041774	A	-0.0846
rs3815584	T	-0.0423
rs117210582	A	0.0801
rs146199257	C	0.1946
rs7184208	C	-0.0541
rs140900779	G	0.1649
rs1012273	A	-0.0323
rs57865154	G	0.0466
rs9940558	T	0.0407
rs118014211	A	-0.1199
rs34676698	A	-0.1573
rs1437112	T	-0.1777
rs11647753	A	0.0324
rs12444055	G	0.0748
rs244883	T	0.036
rs2738713	C	0.0366
rs112928354	C	0.1052
rs8043987	C	-0.0549
rs111801732	T	0.0995
rs141155381	C	0.2637
rs7190139	T	0.0314
rs72784138	A	-0.0986
rs117367706	T	0.3368
rs4079379	C	0.0454
rs4889294	C	0.0319
rs76630793	C	-0.1268
rs11646446	G	0.1132
rs73565833	T	0.1164
rs8058000	T	-0.033
rs12149077	G	-0.0435
rs1076255	G	0.0673

rs276982	G	0.1603
rs137971731	T	0.1835
rs72802134	A	0.1574
rs7190386	C	-0.0309
rs72810343	T	0.0712
rs61408858	G	-0.0361
rs7197197	G	-0.0337
rs1094980	C	-0.0306
rs1437198	A	0.1102
rs4530133	A	0.0431
rs12447028	C	0.0777
rs35049517	A	-0.2307
rs28756318	G	0.1027
rs406363	T	0.0952
rs58451246	G	0.0772
rs58026476	G	0.0552
rs12929343	G	-0.042
rs77176073	A	0.2206
rs1345312	G	-0.031
rs117616258	T	0.1129
rs146112168	G	-0.1973
rs72783525	A	0.0743
rs111855262	T	-0.0762
rs11077101	T	-0.0326
rs141218664	C	0.1592
rs8047255	T	0.0433
rs149395859	C	0.1662
rs72778969	G	-0.046
rs7189700	A	-0.0483
rs62013472	C	0.1897
rs114461508	T	0.1033
rs79999976	C	-0.1068
rs166011	A	-0.0308
rs117873985	A	-0.1861
rs13306665	C	0.1261
rs13339586	G	-0.0308
rs9934761	G	-0.0551
rs75514860	G	0.1281
rs11076406	A	0.1011
rs224199	T	0.0662
rs35089339	A	0.0657
rs78562826	G	-0.0619
rs12445420	A	0.0412
rs3891920	C	0.0507
rs12933790	G	0.041
rs75567824	T	-0.118
rs12444291	C	-0.0373

rs56086350	A	-0.0663
rs78395209	A	0.1391
rs7184995	C	0.0436
rs11647700	T	-0.0645
rs118109329	T	0.1541
rs923871	A	-0.0368
rs12918413	T	-0.0364
rs12149177	C	-0.0335
rs72762909	T	-0.0789
rs77648390	A	-0.0773
rs111258114	A	0.0954
rs112437424	A	0.0796
rs11644690	G	0.2222
rs117105655	G	0.1099
rs7190898	T	0.0429
rs28379217	C	0.0575
rs73585611	A	-0.1127
rs2911290	T	0.1098
rs12599111	A	0.0416
rs117320245	C	-0.1266
rs117654189	T	-0.107
rs10871288	A	-0.0365
rs4553626	C	0.1391
rs117978924	C	0.2382
rs72769909	T	-0.057
rs7500399	C	-0.0377
rs9646285	C	0.2213
rs62042989	A	0.052
rs12051154	G	-0.2254
rs74030209	T	0.1636
rs9921318	T	-0.0349
rs62036113	C	0.0933
rs9932213	C	0.0974
rs12599599	A	-0.1168
rs62036081	C	0.1982
rs4784867	G	-0.0302
rs11149598	A	-0.0423
rs3785272	A	0.039
rs4785833	C	-0.0307
rs1420546	C	-0.0326
rs11649423	G	-0.031
rs117380470	T	-0.1048
rs72784085	G	0.1215
rs78440534	G	0.0855
rs372197	A	0.0304
rs79469322	G	-0.1523
rs2040795	C	0.0373

rs77801921	A	0.0571
rs8049038	C	0.0626
rs28454865	A	-0.0459
rs6499091	T	-0.0308
rs9927857	C	0.0307
rs148281175	A	0.1589
rs55917861	A	0.2167
rs72788169	T	-0.0813
rs9934672	T	0.0365
rs146930702	A	-0.1382
rs4787384	G	0.0604
rs17210738	C	-0.0937
rs3759953	C	-0.0536
rs249296	C	-0.0494
rs6499543	G	-0.0408
rs4641752	G	-0.0634
rs825860	T	0.0313
rs62057531	T	0.0354
rs62039560	A	0.0962
rs9934740	C	0.0321
rs149186867	G	-0.1369
rs72801241	G	0.055
rs62048013	C	0.0966
rs74562350	C	-0.1625
rs10852264	T	0.1313
rs72797139	A	0.0638
rs62028312	T	0.1972
rs2560910	C	-0.0382
rs149492838	G	-0.1448
rs148861585	C	-0.1373
rs28385574	T	0.0883
rs11643365	T	-0.0722
rs79282103	A	0.0877
rs34538398	A	-0.1038
rs145037093	G	-0.1456
rs111887274	T	-0.1788
rs12919015	C	-0.1176
rs11643699	C	-0.0329
rs286681	T	-0.0804
rs8057953	C	0.0526
rs1034391	T	0.0356
rs7190471	G	0.0916
rs75499972	T	-0.0453
rs8060467	A	-0.0491
rs142142311	G	-0.2685
rs12923688	C	-0.0506
rs4530122	C	-0.0307

rs117182217	A	0.2436
rs4783665	G	0.0323
rs11644694	A	-0.0736
rs3809622	T	-0.0923
rs72776706	G	-0.0606
rs78295427	G	0.1356
rs72770997	A	0.0593
rs1728406	T	-0.0362
rs811054	C	0.0308
rs7206583	G	-0.0333
rs62036916	A	0.2147
rs17257857	T	0.0375
rs77997550	G	0.1929
rs12598635	C	0.0305
rs35501383	T	-0.0378
rs3093361	C	-0.1372
rs80158238	G	-0.1783
rs117378424	C	0.1006
rs62019965	G	0.1427
rs139917573	T	0.1883
rs60637108	C	0.0567
rs72802049	A	-0.0476
rs4520849	C	0.0318
rs35199162	T	0.0677
rs117922892	T	-0.1884
rs7192342	A	-0.0416
rs7190385	T	0.1356
rs35522997	T	0.0346
rs55808475	T	0.0691
rs7199646	C	0.0297
rs9925859	C	0.0316
rs72815234	T	0.0774
rs12149656	G	-0.0536
rs117483491	A	0.1032
rs56120607	C	0.0621
rs143317956	C	0.267
rs72802761	A	0.1181
rs1019190	G	0.0934
rs138729361	A	-0.1344
rs72832064	A	-0.1754
rs73255084	G	0.1053
rs112691560	C	0.0782
rs16939824	A	0.0957
rs113992716	A	0.0882
rs117334798	A	-0.1877
rs113882720	A	0.1692
rs8046912	T	0.0972

rs2111123	T	-0.0452
rs147829142	T	0.1535
rs149159114	C	0.1513
rs2189782	G	0.0463
rs17794023	T	-0.0627
rs4081747	G	0.033
rs9935079	A	-0.0551
rs45442496	T	0.1501
rs2055840	G	-0.0355
rs79515825	A	0.1107
rs8050322	G	0.04
rs1317406	T	0.038
rs62033500	A	0.1285
rs10492907	C	-0.0441
rs117543206	G	0.2001
rs12449148	C	-0.0339
rs67163422	C	0.0379
rs117826643	T	0.207
rs758452	G	0.0643
rs215897	T	0.0305
rs12449011	T	0.2615
rs9923267	G	-0.0379
rs73560687	G	-0.0433
rs948705	G	0.042
rs74456766	T	0.1662
rs77243711	G	-0.1353
rs12931213	G	0.0499
rs79932288	A	-0.0857
rs8055259	G	-0.0332
rs34421693	T	0.052
rs113413614	A	-0.0835
rs28836604	G	-0.0467
rs11643299	C	0.1517
rs1530790	G	0.0479
rs1110917	C	-0.1545
rs112029634	T	0.104
rs77408284	G	0.1751
rs7198576	C	0.034
rs12447908	G	-0.0335
rs13334917	G	-0.1206
rs75281946	T	-0.0484
rs72802340	T	0.1372
rs113755361	A	-0.1727
rs12446987	A	-0.0456
rs116964940	G	-0.1471
rs1993020	G	-0.0301
rs147414369	G	0.1855

rs7192960	T	-0.0416
rs57565725	A	-0.1134
rs117804407	G	-0.1204
rs9934952	G	0.0454
rs73257030	T	0.1468
rs113711424	C	-0.1543
rs12932746	A	-0.0661
rs401326	G	-0.0348
rs78237759	T	-0.2537
rs143701639	T	-0.14
rs79661685	C	0.0788
rs117226581	T	0.358
rs138421017	C	0.1384
rs116970436	T	0.1388
rs66702808	T	0.0473
rs74428496	C	-0.1325
rs71400124	A	-0.1126
rs16862	C	-0.0325
rs7201819	A	0.0393
rs28706003	A	-0.0321
rs13339646	C	-0.0438
rs4780957	T	-0.0359
rs35030877	A	-0.0687
rs11074462	G	0.0753
rs16961083	A	0.1134
rs747762	T	-0.0486
rs7205430	A	0.0422
rs80224729	C	-0.1229
rs61503528	G	-0.0344
rs147319769	G	-0.0463
rs4148343	A	-0.0388
rs2581289	C	-0.1551
rs11076163	G	0.03
rs117272211	G	0.1166
rs9923358	G	0.031
rs17257468	A	-0.1509
rs56189700	T	-0.0381
rs138009511	T	0.0603
rs4076548	T	0.0334
rs67576240	G	0.0897
rs7193150	G	-0.0616
rs112100485	A	0.1859
rs117777238	A	0.143
rs72777888	A	-0.0801
rs4558403	C	0.0426
rs2191098	A	0.0344
rs117546211	T	-0.1423

rs113378527	T	0.2008
rs35283641	T	0.0434
rs2908784	A	0.0399
rs6499709	G	0.038
rs75513651	C	0.083
rs11074930	T	0.0524
rs138457907	T	-0.1029
rs78019598	G	0.1443
rs56269214	T	-0.034
rs11074430	A	-0.0568
rs77923338	C	0.1378
rs12598822	G	0.1284
rs722396	T	0.0797
rs12597705	T	-0.0645
rs11642511	C	0.0346
rs233561	T	-0.0394
rs72801471	C	0.0886
rs11642259	T	0.03
rs173593	T	0.0524
rs117900989	A	0.1688
rs4888913	G	0.0331
rs117670871	T	-0.1755
rs73594838	C	0.1755
rs1991067	C	0.0471
rs7498601	T	-0.0704
rs77933736	G	0.0655
rs1059857	A	0.0722
rs117158379	C	-0.2257
rs28627551	A	0.0514
rs1364236	A	0.0312
rs1005482	C	-0.0383
rs112276443	T	0.1531
rs138488857	A	0.1239
rs9889107	A	0.0379
rs6497559	T	-0.1143
rs9933711	C	-0.036
rs75539409	T	-0.1548
rs11860316	T	-0.0457
rs9939751	G	0.038
rs74641280	A	0.1145
rs74023931	T	-0.1035
rs62038852	G	-0.039
rs62046824	T	0.0947
rs215566	G	0.0609
rs79290323	T	0.1404
rs117219276	T	0.149
rs7194136	C	0.0454

rs6500746	A	0.0441
rs12930048	T	-0.1008
rs111988277	A	-0.199
rs111892698	T	-0.1623
rs4888161	G	0.035
rs8062353	A	0.1959
rs2058300	T	-0.0301
rs9935751	A	0.0457
rs56373624	A	0.2597
rs1076158	A	-0.0358
rs35345720	A	0.1447
rs138679720	C	-0.1377
rs12923991	G	0.0424
rs8059135	A	0.0704
rs12926063	T	-0.1108
rs3093313	G	0.0302
rs9932500	G	0.0449
rs4843470	G	0.0495
rs72791754	G	0.0675
rs8046503	T	0.1216
rs117993374	A	-0.2712
rs140425204	A	0.136
rs4788696	C	-0.0477
rs150474599	C	-0.1173
rs12929497	C	-0.0451
rs16952522	G	-0.1247
rs144870269	A	-0.0872
rs3765265	T	-0.0885
rs34254561	A	-0.0664
rs10492789	A	-0.0842
rs117699901	G	-0.129
rs6498573	T	0.0436
rs12148990	A	-0.03
rs142079617	T	0.1256
rs7198001	A	-0.0442
rs4783055	C	-0.0331
rs75911530	A	-0.115
rs16943711	G	-0.1465
rs759983	C	0.0958
rs12149802	T	0.0469
rs12927508	A	0.0752
rs1677311	A	-0.0293
rs10852265	C	0.0505
rs328332	G	-0.0323
rs62038970	C	-0.057
rs62052381	C	0.2026
rs74409977	T	-0.0888

rs8063887	T	-0.0359
rs7197857	A	-0.0523
rs118048472	A	0.1313
rs145016175	A	0.1756
rs112750046	C	0.0541
rs72776474	A	-0.1259
rs35241658	G	-0.099
rs147122152	G	0.1611
rs8043901	G	0.0994
rs117156949	C	-0.1663
rs8044047	G	-0.0388
rs78463945	T	0.0618
rs8057613	A	-0.0555
rs72807789	G	0.1654
rs8061707	T	0.0615
rs79855682	G	0.0597
rs10500358	T	0.0475
rs58124158	T	0.0307
rs114671001	A	0.0836
rs7404454	C	0.0496
rs78977855	T	0.1538
rs73551060	C	0.0714
rs117156265	G	-0.1753
rs62057975	G	0.0785
rs61555075	A	-0.0627
rs4783155	A	0.0304
rs117173072	C	0.1135
rs76190911	A	0.2568
rs74041324	C	-0.0694
rs9929803	G	0.0412
rs824398	T	-0.0726
rs3789033	C	0.034
rs60689879	T	0.0694
rs1597296	A	-0.033
rs11642200	G	0.0407
rs75668634	G	-0.1028
rs75206709	A	-0.0787
rs12926301	A	0.0311
rs117677314	A	0.1534
rs56185247	A	-0.0929
rs117772992	A	0.1149
rs79432202	A	-0.1591
rs78431933	T	-0.0638
rs2926003	T	-0.0305
rs2923147	C	-0.0363
rs11647468	G	0.062
rs11076063	G	0.0404

rs2520136	G	0.0368
rs17503657	C	0.1359
rs45453598	A	0.0662
rs4985421	A	-0.1059
rs55840176	A	-0.1712
rs12927897	T	0.1425
rs117618795	A	0.1341
rs4783935	T	-0.0355
rs76215119	C	-0.0831
rs79135867	A	-0.1603
rs8057063	T	-0.0437
rs4781330	A	-0.0287
rs13335453	G	-0.038
rs11649422	A	-0.0298
rs34607492	A	0.1415
rs34508555	G	-0.0448
rs8047876	G	0.0461
rs8056227	A	-0.039
rs56073031	C	-0.1315
rs57797311	C	-0.0339
rs118043812	A	-0.1533
rs74336125	A	0.0799
rs117575247	C	0.1665
rs28700197	T	-0.0502
rs9921344	C	0.0486
rs2550219	C	0.0298
rs1833944	T	0.0513
rs138498474	T	-0.1775
rs117879661	A	-0.2119
rs118062898	G	-0.1589
rs11864395	A	0.0855
rs79099148	G	0.0824
rs13336708	T	-0.0324
rs146421192	A	0.1688
rs112522622	T	0.0938
rs9938506	G	-0.0304
rs35367523	G	0.0289
rs3213423	T	-0.0322
rs9328928	T	-0.0669
rs12927729	A	0.037
rs4510019	G	-0.0289
rs28555469	A	-0.0476
rs13331770	A	-0.0649
rs72771858	G	-0.072
rs143635270	A	0.2771
rs2764776	T	0.0309
rs76494924	T	0.1301

rs11641236	G	-0.0431
rs34957005	T	0.0542
rs72811777	T	0.1362
rs4591164	A	0.0477
rs12448720	C	-0.045
rs300006	C	0.0759
rs7205171	G	-0.0297
rs78420553	G	-0.2716
rs12444117	G	0.0426
rs153048	T	0.2095
rs2062898	C	0.0411
rs321463	G	0.0335
rs117903303	A	0.3057
rs28653507	A	0.0831
rs2547415	A	0.0284
rs12929867	T	0.0349
rs111587900	G	-0.0932
rs34767448	T	-0.1951
rs9927411	T	0.0519
rs13337056	A	0.1055
rs35723088	T	-0.0292
rs116226547	T	0.1598
rs11865197	C	0.0289
rs76670560	C	-0.1584
rs72801660	G	-0.091
rs117094105	A	0.0968
rs9933420	C	0.0717
rs129968	A	-0.0298
rs11645060	A	-0.0654
rs12919925	T	0.0524
rs112542467	C	-0.0953
rs4417561	C	0.0309
rs77096862	C	-0.1685
rs28361559	C	0.042
rs2079873	A	-0.1937
rs17256727	A	-0.0563
rs13337854	A	-0.0481
rs117947036	C	0.1013
rs440984	A	0.0421
rs77733759	A	0.0509
rs1532825	G	-0.0291
rs146649498	C	0.1126
rs11861178	G	-0.0449
rs77776193	A	-0.1719
rs12600092	G	-0.0354
rs2716590	A	0.0308
rs3784921	T	0.0551

rs2269433	G	-0.0368
rs2195435	C	0.0301
rs3785423	T	0.092
rs2279868	T	0.0571
rs35084376	C	0.0759
rs59524139	T	0.0452
rs72805499	T	0.0665
rs140676499	A	0.2008
rs35060794	G	0.0375
rs2160315	G	0.0357
rs115164149	T	0.1018
rs75564323	T	0.0822
rs72770811	A	0.1102
rs1903621	G	0.0389
rs74740428	T	-0.1139
rs17508399	A	0.0617
rs3118236	C	-0.0415
rs11075160	T	-0.0329
rs16962019	G	0.1109
rs144759050	T	0.154
rs4985082	G	0.05
rs1465349	A	-0.0306
rs112049821	G	-0.1768
rs76963908	T	-0.1025
rs148416704	C	0.0335
rs4785755	G	-0.0345
rs75128596	G	-0.1195
rs9925367	G	-0.0315
rs77010377	C	0.1167
rs118052093	T	-0.1302
rs117954671	A	-0.1189
rs6500815	G	-0.048
rs58017430	G	0.1302
rs72774217	C	-0.0884
rs72828387	G	0.2081
rs62037804	A	-0.1565
rs12919357	C	-0.0976
rs7191763	A	-0.2051
rs28440814	G	0.0353
rs9806941	C	-0.0281
rs1077655	G	0.0342
rs35929052	T	0.0474
rs9673384	T	-0.0301
rs12149550	C	-0.0367
rs9931113	C	0.0414
rs78219435	C	0.0682
rs8058948	C	-0.0292

rs6501141	A	0.0283
rs75066007	A	0.0811
rs34557213	T	-0.0304
rs1550498	C	-0.0292
rs8054066	G	-0.0284
rs837763	C	0.0296
rs7498154	G	0.0381
rs6564031	A	0.1754
rs12596172	A	-0.055
rs9921619	T	0.0499
rs62039297	A	-0.0411
rs13330000	C	-0.1698
rs11645148	G	-0.0327
rs2716549	C	0.0375
rs12597711	T	0.0344
rs75026856	G	0.1337
rs12051346	T	0.0571
rs117296012	T	0.0701
rs1006733	C	-0.0279
rs72781450	A	-0.1148
rs77825292	T	0.0863
rs658559	G	-0.0304
rs130023	G	0.0895
rs2471431	T	0.0974
rs146982387	G	-0.132
rs1510206	A	0.116
rs117311295	G	-0.051
rs72781544	A	-0.0706
rs75014418	T	-0.0559
rs7195548	C	0.044
rs12919956	C	-0.0342
rs1874700	C	-0.0305
rs772860	G	-0.036
rs7192498	T	0.0282
rs2540783	C	-0.0951
rs9788916	A	0.0474
rs76927639	A	0.076
rs56692591	C	0.1131
rs76529341	T	0.1612
rs111539356	G	-0.1303
rs17828898	G	-0.1795
rs4785262	A	-0.1177
rs138444153	A	-0.1215
rs12934894	G	0.0323
rs8045395	C	0.0318
rs129123	T	-0.0582
rs11861548	G	0.0475

rs7188212	A	-0.0376
rs12443564	T	-0.0357
rs72772080	T	0.0361
rs17802269	C	0.069
rs9928659	C	0.035
rs4782347	G	-0.0322
rs1345389	G	-0.0273
rs12932511	T	0.0332
rs12924641	A	-0.0301
rs1593138	T	-0.0285
rs62029761	A	-0.0961
rs117256941	T	0.1012
rs118177371	C	0.1104
rs9925420	C	-0.0529
rs11641913	C	0.091
rs2601797	T	0.0589
rs62031313	T	0.0542
rs28707427	C	-0.0279
rs1133238	A	0.1104
rs7200597	A	0.0287
rs4984764	A	-0.0708
rs274074	T	-0.0394
rs12596877	G	0.2673
rs149485219	C	-0.1441
rs2172311	C	0.037
rs116997405	A	-0.126
rs72810315	T	0.115
rs12448137	G	0.0382
rs244825	A	-0.0401
rs8056929	G	0.0423
rs3934987	G	-0.0304
rs79030012	G	0.1846
rs17650189	T	0.0287
rs9933675	C	0.0547
rs113472188	C	-0.1814
rs16965571	T	-0.0763
rs11859525	A	-0.0446
rs78769578	T	0.0594
rs16962458	A	0.0322
rs117544538	G	0.0813
rs117570718	T	0.1196
rs2753324	A	-0.0598
rs17659759	G	0.0301
rs12596607	A	-0.0484
rs16958912	G	0.07
rs12929741	A	-0.0399
rs138485917	G	0.1926

rs78669234	G	-0.1479
rs11646130	C	0.0301
rs68144045	G	0.0322
rs62057584	G	-0.0354
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rs75744506	G	0.0363
rs7197077	T	-0.1475
rs112178432	T	-0.0424
rs2526060	A	-0.0444
rs360783	C	-0.0311
rs79104408	A	-0.0516
rs7186735	T	-0.0887
rs78908758	T	0.2171
rs7201479	T	-0.0292
rs56069843	C	0.0312
rs28374158	A	0.0284
rs34756541	A	0.0315
rs7194513	G	-0.04
rs16957568	G	-0.0366
rs79155407	T	0.0665
rs4522409	G	0.1925
rs9938195	C	0.0988
rs141859233	G	-0.1433
rs62044970	C	-0.1142
rs2968420	C	0.0412
rs57517721	T	0.1135
rs58071743	T	0.1599
rs118099348	T	0.1096
rs4786844	A	-0.0333
rs112089506	T	0.0723
rs1019959	A	-0.0291
rs8043560	C	-0.0301
rs150917077	T	0.219
rs145250958	G	0.1925
rs12149732	C	0.0312
rs118008621	G	0.0507
rs117537971	T	0.15
rs12921807	T	-0.0269
rs6498475	A	0.0431
rs139300961	A	-0.1833
rs4786785	C	0.0293
rs8047363	C	-0.0404
rs72778553	A	-0.1711
rs147487572	T	-0.2092
rs117891062	A	0.0939
rs4448924	C	0.0307
rs117535985	T	0.1149

rs147694763	A	0.1602
rs4128131	T	-0.1408
rs11510264	C	-0.0287
rs4580179	A	0.1409
rs34375505	G	0.0326
rs117350910	T	-0.1832
rs4786216	G	-0.0422
rs1627524	C	-0.0371
rs3859161	A	0.0456
rs12925077	A	0.1208
rs35749112	T	0.0422
rs8051954	T	-0.0343
rs147028609	T	0.1755
rs7204950	A	0.0326
rs138863685	G	-0.1685
rs3794638	A	-0.0604
rs76590460	G	-0.1797
rs277503	C	-0.0341
rs62048676	T	0.0636
rs140676786	T	0.095
rs8053416	A	0.0316
rs3093391	T	0.0933
rs117164740	T	0.0783
rs148520386	A	0.1375
rs142798167	C	-0.1044
rs6498990	G	0.0337
rs6500101	C	0.0326
rs241378	A	0.0486
rs28526595	T	-0.1485
rs78500230	G	-0.0719
rs7187656	G	-0.0398
rs8047527	T	0.0415
rs556584	G	0.0538
rs62041961	T	-0.0754
rs2346607	C	0.0394
rs72789430	G	0.1735
rs11642422	G	-0.0273
rs215901	C	0.0295
rs117296262	A	0.1123
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rs11642216	A	-0.0315
rs1529522	C	0.0375
rs441574	G	-0.0378
rs76081613	A	-0.0664
rs4075601	C	-0.0569
rs79875430	T	0.1193
rs140331890	C	-0.1763

rs72805229	T	-0.0834
rs142202189	T	0.155
rs79141649	G	-0.1256
rs147942722	T	0.0949
rs16946521	C	-0.0422
rs2192347	T	-0.0275
rs141626637	T	-0.1151
rs58585798	T	-0.1035
rs12447516	T	-0.0318
rs12921519	A	0.0348
rs4435255	C	0.052
rs28597909	C	-0.0556
rs867131	T	0.0555
rs28701029	G	0.1057
rs34704079	A	-0.2314
rs1615164	G	-0.0373
rs114835359	A	-0.1475
rs7202381	G	0.1462
rs12932756	G	0.0506
rs16948659	T	-0.0668
rs11642627	T	0.0404
rs12325586	G	-0.0506
rs62029368	A	0.1277
rs76245618	G	0.0844
rs7195259	G	0.0666
rs117178136	T	0.1061
rs28712100	T	-0.1335
rs39568	G	0.0483
rs34753304	C	-0.032
rs71383744	C	0.1089
rs113623712	A	-0.1545
rs71386688	A	-0.054
rs77576388	T	0.1114
rs16954259	A	-0.0331
rs78628719	A	-0.0975
rs116851593	C	0.1801
rs80215561	T	-0.2534
rs2013800	A	-0.0273
rs237162	T	0.0997
rs72776539	A	-0.1003
rs11150366	A	0.0953
rs2239976	C	0.0625
rs72814429	C	0.0473
rs74805390	A	-0.1376
rs60309343	T	-0.0718
rs9927630	G	0.097
rs7198149	T	-0.0515

rs72786917	G	0.2257
rs72640453	A	-0.1287
rs77393147	G	-0.1164
rs12149571	G	-0.0487
rs77695261	G	0.0585
rs7198402	G	0.0325
rs150975442	C	-0.1995
rs117425470	A	0.1329
rs113834973	G	0.1282
rs9302683	T	-0.0282
rs73605154	T	-0.0424
rs56178552	A	-0.0318
rs62043357	G	-0.0588
rs116907285	G	0.0704
rs9922120	T	-0.0371
rs35594082	C	0.0328
rs11643934	T	-0.0312
rs209459	T	0.0285
rs80021133	C	-0.0612
rs4511552	G	-0.0777
rs79070103	A	0.2438
rs12597549	C	-0.0331
rs75066389	A	0.0637
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rs11646069	A	-0.0899
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rs117080093	T	-0.1207
rs72796315	G	-0.0757
rs4375669	C	-0.0348
rs1453516	G	-0.0401
rs191784	T	0.0329
rs73579833	A	0.0799
rs76698875	G	0.1063
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rs11862371	A	0.0375
rs11074954	A	-0.0347
rs62023757	G	0.1069
rs17672305	C	0.0695
rs55902237	T	0.1386
rs117894504	A	-0.1363
rs9936426	A	0.1141
rs62033343	A	0.0343
rs205358	T	-0.08
rs35016682	C	-0.0299
rs77206008	G	-0.0894
rs75223219	A	0.052
rs150355	C	0.0547

rs62044385	C	0.0429
rs17708876	C	-0.0356
rs12599743	C	-0.098
rs149026259	A	-0.1788
rs117157368	C	-0.0836
rs11647968	G	0.027
rs143056913	A	-0.2123
rs197069	G	-0.0529
rs116912370	A	0.115
rs239352	A	0.0906
rs117133676	A	-0.1899
rs71403839	C	0.0592
rs2897832	G	0.037
rs116854787	T	-0.0726
rs3862473	C	0.0579
rs2029921	T	0.0422
rs78414856	G	-0.1266
rs146323713	A	-0.1654
rs825838	G	0.0304
rs78690904	A	0.1706
rs6498272	G	-0.0275
rs145784716	G	0.1521
rs75609019	G	0.0679
rs2106671	T	0.0271
rs139388571	T	-0.1823
rs34230267	G	0.0775
rs28520605	A	0.1733
rs28713295	A	-0.0636
rs113462046	A	-0.0349
rs61287756	G	0.0722
rs7201307	C	-0.0272
rs4499238	T	0.0354
rs2018257	T	0.0284
rs10048117	G	0.0296
rs78620090	T	-0.1188
rs1016902	T	0.028
rs4322664	A	-0.0374
rs34869093	G	0.0281
rs4784500	G	0.0347
rs116095843	T	-0.1788
rs6540282	G	-0.0328
rs34179719	T	-0.0264
rs7185890	A	0.0265
rs34460084	G	0.0799
rs5006896	T	-0.036
rs6500988	T	-0.0547
rs141986524	G	0.2318

rs765413	T	0.0518
rs1875220	T	-0.0319
rs1037000	G	-0.0544
rs1438701	T	0.0373
rs2126336	C	0.0827
rs117890091	G	0.103
rs17245906	T	-0.0357
rs56117891	T	-0.1093
rs139247949	A	-0.1345
rs16958305	C	0.0676
rs80303830	G	-0.0443
rs9921090	A	0.0323
rs28533213	C	0.0519
rs139720516	T	-0.2548
rs11648207	T	0.029
rs117866083	T	-0.1365
rs117703326	G	0.1481
rs56691021	C	0.0382
rs72814598	T	-0.0859
rs139282126	G	-0.1402
rs116925818	T	-0.2245
rs11076964	G	0.0333
rs148356002	C	0.1053
rs117926511	T	0.0611
rs75919643	T	0.0869
rs137889509	G	0.1672
rs12598616	T	0.0303
rs2519438	C	0.0536
rs35182	A	0.0668
rs117543558	T	0.1477
rs8063171	T	-0.0286
rs113559535	T	-0.1651
rs117523217	C	0.1168
rs146188521	C	0.1961
rs270433	A	0.0266
rs116951500	A	0.0956
rs12918215	A	-0.0335
rs6498022	C	-0.0887
rs145715365	A	0.1434
rs34005634	A	0.0466
rs8053172	A	-0.028
rs144927264	A	0.1719
rs4784657	T	0.0454
rs2326211	T	0.039
rs4888488	C	0.0323
rs111826559	T	-0.2096
rs4843339	T	0.0511

rs9922707	A	0.0994
rs8052539	C	-0.0319
rs75137527	C	0.0478
rs4076826	T	0.0764
rs2059819	T	0.0386
rs12934959	A	0.0723
rs12924372	A	-0.0611
rs3729889	G	-0.108
rs145964978	A	-0.1932
rs77910873	C	0.07
rs59175623	A	0.0597
rs11149991	T	0.0384
rs4334325	A	0.0313
rs11859316	G	0.0412
rs1466763	A	0.032
rs224234	C	0.0256
rs8046708	G	-0.0497
rs149702301	A	-0.1503
rs59968382	A	0.0494
rs13332743	T	-0.0267
rs74368558	A	-0.0745
rs7198032	A	0.0277
rs933391	G	0.0879
rs77827243	G	0.0681
rs7195207	A	0.0434
rs7193999	A	0.1065
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rs62025428	G	-0.0548
rs113829328	T	0.1344
rs11640940	A	-0.0267
rs8056544	C	0.1047
rs2239329	A	0.0293
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rs11074739	A	-0.0314
rs72776681	C	0.1317
rs80217822	G	0.0619
rs77246816	A	0.0382
rs30427	G	-0.0253
rs4787865	T	-0.0975
rs11863411	G	0.1002
rs2520054	G	0.0617
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rs8053266	T	0.0723
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rs78144838	C	0.036
rs111571869	G	-0.2109

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rs73234036	C	-0.0348
rs1014632	T	-0.0266
rs5010105	C	-0.0308
rs864750	G	-0.033
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rs12933032	G	0.0578
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rs11075111	A	0.0615
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rs8062542	C	-0.0848
rs7195004	T	-0.1694
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rs73531443	A	0.0503
rs1579333	T	0.0294
rs62016435	T	-0.0566
rs28605141	A	-0.0373
rs1080481	A	-0.0268
rs72802667	A	0.0536
rs809091	G	0.0321
rs2549722	G	0.0563
rs74390824	T	0.0927
rs11860786	A	-0.0443
rs139393742	T	0.101
rs4490004	G	-0.0297
rs77751805	A	-0.1138
rs33339	A	0.0282
rs6499156	A	0.0729
rs55998113	C	-0.133
rs179767	C	0.0286
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rs10852513	T	-0.0278
rs11641538	T	-0.1323
rs59872536	A	0.0485
rs3114386	C	-0.0651
rs28505805	G	0.0386
rs11640068	T	-0.0802
rs117306778	T	0.0537
rs12597883	A	0.0558
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rs34549561	A	-0.0692
rs142844957	T	0.1819
rs74385679	G	0.0569
rs59485676	G	-0.0567

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rs8046002	A	-0.1103
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rs35412209	A	-0.0623
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rs146997275	A	-0.1098
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rs142237670	G	-0.1017
rs117843219	T	-0.0733
rs143182527	C	-0.2087
rs9937893	C	0.0507
rs117122157	T	-0.1726
rs146320664	C	0.0889
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rs41138	A	-0.0652
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rs75351195	T	0.0369
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rs113834139	T	-0.2168
rs59365850	A	-0.0513
rs67137846	T	0.0551
rs74822080	T	-0.0863
rs11640483	C	-0.0309
rs62046136	C	-0.091
rs79880974	T	-0.0835
rs117083372	T	0.1556
rs142016753	T	-0.1508
rs9927723	T	-0.0279
rs12444356	T	-0.0585
rs74998944	A	0.0807
rs6498722	T	-0.0284
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rs17886060	A	-0.1762
rs72791317	G	-0.1142
rs714181	A	0.05
rs9923639	C	-0.0471
rs4785414	T	0.1202
rs2066842	T	-0.028
rs148679652	A	0.118
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rs118063295	A	-0.1568
rs322560	G	-0.0286
rs75957893	A	0.066
rs7194646	C	-0.0309

rs8049227	G	-0.0644
rs179773	A	0.0696
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rs7189979	C	-0.0411
rs71396197	A	0.049
rs148210416	C	0.1657
rs12930158	A	-0.1026
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rs7198995	C	0.0293
rs7197139	C	0.0413
rs34626151	G	-0.0356
rs4595826	G	-0.0288
rs12918989	C	0.0321
rs117658655	T	0.0953
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rs12716918	C	-0.0267
rs112104896	C	-0.088
rs1399998	C	0.1933
rs3115449	A	0.0411
rs16943265	A	-0.1479
rs12925430	A	0.0453
rs7185320	G	-0.0629
rs3943418	A	0.0318
rs72787944	G	-0.0584
rs149885178	A	-0.0845
rs11866251	A	0.0329
rs12448384	G	0.0421
rs17765870	A	0.2009
rs12720897	G	0.0722
rs10852515	C	0.0451
rs16942118	G	-0.1074
rs117059723	G	-0.1505
rs113031282	A	0.12
rs72786081	C	0.1317
rs8051957	A	0.0278
rs2967871	C	0.0428
rs112604915	T	-0.0799
rs11074764	A	0.0309
rs113700862	T	0.1236
rs3815963	G	-0.0345
rs111276420	C	0.134
rs4517813	G	-0.0265
rs1403134	A	-0.0403
rs74357553	A	0.1308
rs4985010	A	-0.0462
rs74363889	T	-0.1385
rs11640298	C	-0.0436

rs139403228	G	-0.1255
rs12446048	A	-0.1001
rs4783020	T	0.081
rs9939607	A	0.0257
rs78184585	A	-0.0912
rs8046657	A	0.0275
rs117603260	C	-0.0755
rs35449889	T	0.0804
rs117365239	T	-0.0619
rs1037369	G	0.063
rs113046909	A	-0.1255
rs62030325	T	0.0514
rs12598778	C	0.0576
rs147388598	T	0.1747
rs55881379	G	0.1005
rs7196063	C	-0.0542
rs17369468	T	-0.0316
rs111418956	T	-0.0521
rs148030266	G	0.0917
rs117608737	T	-0.1506
rs142319636	G	-0.0606
rs11075762	T	0.0433
rs11640711	G	-0.0258
rs4781482	A	0.0455
rs8054093	A	0.0266
rs113599296	A	-0.0735
rs12925226	T	0.0572
rs2037175	T	0.0317
rs78854321	C	-0.1815
rs10871285	G	-0.0297
rs8059474	A	-0.0499
rs6499655	G	0.0703
rs117292896	A	0.1403
rs56239412	A	-0.1101
rs2241216	C	0.0429
rs17201385	A	0.0803
rs8048274	C	-0.0268
rs113763620	A	0.0761
rs11077030	G	0.0589
rs55663818	T	0.0503
rs55680316	T	0.0587
rs11649335	T	0.0318
rs9937099	C	0.0274
rs12932291	G	-0.0485
rs111936524	A	0.1018
rs36008476	A	-0.0549
rs12597026	C	-0.0559

rs6499771	G	0.0326
rs11642771	G	0.0265
rs142286326	C	-0.2128
rs8050819	G	-0.0372
rs117082319	C	0.0971
rs4786548	T	-0.0371
rs8048145	C	-0.0339
rs4985092	G	-0.0441
rs72770449	T	-0.0599
rs12445707	C	-0.0269
rs12921490	A	-0.0681
rs77384025	G	0.0773
rs116882329	T	0.112
rs72788798	A	0.1566
rs753286	A	0.0415
rs4787862	A	0.0374
rs29861	T	-0.0579
rs116953613	T	0.1762
rs444804	T	-0.0295
rs1593113	A	0.0274
rs59062800	A	-0.051
rs62049427	A	-0.1065
rs40384	C	0.1539
rs56364740	C	-0.0363
rs9930491	A	0.0341
rs111591122	G	-0.1843
rs60209796	G	0.0777
rs118130287	T	0.0903
rs143870102	G	0.0346
rs1025067	A	0.082
rs12929202	T	-0.0677
rs11149713	A	0.0478
rs145502206	T	0.1742
rs12449156	C	0.0383
rs371800	T	0.0771
rs4780441	T	0.0319
rs11646943	T	0.0343
rs56159307	T	-0.1749
rs4888255	T	0.026
rs8054941	A	-0.0267
rs72779617	A	0.0601
rs12324975	T	-0.0347
rs1807439	A	-0.0286
rs56143722	A	-0.0692
rs274544	G	0.0258
rs11642644	C	-0.0416
rs28479301	G	0.0342

rs140256556	G	-0.0802
rs7404253	T	0.0372
rs2238482	A	0.0372
rs78332158	T	0.1089
rs71404050	G	0.077
rs7193741	T	-0.0291
rs72771359	C	0.0601
rs9924304	C	-0.0263
rs57900082	G	0.0405
rs55919276	C	-0.0251
rs139638064	G	0.145
rs30259	T	0.0525
rs12445465	C	0.0651
rs179219	G	0.0255
rs35567564	A	-0.151
rs115070375	A	-0.0746
rs10514491	C	0.0276
rs8047316	G	0.0351
rs74508589	T	0.1133
rs145701815	C	0.1677
rs147990141	T	-0.0955
rs79530020	T	-0.1471
rs140462686	A	-0.0914
rs13334655	T	-0.0709
rs12917943	C	0.0289
rs116461035	A	0.1857
rs12595995	T	0.0308
rs17822894	T	0.0745
rs247859	A	0.0437
rs75304492	T	-0.1796
rs72774999	G	0.048
rs79311032	T	0.1009
rs71384892	C	0.0819
rs72806738	T	-0.1204
rs7201597	T	-0.0272
rs11646953	T	-0.0312
rs74351303	A	-0.127
rs61695212	A	0.067
rs17619927	A	0.1141
rs62036306	T	-0.0474
rs57582465	C	0.0719
rs142325894	T	0.1643
rs34539405	T	0.0918
rs117685833	G	-0.099
rs56412059	C	0.0905
rs208610	C	0.0259
rs72788911	A	0.1576

rs147475978	G	0.1709
rs113054091	A	0.1179
rs2966075	C	0.0254
rs62013895	A	0.0366
rs7192493	C	0.0342
rs72804459	T	0.0708
rs173547	T	-0.0304
rs8049045	A	0.0461
rs149092813	T	-0.1208
rs17626349	C	0.0371
rs112280034	G	-0.2233
rs17705051	T	0.0609
rs4635357	C	0.0288
rs61022573	A	-0.0533
rs1553720	C	-0.04
rs111820099	G	-0.0588
rs117908982	A	-0.1431
rs1124356	C	0.0252
rs112414296	C	0.1278
rs12927443	T	-0.0285
rs141937527	T	-0.1798
rs2541462	A	-0.0522
rs4781442	T	-0.0677
rs169516	A	0.0316
rs693323	G	-0.059
rs117881106	A	-0.1482
rs1967309	A	0.0258
rs58516395	A	0.0512
rs1641826	C	0.0316
rs79409336	T	-0.0452
rs2911317	A	-0.0321
rs117555556	T	0.1058
rs224223	T	-0.0253
rs3794699	C	-0.0324
rs10500522	C	-0.0441
rs4782720	T	0.0344
rs74348516	A	-0.0993
rs150223591	A	0.1567
rs9673857	C	0.0272
rs73504504	C	-0.079
rs42221	A	0.034
rs35512815	C	0.0293
rs72785741	A	-0.0584
rs288603	T	-0.0256
rs2035492	T	-0.0468
rs148936165	A	0.0819
rs4781946	A	-0.0303

rs149739163	A	0.1463
rs7206806	A	-0.0381
rs77695820	C	-0.0486
rs112217583	T	-0.1555
rs9930233	T	-0.0264
rs1423921	G	-0.0304
rs17794609	G	0.0327
rs149026089	G	-0.0695
rs12932962	G	-0.0937
rs117376624	T	-0.101
rs72783241	A	-0.175
rs139329960	C	0.0703
rs80157594	G	0.158
rs9932884	A	-0.0755
rs4984869	A	-0.0989
rs11076445	A	-0.027
rs12928375	T	-0.0517
rs117254086	A	0.1428
rs12925867	C	-0.0627
rs148083153	G	-0.1596
rs6500340	G	0.0428
rs77836683	A	-0.0901
rs149308623	T	0.0975
rs7189557	C	0.034
rs117598649	T	0.1745
rs8044447	G	0.0347
rs143567838	T	0.1868
rs117978822	A	0.1722
rs62043898	A	-0.0725
rs12443522	C	-0.0277
rs28688877	C	0.0505
rs72796387	C	-0.2791
rs143543493	C	0.0591
rs422965	G	-0.0452
rs17686883	G	0.1565
rs11866301	G	-0.0263
rs11150292	C	0.0448
rs3826231	A	0.0755
rs141179816	T	0.1611
rs140769968	A	-0.1173
rs216608	C	-0.105
rs9932167	T	-0.0781
rs138491090	C	-0.0999
rs75031813	C	-0.0853
rs11076803	T	0.0282
rs141056231	A	-0.0425
rs11649180	C	-0.037

rs36187309	A	-0.0463
rs4783124	C	0.0629
rs12929458	G	0.0254
rs28641637	C	-0.0399
rs143145402	A	0.1109
rs77124803	A	-0.0789
rs4786736	A	0.0553
rs78953497	T	-0.0688
rs116847261	T	-0.1335
rs62028334	C	0.0356
rs2326253	C	0.0256
rs4888924	A	-0.0249
rs117617905	C	0.1643
rs78245187	G	-0.0898
rs116942339	A	0.0934
rs78484236	G	0.0756
rs143766565	C	-0.1821
rs113565874	T	0.1084
rs3803651	G	0.0288
rs71378301	T	0.1262
rs17810367	C	0.0392
rs34914753	C	-0.0513
rs55986698	A	-0.0472
rs111469125	G	0.106
rs56120232	G	-0.0433
rs2248128	G	-0.0316
rs2360168	T	-0.0272
rs147280973	C	0.1184
rs10492761	T	0.0256
rs62033190	T	-0.0837
rs72790327	A	-0.0679
rs116907567	T	0.0512
rs4783169	G	-0.0281
rs145422203	G	-0.0769
rs79281631	T	-0.0389
rs72792716	T	-0.0382
rs2550615	G	-0.0354
rs16949733	G	-0.0485
rs11643232	G	0.0674
rs13337795	T	-0.1513
rs4786701	A	0.0331
rs7192817	G	0.0281
rs28612891	A	-0.036
rs12596486	T	0.0255
rs11644665	T	-0.0939
rs13332095	A	-0.0422
rs13333992	T	0.1432

rs74813648	T	-0.0452
rs72803943	T	0.1331
rs3095638	A	0.027
rs8047853	A	-0.0298
rs7193053	T	0.0348
rs78921437	T	0.1224
rs58307394	C	0.0654
rs1267579	A	0.0598
rs2911345	C	0.0286
rs8045919	A	0.0297
rs12444468	A	-0.0432
rs117568820	A	-0.0669
rs36229787	C	0.0321
rs4630566	A	0.1415
rs7201337	G	-0.0277
rs116980256	A	-0.1615
rs8063113	T	-0.0423
rs77945293	C	0.0896
rs12928663	A	0.0361
rs143758215	T	0.1436
rs17405026	G	0.0572
rs73590743	T	-0.0887
rs11862885	C	0.0627
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rs79871874	A	0.0567
rs116936417	T	-0.1171
rs76892612	G	-0.1398
rs2531210	A	0.0489
rs62013936	A	-0.0436
rs145475208	T	0.1228
rs141869940	G	0.2106
rs146278684	T	0.0853
rs16954412	A	0.0535
rs16945679	G	0.0802
rs4598908	G	0.0328
rs117678683	A	-0.1449
rs117626414	A	0.1253
rs8058874	G	-0.0243
rs76378498	C	-0.124
rs74032583	A	0.1254
rs112210037	C	-0.113
rs8062115	T	0.0341
rs12925035	G	-0.0493
rs112184722	T	-0.0895
rs212080	G	-0.1608
rs7204986	C	0.0286
rs8049279	G	0.0265

rs113292189	A	-0.0723
rs2030985	T	0.0258
rs117378820	A	0.1338
rs71378510	G	-0.0962
rs73523109	A	-0.0395
rs75717289	A	-0.0846
rs117004486	C	-0.1175
rs16955383	G	0.0509
rs62041430	G	-0.1554
rs72792080	T	-0.04
rs59052989	G	-0.131
rs7200548	C	0.0345
rs62033428	A	-0.077
rs861389	G	-0.0243
rs145204938	G	0.2106
rs1424184	C	-0.0395
rs34101172	A	-0.1078
rs72767876	A	-0.0745
rs75486541	T	0.0575
rs75080401	G	0.146
rs117844795	C	-0.1243
rs113708492	A	-0.0575
rs74427954	A	0.0697
rs4477750	G	-0.0353
rs117600825	G	0.1485
rs12149018	A	0.0309
rs117830753	A	0.1144
rs4780950	T	-0.0487
rs1273394	T	-0.0266
rs62047160	C	-0.0678
rs12922061	T	-0.0291
rs6499646	C	0.044
rs9937546	C	-0.0268
rs12443851	T	-0.0253
rs150149145	T	0.1381
rs62049452	G	-0.1112
rs138537215	A	0.0981
rs12598314	A	-0.0836
rs12596139	A	-0.0527
rs8061878	G	0.0383
rs28667662	G	0.0339
rs111423259	A	-0.1155
rs4372677	A	-0.0667
rs11077022	T	-0.0256
rs753988	C	0.0277
rs117716305	G	0.1649
rs12448728	C	0.2113

rs144653223	T	0.2118
rs7500576	T	0.0436
rs4417556	T	0.1144
rs72776789	A	0.1085
rs75196746	C	-0.0835
rs118176502	T	-0.057
rs4302032	A	-0.0312
rs40256	A	-0.036
rs71384569	A	0.0989
rs74011168	A	-0.0928
rs2729567	A	-0.0578
rs34012042	T	-0.0613
rs79414612	A	-0.0526
rs80316914	A	-0.1455
rs4066744	C	-0.0329
rs17664900	A	-0.0354
rs79790560	C	0.0839
rs8055414	G	-0.1449
rs3729904	T	-0.0304
rs80206231	C	-0.0412
rs79081332	A	-0.0926
rs16954751	T	-0.0387
rs62052475	C	0.082
rs4787325	A	0.025
rs75271290	T	0.0901
rs77717784	C	0.0797
rs78288195	T	0.2038
rs113286162	A	-0.2031
rs3112568	A	-0.0947
rs7189122	C	-0.0323
rs8061700	T	-0.047
rs8050599	C	-0.0251
rs117139488	C	-0.0921
rs4843577	C	-0.0422
rs73543176	C	0.1379
rs118030546	A	-0.1628
rs16975879	C	0.0321
rs34652933	C	0.032
rs6499600	T	-0.0276
rs35940339	T	-0.1057
rs1074368	T	-0.0301
rs117642929	A	0.1615
rs1895028	A	0.1342
rs59229739	G	0.0812
rs117828729	C	-0.1337
rs116552957	A	-0.1029
rs318217	G	0.0241

rs9940945	G	-0.0285
rs12448358	C	-0.0517
rs62031284	A	0.0393
rs12443806	G	-0.0571
rs146655840	A	0.1376
rs112391152	A	-0.0717
rs34093607	A	0.0271
rs147313147	T	0.2291
rs79130803	T	-0.0908
rs2966060	C	-0.0882
rs78895964	A	-0.0918
rs56360928	T	-0.0608
rs62625010	C	0.0875
rs1812004	T	-0.0356
rs79638823	T	-0.0552
rs7185496	A	0.0477
rs35231914	G	-0.0693
rs1602962	G	0.0293
rs117959600	C	0.206
rs11641539	A	0.0812
rs11644311	T	0.0356
rs11540891	T	-0.1744
rs34831621	T	-0.0307
rs113221239	A	-0.1139
rs11149968	C	0.0273
rs407759	A	0.0659
rs28654747	G	0.0243
rs62039953	G	0.0417
rs149406195	A	0.1641
rs1983223	A	0.0773
rs139867086	C	0.1089
rs74334049	A	0.0615
rs804896	A	-0.0295
rs881803	C	-0.026
rs1567151	T	-0.0986
rs9972728	G	0.0238
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rs1548842	T	-0.0255
rs4024489	A	-0.0844
rs78252350	T	0.0718
rs3760080	G	0.029
rs7197547	T	-0.0243
rs116863617	G	0.0952
rs1273408	G	-0.0273
rs35936065	T	-0.156
rs79613350	T	-0.0802
rs4072556	G	0.0253

rs138242721	G	0.1635
rs62029829	G	-0.0538
rs76059163	C	0.0988
rs205437	A	-0.0865
rs11574947	T	0.0366
rs2113245	T	0.0247
rs140963620	A	-0.1224
rs117346875	G	0.0524
rs77875773	A	0.0284
rs7193251	T	-0.0377
rs149110230	A	-0.0871
rs56033857	G	0.032
rs6564824	C	0.0937
rs205120	A	0.0239
rs117773559	C	-0.075
rs8046354	A	0.0242
rs113883131	A	-0.1849
rs60857094	C	-0.0568
rs16952608	C	-0.0641
rs79237418	A	-0.0373
rs75121478	G	-0.0664
rs112135308	G	-0.1118
rs7187668	T	-0.0414
rs11641493	C	-0.0255
rs36003999	A	-0.1395
rs8058501	G	0.1183
rs72794054	T	0.0679
rs144488242	G	0.1226
rs4784700	C	-0.0321
rs140217649	A	0.1644
rs625108	C	-0.0267
rs12599985	C	0.1296
rs76366251	T	-0.0815
rs142336835	T	-0.108
rs62038962	T	0.1694
rs17794435	C	-0.1632
rs10468331	C	-0.1065
rs6564524	T	0.0265
rs250524	T	-0.0295
rs11643481	C	-0.0276
rs72771287	A	-0.1018
rs4784534	G	-0.031
rs139976363	A	0.1378
rs11646015	C	0.0332
rs4436775	A	0.0244
rs72804070	C	-0.0608
rs34212526	T	0.0324

rs72783621	T	0.1006
rs12922516	A	-0.0352
rs1381509	T	0.0299
rs13333829	C	0.1178
rs117159984	T	0.2288
rs144063182	G	0.096
rs8045253	C	-0.0256
rs62059414	C	0.0743
rs147047616	T	0.1553
rs9939718	T	-0.029
rs8059250	G	-0.0341
rs2302805	A	-0.0337
rs12444773	G	0.0254
rs72633299	G	0.0492
rs79101720	A	-0.0728
rs143270703	C	-0.1964
rs11860848	T	0.0468
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rs118121569	G	-0.1488
rs4641739	A	-0.0413
rs3812982	T	0.1017
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rs8046753	A	0.0302
rs56834409	G	-0.0431
rs75134935	G	-0.0369
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rs16974684	G	-0.0336
rs74919798	T	-0.0536
rs10468344	C	0.0247
rs79030220	T	0.1032
rs141947717	T	0.0769
rs78547392	T	-0.0495
rs118161119	A	-0.1488
rs143205503	G	0.0856
rs143123512	A	-0.093
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rs77153843	T	0.1529
rs149910403	C	-0.1502
rs2178712	G	0.0411
rs142425406	T	-0.0969
rs146223021	A	0.1963
rs9930480	A	-0.0354
rs62029369	G	-0.1032
rs7193437	T	0.0516

rs78197175	A	-0.1506
rs71391587	C	0.0764
rs142329036	G	0.2188
rs78743515	T	-0.1832
rs9944321	A	-0.1655
rs35038459	C	-0.069
rs148234641	A	-0.1669
rs143100685	T	0.1155
rs138954020	T	0.0689
rs140593511	G	-0.1047
rs72773023	C	-0.141
rs11647572	C	-0.0283
rs7204515	C	-0.0291
rs62030253	T	0.0405
rs77034146	A	-0.1665
rs79632740	A	0.1005
rs4129043	A	-0.0246
rs6497390	G	-0.0247
rs8060302	T	0.0301
rs75106972	T	-0.1111
rs77174545	A	0.1021
rs12445621	C	0.0245
rs74533265	T	0.0792
rs12934797	T	0.0346
rs415452	C	0.0268
rs2473467	C	0.0278
rs3751711	T	0.1702
rs1868465	C	0.0281
rs12448811	C	-0.1073
rs4887740	C	0.0496
rs1423812	G	0.0413
rs12927802	G	-0.0334
rs80276995	T	-0.068
rs60534711	T	-0.116
rs141310707	T	-0.0972
rs62055072	T	0.0919
rs8053491	C	0.0239
rs143741293	G	0.1106
rs150639453	C	0.1062
rs56894242	C	0.089
rs117369393	T	-0.1964
rs118048842	T	0.142
rs75749622	A	0.0951
rs117155375	A	0.1157
rs2226993	T	0.04
rs11149611	G	-0.0267
rs76268349	C	-0.1237

rs2192856	G	0.1256
rs7200091	T	0.03
rs78001017	T	-0.0955
rs72811472	A	-0.0392
rs11075951	A	0.0518
rs8056345	C	-0.0313
rs7193360	A	0.0584
rs117425920	C	0.1254
rs9929808	T	-0.0618
rs11649198	A	-0.0487
rs12446984	C	-0.0309
rs12926897	T	0.0374
rs145846575	A	-0.1448
rs113472510	T	0.0407
rs12446160	G	-0.0253
rs75412142	T	0.0402
rs147976549	C	0.1911
rs7201847	C	-0.0241
rs1138429	T	-0.0445
rs6564616	A	0.0235
rs113966472	A	-0.1241
rs112979127	T	0.0727
rs140556148	A	-0.1446
rs16952547	T	0.0365
rs71390902	C	0.0462
rs76280905	A	0.1732
rs55642622	A	0.0783
rs113871032	A	0.1319
rs2011209	T	-0.0268
rs28450391	G	0.0311
rs8047268	G	0.0243
rs2412091	C	-0.0269
rs152143	G	-0.1153
rs60744680	A	0.1712
rs17176182	C	0.0492
rs78847386	A	-0.0699
rs62037030	G	0.1402
rs80185479	T	0.0518
rs10852602	A	0.0324
rs11862167	C	0.0345
rs72794352	A	0.0336
rs72785935	G	0.057
rs7192551	A	0.0842
rs113275301	T	-0.1752
rs198150	T	-0.0311
rs11860424	G	-0.0432
rs60150294	A	0.1096

rs11860367	C	0.0254
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rs112524733	A	0.0895
rs8057719	C	0.0304
rs4888826	T	0.0244
rs75208110	G	0.0858
rs8059299	G	-0.0808
rs80223412	A	0.1549
rs17261378	A	-0.0534
rs145924510	G	-0.0849
rs2550892	T	0.0501
rs13331081	T	-0.0421
rs11570158	T	-0.0887
rs78810264	G	0.0823
rs62054588	G	0.0596
rs7198971	G	0.0395
rs79596704	A	0.1497
rs118041016	A	-0.1443
rs12931591	G	0.0735
rs76209847	T	0.0778
rs71392451	T	-0.0679
rs76148001	A	0.0916
rs145583003	A	-0.1095
rs79724330	T	-0.1017
rs146180447	A	-0.1668
rs37360	C	-0.0809
rs117943515	T	0.1125
rs9928228	C	-0.0366
rs139354453	C	0.1432
rs7193729	A	-0.1002
rs72768619	T	0.0589
rs10852344	C	-0.0249
rs72795251	A	0.0502
rs11716	G	0.0296
rs117714844	T	-0.0902
rs62034689	A	0.0353
rs62037167	T	0.0483
rs62042205	A	-0.0462
rs4786368	C	-0.0248
rs17144399	T	0.0374
rs147591313	T	-0.1376
rs12445085	T	0.0269
rs12600142	C	-0.0284
rs4784853	A	0.0238
rs113619973	A	-0.0491
rs72775798	C	0.1518
rs4438302	T	-0.0293

rs8061605	T	0.0802
rs8059862	C	-0.0295
rs1423847	T	-0.0255
rs145642207	T	-0.0652
rs72791169	A	0.0829
rs678792	T	-0.0339
rs12447155	C	-0.0401
rs1011135	A	0.0228
rs1124611	A	-0.026
rs9924997	T	0.0283
rs72760827	A	-0.1115
rs117735884	A	-0.1091
rs6500506	G	-0.093
rs4784851	A	0.1222
rs71381200	A	0.1058
rs60665544	G	-0.0595
rs77678693	C	0.1923
rs12927850	A	0.0329
rs35513017	G	0.0443
rs5030708	T	0.1198
rs61527565	A	0.0398
rs7189172	T	0.0292
rs139757426	G	0.1487
rs77745791	A	-0.1477
rs7184846	T	0.0236
rs434939	T	-0.1406
rs936305	A	-0.0245
rs138121511	T	-0.1381
rs77461303	C	0.105
rs6540170	A	-0.0379
rs9935367	T	-0.1487
rs889606	G	0.0317
rs79260508	A	-0.1116
rs62039094	G	-0.0431
rs16976880	A	0.1262
rs117965541	C	-0.0947
rs75782114	A	-0.0374
rs6500824	T	0.0833
rs148419741	A	0.0826
rs310023	C	-0.0484
rs1876708	G	-0.0281
rs78044532	T	-0.217
rs2285452	A	-0.0266
rs8062023	G	-0.0874
rs141305998	C	0.1132
rs56320921	T	-0.0727
rs5006645	G	0.0378

rs1478702	A	0.0242
rs142260603	A	0.1289
rs72801947	G	0.1777
rs17603186	G	-0.0289
rs79389160	A	-0.0477
rs1704494	A	0.0246
rs12922676	A	-0.0489
rs114616600	T	-0.202
rs80248889	C	-0.0777
rs9930666	A	-0.0273
rs117051586	C	0.134
rs13338237	C	-0.0667
rs12716868	A	-0.0285
rs139487889	C	-0.0815
rs114889561	C	-0.0874
rs28695873	C	-0.0341
rs2075520	A	0.0252
rs1076939	G	-0.0373
rs76805481	T	0.143
rs4783861	T	-0.0247
rs117442179	C	0.0694
rs142658264	T	-0.0759
rs8059669	C	-0.0396
rs75126993	T	-0.073
rs117371680	T	-0.0877
rs9673539	A	0.054
rs11647990	T	-0.1333
rs7197409	T	0.024
rs919864	T	0.069
rs62037304	G	0.1677
rs144354721	A	-0.0978
rs8050703	T	-0.0452
rs62042220	T	0.0986
rs2158036	G	-0.0865
rs7200825	A	0.0344
rs151322196	T	0.0568
rs34984817	T	-0.1391
rs62035732	C	0.0771
rs117522759	T	0.0731
rs77586504	T	0.0911
rs111359735	A	0.0782
rs2738606	A	0.0237
rs147946109	G	-0.034
rs117594529	C	0.09
rs74378993	G	0.1704
rs117034137	T	-0.0841
rs1911493	A	-0.0411

rs17714435	A	-0.032
rs112377408	A	0.1337
rs1077177	G	-0.0264
rs16941971	A	-0.0322
rs2079743	T	-0.0481
rs78537387	G	-0.0905
rs9924260	G	-0.0975
rs17476905	A	0.0355
rs75998753	G	0.0865
rs752843	T	-0.0368
rs148782730	A	-0.0807
rs113640986	T	0.0861
rs117786989	T	0.1231
rs7196894	C	0.0978
rs62047122	C	-0.0414
rs79298713	G	0.0816
rs150456450	A	-0.1013
rs11860053	A	0.0772
rs12446529	A	-0.0564
rs117409403	T	0.1766
rs41292394	A	-0.0368
rs247035	T	-0.0614
rs143222906	A	0.1298
rs112346722	G	-0.0559
rs12929404	T	0.0334
rs113204774	G	-0.0745
rs36062074	A	-0.195
rs1564435	G	0.0323
rs145195513	T	-0.1521
rs7198660	T	0.0694
rs12103157	A	0.0392
rs117115183	T	0.1157
rs144959354	T	0.1352
rs113848625	C	-0.1126
rs7498498	C	-0.0238
rs113723033	G	0.0944
rs34789135	A	-0.0741
rs145413418	T	0.1074
rs150745	T	0.0246
rs11649206	T	0.0226
rs78042822	T	-0.113
rs71384888	T	0.066
rs568778	C	-0.1107
rs71375907	G	-0.0709
rs78921144	G	-0.0671
rs3790108	A	0.0704
rs116914735	C	0.1407

rs78973850	A	0.0797
rs74918927	A	0.0545
rs56074704	T	-0.1012
rs149194020	T	0.1546
rs11641944	C	-0.0336
rs117850959	T	0.0948
rs10852637	T	-0.0241
rs113816145	G	0.0233
rs112417364	C	0.0842
rs72800753	T	0.14
rs6500515	G	0.0323
rs12933315	T	0.0344
rs11640143	C	-0.053
rs56095050	T	0.0264
rs1345858	T	0.099
rs6498708	C	-0.0559
rs8050140	C	-0.0325
rs72795157	A	0.1379
rs78394436	A	0.0777
rs4786727	C	0.1602
rs112156128	G	0.1291
rs117868017	G	-0.1127
rs17342621	C	0.0701
rs59036912	G	-0.0542
rs564386	A	0.031
rs9931109	A	0.0572
rs17833133	C	0.0252
rs74000555	A	-0.1088
rs62021074	C	0.1142
rs2937134	G	-0.0258
rs77445350	A	-0.1227
rs77567757	C	-0.0446
rs11646217	A	-0.037
rs45515097	C	-0.1408
rs1559406	C	-0.0359
rs8055309	A	-0.0228
rs113587860	A	-0.0623
rs79497887	G	-0.0961
rs117331156	C	0.1738
rs55752757	G	0.0463
rs8055647	T	-0.0438
rs12449090	C	0.0233
rs59036958	T	-0.043
rs142248381	A	-0.1538
rs141705406	T	-0.0678
rs8045354	C	-0.0272
rs58577879	T	0.0409

rs34207959	T	0.0475
rs59575378	T	-0.026
rs117616796	G	-0.1196
rs11646242	A	0.026
rs72809228	A	-0.0718
rs144443351	A	0.086
rs9932698	G	-0.1351
rs149451223	A	0.1195
rs116911900	T	-0.0842
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rs140143959	C	0.0527
rs4280228	A	-0.0244
rs118186897	G	-0.1375
rs150779981	C	0.1085
rs74595350	A	0.0904
rs75789721	G	0.1518
rs77245739	T	-0.0365
rs6500080	C	-0.0287
rs117504951	T	0.1209
rs247873	A	0.0458
rs12448436	T	-0.0686
rs72837074	A	-0.0378
rs4843249	A	-0.0263
rs243845	A	-0.023
rs117491074	A	-0.1018
rs4785286	T	0.0354
rs233523	A	-0.0327
rs118006985	T	0.1302
rs56179545	G	0.075
rs112871206	T	-0.1027
rs7498282	G	0.0231
rs17146086	A	0.051
rs409575	A	0.0463
rs143931973	A	-0.1819
rs34753377	G	-0.0314
rs72782373	A	-0.0919
rs1891325	C	-0.0363
rs144663675	C	-0.1387
rs78894722	A	0.0387
rs17772016	C	0.0433
rs12102503	A	0.0878
rs9927035	A	-0.0353
rs1364344	T	-0.028
rs117596524	T	-0.0563
rs8059855	T	0.0678
rs78667306	A	-0.086
rs78712590	T	-0.0421

rs149551174	G	0.11
rs12927351	A	-0.0308
rs9936860	C	0.0295
rs7498519	T	-0.0316
rs4564573	C	-0.0239
rs140000449	T	-0.1293
rs117097988	G	0.089
rs72814453	T	0.0985
rs78390789	C	-0.1459
rs12925731	C	0.0859
rs12598659	G	0.04
rs117656972	T	-0.1144
rs384690	T	0.0259
rs4541091	C	-0.1019
rs3810801	A	-0.024
rs2656660	T	-0.0311
rs7195655	C	0.0242
rs1401207	G	-0.0269
rs12928254	A	0.0322
rs2058186	A	-0.051
rs11643578	C	0.0356
rs71376720	A	-0.0551
rs12443917	C	-0.0475
rs16947208	A	0.0629
rs257882	A	0.0367
rs112638224	G	0.1069
rs74792333	T	-0.0925
rs28429817	A	-0.0702
rs8059179	A	-0.0254
rs55650225	T	-0.0366
rs117556566	C	0.0987
rs72793348	C	0.0931
rs62041785	A	0.0827
rs8057286	G	-0.1077
rs58642908	A	-0.0834
rs148709404	G	0.1928
rs2689248	T	0.0222
rs35768703	C	-0.0408
rs12921178	T	0.0234
rs17691190	A	0.0389
rs75529606	C	0.0478
rs55995508	A	-0.0862
rs117350940	T	-0.0947
rs11648267	A	-0.1144
rs1790650	A	-0.0229
rs1303874	C	0.0895
rs2738626	G	-0.0586

rs8056559	G	0.022
rs7188975	T	0.0411
rs9788828	T	-0.0259
rs117115473	G	-0.1266
rs7188359	A	0.0284
rs40553	A	-0.0658
rs7200477	T	-0.0629
rs12447614	G	0.025
rs74249049	T	0.0726
rs118141407	C	-0.1107
rs78089243	A	-0.115
rs12449223	A	0.0251
rs72774859	T	0.0738
rs77239190	C	0.0976
rs35950258	C	0.102
rs72787796	T	0.1299
rs4078491	T	0.0291
rs4786568	C	-0.0222
rs111676738	T	0.0609
rs111744743	C	0.0384
rs8061752	C	0.0274
rs17669916	A	0.0303
rs11647711	C	-0.0585
rs12935459	C	0.1622
rs72814581	T	0.0419
rs139893382	G	0.1463
rs61444075	T	0.1758
rs2283479	A	0.0224
rs12708669	A	0.0423
rs35083305	G	0.1265
rs148695213	G	-0.1141
rs146291454	A	0.0999
rs34961562	T	-0.1943
rs6564310	T	0.0402
rs11865234	T	0.0299
rs17435687	G	-0.1045
rs143202512	C	0.1014
rs72777738	G	-0.0309
rs79960333	T	0.0616
rs12929017	G	0.0253
rs6540278	C	-0.0333
rs117234704	A	0.1486
rs12933377	G	-0.0257
rs11643016	A	0.0592
rs118093387	A	0.0639
rs8063642	T	-0.0293
rs12447933	A	-0.0326

rs147907186	T	0.1429
rs12449121	C	0.035
rs7206048	C	0.0853
rs112822448	C	-0.0666
rs3803625	T	-0.0373
rs7200390	T	-0.0763
rs78445729	C	0.0963
rs73503981	C	-0.1485
rs3751804	C	0.0539
rs117000213	C	0.1062
rs72636225	T	0.0302
rs17560124	C	-0.0313
rs1559438	T	-0.0251
rs80215844	A	0.1489
rs13330891	G	0.0458
rs7190785	G	0.0232
rs4888695	C	-0.0256
rs117962112	A	0.0656
rs111646114	G	0.1719
rs8044089	T	0.0576
rs12445640	G	0.0229
rs4513093	A	-0.031
rs34723309	C	-0.0526
rs4887807	A	0.039
rs1364300	C	0.0221
rs62068511	G	0.0332
rs12444186	A	-0.0463
rs79942085	T	-0.0873
rs17670782	C	-0.0486
rs4578658	T	0.0437
rs76625877	C	0.1167
rs12149360	A	-0.0949
rs11866716	T	-0.0265
rs6499089	T	-0.0237
rs112539166	T	-0.1454
rs148680328	C	0.0808
rs61284845	A	0.0586
rs138897062	T	-0.0896
rs506914	A	0.0263
rs151284681	T	-0.0995
rs149933135	T	0.1658
rs9939129	T	-0.058
rs62042212	A	0.0796
rs2113307	C	-0.0486
rs9889120	A	-0.0298
rs56177656	A	-0.0229
rs2018540	T	-0.0239

rs74677115	C	0.0532
rs117966261	C	-0.0807
rs76129277	T	-0.1303
rs2892190	C	-0.0458
rs7185239	C	-0.0225
rs118096567	G	-0.1151
rs76350137	A	-0.0835
rs117430654	A	-0.0566
rs11643956	C	0.0299
rs117411422	G	0.116
rs27337	G	-0.0348
rs113322051	T	0.1749
rs9936214	G	-0.0403
rs928963	A	0.0219
rs62036939	T	0.0269
rs55734749	T	0.0661
rs4843679	T	0.0424
rs79193646	G	-0.0944
rs62033738	G	-0.104
rs6500380	A	-0.0351
rs1548373	A	-0.025
rs72798333	G	-0.0284
rs4995111	A	-0.0325
rs143235261	A	-0.1109
rs4145655	C	0.0237
rs17621932	T	0.057
rs274104	C	-0.1032
rs4458026	G	0.0244
rs11248906	C	0.0281
rs8051081	A	0.0647
rs79526293	C	0.0758
rs72803098	C	0.0291
rs144204405	C	-0.0856
rs8059230	G	-0.0251
rs112384011	C	-0.1076
rs1825190	T	0.0376
rs74039248	C	0.0359
rs7185897	A	-0.0242
rs369694	T	-0.0238
rs76812808	A	0.0361
rs35631	A	-0.0659
rs77483330	G	-0.0357
rs150441536	C	0.1197
rs4783001	T	-0.0566
rs141536427	T	-0.183
rs117643148	T	0.0604
rs116863325	T	-0.1106

rs9928205	C	-0.13
rs9931799	C	-0.0241
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rs11865832	T	0.0344
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rs145947886	G	0.1071
rs4787926	G	-0.0246
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rs141695488	A	0.1109
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rs78823600	G	-0.0861
rs1589697	G	-0.0224
rs145396867	A	0.0882
rs142354317	G	0.0423
rs117409240	A	0.067
rs76381441	A	0.09
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rs17742148	G	-0.0384
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rs7185826	G	-0.0406
rs11076367	C	0.0263
rs146626127	T	-0.1809
rs4238735	A	0.0895
rs4490001	A	-0.0304
rs57671402	C	-0.0691
rs10500529	T	-0.0348
rs2311380	T	0.0251
rs77543963	G	0.1017
rs78934214	A	0.0884
rs11643652	A	-0.0278
rs3114901	C	0.0698
rs59976419	C	0.0399
rs7403939	G	0.0284
rs7205629	C	-0.0267
rs77835338	T	0.1734
rs13333029	C	0.0401
rs6500024	G	0.022
rs62044560	A	-0.1271
rs8052440	A	0.0863
rs150129456	A	-0.1771
rs205367	G	-0.0436
rs12599685	G	0.0507
rs139454143	G	-0.1626
rs12931518	A	-0.0477
rs77453742	G	-0.1777
rs935754	G	0.0227

rs116871557	C	-0.1071
rs72778468	G	-0.0331
rs74353243	G	-0.0967
rs74449711	G	0.1106
rs9939590	A	0.0213
rs56029905	A	-0.1107
rs7195597	T	-0.0315
rs8049463	C	0.0839
rs116971887	T	-0.064
rs112184736	A	-0.0308
rs16949286	C	0.0218
rs7198973	A	-0.032
rs146331000	T	-0.0732
rs144486960	T	0.1203
rs118106518	T	0.0764
rs4380043	T	0.0266
rs1567145	G	0.0423
rs7188701	G	-0.0334
rs12446552	C	-0.0261
rs7199411	T	0.0622
rs116983115	T	-0.109
rs9934320	T	0.0574
rs4889313	G	0.023
rs1865834	G	0.0319
rs12926172	A	-0.0219
rs146330109	C	0.1775
rs75160553	C	-0.0449
rs77308190	T	0.0921
rs9940311	T	0.033
rs78952867	T	-0.0923
rs16958275	T	0.0975
rs7196882	G	0.0674
rs145501395	T	-0.0595
rs705921	A	-0.0434
rs72779215	A	-0.1075
rs78216383	C	-0.2045
rs4785326	C	-0.023
rs80162955	A	-0.1104
rs4366703	A	0.0913
rs34152595	G	-0.057
rs9673543	G	-0.0306
rs146126135	A	0.1458
rs12924988	G	-0.0792
rs78297852	C	0.195
rs4780773	G	0.0349
rs61631820	C	-0.2067
rs34241435	A	0.0579

rs11646441	G	0.0362
rs7195557	A	-0.0235
rs12600272	C	0.0224
rs28428694	A	-0.0432
rs77442987	T	0.1278
rs77503487	T	-0.168
rs415789	C	0.0556
rs1363749	G	0.0255
rs72809237	T	0.0786
rs72765332	G	-0.0753
rs11867113	G	0.0263
rs74612817	G	0.0358
rs1991027	G	-0.0385
rs62050681	T	0.022
rs117737162	T	-0.0675
rs142103093	A	0.1199
rs117218257	T	0.128
rs72777499	T	-0.0509
rs112928761	A	0.0876
rs2908899	G	0.0217
rs1816108	C	0.0213
rs247843	A	0.032
rs140581858	A	-0.0975
rs11647726	G	-0.0269
rs2647998	T	0.0751
rs117386269	C	-0.1098
rs2221099	C	-0.0265
rs76458474	G	0.1017
rs143689149	G	0.1013
rs7184965	A	0.1262
rs72792874	T	0.0568
rs2907363	A	-0.0316
rs12325434	T	-0.0361
rs7195500	T	-0.0567
rs2388643	A	-0.0273
rs79980064	T	-0.0632
rs80351341	A	-0.1583
rs56176954	C	0.0472
rs62054206	T	0.0886
rs72763770	G	0.12
rs17411816	C	-0.1537
rs12920357	C	-0.1509
rs111774228	T	-0.1109
rs59107319	T	-0.0749
rs72811370	A	-0.0238
rs77229248	C	0.0405
rs74249430	T	-0.0808

rs4784195	T	-0.0505
rs112100932	A	-0.1591
rs56242360	T	0.0718
rs1592561	T	-0.0352
rs3024692	G	0.1053
rs144309862	T	-0.0294
rs116986667	C	0.0948
rs12930566	T	0.031
rs113370020	C	-0.122
rs12598800	T	-0.1163
rs2716562	T	-0.0277
rs147178194	A	0.12
rs77053792	A	0.0574
rs62010246	T	0.1131
rs882650	A	-0.0444
rs4780277	C	-0.078
rs12446658	A	0.0281
rs7499305	C	-0.0427
rs76994333	G	-0.0562
rs36510	A	0.0241
rs9929700	G	0.0241
rs111643840	A	0.131
rs145881252	C	0.0846
rs60427389	T	-0.0616
rs9928358	A	-0.0261
rs999022	G	-0.0272
rs113220435	T	-0.0985
rs16945493	A	0.0397
rs10500408	A	-0.0226
rs111323780	G	-0.0703
rs75989022	A	-0.0591
rs16947165	G	-0.0235
rs6565062	A	-0.0217
rs417190	C	-0.0265
rs2875950	G	0.0853
rs12447249	G	0.0565
rs4780515	T	-0.0222
rs138654770	A	0.1649
rs2745098	T	-0.0231
rs146055273	C	0.0668
rs11074404	G	-0.023
rs16949326	T	0.0633
rs2103284	A	-0.0312
rs34946683	C	0.0294
rs9783781	A	-0.0327
rs147767876	C	0.0409
rs113700549	T	0.0293

rs34039447	T	0.0767
rs9928107	A	-0.0269
rs71392147	C	-0.0777
rs113590617	T	0.1428
rs11640561	G	-0.0248
rs252326	T	-0.0336
rs112264988	T	-0.0902
rs17372800	T	-0.0396
rs145289780	A	0.1238
rs2334189	A	0.0333
rs1273395	A	0.0807
rs8064111	T	-0.0307
rs12051223	A	0.0565
rs139734339	C	0.1023
rs75845171	A	0.054
rs7191852	T	-0.0304
rs16963115	C	0.0444
rs755215	T	-0.0453
rs16951388	A	-0.0389
rs138311010	A	0.0907
rs4787781	G	-0.0274
rs72780139	C	-0.0859
rs11074940	T	-0.0726
rs9302384	C	0.0923
rs142425952	C	0.1016
rs142612649	G	-0.0547
rs728646	A	-0.0308
rs72804715	A	-0.0548
rs11860717	C	-0.0247
rs117395021	A	0.0602
rs7206142	A	-0.0282
rs117871519	G	-0.0825
rs117706450	A	0.1495
rs9929107	C	0.1474
rs117023413	C	0.1222
rs17195563	A	0.0367
rs4782856	T	-0.027
rs2731772	A	0.0228
rs11077320	A	0.0362
rs11641724	A	-0.0437
rs3937500	A	0.0309
rs75608280	T	-0.0544
rs17700451	G	0.0314
rs372627	C	-0.0257
rs72793459	A	0.0818
rs116926120	A	-0.126
rs75049026	T	0.1004

rs17257437	C	-0.0476
rs12102679	G	-0.0277
rs57707083	A	-0.0552
rs80253441	C	0.1415
rs57504325	T	-0.0413
rs8044946	A	-0.0251
rs2285824	T	0.0871
rs7193698	G	0.1018
rs12922161	T	-0.0338
rs7201451	T	0.1016
rs938900	A	0.026
rs9921669	T	0.0488
rs147992506	A	0.2112
rs300014	C	-0.027
rs141527770	T	0.0893
rs117599701	A	-0.1575
rs395792	T	-0.0528
rs8063364	T	0.1058
rs4550468	G	-0.0327
rs139899669	G	0.1067
rs117958549	T	0.0823
rs72640489	G	0.0665
rs61584134	G	0.0815
rs7193417	G	-0.0226
rs61354915	C	-0.0272
rs117664234	A	0.0744
rs62050489	G	-0.0942
rs16956174	C	0.101
rs4445890	C	0.0428
rs8054937	A	0.0235
rs9937916	G	-0.0818
rs2967301	T	-0.0263
rs72791328	G	-0.0442
rs146523700	T	0.1222
rs12103335	T	-0.0268
rs11859694	G	0.0751
rs2908910	G	0.0228
rs73550108	T	-0.0333
rs9921853	G	0.0282
rs247832	T	0.0241
rs1273409	A	0.0748
rs836994	C	0.0224
rs12325085	A	-0.031
rs2550598	G	0.0579
rs7193013	C	0.022
rs474503	A	0.044
rs1463460	A	0.0314

rs71402046	T	0.0751
rs76477961	G	-0.1123
rs11643715	G	0.0236
rs17718107	C	0.0653
rs138893371	G	0.0796
rs62040378	T	0.0555
rs916768	A	-0.0253
rs4264398	A	-0.0305
rs2447782	C	0.0231
rs2118016	A	0.1269
rs34824941	C	-0.1277
rs7193500	A	0.0435
rs142834247	A	-0.1147
rs12924158	C	-0.0336
rs149682199	C	0.0838
rs17757350	C	-0.0256
rs72794213	C	0.0504
rs80325744	C	-0.1527
rs36011627	T	0.0339
rs9933989	A	-0.0302
rs55932605	T	0.0472
rs73602954	T	-0.0345
rs4586435	A	-0.0363
rs13331544	G	0.0231
rs7205704	G	0.024
rs17773634	C	0.0535
rs117596297	T	0.2232
rs1423799	A	0.0219
rs4781236	T	-0.0214
rs72768244	T	-0.0599
rs117484935	A	-0.0647
rs7202477	G	-0.0245
rs145393017	G	0.0748
rs61709866	T	-0.0618
rs1874494	G	0.0298
rs141441780	T	0.0866
rs7189508	C	-0.0392
rs11649613	T	-0.0218
rs2907356	C	0.1223
rs148276185	A	-0.074
rs11864535	G	0.0318
rs17705128	C	-0.0227
rs244791	C	0.036
rs179769	C	-0.0341
rs139223175	A	0.1251
rs71382762	C	0.0403
rs13332387	A	0.1075

rs76466516	C	-0.0408
rs55852809	C	-0.0228
rs62038098	C	0.0345
rs117785180	T	-0.1688
rs13380600	C	0.0444
rs62028311	G	0.0794
rs71389811	C	0.0438
rs17270950	C	0.1567
rs80191129	G	-0.1035
rs78122098	T	-0.0845
rs12919267	T	-0.0371
rs6500882	G	0.022
rs77520617	C	0.0956
rs147370439	T	0.1349
rs146712251	C	0.1768
rs4419063	G	-0.0228
rs115978336	T	-0.0508
rs223831	A	-0.0329
rs77176789	A	-0.0836
rs7190289	A	-0.0253
rs226866	C	0.023
rs4786730	T	-0.0545
rs4643311	C	0.0222
rs145436257	G	0.0732
rs8047589	A	0.0215
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rs17820875	G	-0.0354
rs57610970	A	0.0338
rs8057362	A	-0.0222
rs78751740	A	0.1374
rs288579	G	-0.036
rs80340955	G	-0.0597
rs57255286	G	0.0665
rs7205244	C	0.0379
rs12930430	G	-0.0372
rs4843437	C	0.0218
rs111622963	G	0.0978
rs71386709	A	-0.102
rs7203861	T	0.0292
rs140591601	T	0.1633
rs111780745	G	-0.1607
rs2030360	G	-0.0409
rs2519966	T	-0.0217
rs1344490	T	0.0219
rs4782680	G	0.026
rs4984924	A	0.0286
rs148124420	T	-0.127

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rs4245624	T	0.0238
rs78500504	G	-0.0311
rs8059003	C	0.0307
rs378904	G	0.022
rs8043756	T	0.0307
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rs34836534	T	-0.073
rs55657927	G	0.0469
rs577543	A	0.0511
rs1424203	T	-0.0225
rs78864981	A	-0.08
rs9924443	A	-0.0236
rs34854437	C	0.0475
rs79834454	C	0.1758
rs72778851	C	-0.1464
rs138367898	A	-0.0846
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rs112864363	C	0.1559
rs72812709	A	-0.0651
rs2617840	G	-0.0336
rs80174230	C	0.1007
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rs2576562	A	-0.0245
rs8044288	C	-0.0323
rs72771657	T	-0.1237
rs4082277	T	0.1133
rs71393072	T	0.0608
rs72810188	C	-0.1081
rs10492775	C	0.0376
rs117908869	T	-0.115
rs9797003	G	0.0262
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rs74015744	C	0.0425
rs78728849	A	-0.0554
rs111611909	A	0.1343
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rs1978452	A	0.028
rs34473833	G	-0.0916
rs12446592	T	0.0268
rs11860019	T	0.0384
rs12935467	G	0.0287
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rs149382350	A	-0.1411
rs17794645	T	-0.0339
rs3093318	A	0.1241
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rs117312299	T	0.0935
rs79022074	A	-0.1052
rs11642440	C	0.055
rs148494284	T	-0.1517
rs58928072	G	-0.0726
rs34193553	A	0.1159
rs112766425	G	-0.0445
rs72765506	G	0.1004
rs76256164	C	-0.1091
rs12931220	T	0.0345
rs2966870	T	0.0267
rs78850934	T	0.0507
rs2967321	T	0.0278
rs75942350	G	-0.054
rs142887631	G	-0.0353
rs6500965	G	0.0922
rs30243	C	-0.025
rs75041265	T	-0.0744
rs4782876	C	0.0375
rs59996655	C	-0.0262
rs79525118	T	0.101
rs4782493	T	-0.0458
rs13332138	T	0.0251
rs117390654	G	-0.0477
rs3743712	G	-0.061
rs2113294	C	0.0417
rs78460606	T	0.0496
rs149185773	T	-0.1424
rs141512454	A	0.0876
rs7196038	A	0.0297
rs7197168	T	0.0943
rs35350587	T	0.0385
rs28645166	G	0.044
rs730168	T	-0.0274
rs144903910	T	0.0649
rs141739774	T	-0.1708
rs820808	G	0.0216
rs8053127	A	-0.0531
rs9927305	T	0.0356
rs117350883	A	-0.0868
rs12448778	G	0.0687
rs13338041	T	0.0878
rs75756373	T	0.1794

rs35017145	G	0.0786
rs74249526	A	-0.0498
rs9932106	G	-0.0543
rs7198804	C	-0.0232
rs55752917	G	0.0595
rs8044555	C	-0.0243
rs12599290	A	-0.0481
rs77011746	G	0.0791
rs112445081	T	0.0832
rs1559308	A	0.0248
rs58109550	C	-0.0326
rs75365338	A	0.1524
rs666301	T	-0.1528
rs72775989	C	-0.0341
rs75510753	G	-0.0949
rs1364153	T	0.0299
rs7184396	G	0.1083
rs111500568	C	0.0657
rs67080212	C	0.0315
rs12599590	T	0.0512
rs8044675	C	-0.0349
rs117303400	C	0.1819
rs179602	A	0.0429
rs150166355	T	0.1076
rs17281013	A	0.0467
rs77115810	A	0.1256
rs147450029	T	-0.1372
rs457464	T	0.0233
rs73577088	A	0.0877
rs113064008	A	0.0806
rs75320636	G	-0.113
rs16950653	T	0.031
rs35141413	G	-0.0675
rs2408351	G	-0.0253
rs12444053	T	0.0234
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rs117635034	A	0.0528
rs141070498	C	-0.1232
rs1498053	T	0.0549
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rs35434925	G	-0.0325
rs9928081	A	-0.1166
rs9931810	G	-0.0502
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rs17708413	T	-0.0485

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rs116841226	A	0.1053
rs12325467	A	-0.0379
rs75826174	A	-0.1202
rs56133944	T	-0.0708
rs4785218	T	-0.0219
rs2216063	G	0.0332
rs7196241	A	-0.05
rs117704157	A	0.1025
rs148374997	C	0.0606
rs12444604	A	0.0238
rs2656662	T	-0.0267
rs143758242	C	0.1219
rs150679890	T	0.0757
rs150280552	A	0.1265
rs117100768	T	-0.0792
rs142572165	A	-0.1139
rs2550798	A	0.0578
rs113299139	C	-0.053
rs146474075	T	-0.1145
rs11646211	G	0.0212
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rs12325541	A	-0.0566
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rs16967960	G	-0.0224
rs43223	C	-0.0237
rs117281768	G	-0.0636
rs4788050	T	0.0302
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rs11640327	C	-0.031
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rs12925322	G	0.0399
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rs7201893	T	-0.0243
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rs1108663	A	0.0215
rs9926794	C	0.0224
rs72628268	A	-0.033
rs2883153	A	0.0212
rs204037	G	-0.0228
rs716447	C	-0.0279
rs6501083	G	0.0218

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rs117947374	A	0.0949
rs72808951	T	-0.1202
rs7185912	T	0.0248
rs7185655	T	-0.038
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rs79139081	G	-0.0853
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rs72802991	A	-0.1414
rs8062917	G	-0.0983
rs117087559	G	-0.0987
rs62034440	T	0.1084
rs59501952	G	-0.0326
rs1078346	G	0.048
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rs72802734	T	0.0618
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rs1961287	G	0.0637
rs62017086	G	0.0224
rs75091009	A	-0.0597
rs17822720	G	-0.1086
rs75838737	T	0.1265
rs151008861	A	0.1247
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rs116849014	A	-0.0808
rs74031605	C	-0.0268
rs8063617	T	0.0247
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rs9931166	A	0.0236
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rs12922800	G	-0.024
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rs8047573	T	-0.0341
rs9928342	T	-0.0339

rs72819315	T	0.0627
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rs117131231	A	-0.053
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rs73261990	A	0.0902
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rs903881	T	-0.0321
rs34026420	T	0.0425
rs141348096	A	0.0962
rs74653514	G	0.0872
rs328319	T	-0.0205
rs60173313	G	0.0318
rs7498610	G	0.0269
rs2106862	T	0.0259
rs12928035	T	-0.0774
rs79631433	G	0.0313
rs9302805	C	-0.0365
rs78208662	T	-0.0442
rs16959796	C	0.0519
rs55687117	G	-0.1739
rs59784607	T	0.0583
rs28787880	T	-0.0472
rs144528311	A	0.1175
rs75793911	T	0.0389
rs1860321	A	0.0355
rs2226994	A	0.0205
rs11640116	A	0.0296
rs112462306	A	-0.0316
rs6564756	A	-0.0215
rs76836959	C	0.1369
rs12932976	C	0.0581
rs8047900	T	-0.0376
rs147440249	A	-0.0706
rs17678927	A	0.0736
rs11645605	T	-0.0284
rs11077225	C	0.0235
rs41305757	T	0.0912
rs7200905	A	0.0657
rs2191133	G	-0.0228
rs28722935	A	0.0388
rs1862772	G	-0.0248

rs10163389	G	0.0212
rs150537432	C	-0.127
rs72779946	T	0.0677
rs150532914	C	0.1004
rs56280134	A	0.0466
rs78090050	T	0.0355
rs75646959	T	0.1047
rs8051300	T	0.0794
rs74028706	C	0.0439
rs11646964	T	-0.0617
rs117664258	A	0.1663
rs117494473	T	-0.0999
rs80128944	T	0.0714
rs79392712	A	-0.0759
rs36043091	T	-0.0506
rs7185593	A	0.0395
rs62033205	C	0.0224
rs74733906	T	0.0953
rs146914358	T	0.0497
rs8047267	C	0.0223
rs12926474	G	0.0272
rs117564698	G	0.1483
rs151156428	A	-0.1489
rs75251102	T	-0.1755
rs117645644	A	-0.1337
rs1424076	C	0.0346
rs16944321	T	0.0393
rs2665315	C	-0.0231
rs117787884	C	-0.1661
rs12445976	G	0.0297
rs3104820	A	-0.0202
rs244867	G	0.0202
rs117579642	A	-0.098
rs169735	A	0.0367
rs140165056	A	-0.1096
rs113413364	T	-0.0633
rs73574279	C	0.0387
rs12928583	G	-0.0214
rs7199301	G	0.0309
rs1862858	A	-0.0576
rs2550904	T	-0.0222
rs78695860	C	0.0264
rs111524569	C	-0.1081
rs299948	T	0.0307
rs111667932	A	-0.0472
rs77245867	G	0.0691
rs9928176	T	0.0546

rs4468636	C	0.0241
rs80329709	A	-0.0762
rs28698953	A	0.0957
rs79561945	T	-0.1574
rs8053937	T	-0.0268
rs4888153	G	0.0242
rs9302767	C	0.0329
rs17141619	G	-0.1209
rs61482648	C	0.0386
rs9925645	C	0.0251
rs117192795	A	-0.0712
rs35047890	T	0.1292
rs117555212	A	0.0982
rs995036	A	0.0447
rs67301704	A	0.0376
rs3785227	G	-0.0226
rs1437185	G	0.023
rs72799734	T	0.1193
rs10153150	T	-0.033
rs825846	G	-0.0265
rs149630890	G	-0.0537
rs16974272	A	0.0589
rs7501409	A	-0.0233
rs9806817	G	0.0303
rs11649507	G	-0.0222
rs30211	A	0.0213
rs2113301	G	0.0252
rs2216187	C	0.039
rs11861717	A	0.0331
rs77030134	A	-0.0938
rs30958	T	-0.0266
rs2118011	C	-0.0698
rs16968846	A	0.064
rs4888447	C	-0.0316
rs74943801	C	0.0758
rs117275099	T	-0.0919
rs42763	C	0.0204
rs8059445	C	0.0288
rs8048403	T	0.0479
rs10492908	G	0.0438
rs80097795	A	0.1368
rs1946152	T	0.0636
rs8057423	G	-0.0264
rs112711550	A	0.0913
rs7190104	T	-0.0279
rs12447365	A	0.0243
rs35209530	G	0.0232

rs11862192	G	0.0266
rs8054265	A	-0.0243
rs150581502	C	0.0926
rs7206012	C	0.0429
rs150080592	C	0.0886
rs68030152	G	0.0425
rs9926875	C	0.0312
rs144853768	A	0.0778
rs11150590	T	-0.0225
rs907052	C	-0.0365
rs118149895	C	0.0864
rs138868802	A	-0.1179
rs62044008	A	0.0199
rs72779724	T	-0.0417
rs16974202	C	-0.0244
rs143752018	T	0.0469
rs8057701	G	-0.0637
rs140086094	G	0.1305
rs4781390	A	-0.0246
rs77552203	G	-0.1363
rs117648798	A	0.0899
rs72804554	C	0.0669
rs11864170	C	-0.0246
rs1972403	T	-0.0682
rs117382792	T	-0.1467
rs4787922	T	0.0407
rs12596135	C	-0.062
rs75335891	A	-0.048
rs138771231	C	0.0787
rs34762134	G	0.1075
rs72638298	T	0.0302
rs72789426	C	0.072
rs4786081	G	0.0362
rs11639780	T	-0.0759
rs12447998	A	-0.0255
rs4528601	T	0.0569
rs16942939	G	-0.1458
rs35065910	C	-0.1142
rs466598	A	0.0395
rs116162329	T	0.0946
rs148236745	C	0.1477
rs16960416	G	0.0313
rs28409870	T	-0.0606
rs77911937	C	0.0942
rs35319173	T	0.0369
rs145115415	T	-0.0954
rs10521030	T	0.1315

rs138861718	A	0.0882
rs12445438	C	0.0602
rs12447106	A	-0.1057
rs11645822	C	-0.102
rs60876041	T	0.051
rs16952434	G	-0.0217
rs6499594	A	-0.0325
rs145433562	C	-0.0896
rs60415374	T	0.0219
rs142427895	T	0.0441
rs113923745	A	0.0309
rs1805012	C	-0.0319
rs71387129	A	-0.0534
rs12444295	A	-0.0218
rs62049416	A	-0.0692
rs34045448	G	-0.0868
rs60550343	A	-0.0196
rs12932332	A	-0.0437
rs274111	A	0.0217
rs2608176	A	0.0252
rs1118653	C	0.033
rs113668891	C	-0.1815
rs3765317	T	0.0285
rs1035530	A	-0.0209
rs74673761	C	-0.0829
rs1109545	T	0.0268
rs2581297	T	-0.0525
rs117583829	A	-0.0648
rs34841234	G	0.0308
rs12448634	T	-0.0893
rs147228232	C	0.0963
rs3936367	C	0.0204
rs144965654	T	0.0799
rs72787910	T	0.0353
rs7194384	A	0.0355
rs149693681	G	-0.1233
rs62059357	T	0.1355
rs115215048	A	-0.0838
rs59482817	G	0.0336
rs144496705	T	0.1001
rs8061519	A	-0.0374
rs117044247	A	-0.1099
rs4785100	G	-0.0265
rs2408012	A	-0.0211
rs62039118	T	-0.0432
rs77595829	C	-0.0592
rs144184593	G	-0.0946

rs1989806	C	-0.0266
rs116983423	A	-0.0567
rs78693703	T	-0.1209
rs7191822	A	-0.0213
rs59086517	C	0.1175
rs115446865	G	-0.0814
rs9673909	T	0.0309
rs56285139	A	-0.0882
rs79694343	A	-0.0427
rs75500141	C	0.0679
rs113742972	A	-0.1564
rs9929729	G	0.0298
rs545448	C	-0.0364
rs150345	G	-0.0634
rs113361007	A	-0.0761
rs149496739	A	-0.1979
rs117824271	G	0.1046
rs1698230	A	0.062
rs144076959	C	-0.0445
rs4786734	T	0.0369
rs147091470	G	-0.0975
rs9989429	C	0.0474
rs10852284	T	-0.0213
rs75146217	T	0.028
rs35716843	A	0.1142
rs4238922	A	-0.0232
rs226790	T	-0.0472
rs34249329	G	-0.0395
rs116988221	T	0.0561
rs77267589	A	-0.0642
rs77166887	T	0.0875
rs111819819	T	0.0828
rs12918345	G	0.1054
rs12596374	A	-0.066
rs34436074	G	0.0864
rs2191421	C	-0.0201
rs1364309	A	0.0202
rs144915923	A	0.1366
rs62029750	T	0.0247
rs12932768	G	-0.0251
rs13332249	C	0.0217
rs117178556	T	-0.0851
rs11640282	T	-0.0602
rs151233044	A	-0.1501
rs4784090	C	-0.0258
rs7196279	A	-0.0212
rs11865162	A	0.0297

rs118040676	T	0.0857
rs117675483	T	-0.1236
rs74034244	G	0.0483
rs150451298	T	0.1084
rs8047896	G	0.0937
rs56261892	G	-0.0417
rs837356	C	-0.0222
rs149361073	G	0.0749
rs77414710	A	-0.0817
rs310011	A	0.0201
rs35784	T	0.0262
rs42188	G	0.0231
rs2521669	A	-0.0607
rs118176311	A	-0.2155
rs72782460	A	-0.0504
rs17766975	C	0.0273
rs71395879	A	0.133
rs11076693	G	0.0358
rs72794443	G	0.0465
rs78298600	G	-0.1004
rs4074055	T	0.0424
rs117095943	A	0.1223
rs11866401	A	-0.0199
rs1561219	A	0.0273
rs17676758	G	-0.0321
rs74659422	A	-0.0723
rs72774248	A	0.1357
rs825589	G	-0.0322
rs11862306	C	0.0272
rs28437587	T	0.0911
rs146539209	C	0.0628
rs62031064	T	-0.1934
rs72780703	T	-0.0309
rs7199574	A	-0.0926
rs72780015	G	0.0374
rs4536480	T	0.0251
rs142809510	A	0.138
rs77656258	A	0.088
rs11640817	A	0.0462
rs80204559	A	-0.0314
rs57735823	T	0.0235
rs6499196	T	0.0212
rs7195268	A	-0.0202
rs12446146	A	-0.0276
rs117086921	G	0.1001
rs3093406	T	-0.049
rs6564771	G	-0.0232

rs111764445	T	0.1345
rs140049091	T	-0.1165
rs28636593	T	-0.039
rs1541646	G	0.0291
rs75003587	G	-0.034
rs116861767	T	-0.17
rs62043236	T	-0.037
rs8063355	A	0.0224
rs149520540	G	0.0756
rs2966321	T	0.0401
rs7187869	A	-0.0278
rs9972773	T	0.0346
rs12933971	T	-0.0215
rs13334846	G	-0.0475
rs209445	A	-0.021
rs117741666	G	-0.0556
rs9939778	C	0.0749
rs117372390	A	-0.109
rs16948912	A	-0.0295
rs73577642	A	-0.1011
rs147432851	T	0.0717
rs61616536	T	-0.0426
rs17139207	G	-0.0332
rs76397856	T	-0.0701
rs118126830	G	0.1986
rs77737484	C	-0.0367
rs74020097	G	0.036
rs11648147	G	-0.021
rs8057452	T	-0.0234
rs60966172	C	0.0403
rs142851958	C	-0.1402
rs376490	T	0.0201
rs7204882	A	-0.0306
rs117585987	T	-0.0688
rs112089458	A	0.0545
rs4078469	A	0.0227
rs2238510	A	-0.0235
rs118171190	C	-0.0774
rs2238484	T	-0.0284
rs980778	G	-0.0198
rs62048243	C	0.0741
rs8056042	A	-0.0291
rs12149201	C	-0.0849
rs3865197	A	-0.0368
rs79703673	C	0.142
rs55778557	A	0.1343
rs80121840	C	-0.1074

rs118025904	A	-0.1367
rs8051558	G	0.0343
rs72796400	G	0.0849
rs11640249	T	-0.0201
rs76854997	T	-0.0512
rs7199631	T	-0.0271
rs112996786	T	-0.0972
rs117492053	T	0.118
rs118070122	C	0.094
rs117894131	T	-0.0933
rs13339159	T	0.1122
rs898965	T	-0.0195
rs142012974	T	-0.0616
rs72806631	A	-0.1056
rs11865650	T	-0.1414
rs4519348	C	0.0271
rs9939802	G	0.0229
rs12932055	C	0.0981
rs142659346	A	0.0977
rs145355551	T	0.1596
rs9940989	G	-0.0291
rs35316276	T	-0.024
rs809377	T	0.0751
rs8044504	G	0.0306
rs11150439	C	-0.0343
rs150159823	G	-0.1248
rs75434134	A	0.1449
rs34062199	A	-0.0462
rs62015538	A	0.0802
rs35090860	T	-0.0289
rs35025581	T	-0.024
rs8057993	C	0.0815
rs62029896	A	0.0223
rs28671389	G	-0.0936
rs11150387	T	-0.0378
rs74025914	T	0.0801
rs4786120	C	-0.0281
rs117063739	C	-0.0966
rs28473390	G	-0.1403
rs767888	T	0.0329
rs78561658	A	0.043
rs148470727	T	0.1238
rs34838583	T	0.0688
rs117711077	C	-0.1716
rs118152460	C	0.1297
rs62015933	G	-0.12
rs2248002	T	0.0199

rs116928705	T	0.0743
rs2271300	G	-0.0295
rs11648111	T	-0.0449
rs72791248	T	0.0342
rs117072811	A	0.1393
rs204030	A	0.0216
rs16945581	A	0.0327
rs74339830	T	-0.0741
rs111431473	C	0.0342
rs62036185	C	0.0243
rs78691040	C	0.1142
rs11643155	T	-0.0263
rs4787914	C	0.0289
rs34210843	G	-0.0324
rs12923401	G	0.026
rs16952029	A	-0.0251
rs62051668	A	0.0276
rs72776134	G	-0.1327
rs34576796	G	0.0197
rs12928782	C	0.0344
rs149467820	A	-0.1469
rs72769559	C	-0.035
rs12444753	A	0.0732
rs572481	G	0.0278
rs72813981	T	-0.023
rs9939603	C	-0.0702
rs7198372	T	0.0229
rs117412673	A	-0.0985
rs11644698	T	0.0257
rs79536181	A	0.0944
rs35867147	A	0.0222
rs34071766	G	-0.0337
rs113629870	T	-0.0264
rs10431969	T	-0.066
rs724185	C	-0.0252
rs4782559	G	-0.0242
rs113613943	G	0.0565
rs62038601	G	-0.0202
rs72768767	A	0.0564
rs141163053	G	-0.1219
rs8050983	T	0.0753
rs72779912	T	0.065
rs144153814	C	-0.1362
rs9938849	A	0.035
rs9674333	C	-0.0277
rs17774701	C	0.0483
rs74786645	C	-0.0892

rs76267236	T	0.0658
rs147355871	A	-0.09
rs9924099	G	-0.0436
rs12446360	T	-0.0254
rs4783024	C	-0.0203
rs112120196	A	0.1119
rs9937113	T	-0.0338
rs117386293	C	-0.0706
rs2052578	G	-0.0268
rs77270648	T	0.0689
rs28529286	T	-0.0471
rs143085796	A	-0.1477
rs3859109	A	0.0203
rs2644990	C	0.0298
rs7498798	G	0.0247
rs74029545	G	0.0511
rs76365120	C	-0.0439
rs143300670	C	0.069
rs148078996	G	-0.0722
rs1060253	C	-0.022
rs2194278	G	-0.0252
rs7204471	T	-0.0343
rs9933058	T	-0.062
rs8045981	T	-0.0355
rs150083236	C	-0.0713
rs4602043	T	0.0215
rs12918434	T	-0.0427
rs8048286	G	0.0208
rs4432259	A	0.0255
rs62048398	A	0.047
rs55876907	T	0.0613
rs80171712	T	0.0632
rs72797912	C	0.0478
rs11645317	T	-0.0308
rs2858055	G	0.0313
rs113930590	T	-0.0336
rs12444397	C	-0.0215
rs60699388	C	0.1131
rs79314300	G	0.0483
rs12596655	C	-0.0279
rs74410132	T	0.0701
rs117295513	T	-0.0549
rs2457192	C	-0.0226
rs72768997	G	0.046
rs62031387	G	0.0556
rs17821532	A	-0.0833
rs1530883	G	-0.0262

rs143484448	T	0.099
rs147801602	A	-0.0686
rs117032784	T	-0.0423
rs117415697	C	-0.1029
rs9972661	T	-0.02
rs12930451	G	0.0263
rs78792101	T	0.0668
rs1486443	T	0.0313
rs117025877	T	-0.048
rs2068142	A	0.022
rs62057532	G	0.0493
rs111573254	A	0.0395
rs251796	G	0.0203
rs117903220	C	0.1299
rs75739718	C	-0.0458
rs2549733	T	-0.0567
rs62040065	A	-0.0302
rs117369753	T	-0.1445
rs111931917	G	-0.0442
rs9934119	G	-0.047
rs7359389	C	-0.025
rs34191163	T	0.0556
rs12448841	T	0.0229
rs7204306	T	0.0202
rs139588566	G	-0.1287
rs28529246	C	0.0636
rs140222202	A	-0.1282
rs3747579	C	0.0214
rs2073917	A	0.021
rs117418436	C	-0.0996
rs3849255	C	0.0199
rs742460	T	0.0222
rs17680152	T	-0.0415
rs113167560	G	-0.069
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rs72792049	T	0.0425
rs4785434	T	0.0468
rs34955050	T	-0.0205
rs117006362	T	-0.1219
rs13332556	G	0.027
rs59727684	T	0.1285
rs17249128	G	0.0198
rs4949122	T	0.0803
rs3859032	G	0.0349

rs17834603	T	-0.0498
rs146633294	C	0.072
rs1437441	A	0.0523
rs137891146	C	-0.111
rs183645	A	-0.0856
rs9931775	T	-0.0202
rs7199247	A	-0.0424
rs3785059	T	-0.0233
rs3809678	T	-0.0366
rs57156891	A	-0.0314
rs76481247	G	0.0925
rs11117266	G	0.0283
rs7188882	G	0.02
rs1641831	A	0.023
rs8051360	G	-0.0761
rs1975909	C	0.0243
rs74003890	C	-0.0339
rs11647140	A	-0.0213
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rs145149925	C	-0.0543
rs138619337	G	-0.0987
rs151179233	A	0.1637
rs11645564	A	0.0607
rs6501157	C	0.033
rs150732	T	0.0196
rs4786811	G	-0.0903
rs7189018	C	0.1244
rs117404369	C	0.0947
rs1420281	C	0.0366
rs17673191	A	0.0437
rs13330994	A	-0.0188
rs760024	C	0.086
rs6499660	A	-0.019
rs114206112	T	-0.1281
rs8048662	A	0.0354
rs7202635	C	-0.0689
rs76341824	C	0.0881
rs1477023	A	-0.0215
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rs117925494	T	0.0534
rs117952968	A	-0.1029
rs77301479	G	0.0742
rs7501371	G	0.023
rs12932003	G	0.0267
rs11865264	G	-0.093
rs60618653	C	0.0862
rs6564676	C	-0.0397

rs76921510	A	0.0748
rs34338444	C	-0.0318
rs76684685	C	-0.0623
rs79570627	G	0.0293
rs8191489	G	-0.0254
rs16957419	G	0.1191
rs7200514	C	-0.0187
rs249280	A	0.024
rs2136662	G	-0.0321
rs79411261	T	0.083
rs9788880	C	-0.0187
rs74691614	T	-0.0616
rs8052723	T	0.0205
rs1895515	G	0.019
rs42762	G	0.0246
rs117818985	A	-0.1055
rs11640479	T	0.0291
rs76361179	A	-0.0624
rs35988762	C	0.0952
rs145457103	G	-0.1615
rs237199	C	-0.021
rs12931065	A	-0.0204
rs149412001	T	-0.1429
rs76371409	G	0.1096
rs3093298	T	-0.0431
rs1424034	C	-0.0202
rs12927600	A	-0.0216
rs141398300	C	0.0878
rs57095566	G	-0.0285
rs12598455	A	-0.0326
rs28460707	G	-0.0355
rs7200759	G	0.0192
rs78372968	G	0.0716
rs13336997	C	0.0262
rs75570973	A	-0.0397
rs112836251	A	0.0309
rs56050013	C	0.0526
rs11643780	A	-0.0457
rs215037	G	0.0668
rs72770968	G	0.0344
rs2967315	C	-0.0338
rs35387179	A	0.0553
rs12930556	C	0.0195
rs148964336	G	-0.0823
rs17617419	A	0.0879
rs6564673	A	-0.0263
rs4843584	A	-0.0802

rs11643080	C	-0.0214
rs57536244	C	0.0749
rs112966684	C	0.1133
rs113316939	T	0.0565
rs12932116	T	-0.0201
rs16956040	T	0.0253
rs118159134	A	0.1429
rs56134451	T	-0.0212
rs140735622	A	0.1095
rs74655261	T	0.1394
rs72774630	C	-0.0228
rs13332660	T	0.0271
rs72766650	A	0.0376
rs17223484	G	0.0502
rs812418	T	0.0267
rs11640472	A	0.0453
rs117134614	C	-0.0995
rs9936273	T	0.0188
rs141511974	A	0.1473
rs35574953	T	-0.0675
rs4843680	T	-0.0234
rs78442210	C	0.0494
rs61403714	T	-0.1309
rs8060252	A	0.0428
rs113841112	C	-0.0828
rs7198517	T	0.0242
rs117577852	C	-0.1187
rs8052414	C	-0.02
rs8061297	A	0.0217
rs7204028	A	0.0256
rs323070	T	0.0251
rs111343819	G	0.1234
rs1344524	A	0.0521
rs16957487	C	-0.0661
rs889527	G	0.0769
rs35524209	G	0.0305
rs115308643	G	-0.121
rs4783276	C	-0.0188
rs146074236	G	0.084
rs11076659	G	-0.0336
rs4036	A	-0.033
rs2615009	T	-0.03
rs75520381	G	-0.1096
rs8058892	A	0.0318
rs17680796	T	0.0199
rs61743547	T	0.1549
rs111397090	G	0.0861

rs4843914	C	-0.023
rs72622245	A	0.0254
rs118123311	T	0.1057
rs17823439	T	-0.0912
rs12599779	G	0.1206
rs79540293	A	-0.094
rs118172847	G	-0.1285
rs34593825	A	0.1339
rs8051996	C	0.0211
rs78422124	C	0.0823
rs4325553	C	0.063
rs9929225	T	0.0302
rs143518743	T	0.1154
rs7184264	T	0.0877
rs78580335	C	-0.0642
rs3790095	T	0.0262
rs436838	A	0.0188
rs75652260	A	0.1217
rs62057899	C	-0.0195
rs1875935	A	-0.033
rs2238499	A	-0.0203
rs113247865	C	0.081
rs72784359	C	-0.0935
rs79748267	T	0.0866
rs62033230	C	-0.0743
rs28562171	C	-0.0523
rs112771053	A	-0.0854
rs74541430	A	0.171
rs11646103	C	0.0304
rs4783191	T	-0.0388
rs112486543	C	-0.0389
rs2745007	G	-0.0188
rs143160729	T	0.0633
rs140928160	G	0.0851
rs118179729	C	0.1434
rs62035972	T	-0.0838
rs74489952	A	-0.0659
rs139446836	A	-0.0938
rs79446191	G	-0.1058
rs9928754	G	0.0257
rs10492795	A	-0.0433
rs147965979	C	-0.1332
rs510862	T	-0.0259
rs11646264	T	0.0381
rs62049825	C	0.0333
rs8055393	A	-0.0244
rs147311206	C	-0.064

rs76490247	T	0.0542
rs79401427	C	0.0682
rs406233	G	-0.0246
rs79883682	T	0.0901
rs145094100	C	0.0845
rs111877891	T	0.1085
rs11860379	C	0.0249
rs72773159	A	0.0982
rs73583372	C	-0.0592
rs770764	T	0.0637
rs59177125	G	-0.0253
rs72790186	C	0.0264
rs442725	G	-0.0342
rs115032148	G	0.0877
rs11645314	G	-0.0617
rs8055953	C	-0.0195
rs11864226	T	0.0716
rs17241676	T	-0.0212
rs9932704	G	0.0205
rs116951427	T	0.0697
rs34203488	T	-0.0245
rs138624246	G	0.0725
rs144959997	C	0.1061
rs149910877	C	0.1206
rs75285889	G	0.0616
rs117240558	G	-0.0617
rs113395428	A	0.0682
rs73589415	T	0.1113
rs889489	A	0.0592
rs4783163	C	0.0296
rs7196744	C	-0.0241
rs4784388	T	-0.0242
rs138564395	C	-0.1387
rs146050680	T	-0.1446
rs117649453	C	-0.1476
rs7499133	C	-0.0226
rs117947475	G	0.0414
rs28510931	G	0.0445
rs72791560	T	0.1069
rs13332200	T	0.0213
rs2054700	C	0.034
rs16949558	T	-0.0464
rs78581868	G	-0.08
rs11077111	C	-0.0236
rs12922722	C	-0.0652
rs55915882	G	-0.1357
rs72787379	G	0.0363

rs972896	T	0.052
rs55802298	A	-0.0483
rs117160776	T	0.0421
rs78690039	A	-0.0352
rs13332362	G	-0.0192
rs77103795	T	-0.0629
rs148986720	T	0.1217
rs10514475	A	0.0358
rs11646607	G	0.0224
rs7185577	A	-0.0825
rs62033597	G	-0.044
rs7201177	C	0.021
rs112503049	G	-0.0496
rs4556811	C	-0.0189
rs62036196	G	0.0203
rs2299672	C	-0.0206
rs4464071	C	0.0192
rs11863412	A	-0.0316
rs4782645	A	0.0675
rs11548970	G	-0.058
rs77380151	A	-0.1395
rs11647535	G	0.0475
rs9929530	C	-0.0252
rs72777339	T	0.0821
rs117370715	G	0.0958
rs6564577	A	-0.021
rs117801845	C	-0.0906
rs17324665	G	-0.048
rs7189129	G	-0.0751
rs16956811	G	0.0326
rs7190987	T	-0.0281
rs62040176	T	0.058
rs11640968	A	0.0325
rs4784198	A	-0.1039
rs141962607	A	-0.0694
rs7195120	T	-0.0815
rs11866313	C	-0.048
rs117703072	T	0.0848
rs7202603	A	-0.0239
rs113531885	T	-0.0754
rs247038	C	0.0218
rs4150168	A	-0.0403
rs143760364	C	-0.0983
rs10492855	T	0.0566
rs12928265	C	0.0188
rs17288766	T	-0.0224
rs17748572	C	-0.0379

rs4783768	G	-0.02
rs62041533	G	0.0248
rs10514545	A	-0.0182
rs11646540	A	0.0422
rs1592543	G	-0.0229
rs2271947	A	0.0771
rs34810494	G	0.1298
rs117609228	A	-0.0747
rs8056831	G	0.0206
rs12933652	A	0.0224
rs150727	A	-0.0343
rs13334594	C	-0.0336
rs118046876	G	0.096
rs62016218	T	-0.0669
rs62030403	G	0.0274
rs56395055	T	0.0555
rs12926092	T	0.0254
rs143610282	A	-0.0683
rs2326282	A	0.0369
rs12446711	G	-0.0379
rs11558171	A	-0.0638
rs8044280	G	-0.0265
rs142367768	T	-0.1049
rs13333249	C	0.0277
rs11640700	G	0.0196
rs149388569	A	-0.0956
rs4787896	A	-0.023
rs9939045	A	0.0238
rs28368111	C	0.0694
rs117723630	T	0.0508
rs75996403	G	-0.0799
rs4374193	A	-0.0387
rs3991716	A	-0.0205
rs276987	C	-0.0211
rs1553284	G	0.034
rs9940714	G	0.02
rs35467625	A	0.0295
rs480474	C	0.0447
rs4780959	A	0.0272
rs144111857	G	0.0809
rs9930961	A	-0.0752
rs117411473	C	-0.0926
rs76977980	T	0.0984
rs117740671	G	-0.1167
rs2914448	T	-0.0238
rs71404153	C	0.1562
rs113012856	A	-0.046

rs149410341	C	0.1101
rs149628663	A	0.1328
rs5743263	C	0.0569
rs116892893	C	-0.1073
rs758456	T	0.0315
rs9674088	T	-0.0259
rs8051083	T	0.0481
rs9923775	G	0.0231
rs75582920	G	-0.0735
rs140529673	T	0.0714
rs4780754	C	0.0377
rs34676612	C	-0.043
rs55906624	T	0.0268
rs117557528	C	0.1078
rs35349949	C	0.0246
rs3815805	T	0.0336
rs11647637	G	0.0272
rs274113	A	-0.0219
rs80177630	G	0.0996
rs34457954	G	0.0499
rs4260059	G	0.0246
rs140405111	A	-0.1314
rs117910159	T	0.0679
rs7201297	A	-0.0188
rs79054096	A	-0.0284
rs79611374	T	-0.0726
rs76076890	C	0.088
rs7206587	G	0.0415
rs112372529	A	-0.0972
rs79704612	G	0.0496
rs250294	C	0.0231
rs111518155	T	0.0436
rs35375024	G	0.0255
rs16947716	G	-0.0348
rs1502425	A	0.0228
rs4148356	A	0.0903
rs78062191	T	0.0721
rs7202860	T	0.0547
rs139732721	G	0.1421
rs147829463	T	-0.094
rs74941592	C	-0.0735
rs9940601	A	0.0223
rs29594	T	0.0246
rs74363672	G	0.1261
rs7199364	T	0.0235
rs1450360	A	0.0231
rs352939	A	0.0193

rs146113884	A	0.0879
rs17670718	C	-0.0268
rs17370142	T	0.0314
rs149849576	G	-0.065
rs74544634	T	0.0819
rs968461	T	0.0239
rs11647014	T	0.0604
rs57645029	G	-0.0303
rs111903897	G	-0.0598
rs58190835	G	-0.0361
rs1268753	A	0.0495
rs7184322	G	-0.0206
rs2285053	T	-0.0417
rs7189096	A	-0.0431
rs12930780	T	-0.0713
rs4534865	C	0.0198
rs1167513	T	0.0433
rs2098740	C	0.079
rs1052167	T	-0.1103
rs144472366	G	0.0977
rs4347618	A	0.0323
rs2070896	C	-0.0196
rs117722333	T	0.1236
rs12920353	T	0.0179
rs150926283	T	0.1102
rs62015748	C	0.0758
rs11641364	A	-0.1273
rs80298407	T	0.0554
rs56147428	T	0.0616
rs28695848	T	0.0692
rs8053589	T	0.0188
rs8044673	A	0.0347
rs4371152	A	-0.0819
rs7188622	A	-0.0183
rs17312221	C	0.0318
rs112610654	C	-0.068
rs247409	C	-0.071
rs12922902	C	-0.0279
rs145310323	T	0.0877
rs117121893	T	0.0988
rs1424075	A	0.0453
rs76445584	A	0.0863
rs148516722	C	0.1238
rs7185721	A	0.0673
rs7197677	G	0.0181
rs72774604	A	0.0327
rs146496186	C	0.1035

rs117281996	T	-0.0503
rs116942064	A	-0.155
rs78234457	T	0.059
rs112940907	G	-0.0793
rs7192286	G	0.0221
rs246240	G	-0.0236
rs118058843	T	-0.0524
rs117566631	G	0.1151
rs60038949	A	-0.1323
rs34142641	G	0.0207
rs111247004	T	0.086
rs150634487	C	0.123
rs113061699	G	0.0754
rs79912986	A	0.0748
rs2234897	C	0.057
rs74995659	C	-0.0674
rs77571541	C	-0.0923
rs139739157	C	0.1358
rs116992649	G	0.1538
rs16953948	A	0.0236
rs12444207	G	0.1006
rs74245966	T	0.1042
rs113317695	C	-0.0377
rs216937	T	-0.0819
rs9930436	G	-0.0692
rs11647162	G	0.0336
rs111868199	T	-0.0409
rs111965935	C	-0.1054
rs142213419	T	0.1013
rs2550590	C	-0.0196
rs113166960	G	-0.0432
rs2032909	T	-0.0228
rs9928721	A	0.0465
rs215066	A	-0.0363
rs110367	T	0.0416
rs72788205	C	0.0305
rs77050553	G	-0.0365
rs75898183	T	-0.0699
rs35593502	T	-0.0329
rs71387113	T	0.0566
rs10500343	T	-0.0328
rs149992613	T	0.2349
rs73498813	C	0.05
rs57235061	G	0.0464
rs112153499	G	0.0522
rs56396178	G	-0.0643
rs79768219	A	-0.0596

rs116918604	G	0.0576
rs139230348	C	-0.1161
rs9938266	C	0.0182
rs140091359	T	0.0966
rs4334283	G	-0.019
rs77592518	T	0.0882
rs11644242	T	-0.0581
rs244827	A	0.0337
rs145877260	T	-0.1374
rs45506492	C	0.0729
rs35268137	C	0.0751
rs7194212	G	-0.0556
rs142054454	G	0.0534
rs11646969	C	-0.0311
rs74981560	G	0.15
rs113351865	C	-0.0802
rs2911357	G	0.0244
rs4528554	G	0.0183
rs114185095	C	0.0857
rs57070651	G	-0.081
rs62045913	A	-0.0717
rs11645556	C	0.0222
rs111481738	C	-0.1277
rs4783158	G	-0.0226
rs72793298	G	-0.1178
rs10514497	A	0.0176
rs11861938	A	0.0344
rs72622274	T	-0.0949
rs9635555	T	-0.0644
rs8063771	T	-0.0306
rs12599440	A	-0.0556
rs12918168	G	-0.0292
rs117035805	G	0.0659
rs117228896	T	-0.0778
rs4451952	T	0.0178
rs6499773	A	-0.0238
rs36014053	G	-0.0248
rs139424629	C	0.1042
rs9935597	A	-0.0761
rs4784961	T	-0.16
rs11862333	C	0.0592
rs75317373	A	-0.1051
rs4785177	C	-0.0316
rs34729950	T	0.0856
rs76988908	G	-0.0283
rs117540650	T	-0.0559
rs117074052	C	-0.062

rs116960152	C	-0.0881
rs4788007	T	-0.0193
rs36229786	C	-0.0236
rs337285	C	0.0214
rs141685981	T	-0.1198
rs57146646	G	0.0546
rs56240109	G	-0.0376
rs72762799	C	0.0254
rs72781990	T	0.0994
rs2122488	A	-0.0245
rs34342908	T	-0.0901
rs117162470	C	-0.1021
rs725457	T	-0.0237
rs12447847	A	0.0282
rs11644866	A	0.0982
rs7192572	A	0.0176
rs14272	A	0.0406
rs56041628	T	0.027
rs59931527	C	-0.0729
rs117253760	A	0.1524
rs7195898	C	-0.075
rs72810521	T	0.0885
rs78413347	G	0.0843
rs147343933	A	0.0795
rs117102033	G	-0.061
rs13339424	T	0.0334
rs8048521	T	0.0223
rs4427834	C	-0.0528
rs11862201	C	-0.0178
rs117704451	T	0.1534
rs12928573	A	0.0186
rs2110815	G	0.0195
rs79142258	G	0.0741
rs16948429	C	0.1273
rs72769038	A	-0.0771
rs2966231	T	-0.0236
rs2550752	C	0.0444
rs113867180	T	0.0943
rs4782398	G	-0.0214
rs145938986	A	0.1453
rs4785329	A	0.0177
rs75160718	T	0.0769
rs78838998	G	-0.0772
rs12711491	C	0.0189
rs8049845	T	0.0182
rs321480	A	0.0231
rs60379919	A	-0.0218

rs12598105	G	0.025
rs79617279	A	-0.0754
rs117990410	T	0.1255
rs9937123	A	0.0259
rs117008474	C	-0.1058
rs80212822	T	0.119
rs114175600	A	-0.0583
rs78128108	T	0.0818
rs7405164	A	0.0876
rs77158487	G	0.0299
rs79574448	G	0.0604
rs117415724	C	0.0889
rs28642088	T	-0.0179
rs72778825	A	0.0362
rs75806692	G	0.1351
rs12923615	G	0.0307
rs9924336	T	0.0304
rs2531982	G	0.0223
rs77206483	C	-0.0947
rs9921508	T	0.0806
rs72802281	A	-0.0188
rs146178587	A	-0.1267
rs7201113	A	0.0906
rs73546877	T	0.0742
rs72797610	T	-0.0223
rs7198150	T	-0.0355
rs34032619	A	-0.0599
rs8049570	G	-0.0231
rs13334400	T	-0.0177
rs72789742	A	0.0294
rs141856111	T	-0.0892
rs1530787	G	-0.0181
rs10500510	G	0.0222
rs7189059	C	0.0249
rs76931085	T	-0.063
rs113553685	G	0.0782
rs17233378	C	-0.1042
rs12447867	A	0.0773
rs56106828	T	0.0273
rs117072577	A	-0.0919
rs117832727	C	-0.0725
rs12051199	C	0.0324
rs117349012	A	0.1068
rs74033340	A	0.128
rs144801506	A	0.0383
rs60030426	C	0.0623
rs9929613	A	-0.0266

rs72792759	C	-0.0588
rs117125661	T	0.0728
rs113896694	T	0.0448
rs62026374	T	-0.0497
rs111419313	T	0.0688
rs149614636	T	0.0774
rs71386462	T	-0.119
rs145066034	A	0.0847
rs116892824	T	0.0632
rs12443693	C	0.0255
rs11150049	A	0.0226
rs150130614	A	-0.1026
rs74525577	A	0.0858
rs16964980	G	-0.0728
rs76949764	T	0.0371
rs8059570	A	-0.0301
rs72778432	C	0.1276
rs2741897	G	-0.0596
rs75755709	A	0.0474
rs113237131	C	-0.0497
rs117872337	T	-0.095
rs148170541	G	-0.1274
rs871066	T	-0.0917
rs143366572	T	0.1192
rs4533312	G	-0.0575
rs61052748	T	-0.0316
rs12921740	C	-0.0174
rs139213523	G	0.0499
rs16972157	C	0.0248
rs9923515	C	-0.0238
rs12925538	T	-0.0439
rs143264471	T	0.0558
rs117604214	C	-0.132
rs118127265	A	0.0711
rs12598688	C	0.0175
rs76625591	C	-0.0374
rs117423433	C	0.0843
rs11150437	C	0.0882
rs7188960	A	-0.0325
rs1794236	T	0.0175
rs141745387	G	0.0847
rs62050090	T	-0.0249
rs4786938	T	-0.0194
rs11074970	A	-0.0219
rs78668131	C	-0.084
rs34405083	A	-0.0231
rs62027380	C	-0.059

rs117744184	A	-0.0895
rs11648800	A	-0.0247
rs117150769	A	0.072
rs1919045	G	0.0178
rs66546652	G	0.0265
rs79146877	A	0.0704
rs139168126	G	-0.1288
rs28812625	G	0.0556
rs10083745	A	0.0357
rs6498461	T	0.0249
rs79144925	T	-0.0432
rs4781249	C	0.0308
rs149352669	A	0.0637
rs35859010	T	-0.0354
rs7188563	T	0.0773
rs1862806	C	0.0218
rs34869810	A	-0.0492
rs116968489	T	0.0836
rs13336250	G	0.02
rs4072700	C	0.0229
rs77152809	C	-0.1194
rs112118283	T	0.0835
rs143643371	G	-0.1477
rs35159009	T	0.0186
rs138712433	G	0.1437
rs114282573	C	0.0513
rs2580287	C	0.0195
rs2729594	C	0.0328
rs10444993	A	0.1788
rs72789321	A	0.1038
rs17138415	G	0.0253
rs150748	C	-0.0781
rs143583195	G	0.0751
rs116144755	T	-0.0993
rs4538030	A	-0.0192
rs116437534	C	0.0792
rs11646857	A	-0.0203
rs7200617	G	0.0536
rs58600013	T	-0.0548
rs8057273	G	0.0321
rs1123925	C	-0.0175
rs2868584	A	-0.0703
rs113031876	A	0.0731
rs12934742	C	0.0218
rs117663276	C	-0.0718
rs10852427	T	0.0416
rs8055891	C	-0.0402

rs143292206	C	-0.0839
rs78014902	T	-0.069
rs2646141	C	-0.0308
rs35895237	A	-0.0336
rs60084658	G	0.1149
rs11547311	T	0.0803
rs11646409	A	0.0176
rs116951809	T	0.0483
rs12599865	A	0.0331
rs9924210	C	0.0343
rs28488717	T	0.0756
rs17652120	G	0.0243
rs58340675	G	0.053
rs8050048	C	-0.0213
rs16941627	G	-0.0252
rs62051175	G	-0.0573
rs8054206	C	-0.0932
rs7194361	T	0.0365
rs1903623	G	-0.0186
rs204022	T	-0.0241
rs117668572	T	0.0936
rs146738020	G	-0.0803
rs112145218	T	-0.0609
rs148053833	T	0.0669
rs75428580	G	-0.0629
rs113428225	G	0.0425
rs141136123	A	0.0885
rs149589156	C	0.0779
rs2520007	C	0.0336
rs62043281	G	0.0255
rs12934400	C	-0.0227
rs117621851	T	-0.0926
rs475513	A	-0.0213
rs10521303	T	-0.017
rs12930607	T	-0.024
rs974576	T	-0.0206
rs146064211	T	0.1259
rs78944018	T	-0.0775
rs11648592	A	0.0683
rs80204300	G	0.0843
rs12922830	T	-0.0231
rs148158724	G	0.1335
rs78765188	G	-0.1116
rs12926924	C	0.02
rs8049662	C	-0.0195
rs75032475	C	-0.1635
rs66533783	A	-0.0801

rs72814499	C	0.0206
rs112433356	G	0.0823
rs56785408	C	-0.0704
rs62057890	T	-0.107
rs12598704	A	-0.0333
rs116926826	T	0.0783
rs4786099	A	-0.0328
rs117174171	C	-0.0425
rs142803978	T	-0.0885
rs138582413	C	-0.0996
rs145364028	T	0.0798
rs12927771	C	-0.0306
rs1032267	A	-0.0252
rs11642752	G	-0.0253
rs142044268	A	-0.1271
rs247389	G	0.042
rs34205151	A	-0.0511
rs17831015	A	-0.0204
rs76808759	C	-0.0541
rs8053333	G	-0.0181
rs61285389	A	-0.0479
rs619994	C	-0.0201
rs66898937	C	-0.0456
rs57648581	C	0.117
rs79869481	T	-0.0709
rs62056527	C	0.0942
rs117060478	A	-0.0711
rs77749886	A	0.1069
rs78356736	A	0.0662
rs116744735	T	-0.1484
rs4780946	G	-0.0273
rs195867	C	-0.027
rs8053694	C	-0.0222
rs4967999	T	0.0197
rs116808690	C	0.0829
rs117030214	C	-0.0855
rs16947741	T	-0.0529
rs7199000	C	-0.0218
rs78755201	T	-0.0428
rs78388360	G	-0.0978
rs72775600	A	0.0469
rs2107118	A	-0.0193
rs1423826	T	0.025
rs1646073	G	-0.018
rs117999051	T	0.0538
rs2319723	C	-0.0212
rs8048383	C	-0.0171

rs117384511	G	-0.0664
rs8182131	A	0.0261
rs62051537	T	0.0418
rs8046826	G	-0.0193
rs58141561	T	0.0351
rs72633298	A	0.0464
rs114323062	T	-0.1078
rs74785046	T	-0.0957
rs35130291	C	0.0189
rs2230428	A	0.0236
rs35708934	T	0.0826
rs76099643	C	-0.1051
rs288609	T	0.021
rs9933610	C	-0.0281
rs141267743	T	-0.0731
rs62035801	T	-0.0451
rs39542	A	-0.0246
rs12444388	C	-0.0173
rs77382666	T	-0.1245
rs7204041	C	-0.0308
rs41305763	A	0.0596
rs4784335	T	-0.0181
rs6420412	C	0.0342
rs17678811	T	0.0308
rs72791654	A	-0.1396
rs72798612	G	0.0541
rs76065136	A	-0.0731
rs55963616	C	-0.0181
rs117543333	A	-0.0583
rs117647255	T	0.0804
rs17624311	G	-0.0509
rs75159109	G	-0.0341
rs2428136	T	-0.0396
rs117733880	A	-0.0603
rs141462423	A	0.0529
rs113984487	G	-0.0239
rs1971678	A	0.0295
rs4843542	A	0.022
rs1981763	C	0.0243
rs1016713	G	-0.0182
rs58436692	G	-0.0177
rs4888428	C	0.0206
rs62042709	A	-0.0385
rs12932493	A	0.0187
rs7185803	A	0.0202
rs141652736	C	-0.0651
rs146160507	G	-0.0768

rs79503983	C	-0.0655
rs148993892	A	0.1049
rs11149609	G	0.0207
rs2869599	T	0.0285
rs12925602	A	-0.0296
rs140808005	C	-0.126
rs158479	G	-0.0173
rs11074787	C	-0.0242
rs11074732	G	0.0184
rs12446433	A	-0.0425
rs113856130	C	-0.0701
rs722314	A	-0.0171
rs56776509	G	0.0806
rs144831606	C	0.0428
rs142399152	C	-0.1883
rs620942	T	-0.0256
rs9889087	C	-0.0862
rs17668674	G	0.0279
rs117342986	T	-0.0551
rs12102279	A	0.0359
rs62036796	C	-0.0306
rs117904451	A	0.1009
rs13333957	C	-0.0178
rs3935368	T	0.0223
rs62059501	A	0.0231
rs17752649	A	0.1187
rs72792516	C	-0.0539
rs139510680	C	0.0967
rs13336525	T	0.0713
rs41286695	T	-0.0381
rs62033296	T	0.0436
rs9931377	G	0.0183
rs57063756	G	0.0242
rs3730405	T	0.0717
rs3852736	C	0.0178
rs78419836	C	0.0873
rs16959943	C	0.0325
rs8054462	A	-0.0237
rs72485966	G	0.0726
rs4786025	G	-0.0302
rs76120220	T	0.0489
rs4784842	T	-0.0231
rs1167960	T	0.0306
rs116977116	G	0.094
rs4786721	T	-0.0234
rs62056196	A	-0.0754
rs4078331	T	0.0184

rs142747102	C	-0.0873
rs11640201	T	0.0272
rs6499936	A	-0.0602
rs137873456	A	-0.0746
rs56143008	A	-0.0317
rs10163313	G	-0.0273
rs62030625	G	0.0953
rs9938450	G	0.0607
rs73485893	A	0.0358
rs7197199	C	-0.0352
rs355954	T	0.0429
rs75608581	G	-0.1506
rs41211	G	-0.0214
rs6563978	C	0.0433
rs13338958	A	0.026
rs74628103	C	0.049
rs77222582	C	0.0973
rs72784276	T	0.1205
rs72789940	G	0.1087
rs62033290	C	0.1067
rs9936395	T	0.0235
rs17260427	T	0.0289
rs1125496	C	0.022
rs62042250	A	-0.0603
rs237138	C	0.0179
rs16944687	G	-0.0375
rs11639576	T	0.0186
rs9935759	T	0.0568
rs62027020	A	-0.0245
rs71387012	C	0.0364
rs11646554	T	0.0333
rs6563944	A	0.0179
rs4782511	T	0.0203
rs7404695	G	-0.0379
rs8051606	T	0.0172
rs111343643	G	0.0862
rs385883	G	0.0212
rs117300597	T	0.1048
rs12448952	G	-0.0218
rs11864457	C	0.0733
rs77691550	A	-0.105
rs9941112	A	0.0169
rs2042405	G	0.0369
rs79058539	T	0.1568
rs4782640	C	-0.0229
rs72780846	T	0.0323
rs12931892	T	-0.0205

rs148655435	T	-0.0645
rs77754249	G	-0.0748
rs79499137	A	-0.0458
rs117677039	A	-0.1076
rs62060339	T	0.0327
rs2432541	T	0.0732
rs75021996	G	-0.0381
rs11639900	T	-0.0284
rs79118815	A	0.0515
rs11649290	T	0.0233
rs117365265	A	0.0752
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rs143174500	A	0.0489
rs17139955	G	-0.0639
rs149171179	T	-0.072
rs72830285	C	0.0333
rs1806488	C	-0.023
rs55781181	G	0.0217
rs2229317	G	-0.1224
rs885157	T	-0.0248
rs13338180	T	-0.0184
rs148653936	G	0.0696
rs11640651	A	-0.0317
rs57759319	T	0.032
rs28621604	T	0.0564
rs75271667	A	-0.082
rs3785057	T	-0.0303
rs118085768	G	0.0665
rs142656671	A	0.1057
rs72767145	A	0.0697
rs79804524	T	0.0461
rs117911950	G	-0.0462
rs4783095	G	-0.0161
rs56847822	T	0.0283
rs41205	A	0.0197
rs77182920	A	0.0744
rs72807635	T	-0.0398
rs142253471	T	-0.082
rs142039542	T	0.1189
rs117834606	G	-0.1131
rs72788290	A	0.0796
rs7204236	C	0.0168
rs237193	T	0.0242
rs78279944	A	0.1442
rs112552900	C	0.075
rs2187675	G	-0.0237
rs2326169	C	-0.0168

rs35795524	C	0.0368
rs1981642	A	0.0169
rs12595886	A	0.0325
rs76230500	T	0.0805
rs141300895	T	-0.0876
rs72770929	G	0.0493
rs17539320	T	-0.0904
rs12596789	C	0.0183
rs1143688	T	-0.0181
rs4354918	T	0.0168
rs908990	A	0.0492
rs76288247	T	-0.0667
rs1994653	C	-0.0198
rs9934057	A	-0.0178
rs36019	T	-0.0217
rs12935838	A	0.0192
rs208964	A	0.027
rs74381076	T	0.0568
rs77950672	G	0.0839
rs12931681	G	-0.0227
rs142947526	A	-0.0648
rs4781392	A	-0.0494
rs117845101	G	-0.0431
rs17704330	T	-0.0185
rs4784903	G	0.0587
rs74024602	A	0.0851
rs8051114	T	0.022
rs144702881	G	-0.1057
rs9937932	A	-0.026
rs12149630	A	-0.0334
rs729318	T	-0.0248
rs12918438	T	-0.0807
rs4264397	A	-0.0174
rs384971	T	-0.0236
rs111621111	A	-0.1234
rs12928362	T	0.0182
rs12708983	C	0.079
rs11074722	A	0.0264
rs1946151	A	-0.0193
rs11076844	T	-0.0185
rs10744990	A	-0.0232
rs111980838	G	-0.1215
rs118134831	A	-0.0589
rs3830141	T	0.0309
rs113688919	C	0.0934
rs1861536	T	-0.0318
rs11859573	A	0.0219

rs34563066	T	-0.0734
rs117767612	T	0.0633
rs35806118	A	0.018
rs61136571	C	0.0275
rs9929140	T	0.0677
rs35245120	G	-0.0253
rs17722231	T	0.1105
rs147624206	A	-0.0786
rs8062522	G	-0.0622
rs138011928	T	-0.0782
rs12923539	C	-0.0167
rs7192232	T	-0.0311
rs6497876	G	0.0192
rs8056847	G	0.0588
rs148008239	T	-0.1433
rs142385204	G	-0.0809
rs113082179	A	0.0771
rs57497992	C	-0.0169
rs4485340	G	-0.018
rs2018703	A	0.0201
rs113124588	C	-0.0516
rs12596780	T	0.0252
rs28567490	A	0.0424
rs148804103	A	0.1069
rs13335835	C	-0.019
rs117791401	A	0.0918
rs117347161	A	-0.0778
rs12920443	T	-0.0197
rs139711758	T	0.0852
rs75039646	A	-0.0743
rs140130592	C	0.1204
rs77635331	T	0.0607
rs1868285	C	0.0702
rs7206058	G	0.0315
rs8044418	G	-0.0201
rs76833880	G	0.0924
rs112221113	G	-0.097
rs116849464	G	0.0595
rs71391557	A	0.0573
rs116862121	T	0.0423
rs62016890	G	0.0347
rs74962564	G	0.1493
rs9930152	T	-0.0169
rs36053784	C	-0.0263
rs74017762	T	-0.0715
rs62018367	T	-0.0275
rs61404008	G	-0.0843

rs117709863	A	-0.0633
rs213659	C	-0.0201
rs8044444	T	0.0234
rs11076494	G	-0.0209
rs12325226	G	0.0191
rs9925471	G	0.0804
rs148158019	G	-0.0663
rs59945160	G	0.0235
rs10438526	C	0.0241
rs12325505	A	-0.0316
rs56329314	A	0.066
rs4889127	G	-0.0466
rs12447346	T	0.0225
rs8061768	A	-0.0287
rs66690883	G	0.0225
rs10852603	C	-0.0175
rs4984937	A	-0.0196
rs3784870	T	-0.0198
rs2059296	C	-0.0166
rs117951878	C	-0.0843
rs142075993	T	0.0746
rs11149616	A	0.0203
rs113131147	A	0.0297
rs113718420	G	0.0763
rs145161023	A	-0.0681
rs66929757	T	-0.0501
rs1493881	A	-0.0413
rs62034236	A	0.0321
rs147652118	A	-0.0414
rs77349495	G	0.045
rs7195066	T	-0.0182
rs150757413	A	0.0899
rs3025697	T	-0.0957
rs79783762	A	0.1091
rs16947905	A	-0.0347
rs76475900	A	0.1185
rs4150176	T	-0.0368
rs1391101	C	-0.0163
rs118010546	C	0.0857
rs139913752	A	0.131
rs8049432	G	-0.0194
rs179208	C	0.0526
rs111447245	G	0.0811
rs79965215	G	-0.0565
rs76708936	G	0.0896
rs11644348	G	-0.0533
rs151136512	G	-0.117

rs138947048	A	-0.0843
rs1076479	C	-0.0175
rs62015863	C	0.0754
rs77980228	G	0.0812
rs144230062	T	-0.0649
rs7189512	A	0.0386
rs55646301	A	0.0304
rs149606877	A	0.0855
rs118077274	A	-0.0761
rs802321	C	-0.1047
rs117922506	A	0.0556
rs61388649	C	-0.0163
rs2731759	A	-0.0226
rs56305844	T	0.0994
rs1990684	T	0.027
rs77789938	G	0.0689
rs6500361	A	0.0207
rs1604118	A	-0.0958
rs9934960	C	-0.0173
rs196006	T	0.0998
rs17823223	T	0.0338
rs76891223	G	0.0627
rs80280439	A	0.1459
rs17688054	C	-0.0261
rs144451877	T	0.077
rs289724	G	0.0197
rs77166762	T	0.0332
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rs72769467	A	-0.05
rs147974405	T	-0.1048
rs117049956	T	-0.1214
rs847208	C	-0.0175
rs117857165	A	-0.1053
rs117973336	G	0.0508
rs9938705	C	0.0163
rs8064077	T	-0.0176
rs9938913	G	-0.016
rs62039938	T	-0.0221
rs10514501	C	-0.0256
rs11864930	A	-0.0306
rs8044317	A	0.073
rs75633816	G	0.0202
rs139679237	A	0.0708
rs8047140	T	0.0291
rs12447168	C	-0.0279
rs11150448	G	0.0249
rs74663444	G	0.0451

rs1986047	T	0.0222
rs117845028	G	-0.0344
rs117688477	G	0.0301
rs78623058	C	0.0635
rs138444849	G	0.0976
rs7198062	C	0.0165
rs142531519	G	-0.11
rs12920654	T	0.025
rs117108013	A	0.0536
rs12931141	A	-0.0288
rs79581940	T	-0.0643
rs9924720	G	0.0299
rs149031719	C	0.1033
rs16940325	C	0.0298
rs12934484	T	0.021
rs7197923	A	0.0309
rs28831175	C	-0.0392
rs7201009	G	-0.0236
rs34646562	A	0.0387
rs144170208	G	-0.0586
rs7200179	A	-0.0441
rs12443713	T	0.1417
rs9941033	C	-0.0256
rs4491515	T	0.0186
rs434508	C	-0.0177
rs79617808	A	0.0293
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rs9926833	T	0.0216
rs76713711	C	0.0882
rs12918744	T	-0.0273
rs4307972	G	0.0211
rs13333064	G	-0.0348
rs62034521	A	-0.0247
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rs17766853	C	-0.0303
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rs75153709	A	0.068
rs111287949	A	-0.0692
rs235119	A	0.0414
rs2968482	C	-0.0177
rs78778192	G	0.0915
rs289708	A	0.0222
rs77639714	T	-0.0872
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rs74563815	T	-0.1335
rs141475921	G	-0.079
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rs116977922	C	0.0495
rs139177618	C	0.0948
rs59189321	A	-0.0486
rs1881321	A	-0.0187
rs28692808	A	-0.0298
rs111979635	A	0.06
rs4072443	A	-0.0161
rs117786422	T	-0.1118
rs10514480	T	0.0202
rs7205796	G	-0.0249
rs117714662	T	0.1451
rs12932535	A	0.0211
rs57450992	G	0.0806
rs11642207	C	0.016
rs62039360	A	0.0584
rs77998554	A	-0.035
rs78365473	G	-0.0237
rs4787247	T	0.0176
rs17198911	C	0.0259
rs173236	T	0.0161
rs11642662	T	-0.0513
rs3087783	C	-0.0188
rs59979038	C	0.0335
rs11643441	A	0.0456
rs111327501	A	0.0554
rs77486219	C	-0.067
rs72794582	G	-0.036
rs8059655	G	0.021
rs62035969	G	0.0214
rs147565602	A	-0.0881
rs113881705	A	0.0694
rs62041453	G	-0.0631
rs62048787	C	0.0244
rs62048672	T	0.0326
rs146721781	T	0.0606
rs11862500	A	0.0214
rs11645661	A	-0.0712
rs146748033	C	-0.1131
rs117844067	G	-0.0419
rs2970093	T	0.0254
rs1964340	A	-0.022
rs11649689	A	-0.0289
rs111935180	G	-0.0723
rs78517747	A	-0.0529

rs61738710	T	0.0362
rs75259821	C	0.0425
rs12149169	T	0.0605
rs2729616	T	0.0701
rs4352032	T	-0.0204
rs6563966	T	0.0175
rs7199449	T	0.0285
rs9928573	T	0.0183
rs117494219	T	-0.0464
rs763148	C	0.017
rs72647553	T	0.084
rs420583	C	0.018
rs12925424	G	-0.0158
rs11540497	A	-0.0576
rs3784893	T	0.0343
rs75400583	C	0.0972
rs117971985	G	-0.0703
rs6600233	T	-0.0172
rs2516734	G	0.026
rs117474573	C	-0.0231
rs11645938	C	-0.0344
rs79365144	C	-0.0674
rs117136035	A	0.0805
rs75986053	G	-0.0813
rs7192086	T	0.0195
rs79674556	A	0.0624
rs148567393	T	0.06
rs75416198	A	0.0586
rs9319496	G	-0.0157
rs4622527	T	0.0673
rs117898578	G	-0.0872
rs7193709	C	0.0212
rs8059768	T	0.1107
rs11641544	A	-0.0194
rs72792182	A	0.0503
rs999210	T	0.0932
rs7195468	A	0.0226
rs34051612	A	-0.0255
rs117740172	T	0.0849
rs113339946	T	0.0433
rs12929213	A	-0.0473
rs76865045	A	0.0529
rs117212835	T	-0.1127
rs182511	G	0.0778
rs12933928	G	0.0253
rs1566441	G	0.0161
rs72793223	C	-0.0606

rs35196	T	-0.0275
rs9302506	C	0.0843
rs117254618	G	0.1202
rs72808312	G	0.1042
rs77233162	C	0.0601
rs75248767	A	-0.0656
rs117792988	G	0.1557
rs56079714	C	-0.0941
rs12232443	G	0.0265
rs112291945	C	-0.0616
rs139518146	A	-0.1796
rs117081707	C	0.0788
rs78697019	C	0.0696
rs16958363	G	0.108
rs75309495	G	0.0568
rs4787916	A	-0.0263
rs56243633	T	-0.0387
rs117032168	T	-0.0676
rs78030383	T	0.0263
rs8053649	A	-0.0572
rs80204879	T	0.0719
rs74747456	T	0.1019
rs72790775	A	-0.0372
rs3108686	A	-0.1345
rs72811802	A	0.0832
rs4411497	T	-0.0594
rs62050919	A	0.0329
rs77947269	A	-0.1001
rs6498127	A	-0.0253
rs77106554	A	0.0294
rs4781671	T	0.0178
rs246212	G	0.0178
rs7350872	T	0.0202
rs78410737	T	-0.0641
rs150861740	T	-0.1028
rs7203807	T	0.0198
rs148985690	C	-0.1387
rs62047232	C	0.0681
rs79052960	C	0.0642
rs1477406	C	-0.0362
rs113509770	T	-0.0694
rs117693622	A	0.0867
rs78707936	C	-0.0905
rs2589001	T	-0.016
rs146048597	A	-0.0234
rs72797570	G	-0.0621
rs4129576	T	-0.0179

rs72628261	C	-0.0656
rs1436384	T	-0.0292
rs161141	C	0.0158
rs12716954	C	0.0259
rs151073818	T	0.1147
rs62028852	T	-0.0806
rs4843381	C	-0.0156
rs79408408	C	0.114
rs116576599	T	-0.0431
rs77774901	T	0.0826
rs11866418	G	0.0182
rs9921998	C	-0.0155
rs964372	C	-0.0257
rs3743975	C	-0.0177
rs72802790	C	0.0327
rs13333910	A	-0.0206
rs113256927	A	-0.106
rs417053	T	-0.0211
rs2071334	G	-0.0761
rs4783710	A	-0.0224
rs2650417	G	-0.0256
rs8060007	A	-0.0451
rs7500042	A	0.0382
rs12448256	C	-0.0258
rs138331267	A	0.0745
rs11074841	C	-0.072
rs179604	T	0.0157
rs11644729	G	0.0263
rs75021582	T	-0.0742
rs74786805	C	0.059
rs66881004	C	0.0153
rs7203458	C	-0.0186
rs56071143	A	0.0359
rs41278174	A	0.0843
rs118127284	T	0.0485
rs78477527	T	0.032
rs1437188	C	0.0174
rs7192179	A	0.0406
rs7187068	G	0.0226
rs204042	G	-0.0229
rs2005820	A	0.019
rs74707086	T	0.0728
rs79903321	T	0.0614
rs62032755	C	-0.026
rs74752164	G	-0.0623
rs143623322	C	-0.1074
rs74884497	G	0.041

rs28461399	G	0.0356
rs76084416	A	-0.0748
rs143903665	G	-0.0595
rs1844709	C	0.0189
rs12051137	G	-0.0194
rs145017203	C	0.0934
rs62051901	C	-0.0352
rs7200441	T	-0.0309
rs12926255	T	0.0169
rs16971384	G	0.0178
rs79199156	G	-0.0911
rs11077288	C	0.0231
rs34574317	T	-0.0319
rs114558720	T	0.1061
rs28667669	A	0.0292
rs72801982	A	-0.0394
rs34213592	T	0.0516
rs1352148	G	0.0278
rs11150550	A	0.0199
rs9923909	C	-0.1566
rs117326651	T	-0.0619
rs8059685	G	0.0392
rs145755870	T	0.0565
rs146746415	A	-0.0697
rs62042428	C	-0.0243
rs78089095	A	-0.0454
rs78747450	C	0.0202
rs17703121	T	-0.0509
rs1970838	A	-0.0357
rs117232116	T	0.0365
rs2941326	G	0.0268
rs143425659	A	0.0793
rs78131410	C	0.0184
rs149100018	T	-0.0771
rs117602909	C	-0.0655
rs139355271	A	0.1022
rs398176	C	0.1105
rs139406394	G	-0.0485
rs10514444	G	-0.0225
rs17855750	C	-0.0419
rs7500408	C	0.022
rs6500309	T	-0.0501
rs116793720	A	0.083
rs117745801	A	-0.0841
rs76728532	A	-0.1009
rs111443517	T	0.045
rs152737	C	-0.0183

rs17139596	T	-0.0224
rs12448944	G	0.07
rs12926669	G	-0.0245
rs67935101	T	0.0726
rs1693957	G	0.0475
rs150755640	T	0.1051
rs12599288	C	-0.0173
rs62036055	T	0.0307
rs28419404	G	-0.0184
rs7204574	C	0.0376
rs62036332	C	0.0339
rs78120818	G	0.0944
rs13380539	T	-0.0617
rs55924396	C	0.0755
rs72774202	C	0.0822
rs116854658	A	0.0193
rs28694021	C	-0.0219
rs117948289	T	0.066
rs4843456	C	-0.0439
rs1377549	A	-0.0165
rs62031995	A	-0.0171
rs74705774	G	-0.0588
rs117751534	G	-0.0731
rs35600	G	-0.0222
rs16964168	A	-0.0376
rs6497652	T	0.0205
rs7192432	G	0.0303
rs4780952	C	0.0219
rs117718611	G	0.0544
rs75744176	C	0.063
rs4513088	A	0.0298
rs4843266	C	0.0233
rs12595990	A	-0.0242
rs62015468	C	0.0415
rs12934684	A	-0.036
rs17794301	G	0.0568
rs72776975	G	0.0401
rs8046805	C	0.0615
rs55958429	C	-0.0347
rs1800777	A	-0.0424
rs16956649	A	-0.0667
rs7203412	T	0.0315
rs62035188	T	-0.0167
rs35080324	A	0.0763
rs77732009	G	-0.079
rs150926	G	0.0155
rs141731825	G	-0.0602

rs198135	C	-0.033
rs76878912	A	0.046
rs111117441	T	-0.0295
rs112557806	T	0.0775
rs140917353	T	0.0479
rs2729614	T	0.0174
rs8059866	C	0.0209
rs12921780	T	0.0205
rs7193120	G	0.1191
rs28425562	T	-0.0338
rs13337314	T	-0.0741
rs10871319	T	0.0323
rs12595934	A	0.0153
rs12446226	G	-0.0204
rs12924026	C	0.0246
rs57570588	G	-0.0235
rs2239349	A	0.0281
rs12926439	A	0.0615
rs148590663	A	-0.1021
rs117930325	T	0.0987
rs72772728	C	-0.0184
rs12923138	C	-0.0171
rs55642214	A	-0.0329
rs17822666	T	0.0923
rs112299420	C	-0.0725
rs9932635	T	-0.0218
rs17782826	C	0.0464
rs77070143	T	-0.0753
rs11641947	G	-0.0209
rs9940973	G	0.0226
rs62034881	T	0.0688
rs59326031	G	0.06
rs79971965	C	0.1254
rs116959112	G	0.075
rs76655127	G	0.0549
rs77229437	G	-0.0581
rs17702971	G	-0.0676
rs9925501	C	-0.0645
rs11488914	C	-0.0605
rs35970950	C	-0.0169
rs17201719	T	0.0165
rs77476554	T	-0.0628
rs117943901	A	-0.075
rs1641931	T	0.0255
rs1522441	C	0.0202
rs381312	C	-0.0191
rs117940684	T	-0.049

rs7499976	T	-0.0228
rs78711822	A	0.1
rs12597482	T	0.0478
rs147555911	G	0.0938
rs76515582	A	-0.1111
rs56886863	T	0.0341
rs8053674	T	-0.0431
rs74905426	A	-0.0936
rs117469893	G	0.0188
rs79670849	C	-0.0498
rs74025615	A	-0.0647
rs11640877	T	-0.0305
rs9924878	T	0.0399
rs138258607	T	-0.123
rs12148970	C	0.0456
rs12932737	G	0.0166
rs11861543	T	0.0253
rs146461485	A	0.0909
rs10514530	T	0.0573
rs1547991	G	0.0165
rs2280381	C	0.0163
rs62039260	T	0.0855
rs74530260	A	-0.1137
rs12102281	T	0.0398
rs880764	G	-0.0229
rs8047445	T	0.0274
rs141182324	A	0.0651
rs12444032	C	-0.0298
rs7202110	C	0.046
rs7197619	T	-0.0231
rs56761374	T	-0.0282
rs112798217	A	-0.0618
rs77923569	C	-0.0291
rs80139892	T	0.0616
rs117712647	T	0.0326
rs145651458	T	-0.0787
rs60050831	T	-0.075
rs11642723	T	-0.0946
rs7189011	T	-0.0233
rs9940116	T	0.0455
rs12597439	C	0.0225
rs111348092	G	-0.0571
rs137897580	A	0.0735
rs111670531	C	0.0176
rs118121724	T	0.0441
rs144402837	T	-0.0772
rs117159123	T	-0.1324

rs28526585	G	0.0191
rs76455559	G	-0.0297
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rs72770991	G	-0.067
rs17768064	C	0.0312
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rs2192641	G	-0.0206
rs75812226	T	-0.0332
rs62041624	T	0.0296
rs143437800	T	-0.1135
rs145223680	A	-0.0627
rs4255791	A	0.0177
rs16955381	G	-0.1031
rs116874155	G	0.0483
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rs8191332	A	0.0554
rs11150537	C	-0.0456
rs2526057	C	0.0155
rs145197577	G	0.0815
rs146947523	A	0.1017
rs7203280	G	0.0581
rs12926740	G	0.0166
rs62049091	A	0.0211
rs17706689	G	0.0364
rs2531974	G	0.0163
rs111564463	G	-0.1106
rs34750941	C	0.0332
rs62043323	A	-0.0471
rs72800328	A	0.052
rs4073333	C	0.0164
rs4456497	C	-0.0166
rs12933466	C	-0.0249
rs76061265	G	-0.0854
rs11643141	T	0.0188
rs4787442	T	0.0244
rs12925241	T	0.021
rs72806604	T	-0.0307
rs117817592	C	0.1114
rs113137978	T	-0.0945
rs11075208	C	0.103
rs143662876	A	-0.0692
rs12596568	G	-0.0212
rs2088746	C	-0.0226
rs143933928	G	-0.1054
rs113526317	A	0.0738
rs16975819	T	-0.0218
rs3785036	G	-0.0284

rs72769074	C	-0.0204
rs35603254	T	-0.0267
rs35900362	A	0.0564
rs78740137	A	0.0357
rs12925865	G	-0.0761
rs2950867	T	-0.0909
rs111464641	C	0.0679
rs60354270	G	-0.022
rs79819065	A	-0.06
rs3136215	C	-0.0617
rs72800537	C	-0.0596
rs78460491	G	-0.055
rs16957517	T	-0.0173
rs12444007	C	0.0229
rs62042227	A	0.0541
rs77670747	C	0.0278
rs55747856	T	0.0266
rs78650126	T	0.1022
rs2219657	G	-0.0224
rs2738540	T	-0.0214
rs8057798	G	-0.0174
rs8060591	A	0.0238
rs142915747	T	-0.0644
rs1548850	T	-0.0279
rs1713466	T	-0.0342
rs8057123	T	0.0152
rs12931308	G	-0.0682
rs149528979	C	0.0548
rs2903407	G	-0.0256
rs11643453	T	0.0462
rs148210165	A	0.0601
rs16970748	C	0.0585
rs12919666	G	-0.0259
rs11075995	A	0.0179
rs7198133	A	-0.0894
rs77883240	C	0.0681
rs45554137	C	0.0558
rs12927590	G	0.038
rs74019766	T	0.0346
rs58035862	T	-0.0865
rs149656227	A	-0.0812
rs7194678	T	0.0167
rs111252271	A	0.0853
rs7192748	T	0.0172
rs2194305	C	-0.0454
rs55683592	C	-0.0564
rs2965812	A	-0.0267

rs144078072	C	-0.0674
rs138026745	A	-0.0657
rs4395099	C	-0.0179
rs17137827	G	-0.0988
rs146938894	T	-0.0436
rs17262787	C	0.0264
rs139531554	A	-0.1119
rs118027139	T	-0.0656
rs77995964	A	0.0696
rs62044301	C	0.0156
rs78626142	A	0.1105
rs58569666	C	0.0696
rs117549275	A	-0.0248
rs142616270	T	0.0962
rs6498496	A	-0.0209
rs2719724	C	-0.0167
rs149968970	A	0.0577
rs113219401	G	0.0842
rs7197665	A	-0.0785
rs801995	G	0.063
rs72786242	T	0.0201
rs6564311	A	-0.026
rs62044087	T	0.0394
rs1358492	C	-0.0493
rs12918915	C	-0.0238
rs11642988	A	-0.0728
rs2352947	G	0.0488
rs7199597	A	0.0222
rs11864787	A	-0.0244
rs224163	G	-0.0251
rs2937114	G	0.0406
rs12708655	T	-0.0289
rs8057687	T	0.0221
rs146003275	C	0.1162
rs72802798	A	0.1135
rs17231534	A	-0.0386
rs17638171	G	-0.0918
rs113522753	G	0.0762
rs77904589	G	0.0399
rs172643	T	0.0215
rs17676532	A	0.0228
rs28488563	A	-0.0844
rs72790123	A	0.0623
rs11149702	C	0.0237
rs111838685	A	0.0863
rs74914372	A	-0.0346
rs34776182	C	0.0178

rs11642856	T	-0.0223
rs1974862	G	0.0284
rs1420085	A	-0.0169
rs143018702	A	0.042
rs141581113	G	0.0603
rs72806802	G	0.0315
rs8047252	A	0.0517
rs1369784	T	0.0381
rs36055034	A	-0.0165
rs1544607	A	-0.0831
rs9934406	T	0.0211
rs76196490	A	-0.026
rs34571005	T	-0.0383
rs2066845	C	0.0918
rs79622230	A	0.0467
rs148890386	C	-0.0621
rs113313796	A	-0.1084
rs117106695	C	0.1451
rs139665313	T	-0.081
rs7186631	T	-0.056
rs113400434	A	0.0792
rs2738632	C	-0.0166
rs1366211	A	-0.0169
rs3095573	G	-0.0256
rs11649487	A	0.0241
rs4444336	C	-0.0153
rs17484429	G	-0.0933
rs145982584	A	-0.0575
rs164753	C	0.0233
rs9923737	C	-0.0816
rs76880178	T	0.0452
rs62049081	A	0.026
rs142778247	A	0.0542
rs143711361	T	-0.0857
rs75930132	G	0.1026
rs72790813	A	0.0326
rs57532680	G	0.0223
rs4287571	G	-0.0155
rs62031305	T	0.043
rs17179132	A	0.0975
rs140990619	C	0.1112
rs9931078	G	0.0152
rs141495768	G	0.0762
rs11860793	G	-0.0158
rs17823453	G	-0.0397
rs79604417	T	-0.0765
rs62037312	T	0.0299

rs2270935	T	0.0509
rs17633044	G	-0.0214
rs4608356	A	0.0257
rs3859124	C	0.015
rs12931742	A	-0.0335
rs117287840	A	-0.0851
rs74035977	A	-0.0226
rs114022137	A	0.0554
rs12444724	T	-0.0343
rs142067587	A	0.0999
rs118148611	G	-0.1151
rs71392462	C	0.028
rs610327	A	0.0157
rs73572257	C	0.0294
rs80136737	T	-0.0857
rs71392025	T	-0.0613
rs2962467	G	0.0145
rs144105254	A	0.0994
rs75809390	T	0.0659
rs7193190	C	0.0702
rs147248881	C	-0.0698
rs58266997	A	0.0177
rs1962375	C	-0.0163
rs77534407	A	-0.0416
rs112478378	T	-0.0285
rs7203142	G	-0.0174
rs17289669	T	-0.0214
rs141357510	C	0.0772
rs113452131	C	0.0749
rs62051893	C	0.0532
rs705914	A	0.0286
rs13336519	G	-0.0218
rs17144234	T	0.0654
rs4788042	A	0.0234
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rs72814001	T	0.0303
rs2334142	C	0.0344
rs2384936	A	0.0161
rs72803134	C	0.0379
rs76319480	T	0.071
rs11648052	G	0.0352
rs79508330	T	0.0659
rs145977168	A	0.0874
rs16954348	A	0.0663
rs141421858	G	0.0537
rs12051440	C	-0.0187
rs77644771	G	0.0505

rs79948936	G	-0.0361
rs77549649	A	0.0229
rs118087764	C	0.0955
rs74714163	A	-0.0607
rs77732921	A	0.063
rs3764278	C	0.022
rs75784980	A	0.0991
rs4483864	G	-0.0869
rs2867048	C	-0.0379
rs147309745	T	-0.0604
rs55951263	C	-0.027
rs34208842	A	-0.0349
rs10521036	C	0.0356
rs79660163	G	-0.0281
rs1476980	T	-0.0242
rs12445796	A	-0.0154
rs12920445	A	-0.0848
rs117419006	T	0.0951
rs112869008	G	-0.0319
rs67575900	A	0.0197
rs34261419	T	0.1022
rs11863911	C	-0.0166
rs4045136	C	-0.0338
rs728962	T	0.017
rs117865749	C	-0.053
rs17739607	A	0.0295
rs62024448	A	0.0235
rs10459808	C	-0.0796
rs1114620	C	0.0252
rs74006763	A	0.0562
rs10500516	T	0.0203
rs56282241	A	-0.0528
rs12445633	T	0.0329
rs72781712	T	-0.035
rs75245102	G	-0.0575
rs4888021	G	-0.0183
rs78531928	A	0.1107
rs10852376	A	-0.0177
rs12927005	G	-0.0634
rs141696834	A	0.0759
rs73501127	G	0.0226
rs118190027	T	0.0665
rs76437091	A	0.0618
rs741593	T	-0.0165
rs117723710	A	-0.0366
rs6500959	G	0.0263
rs412209	A	0.0493

rs77807576	G	0.0547
rs76181705	G	0.0738
rs2172623	T	-0.0202
rs8052199	G	-0.0197
rs117711220	A	0.1048
rs59169244	T	0.0573
rs74002255	T	0.0856
rs75158572	A	-0.1007
rs10163230	C	0.0151
rs72770536	T	-0.0785
rs28571077	A	0.0321
rs117546433	T	0.0539
rs62028536	C	-0.0478
rs213664	T	0.0201
rs76800760	C	0.0359
rs146968744	T	-0.1227
rs74472435	T	0.0206
rs12925972	T	0.0146
rs1533418	C	0.0184
rs11648079	G	-0.0219
rs72774802	A	0.0619
rs4787035	A	0.0208
rs79762284	C	-0.0437
rs7192394	T	-0.0172
rs10852598	C	0.0145
rs111758800	G	-0.0561
rs13334167	G	0.019
rs2191387	T	0.0207
rs62052967	G	0.0176
rs117855554	T	-0.0554
rs116914125	T	-0.0521
rs10492798	C	0.0381
rs62041779	T	-0.051
rs72762937	G	0.0491
rs28683564	C	0.0675
rs12172835	G	-0.0216
rs75686592	A	0.0614
rs75623060	A	0.0185
rs113153079	T	0.0722
rs146532237	G	0.0652
rs80068856	T	0.0513
rs6499608	A	0.0405
rs113980523	A	0.0301
rs9931378	C	-0.0248
rs17697705	A	0.0251
rs3924153	G	-0.0216
rs11649419	C	-0.0883

rs247822	G	-0.0248
rs7184921	C	0.0164
rs2601817	T	0.0303
rs7405184	T	0.0402
rs13337080	T	0.0226
rs7192254	T	0.0146
rs34053564	A	-0.0274
rs4843884	C	0.0907
rs75799357	T	0.0564
rs78954327	C	-0.0896
rs137964763	G	0.0821
rs280862	G	0.0142
rs78029059	A	-0.0261
rs144798661	C	-0.0749
rs12923922	G	-0.0177
rs140368865	T	0.0505
rs4423438	C	0.0275
rs232076	G	-0.1034
rs12446473	C	0.0199
rs920219	T	-0.0143
rs12598067	C	-0.0225
rs149541139	T	-0.0481
rs112285408	T	0.0664
rs62033306	A	-0.0156
rs33965115	A	0.0598
rs55653890	T	0.0247
rs113922418	G	0.1498
rs59995194	C	0.0465
rs2343566	A	0.0702
rs1345340	G	0.0197
rs75170164	C	-0.0866
rs1433156	C	0.0204
rs1436378	A	0.0225
rs74004314	G	0.0533
rs254326	A	-0.0149
rs79689771	T	-0.0371
rs247820	C	-0.0158
rs62032537	C	-0.016
rs9922306	G	-0.019
rs72791680	C	-0.056
rs113430018	A	-0.0316
rs74011942	T	-0.0616
rs2004103	T	0.0512
rs111530436	A	-0.0359
rs55676547	A	-0.0678
rs7204115	G	-0.1149
rs743967	C	-0.0438

rs12443697	G	0.0382
rs4781459	A	-0.0158
rs12051384	A	0.0316
rs79672113	T	0.0519
rs11640681	G	0.0259
rs12445146	G	0.0189
rs117327142	A	0.0826
rs112548986	T	0.1188
rs4341744	T	-0.0247
rs12927924	A	0.02
rs139176828	T	-0.0571
rs12934787	A	0.08
rs143279928	T	-0.0842
rs72775286	A	-0.0709
rs142569765	A	0.0722
rs4786783	C	0.0225
rs76758447	G	0.0783
rs13337763	C	0.0182
rs11074956	T	0.0146
rs34969047	G	0.1112
rs1859201	G	-0.0147
rs12446380	G	0.0275
rs78573178	T	0.0438
rs9924811	C	0.0221
rs17138992	T	0.024
rs13338696	A	-0.0209
rs4485351	C	0.0153
rs138999802	G	-0.0651
rs8054430	A	0.0451
rs34939979	T	-0.0412
rs2362556	T	-0.0159
rs16944061	T	0.0405
rs7187376	C	-0.025
rs56324453	G	0.0155
rs4077825	A	-0.0196
rs4783493	A	-0.0249
rs56253328	C	-0.0175
rs17385564	C	-0.067
rs62048801	G	0.0803
rs2937137	G	0.0235
rs118188507	T	0.0536
rs72802054	A	-0.1015
rs12447887	G	0.0517
rs35254998	A	-0.0274
rs1466769	A	-0.0484
rs78040493	G	0.0614
rs7199557	T	-0.0256

rs117241582	T	0.0818
rs12920186	C	0.0178
rs74820883	T	0.0523
rs75157714	A	0.0449
rs72772416	T	-0.0469
rs75451096	A	-0.0578
rs4786750	A	0.0363
rs118064539	T	-0.0689
rs4889001	A	0.0163
rs78149933	T	0.0284
rs1582324	C	-0.0224
rs27802	T	-0.1242
rs1493907	G	0.0435
rs57623948	A	0.0612
rs12930990	G	0.0881
rs8053806	A	0.0137
rs72782835	T	-0.0399
rs3784940	A	-0.0551
rs117111790	T	0.056
rs825698	T	0.0149
rs9932968	A	0.0341
rs77178187	G	0.0549
rs7206453	C	-0.0262
rs1493874	T	-0.0153
rs144165481	A	-0.0907
rs117464239	T	-0.0651
rs117046133	T	0.0852
rs1394565	C	-0.0172
rs9926849	T	0.0336
rs11076129	C	0.0165
rs4788692	C	0.0248
rs1067716	T	0.0405
rs1971751	A	-0.0146
rs12443593	A	-0.049
rs57552582	C	0.0798
rs1317756	A	-0.0177
rs12597786	T	0.0545
rs10514618	T	-0.0333
rs76710611	A	0.0451
rs78185736	T	-0.0225
rs79013468	T	0.0642
rs80254456	A	0.036
rs436536	C	0.0204
rs72805462	A	-0.0414
rs111875646	A	0.0455
rs117641741	A	-0.0726
rs12935531	C	-0.0194

rs112215421	C	-0.0567
rs143936335	T	-0.0954
rs8057260	G	-0.1009
rs56050471	C	-0.0598
rs112573881	A	0.0976
rs76288685	G	-0.1256
rs59195934	C	0.019
rs75537959	A	-0.033
rs148908099	T	-0.068
rs62030317	G	0.0215
rs78628882	C	-0.0424
rs74004346	G	0.0806
rs151134498	A	0.1372
rs76553948	C	-0.0684
rs388905	G	-0.0149
rs140384238	T	-0.0799
rs111956155	A	-0.0636
rs112220650	C	-0.0377
rs6500586	C	0.0326
rs76467360	T	0.0728
rs77250474	A	-0.0249
rs78910009	T	0.0456
rs77391136	A	0.0373
rs4783108	A	0.0184
rs34943209	C	0.0168
rs140438017	G	-0.0425
rs78283523	T	0.064
rs118114542	A	0.0857
rs117469683	T	0.0845
rs76170857	T	-0.0409
rs140004458	G	0.0804
rs28510778	T	-0.0341
rs2716598	C	-0.021
rs143675147	G	-0.0785
rs138329562	C	0.0927
rs144646964	A	0.116
rs62037235	G	-0.0212
rs17189653	C	0.0147
rs76837213	G	0.0567
rs149735375	T	-0.0476
rs11642935	G	0.0382
rs7206549	C	0.0231
rs150993479	A	-0.0767
rs1876970	A	-0.0192
rs12921085	A	-0.0196
rs7198054	G	-0.0283
rs12931864	A	-0.0152

rs12921496	T	0.0286
rs11865503	C	-0.0615
rs7204495	A	0.014
rs3096191	T	0.0256
rs6499762	A	0.0215
rs117606481	G	-0.0817
rs117906848	C	-0.1033
rs145437132	A	-0.0283
rs112548374	C	0.0413
rs117090245	T	-0.0331
rs111634911	T	-0.0867
rs71390811	A	-0.0487
rs12599645	G	-0.0147
rs74651519	C	-0.0324
rs139724325	T	-0.0418
rs67276071	T	0.023
rs9937702	C	0.015
rs117043951	C	-0.0768
rs76781615	C	0.1151
rs755466	A	0.1195
rs8047011	A	0.0171
rs144010943	T	-0.108
rs7499966	A	0.0143
rs78391458	A	-0.0645
rs74832380	G	0.0396
rs2639313	T	-0.0249
rs138515721	T	-0.0936
rs112591452	T	-0.041
rs1862813	A	-0.0215
rs72770312	T	-0.0696
rs79314905	T	-0.0954
rs4889459	C	0.0144
rs2051738	C	-0.015
rs10468261	G	0.0578
rs16959572	T	0.0284
rs8058267	C	-0.0167
rs79706995	G	-0.0288
rs72765821	T	-0.0236
rs16946583	T	0.0221
rs4784681	A	0.0369
rs4243227	C	0.0212
rs142019380	A	0.0886
rs117214654	G	0.0938
rs28490191	C	0.0164
rs35708016	A	0.0313
rs62012735	G	0.0237
rs1971879	A	-0.0144

rs148491338	A	-0.0733
rs28507806	C	0.0472
rs141401405	A	0.0701
rs35359694	C	0.0247
rs78241137	T	-0.0403
rs7191520	G	-0.0148
rs117637377	A	0.1255
rs118069357	G	0.0447
rs143345668	C	-0.0149
rs1876344	C	-0.0139
rs12935025	A	0.0183
rs11865885	G	0.0215
rs4785891	A	-0.0135
rs117000590	T	0.0749
rs117313605	T	-0.1159
rs79161751	G	-0.0424
rs72787542	A	0.0426
rs74449656	T	0.0877
rs12185167	T	-0.0229
rs73497289	A	0.043
rs75111129	G	0.0755
rs169644	C	-0.0648
rs115056926	G	-0.0616
rs1021478	A	0.036
rs76520398	T	-0.0436
rs2052231	G	0.0375
rs9923036	G	-0.0156
rs116972011	T	-0.0576
rs113170192	C	0.0421
rs16966937	T	0.0284
rs145970593	C	-0.1119
rs76660912	G	-0.0359
rs11646484	A	0.0136
rs11648675	C	0.0201
rs75316545	C	-0.0651
rs118008654	A	-0.0485
rs8060673	G	0.0136
rs75926039	G	0.0485
rs143984838	A	-0.055
rs618976	A	0.0159
rs27817	A	-0.0723
rs12597648	G	-0.0318
rs112018017	C	-0.0767
rs1876340	C	0.0215
rs7499944	A	-0.0145
rs62043240	A	0.0649
rs1839854	T	-0.0182

rs72776511	G	-0.0564
rs72767575	G	-0.0359
rs4591143	A	-0.0202
rs62017866	C	0.034
rs9931021	A	0.0224
rs4784265	G	0.0158
rs17671869	A	-0.0134
rs2333773	A	0.0183
rs12373039	G	-0.0233
rs72788827	C	0.0468
rs77438245	T	0.0597
rs11150075	T	0.0226
rs61746912	T	-0.0435
rs257885	C	-0.0362
rs6499842	A	-0.0506
rs74988980	G	-0.039
rs75533087	A	0.0593
rs34093172	G	0.0467
rs74011370	A	0.0606
rs17638585	C	0.0183
rs76140499	C	0.0333
rs247392	A	-0.0213
rs458544	G	0.0168
rs4785419	T	0.0163
rs36112963	C	0.0176
rs118132852	T	-0.0386
rs117713333	C	0.059
rs62024965	T	-0.0423
rs12444544	G	0.0153
rs232080	A	-0.0184
rs77588067	C	-0.0217
rs4786803	G	0.0169
rs4783954	A	0.0134
rs8055931	A	0.0189
rs79197571	G	0.0714
rs11643692	C	-0.0992
rs78450932	T	-0.0982
rs2074801	G	0.0174
rs117551250	C	-0.085
rs7498806	C	-0.0602
rs12923577	T	0.0578
rs57025386	C	-0.1013
rs2665328	C	0.0198
rs8051041	A	-0.0224
rs113751215	G	0.0332
rs117315143	G	-0.0812
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rs10514595	G	-0.0166
rs129989	T	0.0498
rs79305536	G	0.0655
rs62035365	A	-0.0176
rs76508128	C	-0.0429
rs72790915	C	0.0639
rs41325148	G	-0.0355
rs72770087	G	0.053
rs72770838	G	0.0345
rs77819201	G	0.1317
rs1423851	G	0.0189
rs10083806	G	-0.0196
rs4506892	A	0.0161
rs4577103	A	0.0394
rs115720863	A	-0.0411
rs58392751	T	-0.0482
rs7191934	T	-0.0537
rs80057717	C	-0.0294
rs138959556	T	-0.0533
rs151694	T	-0.0348
rs13336936	T	-0.0471
rs1582976	C	-0.016
rs138914755	T	-0.0933
rs253141	A	0.0305
rs111908928	T	-0.07
rs11646979	T	-0.0792
rs117845943	G	0.047
rs72802178	C	-0.0945
rs17212761	T	0.0542
rs187715	C	-0.0315
rs11465486	T	-0.0463
rs17139200	G	-0.0141
rs112941302	A	-0.082
rs117760181	C	-0.072
rs4984702	C	0.0484
rs62048555	T	0.0383
rs12599425	G	0.0258
rs11648740	C	-0.0261
rs74630995	C	0.1029
rs11645238	A	0.0273
rs1909332	T	0.0175
rs117458916	A	0.0199
rs12919591	G	-0.02
rs7206825	C	0.0171
rs7197878	C	0.0165
rs55734405	G	0.151
rs11648295	T	-0.0236

rs1976497	T	0.0458
rs4786808	A	0.0314
rs13338616	T	-0.0236
rs74808067	T	0.0377
rs7184728	T	0.0229
rs247844	G	0.0196
rs140300237	T	-0.0848
rs12598305	T	-0.0197
rs115424610	G	-0.1104
rs74030367	G	0.0329
rs1895520	C	0.0217
rs2608185	C	0.0168
rs145339816	C	-0.0538
rs147349839	C	0.04
rs4541067	C	-0.0269
rs2729585	A	-0.0167
rs4073313	G	-0.0468
rs77130697	T	0.0207
rs138965217	A	-0.0606
rs2550413	A	-0.0151
rs58568604	C	0.0443
rs34416434	T	-0.0356
rs4785765	T	-0.0216
rs213653	A	-0.0171
rs900759	C	0.0298
rs62028787	G	0.021
rs8062056	G	0.014
rs150934379	A	0.0878
rs16961631	C	0.0156
rs74561415	T	-0.0569
rs142547096	G	0.0815
rs62030280	C	-0.0698
rs57937157	C	-0.0471
rs59635223	T	-0.0152
rs56094665	A	0.0163
rs7359465	G	-0.1057
rs4888945	A	-0.0154
rs76616385	A	-0.06
rs72807060	G	0.0472
rs821220	A	0.0184
rs1423797	G	-0.0141
rs930094	G	-0.014
rs72791208	T	0.1055
rs143470	C	-0.0134
rs62032308	G	0.0192
rs72775823	C	0.0596
rs55732292	T	0.0277

rs144282094	T	-0.1058
rs34046256	A	-0.0794
rs369444	C	-0.0276
rs62029773	A	0.0233
rs2014633	A	-0.0479
rs9673568	T	0.0831
rs17833272	C	-0.0399
rs78524469	G	-0.0289
rs7194409	A	0.0208
rs11075962	T	-0.0148
rs76924295	C	0.0349
rs149921569	G	0.0364
rs151781	T	-0.0643
rs734309	T	0.0193
rs6539964	A	0.0869
rs56143939	T	-0.0348
rs75206545	T	0.0726
rs143060430	T	0.0581
rs11640971	A	0.0203
rs62048141	C	0.0503
rs7189651	G	0.0134
rs79697483	T	-0.0804
rs561058	G	0.0392
rs11640126	T	0.0467
rs55776423	T	0.0443
rs12445527	A	-0.0356
rs7206309	C	-0.0158
rs4595798	T	-0.0141
rs11863978	A	0.0549
rs12599535	C	0.032
rs7189175	A	-0.02
rs75532289	T	-0.0674
rs116969413	A	-0.0438
rs243866	A	0.0154
rs10871431	C	-0.0142
rs12444142	A	-0.02
rs8062674	T	-0.0327
rs116437101	A	0.0472
rs17854132	A	0.023
rs1084545	A	0.0156
rs117591612	G	0.0285
rs117431729	G	-0.0613
rs72776587	T	0.0671
rs11642633	C	-0.0176
rs141572029	T	0.0471
rs118029542	A	-0.0773
rs4783333	C	-0.0873

rs8058168	G	-0.0138
rs16957019	A	0.0651
rs116994841	G	0.0738
rs149901472	T	0.0409
rs66463231	T	0.0186
rs322582	C	0.0441
rs36546	C	-0.013
rs144458449	A	-0.0716
rs10521045	T	0.043
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rs12445218	C	0.0302
rs144729088	A	-0.0628
rs2968421	C	0.017
rs117019078	G	-0.093
rs7193693	G	0.0197
rs7192119	T	-0.0306
rs58865364	A	0.0368
rs4303487	G	-0.0802
rs12924548	G	-0.07
rs62025432	G	-0.0322
rs111775775	A	-0.0329
rs12920537	G	0.0162
rs141573948	A	0.0876
rs1012149	G	-0.0134
rs711757	G	0.0139
rs9929790	G	0.0568
rs138027128	T	-0.0534
rs146077425	T	-0.0614
rs9926767	G	0.027
rs77791905	A	0.0382
rs1436116	A	-0.044
rs79745453	T	-0.0622
rs112334289	T	0.1141
rs1125270	G	0.013
rs77939280	A	0.028
rs149437266	T	0.0508
rs78050824	G	-0.0524
rs72783071	T	-0.0698
rs78177670	G	-0.0949
rs59028085	T	0.035
rs4888035	G	-0.0173
rs71395331	G	-0.0916
rs12922668	C	0.0133
rs58458111	A	0.0193
rs17820328	G	-0.0328
rs117047936	T	0.0735
rs79354072	A	-0.0495

rs72833370	C	0.0588
rs74955633	A	0.0431
rs35006402	A	0.029
rs12928333	C	0.0656
rs34721885	C	-0.0947
rs8061359	T	-0.0134
rs34186827	G	-0.0204
rs7202491	A	-0.0454
rs116853950	T	-0.0604
rs9652580	T	-0.0134
rs72808553	C	0.0321
rs117010271	T	-0.1021
rs62023831	G	0.018
rs9925929	C	0.0315
rs147464145	T	-0.0914
rs9302542	G	-0.0131
rs2872713	G	-0.017
rs73580099	G	0.0405
rs214242	A	0.0435
rs12385992	C	0.0166
rs141485426	T	-0.0842
rs116895602	G	0.0919
rs117473575	A	-0.0345
rs7193804	G	0.0132
rs117060514	A	-0.0757
rs80176212	T	-0.0693
rs118066802	T	-0.0567
rs138856939	A	0.0733
rs147984054	C	-0.0396
rs72796381	T	-0.0773
rs12934188	A	0.0168
rs59808819	A	0.0209
rs62030839	T	-0.0312
rs59117682	A	-0.0579
rs145314599	G	0.0967
rs4486873	A	0.0135
rs78061275	T	-0.0463
rs56385136	A	0.0233
rs3095514	G	0.0214
rs72778454	A	0.0174
rs74960539	G	-0.0269
rs11643432	G	0.0151
rs72811460	T	-0.0927
rs60098295	C	0.0387
rs55941514	T	-0.0563
rs55729304	T	-0.046
rs28533008	T	-0.0167

rs117399047	A	0.0806
rs138345143	G	0.064
rs142937161	T	-0.0718
rs75416041	T	0.0557
rs151249241	C	-0.0266
rs76834203	T	-0.0316
rs76204932	A	-0.055
rs17497384	T	0.019
rs12922605	A	0.0435
rs113965872	C	-0.0791
rs117443101	A	-0.0486
rs28475555	C	-0.023
rs78778730	A	0.0232
rs145010223	C	-0.0798
rs2344565	C	0.0163
rs28655843	G	-0.0288
rs4787747	T	-0.014
rs118040734	A	0.0498
rs11643841	C	-0.0179
rs113579348	A	0.0484
rs71390829	A	-0.025
rs79408723	C	-0.091
rs11645133	A	-0.0247
rs4784441	G	-0.0133
rs4783016	A	-0.0164
rs149465683	C	-0.0674
rs3751877	C	-0.0208
rs74545004	T	0.0441
rs1833990	G	-0.0191
rs7201128	T	0.0135
rs880312	A	0.0391
rs143948970	C	-0.0723
rs7200753	C	-0.0244
rs28634651	C	0.0144
rs77335867	A	-0.0597
rs149000635	A	0.1011
rs149902547	G	-0.0537
rs117496362	C	0.0873
rs62027458	A	-0.0477
rs79858173	G	0.056
rs2279407	A	-0.0401
rs2925999	C	0.0136
rs61472141	A	0.0738
rs1291716	G	-0.0241
rs146967911	G	0.0361
rs10451087	A	-0.0167
rs56003624	C	0.0516

rs113897180	G	0.0376
rs9937838	T	0.028
rs72783027	C	0.0648
rs117512375	C	-0.0813
rs75654981	T	0.0461
rs2617841	G	-0.014
rs12923273	G	0.0169
rs117604838	A	-0.0606
rs12926800	A	0.0364
rs144952624	T	0.0868
rs2560917	T	0.0182
rs75825892	T	0.0469
rs9937403	C	0.0134
rs76707698	T	0.0633
rs117177303	C	-0.0788
rs117571586	T	-0.0823
rs8060861	G	-0.0144
rs68129860	G	0.0216
rs12447408	A	0.0181
rs3923445	T	0.032
rs2966316	T	-0.0335
rs77407451	A	0.0254
rs7184472	T	-0.0188
rs11864552	C	-0.0137
rs11641877	T	0.0149
rs55805707	A	0.046
rs74809323	G	0.0601
rs145832776	A	0.0679
rs12232423	A	-0.028
rs118111365	A	0.0309
rs117246740	T	-0.0651
rs150839028	G	0.0856
rs117131367	T	0.0391
rs13331007	T	-0.013
rs12921168	T	-0.0409
rs8047061	C	-0.014
rs117175876	G	-0.04
rs77636060	C	0.0784
rs72791398	C	-0.0777
rs7195620	A	-0.0162
rs75547528	A	0.0448
rs117297911	A	0.0462
rs2925050	A	-0.0145
rs9937853	C	0.0193
rs1849239	T	-0.0157
rs16975889	C	0.0153
rs16948642	G	-0.027

rs75749740	A	-0.078
rs11076699	G	0.0259
rs117015620	T	-0.0431
rs4335776	C	-0.021
rs146988770	C	-0.0576
rs2269786	C	0.0182
rs147228103	A	0.0686
rs117535546	C	0.0734
rs1981886	C	-0.0398
rs62051952	G	0.0311
rs138253174	T	0.0995
rs13336538	G	0.0151
rs66909108	A	-0.0172
rs117206583	A	0.0731
rs9935274	A	0.0725
rs12923917	G	-0.0146
rs12599043	A	-0.0166
rs4781693	T	-0.0161
rs12924361	T	-0.0168
rs117002386	A	0.0895
rs139081703	A	-0.0965
rs74028318	A	-0.0221
rs821212	G	-0.0155
rs112967633	G	-0.033
rs55865837	A	0.0232
rs4782026	A	0.0159
rs75196212	T	0.0242
rs76664696	T	-0.0593
rs76637010	C	-0.0538
rs1476955	A	-0.0167
rs215580	G	0.0618
rs198178	C	0.013
rs12926446	T	-0.017
rs1445451	C	-0.0204
rs117274198	T	-0.0275
rs117963628	C	0.0581
rs79543848	T	-0.0307
rs75018645	G	-0.0238
rs71390714	G	-0.1137
rs79030237	G	0.0301
rs35823763	A	0.0816
rs4486936	T	-0.0231
rs55704077	A	0.0237
rs73519272	T	-0.0657
rs4783992	G	0.0152
rs148157402	T	-0.0491
rs71404074	C	-0.0882

rs118056133	A	-0.0833
rs76040349	A	-0.0825
rs1054002	T	0.095
rs1966512	G	-0.02
rs12919005	G	0.0342
rs76708035	G	0.0719
rs55656608	A	-0.0147
rs80214069	T	0.0457
rs17136316	G	0.0199
rs11649615	A	-0.0201
rs62030298	A	-0.0716
rs35058114	A	0.0187
rs117036043	A	0.0675
rs76279628	T	0.0773
rs80311620	C	0.0339
rs77512330	T	-0.0525
rs11642176	A	0.0142
rs144078509	T	0.1222
rs78959735	G	-0.0768
rs17677211	G	-0.0276
rs34220937	T	0.0135
rs17501331	G	-0.0213
rs139622147	A	0.0591
rs4788595	A	0.0148
rs41503549	A	0.0175
rs4393563	T	0.0356
rs117800443	A	0.0742
rs8054788	T	-0.0229
rs61747750	T	0.0874
rs55862943	C	0.0629
rs144660294	T	0.0738
rs2550736	A	-0.0181
rs61997250	T	-0.0441
rs11647578	C	0.0481
rs11644892	G	0.039
rs74638417	G	-0.069
rs11074976	A	-0.021
rs118003907	C	-0.0475
rs7187230	G	-0.0142
rs7186634	G	-0.0129
rs77411993	C	-0.0253
rs57103409	C	0.0141
rs4887934	A	-0.0155
rs9928191	T	0.0127
rs76696192	T	0.0443
rs60664927	G	0.0356
rs71386860	T	-0.0711

rs76825359	C	0.0292
rs12447746	A	-0.023
rs117185371	T	0.0701
rs12925084	C	0.0145
rs256593	A	0.076
rs117833061	T	0.0426
rs142264806	A	-0.0798
rs9922187	A	0.0143
rs75629078	G	0.0635
rs2966117	T	0.0128
rs244824	C	-0.0179
rs12447368	A	0.0171
rs35902855	T	0.0521
rs111679101	A	-0.0545
rs112570731	G	-0.0494
rs118057590	A	0.0823
rs28683646	A	0.0186
rs144187087	A	-0.0776
rs117329105	C	-0.0506
rs12102448	A	0.0134
rs1362630	G	0.0153
rs34429025	A	0.061
rs79769349	C	-0.0338
rs3909529	C	0.065
rs1110474	T	-0.0268
rs74713459	C	-0.0207
rs10500521	C	0.0201
rs75499067	C	0.0306
rs117186856	T	-0.079
rs140929816	T	-0.0551
rs138194494	C	-0.0847
rs9941092	A	0.018
rs763800	G	-0.0288
rs117399237	A	0.0943
rs12930421	T	0.013
rs1109876	C	0.0136
rs11864970	G	-0.0256
rs55762309	T	-0.0213
rs140724868	G	-0.0279
rs72804693	G	0.0322
rs113969595	A	-0.0523
rs4784599	C	0.032
rs12598271	C	-0.0136
rs13334441	A	0.0332
rs75099244	A	0.0421
rs62050282	T	-0.0468
rs77087243	A	0.089

rs6497791	T	0.0127
rs11648997	A	0.0583
rs150763239	T	0.0674
rs141854787	T	-0.0508
rs146922947	A	-0.0576
rs117231356	A	-0.0814
rs17273402	T	0.0486
rs9635572	G	0.0166
rs77878563	G	0.0651
rs9923255	T	0.0144
rs62040879	G	-0.02
rs72802318	C	-0.0224
rs137938669	G	-0.0428
rs8063045	C	0.0144
rs9931811	G	-0.0172
rs4368160	A	0.0141
rs117645803	C	0.0901
rs2239331	A	0.0128
rs143448250	A	0.0609
rs11117207	C	-0.0608
rs57326241	A	0.0293
rs7198504	C	-0.0193
rs115845274	T	-0.0404
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rs1873423	C	-0.0206
rs55814618	C	0.0928
rs62030969	A	-0.0201
rs72787590	T	-0.0632
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rs872963	C	-0.0415
rs4781997	A	-0.0275
rs11859021	T	0.0211
rs2235579	T	0.0136
rs7196097	C	0.0151
rs4784018	A	-0.0236
rs4788807	T	-0.0271
rs7203166	G	0.0192
rs16953969	G	0.0363
rs147721208	C	0.0549
rs76238468	C	-0.0198
rs79500103	G	-0.0693
rs77622927	A	-0.0708
rs74966730	G	-0.0718
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rs60339402	A	-0.0656
rs114509319	G	-0.03

rs72789141	T	-0.0462
rs12446305	G	0.0668
rs142075276	C	-0.0603
rs11075521	T	0.0174
rs8058615	T	0.0125
rs17674860	T	-0.0167
rs145565470	A	0.0676
rs2925058	G	0.0312
rs151690	C	0.0339
rs17742774	G	0.0139
rs35021625	T	0.0682
rs150164272	G	-0.1054
rs143770835	T	0.0846
rs117545075	A	0.0495
rs35697347	A	-0.0409
rs117527684	G	-0.0878
rs62027733	A	0.0284
rs139684715	T	0.0649
rs62053580	G	0.0203
rs78392079	G	-0.0315
rs78189354	A	-0.0632
rs67064051	C	-0.0231
rs13338118	C	0.0142
rs111668544	G	0.0602
rs958999	T	-0.016
rs114178038	T	0.0297
rs10153117	T	-0.0477
rs7199607	G	0.0488
rs7500772	A	-0.0243
rs12598130	G	-0.0392
rs76097811	C	-0.042
rs2541709	T	0.0262
rs71386438	T	-0.0133
rs9930132	A	0.0131
rs62037247	T	0.0256
rs970856	T	-0.0121
rs141647926	G	0.0727
rs62054759	A	-0.0202
rs34674046	G	-0.0479
rs12921654	G	-0.0547
rs11149837	T	-0.0201
rs115172853	C	0.0291
rs11648829	G	0.0154
rs16948645	A	-0.0521
rs45518731	T	0.0522
rs72805903	T	0.0337
rs62046951	T	0.0286

rs117587551	G	0.0292
rs3176415	A	0.0241
rs72806994	T	-0.0637
rs11861701	T	0.0507
rs74671663	G	-0.0205
rs72788013	G	-0.0206
rs299955	G	-0.0199
rs62044715	T	0.0994
rs111939922	A	0.0296
rs761059	A	-0.0213
rs9922150	T	-0.0173
rs62041963	T	0.0166
rs118122877	G	0.0524
rs7204846	A	-0.0178
rs11648594	T	-0.0261
rs78769777	T	-0.0197
rs6501015	A	-0.0171
rs16939945	T	0.055
rs80256258	G	-0.0303
rs2873562	G	-0.021
rs9936574	G	0.0322
rs12599334	A	0.0325
rs147409759	T	-0.0805
rs541912	T	0.0289
rs4074240	T	-0.0274
rs76593010	T	-0.0771
rs78538440	A	-0.0375
rs72807747	G	0.0543
rs749674	C	0.0287
rs31070	T	0.0144
rs28534725	A	-0.0557
rs138016528	A	-0.0431
rs2968430	G	-0.0237
rs34015424	T	-0.0289
rs148225977	A	0.0659
rs149458216	A	0.0553
rs179049	C	0.0356
rs10521219	C	0.0254
rs138043508	A	-0.0382
rs2005100	T	-0.0184
rs72795702	T	-0.0381
rs13339222	C	-0.0318
rs4782706	T	-0.0441
rs76785746	A	-0.0533
rs8052743	C	-0.0132
rs4636916	T	-0.0425
rs1806865	T	0.0196

rs117766418	G	0.0626
rs76205205	G	-0.0388
rs4072925	A	0.0124
rs11641578	G	0.016
rs143581801	C	0.0837
rs78610190	T	0.0749
rs76547808	T	-0.0633
rs74393439	A	0.043
rs11860845	C	0.0143
rs80214318	G	-0.0588
rs11648890	A	0.0169
rs34890241	A	0.0296
rs34170408	T	-0.0229
rs1122794	A	-0.0192
rs6497959	G	0.0209
rs112069596	A	0.0178
rs140133389	C	0.0337
rs117765256	C	0.1061
rs8053739	T	-0.0366
rs4888977	T	0.0182
rs146711895	T	0.0789
rs1362330	A	0.0127
rs1038888	T	-0.0119
rs113119427	T	-0.0672
rs2266205	T	-0.0169
rs112300527	T	-0.0427
rs301627	G	0.0124
rs4553621	G	-0.012
rs77335772	A	-0.1347
rs74902078	T	0.1116
rs79463251	G	-0.0809
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rs147503320	T	0.0953
rs72790026	A	-0.0412
rs3852750	T	-0.0162
rs4782509	T	-0.0132
rs77712507	A	-0.0255
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rs28716110	C	0.0416
rs200277	A	0.0475
rs7195893	T	0.0394
rs73604744	A	0.0472
rs2738717	C	0.0174
rs146347288	A	0.0637
rs79645868	C	-0.0922
rs61692027	C	-0.0229
rs8059175	C	-0.0267

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rs11641762	G	-0.0143
rs11640666	A	0.0316
rs138131206	A	0.065
rs10775350	G	0.0143
rs56242879	A	-0.0622
rs34733313	T	-0.0818
rs76378162	T	0.0614
rs3042	C	-0.0202
rs7196573	G	0.0249
rs17201036	T	0.0523
rs144517634	C	-0.0881
rs7188833	C	-0.0138
rs79181444	C	0.0445
rs72785707	C	-0.033
rs55860715	T	0.0696
rs2034563	C	0.0557
rs11074449	C	0.0884
rs11645448	A	0.0135
rs79149457	C	-0.0763
rs9652588	C	-0.0121
rs118044362	A	-0.0859
rs1629	T	-0.0319
rs58105937	T	0.0554
rs62030982	A	-0.0694
rs72808613	C	0.0188
rs737637	T	0.013
rs151240411	A	0.0521
rs76711645	C	-0.0334
rs150013167	C	-0.078
rs12598994	A	0.0697
rs11648003	G	-0.0145
rs11644077	T	-0.031
rs12935020	T	0.0549
rs140290367	G	-0.0669
rs146382876	A	0.0863
rs8059354	C	-0.0123
rs745385	C	-0.0585
rs117468730	A	0.0449
rs144897822	T	-0.0703

rs72797836	A	0.0238
rs117089608	A	-0.0641
rs116977227	T	0.082
rs9936054	C	-0.0194
rs300004	A	-0.0387
rs12919014	T	-0.0196
rs117044449	A	-0.074
rs7186148	A	-0.0263
rs16963868	C	0.0713
rs4592663	T	0.012
rs116936233	T	0.0433
rs1962736	A	0.0125
rs143367262	A	0.0352
rs74766709	A	0.0445
rs6499632	C	0.0148
rs12595986	C	-0.0254
rs2388752	T	-0.0148
rs7195753	C	-0.0128
rs62047167	A	-0.0464
rs12324995	T	0.023
rs4785839	G	-0.0122
rs117447152	G	0.057
rs8061749	A	0.0119
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rs62029998	C	-0.0146
rs4354964	A	0.019
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rs76173302	A	-0.033
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rs118079775	T	0.0875
rs12919222	T	0.0864
rs9928052	A	0.0117
rs9923528	C	-0.032
rs194435	A	0.0146
rs16949366	A	0.0205
rs77415328	G	-0.0435
rs8053254	A	0.0225
rs2744995	G	0.0806
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rs79515662	A	0.0866
rs72780324	T	0.0812
rs72787890	T	-0.0261
rs56400542	A	-0.012
rs72768603	A	-0.0227
rs118010356	C	0.0555

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rs12929658	A	-0.0265
rs986842	T	-0.0522
rs142985474	A	0.0607
rs11643855	C	0.0136
rs118190104	T	0.0605
rs71390812	C	-0.0201
rs2343567	T	0.0218
rs147449361	A	0.0905
rs62030271	A	0.0265
rs117484906	C	0.068
rs116456718	T	-0.0239
rs143534693	T	-0.0463
rs2696841	G	-0.037
rs62033374	A	-0.014
rs143093927	C	0.0756
rs13332133	G	0.0319
rs4408557	G	-0.015
rs8047869	C	0.0119
rs140060433	A	-0.0672
rs76382178	G	0.0429
rs761068	G	-0.0136
rs12921952	A	-0.0389
rs117803319	A	0.0766
rs74559176	T	-0.0424
rs8047437	C	0.0179
rs7200415	T	-0.0551
rs146404195	A	0.0905
rs56831596	A	-0.0737
rs7204819	G	-0.0232
rs12930148	T	0.0141
rs4889291	G	-0.0144
rs35393762	G	-0.0599
rs7192447	C	-0.0191
rs62041984	G	0.0258
rs117995116	C	-0.0337
rs244810	A	-0.0139
rs17436582	G	0.0878
rs193652	C	0.0163
rs12917647	G	0.0167
rs6500419	G	-0.012
rs7190015	G	-0.0187
rs62050768	T	0.1102
rs60777234	T	0.0259
rs173589	C	-0.0121
rs80030798	T	0.0656

rs79548139	A	-0.0659
rs875527	A	-0.0603
rs79357091	A	-0.0851
rs78781548	G	-0.0528
rs7193944	C	-0.0534
rs11643838	A	0.0132
rs71384865	G	0.0483
rs2576566	A	0.0626
rs744972	C	-0.0139
rs80350728	G	0.0529
rs10048132	A	-0.0131
rs10163253	T	-0.0205
rs9939793	T	-0.0158
rs9797037	A	0.0137
rs12928193	A	0.0217
rs74016020	T	-0.0648
rs112358314	G	0.0226
rs17676610	A	-0.0127
rs35604113	G	0.0178
rs11859719	C	0.0141
rs140149997	G	0.0558
rs74392462	G	0.0662
rs3965781	T	-0.0959
rs1032451	A	0.0173
rs75681432	A	-0.058
rs28370546	A	0.0554
rs117568059	A	-0.0704
rs12924078	T	0.0467
rs8060055	C	-0.0126
rs75563459	C	-0.1045
rs8063474	T	0.0122
rs17822317	T	0.0411
rs141977876	A	-0.0541
rs187679	C	0.0118
rs8059639	G	0.0158
rs7405378	A	-0.0131
rs16973865	G	0.0477
rs77446798	G	-0.0569
rs62052447	A	0.0462
rs75461591	T	-0.0352
rs8055199	G	-0.0147
rs4787180	A	0.0148
rs112818457	A	-0.0466
rs880380	A	0.024
rs112002026	T	-0.0653
rs143060339	G	0.0569
rs12446507	A	0.0166

rs3743773	A	-0.0119
rs75168050	A	0.0649
rs8044516	A	0.018
rs117049453	C	0.0382
rs12445797	G	0.0435
rs117914655	A	0.033
rs2277892	T	0.0261
rs6500664	G	-0.0222
rs72834728	A	-0.0256
rs13330520	T	0.0221
rs4782695	G	0.0218
rs78425396	G	0.0548
rs11649580	A	-0.0732
rs77563448	C	-0.0818
rs11641004	A	-0.0302
rs7200660	A	0.0149
rs143200754	T	-0.037
rs2240146	T	-0.0779
rs4470137	A	-0.0189
rs78915094	T	0.062
rs148830516	G	0.0576
rs12923825	C	0.0317
rs9929115	C	0.0128
rs36074930	T	-0.0305
rs59648726	G	-0.0436
rs13334533	T	-0.053
rs3751788	C	0.0136
rs31983	G	-0.0121
rs144161484	T	-0.0778
rs79642548	C	-0.0517
rs11862740	G	0.0335
rs147258092	T	0.0279
rs117020619	A	0.0352
rs112391144	T	0.0622
rs16976341	C	0.0219
rs12929319	G	0.0163
rs66993176	C	-0.0314
rs17559149	G	0.0396
rs143293564	C	-0.062
rs62025676	T	-0.0133
rs139905800	A	0.0153
rs7204933	C	-0.0361
rs2541536	T	0.0292
rs421959	T	-0.0297
rs113386606	T	0.0285
rs150273737	G	0.0496
rs148830949	C	0.0623

rs28495848	G	0.0185
rs62045430	A	-0.0216
rs4442794	C	-0.0123
rs1072123	T	-0.0168
rs117308585	A	0.0771
rs11644982	C	0.0177
rs7200230	G	0.0376
rs149194	T	0.016
rs9936352	T	-0.0303
rs17720649	A	0.0197
rs1974896	T	0.0123
rs76206848	A	0.0456
rs145883517	T	-0.0426
rs72779829	T	-0.0186
rs34842369	G	-0.0145
rs150390841	T	-0.0673
rs9938125	A	0.0566
rs11649096	G	0.0341
rs72781844	T	0.0346
rs2288581	T	-0.0165
rs76852585	T	-0.0619
rs76748865	G	-0.0905
rs117592845	G	-0.0757
rs9923573	G	0.0164
rs11645189	A	-0.042
rs138779818	A	0.0754
rs80023992	C	-0.0775
rs117145198	T	0.02
rs145791081	G	-0.066
rs116903007	A	-0.05
rs4843958	G	-0.0187
rs76358913	C	0.0306
rs79380030	C	-0.0245
rs16966614	C	-0.0619
rs2022174	A	-0.0187
rs117476866	A	0.0308
rs74825741	A	-0.0326
rs7186606	G	0.0321
rs75631901	G	0.0618
rs117786706	A	-0.0464
rs117767991	T	0.0678
rs139138900	A	-0.033
rs77782633	T	-0.0582
rs78299044	G	0.0273
rs55730016	T	0.0131
rs7190182	C	0.0307
rs16971906	G	-0.03

rs11865882	A	0.0138
rs37038	G	-0.0271
rs113912728	T	0.0925
rs16950622	A	0.0327
rs74527958	A	-0.0392
rs78135017	G	0.0631
rs11642396	A	0.014
rs7184490	T	-0.0117
rs146052037	G	0.046
rs78030312	G	-0.0584
rs72797948	C	-0.0541
rs111742588	G	0.0737
rs1423825	T	-0.0752
rs76879440	A	-0.0298
rs1709786	A	0.0327
rs75418231	C	0.0558
rs1074540	T	-0.0158
rs34929330	C	0.0807
rs143513876	G	0.0768
rs10468251	A	-0.0301
rs34843513	G	0.0326
rs1553722	C	-0.0264
rs3760043	A	0.0183
rs2113268	G	0.0119
rs17691408	A	-0.0409
rs138991155	C	-0.0448
rs145164243	C	-0.063
rs7405037	T	0.0193
rs11866600	G	-0.0374
rs35476050	A	-0.0645
rs72800467	G	-0.0622
rs16952537	A	-0.0119
rs77519742	A	-0.0705
rs118064029	C	0.0698
rs12924282	G	0.02
rs1876944	T	-0.0124
rs57898246	A	-0.029
rs8049980	C	-0.0512
rs146046980	G	0.0438
rs2302759	A	0.0146
rs194329	A	0.0129
rs62030354	T	-0.022
rs4889008	C	0.0153
rs17801812	A	-0.0164
rs11646910	A	-0.0233
rs9939912	C	0.0203
rs111533242	T	-0.0638

rs4624187	T	0.0322
rs78458246	A	-0.0416
rs34515858	A	0.0221
rs148785786	A	-0.0785
rs12446319	C	-0.0123
rs115987233	G	0.0683
rs78368124	C	-0.0611
rs62048432	C	0.0669
rs1364001	T	-0.0126
rs72786433	T	-0.0751
rs1559396	C	-0.0214
rs139473331	A	0.0595
rs117092937	T	0.0686
rs11864374	A	-0.0126
rs142003194	A	-0.0823
rs9936224	G	-0.0111
rs3852758	A	-0.0181
rs670962	T	0.0142
rs8044270	G	-0.0118
rs11640586	C	-0.0133
rs75283091	A	-0.0292
rs144284118	T	-0.0218
rs72771007	A	-0.0398
rs12444064	A	0.0122
rs9921664	A	0.0143
rs56050046	T	0.0554
rs145405497	A	-0.0693
rs992507	C	0.0119
rs72640404	T	0.0159
rs8051088	C	0.057
rs78788884	A	0.0573
rs117526569	T	-0.0454
rs112649664	A	0.0649
rs72797097	A	-0.0273
rs4785807	G	0.0378
rs16966671	G	-0.014
rs116855785	T	0.0601
rs8057026	T	-0.0117
rs7202575	T	-0.0306
rs75608240	A	0.0505
rs2035490	G	-0.0123
rs12917899	A	-0.0122
rs116969507	G	0.0469
rs1119754	A	-0.0114
rs117006559	G	0.082
rs8052096	G	0.0491
rs142195340	A	-0.0584

rs215900	C	-0.0392
rs58426835	A	0.0362
rs9935809	A	0.0343
rs2216667	C	0.0434
rs1555001	A	-0.0225
rs79227246	T	-0.0247
rs74013048	C	0.0316
rs233516	A	-0.0906
rs71404007	C	-0.0234
rs78972877	T	0.0731
rs7190491	A	-0.0123
rs72778605	G	-0.0599
rs66517528	T	-0.0275
rs78965501	C	-0.0737
rs7498403	C	0.0224
rs8059703	C	-0.0117
rs7499710	C	0.0165
rs77329653	G	-0.0983
rs10514482	T	0.0243
rs76187616	C	-0.0604
rs34780135	A	-0.0178
rs41433148	T	0.0358
rs6497331	G	0.0124
rs9922775	A	0.0195
rs141447723	T	0.0301
rs4129177	C	-0.0123
rs111636938	A	-0.0134
rs10775267	T	-0.0111
rs80062355	A	-0.02
rs74918308	C	-0.0465
rs78223724	G	0.0462
rs11644855	C	-0.0414
rs77435000	T	0.037
rs7188008	A	-0.0137
rs62034062	C	0.0579
rs57538453	C	0.0716
rs117752502	G	0.0511
rs17822235	G	-0.0389
rs17782553	C	-0.016
rs74527613	A	-0.0677
rs74507751	T	0.0763
rs111878960	C	0.0503
rs316377	G	0.0173
rs150376878	T	-0.0472
rs62036895	G	0.0338
rs12924156	A	0.0424
rs142054618	G	-0.0517

rs11642272	A	-0.013
rs112109564	G	-0.0874
rs11076799	A	-0.0116
rs12926425	T	-0.0174
rs11862321	A	0.0127
rs138776600	T	0.0507
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rs11641432	G	-0.0329
rs4442813	C	-0.0118
rs1421090	G	0.0124
rs62036297	A	-0.0131
rs72785604	G	-0.0316
rs9937968	G	0.016
rs57288890	A	-0.0191
rs16949197	C	0.0358
rs78224412	C	0.0565
rs57943154	A	0.0544
rs8050038	C	-0.0115
rs4888121	C	-0.0113
rs12919187	T	-0.0343
rs4548845	G	-0.0407
rs8054887	A	0.0217
rs4782888	A	0.0236
rs79028902	T	0.0391
rs77270006	C	-0.0364
rs143700749	A	-0.0301
rs111855061	C	-0.0589
rs29572	C	-0.0201
rs79244940	T	-0.0423
rs79152737	A	-0.0774
rs76792418	G	-0.0544
rs11077091	G	0.0679
rs251790	A	0.0681
rs196014	T	0.0173
rs964932	T	0.0552
rs933569	T	0.0188
rs11647003	T	0.0161
rs10863210	A	-0.0255
rs145222624	G	0.0823
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rs113508033	C	-0.0371
rs8054696	C	-0.0117
rs118111347	T	0.0269
rs34426494	T	-0.024
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rs8058743	T	0.0155
rs4471666	G	-0.0287

rs11645947	T	0.0137
rs72787084	T	-0.0386
rs9931646	A	0.013
rs56387835	A	-0.0192
rs12445283	G	-0.0276
rs80035226	A	0.0402
rs73618831	C	0.0614
rs12917774	A	-0.0219
rs145713123	G	-0.0882
rs139457838	G	-0.0947
rs147873690	G	0.0498
rs3112586	C	-0.0245
rs112047304	C	0.0363
rs138520737	C	0.0265
rs1183964	C	0.0135
rs8063742	C	-0.0106
rs147030501	A	0.0402
rs7192270	T	-0.0213
rs139552981	G	0.0494
rs78821328	A	-0.0727
rs12933574	C	0.0336
rs12924962	C	-0.016
rs756411	A	0.0147
rs4785024	A	0.0124
rs117586700	G	0.0477
rs74378471	C	-0.0278
rs3934986	A	-0.0204
rs1812750	A	-0.0239
rs79754142	G	0.0782
rs4783187	T	0.0191
rs1881220	G	-0.016
rs80027786	T	-0.0308
rs57576928	T	-0.0223
rs77365704	A	0.0554
rs2539999	C	0.0162
rs12598182	C	0.0258
rs4076875	T	0.015
rs1548915	T	0.012
rs117932830	T	0.0557
rs8051877	G	0.0157
rs142539117	T	0.0405
rs17141404	C	-0.0737
rs16949621	T	0.0175
rs12149654	A	-0.0508
rs12446321	G	0.0122
rs244851	G	-0.015
rs112926321	T	0.0584

rs9927564	T	-0.0134
rs79699742	A	-0.0605
rs55653375	G	0.025
rs11640818	A	0.0217
rs1420292	A	0.0131
rs17728207	T	0.022
rs138916074	G	0.0632
rs62039681	T	0.0155
rs7185074	G	0.0242
rs78380053	T	0.0192
rs301137	G	-0.0125
rs2911293	T	0.0113
rs4523912	A	0.0151
rs117267681	A	0.0615
rs117556015	A	0.0992
rs79074263	G	-0.0782
rs146978365	C	-0.0495
rs146530002	T	0.0545
rs12921822	T	0.013
rs72789706	G	0.0223
rs78397580	C	0.0484
rs111888233	T	-0.0429
rs78268165	G	0.0282
rs74970438	A	-0.0524
rs62035538	G	-0.0138
rs6499032	G	0.0108
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rs111526313	T	-0.0695
rs12934021	A	0.0294
rs74332379	C	-0.0398
rs4888884	T	0.0126
rs112595681	A	0.0519
rs8061866	T	-0.0177
rs2632516	C	-0.0782
rs8078173	C	0.1279
rs113260531	A	0.1073
rs7222902	A	0.216
rs9896800	C	-0.078
rs4794973	T	0.2558
rs146351285	T	0.3686
rs117639581	A	0.3386
rs2696501	T	-0.1109
rs17687054	T	-0.0795
rs12450340	C	0.0983
rs73316435	T	0.0763

rs2906100	T	-0.0657
rs62060097	C	-0.2978
rs1583390	G	0.3542
rs115597167	T	0.4672
rs4791218	C	0.1286
rs142138608	G	0.3866
rs79324548	G	-0.1703
rs7210846	A	0.0575
rs1971662	C	-0.0618
rs35166593	G	0.0963
rs12450585	C	-0.0755
rs13341542	C	-0.0702
rs34867153	T	-0.0977
rs113368712	A	0.0782
rs3760372	T	0.0616
rs2671655	C	-0.1351
rs11656774	A	0.0843
rs1548681	T	-0.0771
rs9906088	A	0.0872
rs3744189	T	-0.0868
rs12150662	A	-0.0652
rs60379759	C	0.0613
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rs9897429	G	-0.0751
rs9893551	G	0.3232
rs59779517	G	-0.113
rs147747231	A	-0.4878
rs9892013	A	0.2185
rs79314188	A	-0.1567
rs72852302	A	-0.2851
rs112136529	G	0.1081
rs9909716	A	-0.0965
rs11655630	T	0.0759
rs4638624	A	-0.1416
rs138872789	T	0.2523
rs61753104	T	0.1622
rs11655227	G	-0.0745
rs17783142	G	-0.109
rs4968748	A	0.0617
rs28967	A	-0.0631
rs117661293	C	0.2626
rs12326035	A	-0.1095
rs2958896	T	-0.0896
rs79000376	C	0.2237
rs1490927	C	0.0699
rs72828767	A	0.1677
rs8081598	C	0.126

rs74812937	A	-0.1641
rs4796679	C	0.0524
rs4293	G	-0.0513
rs8081117	T	-0.1015
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rs75200848	C	-0.1502
rs4635386	G	0.0559
rs3751956	A	-0.0525
rs2036171	T	-0.0531
rs3785928	A	0.1305
rs75650002	G	-0.0805
rs34984504	C	0.1174
rs7216806	G	-0.0601
rs141073699	A	0.2027
rs2671676	T	-0.0924
rs77799382	G	0.1455
rs17820725	A	-0.0923
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rs74476245	G	0.1938
rs118191569	T	0.1321
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rs11079571	A	-0.0712
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rs62068263	A	-0.1395
rs72624990	C	0.0551
rs56366200	C	0.0512
rs66955829	G	-0.0568
rs114636930	C	0.2037
rs4078690	C	0.0666
rs7223655	T	-0.0654
rs4793649	G	0.0629
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rs67020881	T	-0.0563
rs150542839	T	-0.0784
rs6501851	C	0.0507
rs76538025	C	0.1491
rs4789638	A	0.0628
rs116966909	T	-0.2455
rs12941864	T	-0.0539
rs9907544	G	-0.0626
rs9908921	G	0.0526
rs3744353	A	-0.1027
rs8072875	A	-0.0665
rs4791927	A	0.0534
rs11652138	G	-0.0643
rs118020794	T	0.2817

rs79141987	A	-0.0801
rs8078026	T	0.0577
rs117303388	T	0.1842
rs9898910	T	-0.0477
rs2286560	A	-0.0619
rs9903045	G	0.0693
rs72809349	T	0.0879
rs880266	A	0.0549
rs76027743	C	0.173
rs55633105	G	0.1765
rs11649853	T	-0.0879
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rs141658744	C	0.3184
rs6501661	G	-0.1024
rs2663344	C	-0.1074
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rs73995240	C	0.283
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rs9916450	T	0.0579
rs66967287	T	0.0891
rs117061241	A	-0.2035
rs8069126	C	-0.0546
rs1861573	C	-0.0493
rs4793695	T	0.0559
rs116244861	G	-0.1624
rs1369102	T	0.0475
rs117811037	A	0.2109
rs11868867	A	-0.1559
rs4889990	A	-0.0468
rs1972605	T	-0.0797
rs410384	C	-0.0577
rs78666792	C	0.2806
rs8067860	A	0.0587
rs4638634	T	-0.054
rs2189757	G	0.0905
rs929477	A	-0.0839
rs28651696	C	-0.1622
rs34497316	A	0.0667
rs9303646	T	-0.0713
rs80314763	T	0.1637
rs8070213	C	0.0481
rs34205394	A	-0.0963
rs9894262	A	-0.0521

rs60613596	A	-0.2913
rs8072068	G	0.0468
rs6504631	T	0.1227
rs12452554	C	-0.1112
rs12948758	A	0.1064
rs231448	A	-0.0489
rs226223	A	0.0507
rs62086348	A	-0.0508
rs79945904	G	-0.1156
rs7207590	C	-0.0497
rs6501248	T	0.1564
rs4793119	A	-0.0467
rs35421226	G	0.0698
rs34275510	A	-0.0857
rs11658145	C	0.0722
rs146051378	G	0.1627
rs117566655	C	0.2213
rs118126262	C	-0.2791
rs6504310	C	0.2544
rs139566238	A	0.2837
rs7406439	A	0.0611
rs7225308	T	0.049
rs6607284	C	-0.0472
rs11077607	G	-0.046
rs62058287	C	0.233
rs3926423	C	0.1946
rs74000615	T	0.3079
rs60005475	T	0.3535
rs12185281	A	-0.175
rs117912230	A	-0.2134
rs138808125	T	-0.2615
rs9903959	G	0.045
rs12952952	G	0.0652
rs7207574	A	0.0671
rs117801968	T	0.1238
rs72834191	A	0.0585
rs34169093	T	0.2332
rs28675025	C	0.142
rs11657599	A	-0.1374
rs6501517	G	0.062
rs9900553	T	-0.2364
rs62071206	T	0.0955
rs2526372	A	-0.0559
rs11204419	G	0.0473
rs2003457	G	0.06
rs75814967	T	0.1935
rs2215238	A	0.057

rs145998384	A	0.1323
rs9898889	T	0.049
rs36049013	T	-0.1594
rs2073667	T	0.1686
rs73980929	C	0.1346
rs565977	T	-0.05
rs1029757	A	-0.0468
rs9909219	C	0.0486
rs117174999	T	0.3968
rs72823853	T	0.0906
rs34033742	C	-0.2077
rs75620046	A	0.2071
rs77450252	G	-0.1968
rs62073077	A	0.1043
rs1741272	A	-0.1573
rs16960381	T	-0.0741
rs112855442	C	0.1822
rs62067003	A	0.133
rs34709305	T	0.3006
rs118191038	G	-0.2611
rs7210082	C	-0.0631
rs56182592	T	-0.0719
rs117065579	T	-0.2992
rs117452130	C	-0.1331
rs77041491	T	-0.3272
rs72844465	T	0.0784
rs146703950	T	0.3586
rs117632785	T	0.2338
rs111894889	C	-0.1694
rs3024298	C	0.1447
rs9900291	T	-0.0537
rs72844270	A	0.1241
rs61745194	T	0.1977
rs9891116	C	-0.044
rs6504124	G	0.1601
rs17052352	C	-0.0573
rs9913319	A	-0.0466
rs2683201	C	0.0691
rs8080520	A	0.1189
rs112852338	C	0.1933
rs117107082	T	0.2263
rs145091396	C	0.1763
rs1263875	A	0.1087
rs111481861	C	0.276
rs11655481	T	-0.0471
rs4634	A	0.0469
rs9915468	A	0.0531

rs72813143	G	-0.1215
rs71368590	T	0.1166
rs62069950	G	-0.0473
rs11656636	A	-0.1421
rs2109239	C	0.0546
rs7223099	T	0.0615
rs4439812	A	0.0542
rs62084913	T	-0.055
rs9912927	G	-0.0464
rs1032070	T	0.0481
rs887524	A	-0.1034
rs72843243	G	-0.0626
rs77692739	G	0.1245
rs9891717	G	0.0769
rs147648382	G	0.1552
rs7219150	T	-0.0577
rs9908668	C	-0.0478
rs12936006	C	0.061
rs8073366	G	-0.0436
rs141236186	A	-0.1073
rs117771722	C	-0.2495
rs7214983	T	-0.0478
rs8081573	T	0.0759
rs3096	G	-0.0458
rs117282482	C	-0.1724
rs9889614	A	0.0555
rs917518	G	-0.0469
rs11654944	G	-0.0595
rs75716493	G	-0.3694
rs1574525	G	0.0553
rs12936361	C	0.0593
rs1974701	T	-0.0433
rs111942199	T	0.0836
rs11653687	G	0.0809
rs72847154	C	0.0564
rs77623718	G	-0.2682
rs11656586	C	-0.0675
rs138616537	T	0.1348
rs12450705	T	0.0446
rs2079719	T	-0.06
rs8065691	T	0.0417
rs7212783	T	0.0454
rs72833746	T	0.078
rs72854796	T	-0.1035
rs140357168	G	-0.366
rs17246804	A	0.168
rs143098225	C	-0.2134

rs73271750	C	0.0985
rs10512554	G	-0.0488
rs16952454	T	0.1042
rs997652	T	-0.043
rs8068186	C	-0.0424
rs11870189	C	0.047
rs72847231	A	-0.0596
rs71373875	T	0.0715
rs17590228	A	-0.0645
rs9904116	C	-0.0496
rs2714025	C	0.0622
rs7220432	G	0.1061
rs73987708	G	0.0976
rs2158512	C	-0.1019
rs2642043	A	0.0617
rs7503542	C	-0.062
rs8078571	C	-0.0426
rs117311539	A	-0.251
rs146311928	C	0.0887
rs77291317	A	-0.1379
rs8065634	C	-0.0502
rs9900218	C	-0.0525
rs72818204	A	0.0963
rs7207128	A	-0.0663
rs8076157	T	-0.0483
rs6504248	G	-0.0545
rs4073526	A	0.0455
rs113172054	A	0.0712
rs138003729	A	0.3191
rs139692409	A	0.2925
rs2605142	T	0.0477
rs1964310	G	0.0947
rs223140	C	0.0759
rs7211065	T	0.0939
rs11658696	G	-0.0456
rs74424015	G	-0.1953
rs1662574	G	0.051
rs11649804	A	-0.0439
rs12453522	G	-0.0513
rs10521280	G	0.0613
rs2058210	C	-0.055
rs12453007	A	0.0515
rs17679086	G	0.2349
rs4968916	T	-0.2831
rs11651695	C	-0.0414
rs118058402	A	0.157
rs113713386	C	-0.1201

rs73976286	C	0.1096
rs77827373	T	-0.2309
rs150910880	T	0.1874
rs117732254	C	0.187
rs111344964	G	0.1528
rs9916457	C	-0.0488
rs111815788	C	0.0713
rs61742229	A	0.1312
rs117920061	A	0.1411
rs8065642	T	-0.042
rs12603796	C	-0.0641
rs4073940	C	0.1194
rs1734972	A	-0.0788
rs35928207	G	0.078
rs1482105	A	0.0644
rs1132934	G	0.0735
rs4147997	A	-0.0492
rs145213882	T	0.1901
rs111922124	T	0.2512
rs8080955	C	-0.0415
rs12326003	A	0.2353
rs74951924	T	0.1025
rs2021754	T	0.0437
rs116977281	C	-0.1824
rs140728284	G	-0.2902
rs17782405	G	-0.0633
rs144133346	G	-0.1812
rs7211557	G	0.0675
rs6503966	T	-0.0854
rs144043117	G	0.2596
rs75237415	C	0.1202
rs111689642	A	-0.2535
rs714894	G	-0.0434
rs4793074	T	0.0944
rs77889472	G	-0.1013
rs17645265	G	0.0552
rs4788963	T	0.062
rs899799	G	-0.0445
rs210826	A	-0.0578
rs72822140	A	0.1426
rs4794222	A	0.0474
rs116654184	A	0.1762
rs11655165	C	0.041
rs56364001	C	-0.0707
rs117190130	T	0.1457
rs28510139	T	-0.0942
rs12946776	G	-0.0403

rs5848	T	0.0534
rs12453430	A	0.048
rs73232402	T	0.1258
rs141137162	C	-0.2804
rs9903673	C	0.052
rs7222956	A	-0.0499
rs9907575	A	0.096
rs4060775	A	0.1057
rs112092423	G	0.0618
rs10852732	T	0.0414
rs16951866	A	-0.128
rs7226141	G	0.0884
rs10445399	A	0.1143
rs62080330	G	-0.0502
rs147276702	T	-0.1597
rs143617271	A	-0.1602
rs3809830	T	-0.0586
rs16970972	A	-0.0574
rs62088045	T	-0.1502
rs111985490	A	-0.174
rs9909065	A	-0.0499
rs12945069	A	-0.0466
rs2366016	G	-0.0872
rs111618475	T	0.2759
rs274906	C	0.2592
rs62082731	C	0.09
rs142714793	T	0.1589
rs8071060	T	0.1913
rs34339689	A	0.0535
rs12162165	T	0.0508
rs11651269	C	-0.0587
rs6504058	G	-0.0517
rs17577327	T	0.0588
rs75681799	C	-0.1047
rs73281123	T	0.0704
rs78934119	T	0.1651
rs78368910	A	0.2294
rs147854426	G	0.1228
rs72836770	C	0.1061
rs142793506	A	0.1138
rs8076725	A	0.0433
rs76776645	A	0.2161
rs6416892	G	0.0397
rs62070756	A	-0.1317
rs117798223	T	0.1806
rs11079329	G	-0.0534
rs55997369	C	-0.2296

rs77777291	G	0.077
rs77804211	T	0.2598
rs9906315	A	0.0635
rs118075579	T	0.184
rs7406722	A	-0.0388
rs12945511	A	0.0613
rs78294214	A	-0.1274
rs4988343	T	0.2229
rs2306508	A	-0.0397
rs78734298	C	0.1947
rs62069794	T	0.0909
rs8081589	A	0.0863
rs17225109	A	0.1082
rs62069343	T	-0.1159
rs76515704	A	0.1828
rs34067662	G	-0.0923
rs76653886	A	-0.1544
rs28787599	G	0.1164
rs7218488	A	0.0569
rs7225521	A	0.0444
rs4796760	G	-0.1165
rs2072653	A	-0.0604
rs62062384	T	0.061
rs62072750	A	-0.0424
rs140564516	G	0.2058
rs8068946	A	-0.0425
rs62057836	C	0.0702
rs74586391	C	0.2743
rs1606610	A	-0.051
rs17182658	T	-0.0995
rs1617685	G	0.0403
rs36102671	A	-0.0756
rs115075297	A	0.2047
rs8074793	G	0.0464
rs7221614	C	0.0486
rs35535031	T	0.2397
rs113352672	C	0.3255
rs12603841	C	0.2682
rs4054867	G	0.133
rs62051420	A	-0.0597
rs117195891	A	-0.0947
rs12449856	T	0.084
rs147529200	A	0.1054
rs113050467	G	-0.1483
rs4793456	G	-0.0488
rs9899950	T	-0.0787
rs6565539	G	0.0644

rs2277618	T	-0.0643
rs77771777	T	-0.1741
rs117065066	T	0.155
rs118169492	A	0.2435
rs72847916	T	0.1899
rs62063157	C	0.0747
rs8079967	A	0.1354
rs138153523	T	-0.0807
rs141415334	C	0.2704
rs80075032	C	-0.0483
rs116905672	T	-0.1842
rs72811909	T	0.061
rs77026717	C	-0.0632
rs76938002	T	-0.1086
rs56340216	T	0.1745
rs12951187	G	0.0606
rs79773639	G	0.1645
rs145906389	A	0.2203
rs4795330	A	-0.0439
rs1442833	C	-0.0399
rs80102940	T	-0.0808
rs139569868	A	0.242
rs11655038	A	0.0713
rs8076771	T	0.2228
rs72832284	A	0.0839
rs12453749	C	-0.0389
rs441695	A	0.0394
rs9900321	T	0.111
rs112865118	A	0.2699
rs41299816	T	-0.0556
rs12941180	C	-0.0403
rs74367802	C	0.1899
rs78409943	C	-0.0909
rs139083683	A	-0.1235
rs147921388	C	0.1821
rs112179957	A	-0.098
rs1367950	C	-0.0389
rs8079995	A	-0.0384
rs4082919	T	0.0398
rs118166304	G	-0.3445
rs12944165	C	0.0681
rs9891336	C	-0.2352
rs2301353	G	-0.0424
rs2215029	A	-0.0699
rs12942445	C	-0.0567
rs117465925	A	0.1481
rs4794732	C	-0.04

rs4790408	A	-0.0616
rs17658398	A	0.0416
rs56394403	C	0.1142
rs143514563	A	0.1811
rs11872083	T	0.0526
rs35429751	G	0.123
rs75003668	G	-0.1448
rs11649879	T	-0.0651
rs111645998	A	-0.0972
rs2671649	A	-0.0686
rs138617950	T	0.2961
rs4271640	G	0.0409
rs66498906	G	0.0419
rs12942033	T	-0.1227
rs11652601	G	-0.041
rs72842223	A	-0.1501
rs12948632	T	-0.0448
rs2240083	T	-0.0485
rs12453207	A	-0.0943
rs150566854	T	-0.1314
rs8078857	A	-0.0383
rs118189300	T	-0.2645
rs55897641	C	0.2235
rs7218178	A	-0.0605
rs11650165	T	-0.0402
rs883251	T	-0.0463
rs111873142	T	-0.1736
rs894967	T	-0.1872
rs146167547	A	-0.3274
rs5638	G	-0.1389
rs170210	T	-0.0738
rs883286	T	0.0384
rs77993972	T	-0.3043
rs9890352	C	-0.0643
rs16960114	C	0.0484
rs113313630	A	-0.0656
rs72811656	C	0.069
rs77692797	C	-0.1914
rs9895498	G	0.0545
rs1038651	C	-0.0413
rs74426883	T	-0.164
rs12951487	T	0.1333
rs17599639	A	-0.0937
rs9911690	C	0.047
rs1476774	A	0.0474
rs11869711	A	-0.0545
rs144297900	A	-0.1562

rs222852	G	0.0373
rs8070414	G	0.0604
rs28642775	A	-0.0406
rs11651653	G	0.0655
rs113002539	T	0.1964
rs12450540	A	0.0514
rs78511019	A	-0.0678
rs118000689	G	-0.2549
rs7208460	C	0.0409
rs73997582	A	0.1115
rs2165705	A	0.0484
rs72833154	C	-0.1056
rs112421851	G	0.1496
rs80224341	A	0.0871
rs2344339	T	0.0424
rs28692633	T	0.1266
rs8064645	G	-0.0582
rs118036166	G	-0.1772
rs79677613	T	0.169
rs35747764	G	-0.1223
rs149568517	A	0.1737
rs4383191	A	0.0382
rs6502257	G	0.0705
rs667026	C	0.0513
rs116846789	G	-0.1584
rs12942740	A	-0.0658
rs9893689	G	0.0499
rs4968889	T	-0.0384
rs10512474	G	-0.0644
rs112097489	C	0.3059
rs4795755	T	-0.1267
rs111834285	T	-0.0716
rs56224221	T	0.1469
rs2367501	C	0.0438
rs2109248	G	-0.0397
rs34778863	A	0.1799
rs744166	G	0.0366
rs56005409	T	0.0846
rs143809034	A	0.2816
rs9906551	A	-0.0463
rs138777331	T	-0.2004
rs62069670	T	0.0379
rs62072836	A	-0.1307
rs4792542	C	0.04
rs17762314	G	-0.041
rs4794899	C	-0.0703
rs72844074	C	0.196

rs80026188	T	-0.2761
rs35570313	G	-0.0453
rs147308018	T	0.1269
rs7219674	G	0.0985
rs9893515	T	0.072
rs111721971	T	0.1211
rs2935428	A	0.0514
rs151116767	G	0.1716
rs61641128	G	0.138
rs8079781	T	0.0443
rs145153543	A	0.2139
rs117666552	G	0.165
rs117531258	A	0.2224
rs111656919	A	0.2011
rs76877955	C	-0.2544
rs8080896	A	-0.0501
rs75332081	C	-0.1099
rs11868982	G	-0.0603
rs72832757	A	0.0675
rs55788506	T	0.2407
rs6565465	A	0.0385
rs147830853	T	0.1048
rs391271	G	-0.0984
rs143938222	G	0.1666
rs79294765	C	0.0885
rs111698893	T	0.1141
rs79927765	G	-0.116
rs62062553	C	-0.1722
rs7211860	A	0.0607
rs116982636	T	0.217
rs11658031	A	0.1442
rs9916791	C	0.053
rs141412655	T	0.2146
rs117593295	G	0.1604
rs757416	C	0.039
rs6587211	G	-0.0536
rs11649977	T	0.0573
rs117994016	A	-0.0906
rs75740380	G	0.0656
rs12948970	A	0.0417
rs142139541	T	-0.0692
rs7223723	C	0.0374
rs9911197	G	0.0362
rs118046709	T	0.2898
rs9892932	T	-0.0497
rs2714035	G	0.0402
rs7212955	G	0.0415

rs9897923	G	0.0724
rs6502941	T	-0.0387
rs139296776	G	-0.1766
rs117521260	A	0.2128
rs78393724	T	0.1658
rs59234820	C	-0.0508
rs141599162	G	-0.0922
rs3930968	G	-0.0683
rs56404472	C	0.1353
rs77307908	G	-0.1557
rs141321280	A	-0.1463
rs9896379	C	0.0693
rs144746382	T	0.1543
rs1017090	A	-0.0992
rs28823963	T	0.2095
rs139423949	A	-0.151
rs57808111	T	-0.0441
rs76844890	T	0.1576
rs75511415	C	0.1552
rs4793645	A	-0.0602
rs78035938	T	0.2624
rs980248	G	0.3662
rs56013850	G	-0.1613
rs11077353	G	-0.0391
rs140760578	A	0.1264
rs12945614	A	-0.1056
rs11658301	T	-0.0458
rs11651483	A	-0.0631
rs11867306	C	0.0525
rs35233508	A	-0.174
rs72634303	T	-0.1082
rs118103788	C	0.1218
rs73984056	A	0.1323
rs4131402	A	0.0667
rs2644700	T	-0.0613
rs2165706	T	-0.0455
rs76200965	T	0.1171
rs8074012	C	0.1303
rs150143112	A	0.2254
rs8064368	C	0.0361
rs144723231	T	-0.2022
rs150781713	A	0.1232
rs4791792	A	-0.0381
rs55660228	A	-0.0365
rs111638927	A	0.2202
rs112408504	A	-0.1047
rs76606195	C	-0.0832

rs6416841	G	0.0599
rs4569342	T	0.1277
rs28802291	G	-0.1169
rs218722	T	-0.0489
rs9901675	A	-0.0828
rs9890475	C	0.0399
rs8064626	A	-0.0449
rs9904001	G	0.0471
rs112254449	G	0.2591
rs7213034	T	-0.0775
rs146195631	A	-0.2199
rs4790980	C	-0.0582
rs9890060	C	0.0418
rs79814358	A	-0.0577
rs3103303	C	-0.037
rs35477639	C	-0.0833
rs11653874	T	-0.0937
rs7218656	A	-0.0646
rs72848237	T	-0.158
rs73988748	C	-0.1171
rs60315948	G	0.0989
rs8066902	G	0.0862
rs112812801	T	-0.1487
rs72637309	C	0.0542
rs78211928	C	0.1445
rs17646290	T	-0.0871
rs77752353	G	-0.1794
rs77735926	G	-0.0725
rs227730	C	-0.0398
rs56046658	T	0.0643
rs62062196	C	-0.0956
rs112088212	C	0.1894
rs3785569	T	0.0452
rs12942232	G	-0.1226
rs112222521	G	-0.0743
rs854667	T	-0.0371
rs73982623	C	-0.2571
rs111412358	T	0.2262
rs4790881	C	0.0385
rs73973823	T	0.0761
rs2034945	A	-0.0474
rs435699	C	-0.0438
rs75552063	T	-0.0759
rs61689046	A	0.21
rs8066248	G	-0.0542
rs79057723	T	0.2268
rs112180005	A	-0.2877

rs11658503	C	-0.0977
rs4404112	G	-0.0466
rs4791613	C	-0.05
rs111860392	A	0.1289
rs118124362	T	0.1865
rs9894131	A	0.0588
rs75202278	T	-0.0775
rs73365920	A	-0.1157
rs2257540	C	-0.0404
rs225218	A	0.0415
rs78355686	T	-0.1046
rs149058972	T	0.2308
rs3102033	C	-0.0909
rs2871766	T	0.1266
rs11650787	T	0.0522
rs58897082	C	-0.0668
rs9902475	A	-0.0376
rs1477065	G	-0.0381
rs140827633	T	-0.2223
rs146885263	G	-0.1497
rs11652329	A	-0.1406
rs6505262	C	-0.0448
rs75715316	T	0.0944
rs144753909	T	0.2656
rs34692262	A	0.1553
rs8075740	A	0.0348
rs9891362	G	0.0607
rs991108	G	-0.0619
rs7219969	C	0.0375
rs112744959	G	0.0555
rs79851078	A	0.1208
rs486287	T	-0.0352
rs62069514	C	-0.0423
rs8082184	G	0.0457
rs12952990	T	-0.0391
rs4611488	T	-0.0434
rs60110245	T	-0.0845
rs9891060	C	0.0548
rs2159331	C	0.0349
rs75442133	C	-0.1791
rs4054823	C	-0.0384
rs62066451	G	-0.1436
rs117299868	C	0.2729
rs12936897	A	0.0368
rs7225779	T	0.0487
rs76071867	T	0.1316
rs9905522	A	0.0593

rs140083252	G	0.2183
rs144412689	C	-0.1572
rs117496094	A	0.2209
rs79372300	G	0.0532
rs112070202	G	0.1301
rs118058613	A	0.1188
rs75005306	A	-0.139
rs12951439	G	-0.0677
rs17585033	C	-0.1172
rs11657236	T	-0.0469
rs9915181	T	-0.0707
rs2215049	T	0.1491
rs79266399	G	-0.2329
rs144152732	A	0.3196
rs139840027	T	0.1955
rs2642059	T	0.0456
rs62084586	C	-0.0475
rs8075211	A	-0.0476
rs4243256	C	-0.1148
rs8072360	T	-0.0369
rs8078054	G	0.0347
rs12451120	C	0.0897
rs111569409	A	-0.0975
rs17760475	C	0.0402
rs11658253	T	0.2073
rs112259557	A	0.2167
rs12944752	T	-0.0503
rs4024016	C	0.0447
rs72822066	A	-0.1418
rs1242472	A	0.2916
rs7209588	G	0.038
rs140503127	C	-0.1641
rs71383094	A	0.0612
rs421809	C	0.0386
rs17663816	T	-0.1302
rs75268102	A	0.1831
rs112331156	G	0.0496
rs74644618	T	0.2532
rs8069587	C	-0.0432
rs77732314	T	-0.1175
rs79910491	C	0.1438
rs75639624	C	0.1236
rs2009679	G	-0.0349
rs78758528	T	0.1873
rs117780636	C	0.1201
rs35256812	G	0.0387
rs12450498	G	0.0799

rs112108842	C	0.084
rs117453874	T	0.1528
rs117998118	A	0.3364
rs76685442	G	0.1166
rs138317007	T	0.0557
rs112695278	A	-0.1551
rs62076165	A	0.2361
rs58798467	C	0.0406
rs78278295	T	0.1277
rs75852367	A	0.1797
rs12942172	A	0.0553
rs12943620	T	-0.0451
rs1795957	A	-0.0404
rs9913345	A	0.1173
rs4789950	A	0.0373
rs12451779	A	0.093
rs79614251	A	-0.1265
rs2585830	T	-0.0468
rs147997011	G	-0.2661
rs62055182	C	-0.0494
rs141893998	T	-0.1552
rs9972911	T	-0.0358
rs11652453	A	-0.0365
rs7222177	T	0.2351
rs55801908	T	-0.0473
rs12603406	C	-0.0402
rs8077853	C	0.0463
rs11656006	C	0.0607
rs74319518	T	0.0738
rs4968810	C	0.0337
rs967676	C	-0.035
rs145509717	T	0.2362
rs57619518	G	-0.1655
rs236807	G	-0.0839
rs12945909	C	-0.0395
rs7214193	G	0.0419
rs11868065	C	-0.0353
rs118136964	C	-0.2132
rs111230142	A	0.1711
rs4968481	T	0.0511
rs9901834	A	0.1102
rs74441611	G	-0.1183
rs116955162	C	0.1829
rs11655373	A	0.0567
rs11655988	C	0.0395
rs60758680	G	0.1595
rs57834781	T	0.0493

rs2659014	A	0.0354
rs76919246	G	0.1249
rs2286532	C	-0.0359
rs151036546	C	-0.1656
rs75024378	T	0.1647
rs11078712	A	0.0562
rs11867865	A	0.2509
rs3027200	C	0.2784
rs79439235	G	0.1065
rs147292354	A	0.153
rs16942526	C	-0.0767
rs2280493	G	0.0474
rs2585845	G	-0.0479
rs55842605	C	0.0346
rs9901910	G	0.0663
rs8074113	A	0.0379
rs112253292	A	0.1173
rs117211584	G	0.1397
rs141394922	C	-0.1541
rs12941976	G	0.0573
rs6607290	G	0.0413
rs7224874	T	-0.0377
rs3785977	A	-0.0381
rs34933374	C	-0.2104
rs11150892	T	0.1182
rs75921220	T	0.0986
rs142255415	C	0.1111
rs62059671	A	0.1499
rs4789956	C	0.0559
rs62053093	C	0.0382
rs16958233	A	0.1498
rs74755026	A	0.0892
rs117334067	A	-0.0729
rs301344	T	-0.0961
rs11656302	A	0.0553
rs1177981	C	-0.0349
rs2015031	A	0.0409
rs55758932	C	0.0974
rs111940569	G	0.2093
rs16953011	A	0.1423
rs8079889	G	-0.204
rs1996710	G	0.0556
rs9908517	A	0.05
rs11869103	T	-0.0486
rs118182942	T	0.2117
rs4985768	T	-0.0842
rs73995127	G	-0.203

rs41556717	T	-0.2383
rs60955824	A	0.0834
rs34075872	A	-0.0751
rs34293835	T	0.1915
rs8079039	G	-0.0399
rs11649824	G	-0.3241
rs2332311	C	-0.036
rs4024017	A	-0.0538
rs9902527	A	-0.2131
rs143250328	A	0.1108
rs144931466	T	-0.1052
rs74672725	T	0.0605
rs7219780	T	-0.0415
rs56093915	G	0.0725
rs79481082	C	0.1735
rs56174997	T	-0.1111
rs11649901	G	-0.0364
rs79672383	T	-0.1018
rs72880512	A	0.0635
rs9899082	C	-0.1425
rs28711376	T	0.0876
rs118095810	G	-0.0908
rs2700831	T	0.0351
rs12940425	T	0.0441
rs9911671	G	0.0351
rs1344547	A	0.0708
rs148500229	G	0.0501
rs140239793	C	0.1641
rs7220103	G	-0.093
rs77842597	A	-0.0806
rs73993407	A	0.1438
rs56356609	G	-0.157
rs141504402	G	-0.1921
rs62064008	A	0.0885
rs851059	T	0.0346
rs11868854	G	0.0488
rs35984077	T	-0.0673
rs12449698	A	0.0486
rs3826414	A	0.05
rs77322846	G	0.2146
rs139338418	A	-0.2286
rs7214770	T	0.0866
rs9904970	A	0.0399
rs3744252	T	-0.0601
rs7218252	C	0.1065
rs1024609	A	0.0563
rs2916153	A	0.0397

rs117306448	G	0.17
rs55699368	G	0.0447
rs62053097	A	0.1128
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rs72840094	A	-0.0404
rs9893168	C	0.0352
rs55687030	G	0.1149
rs7214655	A	0.0434
rs4968780	C	0.1229
rs79261414	C	0.1155
rs12453468	T	0.0346
rs854462	G	0.0484
rs4793656	A	-0.0683
rs350009	T	0.0338
rs141452526	A	0.1343
rs75920405	C	-0.2145
rs9747888	T	0.048
rs117991963	C	0.1533
rs146431408	G	0.2244
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rs1076393	A	0.0806
rs2239921	C	0.0743
rs2889386	A	0.0588
rs28464494	G	0.0547
rs71359153	A	0.0704
rs111474967	G	-0.2261
rs140530853	G	-0.1187
rs138370835	A	-0.25
rs12600608	G	0.0884
rs74895717	T	-0.158
rs9903763	T	0.0453
rs17746094	T	0.079
rs12948827	T	0.0383
rs72822111	A	-0.0664
rs6503376	T	0.0618
rs117107208	T	-0.2125
rs72896149	G	0.0803
rs9892540	C	-0.0339
rs2344973	A	0.0453
rs201601	T	0.0504
rs3026155	A	-0.0909
rs72828524	T	0.1766
rs9903469	T	-0.052
rs8077247	T	-0.0627
rs4796765	A	-0.0813
rs12943647	A	-0.0491
rs72848715	T	0.1101

rs36051821	A	-0.1042
rs12450436	A	0.0486
rs7503229	A	-0.038
rs6505468	C	0.1722
rs7217663	T	-0.0637
rs9900928	A	0.086
rs55789569	A	0.0513
rs61749867	T	0.0912
rs511806	T	0.0488
rs72815336	A	-0.1149
rs137880864	A	0.1152
rs112219332	C	-0.0349
rs2193002	A	0.0474
rs9905034	G	0.0327
rs2439998	T	0.1221
rs58654829	G	-0.0443
rs149981851	C	-0.1376
rs2323241	A	-0.0693
rs117348742	C	-0.1854
rs139667480	T	0.1161
rs2158519	A	0.0334
rs635874	A	0.0675
rs72828434	T	-0.108
rs12944858	A	-0.0386
rs2526534	T	-0.037
rs66490177	C	0.0428
rs35998513	C	-0.2798
rs61349812	C	-0.1404
rs7210601	T	0.0877
rs16956336	A	-0.1092
rs78767809	T	0.0947
rs12942097	A	0.0433
rs9674917	T	0.0523
rs11649741	C	0.037
rs12453520	C	0.0475
rs13306775	A	-0.05
rs117534564	C	-0.2593
rs117477933	A	-0.1253
rs8067186	G	0.038
rs740441	A	-0.0409
rs35112109	T	0.1836
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rs9906381	G	-0.0851
rs11655598	G	0.0423
rs62069158	A	-0.0684
rs12940890	A	0.0985

rs7222897	G	0.0513
rs34742396	T	0.0994
rs75174305	G	-0.2336
rs11077901	T	0.0375
rs112408054	A	0.0717
rs146750352	C	0.2506
rs73292969	C	0.1494
rs2586085	C	-0.0457
rs4969248	C	-0.0413
rs16968252	A	0.1374
rs2158293	A	-0.1192
rs117135209	A	-0.1155
rs74445229	C	0.2943
rs4889777	C	-0.0364
rs34867724	T	-0.0644
rs7225682	C	-0.0341
rs12185272	T	0.0496
rs236514	G	0.0351
rs9896319	T	0.0338
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rs2102408	A	0.0584
rs7217437	C	0.0346
rs12451871	G	0.0392
rs799923	A	-0.0385
rs12450758	A	-0.0325
rs117899905	A	-0.13
rs55989631	A	-0.0437
rs1078544	A	0.0677
rs58606391	A	-0.1446
rs113492700	A	0.0643
rs11651313	C	-0.0599
rs117631149	C	-0.1706
rs62069116	G	-0.2159
rs12452207	A	0.0356
rs2526532	T	0.0611
rs76274035	T	-0.1392
rs113600793	A	-0.1634
rs2001810	T	0.0399
rs61229126	A	-0.0478
rs3785902	C	-0.0516
rs61599616	T	0.2483
rs220470	A	0.037
rs4792454	C	-0.0558
rs17508667	C	-0.1293
rs57571978	T	-0.0868
rs9902971	A	-0.0372
rs57160458	G	0.0488

rs74824939	G	0.1469
rs2286303	G	-0.0349
rs140403721	T	-0.2302
rs2958914	A	-0.0368
rs10491135	T	0.0585
rs76534481	G	0.1079
rs2960089	C	-0.0443
rs7220081	C	0.1741
rs80323574	G	0.1653
rs2071167	T	0.0377
rs12937472	A	0.0701
rs75443266	A	0.1878
rs149738586	A	-0.1804
rs34969726	C	0.039
rs11658413	T	0.0569
rs62066365	T	0.0893
rs77789697	G	0.1556
rs16956534	A	-0.0686
rs113644109	T	-0.0358
rs62072722	G	-0.1358
rs1873589	A	-0.0364
rs11655255	C	-0.0529
rs28421292	T	-0.0927
rs8075046	C	-0.0386
rs116903076	T	0.1593
rs144714755	G	0.0702
rs62066152	C	0.0531
rs148282124	G	0.1074
rs9902386	T	0.0361
rs9900173	A	-0.0336
rs34069225	A	-0.17
rs12603671	G	-0.0942
rs12944887	T	0.1423
rs77132591	G	0.349
rs9909404	C	0.0595
rs3794756	T	0.1837
rs7218226	T	0.032
rs75930470	G	-0.1383
rs62071725	G	-0.2169
rs4447485	T	-0.0468
rs56193061	C	-0.0347
rs149869131	A	0.1627
rs12946881	C	0.035
rs117415797	A	0.1409
rs66499319	C	0.1146
rs113197157	T	0.1235
rs117547935	T	0.3065

rs12946755	T	0.0409
rs74937284	A	0.0784
rs117684733	A	0.2244
rs8080186	G	0.0343
rs12941150	A	0.0459
rs149799622	A	0.1076
rs113052957	C	-0.2034
rs10871503	A	0.0351
rs12940357	A	-0.0327
rs72911057	T	0.0879
rs9914723	A	-0.0497
rs72820163	C	-0.0574
rs117089602	T	0.1655
rs2103273	T	-0.0445
rs79554797	A	0.1798
rs116990501	T	0.0873
rs79182583	T	0.0966
rs74481425	A	-0.114
rs74987042	C	-0.1885
rs7502233	G	0.036
rs16944657	A	0.083
rs117633773	A	0.1157
rs11654222	C	-0.0621
rs146341624	T	-0.2195
rs3884646	T	0.0494
rs72842725	C	-0.1314
rs3887005	A	-0.1233
rs867156	T	0.1051
rs59638977	C	0.1206
rs2996025	T	0.0479
rs117859452	T	-0.1746
rs1037257	T	0.0345
rs6565532	C	0.0417
rs1806551	C	-0.036
rs56653742	C	-0.1094
rs62071691	A	-0.0624
rs12453149	C	-0.0399
rs9899680	G	-0.0418
rs62074506	G	-0.1273
rs59170636	T	-0.0523
rs36043979	A	0.0822
rs11870386	T	-0.0829
rs7224443	G	0.0534
rs2586076	T	0.0396
rs112839269	A	0.1861
rs62056331	C	-0.0764
rs59025485	T	-0.1334

rs11654701	C	0.1815
rs74316239	C	-0.1668
rs792762	G	0.0364
rs7224969	T	-0.0773
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rs74620303	T	0.0528
rs35337153	A	-0.1789
rs35190120	C	0.0722
rs62090081	T	0.0692
rs4794125	T	0.1853
rs7210053	C	-0.036
rs936018	C	0.1325
rs112057771	A	-0.2591
rs1126642	T	-0.0773
rs78857101	C	0.1729
rs161364	T	0.035
rs78403836	G	-0.0751
rs9913232	C	0.0979
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rs10451315	A	0.1125
rs118099743	T	0.155
rs72842395	A	-0.0847
rs12601545	T	0.0556
rs79980471	A	0.1026
rs1242492	T	-0.0331
rs75219857	C	0.0389
rs2447094	A	0.0317
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rs76305463	C	-0.1831
rs2661679	G	0.0766
rs72842328	C	-0.0881
rs4985603	G	0.0642
rs9893328	G	0.0491
rs11870350	A	0.0712
rs12936768	A	0.0589
rs8068277	T	0.0381
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rs2135845	A	0.0342
rs985626	T	-0.0612
rs11655323	G	0.2034
rs138070145	C	0.2358
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rs78874864	T	-0.0569
rs7209752	A	-0.0782
rs147183429	T	0.1437
rs1982272	G	-0.0327
rs10459965	T	0.0601

rs114101526	T	-0.0745
rs211981	C	0.0503
rs4789601	T	0.0803
rs150704510	G	-0.2257
rs117969637	G	0.1848
rs73980711	A	0.1468
rs887259	T	-0.0614
rs11655069	C	0.0498
rs3094515	T	0.037
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rs11652338	C	-0.0341
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rs2715808	A	-0.1727
rs7217268	A	-0.035
rs75020760	G	0.1262
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rs2058843	A	0.0324
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rs17338990	C	-0.075
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rs11653705	T	0.0317
rs4790255	C	-0.0392
rs138044713	T	-0.1586
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rs75131029	G	-0.1995
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rs16943288	A	-0.0456
rs12603949	G	-0.0313
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rs2218362	G	0.0433
rs13380814	T	-0.0768
rs41315064	A	-0.2186
rs71358293	A	0.1142
rs4793260	A	-0.0544
rs78857404	C	-0.0911
rs78414096	A	0.1139
rs12946673	A	0.067
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rs34018373	T	0.0547
rs9911986	G	-0.0611
rs2952275	A	0.033
rs17184594	A	-0.0582
rs146770855	G	0.1329
rs11079991	G	0.0689
rs111596287	T	-0.1024
rs3027238	T	-0.0863
rs12449858	A	-0.1017
rs12602313	T	-0.0851
rs17683107	A	-0.0448
rs226423	A	0.0646
rs171038	C	-0.0344
rs62086789	A	0.0744
rs76299801	T	0.1047
rs4365	A	-0.2142
rs62066594	A	-0.0452
rs61757652	T	0.0662
rs145163606	A	0.2205
rs72847177	T	0.1126
rs11655781	C	0.0401
rs111539503	G	0.0461
rs75096475	T	-0.226
rs12602505	G	-0.1668
rs55775915	T	-0.1898
rs143697270	T	0.139
rs4890109	T	0.0924
rs142362168	T	-0.1197
rs117541203	A	0.1766
rs9909477	A	-0.0635
rs11869066	T	0.0623
rs73985887	T	-0.172
rs77247345	C	-0.1265
rs12937958	A	-0.0404
rs5011489	T	0.1437
rs72813079	A	0.1773
rs60810599	G	0.0546
rs3867173	G	0.0385
rs113122595	T	-0.0586
rs118065335	T	0.0898
rs76498976	G	-0.0781
rs4791770	T	0.1006
rs4790811	C	-0.0458

rs623323	T	-0.0479
rs2289640	T	0.032
rs117202870	T	0.164
rs12944954	G	0.1018
rs16950966	T	0.0801
rs61567868	G	0.0731
rs7222249	A	-0.0323
rs73977930	A	0.092
rs72844550	G	-0.1233
rs149570333	A	0.2044
rs75479859	A	-0.2191
rs333937	C	0.0499
rs75049490	A	-0.1552
rs12949129	G	-0.0451
rs7222657	C	0.0344
rs2586088	C	-0.0369
rs2912553	T	-0.0432
rs55924840	C	-0.0933
rs224514	A	0.0863
rs56237951	A	-0.0807
rs62087072	C	0.0391
rs6504508	T	0.0411
rs72838197	A	-0.1351
rs7220278	G	-0.031
rs7218662	A	-0.1094
rs140211501	C	0.1651
rs79315956	C	-0.2608
rs4790348	A	-0.1082
rs111817563	T	-0.0973
rs9897185	A	-0.0351
rs3785819	C	0.0354
rs62069853	A	0.2281
rs11868671	T	0.163
rs79737704	A	-0.0905
rs6502555	C	0.0373
rs72628382	A	-0.0476
rs6503102	G	-0.1004
rs34686969	G	0.0301
rs72828777	T	0.1031
rs11869872	C	-0.032
rs7211507	C	0.0324
rs12600582	C	0.0353
rs79229088	G	-0.2603
rs11867803	C	-0.0317
rs11078971	A	-0.1001
rs76529191	A	-0.1858
rs12600758	C	0.0411

rs9907100	G	-0.0918
rs7359698	T	0.0972
rs2642048	C	-0.1297
rs9891121	C	0.0337
rs73319048	G	0.2591
rs658591	G	-0.044
rs76552057	T	-0.1177
rs140292889	T	-0.1504
rs12935880	A	0.1571
rs144979972	T	-0.1132
rs62068661	A	0.0575
rs117431947	C	0.1662
rs35634464	A	-0.0567
rs28698582	A	0.0405
rs1357108	G	0.0395
rs71381488	C	-0.1061
rs147507380	G	-0.1368
rs7212120	C	-0.0336
rs2854205	T	-0.0341
rs4794556	C	-0.041
rs139869772	C	-0.1238
rs2140252	G	-0.0388
rs77396849	G	0.1008
rs17709690	G	0.0369
rs117871954	C	-0.1487
rs1531565	G	0.0342
rs78703872	T	0.0931
rs62081793	G	-0.1277
rs16971539	G	0.0357
rs35906474	A	0.0596
rs17782835	T	-0.0558
rs41274294	C	0.153
rs963955	G	-0.0308
rs78108792	G	-0.1517
rs312697	T	-0.0362
rs72831437	A	0.0958
rs1541352	C	-0.0585
rs8082504	C	-0.0378
rs117839099	A	-0.1176
rs28575272	A	-0.1001
rs4793154	T	0.0357
rs111252163	A	-0.0989
rs79939670	T	-0.1528
rs113991812	G	-0.1559
rs11651897	G	0.216
rs4791022	T	0.0349
rs1510075	G	0.04

rs111475501	G	0.0508
rs9890892	C	0.04
rs9912887	A	-0.0308
rs8072392	G	0.0495
rs57081347	G	-0.0358
rs1519255	G	-0.0459
rs11870423	A	-0.1158
rs72837670	G	-0.0661
rs4793262	A	0.0469
rs55829039	T	-0.1425
rs1032130	T	0.0482
rs111341925	T	0.1179
rs12600940	A	-0.0334
rs2306752	C	-0.0626
rs9899879	G	0.059
rs2191377	T	-0.0343
rs16967866	G	-0.07
rs12950579	A	-0.0612
rs9901743	T	-0.0441
rs72834231	G	-0.0574
rs78377103	C	0.2781
rs117050847	T	-0.1187
rs77177480	C	-0.0319
rs9896300	C	0.0907
rs12451385	A	0.0928
rs7220316	T	0.0369
rs9903099	C	0.0308
rs77593888	T	-0.1452
rs1696756	C	0.0411
rs140495649	C	0.1524
rs5029583	T	-0.2256
rs74425838	T	-0.115
rs72625913	T	0.1851
rs7216635	A	0.0312
rs55827554	T	0.0381
rs62636635	T	-0.0661
rs8075579	G	-0.0461
rs12450580	C	0.1469
rs9912036	C	0.0772
rs72853549	T	-0.0342
rs6505243	A	0.0351
rs12602536	C	-0.0396
rs3785843	A	0.0774
rs11079849	T	-0.0324
rs113887955	T	-0.0386
rs982899	C	-0.033
rs1873880	A	-0.0439

rs72845778	T	0.0512
rs28415667	C	-0.2122
rs60756397	G	-0.0606
rs117071709	A	0.1491
rs72844030	A	-0.1125
rs17590660	G	0.1888
rs116937448	C	0.1828
rs1992666	T	-0.1338
rs17594273	G	-0.0908
rs1010269	A	0.0424
rs35511573	A	-0.1538
rs12946933	T	-0.1366
rs4794017	A	-0.0508
rs72883121	A	0.0444
rs9896857	G	0.0388
rs8072799	T	0.032
rs2191195	T	0.035
rs11655930	C	0.0602
rs1224542	T	0.1795
rs12449957	G	0.0326
rs77585155	A	-0.0862
rs2612799	G	0.032
rs3744536	T	-0.098
rs11654032	C	-0.0404
rs75573122	A	-0.1869
rs117293206	A	-0.1203
rs7405799	T	0.0316
rs16959128	G	0.0507
rs9898137	A	0.0589
rs7209242	C	0.0466
rs77721094	A	0.0977
rs138897124	A	-0.2047
rs11651756	T	0.0343
rs8069260	A	-0.0786
rs199141	G	0.0634
rs6503760	A	-0.0347
rs185561	A	0.0572
rs75677726	C	0.0655
rs143627858	T	-0.1531
rs9912196	T	-0.1388
rs11078875	G	-0.0628
rs117376633	T	-0.2843
rs12453984	C	-0.0363
rs72827668	G	0.2091
rs17181050	A	-0.0951
rs55887627	A	0.2014
rs1124886	C	0.104

rs9972930	G	0.0323
rs1263971	A	-0.0297
rs77034523	T	-0.1985
rs734194	G	-0.0514
rs8082457	G	0.1131
rs112164880	T	0.1846
rs2672893	A	0.0395
rs76423127	G	0.1325
rs1014697	T	0.0607
rs7209589	A	0.0492
rs7224680	T	0.1036
rs9891084	T	-0.0319
rs56342880	C	0.1949
rs62622790	C	0.0923
rs80337333	T	0.167
rs147430022	A	-0.1271
rs140117950	A	0.2436
rs151311184	A	0.2333
rs7214091	C	0.0372
rs7222542	T	-0.0604
rs11204417	C	-0.163
rs117843447	C	-0.1429
rs76971077	A	-0.1368
rs79180700	T	-0.1271
rs7208188	T	-0.0611
rs62087202	A	0.0829
rs6504729	T	0.0702
rs74750766	A	0.0678
rs6565702	G	-0.0567
rs117846228	G	-0.2409
rs150041383	T	-0.246
rs41303558	T	0.1263
rs76892496	T	-0.1942
rs227911	A	0.0346
rs1013123	T	-0.0389
rs145164322	G	0.1001
rs7211460	C	0.0495
rs2586531	A	-0.0626
rs144382041	A	-0.1791
rs7406114	A	-0.0312
rs79082774	C	-0.0457
rs62052134	A	-0.0504
rs11870228	A	0.0637
rs141559802	A	0.0595
rs150853	A	0.0314
rs55693130	T	-0.167
rs12451335	A	0.0314

rs7209738	T	0.0344
rs79940956	A	0.192
rs11078096	T	-0.045
rs9892366	G	-0.0831
rs2716900	A	-0.032
rs220036	G	-0.0586
rs1870987	C	0.0308
rs9896317	T	-0.0349
rs9913436	C	-0.0352
rs12936051	G	0.0999
rs4074505	T	-0.0354
rs11656206	A	0.0296
rs117123705	A	-0.1814
rs12952104	A	-0.0679
rs139330504	T	-0.0906
rs118180507	A	0.105
rs72834878	T	-0.063
rs112514019	A	0.0771
rs2232839	T	-0.0395
rs78129009	T	0.0918
rs12949992	T	0.0673
rs76836581	T	-0.1227
rs66863998	C	0.0466
rs62060503	C	-0.0699
rs77875559	C	-0.1516
rs145588693	A	0.0683
rs75090760	G	-0.1191
rs10512608	C	-0.0768
rs573556	A	0.0408
rs2332185	C	0.0605
rs2108605	C	0.0758
rs225186	C	0.0331
rs9903342	G	-0.0576
rs76906435	C	0.0557
rs12946416	C	-0.0286
rs17431753	A	-0.0625
rs2367119	C	0.0357
rs75362614	T	0.1136
rs9891361	G	-0.0579
rs78849743	T	0.1324
rs35694818	A	-0.0438
rs11871243	G	0.1461
rs933374	C	0.034
rs4794124	T	-0.0598
rs9903639	T	-0.0394
rs9913144	G	0.0301
rs2078308	T	-0.1799

rs72819651	T	0.0792
rs7207921	G	-0.134
rs34800030	T	-0.0373
rs117029704	T	-0.1508
rs76676363	T	-0.067
rs8072698	C	-0.0293
rs72844518	G	-0.0732
rs2073284	A	-0.0608
rs744281	A	-0.0288
rs117461778	A	-0.1555
rs66797950	T	-0.0669
rs112784281	T	-0.1232
rs113330012	T	-0.0862
rs12603956	T	0.0387
rs11078269	T	-0.0459
rs2159132	G	-0.0298
rs12450512	T	0.0332
rs143132376	A	-0.054
rs7220817	T	0.0303
rs12453132	G	-0.0619
rs7210733	G	-0.032
rs3813024	A	0.0417
rs16966398	C	-0.0985
rs144661702	A	0.1524
rs721597	C	0.0304
rs12602545	A	-0.0431
rs12450869	T	0.0408
rs3094508	C	-0.0304
rs72856064	G	0.0652
rs1579523	T	0.0391
rs1541392	G	0.0443
rs117906392	T	0.1574
rs2309444	C	0.0452
rs1120385	C	0.0397
rs77379367	C	0.0466
rs4792144	A	0.0297
rs7208297	C	-0.0543
rs882703	A	-0.059
rs2321707	C	-0.0506
rs111981689	T	0.0757
rs146756176	T	0.1916
rs79809399	C	-0.0703
rs78648359	T	-0.1653
rs146226963	A	0.1472
rs2721868	T	-0.0347
rs76307479	A	-0.0752
rs80094379	A	-0.1658

rs79221226	A	0.2378
rs9914955	A	-0.0333
rs73974665	C	0.2026
rs9903518	G	-0.0367
rs2585842	C	-0.034
rs8064794	G	-0.1426
rs75168694	A	-0.1735
rs117298709	A	0.1043
rs2139893	G	-0.0427
rs2228128	C	0.0375
rs2981617	G	-0.0405
rs898526	C	-0.0356
rs111811667	C	-0.1592
rs111616169	T	-0.0424
rs6505358	T	0.0291
rs78630052	T	0.0949
rs9897300	A	0.0373
rs12947012	T	0.0454
rs4795080	A	-0.0326
rs71359697	T	0.0408
rs112914438	A	0.3075
rs62065079	T	-0.1059
rs365853	T	0.0307
rs12951564	G	-0.0352
rs79711323	T	-0.0966
rs9890133	G	0.0437
rs149121265	T	0.2014
rs75359963	T	0.107
rs78405808	T	-0.0522
rs7218718	G	0.0364
rs4072746	T	0.0476
rs77200870	G	-0.1243
rs150008408	G	0.1772
rs1868916	A	-0.0475
rs79093081	A	0.0734
rs112050990	T	0.1987
rs77761939	C	-0.1441
rs12943447	T	0.1221
rs6504456	C	-0.0351
rs11657040	C	-0.0516
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rs12939268	C	0.131
rs8069792	A	0.0346
rs16952540	C	-0.0392
rs62079111	T	-0.1591
rs7212516	T	0.1658
rs28905	A	0.0619

rs61466394	T	0.1547
rs2270716	C	-0.1048
rs34261247	G	-0.0358
rs8076162	C	0.0504
rs311766	T	-0.097
rs62069663	A	-0.1306
rs7222327	T	0.0794
rs62070102	T	0.1119
rs4796290	T	0.0395
rs55838060	G	0.0355
rs6501688	A	-0.0451
rs35580425	C	0.2192
rs9896072	A	0.1686
rs7217130	G	0.0813
rs28704757	T	0.036
rs10445281	T	0.0808
rs80027550	A	0.1668
rs11650185	G	-0.0381
rs208018	G	-0.1006
rs139413519	C	-0.1669
rs11870428	A	0.0368
rs1548356	T	-0.0332
rs7217323	T	-0.1148
rs62077761	T	0.0911
rs2870774	T	0.0334
rs137964275	C	0.2053
rs148955037	T	0.1546
rs1567838	C	0.0327
rs147589115	T	-0.1909
rs12453516	A	0.1088
rs7502087	C	-0.0489
rs2158972	T	0.0383
rs75682304	C	0.1472
rs12951717	G	-0.0501
rs8080548	T	0.0683
rs74843076	A	-0.2426
rs149157044	T	-0.1896
rs75707186	A	-0.1411
rs62079773	G	0.0472
rs2024072	C	0.0429
rs117638255	A	-0.0702
rs117648159	C	0.1446
rs1490917	T	0.0486
rs968580	T	-0.033
rs1401539	T	0.0507
rs72835492	A	-0.1402
rs35641439	A	-0.075

rs3785975	T	-0.0502
rs8075076	C	-0.1395
rs8077460	A	-0.0349
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rs9900289	C	-0.0415
rs211632	A	-0.0434
rs9303131	C	-0.036
rs143070091	T	-0.18
rs78162789	C	-0.0408
rs145713658	A	0.1339
rs75737125	A	-0.1874
rs140412338	T	0.1751
rs79731228	G	0.0477
rs72813173	T	-0.2354
rs9906472	A	-0.0327
rs11263802	G	-0.0323
rs146112269	G	0.1556
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rs72819109	A	-0.0361
rs9890937	G	-0.0294
rs74721961	T	0.059
rs12103888	T	0.1219
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rs117726752	A	-0.0748
rs9890736	T	0.032
rs7211433	C	0.0325
rs75535728	T	0.0852
rs4603617	C	-0.0297
rs117378910	T	-0.1881
rs17711944	T	-0.0323
rs77344641	A	-0.2295
rs11657404	C	0.0676
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rs60611645	C	0.0913
rs56036644	T	0.0573
rs72821891	T	-0.1247
rs35610199	T	0.1264
rs59919146	T	0.0465
rs139303000	A	-0.1416
rs62053851	T	0.1012
rs17178718	C	-0.0445
rs74361457	A	0.145
rs17609738	A	-0.028
rs319771	A	-0.0326
rs34094467	T	0.1306

rs9905450	C	0.0759
rs2706708	C	-0.0436
rs4789398	T	-0.0304
rs11869555	C	-0.105
rs12938100	G	0.0629
rs62075206	T	-0.1188
rs9907422	A	-0.029
rs34252006	C	-0.0513
rs2302837	A	-0.0565
rs117337485	T	0.2257
rs7212256	A	-0.0432
rs9789059	C	-0.0483
rs117220837	T	-0.1361
rs7225996	C	0.0874
rs3826539	C	-0.0318
rs8070973	C	-0.0332
rs11650506	G	-0.0446
rs11655966	T	-0.0361
rs112409849	G	0.1055
rs11263765	G	0.0347
rs4788998	C	-0.0386
rs9895376	C	0.0857
rs62064766	G	-0.043
rs11568125	A	0.1838
rs17562516	A	-0.0341
rs12950362	G	-0.1401
rs11656311	G	-0.0343
rs12150212	G	-0.0462
rs62065291	T	0.0461
rs16977108	C	0.1619
rs1443464	C	0.0431
rs1263956	C	0.0506
rs17728437	A	0.048
rs6504246	G	-0.0425
rs62065108	G	0.1021
rs4795018	T	0.0895
rs73268600	T	-0.0451
rs11870010	T	-0.0349
rs12602965	C	-0.057
rs77154762	A	0.0588
rs144750090	C	-0.1905
rs3136027	T	0.1109
rs80263380	A	-0.1765
rs17686640	T	-0.0547
rs117991338	C	0.1767
rs78153232	C	0.0644
rs9898958	G	0.039

rs72819095	T	0.0356
rs7213918	A	-0.0341
rs140127928	A	-0.1459
rs35024060	C	0.0485
rs17665206	C	0.1482
rs80107648	C	-0.1204
rs12946750	G	-0.029
rs11657444	A	-0.0326
rs72878690	G	-0.0392
rs75758038	G	0.0431
rs9914484	C	-0.0308
rs9896250	T	-0.0297
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rs2168858	G	0.0761
rs74252429	T	0.24
rs12452166	T	-0.0698
rs118016048	A	0.122
rs1561976	T	-0.1623
rs12945936	C	0.0337
rs184918	C	-0.036
rs112000892	G	-0.0605
rs9902267	G	-0.0422
rs978416	A	-0.0301
rs11651840	G	-0.0437
rs11652803	A	-0.0463
rs7502906	C	0.0565
rs62077369	C	0.0741
rs78103697	C	-0.1465
rs72828953	A	-0.151
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rs75243150	T	0.18
rs77618918	T	0.103
rs113860114	A	0.1498
rs218691	C	-0.0401
rs80284452	C	0.1278
rs112482396	T	0.0761
rs45594438	T	-0.0832
rs1036854	A	-0.0641
rs79076201	G	-0.0634
rs4890196	C	0.0344
rs3926150	C	0.0813
rs11871034	C	0.0299
rs78234391	T	0.0632

rs714422	A	-0.0445
rs443141	T	0.0354
rs62085151	G	0.0337
rs1849359	C	-0.0283
rs2098086	T	0.0371
rs55808034	G	-0.1782
rs7225317	A	-0.1274
rs17811017	T	-0.1027
rs61753098	C	0.2106
rs237292	G	-0.0471
rs55944442	T	0.1508
rs2598443	A	-0.0355
rs56246951	A	-0.0659
rs2740753	T	-0.0869
rs7223713	T	-0.1074
rs7221631	T	-0.0392
rs12449835	C	0.0369
rs7359670	G	-0.0378
rs3809765	A	0.0277
rs7502384	G	0.0335
rs117331479	C	-0.1232
rs2048137	T	0.0293
rs56085050	C	0.1033
rs11652239	T	-0.06
rs72896276	G	-0.0339
rs148940475	T	0.1863
rs148847962	G	0.1141
rs1879265	A	0.0308
rs7350970	A	0.0451
rs12947571	T	-0.0384
rs143275150	T	-0.2259
rs117358906	T	-0.1453
rs2078152	T	0.0404
rs9674752	C	0.042
rs11655305	T	-0.0302
rs72832341	A	0.1501
rs78121064	T	0.0589
rs7225023	C	0.1471
rs8079597	G	0.065
rs72844663	T	-0.1509
rs2344570	C	-0.0579
rs4794585	C	-0.0351
rs9910597	C	0.0345
rs4789962	G	-0.0303
rs219439	T	-0.0927
rs12948642	C	0.0669
rs9906111	A	0.0448

rs74804082	C	0.0832
rs11077876	T	0.0401
rs62078155	T	0.0465
rs7218899	C	0.0278
rs7225503	C	0.0735
rs9901648	A	-0.0281
rs8075432	G	0.0403
rs142543845	A	-0.1094
rs7210166	C	0.1106
rs62060107	C	-0.0393
rs8079433	G	-0.0356
rs917606	C	-0.0331
rs77449858	C	-0.2772
rs195775	C	0.043
rs36088946	G	0.0381
rs9915275	T	0.1269
rs198547	A	-0.0442
rs138613300	T	0.1974
rs67522045	G	0.0765
rs117904628	A	0.2231
rs854658	G	0.0274
rs61153373	A	-0.0358
rs12951440	C	-0.0565
rs2292544	A	-0.1637
rs73321773	T	-0.0917
rs73273764	A	0.1169
rs2240215	T	-0.031
rs9895883	C	-0.0413
rs11871790	C	0.0985
rs147893443	A	0.0764
rs149051006	A	-0.1048
rs57081717	C	0.0493
rs12150591	C	-0.0384
rs10871512	C	0.0592
rs73278050	G	0.1276
rs11658819	A	-0.0332
rs67774676	C	0.031
rs117372014	T	-0.1248
rs9896202	C	0.0291
rs7218366	A	-0.0648
rs55962646	C	0.0632
rs59613972	A	-0.1922
rs4793323	A	-0.027
rs8073182	T	-0.0363
rs72845740	T	-0.1356
rs151298157	T	-0.1093
rs150269648	G	-0.1284

rs28604312	A	-0.0451
rs62063005	C	0.1413
rs1558724	C	0.0475
rs2872615	C	0.0329
rs12936618	A	0.0425
rs426553	T	0.0403
rs16957691	C	-0.0737
rs7224505	G	0.0403
rs76221837	C	0.1196
rs735311	A	0.0812
rs8080856	C	-0.0439
rs2537832	T	-0.0433
rs78776396	C	-0.0994
rs117120704	G	-0.2352
rs12941386	C	-0.0302
rs60227069	T	-0.0569
rs11079573	G	-0.0293
rs2290924	G	-0.063
rs76217810	G	0.2205
rs7220546	C	-0.0309
rs117504211	C	0.0699
rs9894393	A	-0.061
rs117399000	A	0.1427
rs116465838	A	0.0835
rs80099994	C	0.1205
rs4969249	A	0.1258
rs147222892	C	0.193
rs2132829	G	0.0573
rs17715862	A	-0.0768
rs9903554	C	-0.0291
rs4968905	G	-0.0334
rs78809149	C	0.069
rs2269459	A	0.0349
rs11655483	G	-0.034
rs145770388	T	-0.0408
rs144764591	T	0.2467
rs10338	G	-0.0349
rs9906544	C	-0.0406
rs223149	A	0.0404
rs59946015	G	0.2434
rs11078089	A	-0.0277
rs16593	T	0.0317
rs9912674	C	0.0384
rs7207780	T	0.0491
rs116972327	C	0.082
rs139303063	T	0.1588
rs73995130	A	0.1674

rs147912937	T	0.1216
rs28499357	T	0.0345
rs12949053	A	-0.086
rs74006315	G	-0.1051
rs79253593	A	0.0923
rs9894518	G	0.0274
rs62082972	T	0.09
rs149081389	T	-0.1064
rs150194877	T	0.0951
rs142147903	C	0.0556
rs2880563	C	0.0348
rs72822597	A	0.2098
rs62058412	T	-0.0795
rs12602729	T	0.0474
rs72490435	A	0.0547
rs12150623	A	0.0753
rs77625860	C	-0.0689
rs75913502	T	0.0971
rs2215118	C	0.0707
rs35036083	A	0.1036
rs11656819	T	-0.0353
rs150841918	A	0.1941
rs146827613	C	-0.1357
rs9910190	C	0.0385
rs7214592	G	0.044
rs146665235	T	0.0955
rs146656293	G	0.2033
rs7503914	A	0.0501
rs7206953	T	-0.0316
rs187883	G	0.0721
rs2713964	T	0.0296
rs3843735	G	0.0275
rs34391516	A	-0.1061
rs146780193	A	0.134
rs76879347	A	-0.1242
rs75610441	C	0.0803
rs572415	A	-0.0287
rs12450826	T	0.0584
rs11871062	C	0.0924
rs4508477	G	-0.0276
rs56690337	C	-0.0395
rs74927416	T	-0.1257
rs145282674	G	0.1357
rs2027997	C	0.0289
rs144833860	T	-0.1485
rs11650798	G	0.0316
rs2360110	C	-0.0524

rs143460595	G	0.1411
rs2714023	A	-0.0316
rs11870327	G	-0.095
rs8073615	A	-0.0384
rs4968796	C	0.034
rs1029680	G	-0.0401
rs1777752	C	-0.1734
rs17640958	G	-0.0426
rs12944393	T	-0.0402
rs11077898	G	-0.0282
rs11657900	A	0.1016
rs76818834	A	0.0555
rs117282161	A	0.1291
rs62090871	C	-0.2137
rs12939398	T	0.1333
rs72828643	T	-0.0462
rs117076215	T	0.0605
rs12600435	T	-0.0561
rs178581	C	0.0278
rs12051585	T	-0.029
rs76361517	G	-0.1113
rs7211038	C	-0.0528
rs78012551	G	-0.0366
rs72848246	C	0.0523
rs148441477	A	0.1266
rs2726135	T	-0.0415
rs80287354	T	-0.0923
rs75705105	T	-0.123
rs34537540	G	-0.1162
rs3859180	C	-0.0287
rs62063901	T	0.0392
rs1865995	G	0.0273
rs16954306	G	0.0758
rs1825734	C	0.0374
rs1985778	C	0.1032
rs242936	A	0.0447
rs2644706	C	-0.04
rs324079	T	0.0395
rs2292107	T	-0.0397
rs8078554	T	0.0375
rs2706513	T	-0.0271
rs280045	T	-0.0309
rs8178826	G	0.1276
rs112639072	T	-0.0791
rs78517666	T	-0.054
rs73288660	G	0.1313
rs56086968	A	-0.0746

rs12937212	T	0.0431
rs2074271	A	-0.0704
rs17712617	G	-0.0471
rs118077919	G	0.0932
rs2455940	C	0.0424
rs62000424	T	0.0454
rs117371597	A	-0.1429
rs8077392	T	0.0284
rs9908887	G	-0.0306
rs77584070	T	-0.1016
rs80157392	A	-0.0637
rs117911018	T	-0.1819
rs12603789	C	-0.1333
rs8079885	G	0.1349
rs62080017	C	-0.0285
rs8068982	G	0.0362
rs9910389	T	-0.0506
rs587842	G	-0.0447
rs117561003	C	-0.1435
rs16978106	T	0.1608
rs2707053	T	0.0344
rs10515101	G	-0.0347
rs34260932	T	0.051
rs9894085	C	-0.0323
rs11658082	T	-0.0404
rs35435268	T	-0.0987
rs147877128	C	0.0724
rs117255763	A	0.1714
rs412611	T	-0.0779
rs1023545	G	0.036
rs7223178	T	0.0673
rs142849437	T	-0.1295
rs8066124	C	0.0313
rs9894566	T	-0.0269
rs11655406	T	0.0584
rs78714116	A	0.102
rs7214374	A	-0.0274
rs12453418	G	0.0274
rs195769	G	0.113
rs11656361	A	0.0518
rs117328936	C	0.2082
rs4110067	G	-0.0477
rs78107101	T	0.0352
rs11653820	A	0.0447
rs7209950	G	-0.0463
rs140040425	A	-0.1458
rs8072785	T	0.0477

rs11655498	C	-0.0289
rs12946230	A	0.2195
rs3785710	T	-0.029
rs60416101	A	-0.0454
rs7212228	A	0.0327
rs55993512	G	0.2273
rs196954	A	0.0301
rs79751796	C	-0.0756
rs117740851	G	-0.1374
rs4790931	C	-0.1033
rs77502473	T	0.1471
rs73351962	A	0.0941
rs9902343	C	-0.0499
rs72836603	A	-0.1342
rs118013016	T	0.1532
rs8073130	A	0.1492
rs4791571	A	0.0285
rs847682	C	0.0271
rs2331554	T	0.0991
rs72840502	T	0.0449
rs143797388	T	0.1511
rs113927006	T	-0.1552
rs57037680	T	0.0446
rs118026022	C	-0.1078
rs117106621	A	0.1545
rs16948633	G	-0.069
rs544198	G	-0.0336
rs6504570	T	-0.0338
rs80249065	T	-0.0731
rs4790161	A	0.0509
rs56008948	G	0.0785
rs148094507	A	-0.0581
rs117253863	C	-0.1265
rs28477462	C	0.0688
rs7211547	C	0.0492
rs57237747	C	-0.0617
rs117464165	T	-0.0819
rs9900761	G	0.0826
rs117354644	A	0.1902
rs138725957	T	-0.2207
rs4341789	T	0.0297
rs1795953	A	-0.0273
rs11653487	C	-0.0266
rs12453901	C	0.0427
rs4792804	T	-0.1481
rs9896131	A	-0.0611
rs2874994	G	-0.0264

rs9895217	T	0.0354
rs147276433	G	0.1469
rs17605038	A	0.0394
rs116917950	C	0.2837
rs511902	G	-0.0688
rs3744311	T	-0.0308
rs62064076	T	0.1154
rs12948478	G	0.0299
rs80281848	C	-0.0947
rs149252098	C	0.1121
rs7207514	A	-0.0437
rs475298	G	0.0557
rs117721431	C	-0.0749
rs12452736	G	0.0325
rs58544026	A	0.0799
rs34005202	A	-0.0424
rs71357144	A	0.0563
rs312752	G	0.0283
rs2440030	G	-0.0315
rs75573684	C	0.115
rs118103841	G	-0.2258
rs1013120	A	0.0338
rs117210760	T	0.1081
rs4969153	G	-0.0411
rs9898812	G	0.0282
rs2875094	T	-0.0274
rs4267379	T	-0.0271
rs11654055	C	0.0377
rs9907913	T	0.0486
rs4889804	A	-0.0349
rs150209287	G	-0.1785
rs62060695	A	0.1295
rs2165875	T	0.0267
rs2289632	T	-0.0441
rs12449507	T	0.0533
rs75557806	T	-0.0913
rs34544488	A	0.0716
rs11078776	T	0.0279
rs7216896	C	-0.0277
rs1564821	A	0.0311
rs35315133	A	0.0401
rs317418	C	0.029
rs2326063	T	0.0397
rs117867814	A	0.1338
rs4889839	G	-0.0284
rs12602039	G	-0.0268
rs2532433	T	0.0445

rs806939	A	-0.0654
rs12449788	A	0.0376
rs62070129	T	0.0543
rs58776799	G	0.0582
rs17721223	T	0.1472
rs13204	A	0.1304
rs111738839	A	-0.1563
rs76448060	A	0.1857
rs1867204	G	0.0267
rs9908917	T	-0.0386
rs73354339	C	0.1257
rs74882388	G	0.0865
rs79732257	A	0.039
rs2958905	G	-0.028
rs74772684	T	0.2107
rs758488	A	0.0602
rs116253080	C	-0.1665
rs8070275	C	0.0277
rs16959655	C	0.075
rs76650363	A	-0.0645
rs11079277	A	-0.035
rs17713682	T	0.0462
rs7221298	A	-0.0618
rs7218351	A	-0.031
rs4794253	C	0.0292
rs2306755	A	-0.0285
rs58800162	C	0.0325
rs9898176	T	-0.0419
rs2725394	G	-0.0557
rs8077882	T	-0.0326
rs6502803	C	0.0443
rs140194435	T	-0.0955
rs72819164	T	-0.0998
rs145584358	A	-0.1497
rs76905139	T	-0.0915
rs57724104	C	0.0319
rs78125306	A	0.1672
rs117790524	G	0.0787
rs76728781	G	0.162
rs113613506	A	0.1154
rs145497895	G	-0.0484
rs76679417	C	0.0525
rs9893480	C	0.0306
rs894628	T	0.0297
rs60551779	G	-0.0307
rs112391538	T	-0.144
rs74528226	C	0.1145

rs9909625	T	0.063
rs76846670	A	-0.0277
rs11867500	G	-0.0288
rs2274892	G	-0.027
rs3020877	T	-0.0337
rs77054119	C	0.087
rs11658104	T	-0.0767
rs218677	A	-0.0724
rs2004755	T	0.0324
rs17175726	T	0.13
rs11652004	T	0.0754
rs10521214	A	0.0383
rs144365599	G	0.1818
rs8073805	G	-0.0409
rs72820261	C	0.1065
rs76324518	A	0.2265
rs4791974	A	0.0316
rs112024554	T	0.0772
rs12451928	A	-0.0368
rs9914220	T	-0.0472
rs117555511	A	-0.1527
rs77144095	T	0.1067
rs72828638	A	0.1289
rs146513180	A	-0.1687
rs4644888	T	-0.026
rs4442859	G	-0.0344
rs9915695	A	-0.0786
rs140915602	A	0.1589
rs320642	A	0.0359
rs77841617	T	0.0693
rs62080679	A	0.0922
rs77409243	A	0.054
rs73983148	G	0.0533
rs76833827	C	-0.1236
rs147779486	T	0.1465
rs62065770	A	0.0971
rs6503352	A	0.1093
rs16968925	G	0.0654
rs2197159	C	-0.0284
rs76345714	T	0.0881
rs77981506	C	0.0812
rs4793855	A	0.0308
rs11871522	T	0.0327
rs34856222	A	0.0315
rs116923381	T	-0.1062
rs117136486	G	0.11
rs80226206	C	-0.0744

rs142071944	T	-0.1384
rs118007602	G	0.0678
rs2359215	T	-0.0462
rs35528570	G	-0.056
rs11868879	A	-0.0458
rs4130510	A	0.0304
rs8066479	T	0.0261
rs8071287	T	-0.0664
rs9907431	A	-0.0353
rs11657986	C	0.0547
rs16955211	G	0.0405
rs77562445	A	0.0358
rs73990417	G	0.0991
rs17682084	T	0.0436
rs9901444	T	-0.0784
rs2332297	G	0.0288
rs58012751	G	-0.0674
rs4889793	T	-0.1757
rs72856572	G	-0.0893
rs9898416	C	0.0257
rs12452363	A	0.0254
rs145472073	T	0.1599
rs2661598	T	-0.028
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rs11653768	G	0.051
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rs9941388	A	-0.0329
rs7218893	G	0.1208
rs138562138	G	-0.136
rs3025280	T	0.0893
rs80170629	A	0.0801
rs11650492	A	-0.03
rs17843015	G	-0.0563
rs117056610	T	0.0936
rs4319830	T	0.0374
rs894868	G	-0.0555
rs145326705	G	0.1114
rs143495343	T	-0.1136
rs144256189	T	0.0811
rs148996190	C	0.1565
rs140183833	A	-0.1773
rs4889979	T	0.0271
rs76676891	G	0.181
rs12450505	A	0.0527
rs2125962	T	-0.158
rs35257788	T	-0.0838
rs9909984	A	0.0331

rs9913689	G	0.0898
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rs3760524	T	0.0272
rs62084482	C	-0.0611
rs12452364	C	-0.033
rs1469604	A	0.0523
rs146139633	T	0.1432
rs2303466	T	0.0353
rs4890114	G	0.0298
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rs16947058	A	0.0261
rs2301823	C	0.0265
rs2304969	T	-0.0424
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rs72819695	T	-0.0582
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rs17608925	C	0.0435
rs148278971	T	0.1327
rs112096788	T	0.1077
rs12940941	T	0.0456
rs62064088	T	-0.0481
rs1531008	A	-0.1077
rs2735476	C	0.0567
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rs116133272	G	-0.1449
rs113804199	A	0.1969
rs11078713	G	0.0266
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rs9908656	A	0.0406
rs72839154	T	-0.073
rs2875077	T	-0.0743
rs8075884	A	0.104
rs8076501	G	-0.03
rs72849428	T	-0.0331
rs17825467	G	0.099
rs12941004	T	0.0484
rs123059	T	-0.0328
rs7211851	T	-0.0368
rs137916093	T	0.1523
rs78914862	C	0.0919
rs8078257	C	0.037
rs148703209	C	-0.0804
rs17782141	T	0.0541
rs79875459	T	-0.0854
rs78523360	T	-0.0548

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rs112686693	A	-0.0622
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rs34474954	T	0.1032
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rs9891809	G	-0.0309
rs62088209	A	0.0436
rs111253723	T	0.0518
rs111624955	A	0.1706
rs3744581	G	0.0294
rs35855335	C	0.0511
rs60882131	A	-0.0418
rs143083852	A	-0.1326
rs12950638	T	-0.0446
rs364569	G	-0.0279
rs9906680	T	0.0529
rs12452320	A	0.0621
rs8082651	G	0.0297
rs11653824	A	0.0487
rs62065409	A	0.0585
rs11658292	G	-0.1038
rs56354307	G	0.1331
rs112944916	T	0.0282
rs77879357	G	0.1997
rs8077626	G	-0.028
rs2377309	T	-0.0364
rs11078823	A	0.0259
rs112689088	C	0.0514
rs11657323	G	0.03
rs8067925	T	-0.038
rs1049848	C	-0.1699
rs3809877	C	-0.0271
rs72834492	A	0.0604

rs4436834	T	-0.0341
rs6502404	T	0.0257
rs8073083	G	-0.0248
rs116995945	A	-0.1072
rs12938596	C	0.038
rs11870930	T	-0.0499
rs112997854	A	0.1896
rs2233369	A	-0.0572
rs77315935	A	0.0795
rs9901952	T	-0.0389
rs79728355	G	-0.1205
rs55916822	C	0.057
rs8082345	C	0.0328
rs4796153	A	-0.0417
rs111516403	G	0.0257
rs72631343	G	0.0422
rs141697095	T	-0.0923
rs73367023	T	0.0984
rs145503279	A	0.1315
rs2521786	T	-0.0402
rs6501997	T	0.0326
rs75405130	A	0.0556
rs117506848	G	0.1954
rs141702033	A	0.1413
rs8074170	C	-0.0355
rs112695630	T	0.0703
rs117887944	C	-0.0618
rs17724695	A	-0.0543
rs11650037	T	-0.06
rs62060708	G	0.0463
rs117380567	T	0.1055
rs12449645	T	0.0343
rs17817797	T	0.1023
rs68177983	C	-0.0332
rs117797035	A	-0.1015
rs35942424	C	-0.0548
rs73361457	A	0.1158
rs117657112	A	0.1372
rs72830090	A	0.0478
rs11651577	A	-0.1446
rs55877868	A	0.0471
rs10083867	T	0.027
rs7222964	C	0.0401
rs61576608	A	-0.028
rs178885	A	-0.1244
rs7225247	C	0.0253
rs9894552	A	0.0467

rs75102551	C	-0.1573
rs2671672	A	-0.035
rs280051	T	-0.0319
rs115872616	T	-0.125
rs9898781	C	0.0246
rs76460797	C	-0.0443
rs150616931	G	-0.0642
rs78758760	C	0.0832
rs143449624	C	-0.1357
rs9898073	T	0.072
rs117990338	T	0.0776
rs59561463	T	0.0475
rs139362087	A	0.1411
rs75671588	G	0.1005
rs73993458	A	0.0459
rs72827079	T	-0.0951
rs1979132	G	-0.0336
rs78625380	C	0.0785
rs1468834	G	-0.0283
rs2291189	T	0.0577
rs3760168	C	-0.0685
rs56083305	T	-0.05
rs140446155	T	-0.2031
rs72834951	G	0.0448
rs62062087	C	0.0358
rs9905479	G	0.0494
rs115485458	A	-0.1009
rs72839967	A	0.0512
rs76627186	G	-0.1106
rs4790738	T	-0.0319
rs11655279	G	-0.0717
rs2241008	C	0.0413
rs7503175	T	0.026
rs7217946	A	0.0522
rs11079872	T	-0.0748
rs117301606	G	-0.2205
rs11869620	G	0.0246
rs150092494	T	-0.1125
rs7213100	C	0.0256
rs10775385	T	-0.0599
rs6503319	T	0.044
rs113663563	T	0.0837
rs28914829	A	-0.1461
rs16959062	G	0.0375
rs917505	C	-0.0728
rs78389815	T	0.0963
rs16956192	T	0.0416

rs12601280	G	0.0303
rs1469731	T	-0.0606
rs75939704	A	-0.1291
rs7215805	A	0.0264
rs138454800	T	0.1269
rs72828858	T	0.0703
rs61093326	A	-0.0405
rs111571648	A	0.1846
rs141406416	T	0.1571
rs75689345	T	-0.0871
rs11077571	A	-0.0324
rs35713482	A	0.0268
rs76250678	A	0.1754
rs16954648	C	0.1785
rs7503726	T	0.0259
rs7215812	A	0.0299
rs11650491	A	-0.0463
rs151116873	T	-0.1578
rs62065668	T	0.0763
rs78570009	T	-0.1111
rs9915530	C	-0.0257
rs11656646	C	-0.0256
rs146430889	A	0.1044
rs117589326	G	0.1679
rs62068282	A	-0.2303
rs7211107	G	-0.0284
rs117825341	A	0.1677
rs62067360	T	0.1352
rs111453277	A	0.176
rs11655542	T	0.1301
rs2707050	T	0.0401
rs77420162	A	0.114
rs4792425	T	0.0251
rs77321515	G	-0.1428
rs6503191	A	-0.0278
rs150472706	T	0.1527
rs16959280	A	0.054
rs6502302	T	0.1073
rs148449897	A	0.1273
rs78568387	T	0.1396
rs117351674	A	0.1767
rs12951612	A	0.0296
rs4790329	T	-0.0299
rs8072344	C	0.0312
rs76341044	G	0.1994
rs645991	T	0.0396
rs9900067	A	-0.03

rs7501932	C	-0.0518
rs2898941	A	-0.0602
rs7208192	C	0.0244
rs12943376	G	-0.0446
rs78545831	A	0.0887
rs9915064	A	0.1773
rs113374750	A	0.0576
rs117709610	A	-0.1009
rs8075188	T	0.029
rs9908715	C	0.0263
rs28363288	T	-0.1252
rs17544947	G	-0.0281
rs4794659	T	0.0388
rs35577836	T	-0.0438
rs151022275	T	0.1928
rs73977632	G	-0.0456
rs36082066	C	0.1028
rs9902544	A	0.1058
rs7223681	C	0.0377
rs76963738	C	0.0813
rs8067081	T	0.035
rs8076034	T	0.0358
rs7213584	G	-0.0248
rs4436838	G	-0.0283
rs17766990	C	-0.0276
rs138590904	T	-0.0517
rs16968472	G	0.0784
rs72846248	C	-0.0518
rs55990280	G	0.0291
rs783251	A	0.0741
rs79619630	T	-0.2057
rs12450561	C	-0.1236
rs113238806	A	0.075
rs2916131	T	0.0283
rs9905036	G	0.0263
rs55636927	G	0.0245
rs118121100	T	0.09
rs142057056	T	0.079
rs115583872	T	0.1922
rs12451722	C	-0.0255
rs1465243	A	0.0392
rs72844523	G	0.1114
rs138185844	C	0.1575
rs11078868	A	0.0314
rs143164525	C	-0.0878
rs16953208	A	0.0788
rs80288474	G	0.0561

rs57593093	C	0.0254
rs11654061	C	-0.1312
rs7213702	A	0.0466
rs2309487	G	-0.0286
rs11868805	C	-0.0295
rs1604547	G	-0.0319
rs142798191	G	-0.1757
rs80312478	A	0.0321
rs142511067	G	-0.155
rs12451298	A	0.044
rs75613774	A	-0.145
rs58862628	T	-0.0322
rs12450302	T	-0.0354
rs112914051	A	0.1121
rs727882	G	0.0454
rs72815076	T	-0.0804
rs2715813	T	-0.025
rs9909401	A	0.054
rs7211253	A	-0.1288
rs195771	G	-0.0252
rs2726546	C	0.0498
rs9897020	A	0.0376
rs66491052	A	-0.0328
rs11079647	T	0.0261
rs62075918	A	0.1837
rs222853	A	-0.0616
rs76207825	G	0.0519
rs12453150	C	0.0242
rs57051682	G	0.0637
rs10445211	G	0.0272
rs76156634	T	-0.0698
rs7218591	A	0.0336
rs62072189	A	0.0392
rs10048172	C	-0.0294
rs77050237	A	0.1722
rs7210402	G	0.0387
rs76499171	C	0.1257
rs117510770	T	-0.1742
rs12943931	T	0.226
rs244393	C	0.0392
rs72834690	T	0.0647
rs141370275	T	0.1545
rs62077157	G	-0.0409
rs55633414	G	0.0764
rs58079959	C	-0.0355
rs62072415	G	0.1142
rs11077372	A	-0.0259

rs71366103	T	-0.2048
rs613495	C	-0.0308
rs57016894	G	-0.0665
rs113769236	A	-0.156
rs4648343	G	0.0261
rs71367982	C	0.0587
rs111818159	G	0.0525
rs118010914	C	0.174
rs58089352	C	-0.1424
rs117107591	C	-0.1066
rs2286528	T	-0.0709
rs143827048	T	0.1416
rs11656239	T	0.0331
rs11659029	A	0.0278
rs12602453	C	0.0808
rs139526897	C	0.1611
rs2005809	G	-0.0315
rs113903339	T	0.0783
rs72488576	A	-0.2102
rs16968020	A	-0.0307
rs80169802	A	-0.1037
rs76666366	C	-0.1483
rs6501931	C	-0.0449
rs7208022	T	0.0266
rs6501645	C	0.025
rs11870457	G	-0.116
rs75156581	G	-0.0565
rs35712175	C	-0.0755
rs1233854	T	-0.0344
rs139290266	A	0.0958
rs78439530	A	-0.0668
rs117674070	T	0.1341
rs17745201	A	0.0506
rs2589141	C	0.0421
rs9895011	T	-0.0408
rs2137143	T	0.0546
rs378149	A	-0.0612
rs112498122	G	0.0287
rs9894704	C	0.0377
rs62076460	G	0.102
rs12943506	A	-0.0241
rs138815617	A	-0.1492
rs4074991	G	0.0425
rs3786094	C	-0.0249
rs116681311	T	0.1214
rs7221929	A	0.024
rs4995288	C	0.0274

rs8072673	C	0.0442
rs35131893	G	0.0252
rs9891602	T	-0.0412
rs77134702	T	-0.0483
rs146630421	A	0.1961
rs9912225	G	-0.0513
rs11658795	A	-0.0276
rs78166995	T	-0.2636
rs11651251	G	0.0562
rs1634504	C	0.0252
rs76007550	T	-0.1338
rs3809761	A	-0.0401
rs4889931	C	-0.0582
rs1663194	T	0.0342
rs12944087	A	0.0275
rs148847171	A	-0.1347
rs9908114	A	-0.0579
rs1983490	A	-0.0252
rs1544989	G	0.0235
rs2290454	T	0.0448
rs2286874	G	0.0703
rs117103710	A	-0.1015
rs34363598	C	0.09
rs111597713	T	0.0557
rs7359499	T	-0.1191
rs11658005	C	0.0584
rs142394296	C	0.1372
rs11077661	A	0.0304
rs12948376	G	-0.0255
rs11654427	T	0.1752
rs4263000	T	0.0466
rs117513483	T	0.0822
rs8073884	A	0.1292
rs12603701	A	-0.0244
rs118080805	C	0.1636
rs112258612	A	0.1219
rs11653744	T	-0.0254
rs11079256	A	0.0323
rs6501551	G	0.0373
rs8080993	G	0.0256
rs12952694	T	0.0444
rs1233855	A	0.0285
rs6503589	C	0.0267
rs1514239	C	-0.0267
rs117683710	C	0.1076
rs8066894	A	0.0591
rs12452593	C	0.0265

rs62069327	G	0.0279
rs72836886	T	-0.052
rs72820111	A	0.0715
rs113646636	A	-0.0428
rs12450835	G	0.0462
rs118184955	T	-0.1409
rs138414361	C	-0.029
rs62067902	G	0.0382
rs8070815	T	0.0267
rs2714029	C	-0.044
rs78844067	A	0.063
rs12939011	G	0.026
rs78578708	A	0.0512
rs981577	C	0.025
rs73338795	G	0.0885
rs7220080	T	0.0241
rs3760144	A	0.0933
rs140837785	T	0.1291
rs1074637	C	0.0511
rs34217155	G	-0.0395
rs12600344	T	-0.0264
rs76902443	A	0.0927
rs118066732	T	0.0575
rs140976490	A	0.0845
rs113094786	T	0.1201
rs62079539	T	0.0936
rs55638481	G	0.2459
rs614455	C	0.0268
rs62058101	C	-0.0448
rs916910	A	-0.0283
rs8064365	G	0.0654
rs35804067	C	0.0814
rs34055624	A	0.067
rs139611609	C	0.0969
rs17761467	A	0.0421
rs3891720	A	0.0424
rs72829547	A	-0.0462
rs62072200	C	-0.052
rs854675	T	0.0403
rs117254625	G	-0.2394
rs59692040	T	-0.0251
rs56049417	G	-0.0886
rs1019054	G	0.1313
rs2079663	G	0.0324
rs34402473	T	-0.0359
rs60968356	C	0.1027
rs2453000	C	-0.0446

rs74824031	T	-0.0766
rs12602160	A	0.0481
rs56383674	C	0.0422
rs10515149	G	0.0473
rs12450248	G	-0.0364
rs77894595	C	0.0978
rs144993221	A	0.0911
rs9889858	A	-0.0258
rs7220136	G	0.0294
rs12952241	C	-0.0323
rs60017501	T	0.0359
rs12947431	A	0.0802
rs75263840	A	0.0664
rs9912976	C	-0.0318
rs76726425	C	-0.037
rs72850936	A	0.1407
rs4796407	G	0.0246
rs12952544	G	-0.0379
rs4789646	T	-0.0342
rs73286306	T	-0.1308
rs145669577	T	-0.0391
rs660413	G	-0.0278
rs75502650	A	-0.0351
rs2993355	G	-0.0483
rs7210735	A	-0.0421
rs116966175	A	0.0367
rs9914831	A	0.0297
rs7210514	T	-0.0284
rs113714895	T	-0.0506
rs8072149	T	0.0249
rs58850579	G	0.1237
rs8072890	T	0.0278
rs117083077	A	0.0556
rs117281509	C	0.1455
rs72841250	A	-0.0629
rs11869387	T	-0.0305
rs75380519	T	-0.1212
rs8073903	C	-0.0257
rs4496206	A	-0.0344
rs114400335	T	-0.0535
rs2302867	G	-0.0247
rs73274291	G	0.1883
rs1971	A	0.0265
rs62073141	T	0.0359
rs4128516	A	-0.0632
rs11871923	T	-0.0359
rs295842	T	0.0481

rs116992020	T	-0.0637
rs8082378	A	0.0246
rs56150035	A	-0.0475
rs868432	A	-0.0299
rs139841118	G	-0.0951
rs75911077	A	0.0503
rs16950905	C	0.0882
rs112586313	C	0.1495
rs12326008	C	0.081
rs67377315	A	-0.0424
rs150980271	T	-0.1061
rs7225755	C	0.0261
rs11653138	T	0.024
rs117609123	T	0.1354
rs142763757	A	0.1001
rs8070671	C	0.0372
rs2270115	G	-0.0294
rs34979580	T	-0.1436
rs79558243	G	-0.0646
rs62058030	T	0.0344
rs55711288	G	-0.1181
rs145409770	A	-0.1467
rs3027210	C	0.0295
rs56303708	G	-0.0309
rs3889146	G	0.0299
rs72809338	A	0.1215
rs4366752	T	-0.0297
rs75549785	T	-0.0574
rs62077678	A	0.1075
rs3744678	C	0.0286
rs35243111	A	-0.0784
rs111930688	G	0.1172
rs7224763	A	-0.028
rs12948243	G	-0.0345
rs2474686	A	-0.0561
rs112672463	T	0.0441
rs28864758	C	-0.024
rs17735400	A	0.1021
rs72880521	A	-0.0561
rs161358	A	0.0312
rs12601674	T	0.0353
rs113865680	C	-0.0439
rs76510397	G	-0.0759
rs8065798	C	-0.0278
rs7208257	C	-0.0521
rs113767537	A	0.0571
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rs56112103	A	-0.027
rs7217392	T	0.0245
rs4968821	T	-0.0472
rs62071868	C	0.0779
rs12937333	T	-0.0322
rs74784782	C	0.0868
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rs12940551	G	0.058
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rs886161	C	0.0238
rs34411818	A	0.0806
rs118008676	A	-0.1579
rs55811648	T	-0.0665
rs11077558	C	-0.0407
rs6503176	T	0.0353
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rs72814104	T	0.032
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rs72824462	C	0.0582
rs111734310	T	-0.1041
rs6505413	C	0.0233
rs79321384	A	-0.1005
rs7209263	A	0.0253
rs11658113	A	-0.1054
rs118187839	C	0.1038
rs117454625	A	-0.1673
rs117289252	C	0.2042
rs80125374	C	-0.0919
rs7220807	G	-0.0284
rs111239046	T	0.0575
rs9896748	T	0.0618
rs9900959	C	0.0249
rs1558214	G	-0.0233
rs2779252	T	-0.0552
rs223148	C	0.0302
rs17183537	C	0.0619
rs416438	T	0.0303
rs12600879	G	0.028
rs16977420	A	-0.0258
rs218676	A	-0.0299
rs34926696	A	0.0713

rs9891306	A	-0.0255
rs117872203	T	0.0995
rs144987797	T	-0.0747
rs75882126	C	-0.0431
rs72843265	C	-0.0632
rs116690895	T	0.0794
rs8073577	T	0.0234
rs148165153	G	0.1337
rs632058	A	-0.0249
rs117382854	G	0.1198
rs147134872	A	0.0892
rs72814941	T	-0.0914
rs75730104	T	0.1194
rs12602329	A	0.0428
rs2429383	A	-0.1132
rs4476235	G	0.0272
rs9675150	T	0.0312
rs8079577	A	-0.027
rs4496207	G	-0.0264
rs7211029	T	0.0256
rs60798788	T	-0.0912
rs7217060	C	0.0386
rs116985849	C	0.0972
rs118018018	G	0.2081
rs77812225	A	-0.1032
rs11077515	G	-0.0581
rs4969438	G	0.0393
rs59927312	T	0.0579
rs146734524	C	0.1741
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rs144980563	A	-0.0563
rs2159014	T	-0.0349
rs79419750	T	0.1493
rs9898481	A	0.0231
rs147348023	T	-0.1837
rs111943449	A	-0.121
rs62070211	A	-0.0283
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rs11651987	A	0.0258
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rs602351	T	0.0456
rs11247575	A	-0.0296
rs72846682	T	0.0778
rs7219901	C	0.0314

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rs149741850	C	-0.0524
rs314253	C	0.0244
rs138978779	C	-0.1024
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rs117419336	G	0.0718
rs4794700	C	-0.0674
rs2306270	A	0.0435
rs145701909	C	0.1373
rs9901246	G	-0.0384
rs77399433	T	0.1244
rs72868308	G	-0.0933
rs1065768	T	-0.0365
rs145941550	C	-0.1311
rs117326035	C	0.0697
rs113402439	C	0.0891
rs77855512	G	-0.0533
rs2287299	T	0.0813
rs117676160	C	-0.1416
rs117566571	C	0.0774
rs16948721	G	0.0308
rs161374	A	0.0253
rs2108461	G	-0.0235
rs72854324	A	-0.0746
rs9303003	A	0.0449
rs3899058	A	0.0242
rs1663188	T	-0.0258
rs9915381	A	0.0311
rs72807135	A	-0.0925
rs117704776	C	0.0901
rs147716295	A	-0.1451
rs11658216	C	-0.0526
rs17761746	T	-0.1869
rs2248358	C	0.0315
rs62058128	T	-0.0706
rs11541650	A	0.1001
rs71358290	A	-0.0445
rs62072921	T	0.1277
rs117099109	A	-0.2073
rs2725399	C	0.0295
rs58788694	G	0.0923
rs35079661	A	0.0892

rs12940509	A	0.048
rs3744410	T	-0.0568
rs147856429	C	-0.162
rs11649917	T	0.0435
rs28421019	T	0.067
rs79754868	A	0.1205
rs1870429	T	0.024
rs118104363	A	-0.0773
rs28713496	C	-0.0428
rs4790698	A	0.0306
rs11871742	C	-0.0418
rs295092	G	0.0525
rs9916390	T	-0.0447
rs17670876	G	0.0736
rs148681244	T	-0.0669
rs34373928	T	0.0684
rs112655617	C	-0.1067
rs9914522	G	0.0315
rs4464142	A	0.211
rs9904511	T	0.026
rs143006871	C	-0.1349
rs74440765	G	0.0836
rs143077453	C	0.072
rs72812844	A	0.1124
rs11649927	G	0.0306
rs8067942	C	-0.0501
rs8070869	A	0.0245
rs7225292	G	0.1157
rs4792477	T	-0.0248
rs7219949	T	-0.0295
rs61753142	T	0.0858
rs117871282	T	0.1149
rs147569846	T	0.1565
rs7211678	G	0.0485
rs28611065	C	0.0371
rs111800319	C	-0.0942
rs3209587	A	-0.0494
rs8078354	G	-0.024
rs35394067	T	-0.0425
rs117759052	C	-0.0554
rs62065887	A	-0.0471
rs6502144	C	0.0235
rs12948800	T	-0.0305
rs11078072	C	0.0316
rs9905813	G	0.0493
rs113723473	G	0.0506
rs74492633	A	-0.1194

rs34684777	A	-0.1682
rs4969205	C	0.0242
rs79063783	A	-0.1831
rs11651505	T	0.0361
rs12451854	A	0.0978
rs4310915	C	-0.0259
rs79666594	T	-0.0457
rs76835946	C	-0.0753
rs117250514	A	-0.1293
rs117903468	A	-0.0522
rs9807014	T	0.0318
rs8915	C	0.0292
rs2411053	A	0.0277
rs72811977	A	0.0255
rs2570052	C	0.0328
rs62071087	G	-0.027
rs77005411	C	-0.053
rs148948189	A	0.0571
rs2586063	C	0.0715
rs62062413	A	0.1076
rs11651624	A	0.0292
rs8071497	C	-0.0233
rs9894352	G	-0.06
rs150476910	A	0.126
rs9915987	C	0.0296
rs11652129	C	-0.1403
rs7213785	G	-0.0814
rs2864881	T	-0.0232
rs7207216	T	0.0248
rs45558533	A	-0.0658
rs6502980	G	0.0586
rs72839036	A	-0.0719
rs80314171	T	0.1535
rs145672924	A	-0.1653
rs112114694	T	0.0539
rs117631740	T	-0.115
rs16950540	G	-0.1177
rs61393816	A	0.0433
rs142732771	T	0.1083
rs143417053	C	-0.1028
rs2077470	G	-0.0317
rs9902978	C	0.0334
rs62078712	T	-0.035
rs7212390	A	-0.0298
rs16958968	A	0.0497
rs144210385	A	-0.1509
rs236581	T	0.0871

rs72825075	T	-0.0481
rs112911537	T	0.1654
rs144852096	A	-0.2117
rs146778604	A	0.0488
rs74721111	C	-0.1884
rs12449950	G	0.0225
rs7216198	C	0.0736
rs66559434	A	0.025
rs76253868	G	0.052
rs732928	G	-0.0238
rs11078885	A	-0.0271
rs2411190	G	-0.0275
rs2271309	G	-0.0271
rs75370516	A	0.0698
rs74766434	C	0.1046
rs117631786	A	-0.1558
rs74857489	A	0.0572
rs55804472	G	-0.0456
rs72631379	A	0.0533
rs79762965	G	-0.087
rs76004683	A	-0.1367
rs9913946	T	0.0501
rs78279880	A	-0.0672
rs75499973	A	0.1301
rs11654144	T	-0.0312
rs73993962	T	0.0798
rs112230002	T	0.1558
rs2521717	C	0.0287
rs9898636	G	0.0256
rs2958908	C	-0.031
rs4283258	C	-0.0282
rs9889673	C	-0.035
rs76613467	G	0.0561
rs673784	T	0.0649
rs7224172	A	0.0404
rs60913102	T	0.0529
rs62068273	A	0.0954
rs117341978	T	-0.0905
rs78366148	G	-0.0839
rs58234823	C	-0.0262
rs8073669	G	0.0501
rs76456134	G	0.06
rs4354994	T	0.0275
rs78516248	C	-0.0438
rs16954495	C	0.0541
rs112791051	G	-0.0625
rs62066662	A	-0.1601

rs17716015	A	0.037
rs4795715	C	0.0481
rs1557668	G	0.1613
rs141948566	T	-0.1133
rs8073065	C	-0.0596
rs75290623	G	0.058
rs16976490	C	0.0462
rs4794687	T	0.0259
rs9892096	T	0.1141
rs1992507	T	0.1183
rs72862401	T	-0.0698
rs140088610	T	0.136
rs197916	T	-0.0305
rs145755349	C	0.0751
rs4789861	T	0.0532
rs7210155	T	-0.0561
rs2271315	T	-0.0661
rs111694990	A	-0.0392
rs7501777	G	-0.0315
rs11869102	T	0.042
rs11654099	A	0.0312
rs79882528	T	0.1211
rs4795930	C	-0.0718
rs151114485	A	0.1012
rs113616468	A	0.0721
rs10521147	C	0.0842
rs149048042	A	-0.0483
rs838374	A	-0.1228
rs73981911	T	0.0487
rs115389272	T	0.1005
rs226234	G	0.1186
rs11656323	C	0.0638
rs76839196	G	-0.1122
rs117798487	G	-0.1371
rs9912487	A	0.0384
rs79082648	A	-0.1105
rs9905399	C	0.0451
rs8066848	T	0.0711
rs12451693	T	-0.0279
rs820162	A	-0.0271
rs7406014	G	-0.0279
rs3924207	T	-0.0725
rs113560100	G	-0.0888
rs1131610	T	-0.0995
rs2047774	A	0.0252
rs12601331	T	0.025
rs117440845	T	0.1398

rs865429	G	-0.0346
rs4792806	G	0.0252
rs145018927	G	0.1277
rs919109	C	-0.0325
rs9901864	G	0.0288
rs118175220	C	-0.1348
rs222859	C	0.0371
rs60486271	T	0.0699
rs12942589	C	-0.0281
rs28505351	A	0.0234
rs117258099	G	0.1392
rs3764425	G	0.0243
rs1990463	T	0.0263
rs754577	T	-0.0888
rs281360	A	0.0449
rs226418	C	0.0403
rs118185891	A	0.118
rs79253045	G	0.1185
rs76420517	A	0.099
rs77921683	C	0.0355
rs4239275	T	0.0351
rs7504026	G	-0.0258
rs78863474	A	-0.1077
rs80004736	C	0.1565
rs35940931	A	-0.0275
rs11649902	C	-0.0258
rs8065626	T	0.0574
rs34564116	T	0.1071
rs2940636	A	-0.024
rs7212097	T	0.0885
rs149725893	C	0.1086
rs689487	T	-0.0313
rs117593216	G	-0.1455
rs10775375	A	-0.0322
rs4795064	C	0.0225
rs117646332	A	0.0576
rs117075781	A	-0.0835
rs9905228	C	-0.0443
rs75222123	C	-0.1277
rs56100872	T	-0.0501
rs4794571	C	-0.0419
rs2134633	T	0.0277
rs17712157	C	0.0364
rs9896862	G	0.0399
rs34289840	C	0.0362
rs16946355	A	-0.0835
rs12325738	C	0.0404

rs17652686	A	0.0576
rs117232481	A	0.1073
rs79048109	T	0.0373
rs149278453	A	-0.064
rs111258052	C	-0.0851
rs11657203	G	-0.0255
rs62056074	T	0.1088
rs212493	C	0.0247
rs11867960	A	-0.0384
rs141167917	T	0.144
rs1847577	C	0.0576
rs59184023	A	-0.0756
rs9893974	T	0.0316
rs12937478	T	-0.0301
rs2877631	A	-0.0317
rs138197003	C	-0.128
rs11650611	A	0.0469
rs111346516	A	0.0743
rs72810692	T	0.1089
rs142906547	G	-0.1076
rs117345200	T	0.1048
rs8081438	A	-0.0307
rs58864227	T	0.0314
rs2952311	G	-0.0392
rs57282943	A	0.0424
rs8065815	A	-0.0817
rs80117280	G	-0.0424
rs9912522	T	0.0236
rs2134808	G	0.0264
rs74000903	T	0.0669
rs6565538	A	0.0829
rs2086247	C	0.0268
rs116971671	G	0.1742
rs78732898	A	-0.039
rs113301975	T	0.0382
rs79050436	A	-0.1049
rs117470364	C	0.1034
rs79677589	G	0.0386
rs3859254	C	0.0285
rs12938335	G	-0.0848
rs74932577	T	0.0802
rs75209654	A	0.1097
rs9907413	C	-0.0615
rs74323364	G	0.0432
rs78247247	G	0.077
rs118155273	C	0.0953
rs9907806	C	-0.0891

rs74744301	A	0.0651
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rs71369665	G	-0.0383
rs145543056	T	0.1551
rs17710	T	-0.0331
rs59372725	T	0.0446
rs12601443	C	-0.1113
rs62068848	C	0.0404
rs11079957	T	-0.048
rs62062524	C	-0.0325
rs9303510	A	0.0261
rs61758028	G	-0.0664
rs6503496	C	-0.081
rs35595363	C	0.1545
rs11077404	A	0.0311
rs112348361	G	-0.1152
rs117940828	C	0.1991
rs73974645	A	-0.1285
rs113548008	A	-0.1045
rs144508531	T	-0.1469
rs79207839	T	0.1273
rs1532749	A	0.0538
rs9892959	G	0.0837
rs3786102	A	0.0315
rs142939791	A	-0.0682
rs144198596	T	-0.1191
rs12150371	G	-0.0653
rs236525	C	0.0279
rs12603036	T	0.0358
rs7208244	T	0.0293
rs111369349	A	0.0789
rs12948390	C	0.0487
rs7210915	C	0.0235
rs117463276	T	0.092
rs56192323	T	-0.0917
rs61753102	A	0.1417
rs57508443	C	0.0377
rs138244195	G	-0.1137
rs146871023	A	-0.1052
rs77788327	C	0.2076
rs390589	T	-0.0459
rs146101836	A	-0.1414
rs34804551	G	-0.1256
rs2644707	A	0.1282
rs34759637	A	-0.1443
rs56217813	T	-0.1644
rs118174517	A	-0.1786

rs72827096	A	0.0868
rs72850106	A	0.0705
rs72852216	G	0.0304
rs72831252	C	0.0662
rs8074097	A	-0.026
rs73338811	T	0.0652
rs667233	G	-0.0306
rs3794714	A	0.0326
rs117488696	T	-0.065
rs72841443	A	0.0511
rs4924974	A	0.1476
rs76377723	C	0.069
rs145222242	T	0.1015
rs113399245	A	0.1604
rs117161176	C	-0.0818
rs75962094	T	0.0583
rs67143796	C	0.1138
rs76201407	C	-0.0955
rs12944983	C	0.0283
rs9896435	T	-0.1384
rs117543116	C	0.0992
rs34250950	C	-0.0679
rs117278345	T	0.0795
rs117417725	T	0.1514
rs79232103	T	0.0731
rs10515099	A	0.0289
rs4555197	G	-0.0317
rs117755414	A	-0.125
rs73298862	C	0.0556
rs6502800	A	0.0965
rs112955894	G	-0.1276
rs35540785	T	-0.0863
rs62062359	T	0.0301
rs17625073	T	0.0306
rs6504215	T	-0.0359
rs141023888	T	0.1095
rs111236642	T	0.0944
rs62621831	A	0.0565
rs78076914	T	0.0438
rs79846181	C	0.0439
rs17804611	C	0.087
rs1420803	T	-0.0236
rs75158606	T	-0.0982
rs4794715	C	-0.0257
rs9912936	G	-0.0215
rs74791161	C	0.0767
rs113077881	T	-0.136

rs2411153	G	0.0253
rs116976555	G	-0.0866
rs113614047	A	0.0337
rs117232197	G	-0.0845
rs11650704	C	0.0597
rs16955632	T	0.1473
rs112489646	G	-0.1169
rs199496	A	-0.048
rs75290103	T	-0.0704
rs118005818	G	0.0768
rs117362920	C	-0.1408
rs199146	T	0.0367
rs147129491	T	-0.091
rs78882993	T	0.0883
rs62074362	T	0.096
rs1114532	C	0.0229
rs149830096	A	0.0952
rs4054866	G	0.0234
rs9303616	G	0.023
rs117407921	G	-0.0936
rs68007436	A	0.0374
rs62071580	A	0.0844
rs17621546	G	0.0905
rs11868894	C	0.0285
rs59040440	G	0.035
rs75708547	A	-0.0579
rs6504930	C	0.0412
rs55728731	A	0.1324
rs116527475	T	0.0948
rs78645527	C	0.1628
rs754639	A	-0.0504
rs72829504	T	-0.2572
rs117583179	A	-0.177
rs145583729	C	-0.0725
rs1859933	T	0.03
rs9906327	C	0.0226
rs117296695	C	0.089
rs78746738	T	-0.0748
rs74401893	C	0.1835
rs73380861	A	-0.0565
rs2958919	C	-0.0342
rs6504959	T	-0.0223
rs71385924	T	-0.0841
rs72848124	T	0.1027
rs7217735	G	-0.0254
rs145228997	A	-0.1578
rs12051600	G	-0.0367

rs225185	C	0.0342
rs12938395	T	-0.0258
rs141964250	C	-0.1563
rs35250332	A	0.0996
rs317387	A	-0.037
rs62069566	C	0.1066
rs144631292	T	-0.1386
rs35837030	C	0.0363
rs8069150	T	-0.1213
rs117753860	A	-0.1682
rs111968713	A	-0.0695
rs118039108	G	0.0338
rs80094834	C	0.0895
rs12603060	A	-0.0269
rs138132626	T	-0.0599
rs58203906	A	0.0379
rs78336490	T	0.0528
rs143800938	A	-0.1776
rs4792208	T	-0.0544
rs12450969	A	0.0362
rs931795	A	0.0633
rs2197240	C	-0.0236
rs12453107	G	-0.0227
rs753514	T	0.0489
rs4795881	T	0.0399
rs34216592	A	-0.0462
rs77575614	A	0.1361
rs75097049	T	0.052
rs149073675	C	0.0707
rs6501415	G	0.0271
rs17679115	A	-0.0838
rs76442168	A	0.0492
rs7222104	G	0.0241
rs72848293	A	0.0751
rs113316833	T	0.057
rs1877645	T	-0.0238
rs2159122	T	-0.0254
rs75019737	A	0.1205
rs144966680	C	-0.1733
rs57952858	G	-0.0668
rs11653193	C	-0.1098
rs12451286	A	-0.0282
rs11658283	T	0.0593
rs757022	G	-0.0278
rs112855463	T	-0.0676
rs16958320	T	0.0231
rs117982112	T	0.167

rs4789981	A	0.0232
rs743646	C	-0.0454
rs8080886	G	0.0333
rs9892301	T	-0.0683
rs8074674	A	-0.0379
rs2107132	C	-0.0301
rs71368581	A	0.0392
rs72826265	G	0.0553
rs75376718	A	-0.1364
rs2661601	A	0.0519
rs137987886	A	0.1465
rs35524093	G	0.0222
rs62069151	A	0.0448
rs4148405	G	-0.0326
rs117963063	C	0.146
rs10073	C	-0.0326
rs80063615	G	-0.0481
rs8080747	C	-0.0223
rs12953216	A	0.0529
rs36007920	A	-0.0275
rs9911362	A	-0.0252
rs35596313	C	-0.0235
rs117842166	A	0.0759
rs143980810	A	-0.1126
rs11868943	G	0.0251
rs17732024	T	-0.0357
rs57664724	A	0.1824
rs76896815	G	-0.0476
rs79786033	T	0.0605
rs9892577	C	-0.027
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rs60894380	T	-0.0297
rs56794927	G	0.0439
rs7217041	C	0.0609
rs9914547	A	-0.0308
rs72886994	G	0.0738
rs1132114	G	-0.0276
rs62063127	A	-0.1062
rs9898902	A	0.0236
rs9902896	G	0.0688
rs8070004	A	0.0308
rs12942019	A	-0.0251
rs2671663	A	0.0275
rs148650969	A	-0.1388
rs143059129	T	0.0966
rs9894768	T	0.0757
rs8070481	T	0.0218

rs117846479	T	-0.1108
rs894669	T	0.0247
rs79870576	T	-0.1204
rs7213992	T	-0.0395
rs34397155	A	0.0744
rs3859193	A	-0.0227
rs78135460	A	-0.1264
rs34392252	T	0.0241
rs17848956	C	0.044
rs12150069	C	-0.0412
rs34476531	G	0.0785
rs115785832	G	-0.0575
rs139095933	A	0.1051
rs11651183	A	0.0281
rs75193889	G	-0.0491
rs8080416	C	0.0268
rs7220903	C	0.0866
rs17647731	C	0.0995
rs76536586	A	0.0485
rs149390120	A	-0.0816
rs78552757	T	-0.0854
rs2256020	C	0.0266
rs4622541	T	0.0569
rs75292794	G	0.0982
rs147351948	T	-0.174
rs4788995	T	0.0235
rs117178009	G	-0.1049
rs1076399	G	-0.0249
rs1110491	T	0.0355
rs4791206	A	0.0512
rs4789549	C	-0.0525
rs117097051	A	-0.1631
rs4366773	T	-0.0464
rs548795	C	-0.105
rs66851854	G	0.0396
rs72820637	A	0.0507
rs4791580	C	0.1175
rs116877766	T	0.1516
rs12150494	T	0.0546
rs76160849	A	0.1004
rs117462365	T	-0.0696
rs117004818	T	0.1555
rs73408686	C	-0.0238
rs76187514	A	0.1121
rs11654974	A	0.0308
rs2099971	T	-0.0396
rs9910716	C	0.0579

rs80005241	A	0.1372
rs2706661	G	0.0604
rs71366201	G	0.0611
rs11658979	G	0.0279
rs7220992	G	0.0218
rs11657345	T	0.0218
rs11655361	A	0.0531
rs57491051	C	0.1248
rs78484873	C	0.0916
rs2323466	T	-0.0587
rs17721992	C	-0.1754
rs72837153	C	-0.0978
rs1009728	C	-0.0255
rs2586240	T	-0.0238
rs112145574	G	-0.0964
rs4792739	C	0.1119
rs77320578	T	0.0502
rs11078732	T	-0.0219
rs12451319	T	0.022
rs62065866	T	-0.0746
rs9783811	G	-0.0328
rs118136269	A	-0.1547
rs145278785	A	0.089
rs13380807	G	0.0978
rs9302900	C	0.0241
rs117375689	G	-0.0628
rs7406123	A	-0.0423
rs3809719	G	0.0848
rs906422	T	-0.0297
rs161370	G	0.0254
rs138219461	A	0.0823
rs3843246	C	-0.0484
rs114469358	C	0.0337
rs72832099	A	0.1591
rs72846354	C	-0.0428
rs79448557	C	-0.0928
rs138087118	T	0.1101
rs62077109	T	-0.0521
rs76427467	A	0.1305
rs149657869	C	0.1159
rs16945325	T	0.0492
rs138824620	T	0.0761
rs16943861	T	0.028
rs11655431	C	0.0324
rs147513995	G	0.1366
rs72819123	T	0.1027
rs62089718	G	0.0581

rs9889820	A	0.022
rs17206871	G	0.0531
rs74359781	A	0.0911
rs73345528	T	-0.0752
rs471943	C	0.0759
rs117886541	C	0.1822
rs60970041	G	0.1507
rs7219981	A	0.0265
rs2270228	T	0.0463
rs11650141	G	-0.036
rs740395	G	-0.025
rs1457820	G	-0.0312
rs9908627	T	0.0529
rs1034840	G	-0.0372
rs4600523	T	-0.0239
rs35653922	C	-0.0488
rs75023614	C	-0.0605
rs797993	A	0.0243
rs6504314	T	0.04
rs3785993	T	-0.0264
rs62058061	T	0.1138
rs75212854	G	-0.1462
rs78864337	A	-0.1406
rs4793297	A	-0.0254
rs9905464	C	-0.0565
rs35532197	A	-0.1283
rs11870241	A	-0.024
rs117181637	A	0.1448
rs12451683	T	0.0467
rs17804092	T	-0.0351
rs9898746	C	-0.0608
rs12602968	A	-0.0745
rs2779188	T	-0.027
rs4006798	A	0.0498
rs4541139	G	0.0421
rs10451281	G	-0.0392
rs11868481	A	-0.0536
rs77449990	C	-0.0789
rs117349326	T	0.136
rs145531313	G	0.1132
rs77688102	A	-0.1276
rs280043	C	0.0257
rs17681776	C	0.0869
rs34255910	C	0.0423
rs150478988	T	0.1054
rs73999319	C	0.061
rs140529142	A	-0.1224

rs8068747	T	-0.0239
rs3091328	G	0.022
rs9895468	C	-0.023
rs8081475	A	-0.0458
rs11867599	T	0.0725
rs76338997	A	-0.0449
rs620562	T	-0.0253
rs12951350	G	-0.0341
rs6501659	T	0.0442
rs847695	T	0.0242
rs17820808	C	0.0415
rs117789338	A	-0.1444
rs7220482	T	0.0254
rs139217380	C	0.1365
rs2706682	G	-0.0596
rs71375716	A	-0.0865
rs2672887	T	-0.0224
rs3885020	A	-0.043
rs62070064	A	-0.1065
rs4796805	C	0.0233
rs72868939	A	0.18
rs1304660	C	-0.0233
rs117983822	G	0.102
rs9303041	T	-0.0288
rs79448911	T	0.127
rs113364399	A	0.0579
rs8067789	G	-0.0267
rs111881544	A	0.0935
rs7219315	A	-0.0206
rs117419776	T	0.1001
rs56112292	A	0.0835
rs16945729	T	-0.0346
rs595306	T	-0.0384
rs7221052	A	0.0241
rs76415179	C	-0.0847
rs73338112	G	0.063
rs9914151	C	-0.0208
rs12947428	C	-0.0406
rs17600516	A	0.0585
rs74810901	A	0.0505
rs72839759	T	-0.0754
rs67391512	T	0.0404
rs12601956	A	0.0378
rs2127994	T	0.0618
rs147214221	A	0.1493
rs11656082	C	0.022
rs2313146	T	0.0287

rs56314182	T	-0.0312
rs3110569	T	0.1343
rs79376923	A	-0.0453
rs55931340	T	-0.0587
rs113688928	T	0.0546
rs12601313	C	0.0294
rs315490	G	-0.0258
rs117691053	A	0.0925
rs4416078	A	0.0226
rs72849306	A	-0.032
rs74000000	T	-0.1174
rs17548645	T	0.0422
rs140608974	T	-0.1235
rs17809663	A	0.035
rs11651772	C	-0.0574
rs79421907	A	-0.0557
rs76027845	A	0.0866
rs2779256	G	0.0243
rs62065901	G	0.075
rs73973274	C	0.0784
rs71366199	G	0.0454
rs2191228	C	-0.0774
rs28365846	A	-0.1407
rs72840229	T	0.0674
rs4791530	C	-0.0215
rs62075826	G	-0.0748
rs56994118	C	0.0275
rs72812610	C	-0.0367
rs146461922	T	-0.1198
rs74982506	A	0.0444
rs148855419	G	0.1898
rs79454566	A	-0.0745
rs12940247	G	-0.0336
rs4451997	G	0.0209
rs16970025	T	-0.0238
rs9916149	C	-0.0264
rs11651006	T	0.0456
rs11871524	A	-0.1357
rs7208679	C	0.0375
rs67866552	C	-0.0761
rs117467633	T	-0.0691
rs2877809	G	-0.0281
rs17772608	C	0.0419
rs12936230	G	-0.0243
rs7225732	A	0.0877
rs34062186	C	0.0342
rs62061692	T	-0.1012

rs34036967	A	0.0437
rs12943564	A	0.0257
rs1177962	T	-0.0287
rs2131048	A	0.0299
rs675916	A	0.0552
rs150159805	A	-0.0735
rs9907366	G	0.0761
rs9895413	T	0.0405
rs72832428	C	0.137
rs150018646	T	0.127
rs74579703	T	0.1224
rs146158647	C	0.1038
rs477031	C	0.0441
rs137901287	T	0.1469
rs11080170	T	-0.0305
rs9914139	A	0.0226
rs4790732	C	0.0282
rs117300852	T	0.0909
rs35276234	A	-0.1409
rs35667337	C	-0.1122
rs9905515	C	-0.0277
rs147134846	G	-0.0815
rs111357160	T	0.035
rs12945571	A	-0.0233
rs62058070	G	0.1369
rs58794808	T	0.0225
rs12952731	G	0.0313
rs78914238	C	-0.0638
rs62061168	A	0.0275
rs76525880	T	0.0391
rs16969774	G	-0.0429
rs7220520	C	0.0258
rs147293039	A	0.0909
rs7501817	T	0.0289
rs117332412	C	-0.1463
rs139246813	A	-0.1081
rs76645480	T	0.0744
rs78496972	T	-0.0293
rs12452654	G	-0.0692
rs11869206	C	-0.0501
rs4796485	C	0.0239
rs8082056	C	-0.0303
rs4239169	T	-0.0219
rs9908823	T	0.0416
rs75350494	A	0.0537
rs74970574	A	-0.139
rs12948729	A	-0.1276

rs9910060	T	0.0308
rs35906052	A	-0.0961
rs79095053	A	-0.051
rs151292385	C	0.165
rs17833884	C	-0.0363
rs8067387	A	0.029
rs144701507	T	-0.1321
rs10840	A	0.0358
rs78529706	G	0.1153
rs7350932	T	-0.0206
rs9894841	C	0.0223
rs4424950	C	-0.0289
rs71360295	G	-0.0395
rs148318977	T	-0.1752
rs117525535	G	0.0724
rs55930786	G	0.0953
rs10853017	C	-0.0347
rs740558	G	-0.0301
rs139388911	A	-0.0794
rs55811005	A	0.1892
rs34594369	T	-0.0239
rs72846201	G	0.0819
rs72849701	A	-0.0405
rs11080290	A	-0.0262
rs768624	C	0.0225
rs117503517	T	0.1004
rs146048026	T	-0.0996
rs4791450	A	-0.0978
rs9906473	A	-0.0236
rs4517852	T	-0.0305
rs9891815	A	0.0722
rs7208260	C	0.0407
rs116875773	A	0.0937
rs117341962	C	-0.112
rs143828168	T	-0.1004
rs73286795	A	-0.0349
rs75404486	G	-0.0849
rs12939928	G	-0.0704
rs324075	G	-0.0331
rs80168221	T	0.0635
rs3744045	G	0.0722
rs4789892	T	0.0283
rs117500794	C	-0.1104
rs74491716	A	0.0649
rs16968745	C	-0.0306
rs77283009	T	0.0598
rs61759657	T	-0.0604

rs12942257	C	-0.0501
rs225206	T	0.0204
rs2412159	T	-0.0234
rs74723537	T	0.0529
rs925615	G	-0.0387
rs7213878	C	-0.0444
rs965215	A	-0.0266
rs147616781	A	0.0217
rs117741449	T	0.147
rs6505107	A	-0.0467
rs76222695	G	0.104
rs62072713	C	-0.0223
rs11654554	G	-0.0448
rs4789915	G	0.0541
rs12601151	G	0.0496
rs12941141	C	0.0654
rs143672743	C	-0.052
rs4247113	T	0.0468
rs8078631	T	0.0363
rs112029254	A	-0.1423
rs9898797	G	0.0255
rs75009751	G	-0.1176
rs12943724	T	-0.0314
rs11650828	C	0.1025
rs113395372	T	-0.0675
rs77426760	A	0.0505
rs8074809	A	-0.0244
rs9747557	G	0.0228
rs35687304	A	0.0832
rs55892624	C	0.0268
rs216455	T	-0.0218
rs17781949	C	-0.0302
rs12937453	A	-0.0292
rs117139505	A	0.0889
rs150982700	T	0.1286
rs13342029	G	-0.0296
rs117103440	A	0.0794
rs77084481	C	-0.0967
rs116959661	C	0.1308
rs76237288	G	-0.1016
rs2322858	T	0.0305
rs16976574	G	0.1009
rs140126971	A	-0.0753
rs34734117	A	0.0486
rs9898593	T	0.0459
rs147638061	T	-0.1036
rs12150444	C	0.0379

rs117978438	A	-0.0901
rs75085064	C	0.0966
rs112935779	A	0.1169
rs74578441	A	-0.1109
rs10491111	A	0.041
rs114815795	G	-0.0943
rs72846329	A	0.0254
rs75669369	G	-0.0267
rs12945211	C	0.0476
rs7222770	G	0.0496
rs55805524	T	-0.0379
rs72844816	G	0.1106
rs62063642	T	-0.0223
rs6504338	C	-0.0222
rs12950509	G	0.0321
rs2671683	T	-0.0353
rs62080890	T	0.1206
rs2332263	A	0.0238
rs145906234	T	0.138
rs12940728	T	-0.0248
rs144618566	T	-0.1126
rs76108620	A	0.0431
rs78352452	A	0.0553
rs76317988	T	0.0869
rs78591747	G	-0.0916
rs1472180	A	0.0247
rs6503016	C	0.0231
rs7207466	C	0.0231
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rs4461115	C	-0.0314
rs112979152	C	0.0942
rs144829468	A	0.0988
rs322197	G	-0.0259
rs12951654	T	0.0208
rs34609776	A	0.0213
rs141372926	T	0.1717
rs146951351	A	-0.092
rs77976223	A	0.0295
rs3803800	A	-0.0247
rs314254	T	-0.0325
rs75583996	G	0.0535
rs79177936	T	0.0905
rs35359504	G	-0.0251
rs73273277	T	0.0246
rs12449795	T	-0.0282
rs145739808	A	0.1114
rs7222348	C	0.0399

rs139857312	G	0.1567
rs141975149	T	0.0843
rs9903496	G	0.026
rs117689766	C	-0.1185
rs73284773	A	-0.0428
rs956984	G	-0.0345
rs60865756	A	-0.1233
rs139330487	T	-0.1319
rs72637323	A	0.1191
rs117819658	T	-0.0731
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rs9797146	T	-0.0303
rs62066362	G	-0.145
rs218684	T	-0.1075
rs34121330	T	-0.027
rs112619413	G	-0.0474
rs242244	G	0.0366
rs62079142	A	-0.0632
rs59155213	A	0.0211
rs141570579	G	0.109
rs56381634	G	-0.0382
rs150352158	A	-0.0973
rs116953998	A	-0.0915
rs4148413	G	0.0284
rs4924949	A	0.0279
rs8064414	A	-0.0424
rs3848445	C	-0.0525
rs9892617	T	0.0201
rs150426521	T	0.1353
rs77408475	T	0.063
rs8065836	A	-0.0205
rs7214073	C	-0.0251
rs117067616	G	0.1917
rs148143047	G	0.1201
rs12450297	G	0.0308
rs28498113	C	0.0208
rs11078523	C	-0.0211
rs7214863	C	0.0235
rs148188587	A	0.0976
rs9901658	A	-0.1087
rs918080	A	0.0251
rs118153439	A	0.0383
rs74833757	C	-0.0363
rs16954357	T	-0.0375
rs58813009	C	0.0408
rs10491130	A	0.0363

rs925616	T	-0.0214
rs146388015	G	0.0891
rs147554077	T	0.0639
rs117520267	A	-0.1173
rs12449588	G	-0.023
rs146560884	C	-0.0684
rs2320230	G	-0.0358
rs72849639	A	-0.1031
rs8069303	G	0.0925
rs78514368	G	0.0572
rs62072224	A	-0.0451
rs1105813	A	0.0343
rs78195747	A	0.0626
rs17683844	C	-0.0259
rs76731851	G	-0.0503
rs757075	A	-0.0628
rs2586048	G	0.02
rs1698225	C	-0.0702
rs10221275	T	-0.0412
rs117387059	C	0.1157
rs148098720	T	0.1063
rs9911541	C	0.0318
rs12941396	A	0.0475
rs72841770	C	-0.0448
rs77022455	A	-0.0357
rs77290713	C	0.096
rs71372399	A	0.0704
rs199140	G	-0.0323
rs2429931	G	0.0976
rs12232511	G	-0.0327
rs78553021	C	0.1007
rs72830475	G	-0.0406
rs62084940	C	0.027
rs1089800	G	0.0207
rs146018916	T	-0.1519
rs4889994	C	0.0328
rs72841430	G	0.0876
rs12450346	T	-0.0335
rs74875553	C	-0.1762
rs112657887	A	0.1099
rs9903623	G	0.0318
rs71381430	A	0.0225
rs62085026	A	-0.1369
rs7216737	T	0.0307
rs72827494	T	0.0474
rs1881138	C	-0.0205
rs9895586	C	-0.0222

rs12948091	A	-0.0774
rs72859227	A	0.1
rs12937033	C	0.0629
rs8065435	A	0.0216
rs1996631	T	-0.0325
rs75948927	C	0.1458
rs72831233	T	-0.0355
rs7225873	T	-0.0426
rs118039212	T	-0.0723
rs62072878	A	-0.0305
rs9904724	A	0.022
rs145855873	G	-0.1487
rs34021262	C	-0.0572
rs113294055	T	0.0561
rs16975150	C	0.041
rs4789644	A	0.0534
rs8064961	T	-0.137
rs8068641	G	0.0347
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rs12943223	G	0.0213
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rs17138522	G	-0.051
rs12602590	T	-0.0691
rs62063886	T	0.0915
rs4795507	T	0.0646
rs77449141	A	-0.0549
rs3744371	C	0.0207
rs143712817	A	-0.117
rs35643020	T	0.0225
rs75969126	T	0.1028
rs75795164	G	0.1386
rs12452993	C	0.0463
rs74251463	C	-0.0459
rs6259	A	0.0295
rs117430623	A	0.0967
rs56184661	T	-0.0295
rs8068703	A	0.0977
rs2286515	A	-0.048
rs75799830	T	-0.0723
rs116972558	T	-0.089
rs35015687	C	-0.0397
rs148731719	A	-0.0686
rs13342692	C	-0.0951
rs74668668	T	-0.0915
rs9900660	C	-0.1131

rs12601252	A	0.0436
rs80313334	T	-0.0596
rs7212582	A	0.0293
rs35782948	C	0.1128
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rs236584	A	0.0262
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rs11651939	C	0.0203
rs145752565	A	-0.2115
rs11077586	C	0.0251
rs16955309	A	0.0518
rs12602751	A	-0.0206
rs28698781	G	0.0288
rs34212119	A	-0.0322
rs6503815	G	-0.0231
rs12937771	T	-0.0388
rs12949974	C	0.0342
rs76964448	T	-0.1359
rs17741011	C	-0.0513
rs7209365	G	0.0234
rs9891941	A	-0.0336
rs72817398	T	0.0371
rs28386961	A	0.021
rs75792852	A	0.1731
rs8834	C	-0.026
rs11870749	C	0.0276
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rs140452879	C	0.0952
rs35628368	T	-0.123
rs1014774	G	-0.0292
rs9906089	A	0.0387
rs71381356	C	-0.0489
rs72824813	G	-0.0364
rs79785774	A	0.0808
rs112005971	A	0.0458
rs482529	A	0.0249
rs145028185	T	0.0599
rs68015079	A	0.0391
rs112317149	T	-0.0298
rs77048878	A	0.0595
rs143400180	T	0.1018
rs1801761	T	-0.1531
rs9909068	G	-0.0285
rs9906940	T	-0.0355
rs138390237	C	-0.0977
rs139643273	T	0.1278
rs6504955	A	-0.0197

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rs72828169	T	0.1544
rs17181466	C	-0.039
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rs56205527	T	-0.0223
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rs118109172	A	0.0683
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rs67713242	C	-0.0254
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rs34909197	C	-0.0241
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rs75657362	T	-0.1234
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rs76943668	T	-0.0925
rs117958166	T	0.0944
rs907948	G	0.0215
rs55637064	G	0.0439
rs77347192	G	0.109
rs75896404	A	-0.0403
rs16949449	T	0.0528
rs148167439	A	0.1189
rs11077912	C	-0.0342
rs140670560	A	0.1084
rs76210604	T	-0.1107
rs12939116	G	-0.0207
rs12940567	G	0.0197
rs139148737	G	-0.0897
rs11656128	T	0.0269
rs62067002	A	0.0846
rs34410992	T	-0.1585
rs77462363	T	0.0456
rs55718314	A	-0.0247
rs2109178	A	0.0958

rs2612753	T	0.0266
rs74742081	T	-0.0551
rs3785466	T	-0.0388
rs757060	T	0.0479
rs3178300	C	-0.0216
rs115930978	G	0.0676
rs11653920	T	-0.0219
rs12948496	A	0.0811
rs62086354	T	-0.0526
rs68138326	G	-0.0513
rs77042501	T	-0.162
rs7223154	A	0.0539
rs7207490	G	0.0199
rs2898655	T	-0.0427
rs2873468	T	0.0663
rs75280411	A	-0.0822
rs148144957	C	0.1238
rs34841611	A	0.0288
rs317325	T	0.025
rs157404	C	-0.0205
rs4789581	G	-0.03
rs12601161	T	0.0671
rs9913698	C	-0.0271
rs76516290	T	0.0714
rs12602763	T	-0.0197
rs143128771	G	0.1254
rs28447581	T	0.1401
rs11650597	T	0.0235
rs12450778	A	0.0558
rs17591972	G	0.0449
rs145930897	T	0.1376
rs11654480	T	-0.0364
rs140037375	C	-0.1602
rs56901260	G	0.1095
rs11655226	A	0.0204
rs9898837	C	-0.0284
rs8064833	C	-0.0373
rs16942354	G	0.0831
rs73326393	C	0.0382
rs2620069	C	-0.021
rs79983436	T	0.0753
rs78314089	A	0.0561
rs79086207	A	0.057
rs2341310	A	-0.0262
rs7215784	T	-0.0229
rs77172773	C	0.0403
rs78986329	T	0.0745

rs76687793	C	-0.1056
rs150375417	C	0.0852
rs790092	C	0.0235
rs16947392	G	0.0324
rs8078274	T	0.0332
rs56203833	A	0.0259
rs9630726	G	0.022
rs138552145	A	-0.1546
rs117964409	T	0.1504
rs72834650	A	-0.1114
rs117545724	T	0.081
rs17781867	C	-0.0424
rs11652617	A	-0.0522
rs445683	T	0.0214
rs61456029	T	0.0569
rs78842505	T	0.1087
rs2344336	G	0.0272
rs2452918	C	0.0277
rs146818217	T	-0.1483
rs78959570	C	-0.0432
rs12945425	G	-0.0646
rs150641787	A	0.1225
rs7501761	T	-0.0323
rs79629076	A	0.0833
rs75726242	C	-0.072
rs12449542	C	-0.0366
rs11871670	A	0.0329
rs117790891	A	-0.1136
rs112521998	A	0.0725
rs112732792	A	0.1387
rs878119	G	-0.0294
rs7213364	T	-0.0601
rs117285791	A	-0.0709
rs71371418	T	0.039
rs36109880	G	0.0818
rs36080394	T	0.146
rs150565342	C	0.0793
rs4792213	A	0.0458
rs117171461	A	0.0972
rs4792597	A	0.0298
rs9903393	G	0.0267
rs11650650	A	0.0257
rs138923390	C	-0.0926
rs79193518	G	0.081
rs11869470	T	0.0193
rs494310	A	0.112
rs9892044	A	-0.0229

rs142937051	G	0.0855
rs117532250	A	0.1642
rs74338914	T	0.0609
rs17821691	T	-0.0238
rs79133278	A	0.0338
rs149224880	T	-0.0682
rs61495339	C	0.0361
rs72838410	A	0.1069
rs4239214	A	0.0313
rs78263131	T	0.1413
rs2535609	G	-0.0231
rs11568581	A	-0.0574
rs171509	A	-0.0239
rs9909857	T	0.1104
rs72856017	A	0.0777
rs8067465	A	0.054
rs78299233	G	0.0332
rs146248069	A	-0.0402
rs11079151	A	-0.019
rs111262624	G	0.0528
rs6416961	A	-0.0702
rs113162403	T	0.0317
rs56241521	A	-0.0332
rs35882307	C	0.0396
rs2934914	T	0.0377
rs112058867	A	0.0791
rs2452914	A	0.0447
rs117679416	A	-0.1132
rs8080307	A	0.0353
rs34185510	A	-0.0552
rs10438743	A	0.0411
rs72845820	A	0.0837
rs34697307	C	-0.0218
rs11871409	T	0.0254
rs35701443	T	-0.0299
rs72896206	G	-0.0845
rs139492487	C	0.1027
rs740664	G	-0.0199
rs6504480	A	-0.0667
rs75375654	T	-0.0508
rs149954084	T	-0.0737
rs28799053	G	-0.0347
rs4790151	A	-0.021
rs112785478	T	0.0505
rs2524300	G	0.019
rs71366155	T	-0.0541
rs4789506	T	-0.0299

rs3138032	A	-0.0389
rs2058129	A	-0.1683
rs7211089	A	-0.0191
rs62066495	A	0.0335
rs4792867	T	0.0211
rs79950710	T	0.138
rs11870887	T	0.0605
rs148473958	G	-0.1301
rs11870566	T	-0.0582
rs78248867	T	0.0721
rs79607716	A	0.0734
rs35408797	A	-0.0438
rs79003316	A	0.0948
rs138228676	T	-0.1381
rs11654583	C	-0.046
rs72809193	T	0.0576
rs151329924	C	-0.0295
rs4889782	C	0.0194
rs7207332	G	-0.0228
rs2098084	A	-0.0468
rs35035542	A	-0.0858
rs6502139	G	-0.0273
rs72850708	A	0.0306
rs61277217	G	0.0212
rs140686227	T	-0.2426
rs9904252	G	-0.0472
rs117872393	A	0.0662
rs12709439	T	-0.1775
rs9303032	G	-0.0285
rs6504151	T	-0.0364
rs62071072	T	-0.1007
rs4792938	C	0.021
rs59719992	T	-0.0252
rs7210634	T	-0.0828
rs9907104	T	-0.0517
rs758152	C	-0.0257
rs2190626	A	-0.0193
rs9894443	T	-0.0192
rs78500787	C	-0.0797
rs148337135	G	-0.1225
rs4517834	G	0.0438
rs4567763	G	-0.0252
rs185677	C	-0.0259
rs12602575	C	0.0556
rs117911671	T	-0.1429
rs76015754	G	-0.0299
rs74412058	T	0.1539

rs118091257	T	-0.0571
rs113644060	G	0.0657
rs76044434	T	0.0276
rs62071132	G	-0.0192
rs73265277	T	0.0774
rs11658440	C	-0.0219
rs35013359	G	0.022
rs12938214	A	0.0413
rs72853344	A	0.027
rs113069857	C	0.0834
rs1003916	T	-0.0261
rs76201168	G	-0.1092
rs11651880	T	-0.0185
rs35625124	A	-0.0235
rs117824782	A	0.1526
rs112300280	T	-0.1321
rs76415785	A	-0.0741
rs75522336	C	0.0507
rs8074746	A	0.0365
rs11650308	T	0.0864
rs78337941	A	0.0626
rs147979122	A	-0.1045
rs4505390	A	-0.0201
rs145558065	C	0.1111
rs80160464	T	0.1296
rs903102	G	0.0262
rs79260661	A	0.0839
rs117400621	G	0.1129
rs77690308	A	-0.0626
rs4790391	C	-0.0437
rs1057123	T	-0.0921
rs11080094	C	0.0197
rs2277617	G	-0.0217
rs111232296	G	-0.03
rs111366571	G	-0.0259
rs11080209	G	0.0223
rs17655792	C	0.057
rs28570375	G	-0.0541
rs112708226	T	0.1312
rs9899708	A	0.1278
rs35042136	C	0.0196
rs72809394	G	-0.056
rs147575883	T	0.0812
rs9910232	G	0.0192
rs4794582	A	-0.027
rs8076244	T	-0.0268
rs8123	G	-0.0235

rs4792148	T	0.0208
rs9916229	C	0.018
rs79854202	A	-0.0579
rs12938456	A	-0.0273
rs28635001	T	-0.0356
rs11656514	T	0.0318
rs75415544	T	0.1213
rs78165269	C	-0.0213
rs74438024	A	-0.0668
rs62066569	A	0.0328
rs62078489	G	0.0768
rs7207877	A	-0.0417
rs142007538	A	0.0485
rs11657661	T	0.0262
rs3744531	T	0.04
rs57460926	G	-0.0346
rs71379422	G	0.0627
rs72834517	G	0.1234
rs2077590	G	0.0204
rs56097137	C	-0.0759
rs56066519	A	0.0218
rs73997920	T	-0.1925
rs112526656	T	-0.0584
rs9913342	T	-0.0251
rs11570507	A	-0.0502
rs62063614	C	-0.0412
rs117333996	T	0.0732
rs10521269	G	0.025
rs80064478	G	0.0426
rs2290065	A	-0.0501
rs150435316	A	0.1215
rs11658697	A	0.0913
rs117924121	C	0.083
rs76743965	T	0.1057
rs140450946	C	-0.1141
rs2260717	A	0.0231
rs34809908	A	0.0372
rs17879386	A	-0.0763
rs1991680	G	-0.0204
rs2214259	T	0.0653
rs9916185	A	0.1074
rs8078991	G	0.1088
rs78702317	G	0.0662
rs112117550	G	0.1207
rs11653674	T	0.04
rs8082551	T	0.0462
rs141847935	A	-0.0902

rs7218448	G	0.032
rs35714695	A	-0.0243
rs7218399	T	-0.0321
rs12936441	A	-0.0362
rs75560844	C	-0.0478
rs149990196	A	-0.0948
rs117385130	C	0.1134
rs8075082	G	0.0209
rs36080800	C	0.0226
rs139297547	T	-0.0863
rs115865259	G	-0.1138
rs10871508	C	-0.0242
rs8079983	G	0.0201
rs74783836	T	-0.0723
rs76299544	T	-0.035
rs58765829	T	-0.1333
rs2317467	A	-0.03
rs9904211	C	-0.0194
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rs4556838	C	-0.0179
rs3093718	A	-0.106
rs55784846	T	0.1144
rs2364323	T	0.0789
rs78888796	A	-0.0569
rs17705982	C	-0.1179
rs117788842	G	-0.0782
rs116933867	C	-0.0925
rs117469153	A	0.1346
rs72822935	T	-0.0746
rs7214258	G	-0.026
rs920941	C	-0.0197
rs17691723	A	0.057
rs78296301	T	-0.028
rs218693	C	0.018
rs2215290	T	-0.0304
rs16977337	C	-0.0286
rs147804221	T	0.087
rs111625815	G	0.0282
rs9915423	G	-0.0334
rs74619376	T	0.039
rs4791460	A	0.0958
rs982985	C	-0.0213
rs4969245	C	-0.0218
rs148937454	T	0.1197
rs2107438	C	0.0244
rs4077127	G	0.0227

rs138884830	G	-0.0795
rs67824129	G	0.0281
rs9897438	A	0.0681
rs79986813	A	0.107
rs117340325	C	-0.077
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rs10083849	T	-0.0328
rs12938695	G	0.0517
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rs78260319	C	-0.0767
rs116897419	A	0.0715
rs11655569	A	0.0224
rs73277100	C	0.0604
rs17791488	G	-0.0875
rs964538	C	-0.0188
rs17221733	C	-0.0336
rs72819670	G	0.1065
rs78889662	A	0.0749
rs9893492	A	-0.195
rs7342970	C	-0.0236
rs117913873	T	-0.0608
rs2663322	T	0.0269
rs147333031	T	-0.1627
rs9912513	C	-0.0228
rs79888654	A	-0.0737
rs9915128	T	-0.0207
rs7221329	T	-0.0394
rs368308	C	-0.0191
rs117189520	G	-0.0893
rs1986145	G	0.0219
rs148027163	A	0.1248
rs4985639	G	0.049
rs4456550	A	0.0398
rs117204320	G	0.0983
rs12453784	G	0.1185
rs9900328	G	-0.0193
rs3786009	C	0.0346
rs11869926	T	-0.0777
rs117640301	A	0.1237
rs16953766	A	0.0701
rs67959066	A	-0.029
rs76044224	T	0.0693
rs2008515	A	-0.0569
rs2954756	C	-0.0319
rs144274616	C	-0.1035
rs1642592	C	0.0236
rs2952281	T	-0.0188

rs79355535	C	-0.1554
rs61075345	G	0.0292
rs61296437	G	-0.0693
rs113730699	A	0.0489
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rs2945535	G	0.0342
rs72810944	C	-0.0533
rs9898557	A	0.0217
rs72856427	A	-0.0739
rs34638589	G	0.0329
rs12944342	T	0.0655
rs12951120	G	0.023
rs11651112	G	-0.0228
rs971430	C	0.0376
rs6502873	T	0.0217
rs72833976	T	0.0346
rs11654995	A	-0.0534
rs11657023	A	-0.0298
rs202594	T	-0.02
rs11657187	A	0.0276
rs10775410	T	0.0184
rs3853830	A	0.0234
rs72825988	A	-0.0936
rs11867843	G	-0.0193
rs12449880	G	-0.028
rs74707512	A	0.0794
rs7221916	G	-0.0786
rs72833069	A	-0.0978
rs117810088	A	0.0636
rs12949493	A	0.0724
rs5019588	G	0.0238
rs150699772	T	-0.1308
rs117077613	T	0.049
rs12452421	G	-0.0264
rs7212815	G	-0.0203
rs77387273	G	0.0658
rs144815852	T	0.0404
rs4075838	G	-0.0298
rs116973805	A	-0.0575
rs74517252	A	0.086
rs752060	T	0.106
rs112340021	A	0.1435
rs9902273	T	-0.0216
rs8072204	T	-0.0208
rs117013264	T	0.0948
rs76065512	T	-0.0727

rs13339673	C	0.0244
rs8072720	T	0.0386
rs8070264	G	0.0186
rs76857789	T	-0.11
rs1139405	G	-0.0235
rs1972453	T	0.0596
rs79525262	A	-0.0788
rs117923446	T	0.106
rs78983579	A	0.1034
rs112950213	G	0.0308
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rs113870902	A	-0.0419
rs2471630	C	0.022
rs885633	T	0.0888
rs67340844	T	-0.0429
rs60866885	G	-0.0321
rs34189505	A	0.0324
rs12451648	A	-0.0751
rs11078258	A	0.0403
rs117140019	T	0.1079
rs72845213	G	0.0452
rs57300638	G	0.0193
rs111725922	T	0.0725
rs4795410	G	-0.0206
rs111472888	T	0.1554
rs72823425	A	0.0228
rs76573593	T	-0.0371
rs73329834	G	-0.0206
rs141647575	C	0.1104
rs72823743	A	0.0361
rs12451898	G	-0.0261
rs1696772	T	0.0397
rs74674317	T	0.0391
rs117209275	C	0.1005
rs114477642	T	-0.0836
rs77143129	A	-0.0286
rs1558207	G	-0.0243
rs34458955	T	0.0497
rs117612730	T	0.0864
rs6504797	C	-0.0196
rs117132087	G	-0.0706
rs1431314	G	0.028
rs3785990	G	-0.0278
rs6502236	T	0.0187
rs11653054	T	0.0593
rs73251875	C	-0.0546
rs34641682	A	-0.0296

rs74896799	A	-0.0483
rs72822772	T	0.1797
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rs8077765	T	-0.0504
rs1124485	G	0.0347
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rs148175793	C	-0.1188
rs72832885	C	0.069
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rs34407362	G	-0.0774
rs145563516	A	-0.032
rs57402164	T	-0.0301
rs149786254	A	-0.0833
rs111666810	C	0.1237
rs8079279	G	0.0211
rs2079749	T	0.0393
rs138168269	A	-0.0667
rs62085865	A	-0.0228
rs113498273	C	0.0687
rs12450261	A	0.0263
rs56138245	C	0.0489
rs75878310	A	-0.1212
rs2662970	T	0.0337
rs112339612	C	-0.0827
rs76405439	T	-0.0249
rs145823814	C	-0.1066
rs79514045	T	-0.0306
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rs62068169	A	-0.0411
rs34488033	G	-0.0777
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rs1983464	T	-0.0187
rs17708194	T	-0.0271
rs12451322	C	-0.0222
rs77528874	A	-0.0582
rs62055346	T	-0.0836
rs78057891	A	0.0897
rs56307755	T	0.0315
rs8071029	T	0.018

rs3794717	G	0.027
rs72827627	T	-0.0595
rs2010208	A	0.0539
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rs12450257	T	-0.0466
rs2036537	G	-0.0174
rs62075158	T	0.0559
rs138986545	A	0.1196
rs4793324	G	0.0273
rs4969140	T	0.0314
rs12944789	G	0.0227
rs11655958	G	-0.0289
rs9895958	A	0.0359
rs35663743	A	0.0871
rs9897052	C	0.0413
rs9891313	C	0.0776
rs142303598	C	-0.1409
rs111858721	T	0.0463
rs7503953	A	-0.0251
rs425309	T	-0.0377
rs74943641	T	-0.0559
rs62076123	C	-0.1268
rs9907710	G	0.0204
rs4793247	G	-0.0264
rs72845219	C	0.0393
rs111571736	C	-0.0521
rs1901997	C	-0.0306
rs8067785	G	-0.0269
rs117855876	T	0.0696
rs62068880	A	0.0375
rs9895412	G	-0.0222
rs1183141	T	0.0333
rs3098946	A	-0.0329
rs148472794	C	0.0711
rs4796604	T	0.0196
rs2332851	T	0.0211
rs11654027	T	-0.0499
rs1024660	G	-0.0196
rs146705997	A	-0.1626
rs1989956	T	0.0347
rs72828670	A	0.0297
rs416544	G	0.0456
rs78904135	A	0.0653
rs113752763	C	-0.1021
rs62057032	T	0.1421
rs2271610	G	-0.0269
rs61738821	T	0.0322

rs147183782	C	0.0299
rs143213085	T	0.0741
rs80320673	T	-0.076
rs72843364	C	-0.0581
rs10454094	A	-0.0362
rs490044	G	0.1136
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rs141345449	T	-0.0614
rs112058601	T	-0.1175
rs7216020	A	-0.038
rs2567535	A	0.0192
rs12944439	C	0.0252
rs117557530	A	-0.0811
rs112423881	C	-0.0536
rs72825077	A	-0.0443
rs75380339	C	-0.0714
rs56325073	C	-0.1478
rs140727729	A	0.1035
rs4287611	G	0.0302
rs3928278	T	-0.0753
rs7407026	T	-0.0222
rs12939901	T	-0.0511
rs271658	G	-0.0406
rs144515557	G	0.0976
rs66631904	T	0.0581
rs72859145	G	-0.0585
rs80014614	A	0.0888
rs117945544	C	-0.0907
rs111991244	T	0.1392
rs16959257	A	0.0472
rs9789067	C	-0.0215
rs9906046	G	-0.0723
rs147679420	G	0.0704
rs77381997	A	0.097
rs7223120	C	-0.0214
rs75945161	G	0.1185
rs76376123	G	0.0648
rs9905262	A	0.0387
rs12451051	C	0.0284
rs28556319	T	0.0766
rs117828926	C	0.1329
rs62065254	T	0.0363
rs62076090	G	0.0268
rs138798330	A	-0.0638
rs2706703	C	0.0215
rs7502713	A	-0.0518
rs72833039	C	-0.0848

rs7221596	A	-0.0767
rs3764899	A	-0.0203
rs75459938	A	0.0766
rs111716174	G	0.0971
rs140736530	C	-0.1243
rs71382163	A	0.0585
rs748873	A	-0.0202
rs4646407	G	0.0256
rs4790361	A	-0.0221
rs16495	T	0.0328
rs4789062	G	0.0203
rs9909126	A	0.0231
rs4324172	C	-0.0173
rs8066630	G	-0.0194
rs17472506	C	-0.0438
rs10512462	G	-0.0361
rs76642121	G	0.093
rs801234	C	0.0359
rs3935874	A	-0.0403
rs145502060	T	-0.097
rs12185228	A	-0.0619
rs151112670	C	0.1285
rs146530845	A	0.0997
rs9890445	C	0.0494
rs73309596	T	0.0397
rs8753	T	-0.1774
rs228271	A	-0.0214
rs2159218	A	0.0287
rs8073883	A	0.0227
rs117582108	C	0.0798
rs60802810	A	0.0241
rs76807532	C	-0.103
rs12939964	G	-0.0308
rs6565524	T	-0.0379
rs2662	T	0.0245
rs113186669	T	-0.0652
rs79378105	C	0.0776
rs116992969	T	0.1112
rs6503408	C	0.0188
rs2108913	T	0.0194
rs312842	A	0.0826
rs8080233	C	-0.02
rs62077164	G	0.0287
rs111933666	T	0.1188
rs12936911	T	0.0746
rs11871848	C	-0.0331
rs72839971	G	0.0831

rs35585710	A	0.0722
rs180165	C	0.0175
rs6598837	T	0.0231
rs9893372	T	0.0245
rs74900103	A	-0.0437
rs75614017	A	-0.069
rs138175055	C	-0.0787
rs8078116	G	0.0198
rs7223533	T	-0.0222
rs10515130	G	-0.0185
rs80025683	T	0.0754
rs72828758	G	0.0268
rs117406324	G	0.1204
rs6501692	C	-0.0291
rs2531852	A	0.0267
rs12103609	A	0.0261
rs2165702	A	-0.019
rs12943505	C	-0.0194
rs16957703	G	0.0618
rs752811	G	0.0174
rs72840996	A	-0.0638
rs12150523	A	0.0194
rs8068991	G	-0.0288
rs75460377	C	0.0207
rs78225362	T	-0.0798
rs117131729	T	0.0825
rs981684	A	-0.0168
rs113714450	A	0.0584
rs9904673	G	0.0445
rs17823633	G	0.072
rs28678743	C	-0.0379
rs78491961	T	0.0747
rs140017356	T	0.0951
rs78214552	T	0.0538
rs35603572	C	-0.0369
rs57932203	C	-0.0213
rs35498905	C	-0.0999
rs73286098	G	0.0354
rs142723343	C	-0.0787
rs117261251	T	-0.087
rs62069789	T	0.0272
rs138304801	A	-0.0683
rs11650614	T	0.0289
rs150598969	G	0.0826
rs147222331	A	-0.0629
rs34818373	A	-0.0827
rs12602153	T	-0.0184

rs17884004	T	0.0936
rs112875318	T	0.1061
rs11078522	T	-0.0299
rs4796249	A	0.0253
rs12948217	T	-0.0193
rs356055	T	0.0201
rs76940148	G	0.0677
rs148620006	C	0.0712
rs72851723	T	0.1089
rs77511746	T	-0.0235
rs117157214	A	0.0594
rs7209544	A	-0.0491
rs8066817	C	0.018
rs111884876	G	-0.0406
rs7501939	T	0.0189
rs138273512	A	-0.1074
rs77294638	T	-0.1264
rs16966294	C	0.0252
rs72900421	T	0.0604
rs11870033	C	0.018
rs71358511	T	-0.0262
rs12452645	A	0.0221
rs72814684	T	0.0268
rs3744374	A	0.0212
rs7406916	T	-0.0184
rs4464125	A	-0.02
rs77487500	C	-0.066
rs78652172	G	-0.0447
rs4791463	C	-0.0183
rs142230075	T	0.0493
rs2585843	G	-0.042
rs9303126	G	0.0178
rs4794848	C	0.0174
rs117848351	A	0.1454
rs9908993	G	0.0248
rs143476580	G	0.1124
rs4792444	G	-0.0353
rs741074	C	0.0217
rs9910637	G	0.0395
rs76345349	C	-0.0836
rs75402205	A	-0.077
rs11658129	C	-0.0729
rs147834530	T	-0.1185
rs8080518	C	-0.0196
rs612720	G	-0.0167
rs1822428	T	0.025
rs11650135	T	0.0514

rs4794574	C	0.0422
rs12602849	T	-0.0431
rs2551801	C	-0.025
rs60855896	C	0.0661
rs4789886	A	0.0358
rs12941828	T	-0.0184
rs141015675	A	0.0457
rs74696259	C	0.0642
rs12941776	C	0.0332
rs75868674	T	0.1304
rs117224340	T	0.0952
rs7209451	A	-0.0557
rs7406502	T	0.0305
rs3744755	A	-0.0229
rs12449972	A	-0.0375
rs12150263	A	-0.0394
rs55841788	C	0.049
rs12603395	A	-0.0232
rs112323046	T	-0.0452
rs8081785	C	0.0208
rs2904907	A	0.0323
rs8079654	A	0.028
rs78473282	T	0.1072
rs4794297	G	0.0262
rs113013719	A	-0.0577
rs62066827	T	0.0525
rs183596	T	0.0337
rs17670584	C	-0.0292
rs12450493	T	-0.0353
rs7212838	T	0.0191
rs72807263	G	0.0415
rs8064415	A	0.0386
rs55867306	A	-0.028
rs79002248	T	0.1184
rs1107828	A	0.035
rs1467258	G	0.0297
rs1160027	T	0.0215
rs138356399	C	-0.038
rs1197079	C	0.0512
rs11658890	C	-0.0376
rs147232424	A	0.1264
rs57104561	T	0.0222
rs79831836	C	0.0727
rs8064513	A	0.018
rs75943544	C	0.0974
rs117375920	C	-0.159
rs9905461	T	0.0219

rs59235468	C	0.0326
rs73287372	T	-0.101
rs56061536	G	0.0756
rs78544161	G	-0.1135
rs117309517	T	0.0651
rs72838240	A	0.0691
rs117899464	A	0.1584
rs55661426	T	0.0274
rs7209090	T	-0.0268
rs79986032	A	-0.0705
rs28417923	T	0.0789
rs17514207	A	-0.0661
rs35621923	G	0.0606
rs11870583	A	0.0778
rs2715824	A	-0.0171
rs2315582	A	0.0212
rs8071932	C	-0.0186
rs112829124	T	-0.0691
rs4412998	C	0.029
rs34961067	C	0.0237
rs71389753	T	0.0646
rs58294803	T	0.0449
rs2702961	A	-0.0254
rs145863033	T	-0.1106
rs11657114	A	0.0352
rs12326016	C	0.0293
rs115411847	T	0.0869
rs72849020	T	-0.0367
rs2114877	C	-0.0296
rs79126498	T	-0.1028
rs9900492	G	-0.0462
rs117608420	T	-0.0934
rs143303749	T	-0.0715
rs113539426	A	0.0567
rs62078607	T	-0.0422
rs112376654	C	0.0343
rs35857899	T	0.0193
rs4790307	C	0.0193
rs79225822	C	-0.0913
rs11650763	C	0.0239
rs78763692	G	-0.0376
rs4969010	C	0.0987
rs2945413	A	-0.0585
rs35513882	C	0.0247
rs149538276	T	-0.0401
rs79461089	A	-0.0919
rs9889896	C	-0.0228

rs1558284	G	0.0404
rs17630902	C	0.0239
rs8070809	T	-0.0215
rs10305298	T	-0.0657
rs144584471	G	-0.0831
rs72845017	G	0.0224
rs12947579	G	-0.0192
rs7225228	T	-0.0244
rs139068585	A	0.0983
rs11658743	C	0.0239
rs2375914	A	-0.0169
rs144223570	T	0.1151
rs11868673	A	0.0195
rs2429991	G	0.0823
rs9894815	C	-0.0301
rs2292633	A	-0.0229
rs12603684	T	-0.0218
rs7219419	A	-0.0292
rs322941	A	-0.0187
rs12453970	C	0.0186
rs74866084	T	-0.0797
rs9899658	G	-0.0339
rs111653372	C	0.1668
rs75239923	C	0.0668
rs56027815	A	0.0406
rs903097	T	0.0674
rs16950089	T	-0.0416
rs147395328	C	0.112
rs145994492	G	-0.1303
rs62071008	C	-0.1336
rs443112	A	0.0466
rs76879390	A	0.0777
rs146040462	T	0.0686
rs975576	G	0.0299
rs62060393	A	0.0422
rs1663211	C	-0.0809
rs117521680	A	-0.0908
rs12451653	T	0.0207
rs4794325	G	0.0223
rs7219603	G	0.0398
rs72825701	T	0.066
rs2726530	G	0.0348
rs10445293	T	0.0169
rs11654049	T	-0.0326
rs2586435	A	-0.0216
rs6501581	G	-0.0169
rs9912730	T	-0.0239

rs35490951	C	0.045
rs34356918	A	-0.0329
rs139181826	T	0.0781
rs140283381	A	-0.048
rs4243248	A	0.0275
rs2585284	C	-0.0461
rs4646785	T	0.0204
rs62064893	T	-0.0552
rs76018634	A	-0.0398
rs9890489	G	0.0219
rs117243595	G	0.1323
rs72845669	T	0.0439
rs118064073	C	-0.1481
rs7502976	A	0.0235
rs79062105	T	0.0864
rs111483011	C	0.1082
rs2159989	C	-0.0329
rs34379292	G	-0.0645
rs140786034	C	0.1417
rs7221736	A	0.0262
rs9747031	C	0.0303
rs4344784	C	0.0273
rs34368900	A	0.0308
rs75581000	A	0.0766
rs35886652	A	0.0796
rs12950910	C	0.0383
rs142363341	A	0.1018
rs78673657	A	-0.0667
rs12453081	T	0.0207
rs16977190	C	-0.0352
rs17879350	T	0.0817
rs75874977	T	-0.0454
rs9908126	A	-0.1445
rs78436252	A	0.0433
rs76556890	G	0.0604
rs28411684	A	0.0389
rs141586407	A	-0.1831
rs76264708	A	-0.1182
rs112003011	C	0.0899
rs934340	T	0.0436
rs2173429	T	0.0176
rs3169733	C	-0.0187
rs6504016	G	-0.0333
rs12952047	C	-0.0166
rs62058369	T	0.0312
rs117816918	C	0.0347
rs79877850	A	0.0436

rs138642613	G	-0.1038
rs141316000	A	0.0717
rs79786350	A	-0.0403
rs139242742	G	-0.1006
rs7370	A	-0.0181
rs17740182	G	-0.0191
rs184568	A	-0.0293
rs80135683	A	-0.0278
rs9913889	G	0.0839
rs6502938	T	0.0215
rs113667813	A	-0.0555
rs55768604	T	0.0182
rs9897598	A	-0.0239
rs366259	A	0.0188
rs139403658	A	-0.0495
rs55803650	A	0.0842
rs62061841	G	0.0602
rs140560502	A	-0.0914
rs1473905	T	0.028
rs716391	C	-0.0296
rs62069119	C	-0.0528
rs9907079	T	0.0665
rs140529521	T	-0.0696
rs9905619	C	-0.0237
rs62076528	G	-0.0177
rs117519689	T	0.052
rs12600858	A	0.0194
rs651600	T	-0.0764
rs73338905	A	0.0871
rs8082249	G	-0.0179
rs2909222	T	0.0707
rs16966878	A	0.0276
rs8073901	A	0.021
rs77633587	G	0.087
rs929998	G	-0.0283
rs67552299	A	-0.0605
rs4795936	G	0.0302
rs62064474	C	0.0319
rs11078731	C	0.0434
rs8064753	C	-0.0167
rs113880099	A	0.0512
rs11651720	T	-0.0253
rs80141869	A	0.0275
rs75674348	T	0.1045
rs12450862	A	0.0718
rs62079089	A	0.0373
rs147336961	T	-0.1481

rs16946568	T	0.0187
rs72829783	T	-0.0179
rs74796445	T	0.0409
rs55646995	T	-0.0536
rs118055751	G	0.1128
rs8078697	A	0.0315
rs4792417	G	-0.0532
rs72839193	G	0.0207
rs7207299	T	-0.0179
rs117506196	A	0.1185
rs117136407	A	0.0649
rs1399064	T	0.0278
rs4794683	A	0.0302
rs80226935	C	-0.0301
rs1355005	T	-0.0267
rs62070601	G	0.0264
rs59201881	T	0.0558
rs12943881	C	0.0179
rs441174	T	0.0277
rs78210068	C	-0.0641
rs35867023	A	0.0219
rs111821862	T	0.0337
rs11657491	A	0.089
rs34933096	G	-0.05
rs903	C	0.0256
rs62058662	A	0.0744
rs854786	G	-0.0187
rs118141221	C	0.0695
rs2307011	C	0.0777
rs11654324	G	0.0196
rs12939296	T	0.076
rs7224724	T	-0.0178
rs11078587	T	-0.0166
rs4795924	C	-0.0175
rs116302937	T	0.1282
rs75223164	A	0.0366
rs1045280	C	-0.0187
rs112296650	G	0.0469
rs1617347	C	-0.0849
rs4796105	C	-0.0219
rs12450361	T	-0.0788
rs76842834	T	-0.0683
rs78133126	T	-0.07
rs141401079	T	-0.0545
rs9896635	C	0.1101
rs600158	A	0.0207
rs17586092	T	-0.1203

rs77066761	A	0.0839
rs852324	A	0.1042
rs6502573	T	-0.0173
rs12941068	A	0.0232
rs2074429	C	0.0202
rs140067824	T	-0.107
rs4076037	A	0.0186
rs72830097	C	-0.0197
rs62059814	T	0.0602
rs72829231	T	-0.0488
rs812800	T	-0.019
rs141888372	T	0.048
rs28496397	A	0.0378
rs141085391	G	0.0721
rs55825486	A	0.0387
rs4389183	T	0.0974
rs1029675	C	0.0182
rs12150207	G	-0.0239
rs62075191	A	0.1274
rs2671639	A	-0.0409
rs4536507	G	-0.0185
rs12937835	A	-0.0192
rs4141124	T	0.0232
rs8075977	C	-0.0181
rs80055006	A	-0.0606
rs62062617	T	0.0766
rs116956822	C	0.0895
rs55687905	C	0.0784
rs11658349	G	-0.0352
rs113330941	G	-0.0565
rs16953837	C	-0.043
rs79461688	C	0.0601
rs7211442	T	-0.0278
rs76084480	G	-0.0552
rs2613513	T	0.031
rs1508206	C	-0.0562
rs7220985	G	0.0165
rs55922449	A	-0.0659
rs323397	A	-0.1149
rs140686409	G	-0.0959
rs117778474	T	0.1128
rs149095038	T	0.0212
rs12940520	T	-0.0189
rs867133	A	0.0597
rs11079431	C	0.0211
rs2286531	G	0.0236
rs1548470	A	-0.0173

rs7223526	T	0.0165
rs35092670	G	0.0187
rs205095	T	0.04
rs17779592	A	0.0845
rs2258355	A	0.0189
rs77814639	G	0.0292
rs28845012	A	-0.0174
rs9903448	T	0.0444
rs116785948	A	0.0865
rs4985692	A	0.0159
rs62064368	A	-0.0419
rs74726087	T	-0.0869
rs150274680	A	-0.0928
rs8082455	A	0.0176
rs2159543	A	-0.0588
rs12949898	A	-0.0326
rs17510939	A	-0.0358
rs114263199	G	0.0637
rs4793907	T	-0.0207
rs2250088	T	0.0285
rs2898834	T	-0.0212
rs672446	A	-0.0165
rs74381720	T	-0.0447
rs145273451	T	-0.062
rs223128	G	-0.0174
rs16951072	C	-0.0604
rs9908045	G	0.0184
rs72818318	C	0.0651
rs2642162	G	-0.0188
rs3095502	G	0.0159
rs62061498	A	0.0564
rs79415517	G	0.0841
rs1509638	A	0.016
rs4538052	G	0.02
rs117081576	A	0.0582
rs79777439	A	-0.0614
rs440919	T	-0.0183
rs77074825	C	-0.0473
rs112841811	A	-0.0634
rs4968568	A	-0.0178
rs2586546	G	-0.0195
rs2028048	T	0.0229
rs62077162	C	0.1241
rs34760070	A	0.0503
rs11867696	G	-0.1086
rs16945068	G	0.1186
rs117245129	A	0.0891

rs56283539	G	0.0269
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rs140634473	T	0.1079
rs4794077	T	0.0208
rs17178907	C	0.0175
rs79542810	G	-0.0535
rs75881746	T	-0.086
rs2620002	T	0.0185
rs111650999	T	0.092
rs74194418	A	0.0772
rs8065125	G	0.0205
rs34295344	A	-0.0183
rs150784477	T	-0.0982
rs736932	T	0.0234
rs11871657	G	0.0158
rs79809096	A	-0.0674
rs3786065	C	-0.0189
rs11078517	A	0.0301
rs78316167	A	0.1107
rs117743976	A	0.0994
rs117588718	A	0.0412
rs939543	A	-0.0159
rs2586497	C	-0.033
rs76277921	C	-0.0786
rs73331290	G	-0.0303
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rs997977	G	0.0271
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rs78223934	T	-0.0759
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rs143820710	G	0.0831
rs8071440	C	-0.0323
rs4791965	A	-0.0472
rs1877644	A	0.023
rs117272702	A	0.0855
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rs73303620	A	0.0479
rs76784094	G	0.108
rs79506809	A	0.0345
rs9893693	A	-0.0225
rs8072419	A	-0.0201
rs3809711	A	-0.0487

rs8081550	C	0.018
rs77668982	A	-0.0722
rs11654599	C	-0.0203
rs17211346	A	0.0165
rs8064400	C	-0.0201
rs36107109	T	0.0298
rs140659449	G	0.0723
rs2326016	G	-0.0175
rs12162116	G	-0.0186
rs112437747	T	0.0809
rs116845478	C	-0.0953
rs116311592	C	-0.0585
rs55836227	G	0.0481
rs9907981	T	-0.029
rs79305156	G	-0.0286
rs144875584	T	0.0723
rs35804464	T	0.0212
rs79830835	C	-0.0298
rs72834980	C	0.0843
rs9913994	T	0.017
rs8074353	T	-0.0202
rs118172956	A	-0.1058
rs71368073	C	0.0722
rs4790076	T	0.0273
rs62065985	T	-0.0428
rs377959	C	-0.0181
rs12942815	T	0.03
rs4793556	G	0.0235
rs72852228	A	-0.0322
rs17624490	G	0.0231
rs117412492	T	0.0643
rs79522014	T	0.0415
rs9896854	A	0.1206
rs78829766	A	-0.0869
rs11656367	A	-0.0361
rs72844781	T	0.0291
rs72900492	A	-0.0494
rs62067222	T	0.0788
rs76845539	G	0.0325
rs78813648	T	-0.0406
rs149783814	A	-0.1672
rs60763683	A	-0.0195
rs56195589	C	0.0304
rs929466	C	-0.0164
rs28579049	T	-0.0182
rs7207781	C	0.0329
rs1348396	G	-0.0164

rs114407384	G	0.0794
rs4790044	G	-0.0167
rs951284	T	0.0162
rs333125	T	-0.0212
rs295864	A	-0.0221
rs2246563	T	-0.0195
rs12942043	T	0.0812
rs118138526	T	-0.0464
rs34889949	G	0.0276
rs76855425	T	0.1182
rs113148199	T	-0.0997
rs4789587	T	-0.0206
rs35140765	A	0.0244
rs72863234	C	0.1677
rs7359554	T	-0.022
rs2125353	C	0.0225
rs9944461	C	-0.0162
rs80004349	A	-0.0749
rs72840004	G	-0.114
rs2188947	G	0.0185
rs72846279	A	0.0596
rs10521278	A	0.0345
rs11654515	A	0.025
rs2083798	G	-0.0178
rs178867	T	-0.0183
rs7406355	A	-0.0233
rs75897233	C	-0.0576
rs11650261	A	-0.0693
rs17621950	G	0.02
rs1979496	C	0.0196
rs12603503	G	-0.0514
rs8074535	A	-0.0847
rs34809889	A	0.0513
rs11651306	C	0.0746
rs115040770	G	-0.0632
rs35313569	T	-0.0177
rs76912389	A	0.0944
rs12451573	T	-0.0289
rs17834539	T	-0.036
rs72821173	T	0.0583
rs8064564	T	-0.0351
rs77993099	T	-0.0778
rs117917019	C	-0.0698
rs62058361	A	-0.0462
rs9905770	G	0.0304
rs74761354	C	-0.0978
rs66657306	C	-0.03

rs56179246	G	0.038
rs56011844	G	0.0255
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rs60290464	A	-0.0428
rs6504732	G	0.0184
rs61424570	T	0.0476
rs2661586	C	-0.0169
rs76976293	T	0.0395
rs62070120	T	0.0267
rs77640081	G	0.0854
rs11078592	C	-0.0299
rs4792617	A	-0.0316
rs146413346	A	0.0319
rs79723842	T	-0.0961
rs4479316	C	-0.0712
rs150578302	T	0.0651
rs142009867	T	0.1397
rs4788964	C	-0.019
rs117790039	T	0.0412
rs73283624	G	-0.0776
rs77777149	A	0.0953
rs11659070	A	-0.0288
rs4795436	C	-0.0446
rs56107545	C	-0.0198
rs11657979	A	0.0196
rs2452920	C	0.0171
rs76456640	G	-0.0336
rs78765524	A	0.0519
rs59339380	A	0.0631
rs8071166	C	0.0267
rs12944401	T	-0.0755
rs148409754	T	-0.0767
rs36092792	T	-0.0408
rs72849427	G	0.0734
rs117683762	A	0.0911
rs34699971	G	-0.0574
rs7226145	T	-0.0298
rs7501662	G	0.0312
rs117217967	T	-0.1314
rs79305109	G	-0.1073
rs73425308	A	-0.0412
rs13641	C	0.0577
rs271657	T	0.0201
rs7219797	C	0.0305
rs148381451	T	-0.1117
rs113282601	G	0.025

rs71368518	A	-0.033
rs77992432	G	-0.0672
rs59122102	A	-0.0272
rs319758	A	-0.0185
rs75121829	T	0.078
rs12450280	A	-0.0188
rs147681682	T	-0.0942
rs72838177	G	-0.0274
rs12103876	C	-0.0487
rs56102102	G	0.0298
rs116974197	T	-0.0472
rs75868271	A	0.0561
rs1378904	T	0.0168
rs79604574	A	-0.088
rs10931	G	-0.0183
rs28680997	G	-0.0395
rs144140739	G	0.0891
rs12953168	T	-0.0357
rs2109160	A	-0.0179
rs117755721	A	0.1144
rs2525997	C	-0.0272
rs138335195	T	-0.0721
rs75149419	G	-0.0942
rs17654999	A	0.0168
rs72825436	C	-0.0414
rs16964261	C	0.0435
rs72815036	C	-0.08
rs75075518	T	0.0685
rs902569	T	0.0319
rs8071815	C	0.0168
rs8069860	T	0.0193
rs62080198	T	0.0859
rs78944701	C	-0.0523
rs7219458	C	-0.0227
rs17733724	G	0.0475
rs9905981	C	-0.0305
rs142837673	C	0.0522
rs4485423	T	-0.0261
rs4793332	T	0.0327
rs116968827	T	-0.0686
rs9907608	T	0.0205
rs1985645	T	-0.0173
rs76278241	C	0.0844
rs4968376	A	-0.0372
rs9891539	T	0.1067
rs76636473	G	-0.0698
rs7209311	C	0.0177

rs2671644	T	-0.0214
rs11656955	G	0.0359
rs7216764	A	0.0463
rs4791356	T	0.0214
rs4570898	G	0.0425
rs72844747	T	0.0699
rs11871832	A	-0.0281
rs62064292	A	-0.0407
rs8066371	A	0.0165
rs9897336	A	-0.0421
rs1989145	C	0.0271
rs6502727	T	-0.0174
rs148857737	A	-0.0342
rs56823394	C	0.0524
rs72896129	A	-0.0181
rs4630616	A	0.0219
rs140490609	T	0.0826
rs72840375	C	-0.0376
rs150546082	A	0.0553
rs111660712	A	-0.0506
rs9890591	T	0.0156
rs55646445	T	-0.0336
rs72842205	A	-0.0322
rs9302962	C	-0.0237
rs7223986	T	0.0189
rs58959690	T	0.0186
rs72813125	T	-0.105
rs35367147	A	0.0511
rs9892236	G	0.0929
rs115300884	G	0.056
rs3892641	A	-0.0332
rs2071427	T	0.0183
rs151137484	A	-0.0991
rs4792036	A	0.0175
rs76859386	C	0.0792
rs57448521	C	0.0195
rs117135050	A	-0.1471
rs2666013	T	0.0314
rs75811035	A	0.0378
rs143484049	C	0.0957
rs16958037	T	-0.1053
rs7223682	T	-0.109
rs28431306	C	-0.0272
rs2671651	A	0.0183
rs118106544	C	-0.0541
rs9890834	A	0.0546
rs77565447	A	-0.0571

rs117429738	A	-0.0721
rs9906819	A	-0.0259
rs17222551	G	0.0507
rs112573780	T	0.0194
rs145860160	A	0.1103
rs1544427	T	-0.0175
rs2344302	G	0.0164
rs8065829	T	0.0165
rs11652700	G	0.0206
rs73411194	T	-0.0465
rs12949853	G	0.0208
rs73346359	C	-0.039
rs146381769	A	0.0791
rs35082251	T	0.0222
rs8072199	T	-0.0158
rs112620851	T	-0.0416
rs145506467	T	0.0576
rs16958408	T	0.0178
rs9904498	T	-0.0206
rs2303992	A	0.052
rs12600409	T	0.0199
rs3194491	G	-0.029
rs8070356	A	-0.0219
rs148237937	C	0.0692
rs8077571	T	-0.029
rs7224274	G	-0.0868
rs113485769	G	-0.0316
rs113766603	G	0.0397
rs16967835	C	0.0309
rs141082348	A	-0.0881
rs4890122	T	-0.0191
rs34445077	T	-0.0949
rs17572446	T	0.0372
rs169889	G	0.0164
rs75316409	A	0.0772
rs6504094	G	-0.0255
rs145342665	C	0.1015
rs72840805	A	0.0252
rs7211307	T	0.0314
rs75178438	A	-0.0468
rs144983626	G	-0.0354
rs74635272	T	-0.1196
rs73990107	A	-0.0353
rs112641260	A	-0.0564
rs10163487	G	0.0719
rs17706245	A	0.0367
rs9916180	C	0.0345

rs72830845	C	-0.0932
rs4789409	A	0.0174
rs747256	C	-0.0264
rs34485310	G	-0.0246
rs4258683	T	0.0263
rs7215182	C	0.016
rs117620031	C	-0.0772
rs75176327	A	-0.077
rs2259393	T	0.0568
rs9892531	G	-0.0345
rs1873061	A	-0.0252
rs61601846	T	0.0321
rs236578	T	0.0229
rs56137100	T	-0.0208
rs8079477	T	-0.0577
rs9893512	C	-0.0268
rs62074169	A	0.1063
rs9303115	G	0.0227
rs77381129	A	0.0368
rs72840139	G	-0.0551
rs2240648	G	0.0156
rs7219636	G	-0.0221
rs62055604	A	-0.0436
rs72821988	T	-0.0386
rs140207513	A	0.1415
rs117536947	C	-0.0753
rs1108759	A	-0.0343
rs8075035	T	-0.0164
rs727546	G	0.0161
rs76664292	A	0.0705
rs116943378	G	0.0666
rs147058785	T	-0.083
rs4147990	T	0.0398
rs35038156	C	0.0353
rs7218065	T	0.0256
rs111233471	A	-0.045
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rs60788805	T	0.06
rs144250663	C	0.0641
rs150483007	G	-0.0647
rs2304853	C	-0.0173
rs205499	A	0.0182
rs62636944	A	-0.0228
rs16962207	C	0.0637
rs146644295	C	0.0761
rs73323624	A	0.0214
rs140388865	A	0.1146

rs60731677	T	-0.042
rs142723371	A	-0.1027
rs62066706	T	0.0884
rs17762434	G	0.0298
rs111356918	G	-0.0556
rs118068031	C	0.0652
rs231509	T	0.0452
rs1968124	A	0.0795
rs72842504	A	-0.0232
rs12450269	T	-0.0271
rs9890964	A	-0.0487
rs117165722	A	-0.091
rs315500	G	-0.0151
rs76194458	A	0.0717
rs73325374	T	-0.0255
rs77255478	A	0.0847
rs139035696	A	0.0452
rs79174157	C	0.0992
rs11651903	A	0.0503
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rs146970756	A	-0.0504
rs56789328	A	0.0181
rs2243087	T	-0.0582
rs72828965	T	0.0198
rs540281	T	0.0175
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rs11077918	A	-0.0197
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rs3752041	A	0.0218
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rs727972	C	-0.0274
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rs118187045	G	-0.0403
rs79509077	C	0.0251
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rs414658	C	0.0494
rs2259727	T	0.0602
rs740640	G	0.0183
rs74421778	A	-0.0951
rs55756157	A	0.0715
rs12602262	A	-0.0394

rs7216024	A	-0.0174
rs141817411	A	-0.0872
rs138827981	C	-0.0985
rs684690	G	-0.0222
rs2053597	A	0.0234
rs4791394	T	-0.0239
rs72834922	A	-0.0322
rs74840637	G	0.0727
rs1809832	A	-0.0364
rs9911046	A	-0.0182
rs7208981	G	-0.0419
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rs55781800	A	0.0973
rs1000820	T	0.0723
rs77148255	G	-0.0675
rs1076187	G	0.0407
rs74483411	A	-0.0513
rs7220778	A	0.0236
rs75996430	A	-0.0331
rs8067357	G	-0.0214
rs6501845	T	-0.0156
rs757508	T	-0.0151
rs312462	A	0.0249
rs145362670	A	0.0998
rs74695075	C	-0.0716
rs55853189	G	0.0399
rs62072192	T	0.03
rs4969171	A	0.0164
rs17728479	G	-0.0763
rs9897342	A	0.0147
rs62086000	A	0.0407
rs148742403	A	-0.0975
rs8077558	C	0.0528
rs62063644	G	0.0563
rs9904554	T	-0.0881
rs17741706	A	-0.0639
rs7212229	A	-0.0159
rs1420420	A	0.0395
rs2323048	A	-0.0177
rs6565564	G	-0.0566
rs77994442	C	-0.1164
rs17569760	C	0.0631
rs8072096	G	0.0175
rs7224239	G	-0.0152
rs142143930	G	-0.0692
rs149717701	A	0.0306
rs114747013	A	0.0725

rs11652391	A	-0.0219
rs140706459	T	0.1137
rs75840124	T	-0.0672
rs7208097	T	-0.0173
rs60801662	T	-0.0269
rs74878829	T	0.0365
rs72848751	T	-0.0657
rs35580567	T	-0.0332
rs7220057	T	-0.016
rs149847304	T	-0.074
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rs149089941	T	0.0947
rs11653110	T	0.0157
rs111897219	C	0.0372
rs12603917	T	0.0205
rs79752215	C	0.0625
rs74875486	A	0.0513
rs2076562	T	0.0155
rs11077813	C	0.0179
rs10445233	A	-0.0367
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rs76330759	A	-0.1294
rs180102	A	0.0164
rs74714128	G	-0.0372
rs944725	T	-0.0153
rs78272784	G	-0.0324
rs9652842	C	-0.0848
rs28753855	C	-0.0341
rs4793363	G	-0.0152
rs8072823	G	0.0148
rs59788647	G	-0.0372
rs75431541	A	-0.0251
rs56204110	A	0.0583
rs56385816	A	0.0545
rs79511276	T	-0.0199
rs144039421	A	0.0308
rs138040293	T	-0.0922
rs77583464	T	0.0411
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rs34647727	G	-0.0318
rs145729014	C	-0.0214
rs74611643	T	-0.0261
rs12949533	A	0.0205
rs195776	T	-0.0193

rs117054667	A	-0.0527
rs61569183	T	-0.0168
rs117793014	A	-0.0664
rs16944856	T	0.0266
rs271672	C	0.0334
rs141344422	A	0.1651
rs4795885	G	0.0204
rs7212652	A	-0.0327
rs78670978	T	-0.0381
rs8066012	C	0.0637
rs72838407	T	-0.0774
rs75483128	A	0.0578
rs55831872	A	-0.023
rs3921965	C	0.0155
rs56054749	T	0.0435
rs62057448	T	0.0209
rs77158902	T	-0.0862
rs113488041	T	-0.0252
rs117829161	G	0.1042
rs12938775	G	0.0152
rs2713991	T	-0.0176
rs2085350	T	0.016
rs9904808	C	-0.0905
rs3744561	G	0.0145
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rs62062029	T	0.0688
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rs146479561	A	0.0932
rs1318097	T	-0.0148
rs6503134	A	0.0202
rs1563011	C	0.0521
rs55762738	A	0.0355
rs2241094	A	-0.0203
rs4491579	T	-0.0241
rs11869887	C	0.0736
rs2519865	A	0.0191
rs76883461	C	0.0443
rs2009046	G	0.0437
rs7226077	T	0.0282
rs12449597	C	0.0186
rs2106340	A	-0.0296

rs17806303	C	0.0248
rs138836510	T	0.0475
rs11657453	C	0.0232
rs146398028	T	0.0724
rs77725110	G	-0.0415
rs138078136	A	-0.0712
rs2430514	C	-0.0164
rs73982024	G	0.1244
rs17707404	C	-0.0183
rs190202	A	-0.0312
rs8072896	G	-0.0149
rs145678922	G	-0.0706
rs71385947	A	-0.0269
rs9915647	C	-0.0271
rs8081407	G	-0.0191
rs1075927	G	-0.0319
rs1624922	G	0.0249
rs67168721	G	0.0325
rs73989413	G	-0.0207
rs74006104	C	0.07
rs59957906	T	-0.0387
rs116994742	T	-0.0867
rs11150780	G	-0.0154
rs12945197	T	0.0463
rs12948186	G	-0.0296
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rs79995639	C	-0.0431
rs148361271	T	0.0871
rs141122120	G	0.0377
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rs7221164	C	-0.0162
rs11652613	A	-0.1004
rs61348173	A	-0.0165
rs6503487	G	0.0242
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rs113715096	A	0.0447
rs58278001	C	-0.0285
rs317343	G	0.0177
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rs1859401	A	-0.0178
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rs2707037	A	-0.0399
rs181535	A	0.0269
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rs143620169	G	0.036
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rs17716244	A	-0.0334
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rs9910122	C	-0.0275
rs6504991	C	-0.0206
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rs1399063	T	0.0254
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rs71372857	A	0.0612
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rs79797022	A	-0.0346
rs12602019	G	-0.0264
rs58746560	A	0.0213
rs72860173	T	-0.0703
rs35186465	A	-0.0168
rs145455488	G	0.0338
rs2106329	A	0.0206
rs117758013	T	0.0978
rs145047107	C	0.1017
rs4793317	A	-0.0161
rs6503203	T	-0.0163
rs11653574	T	-0.038
rs76712286	G	-0.0383
rs117766353	A	0.0601
rs2331865	C	0.0159
rs72823673	C	0.0477
rs713102	A	0.0201
rs74565805	A	0.0292
rs117390397	T	0.0816
rs7212577	T	-0.0207
rs12938002	T	0.0234
rs12453655	T	-0.0188
rs72850036	A	0.0811
rs144007639	G	-0.0869
rs140826550	A	0.0638
rs137891648	A	0.0582
rs12603183	A	0.0202
rs62073382	T	-0.0312

rs2077976	A	-0.0499
rs142151027	T	0.0677
rs117831264	G	-0.1147
rs17623317	C	0.0195
rs1357366	C	-0.0375
rs60194973	C	0.0668
rs112801214	C	0.0992
rs138217577	A	-0.0621
rs4371196	A	0.0149
rs4239261	T	-0.0392
rs75836788	T	0.0461
rs7209117	A	0.0751
rs12103792	A	-0.0427
rs16948651	G	0.0426
rs12103521	A	0.0155
rs35898478	T	0.036
rs4795004	T	0.0188
rs4239175	G	0.0827
rs72851893	T	0.0462
rs4523991	T	0.0165
rs56008637	A	-0.0152
rs4792569	G	0.0185
rs4792545	T	0.0185
rs72828579	T	-0.0362
rs9899072	A	-0.0667
rs75230966	A	-0.0229
rs150343889	T	-0.0782
rs365654	A	0.0213
rs112894877	G	-0.0887
rs8066936	A	-0.0185
rs118156685	A	-0.0548
rs12940146	C	-0.0174
rs3744635	A	0.0462
rs11080286	C	-0.0183
rs78058618	T	0.0782
rs1014375	G	0.0196
rs75641606	G	-0.0886
rs117432794	G	0.089
rs11655394	A	-0.0184
rs872346	A	0.0163
rs9630739	T	0.038
rs2740345	A	0.0506
rs3883321	G	0.0147
rs117059497	T	-0.0921
rs62080163	C	0.0212
rs315456	C	-0.0194
rs77950878	G	0.1129

rs139263463	T	-0.1225
rs143657492	A	0.0848
rs2097727	A	-0.0247
rs66891153	T	-0.0217
rs17779263	A	-0.0447
rs113347218	C	-0.0174
rs146759149	A	0.1194
rs113455436	A	0.0381
rs10459951	C	0.0206
rs35655648	A	-0.031
rs139137032	G	0.085
rs4790519	C	-0.0153
rs16946582	T	-0.0248
rs117097648	A	0.0278
rs712048	A	0.0212
rs73985889	T	-0.0277
rs72842527	G	0.0583
rs73290707	T	-0.0875
rs12951661	C	0.0212
rs146318237	T	-0.0809
rs111226581	A	-0.027
rs9912576	G	0.0208
rs2286513	T	-0.0277
rs1526603	T	0.0225
rs28396732	T	0.054
rs145519069	A	0.1192
rs2190984	T	-0.0246
rs79587977	T	0.0362
rs11657647	A	-0.0556
rs6503063	C	0.0251
rs9902986	C	-0.0143
rs62067146	T	0.0322
rs145648014	A	0.0281
rs17684593	T	-0.0302
rs112434786	G	0.041
rs7213454	A	0.0218
rs55742293	A	0.0532
rs877414	T	0.0161
rs6503765	G	-0.0149
rs16969893	C	-0.026
rs425083	A	0.0151
rs17808142	A	-0.022
rs7225744	C	0.0146
rs2343823	G	0.0217
rs147026290	C	0.0445
rs7405731	A	-0.0198
rs33932099	A	-0.0938

rs118084185	A	-0.0839
rs78090381	T	-0.0619
rs76299666	T	-0.045
rs75280739	T	-0.069
rs12946781	T	0.0376
rs8064938	A	-0.0197
rs17833741	C	0.0282
rs17762121	A	-0.0176
rs72830523	T	-0.0491
rs62079906	A	-0.1305
rs57248161	T	0.018
rs112074499	T	-0.0511
rs2015294	T	0.0176
rs56019347	A	-0.0203
rs117011520	T	0.0593
rs4539642	T	-0.0166
rs150899893	C	-0.0872
rs62052803	C	0.0396
rs12450690	T	-0.0176
rs150700430	A	0.0556
rs9912143	G	0.0154
rs295849	T	0.0147
rs55967434	T	0.0352
rs72820120	C	0.0452
rs7220979	C	0.0218
rs9916799	C	-0.0248
rs16960550	C	0.052
rs5014327	A	0.1042
rs12709242	A	-0.0341
rs4793426	C	-0.0139
rs8065994	A	-0.014
rs117246333	C	0.0872
rs72892290	A	-0.0476
rs669228	T	0.0997
rs11655956	C	-0.0619
rs62053890	T	-0.0264
rs682083	T	0.0205
rs140018385	T	-0.0538
rs333620	T	0.0237
rs112443430	T	-0.0463
rs7220920	C	0.0249
rs117904976	A	-0.0575
rs12947081	C	-0.0179
rs45583834	A	0.0286
rs113522962	A	-0.0342
rs117465569	T	0.0454
rs28944232	A	0.0201

rs8070465	G	0.0162
rs11652810	A	-0.0172
rs72925850	T	0.0713
rs8075494	T	-0.0181
rs959835	G	0.0527
rs34663097	A	-0.0191
rs7207011	G	0.0394
rs72813104	T	-0.0271
rs11871568	A	0.0898
rs4790549	C	-0.0266
rs72813757	T	-0.0235
rs751862	T	0.0139
rs1471454	A	-0.0184
rs4969475	C	-0.0188
rs2529380	G	0.0178
rs17673406	T	0.0902
rs79158907	C	0.0545
rs7225419	T	0.0227
rs6503821	C	0.0153
rs7221278	A	-0.0524
rs77779487	A	-0.0976
rs148450112	A	-0.0559
rs66646912	A	-0.0346
rs113310167	G	-0.0496
rs72849661	T	-0.0643
rs7211493	C	-0.0154
rs550816	C	0.0146
rs36020025	C	0.1497
rs72881298	T	0.1044
rs7225799	A	-0.0194
rs118185397	T	0.0539
rs61669747	C	-0.0236
rs11868483	C	-0.016
rs8075535	C	-0.0209
rs34793669	G	0.0371
rs9915416	A	-0.0219
rs28914827	T	-0.0686
rs6503064	A	0.0222
rs111622455	C	0.0497
rs11652407	A	0.0267
rs112327222	T	-0.0797
rs117316454	C	0.072
rs35942282	T	0.0263
rs56356606	G	-0.0321
rs142338787	G	0.0577
rs12946440	A	0.0921
rs75980081	G	0.0781

rs7211097	A	-0.0207
rs117011183	G	-0.0897
rs144026686	G	0.0825
rs138063723	T	0.0576
rs16962220	A	0.0222
rs4793473	C	-0.0167
rs75700992	T	-0.0473
rs75571438	G	-0.0324
rs61380210	C	0.0481
rs7503557	C	-0.0375
rs78938138	C	-0.1012
rs28651858	A	-0.0224
rs76168949	A	0.0479
rs147829438	T	-0.0898
rs3760454	C	-0.0138
rs117553620	G	0.0531
rs72812892	G	-0.0176
rs7210922	A	-0.021
rs72832969	A	-0.0827
rs117732009	A	0.0541
rs76915199	G	0.0309
rs140342905	T	-0.1006
rs6501983	G	0.0138
rs4792182	T	0.0162
rs2674948	T	-0.0171
rs35359180	G	0.0563
rs227666	C	-0.0156
rs147348309	C	-0.074
rs733532	G	0.1248
rs1002327	C	0.0138
rs11077708	A	0.0137
rs76380031	A	-0.0789
rs8079139	A	-0.0709
rs62063876	T	0.0482
rs113385942	G	0.0832
rs34316510	T	-0.0358
rs17760172	C	0.0512
rs142652929	A	0.1052
rs72856728	A	0.0368
rs1514236	G	0.0179
rs4316792	T	-0.0262
rs67618179	T	0.0871
rs77092397	C	-0.0577
rs9903252	C	-0.016
rs924024	A	-0.0145
rs34710884	A	0.0634
rs2916147	T	-0.0473

rs117076320	A	0.107
rs74526302	A	0.059
rs34040038	T	-0.0154
rs149247724	A	-0.0755
rs112538348	A	-0.0263
rs72865861	A	-0.0781
rs72810993	G	0.0253
rs12936614	A	-0.014
rs66942451	T	-0.0258
rs12452881	T	0.0762
rs11079305	T	0.0181
rs11653947	T	0.0587
rs4569338	C	-0.08
rs62071757	G	-0.0247
rs150068425	C	-0.0932
rs9903517	G	0.0152
rs117278719	G	0.0703
rs2567510	C	-0.0271
rs75132750	T	-0.0424
rs62065098	A	-0.0181
rs80071684	C	-0.0627
rs62076101	A	-0.1056
rs2543539	T	-0.0198
rs117867046	A	-0.0702
rs3818147	G	-0.0202
rs79525527	T	-0.0544
rs117528947	T	0.0676
rs12600342	A	-0.0589
rs117162268	A	0.0831
rs62068379	T	-0.0317
rs112250599	C	0.0713
rs8067341	C	-0.0149
rs8074491	G	0.0823
rs118009033	G	0.0347
rs2244280	A	0.0166
rs116869127	G	0.0851
rs72819761	T	-0.0519
rs140972446	T	-0.0837
rs56771336	T	0.0301
rs117732767	A	-0.0502
rs71387954	G	0.0228
rs149783533	T	-0.0689
rs16956264	G	0.0206
rs75721474	T	0.0844
rs12452239	G	-0.018
rs111611948	C	-0.0873
rs75450582	T	0.0796

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rs34366600	G	-0.0601
rs4789977	A	-0.0315
rs55883231	C	-0.0298
rs8071806	A	-0.0222
rs2857655	A	-0.0649
rs4789630	T	-0.0197
rs57094167	C	0.0322
rs67843016	T	0.0157
rs7220894	C	-0.0139
rs11263824	T	-0.0773
rs2060095	C	-0.0567
rs34520486	G	0.0165
rs9891411	A	-0.0178
rs74453681	C	-0.0545
rs61160858	T	-0.0225
rs67984133	G	-0.0163
rs62066678	G	0.0225
rs145199563	A	-0.0489
rs3744394	T	-0.0203
rs11656334	T	-0.0229
rs999716	C	-0.016
rs16976223	C	0.0238
rs28530507	A	0.0462
rs9916004	C	-0.0195
rs60204437	T	-0.0147
rs9892731	T	-0.0146
rs2482984	G	0.0287
rs74362175	C	-0.0673
rs117473735	T	-0.0805
rs113369483	A	0.093
rs76012308	A	-0.0468
rs35635583	G	0.0816
rs61638683	G	-0.0146
rs117751948	A	0.0435
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rs2859612	A	0.0156
rs117130892	T	-0.0422
rs76349908	A	-0.0668
rs61735242	T	0.0288
rs62061496	G	-0.0162
rs74913438	A	-0.0293
rs116628291	C	-0.0392
rs55982591	T	-0.0235
rs74419753	A	0.0681
rs28707044	G	-0.037

rs2236752	A	-0.0156
rs6503253	A	0.0201
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rs139048305	A	0.0714
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rs4791382	C	0.0233
rs72845099	A	0.0362
rs11659121	A	0.0264
rs34449704	A	0.0139
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rs76597414	C	0.0919
rs55865440	T	0.0494
rs117881621	T	-0.0743
rs118141187	T	0.0598
rs4319831	A	0.0558
rs75319758	T	0.0745
rs9902911	T	-0.0289
rs11079311	C	-0.0186
rs3848454	G	0.0237
rs6502542	T	0.0152
rs2014285	T	0.0191
rs12103522	T	-0.0215
rs9904782	T	0.0147
rs3744170	A	-0.0342
rs11871265	C	0.0193
rs4791398	G	0.0206
rs117705001	A	0.0773
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rs748075	G	0.0241
rs11868772	C	-0.0143
rs16950704	C	0.0519
rs117003109	T	-0.0955
rs139489742	T	-0.0529
rs2286338	C	-0.0184
rs75258876	A	0.0681
rs4795886	G	0.0843
rs11654392	A	-0.0323
rs4789454	T	-0.0133
rs72829467	A	-0.0667
rs17882627	A	-0.0873
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rs57810612	T	-0.0336
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rs17773518	T	0.0192

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rs8069341	A	0.0248
rs11867552	T	-0.0151
rs74995106	A	0.0605
rs7225709	C	0.0143
rs242247	A	-0.0646
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rs4598957	C	0.0439
rs111868656	G	-0.0194
rs57387458	C	-0.1055
rs4598952	G	0.0578
rs740698	C	0.0139
rs12952184	T	0.0319
rs1382779	T	0.0156
rs1048701	T	0.0134
rs7406899	A	0.0909
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rs4792107	G	-0.0161
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rs8077523	G	0.0319
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rs79751177	C	-0.0181
rs74456512	G	-0.0207
rs34824166	T	-0.0547
rs117875230	G	0.0391
rs12453364	T	-0.0205
rs12950688	T	-0.015
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rs8081054	T	-0.0177
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rs4598958	T	0.0737
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rs7225991	A	0.0426
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rs9915005	G	0.031
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rs34455313	A	0.0171
rs8072303	T	-0.0243
rs17184825	G	0.033
rs2191147	T	-0.0172
rs149698655	T	-0.0575
rs7207662	A	0.0337
rs938299	A	-0.0146
rs74838174	A	0.044
rs72847498	C	-0.0372
rs3751938	C	0.0158
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rs75565283	T	-0.0548
rs72839916	T	0.0353
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rs117217172	T	0.0446
rs139923818	T	0.1004
rs9900808	A	0.0341
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rs111711742	G	-0.0161
rs76898433	C	0.0669
rs111317810	C	0.0476
rs9904113	A	0.0141
rs4791981	T	-0.0176
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rs17193410	A	0.0218
rs148254124	T	-0.0634
rs2098100	G	-0.017
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rs8067518	G	-0.0171
rs7210582	T	0.014
rs16951823	G	-0.0438
rs72843545	G	-0.0765
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rs137940468	T	0.0583
rs8078312	C	0.023
rs111226986	C	-0.0925
rs73308018	G	0.0506

rs3809752	G	-0.0176
rs2052011	C	0.0265
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rs9908209	G	-0.0151
rs2519863	A	-0.0253
rs116867115	A	0.0572
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rs9899924	G	0.0203
rs8081435	C	0.0149
rs7219502	T	-0.0423
rs12940897	A	-0.0285
rs2323499	G	-0.0158
rs7503780	A	0.014
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rs2107573	T	-0.0229
rs4968135	T	0.0215
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rs59209118	G	-0.0526
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rs62058069	T	-0.0541
rs77200360	G	-0.0525
rs3809805	A	-0.0212
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rs72818052	A	0.0208
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rs117948258	A	-0.0758
rs11658976	G	0.0159
rs118149279	A	0.0636
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rs1545273	C	-0.0175
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rs139702034	C	-0.0767
rs12947190	T	0.0801
rs12949259	A	-0.0277
rs11658358	C	-0.0148
rs9891642	G	-0.0596

rs7211719	C	-0.0548
rs112965362	T	0.0422
rs11656071	T	-0.0196
rs11574824	A	0.1018
rs12452928	A	0.0159
rs12452567	G	0.0161
rs75800572	G	0.0239
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rs58143126	T	-0.0171
rs12952876	T	0.034
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rs9912391	T	0.017
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rs11869702	T	0.021
rs111501431	T	-0.0386
rs117459319	T	0.0863
rs113069854	G	0.068
rs4459584	T	0.0158
rs72634088	T	-0.0171
rs7220054	T	0.0376
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rs34722237	T	0.0231
rs71372813	A	0.0891
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rs75336467	A	0.0665
rs9893886	T	0.0214
rs79350162	T	-0.0631
rs78742276	G	0.0465
rs7219820	G	0.0222
rs17623512	T	-0.0153
rs151246947	A	0.0908
rs12451059	A	-0.0577
rs971310	A	-0.0639
rs148441870	T	-0.0651
rs2163450	A	-0.0171
rs62077683	C	0.0181
rs146891	T	-0.0145

rs148347637	T	-0.0481
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rs145107782	T	-0.0644
rs12103721	T	-0.0152
rs6587161	C	0.0189
rs35841085	T	0.0684
rs4793865	G	-0.0219
rs1177999	T	0.015
rs6503656	G	-0.0226
rs76960659	A	0.0619
rs74417051	A	-0.0472
rs1963088	A	0.015
rs55666909	C	0.0407
rs117014247	T	-0.0869
rs11657397	A	-0.0254
rs57616830	C	-0.0427
rs12452443	T	-0.0173
rs12601841	T	-0.0151
rs117442223	T	-0.0367
rs1513747	A	-0.0135
rs62079658	A	0.0273
rs77827772	T	-0.0248
rs34067422	A	0.0144
rs79382725	C	-0.0232
rs78051721	A	-0.0692
rs75092420	T	0.0562
rs72842903	T	0.0351
rs11655550	C	0.0174
rs62073039	G	-0.0198
rs139042407	T	0.1072
rs112168618	A	-0.0274
rs113389394	A	-0.0682
rs72836045	T	0.057
rs2671645	C	-0.0211
rs11655992	C	0.0489
rs4795954	A	0.0215
rs112408376	C	-0.0465
rs79806428	T	0.0265
rs73991579	G	-0.0316
rs11870240	T	0.0147
rs4151122	C	-0.0129
rs117041785	T	0.0509
rs113425487	A	-0.0211
rs35852093	G	0.0782
rs72807147	A	0.0528
rs76364945	A	0.0245
rs77794389	A	0.0581

rs2671636	A	0.019
rs147813634	A	-0.0429
rs117062976	T	0.053
rs9916520	C	-0.0172
rs72850341	A	-0.0782
rs117803856	A	-0.0884
rs72823745	G	0.0577
rs117161996	T	0.0903
rs35593157	C	0.0347
rs62053895	A	0.0126
rs74608381	A	0.0334
rs12939266	A	-0.0229
rs12602813	A	-0.0315
rs12946079	C	0.0207
rs4889933	G	0.0175
rs4792261	G	-0.0178
rs62066488	G	-0.0333
rs75646348	C	0.0326
rs11652868	C	-0.0142
rs117623693	A	0.0507
rs2570035	A	0.019
rs12450418	T	0.0362
rs79204186	C	-0.0918
rs55909719	A	-0.0147
rs66954791	G	0.0208
rs8073599	T	-0.0145
rs112837295	G	-0.0735
rs72635520	A	-0.0445
rs12951126	G	0.0422
rs8079205	T	-0.0157
rs117636485	T	0.0607
rs9914656	G	0.0153
rs7218974	A	-0.0134
rs76398592	A	0.0455
rs76672544	A	0.061
rs4789569	G	-0.0612
rs111849622	G	-0.0761
rs75536614	G	0.0647
rs9897905	T	0.0234
rs60949168	C	-0.0267
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rs11653711	A	0.0145
rs147384792	C	-0.1031
rs112659429	G	0.0672
rs113644316	A	-0.0322
rs148796276	G	-0.0744
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rs12451970	T	0.0227
rs8064996	G	0.0145
rs3760381	A	0.0144
rs12603709	T	0.028
rs8070911	T	-0.0309
rs141090300	C	-0.065
rs418387	A	0.018
rs79817091	A	0.0638
rs150651501	T	0.046
rs11080228	A	0.0169
rs75675330	A	0.0504
rs2551799	G	0.0134
rs11078142	C	-0.0133
rs17742923	C	-0.0161
rs3729925	A	0.0899
rs59747253	T	0.0489
rs62062574	G	-0.0177
rs77219596	A	-0.0739
rs4968431	G	-0.0143
rs7220544	T	0.0124
rs17250097	C	-0.0438
rs79149118	G	-0.059
rs12942146	T	0.0775
rs34544955	C	-0.0431
rs62081792	C	0.0349
rs6503271	A	0.0185
rs55801133	A	-0.0393
rs72823343	T	0.0398
rs3214067	A	0.0407
rs75867867	A	0.0467
rs139704838	T	0.0717
rs2190550	A	0.0129
rs143722714	A	-0.0455
rs6503290	G	-0.0137
rs1558246	A	0.0155
rs2472692	A	0.0212
rs139204153	T	0.0358
rs8071956	G	-0.1216
rs56163349	G	0.0279
rs62085659	A	0.028
rs35818147	C	0.0969
rs77627231	T	-0.0177
rs8079914	G	-0.0152
rs12601494	A	-0.0258
rs7406286	C	-0.018

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rs2953014	G	-0.0157
rs78987679	T	-0.0762
rs28730824	C	-0.033
rs11079793	T	0.0236
rs79247330	T	-0.0565
rs11466129	G	-0.0168
rs61429510	C	-0.0185
rs41465546	A	0.0514
rs113369600	A	-0.0586
rs7209949	G	0.0237
rs35787376	C	0.0185
rs8070427	T	-0.0149
rs72833704	T	0.044
rs205042	G	-0.0125
rs62084828	A	-0.039
rs34279954	T	0.0215
rs11867711	T	0.0622
rs495713	C	0.0353
rs79020344	C	-0.0518
rs76146401	A	0.0479
rs3923086	A	-0.0126
rs8066872	G	0.0208
rs55664849	A	0.1035
rs144051030	T	0.0439
rs62079901	C	-0.0387
rs77058519	T	0.0267
rs2344340	T	0.0202
rs9915313	T	0.0182
rs4968225	T	-0.0372
rs77042512	C	-0.1091
rs17662433	A	-0.049
rs62062005	A	-0.0242
rs35875280	T	0.0384
rs118125184	A	0.0545
rs112362496	T	-0.044
rs71358287	C	0.0497
rs9675172	A	0.0415
rs34438714	A	0.0365
rs11659093	A	0.0159
rs116937641	G	-0.0664
rs3809872	A	-0.014
rs633506	G	-0.0278
rs930525	T	0.0178
rs17645437	G	-0.0269
rs6501186	T	-0.015
rs34742354	A	0.1111

rs11650481	T	-0.0552
rs12150376	G	0.0141
rs141222888	G	0.0559
rs1632673	T	0.0173
rs3760503	A	0.0495
rs4968857	C	0.0279
rs12451543	A	0.1097
rs12939139	T	-0.0159
rs8068170	T	0.0629
rs142097331	C	-0.1053
rs76310576	C	-0.0308
rs2227725	A	0.0279
rs74789213	A	0.0257
rs76213393	C	-0.0223
rs3786112	T	0.0555
rs7211875	C	-0.0174
rs113873648	C	0.0528
rs76411329	C	-0.0547
rs60627542	T	0.0164
rs79951827	C	0.0471
rs55649994	T	0.0397
rs9302934	C	-0.0182
rs9906084	A	0.0131
rs886897	G	-0.012
rs11868257	C	0.0121
rs7221938	C	0.0927
rs35941175	A	-0.0673
rs118100944	T	-0.0604
rs34590165	T	0.0171
rs62066359	C	0.0201
rs113400824	A	0.0506
rs144675725	A	-0.0748
rs425694	C	-0.0134
rs12452084	T	0.0137
rs144068225	C	0.0662
rs180531	G	-0.0183
rs17578725	T	0.0715
rs111911315	C	-0.0402
rs3785847	C	0.0421
rs4889808	T	-0.0141
rs8073112	G	-0.0185
rs76457900	C	0.0262
rs66737880	T	0.0145
rs11657711	T	0.0333
rs72821889	A	-0.0394
rs3809698	G	0.0178
rs138538686	A	-0.0761

rs73344136	C	0.024
rs35544910	A	-0.0207
rs113461621	A	-0.026
rs721411	T	-0.0276
rs8075565	T	-0.0247
rs74726423	G	0.0295
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rs112391223	G	0.0289
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rs140697373	A	-0.0699
rs866974	A	0.0175
rs148579627	A	-0.0679
rs79348288	T	-0.0768
rs73358138	T	-0.0677
rs143207098	C	-0.1104
rs141062774	T	-0.0868
rs8081081	A	0.0163
rs17564279	G	-0.0184
rs7225086	G	0.0132
rs117386636	C	-0.0651
rs9908330	G	0.0121
rs60089918	T	-0.0215
rs8071867	C	-0.0151
rs1552385	C	0.0127
rs77413492	C	0.0963
rs62070779	A	0.0809
rs7502691	A	0.0431
rs151011422	A	-0.0564
rs11868368	C	0.0201
rs11870986	T	0.0177
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rs11655539	G	0.0255
rs7218159	C	0.0147
rs35517172	G	0.0312
rs8079634	G	-0.0153
rs8077322	G	0.02
rs12946841	A	-0.0249
rs7211583	G	0.0194
rs4791972	C	-0.0177
rs28850346	A	-0.0394
rs111236730	T	0.0225
rs117045964	A	-0.0527

rs113402032	A	-0.0178
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rs74415837	C	-0.0422
rs146672545	A	-0.0749
rs75750811	G	0.0899
rs117013541	T	-0.0959
rs898536	T	-0.0169
rs148628289	C	-0.0756
rs117599834	A	-0.0958
rs73325955	C	-0.0634
rs140992783	C	0.0402
rs11656860	T	-0.0632
rs80162003	G	-0.0608
rs146765575	A	-0.0659
rs113988901	A	-0.0395
rs12600359	T	-0.0191
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rs141254535	T	-0.0431
rs12603077	G	-0.0135
rs149965864	G	-0.0442
rs118097466	T	-0.0606
rs35750614	C	-0.0422
rs715778	G	0.0211
rs12952319	A	0.0701
rs4408577	G	0.0244
rs113811824	A	0.0499
rs74256761	G	-0.0258
rs9895615	A	0.0433
rs72816633	T	0.0167
rs4789383	T	-0.0149
rs57432230	T	0.0338
rs11868186	C	0.0184
rs11870884	T	0.0149
rs61179855	T	0.0164
rs2051985	C	-0.0131
rs150522	G	-0.0171
rs12949338	T	0.0784
rs79743842	T	0.1018
rs112269503	A	0.0436
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rs117527434	T	0.0475
rs2075061	C	-0.0131
rs75053167	A	0.0329
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rs139151737	C	0.064
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rs12939430	C	0.0184
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rs56677491	T	-0.0444
rs62059848	G	0.0366
rs820214	A	-0.0433
rs145222459	A	-0.056
rs113365418	A	0.0779
rs79040621	C	-0.061
rs62058729	C	0.0548
rs9899506	C	-0.021
rs111558882	T	-0.0802
rs8078223	T	0.0123
rs999338	C	-0.0122
rs117710402	T	-0.0432
rs72845788	C	0.0599
rs78651327	C	0.0433
rs150295445	G	0.0395
rs117627862	T	-0.052
rs820387	T	0.0288
rs34503845	T	-0.0219
rs12450696	C	0.0164
rs17783695	A	0.0245
rs12943069	T	0.0142
rs77866971	G	-0.081
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rs116888803	T	0.0506
rs9907377	T	0.0143
rs1978104	A	-0.0127
rs117861000	T	-0.0373
rs12452761	A	0.0252
rs7211903	T	-0.02
rs34507250	T	-0.0166
rs163383	G	0.0249
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rs6598839	C	-0.0183
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rs57886565	A	0.0288
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rs9893331	A	-0.0146
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rs4795154	A	0.0385
rs6501562	A	0.0714
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rs1532457	A	-0.0129
rs35868629	T	0.0672
rs8066678	A	-0.0125
rs139485090	A	-0.0807
rs148977707	A	-0.0461
rs62054003	T	-0.0139
rs73294604	A	-0.0635
rs9906578	T	0.0254
rs11541133	T	0.0353
rs117104858	A	-0.0561
rs117993381	T	0.0497
rs17339382	A	-0.036
rs73974697	A	-0.0281
rs34785521	G	0.0177
rs34670978	A	-0.0782
rs11867485	A	0.015
rs117089326	A	0.0573
rs62079722	A	-0.0169
rs138628526	C	-0.0499
rs6565689	C	-0.0163
rs145005294	T	0.0805
rs143271775	A	-0.0718
rs60249275	G	0.0138
rs3813440	G	0.0202
rs141337572	T	-0.0374
rs7502977	T	0.0133
rs139657281	T	0.0553
rs12603570	T	0.0137
rs7225259	A	0.0172
rs9910214	T	-0.0213
rs118012610	C	-0.0783
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rs139152059	A	0.085
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rs80052830	C	-0.0263
rs142861453	A	0.0505
rs28664662	T	-0.0173
rs12601606	G	-0.015

rs4366774	C	0.0163
rs1817415	G	0.0156
rs11651437	A	-0.0234
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rs8067165	C	-0.0126
rs11658648	A	-0.0151
rs55637846	T	0.0231
rs112708345	A	0.0778
rs4060716	A	0.0218
rs78774943	T	0.0198
rs17879371	G	-0.0723
rs2040555	T	-0.0225
rs77770153	A	-0.0316
rs7221560	T	-0.0149
rs117763980	T	-0.043
rs78427353	C	0.0247
rs3902104	C	-0.0178
rs73333222	A	-0.022
rs67023438	T	-0.0336
rs11652243	C	-0.0249
rs36024971	A	-0.0121
rs146091072	A	0.0632
rs80200367	T	0.0776
rs150672227	T	-0.0383
rs12951223	G	-0.0181
rs12947709	C	0.0125
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rs142489515	A	-0.078
rs77477703	T	0.0532
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rs9913292	G	-0.0135
rs113221995	A	-0.0779
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rs7211034	C	0.0165
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rs117153127	A	-0.0661
rs161394	A	-0.0137
rs111566547	A	-0.0537
rs117790102	G	0.0888
rs142181185	C	0.0914
rs12600420	C	-0.0124
rs10853114	A	0.0354
rs3954036	A	-0.0182
rs8082005	T	0.0165
rs4968894	A	-0.0175

rs9905576	T	0.023
rs9897788	A	-0.0165
rs11079300	A	-0.0151
rs139728368	T	-0.026
rs117093891	T	-0.07
rs111393274	A	0.0386
rs12947203	G	-0.012
rs886236	G	-0.0181
rs77719504	T	0.0599
rs12451455	A	0.0208
rs9900249	A	-0.0206
rs9908714	G	0.0137
rs113005632	A	-0.0352
rs113753171	A	0.083
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rs60241805	A	-0.0279
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rs9896039	C	-0.0131
rs12601154	A	0.0285
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rs2716867	A	0.0162
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rs72817831	C	0.0261
rs8073667	T	-0.0204
rs317326	C	0.0151
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rs78693897	T	0.0263
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rs117744454	T	-0.062
rs9891218	T	-0.013
rs77038344	T	-0.0235
rs12602216	C	0.0538
rs80004755	T	0.0738
rs3752008	A	0.0152

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rs112764703	A	0.0699
rs72820888	C	-0.0754
rs75661304	C	-0.0501
rs56086050	A	-0.0222
rs141901301	G	-0.0687
rs35231764	G	0.0228
rs2107131	A	0.0168
rs35546945	G	0.0308
rs8178373	A	-0.09
rs34351775	T	-0.0293
rs74715846	A	0.0453
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rs9906273	A	0.03
rs74396171	C	0.0649
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rs7215957	G	0.0154
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rs74887187	T	-0.0258
rs76888303	G	-0.0338
rs7224212	G	0.0143
rs57632586	T	-0.0229
rs78102228	A	0.0453
rs241773	G	0.0125
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rs116903464	A	-0.0789
rs62076611	A	-0.0785
rs149887327	G	-0.0515
rs56272814	T	-0.0123
rs2916146	G	0.0135
rs117138288	A	-0.0656
rs113365712	A	0.046
rs242245	G	0.0152
rs9913532	T	0.0182
rs7209596	T	0.0126

rs3760215	T	0.0121
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rs3809739	A	-0.0281
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rs6504298	T	-0.0173
rs58104591	G	-0.015
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rs295068	C	0.014
rs8082003	G	0.0173
rs11655537	C	-0.0201
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rs4789106	T	-0.0126
rs4147988	T	-0.013
rs1010636	G	-0.0136
rs4791445	C	-0.0303
rs117988144	C	-0.0641
rs17052305	G	0.0689
rs71382134	A	0.0338
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rs12603998	C	-0.0258
rs11657390	T	0.0217
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rs8067585	A	-0.0144
rs117011300	G	-0.0473
rs79730821	T	-0.0147
rs116984122	T	0.0609
rs72816945	C	-0.0148
rs75227416	G	0.0527
rs6502186	C	-0.013
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rs12944899	A	0.0513
rs28648797	T	-0.0222
rs9894676	G	0.0116
rs150054934	A	-0.0285
rs117595150	T	-0.0648
rs2056131	A	-0.0125
rs117909628	T	-0.0489
rs118025604	T	-0.071
rs9910905	A	-0.0187
rs80291427	C	-0.0152
rs11654234	A	0.0212
rs10853031	C	0.0115

rs138842856	G	0.073
rs75556842	G	0.0537
rs6501859	C	-0.0162
rs118143196	T	0.0307
rs72819574	A	0.0369
rs34387241	T	0.0201
rs36045580	A	0.0192
rs1509123	T	-0.0239
rs3809738	C	0.0166
rs72848066	A	-0.0404
rs12937985	C	-0.0119
rs62068202	T	0.0345
rs74879422	A	0.0799
rs9901427	G	0.0134
rs73997493	T	0.0262
rs68061490	C	-0.0316
rs8068892	C	0.0318
rs75883746	G	0.052
rs3115682	C	0.0285
rs7217110	A	0.0141
rs34139298	A	-0.0157
rs117074406	A	-0.0762
rs145322555	A	0.0324
rs12952209	G	0.0153
rs142921971	G	0.0538
rs758857	G	0.0151
rs11077670	A	0.0208
rs117936595	G	-0.0589
rs7213314	T	0.0245
rs205060	T	0.0115
rs117561452	G	0.0674
rs2740354	T	0.0117
rs117716434	T	0.0988
rs8069356	C	0.0133
rs4147994	A	-0.0146
rs34879184	C	-0.0256
rs11654254	C	0.0476
rs113510814	A	0.0207
rs4790699	G	0.0243
rs34997192	T	0.0392
rs7213624	C	0.0521
rs117117100	A	-0.035
rs11654632	C	-0.0122
rs7221438	T	0.0145
rs4377216	C	-0.0172
rs142827413	A	-0.0846
rs12937852	C	-0.0167

rs144179108	G	0.0599
rs10221239	T	0.0771
rs3094271	C	0.014
rs56331035	C	0.0205
rs142251609	G	0.0552
rs1262619	A	-0.0119
rs9899869	T	-0.0135
rs118031641	T	0.0645
rs56702013	A	-0.0179
rs71382482	T	-0.0416
rs1964480	A	0.0264
rs78515320	T	-0.0427
rs62066639	A	0.0371
rs62070755	T	-0.0177
rs62086566	C	-0.0131
rs2377397	C	0.0185
rs150333964	T	-0.0537
rs4985699	C	0.0118
rs78780583	T	0.0236
rs9900532	C	-0.0115
rs116959643	A	-0.0539
rs117911016	A	0.0611
rs12936796	A	-0.0271
rs7225916	G	0.0131
rs2970062	A	-0.0275
rs140575634	A	-0.0436
rs118182534	G	-0.0515
rs79913477	T	0.0556
rs7210686	C	-0.0124
rs117555997	T	0.0728
rs72920931	A	-0.029
rs8077641	T	0.0591
rs12943838	A	0.0233
rs11655575	A	-0.0259
rs8065459	T	0.017
rs138171670	G	-0.049
rs113258835	C	0.037
rs77643165	T	-0.0145
rs880316	T	-0.0187
rs56127676	A	0.0346
rs8082043	T	0.0119
rs12943984	A	0.0205
rs150928695	A	0.0282
rs17732672	T	0.0241
rs881563	G	-0.0156
rs227703	A	-0.0248
rs118104110	T	0.0444

rs113826291	G	-0.0898
rs112199238	T	0.0312
rs74649011	G	-0.0259
rs72812872	T	0.0874
rs10852965	A	0.0148
rs150755563	T	-0.0642
rs77804554	A	0.0252
rs62060679	A	0.0683
rs56152626	A	-0.0584
rs12602322	T	-0.0188
rs2168787	T	-0.0131
rs71369690	A	0.0364
rs8075438	A	0.0373
rs4790021	C	0.0114
rs7214466	C	-0.0126
rs117473221	C	0.0536
rs7217996	A	0.0221
rs111325162	C	0.0646
rs113110483	T	0.0481
rs35488441	G	-0.0316
rs148058621	C	0.0321
rs28515863	G	-0.0246
rs34711409	A	-0.0157
rs117614435	G	-0.0796
rs111467802	G	-0.0212
rs117242199	T	0.0489
rs875213	A	-0.0167
rs35207503	T	0.019
rs4925097	A	0.0385
rs7220125	A	0.0468
rs7214744	A	0.0145
rs72808043	A	0.0433
rs117596754	A	0.0449
rs12951527	T	0.0664
rs17681503	C	0.0214
rs10775405	T	-0.0122
rs58611856	T	-0.0409
rs78798301	T	0.0452
rs8072031	A	0.0196
rs78840286	G	0.0567
rs3744314	T	0.0148
rs112269217	T	-0.0399
rs140658668	A	0.0463
rs139958144	A	-0.0794
rs117320651	G	-0.0405
rs117183340	T	0.0474
rs138697057	T	0.0563

rs16944998	G	-0.0308
rs34142002	C	0.0162
rs7216149	A	-0.0162
rs9902327	T	-0.0402
rs78876140	C	0.0883
rs55884267	T	-0.0443
rs113754618	T	0.0271
rs36092443	A	0.0424
rs11077378	C	0.0108
rs117987990	T	-0.0797
rs766556	C	0.0739
rs3935538	T	-0.0236
rs116877375	T	0.0513
rs11871247	T	-0.0117
rs758658	C	-0.0118
rs76285187	C	-0.046
rs9914775	T	0.0439
rs1051443	G	-0.0154
rs4985680	C	-0.015
rs9901248	T	0.0133
rs4796029	G	0.0264
rs9890581	T	-0.0112
rs74706498	C	-0.0686
rs148341624	A	-0.0824
rs56386157	C	-0.0155
rs75316528	A	0.0159
rs12941152	C	0.0142
rs7216398	T	0.043
rs1552846	T	0.0145
rs8068117	C	0.0248
rs113787204	C	0.0499
rs78113792	T	-0.0555
rs138375775	A	0.0793
rs1805431	G	0.0158
rs116847799	C	0.0295
rs35683939	G	-0.0199
rs7502013	A	0.0268
rs16950626	T	0.0266
rs66479497	A	0.014
rs112702496	C	0.0657
rs112853504	G	0.0321
rs77234976	G	-0.0156
rs112988153	A	0.0275
rs111895257	A	0.0359
rs141016192	T	-0.03
rs6502374	A	-0.0127
rs4273102	C	0.0215

rs36105864	C	0.0137
rs4889801	C	-0.0162
rs76263310	A	0.0623
rs74575241	C	0.0826
rs591436	A	0.0143
rs4796406	C	-0.0256
rs2674955	T	-0.0391
rs11650999	A	0.0191
rs205033	G	-0.027
rs12453853	A	-0.0191
rs10445383	G	-0.0188
rs72816159	T	-0.0418
rs116388827	A	0.0639
rs117648276	C	0.063
rs142484805	C	0.0697
rs7212329	A	0.0197
rs8070906	T	0.0631
rs77265918	T	0.0779
rs9895992	A	-0.0104
rs11654705	T	0.04
rs8093731	T	-0.6136
rs3745091	C	0.2649
rs8096036	T	0.0718
rs35549878	C	0.083
rs604476	A	0.1613
rs77152522	A	0.1354
rs17809911	T	-0.0881
rs614793	T	-0.0905
rs113474397	C	0.1517
rs10853370	C	-0.0654
rs79848479	C	0.3678
rs8099773	G	0.078
rs118192075	C	0.2342
rs503331	A	-0.062
rs9965841	A	0.1787
rs12957496	A	0.2103
rs2156500	A	-0.0595
rs113732589	G	-0.1172
rs605022	T	-0.3577
rs72890974	A	0.0974
rs2849448	C	0.1501
rs57730400	G	0.0858
rs3110689	T	-0.0684
rs112878622	A	0.3428
rs28671262	A	0.096
rs7240967	A	-0.0548
rs8095585	A	0.0567

rs11080501	C	-0.0567
rs78180796	A	-0.0849
rs76529369	A	0.2383
rs146982359	T	0.0642
rs117513982	T	-0.3226
rs1813488	T	0.2256
rs1129621	T	-0.0601
rs7230696	G	0.0587
rs35124878	T	0.2135
rs11080702	G	0.0741
rs34396332	C	0.225
rs9944579	A	0.0606
rs74354143	T	0.1004
rs113418797	T	-0.0909
rs59842805	A	0.0976
rs72913705	A	0.1407
rs7244521	C	0.1401
rs113575060	C	0.1931
rs76848715	T	0.2315
rs62096861	A	-0.1509
rs4578736	C	0.0524
rs1598665	A	0.0828
rs487908	G	0.065
rs79968498	T	-0.2035
rs117677078	C	0.125
rs34928562	A	-0.0927
rs141007034	T	-0.2696
rs117212859	A	0.2574
rs74369630	C	0.1616
rs141805652	T	0.1563
rs991654	T	-0.0567
rs151108266	T	-0.2818
rs988213	G	-0.0505
rs56680461	G	-0.3419
rs9959162	C	0.0661
rs7230434	C	0.0648
rs72933641	A	0.0784
rs7242253	C	-0.0544
rs1261131	C	0.2233
rs16941292	C	0.1345
rs12967300	G	-0.055
rs79521916	A	0.139
rs8083956	T	-0.07
rs1657419	T	0.051
rs117601169	A	-0.2841
rs9789148	T	-0.0797
rs9948961	A	0.1762

rs4799419	T	0.0904
rs2051268	C	-0.0681
rs111571108	A	0.073
rs17759405	A	0.2278
rs6566901	A	0.0633
rs72952683	G	0.2882
rs12954227	A	0.2239
rs1598786	T	-0.0547
rs145838864	T	-0.3125
rs7232412	A	-0.0497
rs16950778	G	-0.1823
rs79917891	G	0.1911
rs155324	A	-0.0494
rs140613527	T	0.2557
rs76045891	A	0.1911
rs34560823	T	0.0632
rs118073081	A	-0.2494
rs9962202	T	0.2489
rs74438194	C	-0.3154
rs74364514	A	-0.3427
rs112754109	T	0.0957
rs4456599	G	-0.053
rs77486888	T	0.1641
rs76448124	A	-0.0817
rs143745456	A	0.3147
rs2655363	C	-0.1051
rs35046856	T	-0.0637
rs4372771	T	0.1316
rs61681561	G	0.2473
rs12955790	G	0.0595
rs77002808	C	-0.2627
rs7237894	C	0.052
rs73951733	G	0.2615
rs117186093	G	0.1949
rs79176334	A	-0.1142
rs4390677	A	0.1594
rs12959233	A	-0.065
rs4325641	T	0.0538
rs73423188	A	0.2259
rs138499647	G	-0.2982
rs117688008	A	-0.3198
rs13380891	A	0.0509
rs111310158	C	0.0924
rs66637603	A	0.0484
rs683277	G	-0.0856
rs9954239	A	-0.0502
rs77462933	T	0.2229

rs12967215	G	-0.0958
rs11150985	G	-0.0466
rs73960530	T	-0.1574
rs151214390	T	-0.3759
rs77945863	C	0.1617
rs117131598	T	0.3842
rs8088984	C	0.0721
rs72998152	T	-0.174
rs1258132	T	0.0593
rs8095826	C	-0.046
rs34866675	G	0.11
rs34496489	A	0.1184
rs28580641	C	-0.0556
rs117436225	G	-0.2552
rs147730652	G	0.195
rs139011587	T	0.2137
rs12965201	T	0.052
rs62098900	T	-0.0709
rs16969380	T	-0.0616
rs35416770	G	-0.0844
rs113411219	A	-0.06
rs4798539	C	-0.0884
rs12956123	G	-0.0618
rs4263031	G	-0.0476
rs117631167	G	-0.2659
rs1382128	A	-0.0453
rs12965248	C	-0.0826
rs3786203	A	0.0531
rs61755362	A	0.2134
rs3891810	C	-0.0736
rs17824665	C	0.0624
rs9954180	A	0.0985
rs138808547	T	0.2009
rs529630	A	-0.2187
rs10853684	T	0.074
rs7227485	A	-0.0456
rs7235456	A	-0.1498
rs576735	T	-0.0492
rs17704953	C	0.152
rs68020096	G	-0.059
rs17073555	G	0.0572
rs75796562	T	0.1052
rs12456077	C	-0.0481
rs35582361	G	-0.0987
rs71353250	C	0.1509
rs1784624	C	0.0902
rs35822778	A	-0.0477

rs2017581	A	-0.0641
rs4797313	A	-0.0503
rs7226659	T	-0.1062
rs17058339	T	0.0613
rs17668835	G	0.0825
rs45556134	A	0.1063
rs9952901	C	0.054
rs78125443	A	-0.1797
rs17716461	A	0.0688
rs75533121	T	-0.1362
rs481060	G	0.0537
rs149598694	C	0.2263
rs9319723	A	-0.0453
rs1290366	T	-0.0496
rs117014189	G	0.1322
rs150745925	G	-0.2512
rs4940167	A	0.046
rs73459502	C	0.1342
rs74635960	G	-0.2138
rs6505550	T	0.0722
rs76763577	G	-0.084
rs80187959	G	0.0995
rs35439231	A	0.131
rs9945548	T	-0.0747
rs150212939	A	-0.388
rs60262423	A	0.0527
rs6423428	T	-0.0919
rs115192343	G	0.2221
rs2924329	A	-0.0479
rs35093221	C	-0.0779
rs75632100	A	0.1716
rs35710301	A	-0.0542
rs7239596	G	-0.0546
rs578026	G	-0.0476
rs3971135	A	-0.0966
rs433620	C	-0.0446
rs2741004	C	-0.045
rs516154	C	0.0474
rs117892634	A	0.1961
rs17081569	G	0.0921
rs12961647	G	-0.0454
rs138219379	A	0.2431
rs77142322	C	0.1426
rs12458245	G	0.0635
rs150125641	G	0.2701
rs1376201	G	0.0515
rs144786859	G	0.1628

rs144105405	T	0.1387
rs9958194	C	-0.0451
rs113009125	A	0.1698
rs6506537	C	0.0509
rs12959958	C	-0.1899
rs117537599	A	-0.1846
rs8098755	A	-0.0519
rs29067	G	-0.0451
rs12969536	C	0.0469
rs11661385	G	0.0511
rs12967992	A	-0.0511
rs8099745	T	-0.0728
rs12967619	G	-0.2177
rs16943278	C	0.1506
rs283230	T	-0.2294
rs7230886	C	0.0681
rs78151580	C	-0.0765
rs142475111	C	-0.4826
rs11082785	T	-0.16
rs749452	T	-0.047
rs61647957	C	-0.117
rs1848358	T	-0.0581
rs34280986	A	-0.1801
rs17084337	T	0.0699
rs17088399	C	0.0477
rs8086175	T	0.0462
rs12605373	C	0.2604
rs6506680	T	-0.0533
rs541218	C	-0.2168
rs12956842	A	0.1266
rs148556071	T	-0.1675
rs7234371	T	-0.0449
rs1648275	G	0.0522
rs12954567	T	-0.1894
rs2156209	T	-0.0941
rs12956477	C	-0.1742
rs4798137	T	0.0498
rs72913771	A	-0.0661
rs2614992	T	-0.0579
rs117954526	C	-0.3703
rs117146285	T	0.2215
rs72875879	G	0.0839
rs4798198	T	0.0497
rs75518760	C	0.105
rs4417623	G	0.0454
rs4591235	G	-0.0488
rs72941624	T	-0.2744

rs6508576	C	-0.062
rs72895304	G	-0.2001
rs76723717	C	0.3316
rs1694253	A	0.2918
rs113616882	A	0.0869
rs115181045	T	-0.2757
rs34086801	C	-0.1091
rs75097822	C	-0.2348
rs17062940	A	0.156
rs74993368	A	0.2939
rs627777	T	-0.0463
rs72911693	C	0.1609
rs113916252	C	0.0969
rs115707461	T	0.183
rs77577588	C	0.1618
rs9635962	A	-0.0431
rs12456841	C	-0.0452
rs115566958	T	0.2887
rs36000971	T	-0.2568
rs77700730	T	0.273
rs1893233	C	-0.0518
rs2957292	A	-0.0567
rs8082777	C	-0.1285
rs35808965	C	0.044
rs141934986	T	-0.1862
rs34946503	G	0.0421
rs58787712	A	-0.0711
rs75336002	G	0.065
rs149557275	T	0.2567
rs140051388	T	0.2161
rs8084765	A	0.0518
rs592718	T	-0.0422
rs11152350	A	0.0405
rs307119	A	-0.0419
rs74523103	A	-0.1637
rs1431786	T	-0.1254
rs6565911	A	-0.0447
rs1623269	A	-0.062
rs17502523	A	0.0439
rs72910389	C	-0.1331
rs117223232	C	0.1827
rs62082384	G	-0.0797
rs11082726	G	0.0425
rs72942809	C	0.2395
rs12956229	T	-0.0474
rs6508123	A	0.0528
rs143179518	A	-0.2184

rs7239412	A	-0.0568
rs80202899	A	0.0739
rs56714488	A	0.056
rs72957601	T	-0.1727
rs16945645	C	0.1077
rs7228963	G	0.0524
rs6566946	G	0.0612
rs1217560	C	0.0724
rs727875	A	-0.0441
rs11663067	C	-0.0683
rs11872275	C	0.1577
rs28505076	A	-0.1811
rs17445798	T	-0.1567
rs34902666	G	0.0813
rs7230589	C	0.0811
rs77412132	C	-0.212
rs62076967	G	0.1084
rs118154552	A	0.1245
rs1942363	A	0.0558
rs4941279	T	-0.0434
rs16964973	G	0.0863
rs75567719	T	0.2172
rs139630401	A	-0.1401
rs16960373	G	0.0776
rs481522	C	-0.0565
rs10460086	A	-0.0456
rs75982245	A	-0.1608
rs4800676	T	0.1379
rs4439837	T	-0.1265
rs117373160	T	0.1207
rs117636141	A	-0.0778
rs117885634	T	-0.0888
rs72879665	A	0.2472
rs112275653	C	0.1498
rs72936308	T	0.0834
rs12962028	A	0.1639
rs6567267	C	-0.0409
rs3744951	C	0.1229
rs137968892	T	0.2314
rs77111568	T	-0.2498
rs67057979	A	0.0449
rs1789598	A	-0.0485
rs2849358	A	-0.0534
rs117963832	C	0.2325
rs73966675	A	-0.2373
rs2053248	T	-0.0413
rs117682361	T	0.1221

rs11083280	A	-0.0566
rs9636010	C	0.0397
rs113051364	G	0.2356
rs1424454	A	0.0475
rs631721	T	-0.0767
rs80153767	A	0.0984
rs2881248	G	-0.0613
rs143327906	G	-0.0419
rs4239325	C	0.0726
rs116902813	A	0.1885
rs28724274	C	0.0488
rs117330917	A	-0.2623
rs80081038	A	0.1713
rs138766897	T	0.3052
rs8095987	G	0.0394
rs11151807	A	0.2027
rs58245208	T	0.3027
rs62098988	A	-0.3142
rs12606626	C	0.0671
rs8088296	A	0.0398
rs75590461	T	0.0794
rs11662944	G	0.0682
rs17069572	C	-0.0776
rs9948841	G	-0.0426
rs17747839	T	0.0862
rs4940996	T	-0.0536
rs12454718	T	0.1754
rs11872219	A	-0.0392
rs12605346	G	-0.0429
rs35578052	T	-0.0394
rs75023429	C	-0.1037
rs12607154	A	0.0719
rs55810244	A	0.0509
rs117207105	T	0.1709
rs62094888	A	-0.0652
rs55710939	C	-0.2093
rs238112	A	0.0894
rs55642665	G	0.0478
rs142639427	G	0.1939
rs497999	G	0.0426
rs79416003	A	0.1966
rs73446999	T	0.0687
rs11082040	G	-0.0833
rs662164	T	-0.0414
rs117115340	A	-0.1035
rs16945404	C	-0.0434
rs140690533	G	0.2533

rs78201974	A	0.0841
rs77647210	T	-0.1432
rs9960408	A	-0.0687
rs62101540	T	0.1626
rs75090126	G	0.0701
rs7241978	T	-0.0464
rs9952355	G	0.0411
rs1791504	T	0.1019
rs72854890	G	-0.0667
rs75903411	C	-0.1692
rs146515002	T	0.2048
rs117346288	T	-0.2465
rs9961221	T	-0.0521
rs72965012	G	0.0689
rs72942776	G	-0.0534
rs77585373	A	-0.1176
rs117498114	T	-0.1646
rs66943313	T	0.0972
rs4346287	A	0.0564
rs151144980	G	-0.2378
rs76417242	A	-0.2584
rs112018958	G	-0.1611
rs17088258	T	0.0448
rs7231041	C	0.0453
rs4430841	A	0.0708
rs2732216	T	-0.0401
rs79787722	C	0.1876
rs117506580	T	0.2331
rs143183817	C	-0.2043
rs4891319	C	-0.0408
rs3851145	T	-0.1352
rs611776	G	-0.0482
rs3786429	G	0.1733
rs80163443	A	0.055
rs2621183	A	-0.0802
rs142643929	A	-0.2237
rs4516308	T	-0.0726
rs12606957	T	-0.0433
rs75186979	A	-0.0628
rs74551425	C	-0.1217
rs4462702	C	0.069
rs28628885	G	-0.0382
rs59514449	T	0.1477
rs72918338	C	-0.1446
rs34433741	G	0.0491
rs11081497	C	-0.0878
rs75041495	T	0.3091

rs9807153	T	0.0544
rs8095699	T	0.1364
rs78130776	T	-0.1128
rs74824416	T	0.2637
rs4940875	T	0.0811
rs1347012	G	0.131
rs80287313	T	-0.0458
rs330310	A	0.0575
rs1374642	C	0.0558
rs73943403	G	0.1908
rs7226576	C	-0.0859
rs76443844	C	0.1401
rs12454019	T	-0.1383
rs34081062	C	-0.0582
rs7237165	C	0.0442
rs143309495	C	-0.1888
rs34117424	A	-0.1204
rs1979321	T	0.044
rs60180725	T	0.1065
rs8093777	C	-0.0399
rs76550020	T	0.0787
rs28422970	G	0.0479
rs894759	T	-0.1604
rs558848	T	0.0642
rs76338374	A	0.0723
rs55939561	T	0.051
rs11082280	G	-0.0433
rs2119547	T	0.0618
rs604565	A	-0.044
rs57655388	G	-0.0874
rs73370359	A	-0.0727
rs34390112	A	0.1474
rs55645701	A	-0.0669
rs1893215	C	-0.0465
rs77321447	T	0.2549
rs8096946	G	-0.0664
rs12605231	A	-0.0609
rs8092495	T	0.0569
rs333105	T	-0.0574
rs117405767	G	0.1467
rs74915550	A	0.2052
rs9966109	C	0.0808
rs112864481	C	0.2412
rs117257222	A	-0.1363
rs7229745	A	0.0473
rs8085980	G	-0.0398
rs11875744	T	0.0708

rs2660250	T	0.0448
rs9958585	C	0.052
rs7228157	C	-0.0395
rs9958386	T	-0.0397
rs35606926	C	0.0795
rs8099547	T	0.0643
rs4941185	G	-0.0422
rs78192384	A	0.2745
rs11663294	C	-0.0401
rs10514013	G	-0.069
rs74488692	C	0.1646
rs28446733	A	-0.0424
rs142687243	T	0.1665
rs33999846	T	0.1592
rs594714	T	-0.0383
rs80207284	T	-0.0495
rs111559901	C	-0.2931
rs112448139	A	-0.0555
rs78064496	A	0.0621
rs75182916	A	-0.1732
rs4890567	G	-0.041
rs595287	A	-0.042
rs113586506	T	-0.1571
rs62079938	G	-0.0579
rs1623173	C	0.0594
rs11664596	A	-0.0377
rs2140719	C	0.0676
rs117173497	G	-0.2066
rs142641974	C	0.226
rs56303724	C	0.0935
rs6507078	A	-0.0544
rs4940643	A	0.0933
rs4890336	T	0.0422
rs3813115	A	0.0676
rs9950643	A	0.0453
rs755163	A	-0.0752
rs7239044	G	-0.1686
rs593234	A	0.0416
rs116916620	T	-0.3357
rs72865419	A	0.0709
rs79421398	C	0.1209
rs140272419	A	0.0873
rs12458107	C	0.0718
rs1523233	C	0.0493
rs118150554	A	0.1169
rs11151027	A	0.0462
rs2584733	T	-0.0437

rs1705515	T	0.0397
rs74870326	T	0.0753
rs7234978	A	0.046
rs4290560	A	0.0444
rs1466374	T	-0.0379
rs80238164	A	0.0912
rs276933	T	-0.0405
rs9953533	C	0.0929
rs72949010	A	0.0855
rs111611442	A	0.1771
rs4346293	T	-0.0549
rs2510534	C	-0.1185
rs12958697	C	0.0459
rs139490426	C	0.2376
rs8088869	T	0.0818
rs8085707	T	0.0526
rs218550	T	-0.0478
rs75027453	T	0.1131
rs73963076	T	0.1406
rs11877280	C	0.0956
rs75780925	C	0.0781
rs140567980	T	-0.2305
rs62091988	C	0.0625
rs74777030	C	0.1803
rs112925811	A	0.173
rs150323540	A	0.1671
rs1893619	A	-0.0649
rs13381538	A	0.0583
rs9945057	C	-0.0382
rs16977161	G	0.0599
rs4427891	G	-0.0709
rs17410847	C	0.0484
rs11665528	A	-0.0411
rs75014244	A	0.2124
rs7230289	C	-0.0377
rs11660181	T	-0.0527
rs80090252	A	-0.181
rs113423362	G	0.2465
rs117055022	C	-0.1609
rs7229266	C	0.0424
rs72876194	C	-0.0653
rs72954617	G	0.0568
rs71361310	C	-0.0926
rs56157834	G	-0.0546
rs1582789	A	-0.0833
rs2120321	T	0.0473
rs7226979	T	-0.0366

rs2056015	G	-0.0385
rs11152355	A	0.1146
rs9954217	G	0.0421
rs1241078	T	0.1577
rs62081853	G	0.0792
rs9304251	T	-0.0655
rs35615892	G	-0.0893
rs117883203	A	0.0693
rs9954480	A	-0.0509
rs1785124	A	0.1856
rs17265639	A	0.0752
rs62104280	T	-0.0563
rs11873805	A	-0.055
rs11661218	A	-0.0464
rs11082498	C	-0.0432
rs142782544	A	-0.2498
rs8091635	T	-0.0375
rs76779320	T	0.1985
rs17187605	A	-0.0924
rs72985679	A	0.1167
rs17684642	T	0.2272
rs884906	G	-0.0522
rs72890923	G	0.1021
rs140208753	C	-0.1938
rs60409321	C	0.1789
rs76927498	A	0.132
rs62097857	A	0.1551
rs77603765	T	0.2429
rs12326448	A	-0.0764
rs117080744	C	-0.2689
rs17061749	G	0.2569
rs1684985	T	0.123
rs7240119	T	0.0369
rs2306163	G	-0.0387
rs687722	G	0.0379
rs79766242	T	-0.1846
rs495960	C	-0.0816
rs434304	G	0.0645
rs3851132	T	-0.0426
rs2315257	T	0.0852
rs4459616	T	-0.1334
rs34567042	G	-0.0427
rs4941149	T	-0.0519
rs17813045	G	0.1132
rs151053303	A	-0.2828
rs57940982	G	0.069
rs142864059	T	-0.1674

rs138613802	T	0.222
rs6507336	C	-0.069
rs117821921	C	0.2185
rs734011	C	-0.0445
rs9946413	T	-0.0682
rs2705362	T	0.0415
rs4798732	A	-0.0591
rs140096396	C	-0.1357
rs7244109	G	-0.0426
rs673251	C	0.0404
rs518023	C	0.038
rs784240	C	0.0895
rs2851752	T	-0.0894
rs12958254	A	0.0493
rs74977064	G	-0.0759
rs116953349	C	0.1235
rs147338809	G	-0.237
rs8090006	G	0.0358
rs113015631	A	-0.0859
rs61052677	C	0.0515
rs79523616	C	0.1129
rs1528832	G	-0.0483
rs112386610	C	0.1078
rs357892	G	-0.0415
rs16947273	C	0.1268
rs17505217	A	0.0474
rs72861632	G	-0.246
rs411056	T	0.096
rs1963826	A	0.0459
rs1272845	G	-0.038
rs17273765	G	-0.0667
rs148838146	G	-0.1148
rs503754	C	0.091
rs8097011	T	0.1524
rs12458532	C	-0.0382
rs118016448	T	0.1511
rs4941056	G	0.1823
rs142982145	T	0.1888
rs6567288	G	-0.0356
rs12455125	C	0.049
rs1617856	T	0.0398
rs118094842	A	-0.0652
rs16946560	G	0.1917
rs7240339	T	-0.0366
rs1421203	C	-0.0457
rs62095695	A	0.1914
rs76782175	A	0.1164

rs8088409	T	-0.1822
rs7242047	A	0.1156
rs72634385	C	0.1045
rs117301192	A	0.1478
rs4476254	A	0.044
rs4280345	C	0.0976
rs34323378	C	-0.0518
rs9951369	T	-0.2376
rs112137673	G	0.181
rs7237973	A	-0.0447
rs1077155	A	0.0387
rs591272	G	-0.0513
rs12373231	A	0.1181
rs112154505	C	0.1545
rs60423170	T	-0.0678
rs117827783	A	-0.1826
rs145942256	T	0.0927
rs11082903	A	0.0376
rs9952931	G	0.0385
rs16978354	T	0.0743
rs76009760	C	-0.136
rs8192595	G	-0.0686
rs10514883	T	-0.0446
rs2298504	A	-0.0531
rs112081515	G	0.1155
rs656008	T	0.0388
rs4407156	T	-0.0359
rs900966	T	-0.0373
rs147708674	A	-0.0459
rs78211908	C	0.0847
rs76371719	C	0.0896
rs74470089	C	-0.1517
rs7236598	T	0.1664
rs11082105	G	0.0705
rs4799906	T	0.0355
rs17077752	A	0.0484
rs79126854	T	-0.1207
rs8091043	C	-0.0395
rs6566896	T	0.0465
rs1256725	A	0.0442
rs8097577	C	0.037
rs77864724	G	0.3466
rs74255565	G	-0.1188
rs9963328	C	-0.0709
rs149424	T	0.0922
rs72915293	C	0.2289
rs59324311	G	-0.1164

rs79164653	A	0.0942
rs4243316	T	-0.0376
rs1873126	T	0.0372
rs79305938	T	0.1319
rs72955117	T	-0.0607
rs62092140	C	-0.1381
rs12969215	G	0.0398
rs17263755	T	0.1196
rs112686821	A	0.1212
rs9807212	G	-0.0701
rs60293714	A	-0.0765
rs55890229	T	-0.0437
rs60610464	A	-0.0463
rs72887316	A	-0.0468
rs72909503	C	0.1661
rs72935435	A	-0.1642
rs75062505	A	0.1609
rs11663318	G	0.0377
rs72867160	G	0.0587
rs12454870	T	-0.1174
rs7506430	C	0.138
rs76649144	A	0.0573
rs117038868	A	-0.2028
rs72928778	G	0.0448
rs62091545	G	-0.0578
rs17669035	T	0.0384
rs55671496	C	0.2611
rs12963959	T	0.1814
rs118155518	C	0.0619
rs34802337	C	-0.0379
rs149418841	A	0.2829
rs79740269	A	-0.1261
rs72861295	T	0.08
rs8097115	G	-0.1209
rs56408816	G	0.1028
rs62081250	T	0.0406
rs11663697	T	0.1275
rs117137608	C	-0.1084
rs17700058	A	-0.1909
rs72977416	C	-0.2374
rs12327023	A	-0.269
rs4310941	A	0.0389
rs78243510	T	0.2469
rs72953158	C	0.159
rs7227027	T	0.0378
rs77168173	G	0.067
rs4890818	A	0.0812

rs78061178	A	0.0942
rs79653726	A	-0.1565
rs117133307	G	-0.1871
rs4149603	A	0.2648
rs75547571	A	0.1607
rs79768001	G	-0.2228
rs682565	C	-0.0386
rs143143214	T	-0.2335
rs1442664	G	0.0362
rs117684850	C	-0.1454
rs74928586	A	-0.1439
rs1523877	G	-0.0634
rs149931591	G	0.2166
rs12455464	C	-0.0365
rs147269070	G	0.2109
rs10468763	C	0.0447
rs72878740	G	-0.0788
rs74611586	G	-0.1562
rs8097951	C	0.247
rs556447	G	0.043
rs116847803	A	-0.0482
rs59570002	T	0.1178
rs9952837	T	-0.0468
rs630320	C	0.1182
rs4798108	C	0.0466
rs55823308	T	0.1274
rs12607229	G	0.0352
rs113129886	G	-0.2278
rs17351537	T	0.0957
rs78718877	T	-0.193
rs77610518	A	0.101
rs56173310	G	0.0458
rs1789137	G	-0.0924
rs74588321	G	-0.1688
rs116737980	A	0.1715
rs8094072	G	0.0339
rs79703952	A	-0.1692
rs56061367	T	-0.0518
rs12604264	C	0.047
rs17498301	G	0.0586
rs7227024	A	-0.0435
rs476191	T	0.0343
rs1196945	A	-0.036
rs117662383	A	0.1756
rs12456915	G	0.0384
rs12457335	A	0.1362
rs7238026	G	0.0382

rs138314139	A	0.1784
rs35734270	T	-0.0445
rs17192737	T	-0.0501
rs144811869	T	0.172
rs118137986	C	-0.2697
rs2442007	C	0.0647
rs114730635	C	-0.2037
rs6505540	A	0.0393
rs28808324	T	0.1966
rs7241198	T	-0.0474
rs142930830	T	-0.1307
rs72887927	C	0.0928
rs118155119	C	-0.0991
rs8089868	A	-0.0521
rs12185442	G	0.058
rs148740449	G	0.1501
rs1785177	C	-0.0512
rs8091374	A	-0.0508
rs12454351	T	-0.0357
rs9989612	T	-0.0362
rs613326	C	-0.042
rs12957534	C	-0.0497
rs12970933	G	0.0452
rs74829817	G	-0.17
rs17204192	A	-0.0479
rs77352683	A	0.0803
rs148334051	T	0.1615
rs74819146	A	0.11
rs8083753	T	0.038
rs11660313	T	0.0535
rs113022020	G	0.1862
rs1563497	G	-0.0455
rs600589	A	-0.0366
rs9950594	T	-0.0894
rs145830670	C	-0.0781
rs11081564	G	-0.0491
rs11664134	T	-0.0589
rs8094981	C	0.0367
rs118175918	G	0.1748
rs1893792	T	0.0467
rs7240833	T	0.0495
rs117723936	G	-0.2071
rs12957397	C	0.0892
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rs8093948	C	0.0578
rs35228655	G	0.0399
rs118135994	T	-0.1522

rs9635977	C	-0.044
rs8095790	G	0.0439
rs564975	C	-0.0605
rs10164171	A	0.0498
rs12605252	A	0.0645
rs118101714	A	-0.1838
rs1786812	G	-0.0374
rs16950739	T	-0.1081
rs1708699	T	-0.0377
rs9965347	G	0.0373
rs78805746	C	-0.1165
rs163063	A	-0.1158
rs8087034	A	0.0442
rs34092067	A	-0.091
rs13313691	A	0.1455
rs17068242	G	-0.0835
rs2850912	G	-0.0351
rs72889428	G	-0.0484
rs79093588	A	0.1326
rs7237262	C	0.1461
rs9748332	A	0.0917
rs78152995	T	-0.1599
rs76097394	C	-0.1975
rs9944542	C	0.1453
rs17798885	T	0.049
rs464439	T	0.0475
rs8095525	T	0.0352
rs58736086	T	0.1675
rs75116453	T	0.0774
rs79483009	T	0.1693
rs4422049	A	-0.0504
rs75547147	C	-0.128
rs3974646	G	0.038
rs148055593	A	0.1308
rs4798141	T	-0.0696
rs9959465	T	-0.044
rs78051101	A	-0.1647
rs117768092	G	0.1944
rs1221890	G	0.0825
rs9807674	T	0.0494
rs17719026	T	0.1265
rs140696867	T	-0.2192
rs72884421	C	0.207
rs59960839	C	0.0506
rs79560368	C	-0.2037
rs317809	A	0.0334
rs681725	C	-0.0329

rs9946285	T	-0.0712
rs72965968	T	-0.3137
rs117950536	C	0.2462
rs77032811	G	-0.1126
rs74781300	C	0.129
rs7231052	T	-0.0507
rs11659373	C	-0.1591
rs72877614	G	-0.0745
rs8094791	A	0.059
rs112103097	G	0.1098
rs12454712	C	-0.0393
rs13313662	T	0.0415
rs62102338	G	0.0478
rs12457050	A	-0.0689
rs9951226	A	-0.1026
rs75624036	C	-0.1538
rs900745	G	-0.2086
rs34962860	T	0.087
rs35181921	A	-0.0402
rs12957300	G	-0.0663
rs11660968	T	0.1964
rs62101913	C	0.1513
rs12966184	T	0.0567
rs12959988	T	-0.0408
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rs12958711	C	0.1528
rs9956661	A	0.0483
rs116099297	G	-0.0647
rs77536980	A	0.062
rs56341525	T	0.1871
rs58299713	G	0.0824
rs8094026	A	0.0866
rs143535681	T	-0.2183
rs471207	G	-0.0453
rs148185409	T	-0.1871
rs72920536	T	0.1563
rs72894872	G	-0.207
rs151204838	G	0.1394
rs6566963	A	0.033
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rs147423948	G	0.2158
rs2052661	C	-0.0365
rs16943989	A	-0.0513
rs12232675	A	-0.0401
rs34363291	G	0.0423
rs62085790	T	0.0398
rs13382005	G	-0.0659

rs1618609	A	0.1067
rs62101150	G	0.1971
rs62087121	A	0.1099
rs72917638	A	0.1532
rs7242147	C	0.0419
rs113863887	C	0.1982
rs58703063	C	-0.035
rs146621932	T	-0.1926
rs8096586	A	0.0386
rs138215167	A	0.1448
rs79729142	C	-0.1718
rs78992342	C	-0.2482
rs1815956	A	0.0344
rs8093433	A	0.0361
rs72921663	T	-0.1056
rs72925079	C	0.0721
rs9957141	T	0.1319
rs7242580	G	-0.0374
rs7237191	A	-0.039
rs1481041	C	0.1244
rs117389919	A	-0.1557
rs75558494	T	0.0691
rs62086119	G	0.1007
rs11080574	T	-0.0665
rs74766228	T	-0.1032
rs8090516	A	0.034
rs62098864	A	-0.0484
rs72918820	A	-0.0523
rs11659751	A	-0.079
rs8093691	T	-0.0855
rs72909389	G	0.1482
rs74876334	C	-0.2188
rs72892159	G	-0.0616
rs139913227	T	0.109
rs138525419	G	-0.2433
rs4426445	T	0.0339
rs2931018	A	-0.036
rs75388705	T	0.1415
rs117832653	A	0.2038
rs8093551	T	-0.0382
rs12607548	A	0.0663
rs920308	A	-0.0399
rs77710391	A	-0.0651
rs77248273	G	0.0598
rs4891169	T	-0.0381
rs72898593	A	-0.1031
rs645223	C	0.047

rs35882474	A	0.0494
rs117478708	G	0.1148
rs79426764	A	-0.113
rs4302142	T	0.0693
rs79128284	T	0.2336
rs77704560	A	0.1777
rs78527339	G	-0.1069
rs146287497	C	-0.2091
rs7505352	T	0.1228
rs143146653	A	-0.238
rs12455229	C	-0.0487
rs17090219	C	-0.0651
rs17642617	G	-0.0397
rs118043171	G	0.1379
rs149434798	A	0.1355
rs7242937	T	0.0471
rs17785131	T	-0.2122
rs7239604	T	0.0326
rs74905903	A	0.2265
rs80150469	A	0.1022
rs76388122	C	0.0651
rs7242428	G	-0.0444
rs113907672	A	0.1146
rs2847282	G	-0.0379
rs4940723	G	-0.0328
rs29102	C	0.0652
rs9960380	G	0.0427
rs112137921	A	0.1283
rs72886034	G	0.0667
rs8089434	T	0.1818
rs139250389	A	0.1664
rs144329090	G	0.1403
rs35814220	A	0.0391
rs328998	A	-0.0567
rs9303900	A	0.0341
rs11151770	A	0.0606
rs117458977	A	0.1225
rs150791026	T	-0.1873
rs71358406	A	-0.0627
rs75680805	T	0.1159
rs1967012	T	-0.0538
rs117091910	A	-0.137
rs17669699	G	0.0492
rs1579590	G	0.1466
rs12607056	A	0.0478
rs9957494	C	0.0369
rs78569732	C	-0.0667

rs17074963	C	-0.0717
rs12969816	A	0.1667
rs17078587	G	0.0527
rs140267277	T	-0.195
rs35719335	T	0.1349
rs1623345	C	-0.0707
rs950408	G	0.0321
rs75147276	A	-0.1359
rs77088204	A	0.0993
rs728080	G	0.0331
rs891311	T	0.0533
rs154929	A	-0.0401
rs76344079	T	-0.1002
rs8096673	T	0.0949
rs1196591	T	0.0418
rs148831528	T	0.1264
rs116925431	A	0.1051
rs112907934	A	0.125
rs112118513	A	-0.1591
rs72905665	G	-0.0502
rs75056758	G	0.1567
rs605818	T	0.0334
rs35525973	A	-0.2076
rs74908113	T	0.1233
rs111297421	G	-0.1696
rs12458308	G	-0.0444
rs56685665	G	0.166
rs2118628	C	0.0696
rs56001630	A	-0.0689
rs149913752	G	0.1544
rs6505829	A	0.0349
rs8097398	A	-0.1012
rs9954156	A	0.0862
rs72939864	T	0.0766
rs117568352	T	-0.1351
rs9963424	C	0.0558
rs384802	A	0.0507
rs35330488	T	0.1575
rs9947389	G	0.0418
rs144136422	T	0.1172
rs62076823	C	0.1017
rs2177857	C	-0.0487
rs28807688	A	0.0983
rs111463102	T	0.195
rs112847805	T	-0.0712
rs1154775	A	0.1454
rs2125538	A	-0.0397

rs4799801	C	-0.1979
rs12961839	A	-0.0476
rs4329999	A	0.0459
rs62089547	A	0.3037
rs7233851	T	0.1106
rs8087444	A	0.0392
rs28449865	G	-0.2
rs62092942	G	-0.1049
rs2702592	T	0.04
rs55928970	A	-0.0838
rs1400397	C	-0.0326
rs72955242	A	-0.0465
rs422182	T	0.0835
rs7226703	C	0.0704
rs115117749	A	0.1453
rs2113746	T	-0.0442
rs80013270	C	-0.1433
rs504442	T	0.0586
rs76015144	T	-0.1326
rs34972994	C	-0.0597
rs79658777	G	0.1245
rs1785234	C	0.0329
rs12965084	A	-0.0328
rs41335044	C	0.1257
rs79244489	A	0.2193
rs150781671	A	0.1453
rs117011420	A	0.0791
rs147868733	C	0.1924
rs76182966	C	0.0982
rs7351012	C	-0.0326
rs56371042	A	0.0428
rs117788325	T	0.1071
rs78105028	G	0.042
rs150841364	T	-0.1139
rs117066005	C	-0.1114
rs138890012	T	-0.2309
rs117893932	G	0.1924
rs78661325	A	0.1017
rs73972483	G	0.1753
rs143026088	A	0.1657
rs78783680	C	-0.0926
rs117339315	G	-0.1834
rs330985	A	0.0361
rs7233624	T	0.1238
rs12955939	T	-0.0321
rs62089153	T	0.1536
rs620979	G	-0.0388

rs11082527	T	0.0327
rs77543730	T	-0.181
rs162001	A	0.0565
rs11877723	T	0.0783
rs11661970	T	0.193
rs1917930	G	0.0937
rs1812680	C	-0.035
rs17205450	C	-0.1326
rs71359630	T	0.1528
rs74432758	A	0.0863
rs72985518	A	0.0491
rs76624894	T	-0.1376
rs76791979	A	-0.2374
rs149975091	T	-0.2105
rs61732473	T	0.2249
rs76184502	C	-0.0756
rs62096891	T	0.071
rs60550057	T	-0.1437
rs79226737	T	0.1769
rs148225159	T	0.1825
rs7234150	C	0.0477
rs948769	G	-0.0577
rs17230195	C	-0.0665
rs75499741	G	0.1698
rs1893516	G	0.0816
rs117034650	C	0.355
rs17087627	T	-0.0504
rs66659467	G	-0.0441
rs11081179	G	0.035
rs11152293	G	-0.0362
rs76824432	T	0.1683
rs72927038	T	0.1646
rs17768374	T	0.0414
rs9949687	C	-0.0321
rs8088802	A	-0.043
rs78348761	T	0.1656
rs11873837	C	-0.0693
rs139104269	A	0.1267
rs655485	C	0.0679
rs950430	A	0.036
rs77333924	G	-0.1244
rs117193316	A	0.1974
rs35249347	T	0.0375
rs73473473	C	0.034
rs111337328	G	0.1997
rs62096558	T	0.092
rs118080615	G	-0.1852

rs72995917	T	-0.0594
rs3017362	A	-0.0315
rs74623514	G	-0.093
rs114750320	T	-0.0871
rs557659	G	-0.0329
rs62081349	G	-0.0371
rs55997349	T	-0.0324
rs11659973	G	-0.0363
rs531018	A	-0.0578
rs36027089	A	0.0718
rs7232679	C	-0.0373
rs4494641	T	-0.1147
rs149253463	G	-0.1349
rs77377440	T	-0.1674
rs117427115	T	-0.1094
rs16978564	T	0.1928
rs78425582	G	0.051
rs12605628	T	0.0605
rs117801355	C	0.1459
rs138878811	G	0.1492
rs493609	T	-0.0329
rs148723011	C	-0.148
rs4308047	G	0.0619
rs112413678	C	0.2093
rs79248622	A	0.1258
rs11151376	A	0.0587
rs7242802	T	0.1805
rs56668873	G	0.0923
rs1786670	A	-0.0698
rs80089611	G	-0.0382
rs4239281	C	-0.0429
rs4801012	A	0.1131
rs28705237	C	0.114
rs16945863	T	0.1156
rs143239597	G	0.2105
rs77309482	C	0.1851
rs9960652	T	0.0689
rs6507980	A	-0.0312
rs34197256	G	-0.0792
rs7231053	C	-0.1748
rs111676499	G	-0.1333
rs73474396	A	0.0748
rs59342243	A	0.0342
rs79591361	C	-0.1171
rs7505939	C	0.0392
rs9959139	T	0.0309
rs3752069	T	0.0626

rs9960516	T	0.0411
rs55941236	A	0.0908
rs73001800	G	-0.0597
rs74843743	G	-0.2202
rs10438965	C	-0.0675
rs79841648	C	0.0968
rs75764515	A	-0.1482
rs117549601	A	-0.1337
rs78969229	G	0.0694
rs1943337	T	0.0393
rs61331015	T	-0.0712
rs12455869	T	0.087
rs118086754	A	-0.1126
rs72948765	G	-0.0583
rs7239522	T	0.0322
rs116890417	A	-0.104
rs8094190	A	0.0887
rs4940535	T	0.0615
rs80248589	T	-0.1261
rs116945514	C	-0.1911
rs9960190	G	-0.0828
rs2305885	T	0.1106
rs7243487	A	0.0799
rs967053	G	0.1128
rs8087505	T	0.035
rs11660805	C	0.0625
rs12185474	T	0.0352
rs1456602	C	-0.0306
rs148026083	G	0.1233
rs76326598	T	0.057
rs142232569	G	0.1647
rs1708693	A	-0.0447
rs158866	C	0.0315
rs75449708	G	-0.0979
rs10164009	C	0.0677
rs17647607	G	-0.0411
rs61586702	T	-0.2008
rs950777	T	-0.0315
rs62097831	T	0.0597
rs2610525	G	0.0405
rs34260508	C	-0.1119
rs77661528	G	0.2453
rs77704986	C	0.1008
rs3910708	G	0.0881
rs1391450	A	0.0313
rs117031066	C	0.1823
rs4316840	T	-0.0324

rs163062	G	-0.0364
rs17568569	T	-0.0998
rs79565382	T	-0.1472
rs4801053	A	-0.0326
rs12709788	G	-0.0522
rs28589700	G	-0.1251
rs4797234	C	0.0599
rs11660407	C	0.1239
rs145154425	C	0.1313
rs9944732	G	0.0327
rs147214414	C	-0.2175
rs8083684	C	-0.0718
rs4939720	G	-0.0418
rs4939642	A	0.0821
rs72943960	C	-0.0769
rs9965158	G	-0.1133
rs1893963	C	-0.0564
rs872035	T	0.041
rs62100498	C	0.0706
rs117346487	T	-0.0646
rs117088887	G	0.2036
rs72872990	T	-0.2091
rs114864269	C	-0.0614
rs7241695	G	-0.1965
rs4800027	G	0.0682
rs117713992	T	-0.2167
rs113046192	A	0.1961
rs7227835	C	0.0321
rs72946593	T	0.1143
rs7231546	C	0.0453
rs8088632	A	0.0507
rs117360456	G	0.1033
rs77829442	T	0.0916
rs77564907	A	-0.0429
rs1480920	T	-0.0366
rs2156102	G	-0.0329
rs78549380	G	0.066
rs8097743	G	0.0305
rs59868802	T	-0.0606
rs7231666	G	0.0494
rs73947293	C	-0.1091
rs148171716	A	0.093
rs149467020	T	0.1377
rs72479862	C	0.1196
rs118154751	A	-0.189
rs28857851	A	-0.0365
rs112801893	A	0.0552

rs4796984	G	0.039
rs1595368	G	-0.0338
rs1677017	G	0.0438
rs78906951	G	0.0996
rs79541752	G	-0.1072
rs55781106	A	0.1359
rs10502383	A	0.0341
rs8084638	G	-0.0599
rs75630034	A	-0.1144
rs2020164	C	0.0525
rs7504737	A	-0.0313
rs12956948	A	0.0321
rs34871003	T	-0.1042
rs55937314	A	-0.0389
rs1452791	A	0.0328
rs8098861	C	0.0807
rs116889569	G	-0.1222
rs72968090	G	0.0782
rs76063141	T	-0.1409
rs74649788	A	0.1026
rs9963529	T	0.0343
rs140542218	A	-0.2357
rs28520201	G	0.0598
rs117247052	G	-0.1283
rs76504366	A	0.162
rs35524777	T	-0.0771
rs12454152	A	0.2422
rs45576836	G	-0.126
rs72629887	G	-0.0933
rs1942375	A	-0.0347
rs12966950	C	-0.0391
rs17829286	T	0.0466
rs74524767	A	0.0693
rs1380713	T	0.0312
rs72963984	T	-0.0693
rs76686327	C	-0.2101
rs17067728	G	0.1408
rs59677474	C	-0.0418
rs4458076	C	0.034
rs62105187	T	0.1402
rs12970409	C	0.0321
rs76431570	A	-0.0622
rs4624280	C	0.0827
rs76352457	G	0.1075
rs148576989	G	0.1401
rs78371023	A	0.1093
rs4892217	A	-0.0488

rs13313637	A	-0.0402
rs435439	C	-0.0729
rs62093805	A	0.0755
rs72908395	A	0.0983
rs11080895	A	-0.0551
rs75429260	C	0.1126
rs16956918	A	0.0847
rs569953	T	0.0526
rs79419384	G	0.0673
rs56183091	T	0.0803
rs8091596	T	-0.0934
rs10084062	G	0.0352
rs76908000	G	0.1311
rs78589163	T	-0.1662
rs438282	C	0.2933
rs72901596	T	0.07
rs8096720	C	0.1441
rs78138914	G	-0.0844
rs7243330	T	0.0339
rs12454419	T	-0.0841
rs7244825	C	0.1123
rs7240921	C	0.1616
rs481377	G	0.039
rs55927401	A	-0.0551
rs1472762	T	0.0496
rs17644286	G	-0.1414
rs35016470	A	0.0464
rs76589836	T	-0.0406
rs74605489	T	-0.2876
rs117133393	T	-0.1854
rs7228334	T	-0.1727
rs1403755	T	0.075
rs79931841	C	-0.1
rs9966010	G	-0.0859
rs11151031	T	-0.0365
rs9944695	C	0.0849
rs451983	A	0.0593
rs72948054	A	-0.0306
rs9807759	T	0.0551
rs116911120	G	0.1459
rs8093282	C	0.1957
rs17816861	T	-0.0428
rs72629896	T	0.079
rs117164849	G	0.2104
rs72979949	C	-0.0584
rs140686639	T	0.1018
rs4891590	T	-0.0326

rs7243737	C	-0.0555
rs34855066	T	0.1232
rs78278500	G	0.1761
rs75039586	C	0.0592
rs34326063	T	-0.0534
rs62095706	A	0.1836
rs78264315	C	0.0592
rs112279611	T	0.1074
rs138136736	T	-0.1007
rs62079922	A	-0.1832
rs60508122	A	0.0852
rs11659566	A	0.2538
rs1977953	C	0.0325
rs78099133	T	0.1211
rs72993154	T	0.0749
rs29047	C	0.0755
rs603659	T	-0.0314
rs12454915	T	-0.0463
rs8087763	T	-0.0329
rs10782062	T	0.0409
rs62092669	T	0.2193
rs59279568	T	-0.0864
rs8085100	G	-0.0313
rs4405637	C	0.0562
rs55714694	G	0.0989
rs80334414	T	-0.2006
rs967044	C	0.0306
rs12608069	G	0.0583
rs79547063	A	-0.1715
rs75268231	A	0.1551
rs117353490	G	-0.1631
rs145198481	A	0.1517
rs145586933	T	0.1283
rs79456896	A	0.2488
rs17830589	T	0.0589
rs8095523	C	-0.0604
rs4940544	G	-0.032
rs12605528	G	0.0903
rs117880545	G	0.1167
rs77432991	T	-0.0878
rs76529678	A	-0.1045
rs67894943	C	-0.0455
rs138227044	G	0.1985
rs75011790	C	-0.1007
rs8085414	G	0.0626
rs10502902	C	0.0346
rs4940194	T	-0.0307

rs1604557	G	-0.0293
rs2060137	A	-0.1026
rs17080116	T	0.0899
rs72898000	C	0.0889
rs10503077	T	0.0752
rs112903316	A	0.1987
rs118059080	C	0.1911
rs2646941	T	0.0451
rs470320	C	0.0319
rs8093083	T	-0.0395
rs11082541	C	0.0912
rs111521599	T	0.0784
rs2584466	C	0.0417
rs11151135	G	-0.0604
rs1667707	A	-0.0394
rs1893489	T	0.0302
rs8084516	G	0.131
rs625361	T	0.0367
rs17688770	G	0.0532
rs4941170	T	-0.0305
rs17065849	C	-0.0344
rs74776396	T	-0.2132
rs4449035	G	0.0427
rs72930285	C	-0.132
rs4798736	A	-0.0313
rs116850915	A	0.1522
rs6567310	G	0.0337
rs72939957	A	0.0995
rs72869991	G	0.0653
rs2009217	C	-0.0338
rs149146218	A	0.0975
rs12954160	T	0.0447
rs73461437	A	-0.0403
rs57325971	T	-0.0389
rs116861814	T	-0.2208
rs4939566	A	0.0349
rs4121688	A	-0.0418
rs12953447	T	-0.2241
rs11150973	A	-0.0438
rs635654	T	0.0359
rs35799969	G	-0.1251
rs13745	A	-0.0536
rs4797273	C	-0.1622
rs117785217	A	0.0873
rs12955378	A	0.182
rs78376754	A	-0.1681
rs1590106	G	-0.0429

rs568774	G	-0.0378
rs2576419	A	0.0332
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rs11082718	G	0.0522
rs7242877	C	-0.0455
rs3133202	G	-0.0392
rs12606373	C	0.036
rs77996666	T	0.1373
rs1582761	T	-0.0397
rs11080397	G	0.0375
rs1942565	T	-0.0422
rs62078269	G	0.0911
rs16951199	C	0.0644
rs1941562	G	0.033
rs9961704	T	0.0352
rs141565555	T	0.078
rs35241223	G	0.0571
rs28583417	C	0.0829
rs117476958	A	-0.2235
rs17766061	T	0.0942
rs2421643	G	0.0779
rs112301585	G	-0.1822
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rs7236481	G	-0.0475
rs62095036	A	-0.0415
rs78597177	G	0.0461
rs2741173	G	0.0322
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rs117620461	T	-0.1768
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rs117062981	C	-0.1564
rs28428915	A	-0.072
rs7239852	G	-0.0728
rs79582319	A	0.1143
rs2332673	C	-0.0863
rs17658536	T	0.0538
rs2036735	G	-0.0307
rs75816706	G	-0.0651
rs74699370	A	-0.1492
rs76856822	C	-0.2069
rs11081638	C	-0.0546
rs619957	C	0.0426
rs4461153	A	0.038
rs73397836	A	-0.2625
rs2848466	C	-0.0345
rs144449208	T	-0.1268

rs76412704	C	0.1115
rs12963535	T	-0.039
rs72954396	C	0.1347
rs12454438	A	0.0357
rs145147711	C	-0.1857
rs2852103	A	0.0382
rs11659173	A	0.0605
rs4891744	C	-0.0308
rs7236364	G	0.0288
rs5013567	G	0.1774
rs17189067	C	0.0407
rs890327	G	-0.0532
rs1791320	T	-0.0304
rs72882695	C	0.1363
rs11663320	G	-0.0301
rs78529747	T	-0.1617
rs62100502	A	0.0408
rs561312	T	-0.0506
rs7505661	T	0.0381
rs111510094	C	-0.1499
rs11876789	A	0.0329
rs78149888	A	-0.2601
rs2689395	T	0.0288
rs9748615	G	0.0588
rs76304618	T	-0.1046
rs62093175	C	-0.0772
rs62102248	C	0.0476
rs658836	C	-0.0397
rs741399	G	0.035
rs7505815	G	-0.1404
rs113326785	T	0.1537
rs661373	T	0.0399
rs7235792	A	0.0317
rs62085167	A	0.1705
rs9957185	T	0.0378
rs57486902	T	-0.0491
rs3924163	C	-0.0286
rs148140512	C	0.22
rs151160308	G	0.1366
rs117403100	A	0.0922
rs62087462	T	0.043
rs16942145	G	0.1757
rs603435	T	-0.0617
rs78691268	G	-0.0643
rs7239007	G	0.0553
rs11151636	G	0.0353
rs10782054	G	-0.0369

rs7231046	G	-0.0298
rs62084463	C	0.053
rs7407506	T	-0.0303
rs72918688	A	0.0587
rs56366092	C	0.1586
rs145050443	G	0.2037
rs17660030	T	-0.0855
rs72911893	T	-0.0614
rs116966578	T	0.1358
rs9955387	C	0.032
rs3826619	A	0.0461
rs12605400	T	0.0755
rs143272249	C	-0.1634
rs78026276	G	-0.0822
rs55856981	A	-0.1879
rs2222570	G	-0.0356
rs28499123	T	-0.0643
rs506479	T	0.0402
rs76094759	G	0.1849
rs11662606	T	0.0726
rs61096133	A	-0.0329
rs74450598	T	0.1196
rs17763239	T	-0.0295
rs117066979	T	0.1698
rs16954339	T	0.0909
rs12957758	G	0.0358
rs77471091	C	0.0656
rs147773846	G	-0.1278
rs117560135	T	0.2032
rs72954863	T	0.2767
rs72927797	G	-0.1496
rs9319829	C	-0.0567
rs143600062	A	-0.1094
rs8093052	C	0.0335
rs7242757	C	-0.1061
rs4890621	C	0.1597
rs965174	A	-0.0362
rs118020270	A	-0.0566
rs1904806	C	0.0284
rs9955005	G	-0.0286
rs2440516	A	0.0321
rs957001	T	0.045
rs117286293	C	0.1426
rs72954893	A	-0.1928
rs73413293	T	0.1806
rs57046219	A	0.0835
rs80170050	C	-0.1146

rs117224312	A	0.184
rs12959842	T	-0.1367
rs11877832	T	-0.0756
rs139417897	T	0.1343
rs148282763	C	0.1601
rs7243663	C	0.1025
rs111939778	G	0.1398
rs4547429	T	0.0685
rs78582178	C	0.1397
rs139443352	C	0.1852
rs4500815	A	0.0346
rs2595361	C	0.0421
rs73439210	T	0.0682
rs1196599	C	-0.0487
rs4398183	T	0.04
rs28680473	C	0.1253
rs71358077	A	-0.082
rs148535648	T	-0.1897
rs11663056	T	0.0651
rs151310688	A	0.1204
rs72958995	T	-0.2135
rs17562811	T	-0.1616
rs71354493	C	-0.1324
rs74927360	T	0.1378
rs144242046	A	-0.1962
rs73457616	T	0.1474
rs148183875	A	-0.1677
rs117421239	A	-0.0513
rs17056717	C	0.1
rs9967216	G	-0.1043
rs1942400	T	-0.0333
rs116875415	A	0.1721
rs4798532	C	-0.0359
rs62101855	G	-0.0632
rs2850235	T	0.0414
rs148824072	A	0.1924
rs113035232	A	0.1602
rs77967804	A	-0.0747
rs139806567	T	0.2363
rs12957671	A	-0.0566
rs151244	C	0.0379
rs35765215	G	-0.0398
rs10469030	T	0.0316
rs73485731	T	-0.0708
rs72971973	C	0.1686
rs55934149	T	-0.1126
rs12454238	C	0.0356

rs1537422	C	0.0501
rs1992344	G	0.0502
rs6506325	T	0.0295
rs74586912	T	0.1765
rs8099392	C	0.0576
rs16976055	A	0.1754
rs8098926	C	0.0611
rs117386699	T	0.1981
rs56341906	T	0.1432
rs8095562	C	0.0289
rs151160547	T	-0.1653
rs7243853	G	-0.0285
rs7231438	C	0.05
rs112743054	C	-0.0437
rs72943558	G	-0.0726
rs4890743	A	-0.0407
rs74517391	A	-0.051
rs16946883	A	-0.107
rs1706320	G	0.0552
rs11151787	A	-0.0287
rs144560227	G	0.0429
rs328118	T	-0.126
rs12955834	T	-0.051
rs73402737	T	0.0936
rs9807320	C	0.0651
rs11661606	A	0.0452
rs142319283	C	0.1344
rs118030856	C	0.1123
rs12373370	A	-0.0921
rs143978306	A	-0.0939
rs9946339	C	-0.0406
rs9957276	G	-0.0862
rs11872703	A	-0.0912
rs2289687	G	0.0392
rs117413545	T	0.151
rs117113977	G	-0.1506
rs1943912	G	0.0752
rs291648	T	-0.0313
rs509050	A	-0.061
rs113188147	A	-0.2984
rs9807545	G	0.0721
rs12373358	T	0.0294
rs139905602	A	0.2017
rs616938	A	0.0459
rs117170617	A	-0.0749
rs937829	T	-0.155
rs12456016	T	0.0375

rs76341020	T	0.1115
rs17633053	T	0.0594
rs74975924	T	-0.0934
rs639803	T	0.0348
rs7239582	G	-0.031
rs62097666	T	-0.0352
rs16944040	G	-0.0938
rs183374	A	0.0365
rs75082674	G	0.1557
rs11664270	G	0.1038
rs2931052	G	-0.0316
rs1648609	A	-0.0616
rs1518017	T	-0.0288
rs1430538	T	0.0333
rs9807772	T	0.0316
rs56334910	T	-0.1025
rs9945206	T	0.0372
rs13381856	C	-0.0304
rs74703395	T	0.1042
rs9652930	A	0.0382
rs10083897	T	0.1004
rs78370377	A	-0.0781
rs4491597	C	-0.0643
rs8099095	C	-0.037
rs8083251	G	-0.0604
rs6566998	C	0.031
rs1840435	A	0.0312
rs7231543	C	-0.0283
rs116852077	A	0.1548
rs148562629	C	0.1296
rs117156120	T	0.1731
rs59605737	A	0.0818
rs76519884	C	0.187
rs115604006	A	-0.0821
rs73937185	T	0.1425
rs72926908	C	0.114
rs9966612	A	0.0315
rs149647218	G	0.096
rs78383951	G	-0.1031
rs113379555	A	0.1189
rs75755349	T	-0.203
rs2156545	T	-0.0289
rs118060616	A	-0.1641
rs981243	A	-0.2344
rs76166410	A	0.1175
rs8096378	C	-0.0351
rs117615156	C	0.1405

rs1145264	G	0.0622
rs2218862	A	-0.0315
rs149749949	T	-0.203
rs113067518	T	0.1018
rs8086971	A	-0.0306
rs57083541	C	0.0998
rs79126399	G	-0.1481
rs72919252	T	0.1916
rs117059709	T	-0.1873
rs12386116	G	-0.0468
rs147045247	C	-0.1053
rs144891539	G	0.0943
rs72901360	A	-0.0619
rs11081903	A	-0.0365
rs78812590	G	0.1086
rs74445753	C	0.169
rs2714390	G	0.0334
rs12957524	G	0.1555
rs149192411	A	0.0806
rs76599014	G	0.0846
rs9950597	C	-0.0329
rs11665492	T	0.0449
rs8087499	C	0.0358
rs9960098	C	0.035
rs3809975	G	0.1251
rs9954047	C	0.035
rs114352449	A	0.1092
rs17668418	C	0.0949
rs9957482	C	0.0293
rs71358031	A	0.2026
rs1849416	T	-0.0586
rs10853672	T	-0.0315
rs117013515	A	-0.171
rs6508259	A	-0.0312
rs151112626	A	-0.234
rs10083971	T	0.0309
rs9951594	A	-0.0664
rs79800814	A	-0.156
rs72880550	A	0.1149
rs8086056	G	-0.1241
rs139238018	T	-0.0531
rs76321471	C	0.1214
rs73446118	A	0.1584
rs7235760	C	-0.0789
rs12956578	C	0.0911
rs4570960	T	-0.0321
rs7505365	A	0.0279

rs6506156	C	0.0346
rs116862261	G	0.1092
rs894798	A	0.0629
rs4940563	G	-0.0295
rs75389569	A	0.1614
rs144901445	C	-0.1581
rs116356087	A	0.0995
rs149733010	C	-0.196
rs12964619	A	-0.0315
rs79020713	T	0.0551
rs6506198	A	0.0748
rs146261822	T	-0.0637
rs9960610	A	-0.0368
rs7229555	A	0.0386
rs9960460	C	-0.0495
rs62081472	G	0.0953
rs139608385	C	-0.1169
rs7238314	G	-0.1162
rs643449	A	-0.0313
rs78865262	A	-0.0877
rs12965830	T	0.0404
rs80013888	A	0.1018
rs138240715	G	0.1101
rs112160401	A	-0.1938
rs7242331	T	0.1061
rs11664773	A	-0.0778
rs77708948	G	-0.1716
rs117871518	T	-0.0812
rs16967156	T	0.0357
rs11661728	T	-0.1103
rs148292044	A	-0.1391
rs150407812	T	-0.1828
rs72948039	C	-0.0534
rs4128813	A	0.0355
rs2879266	G	0.0278
rs7243789	A	-0.0348
rs1274283	C	0.0468
rs357854	C	-0.0384
rs4940905	A	-0.0289
rs116580944	T	-0.1255
rs117347162	G	0.2264
rs77597105	A	-0.0695
rs17603101	C	-0.0309
rs72918473	C	-0.1589
rs11083073	G	0.0348
rs80042716	T	-0.0989
rs11661932	A	0.048

rs78218129	A	-0.1304
rs9950018	G	0.0483
rs150145611	A	-0.0954
rs10503070	A	0.0345
rs72963171	G	-0.0696
rs12964396	T	0.0951
rs140860440	T	0.1496
rs72993009	A	-0.1273
rs206595	A	0.0547
rs12960996	T	0.0378
rs12185461	T	-0.0399
rs7228029	C	0.0295
rs117484159	C	-0.1262
rs525218	A	0.0279
rs145957878	C	-0.1686
rs117206739	T	0.1344
rs17720074	C	0.0395
rs79314586	G	0.1209
rs12963704	C	0.0701
rs937831	T	0.0281
rs9945916	T	-0.0512
rs113062405	A	0.1596
rs78955682	A	0.0644
rs61188878	T	-0.0776
rs647077	C	0.038
rs149645489	G	0.2107
rs34469824	T	-0.1619
rs9950867	C	-0.0654
rs4890304	T	0.0651
rs76512812	C	-0.2194
rs1944331	G	0.0315
rs3901403	C	0.0284
rs74360615	T	0.1549
rs112351264	G	-0.1878
rs144123555	C	-0.1771
rs4798469	G	0.0325
rs645350	T	0.0371
rs144059059	C	0.1689
rs77673728	A	0.151
rs80022578	A	0.1175
rs74525370	T	-0.2562
rs1858126	A	0.0432
rs1085995	T	-0.0998
rs9807727	T	0.0403
rs117536080	C	-0.15
rs12458866	G	-0.0711
rs11663227	A	0.0489

rs1720840	T	-0.0388
rs79144617	A	0.109
rs905443	A	0.0311
rs4800995	G	0.0324
rs8086612	G	-0.0764
rs58859854	T	-0.0418
rs72627232	A	0.0432
rs4940769	A	-0.1928
rs72904132	A	0.2568
rs146638171	T	-0.0549
rs4800706	C	0.0509
rs7230732	A	0.0324
rs140860481	G	0.158
rs79452580	G	0.036
rs75249711	T	-0.0887
rs72904779	G	0.098
rs75217824	C	0.1345
rs117049236	T	0.1284
rs76715435	C	0.2025
rs11873737	T	0.0435
rs9966358	A	0.0352
rs140827440	C	0.0699
rs141988468	T	0.0984
rs67133687	A	0.0382
rs1964500	C	0.0342
rs3218786	C	0.157
rs60332932	T	0.0866
rs9959654	C	0.1234
rs4352141	C	-0.0447
rs9964530	T	-0.0446
rs12606485	A	0.0404
rs7229603	C	0.0515
rs10871595	C	-0.1502
rs62076808	C	-0.1776
rs7228644	C	0.032
rs9948328	T	0.0335
rs78797974	G	0.1077
rs4627473	G	-0.0556
rs11664798	G	0.0505
rs17463119	A	0.1124
rs12956547	A	0.1029
rs117127635	T	0.0751
rs2509468	A	0.0407
rs7240348	G	-0.0269
rs1221859	G	-0.0427
rs8085939	T	0.0316
rs76722480	A	-0.1285

rs112573533	C	0.2261
rs10502292	T	-0.0466
rs55842833	G	0.0333
rs9962283	G	-0.0354
rs1443600	T	0.2242
rs1662823	G	-0.0303
rs12606893	T	0.0442
rs112324361	T	-0.1266
rs112238106	A	-0.0281
rs147975836	C	-0.2474
rs1943999	C	-0.0352
rs117394130	A	-0.0669
rs79821597	A	-0.2185
rs11876004	G	0.2181
rs117583076	A	-0.0892
rs72861296	T	0.1201
rs34204914	A	-0.0514
rs7244087	T	0.0282
rs144399500	G	-0.0859
rs78639572	T	0.1621
rs62092199	A	0.0686
rs146632500	A	-0.1741
rs117820766	A	-0.1103
rs12456560	T	-0.0389
rs9963891	A	-0.1734
rs8094398	A	0.2106
rs118184408	A	-0.1532
rs116416992	A	-0.0657
rs80239011	C	0.0557
rs117310268	T	0.0894
rs34904350	T	0.0288
rs10163808	C	-0.0473
rs111278782	C	-0.0969
rs76726049	C	0.1749
rs636373	G	0.0431
rs7233604	C	-0.0885
rs117445747	T	0.1652
rs72913109	T	-0.1097
rs6506844	A	0.0664
rs13313701	T	0.2018
rs16973351	C	0.0978
rs34618378	T	-0.0445
rs57604897	T	-0.039
rs76295473	C	0.0973
rs8083970	A	0.0342
rs80152962	T	-0.1953
rs117624401	G	-0.1058

rs4800043	C	-0.0432
rs17446134	A	0.0977
rs16956377	C	0.0555
rs75875006	C	-0.0514
rs112367039	A	0.1397
rs79525691	A	-0.1062
rs77482669	A	-0.0367
rs11662927	C	-0.0324
rs117563618	A	0.2176
rs8099374	C	-0.0382
rs11081440	T	-0.1466
rs61557961	T	-0.0361
rs663774	C	-0.0429
rs72634395	T	-0.0335
rs12606777	T	0.0458
rs1473279	G	-0.0299
rs1785249	T	-0.0348
rs80294015	A	-0.1705
rs72984789	T	-0.1826
rs118059339	G	-0.0877
rs9956990	C	0.0368
rs35222995	T	-0.0377
rs117059809	A	-0.1694
rs113180835	T	-0.088
rs2897195	T	0.0267
rs118172357	T	-0.1755
rs116871032	C	-0.1189
rs58188281	A	0.1779
rs145396517	A	0.1235
rs11083025	T	-0.0548
rs9807226	T	0.0291
rs1974964	G	-0.0452
rs7505159	A	0.0426
rs28814006	T	0.1464
rs148798732	A	0.1075
rs117548743	C	-0.1017
rs71362717	T	0.0831
rs341233	T	-0.0279
rs55864896	G	0.05
rs72939664	T	0.0966
rs12969937	A	0.0339
rs17236101	A	0.0282
rs62096559	A	0.087
rs990049	C	-0.0342
rs2111564	G	0.0266
rs8094591	T	-0.0406
rs75958468	T	-0.22

rs34377847	G	-0.0337
rs1940680	T	-0.0894
rs111770869	A	-0.0921
rs112196529	G	-0.0544
rs62097389	T	-0.0554
rs8097275	C	0.038
rs78561910	C	0.077
rs28605370	A	0.0473
rs7230060	A	0.0276
rs80230832	A	-0.1423
rs8087363	T	-0.0343
rs1812125	G	0.0319
rs115727444	T	-0.2268
rs140707223	T	0.1315
rs117348899	C	0.1961
rs72896553	T	0.1904
rs62086405	G	0.0954
rs111614269	A	-0.2008
rs1138828	A	-0.0467
rs1443604	A	0.0363
rs1144087	G	-0.154
rs8095804	G	0.0653
rs62082863	A	0.0325
rs75258275	C	0.1476
rs1037534	G	0.0319
rs74526734	G	-0.1385
rs12955986	G	-0.0265
rs12458236	T	0.0642
rs75495408	G	-0.1898
rs79782479	A	-0.0654
rs62110869	G	-0.0528
rs17400671	A	-0.0827
rs79563117	A	0.0772
rs75941710	C	0.0328
rs73944365	T	-0.0486
rs58194965	T	-0.1446
rs117121188	A	-0.1146
rs12454650	C	-0.0302
rs112470907	T	0.1325
rs2860295	T	0.0612
rs4145170	G	-0.0302
rs2040215	T	-0.0271
rs78554423	C	0.1041
rs12957795	T	0.0524
rs8090126	C	0.0336
rs4890891	C	-0.0284
rs78613330	G	0.2102

rs79027793	C	0.0578
rs77088650	C	-0.0814
rs11564380	A	0.0295
rs141839644	A	-0.204
rs11876297	T	0.0483
rs489310	G	0.043
rs72941506	A	-0.0574
rs2040225	G	0.0436
rs2000698	A	0.0265
rs112892299	C	-0.1361
rs34499684	T	0.0851
rs72918830	G	0.0553
rs78736356	A	0.0717
rs35904552	C	0.087
rs8091855	T	-0.0535
rs113721498	G	-0.2615
rs12458915	C	-0.1481
rs12605682	A	0.0767
rs6567246	G	0.0269
rs4485452	G	-0.0664
rs114789545	C	0.0921
rs12327041	G	-0.0864
rs117504727	A	-0.1546
rs9959134	T	0.0277
rs9956234	A	0.0903
rs948457	A	-0.0335
rs12969051	A	-0.0488
rs17752881	G	-0.0331
rs7350994	G	0.05
rs1344235	G	0.0267
rs11875289	G	-0.0558
rs12957839	C	0.0761
rs115953658	C	0.2175
rs113777805	C	0.1949
rs76386391	C	0.157
rs7229866	A	-0.1155
rs566309	T	0.0477
rs78426686	C	0.089
rs9958110	T	0.034
rs2712745	G	0.0508
rs79156064	A	0.0525
rs12150853	C	-0.103
rs9951080	T	0.0406
rs12965382	T	0.0291
rs139118181	G	-0.1542
rs73001246	G	0.0524
rs10164026	C	-0.0497

rs4941161	T	-0.0958
rs12458990	T	0.0307
rs7243316	G	0.0273
rs62095984	C	0.1882
rs117677512	T	0.1476
rs4113942	A	0.0378
rs1056088	C	0.0289
rs79789755	G	0.0821
rs115673375	T	-0.2086
rs1244858	C	-0.0581
rs2045442	C	0.0315
rs72994922	A	0.1681
rs11875257	C	0.0295
rs78884139	C	-0.178
rs728714	A	0.0327
rs62083978	C	0.0703
rs206630	A	-0.0299
rs627966	A	0.0268
rs117089031	C	-0.0626
rs140597587	T	0.1216
rs4890562	T	0.0587
rs1529533	A	-0.0346
rs77932321	A	-0.0806
rs41306968	A	-0.0661
rs117935729	T	-0.1013
rs403381	A	0.0463
rs77455191	C	0.0923
rs35763378	C	-0.0627
rs8088240	G	-0.0557
rs78409679	C	-0.0625
rs17057745	T	0.0798
rs140093394	T	-0.1215
rs78243859	C	0.1595
rs8092036	C	0.0386
rs79370124	G	-0.0665
rs4435341	T	0.0442
rs4287646	C	-0.0411
rs4245299	C	-0.0385
rs56064470	A	0.0974
rs17070100	C	0.0394
rs18485	A	0.0282
rs117012943	T	0.1955
rs1618268	A	0.1181
rs626187	G	0.0334
rs112713428	T	-0.1185
rs117838329	T	-0.1627
rs139451499	G	0.0908

rs8084762	G	0.036
rs1617037	C	-0.0321
rs12953739	C	-0.0448
rs56212809	T	0.0751
rs76514600	G	-0.0643
rs74679512	A	-0.0913
rs4442909	G	0.0513
rs77951918	T	0.1529
rs11662661	C	-0.0814
rs948717	G	0.0331
rs76603237	T	0.1466
rs3897006	G	0.0329
rs147178662	C	-0.0899
rs1786747	G	-0.0254
rs139117027	G	0.1281
rs10514090	T	-0.044
rs74477938	T	-0.0873
rs117104623	G	0.1908
rs4129657	C	-0.0276
rs74664743	T	-0.0763
rs8091142	T	-0.0321
rs17719278	G	0.0555
rs2112059	T	0.0452
rs139863524	C	0.1496
rs1940636	A	0.0363
rs17717763	C	0.0322
rs111381241	A	0.1126
rs116845744	C	-0.1369
rs117026490	A	-0.0896
rs7241786	C	0.0337
rs7226986	A	-0.0289
rs72642417	T	0.0433
rs144588802	T	-0.0728
rs117388016	T	-0.1157
rs34368689	G	0.1643
rs113163956	A	-0.1162
rs72876075	A	0.0357
rs8086297	T	0.0274
rs111479911	C	-0.0621
rs62097347	C	0.0369
rs56305630	A	-0.0332
rs76863384	A	0.1663
rs12962067	C	0.1174
rs145690179	T	-0.0836
rs78140969	A	0.118
rs1788131	A	-0.0603
rs79005378	T	0.0873

rs80334831	C	-0.1499
rs2000644	C	0.028
rs8089491	A	0.0981
rs76736804	G	-0.1348
rs62085477	C	-0.0388
rs7237760	T	-0.0492
rs72986397	T	0.0821
rs2715281	G	0.0263
rs72982557	C	-0.1857
rs28415166	G	-0.0312
rs144744355	C	-0.1506
rs113172689	A	0.1083
rs72944660	T	0.0411
rs28454850	C	-0.1803
rs592305	G	-0.0326
rs113426127	A	0.0495
rs3851151	T	-0.0265
rs12607802	T	-0.0266
rs2615613	T	-0.0529
rs9652983	G	0.121
rs56811952	T	0.031
rs34060927	A	-0.075
rs12456589	C	-0.0432
rs55890060	A	0.0489
rs78126055	A	-0.1841
rs62080106	C	0.1184
rs1662820	A	-0.0277
rs11664289	A	-0.034
rs206491	G	-0.0262
rs58198803	C	0.0423
rs144092233	G	0.1304
rs145827079	C	-0.0973
rs9952469	T	0.0296
rs16973076	G	0.0269
rs12457398	C	0.0434
rs147743749	A	0.1304
rs143233961	A	-0.1926
rs117719395	A	-0.1305
rs1786059	A	-0.0279
rs72909772	A	0.056
rs118143823	C	0.1529
rs71353381	C	0.0342
rs4798658	C	0.0289
rs66586228	G	0.0701
rs77097141	G	0.1456
rs12454483	G	-0.0345
rs1943969	A	-0.0279

rs487202	C	0.0258
rs11664566	T	0.0383
rs34933763	A	-0.0779
rs7227230	C	-0.0277
rs352133	G	-0.0323
rs6565904	T	0.0299
rs725068	C	-0.0967
rs17281729	T	0.1045
rs118013756	C	-0.077
rs62098602	A	-0.1132
rs142695151	C	0.1844
rs16947335	A	-0.1302
rs75129028	C	-0.2138
rs7230503	C	-0.0352
rs515874	T	-0.0327
rs2098484	G	-0.0338
rs79083800	C	0.1511
rs35275842	T	-0.0273
rs34055304	G	0.0791
rs111362831	G	0.1612
rs55778361	A	-0.0793
rs11874426	T	0.0277
rs7232516	A	0.0377
rs16970563	T	0.0418
rs608127	T	-0.0283
rs4940703	A	0.0301
rs77956049	A	0.1636
rs12604386	A	-0.0452
rs111836770	A	-0.17
rs1791264	G	-0.0352
rs7233512	A	-0.0282
rs1861805	C	0.0345
rs9304011	G	-0.0328
rs78625069	T	-0.129
rs117703875	C	-0.1123
rs113253475	C	-0.1485
rs9748638	C	0.0645
rs118037709	A	-0.2398
rs118008231	A	-0.1188
rs112374372	G	0.1123
rs2156334	C	-0.0399
rs78648089	A	0.1123
rs749676	A	0.0262
rs72909614	G	-0.0466
rs80231184	A	0.0514
rs75365020	G	-0.1878
rs117756297	A	0.0707

rs585808	C	0.0324
rs62090607	C	0.0441
rs11660554	A	0.0284
rs140527040	A	0.0853
rs149311341	T	-0.2608
rs635089	G	-0.0702
rs112729431	A	-0.0381
rs4073568	A	0.0315
rs78699989	G	0.0749
rs77408485	C	0.1363
rs118051762	A	-0.0686
rs1809398	A	-0.0553
rs7228095	A	0.0286
rs617206	T	-0.0262
rs1244822	T	-0.0651
rs76385091	C	-0.131
rs4890890	T	-0.0317
rs2902766	G	0.0411
rs10871769	G	-0.0269
rs17696396	T	0.1676
rs71371771	T	-0.047
rs677737	A	-0.0328
rs1546413	G	-0.0312
rs1231267	T	-0.029
rs150417539	C	0.1576
rs2046241	A	0.0258
rs12969046	G	-0.0329
rs117127566	A	0.1051
rs72947553	A	0.0463
rs62102110	T	-0.1456
rs74565506	A	0.1955
rs1866733	A	0.0355
rs614297	C	-0.0302
rs2625345	A	0.112
rs117372777	C	0.1417
rs78949788	T	0.193
rs11081025	G	-0.0269
rs4798043	T	0.0314
rs9748248	T	0.1139
rs62094102	C	-0.0324
rs17755403	T	0.0569
rs565822	G	-0.0467
rs117108484	A	0.1244
rs7244872	G	-0.1316
rs540570	T	0.1274
rs9945515	C	-0.0251
rs58832029	A	-0.0301

rs6505583	G	0.0482
rs77431559	T	-0.123
rs145653104	A	-0.2341
rs1239966	C	-0.0329
rs9966889	A	0.0254
rs17263435	A	0.0556
rs8088617	G	0.0338
rs11664861	A	-0.0268
rs10469072	G	-0.0988
rs4798089	A	-0.0276
rs79928125	G	0.1071
rs1982285	T	0.083
rs8097691	G	-0.0256
rs141000406	G	0.1722
rs11661837	G	-0.0419
rs4485466	G	0.0814
rs9965712	C	0.044
rs9953827	A	-0.0317
rs147927975	T	0.1648
rs150022358	T	-0.1165
rs56299055	T	-0.0269
rs113523801	G	0.1808
rs3845247	A	-0.0306
rs7227820	C	0.0323
rs6567350	A	-0.0288
rs78670536	T	0.1446
rs9951788	A	-0.0487
rs57007173	C	-0.083
rs10853278	T	0.0416
rs10502334	A	0.0317
rs113230657	G	-0.1417
rs2176319	G	-0.1526
rs75983905	T	0.0658
rs1942458	C	0.0789
rs79125053	A	-0.1351
rs117752879	C	0.1532
rs148682060	G	0.1007
rs7239688	T	-0.0433
rs59740748	T	0.0346
rs12969125	C	0.0889
rs1789071	A	0.0352
rs80292279	A	-0.0761
rs145846491	G	-0.1569
rs1787827	A	0.0597
rs2585710	T	-0.0369
rs117635615	T	0.171
rs117977808	T	0.0948

rs45623738	T	-0.1171
rs80188549	T	-0.2579
rs73488014	G	0.048
rs118172414	A	0.0956
rs16947470	C	0.1745
rs79097526	C	0.1045
rs12456065	T	0.0301
rs75093098	T	-0.0513
rs117504245	A	-0.2031
rs79265248	T	0.073
rs56247434	A	-0.0618
rs72979392	T	-0.1071
rs75898678	A	-0.0704
rs9961307	C	-0.1503
rs117479004	A	-0.0933
rs7228419	T	-0.0477
rs324325	T	-0.0406
rs57657125	C	0.0451
rs8098410	T	-0.0781
rs16939801	T	0.0396
rs118179906	A	-0.1691
rs117627257	T	-0.1067
rs9955441	C	0.0894
rs12457271	G	0.0471
rs146955472	G	-0.1667
rs8093368	G	-0.031
rs12963432	T	0.0252
rs12150778	G	0.0405
rs75303010	C	0.065
rs72936352	C	0.0644
rs78127447	A	0.0776
rs4366777	C	-0.031
rs78804977	G	-0.0903
rs8083545	G	0.0417
rs6507730	G	0.0249
rs4940621	C	0.0318
rs17067835	G	-0.1132
rs62083252	A	0.0505
rs6506666	G	-0.0399
rs117278980	T	-0.0981
rs117605170	G	0.1092
rs78161885	C	-0.1684
rs80192690	A	0.2027
rs80037169	T	-0.0769
rs62078271	G	-0.0348
rs72957395	A	-0.1305
rs34253559	C	0.0773

rs17735417	G	-0.0686
rs72907853	G	0.0926
rs149038976	A	0.1058
rs117426264	G	0.1007
rs3866988	T	0.0272
rs118025521	G	0.1145
rs55825524	C	-0.1045
rs151187951	T	-0.0832
rs9948562	T	-0.0504
rs74858991	T	-0.083
rs78237863	A	0.2313
rs77967634	T	-0.1055
rs79422320	C	-0.0516
rs2284140	T	0.0296
rs2043961	G	0.0302
rs999330	T	-0.031
rs117052653	T	-0.1602
rs73968510	T	0.0453
rs145400829	G	0.1508
rs148232247	A	-0.1845
rs7244511	A	-0.0778
rs77152396	A	-0.1019
rs146680902	G	0.1702
rs12373268	T	-0.1255
rs17462421	T	-0.2265
rs684079	T	0.131
rs1787922	C	-0.0389
rs141663748	A	-0.1917
rs4633812	A	-0.0409
rs514253	T	0.0261
rs78683500	T	-0.1339
rs73942642	G	0.0665
rs35784456	A	-0.0546
rs55973677	G	-0.0921
rs76879959	G	-0.1305
rs17701204	C	-0.0769
rs78797217	G	0.1608
rs17195443	C	0.0461
rs114249643	A	0.1334
rs117605782	A	0.1042
rs141198578	A	0.12
rs138311663	A	0.1137
rs150594165	G	0.1187
rs75238704	G	-0.1386
rs1426306	A	-0.0293
rs11080972	T	-0.0321
rs76484874	G	0.0458

rs16978345	G	-0.0459
rs1790852	C	0.0335
rs11081759	C	-0.0284
rs75032904	C	0.1975
rs117954097	T	0.0436
rs8093521	G	-0.0564
rs71362074	T	0.0333
rs4940195	C	-0.0261
rs8096419	C	-0.0421
rs111977833	C	0.0831
rs11082419	A	-0.0296
rs628229	A	0.0257
rs117638808	C	0.0958
rs11875977	T	0.0386
rs112244584	A	-0.074
rs80227146	G	-0.1531
rs1349386	T	-0.0405
rs8099410	G	0.0413
rs57765889	G	0.0826
rs1112273	T	-0.0331
rs117645595	T	-0.0991
rs77573904	A	0.0445
rs12966212	T	-0.0487
rs72902882	C	0.1872
rs4465662	A	0.1183
rs7234924	C	-0.0316
rs8097909	G	-0.0652
rs117520022	A	-0.1237
rs62076878	G	-0.1148
rs45608743	A	-0.0711
rs76039048	A	0.1487
rs78622964	T	0.0942
rs7233480	A	0.0296
rs4627476	T	0.0612
rs325369	G	0.0493
rs8083461	A	-0.0826
rs8098353	A	-0.0423
rs75840791	C	0.1757
rs271469	T	0.0615
rs117911676	T	-0.0991
rs10502357	A	0.0358
rs34705576	T	0.1632
rs421544	G	0.0248
rs12963756	A	-0.037
rs17462504	T	-0.0482
rs2684857	A	-0.0258
rs66920840	A	-0.0444

rs113988795	G	0.1079
rs7237863	G	0.0286
rs35348163	G	-0.0259
rs41378153	T	0.1026
rs34117399	A	-0.0762
rs1791290	T	0.0319
rs16962825	T	0.0504
rs4583327	A	0.1858
rs8091664	G	-0.0397
rs878912	T	0.0444
rs11152006	C	0.03
rs117896399	G	-0.1963
rs357889	C	0.0309
rs9944886	G	0.0265
rs57621979	G	0.0672
rs56201851	C	0.1706
rs12457419	T	0.0568
rs1981355	A	0.0245
rs11873913	T	0.0407
rs9319835	A	0.0271
rs117694679	A	0.0496
rs11664567	T	-0.0455
rs238540	G	-0.0279
rs12969615	C	0.0488
rs72977369	C	0.079
rs12605083	G	0.0472
rs117859931	G	0.202
rs1893623	C	0.0323
rs73379594	G	0.155
rs138388421	A	0.05
rs79108885	A	-0.1222
rs520618	T	0.0812
rs79132766	G	0.062
rs56748350	C	-0.0302
rs62096906	G	-0.1067
rs118093646	T	-0.0813
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rs60092669	A	-0.0878
rs17414126	C	-0.0265
rs8087073	C	0.1228
rs148675840	T	0.1326
rs478582	C	-0.0249
rs139492069	A	0.1366
rs150615947	G	0.162
rs79828856	A	0.0486
rs138364637	T	0.1145
rs9953344	T	0.0661

rs11659606	C	0.0371
rs117620465	C	0.1495
rs12458297	A	0.1651
rs1530390	T	0.0332
rs72927361	T	-0.1919
rs112507245	T	0.0615
rs76067468	G	0.1268
rs2732230	T	-0.0292
rs6506105	T	0.1012
rs76057677	T	0.1161
rs72931881	T	0.0972
rs9959226	G	-0.0903
rs149027736	A	0.1669
rs9953092	T	0.0583
rs12956417	A	0.0767
rs11150956	T	-0.0261
rs74947695	C	-0.2213
rs145950617	T	0.1252
rs7237098	T	0.0877
rs145335045	G	0.0909
rs12960988	C	-0.0281
rs502951	G	0.0384
rs644694	A	0.0498
rs77350617	T	0.133
rs80257410	A	-0.0441
rs9964959	G	0.0261
rs17669125	A	0.0932
rs17566463	G	-0.0423
rs118033520	A	0.0846
rs9807598	A	0.0284
rs8097715	A	-0.0534
rs9956021	A	-0.029
rs11664751	C	0.0345
rs206592	C	-0.0283
rs7232992	T	0.0287
rs117356208	C	0.1272
rs62091913	T	0.028
rs145576285	A	0.0858
rs11080456	T	0.0353
rs34632975	C	0.0781
rs12457911	T	0.0474
rs149465	T	0.09
rs17659822	C	-0.0252
rs148329134	C	0.107
rs12967469	G	-0.0259
rs8095638	G	-0.0707
rs139409329	A	-0.0825

rs144706428	A	-0.1477
rs7228266	A	-0.0259
rs17067762	C	-0.0845
rs1460281	T	0.0356
rs11659485	C	-0.0363
rs139214593	A	-0.0504
rs34732739	A	-0.0393
rs118148419	T	-0.0851
rs4539670	G	-0.0602
rs8089116	T	-0.0886
rs150537469	T	0.0795
rs72949726	T	0.0878
rs147013247	G	-0.0751
rs34395492	T	0.0779
rs1521421	A	0.0395
rs2289630	A	0.055
rs16940502	G	0.0865
rs2615003	C	0.024
rs62099770	T	-0.0809
rs8090286	T	-0.0281
rs28528836	T	0.0644
rs8099076	A	-0.0252
rs72886804	C	0.1258
rs11660785	A	0.0351
rs8098004	G	-0.0467
rs111951855	T	0.1739
rs9960620	T	-0.0256
rs74813455	T	-0.1158
rs138495492	A	0.1116
rs1291181	T	0.0303
rs11665643	T	0.0283
rs78537788	G	0.054
rs72885970	C	0.0462
rs62087348	A	-0.0642
rs72958049	C	0.0351
rs76009439	A	-0.1414
rs62076848	G	0.1784
rs16956224	A	0.092
rs72931539	G	0.0724
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rs144864949	C	0.112
rs34878736	A	0.0248
rs72928796	G	-0.0408
rs10469093	G	-0.0405
rs77617826	G	0.0617
rs587742	A	-0.0283
rs12967904	G	-0.097

rs141974266	C	-0.1326
rs9957425	C	0.0284
rs9961965	C	0.0254
rs2341747	C	0.0251
rs568365	C	-0.0355
rs1662289	C	-0.0896
rs142373070	C	0.042
rs7231729	T	0.0763
rs56316171	C	0.1494
rs7229384	A	0.0281
rs80275686	T	0.1883
rs78609763	C	0.0976
rs17743292	C	-0.086
rs2160913	C	0.0282
rs148932040	G	-0.1401
rs138561968	C	0.0749
rs335921	G	0.0237
rs1125113	T	0.0353
rs9966499	C	0.0247
rs17595959	C	-0.0384
rs1818148	T	0.0379
rs149317432	T	0.1695
rs8094360	A	0.0389
rs77735572	G	-0.1243
rs9956685	A	0.0889
rs57144231	C	0.0367
rs72963578	A	-0.0381
rs58191032	A	0.0442
rs9948821	A	0.0292
rs117637007	T	0.0497
rs4986224	G	-0.0275
rs80215169	T	-0.0616
rs12967381	A	-0.0649
rs11876970	C	0.0271
rs8096242	A	-0.0315
rs77185859	G	0.0606
rs7234181	C	0.0326
rs117761481	C	0.0762
rs147531993	G	0.0841
rs145899337	T	-0.1689
rs55699115	A	0.1575
rs73939855	A	0.0698
rs1424413	A	0.0266
rs74377072	C	-0.0963
rs1316513	C	0.0366
rs4798716	C	-0.0348
rs1573361	G	-0.1388

rs117328372	C	-0.13
rs16977703	A	0.0542
rs8089980	T	0.0243
rs7232502	T	0.0251
rs206531	T	-0.0262
rs17755337	G	-0.0854
rs75972613	T	-0.1433
rs7245124	C	-0.0314
rs1941184	C	0.0261
rs588895	T	-0.1613
rs116067668	G	0.1346
rs55869240	A	-0.0496
rs111641747	C	0.11
rs146868544	T	0.1487
rs73966505	T	-0.1977
rs72629871	T	0.0916
rs1505999	T	-0.034
rs117041134	C	0.1074
rs35366426	A	-0.0305
rs55762828	A	0.1226
rs12605044	G	0.031
rs12959463	C	-0.0262
rs7244648	G	0.0246
rs62082828	C	-0.1245
rs145799622	A	-0.0667
rs6506363	C	-0.0253
rs11665124	A	-0.0461
rs118004404	C	0.0951
rs12962772	A	-0.0347
rs76636134	T	-0.0959
rs138066862	C	-0.1154
rs144286063	C	0.1398
rs12326199	G	0.0376
rs12960757	A	-0.0272
rs66726814	G	0.0382
rs111543530	T	0.0972
rs2703167	A	0.0401
rs9964575	T	0.0465
rs79814770	C	-0.0936
rs12970127	G	0.104
rs74887344	T	-0.0847
rs72956868	A	0.0317
rs118055291	A	-0.1481
rs57401351	G	-0.0464
rs7239888	T	-0.0553
rs9951142	C	0.1014
rs72947373	A	0.064

rs112910045	A	-0.0667
rs62101788	T	0.0538
rs117380113	T	-0.1125
rs694006	A	0.0251
rs12185447	C	-0.0952
rs9948951	A	0.0309
rs57810236	A	0.1024
rs7233295	T	0.0266
rs1942720	T	-0.0323
rs78008841	T	-0.1106
rs149259132	T	-0.1099
rs140654665	G	0.0533
rs213085	A	0.0371
rs2115706	G	0.0315
rs12966050	G	-0.0719
rs80002967	G	0.1222
rs10438879	A	0.0258
rs118093870	G	0.1645
rs9947511	T	0.0243
rs11151175	C	-0.0765
rs1284056	T	0.0328
rs7243509	T	0.0343
rs77487584	A	0.0802
rs137977908	A	0.1329
rs2298778	T	-0.0235
rs114146122	G	-0.158
rs34693543	A	-0.046
rs28665989	A	-0.0365
rs78741579	G	0.057
rs71358418	G	-0.0859
rs118129791	C	0.0935
rs111413989	C	-0.1439
rs62103375	A	-0.0278
rs138309069	A	-0.1647
rs79467233	G	0.1374
rs12458088	T	-0.0734
rs7237801	G	0.0295
rs12962428	T	0.1586
rs150268070	G	-0.1684
rs111745392	T	0.0483
rs143342913	T	0.1972
rs62083885	A	-0.0653
rs11151061	A	0.0441
rs7242954	C	-0.0366
rs73399060	G	-0.0519
rs2033103	T	0.0241
rs67332958	A	0.0671

rs4799198	C	-0.0256
rs4798432	C	0.0424
rs479141	T	0.1065
rs3893676	C	-0.0424
rs17619782	G	-0.0792
rs6565854	G	0.0266
rs148882323	A	0.1715
rs559391	T	0.0403
rs77450211	T	0.1311
rs79194717	C	-0.2404
rs116841240	G	0.0767
rs12386101	C	-0.0298
rs56346218	G	0.1167
rs11663972	C	-0.0393
rs4534943	C	-0.0378
rs8087137	T	0.0333
rs1015834	T	-0.0707
rs953697	T	-0.0421
rs2187372	C	-0.0333
rs16952507	T	-0.0452
rs11662849	A	-0.0365
rs9944769	A	-0.0458
rs11660188	C	-0.0734
rs79081276	T	0.0892
rs141891809	C	0.1379
rs8093828	T	-0.1096
rs9950795	A	0.027
rs72975318	T	0.0936
rs2282630	C	0.0367
rs9965737	C	-0.0298
rs146781516	T	0.1619
rs76459099	G	0.1202
rs72948534	T	-0.0727
rs149857944	G	-0.0798
rs75666203	T	-0.1623
rs78928478	G	-0.0745
rs2120124	T	0.0276
rs7227687	G	0.0445
rs116014524	T	0.0736
rs28709065	G	-0.0374
rs114086607	T	0.1136
rs141974368	A	-0.0883
rs10853319	A	-0.0806
rs9958057	C	0.0737
rs141246879	A	0.1208
rs4392150	A	0.05
rs536765	G	0.0271

rs2850878	G	0.0291
rs238142	A	0.0371
rs640981	C	-0.0278
rs566381	C	0.0245
rs62089050	T	-0.0407
rs2850757	A	0.1098
rs8182389	A	0.1123
rs12968769	C	0.0416
rs12961129	T	0.1567
rs8093135	T	-0.0449
rs72870338	G	0.0302
rs11659391	A	0.0728
rs17194666	C	-0.0258
rs117390852	A	0.1649
rs56899333	T	0.1061
rs1941496	A	-0.0475
rs72877651	A	-0.0597
rs9948561	A	-0.0306
rs4293485	A	0.0347
rs73965555	G	-0.1271
rs78496386	C	-0.0288
rs117682790	C	0.1941
rs17056775	T	-0.1128
rs62086166	G	-0.1337
rs117729536	A	0.2168
rs80167287	G	0.0615
rs78366905	A	-0.0627
rs12455766	A	0.0402
rs16940481	T	0.1151
rs2096902	C	0.0253
rs2928953	G	0.0243
rs17086730	G	0.0322
rs12455648	C	0.0266
rs111359626	T	0.1333
rs117792085	T	0.0486
rs149725678	A	-0.1164
rs17080293	C	-0.0981
rs9966137	T	-0.0274
rs13381553	T	-0.0405
rs7230489	T	0.0351
rs2172097	T	-0.0237
rs9947840	T	0.0415
rs867708	C	0.0334
rs17446847	C	0.0798
rs140570854	G	0.1222
rs1378142	A	0.0287
rs9954033	C	0.0428

rs79439691	T	-0.1264
rs892406	G	0.1139
rs11873758	A	-0.0522
rs34619612	C	0.0534
rs75645377	T	0.0647
rs73947997	T	0.0497
rs117980961	G	-0.0775
rs56161617	T	-0.0294
rs138974951	T	-0.1126
rs11660343	A	0.0402
rs118099078	T	0.1679
rs62081900	C	-0.0368
rs12606742	A	0.0298
rs3914786	G	0.0381
rs2572270	T	0.1093
rs77341576	C	0.0383
rs7240772	G	-0.0298
rs76400174	A	0.0552
rs57140639	G	0.1089
rs75150502	T	-0.0698
rs75021781	G	-0.0868
rs72939222	C	-0.046
rs1652355	A	0.0252
rs140510189	C	0.1528
rs112064665	G	-0.0972
rs1354876	G	-0.0388
rs35620628	T	0.1083
rs142714404	A	-0.1491
rs1790636	T	0.0579
rs9960415	C	-0.0319
rs8094334	C	-0.094
rs149683399	T	-0.1643
rs8093690	T	0.0285
rs144389193	T	0.115
rs11662328	A	0.0292
rs1292301	A	-0.0537
rs77479788	C	0.0612
rs117991312	C	0.0492
rs4561564	G	-0.0396
rs1683380	A	0.0255
rs78282708	T	-0.0446
rs894732	G	-0.024
rs150670189	G	-0.1071
rs111704076	T	-0.0917
rs1460516	C	0.0389
rs11877272	G	-0.0414
rs17803557	C	-0.1427

rs80159927	G	-0.0728
rs76608997	A	0.1015
rs11151050	T	0.0568
rs72969723	A	0.0306
rs62078685	C	0.0476
rs62098065	T	-0.0337
rs78607494	T	0.0676
rs56251333	T	-0.0287
rs16950875	C	0.1285
rs62090936	T	-0.0581
rs71367589	T	0.0687
rs3786455	T	-0.0236
rs117669930	G	-0.1231
rs1972045	A	0.0621
rs7233389	G	0.0826
rs117802590	A	-0.2312
rs75095140	T	0.063
rs9958286	A	0.07
rs117349905	T	-0.1723
rs17651357	T	0.1365
rs7243103	C	-0.0323
rs62082003	T	0.0724
rs146247909	A	0.15
rs143916141	A	0.0957
rs12327056	G	0.0231
rs138711006	A	-0.153
rs4800001	T	-0.037
rs11659412	A	-0.0237
rs336279	G	-0.0235
rs11665329	T	0.0352
rs8087953	T	-0.0492
rs28661488	A	-0.0889
rs8093359	G	0.0266
rs17828503	A	0.0985
rs12967733	C	-0.0358
rs17669793	G	0.0443
rs2941807	G	0.0636
rs146243727	C	0.1359
rs12967247	A	0.2082
rs11876031	T	0.0985
rs116512617	A	0.0904
rs77377840	G	-0.1207
rs2581651	C	-0.0414
rs897999	A	-0.0283
rs12326986	G	-0.0405
rs72920415	T	-0.083
rs17758948	A	0.04

rs141820789	A	-0.0581
rs1993532	G	-0.0245
rs72913755	G	0.0414
rs75848716	G	-0.1228
rs9962082	C	0.0242
rs73950702	A	-0.0391
rs146774536	T	0.0776
rs1541618	C	-0.0335
rs2156649	A	0.0972
rs72913910	T	-0.0602
rs12957107	T	0.0489
rs75532026	G	0.0805
rs17678294	G	0.0279
rs71357643	T	-0.0722
rs4603632	T	-0.0268
rs72898051	A	-0.0945
rs72932190	A	-0.1618
rs28406916	G	0.169
rs12604637	T	-0.0446
rs78371278	A	-0.0311
rs72954420	G	-0.0768
rs1979227	C	0.0296
rs7505668	A	-0.0344
rs478608	A	0.0317
rs112184524	G	-0.1748
rs58186817	C	0.0599
rs76024151	T	0.0678
rs56303882	C	-0.1753
rs79705333	G	0.1905
rs72931875	C	-0.1348
rs78423739	A	-0.1394
rs62088099	A	-0.0381
rs34131900	G	-0.062
rs9951108	A	-0.0267
rs11874922	G	0.0373
rs72973942	G	0.1689
rs17687475	G	-0.0482
rs117684378	C	0.0971
rs17649254	A	-0.0386
rs117422283	A	-0.1715
rs17220527	A	-0.0313
rs116844899	A	0.0877
rs79056087	C	0.1356
rs75963700	G	0.114
rs2000793	T	0.0272
rs1539815	T	-0.1137
rs613691	C	-0.0245

rs12954515	T	0.1806
rs9807542	A	-0.0744
rs7227804	C	0.0295
rs17718307	G	0.1257
rs9945716	C	-0.1301
rs138263207	A	-0.1879
rs77231791	A	0.0665
rs72906966	A	0.0306
rs1370910	T	-0.0798
rs113582701	A	0.083
rs72924821	A	0.1535
rs12953809	T	0.0418
rs10401115	G	-0.0276
rs1833300	G	-0.0696
rs8098307	C	0.0354
rs7236060	G	0.0243
rs4987774	G	0.0957
rs510573	G	-0.0254
rs9959024	A	0.0636
rs35976083	C	-0.0384
rs79909512	C	-0.0419
rs79262907	A	-0.0613
rs62087038	A	0.0395
rs16973101	G	-0.0642
rs77528544	T	-0.08
rs117186977	A	0.0879
rs74361151	A	-0.0822
rs12608044	A	-0.0351
rs12955697	A	-0.023
rs2155703	G	-0.1433
rs1991893	C	0.1509
rs55855238	T	0.0243
rs668296	T	-0.0303
rs8093434	C	0.0692
rs62093967	A	-0.0632
rs11663188	G	-0.073
rs57185637	A	0.0708
rs77156390	C	-0.045
rs145209622	G	0.1118
rs141390096	C	-0.0903
rs117453249	T	-0.1166
rs1621364	A	0.0265
rs2111927	G	0.0283
rs6566600	T	-0.0297
rs12959619	T	0.0325
rs12150762	C	-0.0311
rs61524155	A	0.0418

rs11151641	G	-0.0255
rs12455524	A	0.0398
rs80238093	T	-0.0711
rs78742842	A	-0.1013
rs75121472	A	-0.1205
rs17206573	A	0.1054
rs1551003	G	0.0235
rs117860207	G	0.0863
rs1541860	C	-0.0274
rs35531140	A	0.0959
rs1370827	A	0.0252
rs7227648	A	-0.0625
rs113437311	T	0.0465
rs117299285	A	0.1028
rs146742211	C	0.1859
rs11663857	T	0.0617
rs117504759	T	-0.1221
rs2192584	G	0.0298
rs78218754	T	-0.0803
rs62093611	C	0.0261
rs2156641	G	-0.0707
rs577454	T	0.0236
rs75890328	T	-0.0576
rs8095036	T	-0.0235
rs59397037	C	-0.0468
rs62098130	T	0.0458
rs28405552	T	-0.057
rs74482840	T	0.072
rs17234724	A	0.0901
rs72966552	G	-0.033
rs7243825	A	0.0229
rs9959662	G	0.0226
rs2322096	C	0.024
rs4797469	T	-0.0289
rs9973023	C	-0.0405
rs74407593	A	-0.125
rs11152060	G	0.023
rs12961648	T	0.0815
rs16948331	A	0.0266
rs12962359	G	0.0261
rs117189267	T	-0.1232
rs17498113	A	0.0705
rs60283184	T	0.0385
rs117864796	T	0.1023
rs9952935	G	0.0661
rs12454933	G	0.1144
rs11665175	A	0.0263

rs72912673	C	0.058
rs150269099	T	0.1092
rs76095859	T	0.0558
rs72642423	A	-0.0484
rs139405462	A	0.1337
rs11873936	A	0.0273
rs143752494	T	-0.1071
rs9789209	A	-0.0701
rs1899126	A	-0.0547
rs9646505	G	-0.026
rs616290	G	-0.0234
rs35469954	T	-0.1434
rs76482679	T	-0.0713
rs6508087	A	-0.0311
rs558320	T	0.0414
rs11080532	A	-0.0256
rs73413474	A	-0.1011
rs77198819	G	-0.0827
rs150960954	C	-0.1087
rs9953181	G	-0.2117
rs7229963	G	0.0416
rs144524162	A	-0.1687
rs7240429	C	0.027
rs4798233	T	-0.0238
rs148462858	C	-0.11
rs58680865	G	0.1794
rs77905661	A	-0.0745
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rs62092600	A	0.2033
rs11662578	A	-0.0245
rs79617728	C	-0.094
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rs140067734	A	0.1272
rs75496586	G	-0.1302
rs72998206	A	0.1307
rs148838692	T	0.0937
rs77325028	C	0.0401
rs74882570	T	0.04
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rs12606685	A	0.0941
rs34545028	T	0.0229
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rs76382984	T	0.1064
rs9961954	T	-0.0254
rs117904786	G	-0.1687
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rs112560576	A	0.1056
rs80018649	A	0.0516
rs4450498	G	-0.061
rs11660923	A	0.0358
rs76713908	A	-0.0599
rs139168358	T	-0.0609
rs35600602	A	-0.1661
rs12953409	A	0.0702
rs12957365	C	0.0245
rs11659512	A	-0.0582
rs12955509	T	0.1727
rs584788	A	0.084
rs689827	T	0.0792
rs72901058	T	0.1907
rs607374	T	0.0242
rs9957768	C	0.0268
rs7230653	A	-0.0223
rs11660373	T	0.022
rs76491762	C	-0.074
rs139161694	A	0.0982
rs62101981	G	0.078
rs8095718	T	0.0525
rs76420385	A	-0.0449
rs62104542	A	0.0403
rs11659484	T	-0.029
rs72890426	C	-0.1697
rs11875173	C	-0.0255
rs75250946	C	0.1567
rs113895039	A	-0.0273
rs75104750	A	0.1241
rs626034	C	0.0229
rs115453557	T	-0.0898
rs1426022	T	0.0228
rs75330487	A	-0.1102
rs72943035	A	0.1121
rs56077505	T	-0.0317
rs10853488	C	0.0708
rs72937465	G	-0.036
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rs56679510	A	-0.0363
rs34099738	A	-0.1374
rs111961476	T	0.082
rs28445265	C	0.0482
rs8098608	C	-0.0447
rs602201	A	0.033
rs111961512	C	-0.1204

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rs1395858	T	-0.0258
rs73971236	A	0.1624
rs149047270	A	0.1302
rs75573512	G	0.1191
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rs138617911	G	-0.0733
rs2359593	C	0.0255
rs7230501	G	0.0228
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rs117115222	C	-0.1634
rs111612748	T	0.0442
rs118026835	G	0.1352
rs72981719	T	0.0381
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rs470497	C	-0.0233
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rs2856966	G	-0.0273
rs17203328	C	0.081
rs77811712	G	0.0547
rs75395026	C	-0.052
rs13381292	C	-0.0381
rs16958643	C	0.0678
rs4940484	G	0.1758
rs111467462	C	0.0906
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rs35682897	A	-0.071
rs9967532	T	-0.0292
rs72936695	T	0.1262
rs56118402	G	0.1045
rs2852945	C	-0.0232
rs73376270	A	0.0598
rs58867668	G	-0.1246
rs28472558	G	0.0828
rs79435461	C	-0.1778
rs894761	A	0.0242
rs9965777	T	0.0255
rs146533583	C	-0.1828
rs4245244	A	-0.0562
rs77861985	A	0.0953
rs1484220	G	0.0281
rs61021766	A	0.0527

rs8097304	A	0.0361
rs2865138	C	-0.041
rs9304496	C	0.0261
rs4799155	T	0.0708
rs62103761	C	-0.1474
rs12604419	C	-0.0238
rs76672930	G	-0.0892
rs73952158	T	0.0611
rs73939206	T	0.038
rs11876683	C	0.0909
rs12605180	G	-0.0264
rs118072886	G	0.105
rs62093546	A	-0.0408
rs9952048	C	-0.0378
rs117929949	G	0.1272
rs72916872	C	0.0553
rs79661170	C	-0.0669
rs147163076	A	-0.2094
rs12966370	G	-0.0266
rs142924844	A	-0.115
rs12960129	G	-0.0278
rs118175831	T	0.0707
rs111706442	T	-0.1659
rs6507871	T	-0.0559
rs10468741	A	-0.0245
rs8099193	A	0.0231
rs117168099	A	-0.1143
rs4986216	A	-0.1155
rs57850826	T	0.064
rs11661139	G	0.0374
rs112736345	A	0.1107
rs112216635	A	-0.1845
rs12604641	C	-0.1668
rs9304332	T	-0.0252
rs75127496	T	-0.0259
rs9955167	T	0.0841
rs8083214	G	-0.0427
rs9957121	T	0.0307
rs58165771	C	0.0331
rs8084470	C	-0.0648
rs317813	A	0.0216
rs34619405	G	-0.0411
rs76689648	T	0.0844
rs7240977	A	-0.0587
rs72968222	C	-0.1434
rs78321800	A	0.0334
rs17803584	A	0.0226

rs4797292	C	0.0252
rs6505532	G	0.0379
rs75591954	A	-0.1721
rs60736471	G	0.0289
rs6507292	A	-0.024
rs16972875	A	-0.03
rs2337149	T	-0.025
rs10432229	C	0.0497
rs1595365	T	0.0317
rs72868368	T	-0.1575
rs143396158	T	0.1144
rs76389262	G	0.0969
rs72926686	A	-0.0349
rs35614896	G	0.0276
rs884435	G	0.026
rs75490981	A	-0.0563
rs17569491	A	0.0556
rs11663367	T	0.0298
rs618787	C	0.113
rs73399578	A	-0.0824
rs62104628	G	0.0487
rs145015168	A	0.0485
rs11663031	C	0.0488
rs9964529	T	0.0289
rs11872992	A	0.0324
rs78762655	C	-0.0422
rs7237675	A	0.0258
rs11665624	A	-0.0228
rs45574534	T	-0.0389
rs357896	A	0.0241
rs117483877	G	0.1453
rs111924824	G	0.1526
rs7226608	T	-0.0384
rs2000893	C	-0.0228
rs7241477	C	-0.1236
rs3786343	T	-0.0226
rs9967368	C	0.0298
rs17090076	C	-0.0571
rs71361336	A	0.0384
rs78720623	A	0.0516
rs11664561	C	0.1174
rs206424	G	-0.118
rs115908751	G	-0.0949
rs8091955	G	-0.0217
rs117203015	A	0.1084
rs8088174	G	-0.0277
rs146900981	G	-0.1513

rs11660849	T	0.029
rs12968544	A	-0.0301
rs118191381	C	0.1198
rs72892585	A	0.1078
rs12968214	C	0.029
rs517716	C	-0.0401
rs2909274	T	-0.0323
rs61683946	A	0.0521
rs150532400	G	0.094
rs12968691	A	-0.0484
rs4799425	T	0.0227
rs11875777	G	0.0391
rs79245301	G	0.0948
rs72878296	G	-0.1194
rs117100383	T	-0.0987
rs140972096	T	-0.1457
rs11082827	T	0.0648
rs646285	G	-0.0415
rs501564	A	0.1045
rs56387261	T	-0.0224
rs62103113	C	-0.0916
rs76547238	T	-0.0467
rs150471944	G	-0.1254
rs57977092	T	-0.0342
rs4797318	G	0.0253
rs145333366	A	0.1452
rs74671490	A	0.0382
rs111421049	A	-0.1453
rs1530349	A	0.0399
rs1943596	C	-0.0455
rs62092934	T	0.042
rs142944433	G	0.1209
rs339848	G	-0.0256
rs7233413	C	0.0232
rs1559903	T	0.0224
rs117882947	T	0.1286
rs476897	A	0.0599
rs80022557	C	0.0443
rs80184008	A	-0.0997
rs1485803	G	-0.0225
rs11659817	A	0.0214
rs12457401	G	-0.0223
rs74529094	A	0.1867
rs5002055	A	-0.0668
rs118128982	A	-0.0758
rs72873878	C	0.0412
rs117204231	T	-0.1439

rs4483946	A	-0.025
rs118167569	A	-0.1153
rs78493123	G	-0.0689
rs117652141	G	-0.1152
rs9952655	T	-0.037
rs6506075	T	-0.0852
rs9956673	C	-0.0601
rs150568224	A	0.1721
rs113699313	T	0.0355
rs75214992	A	0.1256
rs144132086	A	0.1088
rs12962194	C	-0.0328
rs34394544	A	0.1089
rs2615550	T	0.0227
rs4531810	A	0.0764
rs4525596	T	0.0248
rs8093395	G	-0.0227
rs16974035	G	-0.0257
rs55935074	A	0.0676
rs596996	C	-0.04
rs12959087	G	0.0865
rs505290	T	-0.0236
rs12606567	T	0.0254
rs139344665	A	0.1913
rs4528655	C	0.0281
rs12607645	C	-0.0412
rs12954229	C	-0.0438
rs117833456	C	-0.0795
rs16940692	G	0.0293
rs150383418	G	0.0903
rs2053519	T	0.0242
rs113063624	A	-0.0665
rs113839816	A	-0.0787
rs1057251	C	-0.0354
rs9953257	A	-0.0489
rs117533598	T	0.0945
rs72882932	A	0.0367
rs146919316	C	0.1966
rs1501037	G	0.0274
rs113596564	A	0.111
rs9646463	T	-0.0287
rs72973181	G	-0.049
rs2980968	T	0.0369
rs141265726	A	0.1338
rs35453062	A	-0.0643
rs10853343	G	-0.0268
rs117449295	C	0.057

rs9965239	T	0.0326
rs11876907	A	-0.0452
rs149482901	A	0.1316
rs28575051	A	0.0712
rs8090083	T	0.0267
rs72954524	C	0.0742
rs73942630	C	-0.1317
rs79924911	C	0.0896
rs150944187	T	0.0943
rs73486421	C	-0.057
rs143288319	T	-0.2032
rs72917375	T	0.071
rs7244215	A	0.0247
rs72963300	A	-0.0574
rs17759167	C	0.0437
rs78066667	A	0.1144
rs77669160	T	-0.0621
rs147617387	G	-0.1018
rs2584765	A	0.0246
rs9963318	A	0.0235
rs11875142	A	-0.1346
rs62091377	A	-0.0262
rs146931379	A	-0.0753
rs74821035	C	-0.1161
rs146583979	C	0.1451
rs1539851	A	-0.0277
rs117362100	G	0.1272
rs147056352	A	-0.0771
rs4344844	G	0.0424
rs62087991	T	0.0806
rs62081771	T	0.0704
rs9959302	A	0.0318
rs144044095	A	-0.043
rs145774479	A	0.123
rs1320674	T	0.0226
rs139225446	G	0.1146
rs9959532	G	0.024
rs7240959	A	-0.0217
rs2068616	C	-0.0586
rs35439116	T	0.0574
rs73965521	T	0.0314
rs206604	G	0.0214
rs112091287	G	-0.1442
rs72926337	A	-0.067
rs75725499	A	-0.0549
rs111591397	T	-0.1627
rs76586387	A	-0.097

rs62080410	G	0.0648
rs62087104	C	0.0915
rs12959905	A	-0.0816
rs57957593	A	0.086
rs77698690	C	0.1039
rs79474680	A	-0.0821
rs77140448	A	-0.1501
rs9959492	G	0.0793
rs62083565	T	-0.0506
rs2230167	A	-0.0276
rs7238405	G	0.094
rs17562974	C	-0.0999
rs2083846	C	0.0262
rs11874341	A	-0.0252
rs162000	C	-0.0238
rs12971246	A	-0.0231
rs4798729	G	-0.0325
rs4799526	C	0.0373
rs4800350	T	-0.0247
rs572614	T	-0.0444
rs4497773	A	0.0299
rs9960707	C	0.0367
rs7228861	G	0.0236
rs11665116	T	0.0337
rs117817571	T	-0.0664
rs111719372	A	-0.1009
rs77358893	A	-0.1069
rs72876359	T	0.1071
rs72961293	T	0.0861
rs3764481	T	-0.0325
rs72970859	A	-0.1405
rs12606127	T	0.0222
rs56152681	A	-0.0364
rs117904262	A	-0.1373
rs11876086	C	0.0277
rs141361288	T	-0.1415
rs140927581	C	-0.1519
rs75591948	T	-0.1545
rs147870275	C	0.0981
rs948655	T	-0.0225
rs1470829	G	0.022
rs1791351	G	-0.0248
rs28405607	T	-0.1306
rs838050	T	-0.028
rs7407368	G	-0.023
rs74408409	A	0.0484
rs8088407	T	-0.0427

rs11083109	T	0.0264
rs1564070	C	0.0297
rs8097949	G	-0.0251
rs11664407	T	-0.0731
rs72984321	G	0.0699
rs12457981	A	-0.1709
rs9319757	C	-0.031
rs658594	C	0.0242
rs9947240	T	0.0328
rs929525	G	-0.024
rs77237436	A	0.161
rs79879712	T	-0.0471
rs8086644	A	0.0282
rs35035711	T	0.1097
rs8084210	G	-0.0419
rs146225340	A	-0.1694
rs62094260	A	-0.0243
rs12607097	G	0.0291
rs72867273	G	0.072
rs1284429	G	-0.0229
rs17650693	T	-0.0439
rs72917237	G	-0.0419
rs117958137	C	0.0562
rs4254394	T	0.0246
rs139494588	G	-0.0619
rs280996	A	-0.0375
rs4797330	A	-0.0277
rs17446169	A	-0.0848
rs71357638	T	-0.0911
rs12604822	A	-0.0883
rs12960899	T	-0.0469
rs1787624	A	-0.0482
rs149171071	T	-0.1041
rs76471336	C	0.0408
rs72963481	A	0.0709
rs77424858	C	0.1412
rs17447035	G	0.1065
rs4488537	A	0.0299
rs2564500	G	-0.0217
rs12604331	T	0.0311
rs28545346	C	0.1672
rs117181950	T	0.1095
rs8087060	T	0.0234
rs7504573	G	0.0285
rs67211564	C	-0.0279
rs11081496	C	-0.0242
rs11151010	A	-0.0382

rs631422	G	0.0421
rs3017255	T	-0.0502
rs77344390	A	0.192
rs34154304	G	0.0246
rs71364459	T	0.0624
rs8087307	G	0.0249
rs4438376	T	-0.0235
rs1965808	C	-0.0229
rs12953557	A	-0.0842
rs4800316	A	0.1648
rs17728625	G	0.0624
rs643444	A	-0.0251
rs75678489	A	-0.0805
rs12966280	G	-0.1693
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rs142211214	G	-0.1048
rs78379543	A	0.0461
rs78434772	T	0.063
rs1237238	C	0.026
rs72970510	G	0.0329
rs6505982	C	-0.0233
rs112318482	T	-0.0575
rs11662160	T	-0.0461
rs144573241	T	0.0917
rs4302145	C	-0.0251
rs118124156	A	-0.1333
rs4891255	C	-0.0241
rs888294	T	-0.0312
rs6507301	A	0.0444
rs12604221	T	0.038
rs7238528	G	0.0214
rs1484221	A	-0.0267
rs714789	G	0.0223
rs10853567	A	-0.0409
rs34381968	T	-0.0467
rs7243052	A	0.0254
rs4534922	T	-0.0237
rs144674634	C	0.0953
rs1433928	T	0.0226
rs75019912	C	-0.1289
rs75131917	A	-0.0636
rs117607381	T	0.092
rs7236398	A	-0.143
rs11664313	G	0.0286
rs76217920	A	0.0624
rs578372	T	0.0226
rs148879358	T	0.138

rs75104423	C	0.0383
rs112960771	A	-0.1099
rs11664274	G	0.1031
rs12709667	C	-0.028
rs118008476	C	0.0677
rs355321	T	0.0276
rs28639965	C	0.093
rs146885212	G	0.25
rs28625290	T	-0.0326
rs118139936	G	0.079
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rs59391140	T	0.0702
rs62089546	T	0.1298
rs36031691	C	0.0434
rs4447498	T	-0.041
rs9957100	C	0.0322
rs17671611	T	-0.0324
rs76772780	G	0.0428
rs4372787	C	-0.0509
rs2688998	G	0.024
rs8094745	C	0.0216
rs7230641	G	-0.0712
rs138024699	A	0.1526
rs2460078	A	0.0341
rs75157950	T	-0.0513
rs34877234	A	0.0232
rs140390396	A	-0.0892
rs11665151	T	-0.0248
rs72940905	C	0.0868
rs144868925	C	0.0952
rs141602527	G	0.069
rs34010348	A	-0.0646
rs74731745	T	-0.0516
rs79350200	A	0.113
rs9945729	A	-0.03
rs3889769	T	0.0214
rs76294415	T	0.0667
rs8089679	A	0.0234
rs17436205	G	-0.0236
rs9950855	T	0.0875
rs57141605	A	0.1198
rs420866	A	-0.0326
rs115506422	A	-0.1532
rs66477403	T	0.1486
rs111340471	A	0.0552
rs17681502	A	-0.043
rs9956333	T	-0.0473

rs148825316	A	0.1022
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rs117958002	A	0.084
rs74448815	C	-0.0985
rs68545	C	-0.0214
rs16974014	C	0.0799
rs62097967	T	0.0429
rs41370148	C	0.1136
rs79131845	G	0.0456
rs117435616	C	0.1528
rs12956253	C	-0.0392
rs12458418	G	0.0279
rs77197250	A	-0.1216
rs117914719	C	-0.1029
rs8097984	A	0.0264
rs71364239	T	0.0763
rs76055182	C	0.0321
rs893316	C	0.0255
rs17663253	C	-0.0363
rs72973460	T	-0.0929
rs1456605	C	-0.028
rs2156336	T	0.0243
rs117167766	C	0.122
rs142055155	T	-0.1241
rs17089706	C	0.0744
rs4375766	T	0.0225
rs2733118	C	0.0318
rs8090349	C	-0.0359
rs139175454	A	0.0976
rs118073339	C	-0.0611
rs35229742	C	-0.052
rs8091391	C	0.0856
rs2219281	G	0.0214
rs150157641	A	-0.0716
rs582576	A	0.0303
rs7229880	A	-0.0301
rs12968929	G	-0.0371
rs7230764	G	-0.0301
rs13339701	A	0.0249
rs1893668	A	-0.0742
rs10432249	C	0.0221
rs149891247	A	0.1048
rs140028407	T	-0.1611
rs34246918	A	-0.0623
rs12956202	C	0.0292
rs1582790	C	-0.0218
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rs117787982	T	-0.1025
rs141938369	G	0.1121
rs2653622	G	-0.0529
rs17056720	A	-0.0226
rs74643174	T	0.0642
rs118134297	A	0.0646
rs13381664	T	0.125
rs12456277	C	-0.0322
rs113187313	T	0.1256
rs6566629	T	-0.0323
rs1785394	T	-0.0357
rs145119835	T	0.1197
rs72858624	G	-0.0372
rs206631	T	-0.0237
rs78118558	C	-0.0514
rs13381942	G	-0.036
rs113962390	G	-0.0581
rs149068973	T	-0.116
rs4798950	T	0.0258
rs11665491	A	0.0242
rs143645109	C	-0.1302
rs77512254	G	0.0704
rs11661106	A	-0.04
rs35523669	C	0.0264
rs79615847	G	-0.1291
rs78362169	C	-0.0538
rs622479	T	0.0375
rs117744436	A	-0.0962
rs78021572	C	0.0374
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rs78059169	T	0.0488
rs117260532	C	0.1301
rs8098963	C	0.0263
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rs34245610	C	0.0319
rs8093211	C	-0.0394
rs117713434	A	0.0388
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rs72904570	C	0.025
rs203180	G	-0.0257
rs470349	A	-0.0288
rs60356596	A	-0.1711
rs7244106	G	0.0234
rs115210847	T	0.1231

rs117645497	G	0.1044
rs111262255	G	0.041
rs7236582	C	-0.1015
rs117354154	C	0.161
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rs78688511	C	0.094
rs73002025	G	-0.1682
rs138475358	A	-0.1775
rs12965001	C	0.0696
rs62089106	G	-0.0458
rs79607484	G	0.0678
rs400441	T	0.0271
rs78436314	A	-0.0385
rs72980571	T	-0.0856
rs72909819	A	0.1211
rs28489676	G	0.0219
rs141298385	G	0.1144
rs80288634	A	-0.075
rs145415896	A	0.1224
rs113080546	C	0.086
rs17752911	C	0.0204
rs71355349	G	0.0324
rs17596974	T	-0.0505
rs150535798	A	-0.08
rs35984124	C	0.0363
rs75165842	A	-0.0458
rs12605292	G	-0.0308
rs9953829	T	0.0214
rs17813291	A	-0.0314
rs11659893	A	0.0606
rs62097224	T	0.046
rs144757250	C	-0.1541
rs56145940	T	-0.0469
rs113529152	A	-0.0669
rs56824559	C	-0.0226
rs35766965	T	-0.1289
rs17812788	A	0.0735
rs4143509	C	-0.0216
rs11663009	A	-0.0263
rs1943994	T	-0.0418
rs1349626	T	0.0204
rs76783433	T	-0.081
rs34135627	A	-0.1159
rs1785149	T	-0.0221
rs642237	G	0.0258
rs11082774	G	0.042
rs62092419	A	-0.1151

rs11660494	G	0.0227
rs116891216	A	-0.1319
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rs17823706	A	-0.0371
rs2616761	A	-0.0255
rs12604092	T	0.1269
rs66664234	A	-0.0368
rs9948864	G	-0.0208
rs62086263	T	0.0305
rs145562478	G	-0.1971
rs2099866	A	-0.0281
rs73449162	A	0.1067
rs2851197	G	0.0711
rs75919536	A	0.0927
rs7228952	T	0.0345
rs79767236	A	-0.0816
rs1660278	A	0.0778
rs78380887	A	0.0491
rs9965162	G	-0.0248
rs72861410	T	-0.0719
rs12104055	T	-0.1072
rs17762618	A	-0.1016
rs17662554	T	0.0226
rs72915710	C	0.0437
rs77707319	T	0.067
rs150775410	T	-0.086
rs1380907	T	0.0224
rs117274844	C	0.0715
rs34815680	A	-0.0376
rs17263902	C	-0.0268
rs1785163	T	0.0352
rs2085635	A	-0.0343
rs9957695	T	-0.0207
rs2850463	T	0.021
rs62089607	C	-0.0733
rs73399584	A	-0.0293
rs13380921	T	-0.0221
rs4145796	A	0.0368
rs74565725	A	0.0618
rs9952987	A	0.036
rs17810856	C	-0.0289
rs9950807	G	-0.1141
rs72927308	G	-0.0735
rs55683685	G	-0.1129
rs72885405	C	0.0479
rs28520178	T	-0.0203
rs7245144	C	0.0221

rs17377124	A	0.0663
rs3892391	T	-0.082
rs149817754	C	-0.0894
rs6565889	T	-0.0443
rs113565654	A	-0.0781
rs9304266	T	0.029
rs1402630	A	0.0213
rs2099931	C	0.1194
rs522276	C	0.026
rs146328111	A	-0.1169
rs1940989	A	-0.0439
rs7228492	T	0.0294
rs7230580	G	0.0227
rs74562519	T	0.0814
rs76108624	T	0.1158
rs11659772	G	-0.0361
rs62088306	T	-0.0265
rs7242131	T	0.0763
rs118175110	T	0.1344
rs9964143	A	0.0293
rs143011694	G	0.0928
rs225025	C	0.02
rs34915368	T	0.1603
rs12456880	C	0.0373
rs3786381	A	-0.0229
rs328177	A	-0.0202
rs72917632	T	0.0886
rs72878245	T	-0.1264
rs36095938	A	-0.05
rs1893251	T	0.0463
rs55780358	C	0.0206
rs75837709	T	0.037
rs151074772	A	0.1869
rs7245138	C	0.0449
rs16952004	A	-0.0489
rs34558855	G	0.0306
rs62084507	A	0.0428
rs3786194	G	0.0354
rs117715629	T	-0.1346
rs73373164	G	0.0274
rs3865408	T	0.031
rs7230216	A	-0.0428
rs56289638	A	0.0226
rs12606075	A	0.0891
rs11152188	G	0.0247
rs4239443	T	0.0519
rs76279420	T	-0.1024

rs34855386	G	0.0914
rs2927260	A	-0.0683
rs2617928	T	-0.0219
rs12606884	C	0.0237
rs4797662	A	0.0301
rs988736	G	0.0792
rs116858966	A	0.0963
rs3853683	T	-0.0374
rs116975991	T	0.0693
rs34205361	A	0.047
rs4798354	T	-0.0368
rs77868392	G	-0.0252
rs35693789	G	0.0804
rs4353549	G	-0.026
rs117519855	T	0.0817
rs76864933	T	0.0275
rs116769702	A	-0.0773
rs7239790	G	-0.1283
rs73373062	C	-0.0321
rs11549285	C	-0.1214
rs79380316	T	0.0487
rs11082682	T	0.036
rs1792707	A	0.0222
rs35103299	A	-0.1506
rs117296342	A	-0.1368
rs11872667	C	-0.0276
rs6566587	A	0.0247
rs8089424	T	-0.0243
rs2901364	G	-0.1291
rs4798030	T	-0.0473
rs9965494	A	-0.027
rs112292082	G	-0.1144
rs4941055	T	0.0244
rs60037239	G	0.0262
rs13381661	T	0.0453
rs7230083	T	-0.0273
rs9948307	G	0.0949
rs72923692	C	-0.0765
rs74716554	A	-0.0571
rs62081690	A	-0.0535
rs77375240	G	0.121
rs4294892	T	0.0446
rs8098272	G	-0.0278
rs291640	C	-0.0209
rs4940441	G	-0.0237
rs11660453	C	0.0353
rs146075657	A	0.034

rs11663651	G	0.0336
rs6506879	C	0.0348
rs12326831	G	-0.0431
rs34751112	G	0.0568
rs7229186	T	-0.0224
rs12969256	T	-0.0238
rs9961265	A	0.0479
rs17665516	A	0.0228
rs77872556	T	-0.0465
rs72892546	A	-0.0923
rs1954966	C	-0.0372
rs112417235	C	-0.1107
rs12326449	T	-0.0201
rs72966340	T	0.1449
rs12456017	A	0.0212
rs139720541	G	0.0596
rs74624318	C	-0.1126
rs9966604	A	-0.0264
rs62085368	A	-0.1638
rs72859039	T	-0.0246
rs138672366	C	0.1254
rs78154884	C	0.0378
rs79359283	T	0.1185
rs11661615	G	-0.0239
rs116656138	T	-0.0634
rs55897801	A	0.0267
rs117259641	A	-0.1017
rs58627548	T	-0.0363
rs56079168	G	0.0864
rs80228183	G	-0.1163
rs17084336	G	-0.0254
rs140664356	G	0.057
rs3925018	G	-0.0238
rs150800286	G	0.1988
rs146511508	G	-0.0542
rs78635817	T	0.0771
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rs148877322	G	-0.121
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rs9959756	T	-0.0267
rs11661753	G	0.0209
rs16950743	G	0.0824
rs34293216	T	-0.0284
rs11873328	C	-0.1205
rs117864112	C	-0.1654
rs8089581	T	-0.1343
rs34548902	G	0.096

rs73963895	C	0.0778
rs72869583	T	0.0351
rs1942803	C	-0.0204
rs4891181	G	0.0203
rs145152873	T	0.1193
rs113583067	T	-0.1262
rs144407890	T	-0.1237
rs150458388	G	-0.2101
rs78788227	G	0.1027
rs17521554	T	0.0771
rs3747899	G	0.0272
rs78034542	C	-0.0408
rs111695959	C	0.1688
rs79417726	C	-0.118
rs7233189	G	0.0221
rs76160578	A	0.0686
rs138842766	T	-0.0632
rs4800277	A	0.1157
rs71371785	C	0.0306
rs406756	A	-0.0363
rs76410951	T	0.0937
rs4940438	C	0.0665
rs75435265	T	0.069
rs62086604	T	0.0967
rs12969690	T	-0.0992
rs17702543	T	0.0906
rs112603824	G	-0.0698
rs113985359	C	0.0588
rs76710855	T	0.0664
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rs13381407	T	-0.0291
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rs4278814	A	0.0224
rs79635323	A	-0.0348
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rs12458383	C	-0.0327
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rs72912564	T	0.1024
rs111308565	G	-0.0582
rs76510874	T	-0.0568
rs76555057	C	0.1153

rs9948175	T	0.0296
rs17738806	T	0.1217
rs72861108	G	-0.031
rs1025602	C	-0.0295
rs3809901	C	0.025
rs522919	G	0.0212
rs11151008	C	0.0244
rs78418917	A	-0.1284
rs113167607	G	-0.0472
rs78251958	G	-0.1067
rs113929735	G	0.0536
rs78247778	G	0.1155
rs676147	A	-0.0262
rs1527436	T	0.0198
rs60590923	C	-0.0413
rs12966139	C	0.0548
rs11151202	A	-0.0209
rs9959771	T	0.1181
rs56044012	T	-0.0786
rs116972685	T	0.0894
rs614661	T	0.0205
rs62102874	C	-0.0391
rs117565016	G	-0.1914
rs13382001	C	-0.0456
rs4344843	A	-0.1062
rs8084857	G	-0.0343
rs117642515	T	-0.0986
rs651357	T	-0.0389
rs118180071	T	-0.0924
rs76558198	G	-0.0462
rs10438985	A	-0.0244
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rs17692578	G	-0.0813
rs17070659	C	-0.0293
rs2278156	T	-0.0269
rs55979049	T	-0.0195
rs148039193	T	0.0794
rs71357208	T	-0.149
rs62104693	C	0.041
rs111495043	A	0.0902
rs142605748	G	0.117
rs57144775	A	0.1614
rs7227690	T	-0.0766
rs11875340	G	-0.0539
rs75687188	T	-0.0659
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rs7230473	G	-0.0565
rs60776846	A	-0.0361
rs606105	G	-0.0211
rs143116863	T	0.1312
rs1261093	T	0.0198
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rs9319827	T	-0.0209
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rs78782284	T	0.0238
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rs113277672	T	-0.1051
rs1074036	G	-0.0233
rs144985301	T	-0.0895
rs138692868	A	0.1746
rs74666072	G	-0.0461
rs17548980	A	0.026
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rs12456367	G	0.0339
rs117340513	G	0.1301
rs66827086	C	-0.0214
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rs9748803	T	-0.0246
rs8097438	G	-0.0374
rs117051617	G	-0.0747
rs17816329	A	0.043
rs28702776	G	-0.0219
rs355994	A	0.0197
rs11080581	G	0.0255
rs12373292	G	0.0391
rs72909276	T	0.0649
rs12963345	G	0.0286
rs9635876	G	0.0325
rs142510802	G	0.071
rs150763278	G	0.1003

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rs16974039	C	-0.0362
rs1187229	C	0.0248
rs9964399	C	0.0519
rs77961866	G	0.0719
rs117169014	T	-0.0827
rs1790458	T	0.0213
rs143458170	C	0.0737
rs76246868	T	0.0755
rs6506525	C	0.0233
rs9954200	C	-0.0218
rs9963326	A	-0.0384
rs4940929	C	0.0214
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rs9967580	C	0.0247
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rs75852649	A	-0.0806
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rs647241	A	-0.0293
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rs677850	T	-0.0403
rs79313891	G	-0.1652
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rs139833975	A	0.1004
rs7228004	A	-0.0385
rs142441847	A	0.1462
rs139657047	G	0.0636
rs280997	T	0.0327
rs78695739	A	-0.1231
rs118096905	T	-0.0655
rs117465627	G	0.0898
rs4121854	T	-0.0201
rs7244682	G	0.0214
rs80238768	T	-0.0832
rs71364220	A	-0.1319
rs4121822	G	0.0639

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rs62090741	G	0.1122
rs72968125	G	0.0212
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rs1785424	T	0.1228
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rs74417878	C	-0.0634
rs145308579	C	0.0942
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rs75112068	G	0.0835
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rs141069285	G	-0.1138
rs111476810	T	0.0973
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rs56404226	A	0.0289
rs206503	A	-0.0212
rs73444389	A	0.0301
rs4584936	G	-0.0263
rs7243434	G	-0.0575
rs75158829	G	0.0759
rs117177201	T	0.0719
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rs11662613	A	0.0883
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rs7244563	T	0.0502
rs2429727	T	0.0269
rs77108552	A	-0.0602
rs59561972	A	-0.0816
rs75612281	G	-0.0812
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rs56052409	T	0.0324
rs4796973	T	-0.0336

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rs140596101	G	0.0695
rs56040248	C	0.1188
rs35720843	T	0.0265
rs6506355	C	0.0483
rs10432217	C	0.0275
rs76962909	G	0.0902
rs76532494	C	-0.0655
rs148766600	G	0.0692
rs62085087	G	-0.1089
rs12963861	T	0.0317
rs470508	G	-0.0214
rs117206078	T	-0.1035
rs9951005	G	-0.0767
rs1941584	C	-0.038
rs34763266	T	-0.148
rs78809598	T	0.0791
rs12150841	T	0.0457
rs16978452	A	0.025
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rs8091414	A	0.0939
rs12970496	G	-0.0303
rs73455278	C	0.1369
rs11662355	C	0.026
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rs72974529	A	0.0449
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rs76759521	T	0.1069
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rs77280338	G	0.0471
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rs7229175	T	-0.0343
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rs2096817	A	0.0188
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rs73423853	T	-0.0748
rs8090411	T	0.1338
rs147901508	T	0.0874
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rs62092666	T	-0.1047
rs72972089	T	-0.0305
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rs78107752	C	-0.0866
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rs76139300	G	-0.081
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rs8085069	T	0.0376
rs8094575	T	-0.0292
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rs11872685	T	0.0211
rs1077388	T	-0.0222
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rs17518135	C	0.0724
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rs930698	C	-0.0184
rs72916849	A	0.0595
rs9966271	A	-0.036
rs12953740	T	0.0201

rs12958815	T	-0.1454
rs79603180	A	-0.0895
rs74857495	G	-0.0679
rs656585	G	0.0408
rs17707032	A	-0.0308
rs79799750	C	0.0992
rs1031555	G	-0.0274
rs74899732	G	0.1556
rs72973643	C	0.0366
rs10163938	C	-0.0856
rs1371279	A	-0.0197
rs78576745	T	-0.0895
rs62093381	T	-0.0575
rs76701583	A	-0.0923
rs72957415	G	0.0596
rs3897588	C	0.0217
rs1662925	A	0.0224
rs12455054	T	0.0191
rs75250406	T	-0.0687
rs34039285	C	0.0252
rs4563117	T	0.0191
rs4940377	T	-0.0234
rs77721849	G	-0.0751
rs10871526	A	0.0296
rs117555415	G	-0.1005
rs111840334	T	-0.0269
rs78303824	A	-0.0986
rs1869734	A	-0.0365
rs34878160	A	0.0443
rs17799852	C	-0.0226
rs141552018	T	0.0973
rs16943425	C	-0.0336
rs113662640	T	0.0258
rs35622459	A	0.0295
rs17561091	A	-0.0796
rs72915931	G	-0.0227
rs9319956	C	-0.018
rs116517425	C	0.108
rs4890926	T	0.0252
rs607660	C	0.0205
rs1539825	A	0.067
rs7239579	G	-0.0189
rs17497272	C	0.0282
rs146112622	A	0.0607
rs138429301	A	0.1253
rs8096381	A	0.0189
rs77882664	C	-0.0929

rs74582077	C	0.0513
rs117913952	A	-0.0971
rs4586542	T	0.0243
rs118079439	T	0.1135
rs321664	T	-0.0205
rs693927	A	0.0518
rs754825	G	0.0245
rs9947160	T	0.1051
rs67666665	T	-0.0727
rs1942816	T	-0.0659
rs1430542	T	-0.0212
rs76650737	T	0.0596
rs4892113	T	0.0192
rs115841049	G	0.1208
rs144558202	T	0.0556
rs17785065	G	0.0966
rs8095716	C	-0.0251
rs139675555	G	0.1044
rs12967120	G	-0.0204
rs28609012	A	0.1065
rs12965995	C	0.0361
rs11661907	G	-0.029
rs59850616	G	0.0243
rs949023	A	-0.0194
rs4797943	G	0.0187
rs10513906	A	0.0215
rs116919627	A	-0.0677
rs67999204	G	0.035
rs2644197	A	0.0199
rs28485249	C	0.0917
rs1595356	G	-0.0192
rs59587703	A	0.0284
rs118006598	A	0.037
rs768214	G	0.0237
rs55979576	C	0.0883
rs148143469	T	0.0722
rs2347273	A	-0.0228
rs1982152	G	-0.0794
rs2040202	G	-0.0264
rs141238812	A	-0.1158
rs149954881	A	0.1256
rs118009741	C	0.076
rs76176864	G	0.0335
rs1943799	C	-0.0381
rs689896	C	0.0223
rs16947808	T	0.0351
rs7241927	T	0.0279

rs112952141	T	0.1555
rs8095876	A	-0.0847
rs242720	G	0.02
rs4987852	C	0.0397
rs3745051	T	-0.0369
rs75445982	A	0.0855
rs11661364	T	0.1169
rs671764	T	0.0353
rs77825808	G	0.1351
rs72920058	A	-0.0322
rs2518060	A	-0.0473
rs7239922	A	0.0508
rs4239336	A	-0.0219
rs17187695	T	-0.0298
rs2851760	T	-0.0803
rs141046380	A	-0.1041
rs11564288	T	0.0817
rs150606919	C	0.1627
rs148673797	A	-0.1043
rs9676158	T	0.0414
rs12456024	T	-0.0321
rs1506413	C	-0.0775
rs34430354	C	-0.0261
rs12455254	C	-0.0653
rs75937431	G	0.0393
rs12970631	C	-0.0268
rs79242778	G	-0.0925
rs118138038	C	-0.1202
rs113712251	A	0.123
rs948292	G	-0.0192
rs630525	A	0.0212
rs75832112	T	-0.0934
rs141686682	T	0.0741
rs75589202	T	0.072
rs4796873	G	-0.0335
rs8095436	A	-0.0351
rs12103991	C	-0.0429
rs59299361	A	0.1312
rs74713163	G	-0.022
rs12604684	G	-0.0285
rs1943214	A	0.0275
rs11663219	G	0.0214
rs149230714	T	-0.0538
rs11873200	C	0.0762
rs1149882	A	0.0379
rs12604795	G	0.0404
rs80134597	G	-0.1218

rs4798247	T	0.0254
rs8084789	A	-0.0318
rs36046989	A	-0.0664
rs8090960	G	-0.0229
rs79222067	T	-0.0752
rs957818	G	-0.0634
rs5009392	C	-0.1021
rs115068610	T	-0.1153
rs1893755	C	-0.024
rs7233030	A	0.0268
rs150695305	T	0.0694
rs62094778	A	-0.0882
rs2028523	C	0.0197
rs4801078	T	-0.0196
rs77948526	A	0.0751
rs2155543	A	-0.0413
rs117770206	A	-0.1254
rs73971351	T	-0.0618
rs35528848	C	0.0927
rs12966432	G	0.0934
rs140157429	T	0.0946
rs75369730	T	-0.0425
rs74473069	A	-0.0797
rs10502723	C	0.0399
rs116997450	C	-0.1241
rs1443328	G	0.1015
rs76952457	A	0.0441
rs117798509	T	0.0932
rs17725762	T	-0.1412
rs56266791	T	0.033
rs17811077	G	-0.0252
rs72856972	A	0.0332
rs1667914	G	-0.0242
rs80253522	T	0.1065
rs117099074	T	0.0931
rs9958028	G	0.0195
rs72871805	C	-0.0257
rs72921201	A	-0.0944
rs61351059	T	0.0616
rs62100268	T	-0.0196
rs72955219	G	-0.1211
rs111956882	T	-0.0789
rs9962486	A	0.0358
rs61455548	C	0.1236
rs3875035	T	0.0275
rs138732709	A	0.1231
rs150781920	A	-0.1111

rs34457987	C	0.0446
rs10513912	C	0.0727
rs11661634	A	0.0214
rs12454944	G	0.0953
rs80284527	T	-0.0724
rs10513966	T	-0.0267
rs16949968	C	-0.0494
rs3914793	T	-0.0459
rs72960765	A	-0.0325
rs12457055	C	0.1113
rs12964767	A	0.0572
rs1823592	T	0.0189
rs78739907	C	-0.0668
rs17204255	T	0.0215
rs16958610	C	-0.092
rs2931051	G	0.025
rs594334	C	-0.0293
rs145423343	T	-0.1323
rs71362726	C	-0.0448
rs12150810	C	0.0515
rs34323541	A	-0.0834
rs7239838	G	0.0789
rs114198955	A	0.137
rs7359820	T	0.0369
rs141416997	T	0.0795
rs12605192	A	0.0418
rs1789497	G	-0.0502
rs9963146	T	-0.0222
rs56384833	T	-0.0368
rs13353238	C	-0.0639
rs4940716	T	0.0183
rs17089246	C	0.0583
rs17088278	T	-0.0516
rs117642458	T	0.0748
rs1667944	G	-0.0252
rs113343536	G	-0.0258
rs6506007	G	-0.0309
rs59747816	G	-0.1319
rs9944823	A	0.04
rs17058944	C	-0.0389
rs3786284	A	-0.0256
rs9953730	G	0.0184
rs148170907	G	0.0511
rs28660339	C	0.1013
rs11661003	A	-0.1499
rs72868678	G	-0.0591
rs115528039	C	-0.0731

rs9947527	G	-0.025
rs62103445	A	0.0202
rs2163385	G	-0.0403
rs2602152	A	0.0361
rs62103349	C	-0.0266
rs60729765	A	-0.019
rs150315156	A	-0.0609
rs73406595	C	-0.1077
rs1791239	C	-0.018
rs116954276	C	-0.1547
rs12970870	T	0.0272
rs117597000	A	-0.0842
rs62080078	T	-0.1148
rs9967018	G	0.0488
rs73402834	A	0.0365
rs12456811	G	-0.0341
rs11151576	G	0.039
rs72889365	T	0.0533
rs2342195	T	-0.0227
rs71362067	C	-0.0696
rs17080662	A	-0.0361
rs34149182	A	0.0208
rs75650744	A	-0.1268
rs2575178	G	0.0254
rs7229727	G	-0.0303
rs60257752	A	0.0525
rs1035000	A	0.0412
rs77400956	T	0.0934
rs147825084	G	0.08
rs35630063	C	0.0894
rs71355327	G	0.0189
rs16960216	A	0.0836
rs882964	G	0.0598
rs7241207	C	-0.0918
rs139183776	C	0.0436
rs28624785	C	0.0184
rs62098867	A	0.086
rs143388054	G	0.1424
rs79972732	T	-0.0306
rs55683681	C	0.0585
rs28605755	T	0.0486
rs8091460	A	-0.0256
rs116914360	T	-0.1184
rs79878952	A	-0.0913
rs17726268	A	-0.0793
rs150972382	A	0.123
rs9957203	T	0.0658

rs1122762	T	0.0236
rs116875040	A	-0.0711
rs148649415	G	-0.0976
rs72893228	T	0.147
rs76940017	G	0.0541
rs17824054	G	-0.0563
rs17719020	G	-0.0756
rs117177064	T	-0.1853
rs490854	T	-0.0184
rs8098594	G	-0.0256
rs140168649	A	0.0589
rs12458547	C	-0.018
rs7235429	C	0.0488
rs76097212	C	0.0962
rs1320665	A	-0.0205
rs4798560	T	0.0335
rs78431144	A	0.0887
rs9949592	A	0.024
rs1463389	A	0.0291
rs11659420	G	-0.0205
rs144154718	C	-0.0628
rs12150813	G	-0.0195
rs7244238	G	0.0203
rs4892181	T	-0.0297
rs117211209	T	0.1041
rs117530970	A	0.0994
rs4798825	T	0.0676
rs78342406	C	0.0483
rs117490070	C	0.0825
rs76019603	T	0.072
rs12456207	T	-0.0402
rs17801555	A	-0.0394
rs77906266	T	-0.0952
rs7239303	G	0.0235
rs79377341	C	-0.0405
rs72993721	A	-0.0651
rs117111446	G	-0.0546
rs35698243	T	-0.0481
rs77977779	G	0.0321
rs118118674	T	0.1207
rs117289482	C	-0.0387
rs4797118	A	-0.0407
rs7239646	A	-0.0257
rs75713301	T	0.0349
rs140372248	T	-0.0917
rs149766446	C	-0.0386
rs972697	G	-0.0215

rs116914137	A	0.057
rs118118363	G	0.1021
rs77736876	A	0.0996
rs1298240	A	-0.0282
rs141273302	T	0.1351
rs118026992	A	-0.1545
rs75890206	A	0.0559
rs6506939	T	0.0226
rs34704156	A	0.0314
rs72919389	T	-0.0716
rs7232372	C	0.037
rs7234733	G	-0.0412
rs17195541	G	-0.0497
rs6566989	G	-0.0211
rs11151169	T	-0.035
rs143058505	A	-0.1613
rs117918069	C	0.1359
rs60547948	A	0.031
rs144471047	T	-0.1267
rs7243873	T	0.0337
rs3133206	C	-0.0181
rs77065473	T	0.0997
rs117701324	G	-0.0521
rs45451293	A	-0.0988
rs1657406	C	0.0757
rs74546409	G	-0.0844
rs77705894	G	0.0756
rs112738046	G	-0.0526
rs72911553	G	-0.0298
rs1942162	T	-0.0634
rs12960619	T	-0.097
rs118166532	A	0.1509
rs17763644	A	0.0368
rs7231415	A	-0.0283
rs11874612	T	-0.0199
rs4891993	G	0.0295
rs142624306	T	-0.1018
rs116884723	T	-0.0834
rs9956444	A	0.0697
rs906516	G	-0.0181
rs55928096	A	-0.0774
rs62086982	A	-0.0262
rs75666527	T	0.0894
rs17083217	A	0.0305
rs1261094	G	0.0384
rs138499801	G	-0.0614
rs10460009	T	-0.0288

rs79328727	G	0.1229
rs7236648	G	-0.0585
rs2197531	A	-0.0236
rs1492811	C	0.0322
rs7235188	T	0.0682
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rs77109245	T	0.0492
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rs62078641	G	-0.0682
rs79647888	C	0.1285
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rs4414560	A	-0.1002
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rs17754585	A	-0.0788
rs4798127	G	0.0211
rs12968085	A	-0.0357
rs117254920	A	0.0609
rs238113	C	0.0256
rs117887778	A	0.0931
rs146610815	G	0.1376
rs117446586	C	-0.1666
rs28502575	T	-0.036
rs17188877	C	-0.0653
rs2612384	A	-0.0209
rs74429350	A	-0.1465
rs72937606	G	0.0724
rs79534517	C	0.0986
rs73944550	A	-0.0271
rs35541683	G	0.0383
rs80060413	G	-0.0496
rs12967949	T	-0.0274
rs9945345	G	-0.044
rs2446502	C	0.0194
rs117665781	A	0.0483
rs112203374	T	-0.0397
rs151472	T	0.0234
rs114960451	A	-0.1099
rs56677594	C	0.0261
rs12959354	C	0.0349
rs139162018	T	-0.0649
rs12968662	T	-0.0883
rs78542360	A	0.083
rs726688	T	0.0208

rs17229961	A	0.0638
rs9961123	C	0.1077
rs76134551	C	-0.0724
rs34367921	A	0.077
rs117150675	C	0.1542
rs142925441	C	0.1316
rs76732221	A	-0.0382
rs71352702	T	0.0339
rs11661007	A	0.0612
rs2000847	A	-0.0185
rs75408759	T	-0.0778
rs142787273	A	-0.0735
rs66469107	A	0.0577
rs80111940	T	0.0476
rs114617469	A	-0.0659
rs72991860	A	0.1063
rs1546368	C	-0.0268
rs62087105	G	0.0514
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rs79469230	C	0.121
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rs9962181	G	0.0309
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rs4077090	C	0.0201
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rs77443187	T	0.0677
rs9675924	A	0.0203
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rs72901957	G	-0.1014
rs1539912	C	-0.0246
rs9965242	G	-0.0493
rs882965	A	-0.0206
rs77042374	T	-0.0883
rs498285	C	-0.0192
rs12386070	G	0.0405
rs9967409	C	0.0189
rs8086298	A	0.0905
rs75619274	G	-0.0331

rs1085977	C	-0.0275
rs12969516	C	-0.0173
rs62082174	C	-0.0519
rs72939535	T	-0.055
rs79206023	A	-0.0987
rs56390414	A	0.0181
rs79744324	A	0.0447
rs6507602	A	0.0179
rs142083770	G	-0.0631
rs7245104	T	0.0172
rs2430853	G	-0.0222
rs658504	A	-0.0423
rs2277729	C	-0.0231
rs78649920	A	0.1018
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rs9948558	T	-0.032
rs11081279	G	-0.0373
rs149448194	A	0.055
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rs28370576	G	-0.0274
rs74388646	C	-0.1213
rs8093915	C	0.0204
rs72979142	A	-0.1254
rs112831465	A	0.0732
rs732780	T	0.0974
rs77343156	G	-0.0659
rs8088065	T	0.024
rs62098951	T	-0.0192
rs489104	C	0.0264
rs7232514	A	0.0184
rs117322463	A	0.0445
rs73959053	A	0.1094
rs11659643	C	0.0615
rs34724061	T	-0.086
rs12454372	G	0.0551
rs1717548	A	-0.0225
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rs1196589	T	-0.0182
rs62093974	T	0.0356
rs12960989	C	0.0254
rs11660770	T	-0.0429
rs11664248	G	0.0383
rs17807127	C	-0.0445
rs11664090	G	0.0382
rs58809616	A	-0.027
rs113710329	A	-0.0915

rs150089724	T	-0.052
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rs12607954	G	-0.0572
rs8095203	A	-0.0254
rs1942314	C	-0.0224
rs1876486	A	-0.0342
rs13381678	T	0.0312
rs80169936	C	-0.0703
rs12966158	A	-0.0209
rs9636087	C	0.1021
rs1630958	C	0.0183
rs12969166	C	-0.0174
rs147963773	G	-0.1156
rs74812449	C	0.0435
rs749787	G	-0.0343
rs75028042	A	-0.0306
rs6506839	C	0.0341
rs681202	A	0.019
rs41537545	A	-0.0354
rs17386475	C	-0.0337
rs1940675	C	0.025
rs34094237	G	0.024
rs12954672	C	0.03
rs72941321	G	0.0295
rs55811982	T	-0.0423
rs1943677	T	-0.0242
rs523927	T	0.0407
rs59223542	A	0.0235
rs55991326	G	0.0742
rs113172068	A	-0.1371
rs684964	C	0.0177
rs143374422	A	-0.1054
rs78928912	T	0.0585
rs117298032	T	-0.0758
rs28548882	A	-0.0658
rs55879017	G	0.0727
rs74966994	A	-0.0499
rs7238197	T	0.0258
rs17071470	T	0.023
rs8092501	A	0.0203
rs76282601	T	0.0258
rs17743658	A	-0.0196
rs62087985	T	0.0302
rs75603094	G	0.0372
rs111368883	T	-0.0517

rs1519135	T	0.0206
rs610573	A	-0.0171
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rs146018080	G	-0.0708
rs17585022	A	0.0285
rs12456063	T	0.0939
rs62102353	T	0.0473
rs143698793	A	-0.1256
rs12962427	T	0.0209
rs116905222	G	0.057
rs12958813	G	0.0187
rs111425157	G	0.0717
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rs113844872	T	0.0672
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rs148079494	C	0.0827
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rs7233289	C	0.0512
rs118132944	G	-0.0291
rs117079986	T	-0.079
rs117636570	T	-0.0735
rs60635153	T	-0.0807
rs75522004	C	0.0574
rs7237834	T	0.0189
rs12606154	A	0.0739
rs79941936	T	0.0994
rs28715557	T	-0.0268
rs17070818	G	0.1021
rs203192	T	0.1005
rs118052451	G	0.0889
rs896651	T	0.0199
rs113180034	C	0.0364
rs8087858	G	0.0188
rs77100388	A	0.0494
rs117021102	T	-0.066
rs79395910	A	-0.0821
rs79625557	A	-0.0401
rs79608331	A	0.0973
rs1982673	C	-0.0237
rs57533619	T	-0.0196
rs9959934	G	-0.0255
rs55820593	T	-0.0358
rs57972550	G	-0.069
rs12956449	C	-0.0198
rs75822045	C	0.0562
rs80179522	A	-0.113

rs660914	T	0.1473
rs9966537	G	0.0173
rs72858057	T	-0.0621
rs4800361	A	-0.0383
rs12958565	T	-0.0421
rs9959895	A	0.0468
rs118154569	A	-0.0577
rs166658	T	-0.0809
rs34429051	G	-0.0333
rs34743250	A	-0.0278
rs2083451	A	0.0195
rs35436395	A	0.0527
rs142723205	A	0.0975
rs2051423	T	-0.0175
rs1155993	T	-0.0183
rs62094475	A	0.0481
rs117416190	G	0.0951
rs67261204	C	0.0202
rs17383710	T	-0.0505
rs113239544	A	-0.0952
rs80177516	A	0.1272
rs71357694	T	0.0566
rs463209	C	-0.0355
rs141200952	T	-0.095
rs7231283	T	0.0444
rs9951897	C	-0.0211
rs77917204	T	0.0938
rs117027052	A	0.1117
rs28591677	T	0.0191
rs74993976	T	-0.0612
rs145246727	G	0.0433
rs4243278	G	0.0255
rs117900298	T	0.057
rs75396572	C	-0.0922
rs11151109	A	0.0192
rs62100465	T	0.0213
rs11151742	T	0.0302
rs3894048	G	-0.0375
rs12966917	C	0.0207
rs2850528	C	-0.0267
rs76734406	A	-0.0704
rs144638881	G	-0.1057
rs8087736	A	0.0198
rs2848604	G	0.02
rs7243724	A	0.0189
rs79430775	A	0.1064
rs12607063	T	0.0288

rs111956375	A	0.0683
rs17238585	G	0.0283
rs559687	A	0.025
rs1237177	A	-0.0899
rs28609320	T	0.0729
rs62095781	C	-0.0955
rs12457636	C	0.0762
rs62078231	T	0.0757
rs118025605	A	0.1274
rs1431385	G	0.0198
rs7241310	T	-0.0444
rs9945690	T	-0.0442
rs118188438	C	-0.1286
rs59864262	T	-0.0361
rs644082	C	-0.0169
rs9951331	A	-0.0192
rs144214719	G	-0.1129
rs62102309	T	-0.0316
rs1667905	A	0.0236
rs56385957	A	-0.0259
rs1599911	G	0.0188
rs7506608	C	0.0317
rs12326678	T	0.0346
rs72889875	A	0.0426
rs144076848	T	0.0447
rs75816914	G	0.0269
rs3744825	A	-0.0243
rs4606830	C	0.0249
rs62105164	T	0.0218
rs142890493	G	0.0567
rs1791230	T	-0.018
rs7226973	C	-0.0175
rs118039281	G	0.1417
rs72938810	C	0.0606
rs118116156	A	0.1583
rs17066842	A	0.0484
rs12964919	T	-0.0169
rs11660773	T	-0.0223
rs11665592	A	0.074
rs111918203	A	-0.0631
rs12962020	T	0.0294
rs41274312	A	0.0835
rs78060680	G	0.0979
rs2212684	G	-0.0178
rs71356502	A	0.052
rs72874109	C	0.05
rs112510988	T	-0.1493

rs17782556	G	0.022
rs72958562	C	-0.0391
rs678570	A	0.0217
rs74916996	G	0.0545
rs76376918	G	0.0654
rs72943696	T	-0.0245
rs12458750	T	-0.0189
rs35205459	A	0.034
rs55942843	G	-0.0559
rs79584450	A	0.0447
rs11875404	A	0.048
rs4799769	G	-0.0361
rs78090727	A	0.0533
rs17586712	T	-0.0237
rs150678726	A	-0.0476
rs1692507	G	-0.0182
rs78646007	T	0.0472
rs140141183	C	0.0639
rs34802661	A	-0.0316
rs1791379	A	-0.0219
rs7233475	A	-0.0273
rs62079455	C	0.029
rs10513876	C	0.0279
rs7236090	T	-0.0183
rs76764576	G	-0.0233
rs147462679	A	0.0763
rs12965919	C	0.024
rs10460073	T	0.0198
rs509497	C	0.0182
rs7236592	A	0.0168
rs117682421	G	-0.0621
rs142656042	A	0.0918
rs76806659	A	0.0601
rs148570609	G	-0.0952
rs144762714	T	0.082
rs62092636	T	-0.0934
rs1977942	T	0.0173
rs113654806	A	0.0296
rs117333449	C	-0.0447
rs62095778	C	0.0204
rs62093048	A	-0.0283
rs62093445	A	0.0778
rs75883954	G	0.043
rs17662563	C	-0.0389
rs9950057	T	-0.0172
rs7504906	T	-0.0903
rs116847653	A	0.0753

rs78982693	T	-0.0611
rs4940807	C	-0.0206
rs9964965	G	0.0412
rs117334682	C	-0.0882
rs16954792	C	0.0236
rs79914669	T	-0.0869
rs12458281	A	0.0442
rs74694561	T	0.0202
rs73945997	A	-0.0622
rs917932	C	0.0184
rs111504222	C	0.082
rs117499442	C	-0.1119
rs138340381	T	-0.0921
rs11661656	C	0.0213
rs2000749	G	0.0371
rs12970800	G	0.0261
rs17725345	C	-0.0606
rs62099508	A	0.0793
rs72979983	C	-0.019
rs80058573	G	0.0554
rs34491046	A	0.0234
rs17175006	C	0.0334
rs1221866	G	0.0302
rs141985305	T	-0.0648
rs4291999	T	-0.0174
rs146019272	G	0.076
rs77018914	T	-0.0696
rs117384724	T	-0.1235
rs117785103	G	-0.0885
rs2448714	G	0.0203
rs1426343	C	0.0178
rs117253950	T	-0.0644
rs12964135	A	0.0335
rs57855289	G	0.0201
rs76212511	G	0.0434
rs117599304	G	0.1454
rs80309522	A	0.0452
rs74773070	A	-0.0511
rs35051233	G	-0.1632
rs80007932	T	-0.1447
rs9963476	C	-0.0203
rs74556324	C	0.0331
rs3879738	T	-0.0302
rs75855784	T	0.0472
rs76063130	C	0.0798
rs145522416	C	-0.0943
rs142327569	G	-0.0678

rs11663127	A	-0.0931
rs7407614	C	0.0268
rs2217070	C	0.0293
rs17748357	A	0.0172
rs9646579	A	0.0231
rs4801016	T	-0.0404
rs138122013	A	-0.0816
rs147632870	A	-0.0548
rs79209887	T	-0.0343
rs12960081	G	0.017
rs77137848	G	-0.076
rs116999727	A	0.0717
rs78055265	A	0.0659
rs1841793	T	-0.0206
rs112003862	A	0.0555
rs72977800	G	0.0378
rs72890609	T	0.0388
rs151313213	C	0.1367
rs75983315	G	-0.1344
rs7238255	G	0.0428
rs11662439	A	-0.1036
rs11872303	G	0.1004
rs139286228	A	-0.128
rs12456881	T	-0.0185
rs34931259	A	-0.0946
rs17082725	T	0.0383
rs1630956	G	-0.0164
rs9676191	C	-0.0592
rs2586772	T	0.0219
rs12961831	A	-0.1085
rs2848917	C	0.0401
rs60727559	C	0.0747
rs62097177	T	-0.095
rs11151721	A	-0.0168
rs62081489	A	-0.0761
rs35409822	A	-0.017
rs12959473	A	-0.0469
rs1350552	T	0.0268
rs111948683	T	-0.0369
rs76980757	A	-0.0647
rs75735594	T	0.0841
rs11877075	G	0.0787
rs4494649	A	0.0177
rs75959999	T	-0.0599
rs3105602	T	-0.0171
rs2644265	A	-0.0212
rs78473669	A	0.0669

rs1037905	G	0.0215
rs141271845	C	0.093
rs1356648	A	0.1062
rs112039615	T	0.0837
rs9964732	T	0.0271
rs8094785	G	-0.0171
rs59218798	T	0.019
rs77920955	A	-0.0777
rs10164203	G	-0.0249
rs117297539	C	-0.0687
rs62101975	C	0.0531
rs12959987	C	-0.0989
rs2848782	A	-0.0172
rs117510506	G	0.0552
rs112485150	T	-0.0434
rs1510057	C	0.0271
rs11152195	C	-0.0217
rs12185423	T	0.0508
rs7244642	T	0.017
rs62075777	A	0.0491
rs74876717	G	0.0741
rs139381997	G	-0.1116
rs12960341	G	-0.0438
rs9948583	T	0.018
rs73381996	G	0.0274
rs7239591	T	-0.0434
rs140546434	A	0.0661
rs112393618	T	-0.0745
rs72962964	G	-0.0276
rs4799823	C	0.0308
rs10153390	T	0.0167
rs12961459	G	-0.0191
rs789024	A	-0.0184
rs74634754	C	-0.0687
rs80070527	T	-0.0493
rs78598167	T	-0.1077
rs146968466	G	0.1098
rs4797245	C	-0.0223
rs112193831	A	-0.1071
rs116952221	C	-0.1286
rs117693596	A	-0.1144
rs116929166	G	-0.0985
rs77771902	T	-0.1193
rs72880641	C	-0.0253
rs118162903	A	0.0622
rs138302856	G	0.0851
rs118155945	C	-0.0727

rs78895434	C	-0.0475
rs10469232	T	0.1179
rs28863503	T	-0.0259
rs77860579	C	-0.1358
rs34871097	G	0.0635
rs11874694	C	0.0171
rs12327332	T	-0.0198
rs11663523	T	0.0168
rs117151040	T	-0.104
rs9955283	C	-0.0332
rs11660742	A	0.0217
rs1785390	G	0.0242
rs76450929	A	0.0931
rs17740157	T	0.0303
rs117728775	A	0.0695
rs2676672	T	0.0396
rs17088439	G	0.0414
rs73439847	T	-0.0891
rs1979473	A	-0.0285
rs75905506	T	-0.048
rs117342554	T	-0.1182
rs4890332	A	0.0192
rs1815847	T	0.0215
rs10853217	T	0.0174
rs17188242	T	0.0566
rs117965398	G	0.1003
rs117343814	T	0.0835
rs78396863	C	-0.0695
rs566821	G	0.0202
rs62087381	G	0.0201
rs7240170	A	-0.0163
rs78871555	C	0.0655
rs78851964	T	0.0841
rs75530005	A	-0.0811
rs60509755	G	0.0208
rs140038306	T	-0.136
rs1453038	G	-0.0284
rs72881360	A	-0.0719
rs116895832	T	0.0772
rs62100014	G	0.101
rs72987367	G	0.0264
rs12458581	A	-0.03
rs2033076	T	-0.0472
rs117240912	G	-0.1134
rs144302777	G	-0.0854
rs117890246	T	-0.1081
rs56126732	T	0.0272

rs9966647	G	0.0327
rs6507957	C	0.0185
rs9964442	A	0.0429
rs2298574	G	0.0289
rs4799803	A	0.0273
rs79616829	C	0.0617
rs12606334	G	0.0293
rs648161	G	0.0169
rs117100902	A	0.0623
rs7240539	T	-0.0177
rs79891419	T	0.1179
rs9954563	C	-0.0168
rs146284392	G	-0.0794
rs141158316	C	0.0563
rs118123748	G	-0.0623
rs17088346	T	-0.0213
rs11664541	C	0.0379
rs151053790	A	-0.1063
rs3764459	T	-0.0319
rs78401912	C	-0.1104
rs35600054	A	0.135
rs1552090	G	-0.0407
rs907278	C	0.0189
rs75334728	C	0.1326
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rs72957178	C	-0.0595
rs11659791	C	-0.0216
rs11082000	A	-0.0195
rs6507668	G	0.0194
rs10871668	C	0.0187
rs35460851	C	-0.0206
rs12961025	C	-0.0276
rs7236708	A	0.0176
rs79583975	C	0.1041
rs9951047	C	-0.0403
rs11660748	G	0.0281
rs73468914	T	-0.0488
rs72900353	G	-0.0435
rs635342	A	-0.0256
rs2850244	G	-0.0181
rs306212	T	-0.0165
rs9953840	G	0.0819
rs7226381	A	-0.0205
rs143827205	A	0.0897
rs117586293	C	0.0743
rs113817061	T	0.0901
rs583991	T	-0.0314

rs80051604	T	0.0492
rs139765005	A	0.0966
rs72949710	A	0.0448
rs143565070	C	0.124
rs75362371	C	0.1031
rs80224515	G	0.1244
rs78737180	G	0.1141
rs264160	C	0.016
rs117923242	C	0.0862
rs9944761	T	0.0384
rs12958390	G	0.0195
rs55956201	C	-0.045
rs637451	T	0.0182
rs73444940	G	-0.0934
rs75830879	T	0.0521
rs56224236	T	0.0432
rs206513	T	0.0169
rs116213494	T	0.0857
rs640279	A	0.0391
rs56166463	T	-0.0341
rs2551436	A	-0.0461
rs72956218	T	0.0602
rs117395525	G	0.1478
rs9646590	A	-0.0222
rs117371013	G	-0.0487
rs582149	A	-0.0167
rs76575953	A	-0.0707
rs12968969	T	0.0446
rs149784750	T	0.066
rs672217	G	-0.024
rs1037419	C	0.0165
rs58261051	A	-0.0478
rs117694473	G	0.0739
rs17069981	A	-0.0629
rs4390695	T	-0.1108
rs72957059	A	-0.0492
rs62102403	A	0.0329
rs16947191	G	0.0357
rs55775858	C	-0.0363
rs3859365	A	0.0183
rs112324116	T	-0.1175
rs80214540	A	-0.0464
rs11664121	T	0.04
rs117110087	T	0.0728
rs751355	C	-0.0163
rs9957441	C	0.0192
rs1790683	T	-0.018

rs11660808	G	-0.0353
rs11659939	A	-0.0287
rs111315269	A	0.0963
rs146401520	C	-0.1285
rs72948962	A	0.0265
rs4939999	T	0.0188
rs77087714	A	-0.0268
rs139623879	A	-0.0971
rs1313577	G	0.0178
rs144687846	A	-0.1027
rs117215929	C	-0.0882
rs146156310	A	-0.0629
rs12327352	A	0.1485
rs73004415	A	-0.0494
rs333084	T	-0.0218
rs661059	G	0.0191
rs146762099	T	0.0418
rs75214456	A	0.1052
rs145468198	A	0.0841
rs1786205	T	-0.0174
rs113658462	G	0.0376
rs28666936	T	-0.0918
rs117865288	C	0.0842
rs139238687	G	-0.0829
rs9960109	T	0.0173
rs56190504	T	0.0663
rs117295589	A	0.1187
rs4799153	C	-0.0185
rs1377813	A	-0.0565
rs115968669	C	-0.0245
rs9951777	C	-0.0353
rs117504131	G	0.112
rs75584356	C	-0.055
rs4890770	G	-0.022
rs148406653	A	0.0713
rs1025442	T	0.0393
rs144170024	G	-0.0885
rs1893835	G	-0.0158
rs9965277	T	0.0175
rs139015922	T	0.0914
rs9955082	T	-0.0255
rs148062085	T	0.1047
rs62094347	T	-0.0233
rs111443688	G	0.0899
rs151117523	C	0.0807
rs80082651	C	-0.0491
rs9675446	C	0.0223

rs55940331	T	0.0235
rs11663451	T	-0.0217
rs8091526	G	-0.0198
rs28470464	G	-0.0511
rs71365687	T	0.0539
rs138245320	A	-0.0172
rs997890	A	0.0178
rs112502784	T	-0.0396
rs75480308	A	-0.0726
rs1791078	C	-0.023
rs35317256	A	0.0264
rs72972243	C	0.0946
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rs16950878	T	0.0721
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rs3819222	G	0.0253
rs7407217	A	0.0191
rs77779262	A	0.0608
rs77986929	A	-0.0298
rs55636005	A	-0.0204
rs77408027	A	-0.0672
rs292301	T	-0.0234
rs549476	G	-0.0163
rs62099212	T	0.0414
rs79699200	T	0.0704
rs117194068	T	0.0304
rs7238472	A	-0.0231
rs78266255	A	0.0867
rs4798067	G	0.024
rs7238086	A	-0.0956
rs3752088	A	0.0177
rs4798816	C	0.0201
rs117609725	G	0.08
rs17087020	G	0.1084
rs4797775	G	-0.0228
rs283255	G	0.0177
rs117028303	A	0.1459
rs75427330	A	0.1121
rs1470324	G	-0.0164
rs151075308	A	-0.0999
rs9966289	A	-0.0173
rs66467030	T	-0.0164
rs12327356	G	0.0237
rs7227843	G	0.0236
rs1250171	T	-0.0176
rs7226983	A	0.026
rs59068082	G	0.0361

rs1420942	T	-0.0236
rs9948570	A	0.0238
rs478766	C	0.0239
rs9958640	A	-0.0319
rs10153353	C	0.0327
rs4799860	T	0.0563
rs1893948	G	0.0162
rs28516453	C	-0.0621
rs608493	G	-0.0411
rs113035076	A	0.0667
rs17246117	G	-0.1048
rs149800332	T	-0.0294
rs17706951	T	0.084
rs68008340	T	0.0432
rs11659295	G	-0.0164
rs11659443	A	0.0432
rs4799594	G	-0.0316
rs78792591	A	-0.0359
rs17668777	T	-0.0365
rs4127404	C	0.02
rs117728475	T	-0.0887
rs114658020	T	0.0583
rs62090924	T	-0.0501
rs34615483	G	-0.0201
rs112684575	T	0.0896
rs4503902	C	0.019
rs111740004	C	-0.1234
rs79863383	A	-0.0523
rs9957063	G	-0.0194
rs76254077	G	-0.058
rs12604583	G	-0.0582
rs117167447	C	-0.1272
rs17738361	T	-0.0257
rs12967971	G	-0.0271
rs1421193	T	0.0345
rs140177012	A	0.0707
rs9961232	G	0.0382
rs76980944	C	-0.0421
rs7243373	T	0.0545
rs2852958	T	-0.0205
rs73969356	T	0.1067
rs4797414	G	-0.0163
rs9956067	T	-0.016
rs17081507	T	0.0788
rs117527089	C	0.0818
rs112044250	T	-0.0495
rs2717110	A	-0.0385

rs62083541	T	0.1084
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rs56898955	G	-0.0181
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rs79419282	A	-0.0499
rs111580523	C	0.0867
rs7228002	A	0.0324
rs71355056	A	0.0671
rs9957844	G	-0.0158
rs62079918	T	0.0368
rs11081470	C	0.1185
rs12326464	A	-0.1075
rs79976373	T	0.1185
rs683351	C	0.085
rs78258173	G	-0.085
rs12455520	T	0.0437
rs9789175	C	-0.0272
rs138424361	A	-0.1044
rs8087114	C	0.0427
rs607411	C	-0.0262
rs112495352	C	0.0413
rs1791204	C	0.0305
rs12957448	C	0.0289
rs4248	T	0.0176
rs2187379	A	0.0219
rs12103972	T	-0.023
rs1792743	T	-0.0628
rs306219	C	-0.0194
rs72978154	T	-0.0191
rs79458929	C	0.0339
rs11872939	A	-0.0271
rs77461124	A	-0.087
rs17089188	G	0.0169
rs7238117	A	-0.0186
rs2116282	A	-0.0174
rs7238997	C	-0.0165
rs80066120	C	0.0628
rs34615781	C	-0.0551
rs147750308	A	0.1182
rs12457758	T	-0.0225
rs12965353	C	-0.0238
rs1788932	T	-0.0321
rs76845490	A	0.0617
rs9954058	C	0.0299
rs75958942	A	-0.0621
rs74401788	T	0.073
rs12956534	T	0.0368

rs80249510	T	-0.0582
rs538073	A	0.0274
rs2186887	G	0.0156
rs4798496	A	-0.0226
rs6506895	A	-0.0159
rs117943921	T	0.0721
rs9957318	G	-0.0162
rs149489473	C	-0.0782
rs58949207	G	-0.0778
rs78820067	C	-0.0697
rs9951319	G	-0.0171
rs76367762	T	-0.0754
rs117015489	G	0.0418
rs62087493	A	0.0411
rs11151762	T	-0.0155
rs117659255	T	-0.0511
rs7233464	A	-0.062
rs41416645	T	-0.0697
rs9950686	G	0.0212
rs631506	C	-0.0177
rs76553890	C	0.0619
rs11877111	A	0.0209
rs117009020	A	-0.0925
rs117354041	T	0.078
rs78241594	G	0.0324
rs7243793	G	0.0214
rs141512993	A	-0.1087
rs7238082	T	0.0283
rs138836564	T	0.0892
rs78654431	C	0.0267
rs12954536	C	-0.0922
rs72970135	G	0.0373
rs7233561	T	-0.0204
rs35922794	C	-0.0332
rs17798754	C	0.0811
rs111530035	G	-0.0613
rs16952379	T	0.0429
rs75199371	T	-0.0617
rs76903175	G	0.0556
rs147869025	G	0.0578
rs2290932	T	0.0223
rs79502301	C	0.0826
rs62094722	T	-0.0874
rs1019435	G	0.0569
rs73961284	A	0.0435
rs72923538	C	-0.032
rs75032823	A	0.0261

rs111840287	T	-0.0522
rs11661981	A	-0.1564
rs4239322	C	0.0189
rs1894002	A	0.0211
rs648907	C	0.0186
rs12953436	C	-0.0184
rs16946816	A	-0.0821
rs8086681	T	-0.0736
rs74444049	A	-0.064
rs35705754	A	0.0981
rs8089812	T	0.0575
rs74968339	G	0.0781
rs9957300	G	-0.0187
rs9960718	A	0.017
rs149412803	A	-0.0664
rs10514144	C	-0.0269
rs9948315	C	-0.0218
rs9960777	T	0.0725
rs117371420	C	-0.0614
rs118022348	T	-0.0803
rs12953968	T	0.0298
rs62085728	T	0.1022
rs72893445	A	-0.0214
rs17667966	C	-0.121
rs2045230	T	0.0291
rs113977167	G	0.0276
rs12969989	G	0.0206
rs12605477	G	0.0205
rs139118481	G	0.0589
rs74546971	C	-0.0687
rs1943875	T	-0.0173
rs304921	C	0.0197
rs4258695	G	0.0456
rs77646603	C	0.0839
rs72634478	C	0.0606
rs62100360	T	-0.0365
rs12606778	A	0.0262
rs4800535	C	-0.0209
rs17437990	C	0.0245
rs12455968	G	-0.0189
rs75026433	C	0.0795
rs9960660	T	-0.019
rs12373190	A	-0.0328
rs9953410	C	-0.0729
rs72870944	T	-0.031
rs9956905	G	0.0896
rs55902031	T	0.0406

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rs149026392	C	-0.0656
rs2186848	A	-0.0222
rs9948897	G	0.0246
rs16971831	T	-0.023
rs111405330	T	0.052
rs1961458	C	0.0236
rs6505660	G	0.0326
rs145927649	G	-0.0806
rs17087812	T	-0.0226
rs28626906	T	-0.027
rs4797529	T	-0.0166
rs1792658	C	0.0193
rs145596898	A	-0.1
rs78404150	T	0.0426
rs7237163	G	0.0161
rs1241986	G	-0.0211
rs12960272	A	-0.0253
rs9955757	C	0.0186
rs12966975	G	-0.0618
rs216549	C	-0.0255
rs74946151	T	-0.0488
rs7237683	G	-0.017
rs78928813	A	-0.0298
rs117627538	T	0.076
rs4414576	C	0.0289
rs71359042	A	-0.0338
rs11659453	A	-0.0182
rs74965372	C	-0.0378
rs1817232	A	0.0174
rs72858712	T	0.0532
rs11665106	A	-0.015
rs112719042	C	-0.0228
rs359745	T	0.0174
rs56385737	C	0.0253
rs111701111	C	0.0608
rs717054	A	-0.0236
rs79219463	G	0.0825
rs66464140	A	0.0441
rs150639956	A	0.0379
rs77094941	T	-0.0425
rs77421205	G	-0.0534
rs2174896	C	-0.0179
rs56036078	G	-0.0262
rs948311	G	-0.017
rs117305550	G	-0.1004
rs79266466	A	0.1002

rs4799559	G	0.0223
rs78732579	A	0.1004
rs79301837	A	0.058
rs62095669	G	-0.0186
rs35969244	C	0.0243
rs11660051	C	-0.0266
rs77375800	G	0.074
rs60350327	G	-0.0758
rs75285445	C	0.0759
rs2156337	C	0.0424
rs56163657	T	-0.0276
rs9945657	T	-0.0167
rs111470430	A	0.0721
rs149314557	C	0.0771
rs603762	T	-0.0231
rs149889558	C	-0.1144
rs5011966	G	-0.089
rs73413521	A	0.0456
rs488190	G	-0.0574
rs74826332	G	0.0805
rs12958985	A	-0.0256
rs1877055	C	-0.0208
rs34550629	A	0.1373
rs17790483	T	0.0373
rs118052669	A	-0.0993
rs12457200	C	-0.0226
rs9958543	A	0.0374
rs76289699	T	0.0934
rs4239364	A	0.0233
rs149950004	C	-0.1098
rs113023921	A	-0.0285
rs1945476	G	0.0331
rs62092240	C	0.0214
rs35915804	C	-0.0413
rs17773507	G	0.0922
rs76136438	T	-0.0341
rs731890	G	-0.0165
rs7243786	A	-0.0198
rs76828150	C	0.0506
rs8087123	A	-0.0174
rs2246646	A	0.0494
rs4940789	T	-0.0262
rs489295	A	0.0222
rs117849219	C	-0.0581
rs4511633	A	0.0653
rs58905260	A	0.0564
rs10514042	C	-0.0244

rs11873750	A	-0.0149
rs6507877	A	0.0154
rs72922517	T	0.0363
rs4426427	T	0.0374
rs151031359	T	-0.0611
rs34405794	C	-0.0157
rs8085092	C	0.1338
rs56850047	A	0.0176
rs7235851	C	-0.023
rs62095209	C	-0.0234
rs7231860	A	-0.033
rs75394272	C	-0.0535
rs1421048	G	0.0529
rs4556859	T	0.0159
rs12953489	T	-0.1266
rs61733889	A	-0.0708
rs111591006	T	-0.0692
rs75784498	A	0.076
rs578667	C	-0.0152
rs1229585	C	-0.0164
rs4302135	C	-0.019
rs4891023	C	0.0171
rs28364842	T	-0.0358
rs78431500	C	-0.1234
rs2581682	C	-0.0293
rs72890877	T	0.0488
rs62093367	A	-0.0294
rs73489464	T	0.1052
rs7407225	G	0.0151
rs144802477	C	-0.0923
rs113851227	T	0.0941
rs73972134	A	0.0687
rs9963206	C	-0.0197
rs1147408	C	0.0168
rs206460	C	0.0151
rs71353272	A	-0.056
rs1787323	T	0.0238
rs11081216	G	0.0218
rs12608027	A	-0.0225
rs8099616	C	0.017
rs77394723	A	-0.0534
rs1903324	A	-0.0501
rs72867541	A	0.0191
rs5025392	A	0.069
rs483775	A	-0.0164
rs2135273	G	-0.0224
rs117970725	T	-0.0681

rs9949977	C	0.0477
rs9952799	A	-0.0228
rs11545506	C	-0.0329
rs7229491	G	-0.0159
rs149985820	G	-0.1155
rs141212282	T	0.0586
rs72860681	T	-0.0556
rs79206616	C	0.0827
rs16950310	A	0.0321
rs9807710	T	-0.0749
rs9783892	G	0.03
rs72946284	G	-0.0192
rs72870489	C	0.0212
rs148508102	T	0.0957
rs17715980	C	0.0225
rs113182847	G	-0.0472
rs118046026	T	-0.0407
rs12608247	A	0.0189
rs1393722	T	-0.0159
rs625990	A	-0.0674
rs4800613	G	0.0159
rs142559284	A	0.0437
rs577183	T	-0.0209
rs41523748	C	-0.0496
rs78183575	C	0.0317
rs582022	T	0.0191
rs9959281	T	-0.0199
rs79369498	A	0.0946
rs1667911	G	0.0717
rs78066963	A	-0.0384
rs7242928	C	0.0234
rs8087500	C	-0.0213
rs117450912	G	0.1709
rs67552652	G	-0.0296
rs9952168	G	-0.0672
rs139869139	G	-0.0411
rs74502394	A	-0.0438
rs77309141	G	-0.0285
rs75217237	T	0.0502
rs4377250	A	0.024
rs1941016	T	0.0157
rs145859381	G	-0.0603
rs79452515	A	-0.0807
rs9963939	A	0.0325
rs72925679	T	0.0646
rs2048352	T	-0.0236
rs12954222	C	-0.016

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rs11082936	C	0.0301
rs111988158	C	-0.0755
rs72884885	G	-0.0503
rs147881617	T	0.0597
rs55922541	T	-0.0648
rs948430	A	-0.0239
rs4486982	T	0.0514
rs7233920	A	0.0172
rs78473511	C	0.0293
rs144119881	C	-0.1062
rs9989587	A	0.0193
rs3786307	C	-0.0254
rs8093684	G	0.0903
rs8098085	C	0.0356
rs17069001	C	0.0266
rs145211315	A	-0.0982
rs9944786	T	-0.0216
rs2195572	C	-0.0145
rs10853559	A	0.0153
rs78547779	T	0.0786
rs513459	C	-0.021
rs79098244	A	0.0657
rs118133802	T	0.0575
rs111448946	G	-0.0603
rs76615485	T	0.0379
rs9961159	C	0.0219
rs118118831	T	-0.1119
rs62094674	A	-0.0329
rs1395953	T	0.0351
rs56207971	A	-0.0218
rs76139623	C	-0.0751
rs72958728	C	-0.0191
rs1397956	T	0.0177
rs77169990	T	-0.0414
rs117168644	A	-0.079
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rs7240490	T	0.0163
rs11081958	G	-0.0201
rs12953877	A	-0.0154
rs1472764	G	-0.0255
rs56146941	T	0.0203
rs17244903	G	0.0389
rs113854727	A	-0.0574
rs149512735	G	0.1247
rs61544204	A	0.0465

rs118149176	A	0.0864
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rs6506569	C	0.0153
rs7238773	A	0.035
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rs76032236	A	0.0283
rs11081068	A	0.0209
rs77591216	T	0.096
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rs17599264	T	0.0847
rs72886639	T	-0.0788
rs28671358	A	0.029
rs116196949	T	-0.0666
rs118127964	G	-0.1051
rs148113042	T	-0.1334
rs7236997	G	0.0186
rs1369365	C	0.0624
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rs74422611	T	0.0832
rs72957226	T	-0.0284
rs7244495	G	-0.0304
rs17616687	T	0.1021
rs117605828	G	-0.0733
rs8088189	T	0.0246
rs117803410	T	-0.0495
rs112795617	A	0.033
rs606196	C	0.1087
rs112891545	C	-0.0244
rs58866709	A	-0.0677
rs17232800	G	-0.0355
rs55707749	G	-0.0228
rs58112781	A	0.023
rs17799838	A	0.0668
rs12458782	C	-0.0146
rs117974621	C	0.1371
rs2365754	C	-0.0193
rs113394883	A	0.0666
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rs11659645	T	0.0271
rs115986749	A	0.0188
rs238114	G	-0.0232
rs1442358	T	0.0159
rs17330231	T	0.0484
rs778777	T	0.0159
rs4798682	A	-0.0173
rs146549373	C	0.1201
rs112097410	G	0.0585

rs12965656	T	-0.0177
rs1395860	G	-0.0206
rs4892218	T	0.0249
rs118191327	A	-0.066
rs341246	C	0.0158
rs77244558	T	0.0395
rs7506556	C	0.03
rs4800476	C	0.0286
rs1261951	C	0.0218
rs76818841	G	-0.037
rs144218506	G	-0.123
rs78980995	C	-0.0756
rs10502652	G	-0.0283
rs12955803	T	0.0648
rs116851133	T	-0.1107
rs6506423	G	-0.0158
rs116901666	T	0.0551
rs1289998	A	0.0278
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rs142362232	C	-0.0774
rs7407598	A	0.0184
rs11152097	C	-0.015
rs3862732	G	0.0169
rs2298530	C	0.0495
rs116907056	C	-0.0862
rs72987269	T	-0.0659
rs112965180	A	-0.086
rs116969097	G	0.111
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rs79537484	A	0.0837
rs117244865	T	-0.0943
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rs78764716	T	0.0833
rs113115105	T	-0.0332
rs17090169	C	0.0336
rs79593392	T	-0.079
rs75242501	T	0.0376
rs17446826	G	0.0562
rs8089976	T	-0.0584
rs79622941	T	-0.1136
rs34416492	C	0.0229
rs62096010	A	0.0825
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rs17564521	G	-0.017
rs16978404	T	0.031

rs28576223	C	-0.023
rs7244467	G	0.0153
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rs72988505	A	0.0704
rs34616439	T	0.0327
rs117826447	G	-0.1243
rs2664174	T	0.0209
rs7230269	G	0.0209
rs144828186	G	-0.0671
rs11080561	C	0.0563
rs17089390	C	-0.0382
rs117268166	A	-0.053
rs7244967	G	-0.041
rs9962999	C	-0.0149
rs2897285	G	-0.0197
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rs141224440	T	0.0462
rs9949743	A	0.0645
rs78285677	A	-0.0546
rs75622670	T	0.1003
rs976090	A	-0.0172
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rs12456213	T	-0.0181
rs72968321	T	0.0179
rs670682	A	-0.0185
rs9989529	C	-0.0213
rs72965384	G	0.0958
rs62095757	T	0.0271
rs9949020	T	0.0144
rs117390344	C	0.0657
rs12965055	C	0.0164
rs66811005	G	0.038
rs73363948	A	-0.0986
rs139646671	T	0.105
rs145239745	C	0.0405
rs2212985	C	-0.0154
rs11872808	T	-0.0273
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rs71367275	T	-0.0208
rs6506414	C	-0.0286
rs75487331	T	-0.0388
rs12454086	T	0.0148
rs118136362	T	0.0685
rs11873916	A	0.0256
rs72904673	G	-0.0457
rs117712097	T	0.037
rs58327735	A	-0.0409

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rs78946823	A	-0.0799
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rs17594610	G	0.0743
rs1788113	T	0.0251
rs8087337	A	-0.0705
rs2187545	T	-0.0199
rs28591408	T	0.0182
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rs77503605	T	-0.0388
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rs145036686	T	0.0615
rs3786441	G	-0.0229
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rs117736720	G	0.0631
rs3848519	A	0.0514
rs116915241	T	0.1145
rs72990064	T	-0.1711
rs17832032	G	0.0557
rs34261279	C	-0.0166
rs16940811	A	-0.0187
rs151337535	G	-0.1303
rs151110305	T	-0.046
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rs148970279	G	-0.0893
rs117470708	T	0.1079
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rs147455372	C	0.0732
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rs9948573	G	0.017
rs73445966	T	-0.1261
rs80140229	G	0.0838
rs10432085	C	-0.0511
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rs7238561	T	-0.0194

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rs8099659	A	-0.0454
rs76672104	C	-0.0722
rs34846217	A	0.0229
rs141603855	G	0.0792
rs1789222	G	0.0509
rs8097709	C	0.0381
rs72953382	A	-0.0195
rs9807144	C	0.0182
rs76724349	T	-0.0551
rs4395175	T	0.0215
rs8095197	T	0.0234
rs213075	A	-0.0194
rs117108469	T	-0.1006
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rs4890603	C	-0.0144
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rs17658363	G	0.0317
rs117607737	C	-0.0667
rs11873464	A	-0.0155
rs9962479	A	0.0194
rs75732522	T	-0.0222
rs79319846	A	-0.0586
rs72876960	T	0.1001
rs78384399	G	0.0688
rs145741744	G	-0.0436
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rs62081777	T	-0.1402
rs117516592	G	0.1123
rs62098614	T	0.0242
rs60833213	A	0.0258
rs470534	G	0.0156
rs142046955	A	-0.1172
rs72947095	C	0.0342
rs7245199	A	-0.0214
rs292346	A	0.0153
rs35640999	T	-0.0502
rs17564381	G	-0.0145
rs2635515	C	0.0668
rs35581034	G	0.0709
rs75364852	C	-0.0221
rs17204101	A	0.0365
rs113388871	A	-0.0644
rs118039650	A	-0.059
rs143221405	G	0.0572

rs7233462	C	0.0688
rs1954984	C	-0.0192
rs80047773	C	-0.0401
rs10163556	A	0.0563
rs9961762	A	0.0152
rs11663276	T	0.0144
rs118115661	C	0.0402
rs4530251	A	0.0174
rs72931116	A	-0.0155
rs9652934	A	-0.024
rs7241992	T	-0.0143
rs9948743	A	0.0189
rs12964903	T	0.0256
rs78669124	C	0.1031
rs12955016	T	-0.0745
rs2339192	C	0.0851
rs1432400	C	-0.0472
rs142538705	A	-0.1202
rs9953527	G	0.0272
rs1159399	A	-0.022
rs117896058	C	-0.0869
rs12954049	C	-0.0331
rs12606614	T	0.0224
rs79138247	T	0.0547
rs11152364	A	-0.0168
rs12957856	C	-0.0264
rs76036180	C	-0.0548
rs1377189	C	-0.0215
rs1105290	A	-0.0274
rs9304048	C	0.0149
rs76972022	G	0.0588
rs7232529	C	0.0229
rs7237652	G	0.0188
rs423340	G	-0.0182
rs8097988	T	-0.0375
rs113317653	C	-0.0551
rs77149930	T	-0.0816
rs59493681	G	-0.1154
rs476792	A	0.0141
rs142575143	T	0.0541
rs74876665	A	0.0657
rs155325	A	-0.0441
rs12965379	C	0.0236
rs62085049	A	0.0391
rs7233676	T	0.0155
rs2303375	T	-0.073
rs79875550	A	-0.1031

rs4798719	G	-0.0153
rs35591469	T	0.0947
rs334428	T	-0.0155
rs72989847	C	0.112
rs115159339	T	0.0891
rs10163859	T	0.0145
rs113904195	A	0.04
rs11877231	T	-0.0355
rs6567080	T	0.0189
rs140461207	A	0.079
rs117243126	A	0.046
rs75851723	T	0.0854
rs789029	C	-0.0183
rs117724976	C	0.0586
rs59661341	T	0.0179
rs2953249	G	0.0167
rs140313524	T	-0.0174
rs149393465	C	0.0796
rs11659982	T	-0.0145
rs58160181	C	-0.0276
rs117373539	A	0.0824
rs17267851	G	-0.0793
rs17084788	G	0.0214
rs675806	A	0.0146
rs75579006	G	-0.0523
rs56321746	C	-0.0358
rs149358868	A	-0.1049
rs117658650	G	0.0526
rs72983972	C	0.0286
rs17570088	A	0.0275
rs76737849	A	-0.0354
rs2542716	C	0.0223
rs76554100	C	0.0967
rs79172437	G	0.0842
rs149839214	T	0.1087
rs140986553	A	0.0697
rs1982037	T	0.0192
rs6566158	T	0.0503
rs145858432	C	0.0646
rs117487982	A	0.1007
rs12958739	C	-0.0205
rs1560433	C	-0.0275
rs9948128	C	0.0146
rs117128022	G	0.0581
rs56659627	T	-0.0289
rs72859297	A	0.0369
rs55646160	A	-0.0423

rs62087798	G	0.0441
rs138908318	A	0.08
rs11665215	T	0.0449
rs8098301	G	0.0353
rs144216029	A	-0.0806
rs1668848	C	0.026
rs12962730	C	0.0138
rs34338499	C	-0.0565
rs9303932	A	-0.0236
rs117826315	C	0.0737
rs1652067	T	0.0958
rs524641	A	0.0717
rs77937801	T	-0.0295
rs1371856	A	0.0149
rs4349228	G	0.0215
rs1942103	G	0.0637
rs117429384	T	0.041
rs41274304	G	-0.0455
rs78236691	T	-0.0421
rs10468923	C	0.0177
rs2590400	G	0.0215
rs143631503	C	0.0723
rs684417	T	0.0163
rs6505771	G	-0.0149
rs28401562	C	0.0735
rs76520062	G	0.036
rs12959970	T	0.0432
rs9946497	C	0.0205
rs117485671	G	-0.0872
rs116996249	A	-0.0796
rs1628233	A	-0.0154
rs11150998	A	0.0896
rs116805062	T	-0.0442
rs80185450	A	-0.0843
rs148478052	T	0.0435
rs722809	A	-0.027
rs143105094	A	-0.1112
rs11664141	G	-0.0335
rs1550598	A	-0.014
rs7227545	C	0.0169
rs9957312	A	0.0148
rs116877061	T	-0.0721
rs2851860	A	-0.0253
rs117170814	A	0.1049
rs72922196	G	0.0404
rs73444428	C	-0.0335
rs72618580	A	0.0667

rs62079232	C	-0.0548
rs117526269	T	0.0994
rs34027362	T	0.0168
rs9964915	C	0.0236
rs8090962	G	0.0147
rs60411157	G	-0.0863
rs76880745	A	-0.0559
rs16949636	T	-0.0415
rs4552100	C	0.0167
rs9949553	G	0.0779
rs7243518	T	0.0275
rs4892018	T	0.0166
rs985492	G	0.0142
rs77832186	A	0.0495
rs7244955	T	0.0215
rs117625497	T	-0.0701
rs116741570	A	-0.0643
rs11152168	T	-0.021
rs12454000	G	-0.0152
rs79493304	C	0.0582
rs117783260	A	0.1099
rs79567497	T	0.0538
rs71367283	C	-0.0975
rs80338448	T	-0.0152
rs62097238	A	0.0917
rs9952361	A	-0.0233
rs74555690	C	0.0735
rs7227886	G	-0.0321
rs7236952	C	0.0243
rs75980048	G	0.0563
rs1944022	C	0.0188
rs12454244	T	0.0199
rs1791161	T	0.014
rs9963363	T	-0.0257
rs483060	C	0.0203
rs9973116	T	0.0462
rs2733147	A	-0.0201
rs6507703	A	-0.0287
rs2032724	C	0.0306
rs1822266	C	-0.0235
rs117469229	T	-0.0744
rs12965374	C	0.017
rs145164583	T	-0.0646
rs117450722	A	0.0432
rs79795896	A	0.0333
rs113026422	A	-0.0263
rs603942	A	-0.0222

rs7227307	T	-0.0606
rs111388625	T	-0.027
rs118079176	T	0.0696
rs16976886	A	-0.0241
rs117546454	T	-0.0494
rs79467882	A	0.0769
rs75036948	T	0.0303
rs1967428	G	0.0443
rs17696757	C	0.0213
rs112038672	A	0.0284
rs112936242	G	0.0681
rs13381339	T	0.0454
rs10221446	T	-0.05
rs79380751	T	-0.0266
rs77297054	G	0.0189
rs7240222	T	-0.014
rs146800163	G	0.0457
rs141613071	A	0.0865
rs1918681	A	0.0429
rs9950275	G	-0.0359
rs78041383	C	-0.0574
rs117807499	A	-0.0865
rs2846607	A	-0.0245
rs1995708	A	-0.02
rs2009296	A	-0.014
rs72966053	A	0.0453
rs57686490	T	0.076
rs149534248	C	0.0775
rs339879	C	0.0136
rs72878794	T	-0.0414
rs1401462	T	-0.0238
rs2678792	T	-0.0137
rs77489949	C	-0.0659
rs117180961	A	0.0584
rs139052361	T	0.039
rs139850579	A	0.1126
rs62091286	C	0.055
rs145295754	G	-0.07
rs2282651	A	0.0234
rs17070798	G	-0.0356
rs1375967	T	-0.0177
rs77222081	A	-0.0658
rs2676675	C	-0.0152
rs76786081	A	-0.0683
rs62094274	G	0.0462
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rs35737016	A	-0.0728

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rs11151064	G	-0.0143
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rs111651454	G	0.0665
rs1402627	T	0.0174
rs148027080	T	0.0496
rs75156275	T	-0.101
rs521409	A	0.0195
rs6508374	A	0.0334
rs9956408	G	0.0172
rs9952738	A	-0.0393
rs115877020	T	0.0486
rs498496	C	0.0147
rs56194068	T	-0.027
rs16941505	T	-0.0352
rs2366373	G	0.0146
rs163225	A	-0.0134
rs12971229	A	-0.0348
rs1944355	A	0.0146
rs906517	T	-0.0179
rs58934498	C	0.0158
rs6506005	C	0.0161
rs116898306	A	-0.0454
rs722383	C	0.0152
rs147761062	T	0.1131
rs62087671	G	-0.0895
rs9954493	A	-0.0186
rs144828546	A	0.067
rs61133591	C	0.0914
rs116999168	C	-0.0352
rs17188953	G	0.0204
rs144427432	T	-0.0459
rs35119840	T	-0.0357
rs118184502	C	0.0732
rs74551893	T	0.0244
rs17753142	T	0.0288
rs12959413	T	0.0158
rs753639	A	0.0197
rs36201538	T	-0.0168
rs112991002	G	0.0609
rs144195999	T	0.0745
rs12955724	T	0.025
rs532241	G	-0.0181
rs146435854	A	0.0874
rs28453996	A	0.0795
rs594044	G	-0.0173
rs694785	G	-0.015

rs9966317	C	0.0214
rs148885875	A	-0.0363
rs4530255	A	0.0134
rs146049246	C	-0.0548
rs74490877	C	0.0375
rs4107900	C	-0.0353
rs117085661	A	-0.0508
rs112566546	G	0.0557
rs57091267	A	0.0177
rs45444991	T	-0.0895
rs17057012	T	-0.0366
rs118171805	A	-0.0696
rs12961411	A	-0.0173
rs10514233	G	-0.0198
rs1037733	A	-0.0262
rs71362798	T	0.0639
rs7226959	C	-0.0162
rs149772068	A	-0.117
rs611297	T	0.0306
rs73967236	C	0.0319
rs4800113	G	0.0142
rs4099980	C	0.0182
rs72993257	T	-0.0916
rs76165115	G	-0.0286
rs4567801	G	0.0327
rs12956285	G	-0.0204
rs12606144	A	0.0158
rs2299843	C	-0.106
rs789062	A	-0.0535
rs1868653	C	-0.0236
rs4799069	T	-0.0261
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rs28549720	T	-0.0403
rs138932253	A	-0.0823
rs7232668	G	0.0415
rs117959355	G	0.0832
rs2320211	A	0.0143
rs7236958	A	-0.0239
rs117959992	T	0.0775
rs4939828	C	0.019
rs472633	A	0.0132
rs6508248	C	0.0173
rs73953194	A	0.0766
rs11660719	A	0.0369
rs117448206	T	0.0399
rs17090158	G	-0.0196
rs75712761	C	-0.0737

rs12454303	T	0.0386
rs12454943	T	-0.0471
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rs59753081	A	0.0424
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rs117960112	A	0.0841
rs112829527	G	0.0523
rs117084181	C	0.0763
rs16949229	C	0.0321
rs833511	C	-0.019
rs603313	C	-0.0184
rs72857601	G	0.051
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rs79516914	G	-0.0521
rs28753905	C	-0.0226
rs1021946	T	0.0569
rs2082098	A	0.0138
rs141466869	A	-0.0674
rs10163905	A	0.0139
rs76790281	T	0.0677
rs41505449	A	0.0356
rs17769805	G	-0.0343
rs7227010	G	-0.0185
rs62086586	A	0.0205
rs72941932	T	-0.0173
rs8087481	G	0.0142
rs117575058	T	-0.047
rs2191640	T	0.0173
rs116969645	T	-0.0458
rs75093271	C	0.0572
rs67918319	C	0.0366
rs76470249	G	0.0282
rs74827956	A	0.0311
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rs9950729	C	-0.0216
rs6506628	C	-0.0164
rs12604423	C	0.0787
rs10221410	T	0.0237
rs8091482	A	0.0229
rs1624032	T	0.0167
rs11873985	T	0.0295
rs11872167	A	0.0594
rs8085923	T	0.0179
rs75236284	C	-0.0602
rs79417512	T	-0.0513
rs28684482	G	0.0203

rs75416195	T	0.0522
rs62085281	A	-0.0199
rs76460744	T	-0.0687
rs78232074	G	0.0448
rs117041010	T	0.0831
rs77654131	G	0.0598
rs73443134	C	0.0362
rs4369778	A	0.0369
rs12457166	A	-0.0252
rs10163878	C	-0.0152
rs1397062	A	0.0155
rs113398160	A	-0.0694
rs6507540	T	0.013
rs71356456	T	0.0766
rs470473	T	-0.0154
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rs58802425	C	-0.0311
rs9963300	T	-0.0357
rs1164	C	0.0171
rs10502715	T	-0.0313
rs1972607	A	-0.0144
rs78648525	T	-0.0792
rs112458760	T	0.0488
rs55727210	C	0.0891
rs117592303	C	-0.0712
rs17066597	C	-0.0464
rs111875305	A	-0.1092
rs12326750	A	0.026
rs28547149	T	-0.0155
rs17738219	T	0.0189
rs17754048	C	0.0182
rs17056922	G	-0.0297
rs2105728	A	0.0133
rs4939826	A	0.022
rs1221972	T	0.0838
rs77008331	A	-0.0476
rs12458154	C	-0.0168
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rs117828788	A	-0.062
rs17769495	C	-0.0174
rs118137324	T	-0.1106
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rs80149682	G	0.0823
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rs145402288	T	0.1052
rs62092708	A	-0.055
rs1787593	T	0.0144

rs79150349	A	-0.0725
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rs117013920	C	0.07
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rs55829991	C	-0.0166
rs55658959	G	-0.0268
rs1121211	A	-0.015
rs1562000	T	0.0137
rs1368786	G	0.0289
rs1954855	C	0.0248
rs145132282	T	-0.1028
rs17071630	C	-0.0293
rs6508340	C	0.015
rs16978163	A	0.0274
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rs1789078	A	-0.0328
rs8099704	A	-0.0272
rs4798775	A	0.0131
rs653919	A	0.0184
rs56132809	T	-0.0514
rs80056553	G	-0.0884
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rs117103149	A	-0.0923
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rs117267069	G	-0.0525
rs72964885	G	0.021
rs523312	T	0.0158
rs74440646	T	-0.0363
rs2588465	A	0.0685
rs583523	G	-0.0178
rs3900805	C	0.0215
rs72985206	T	0.0886
rs9958662	T	-0.0161
rs57080481	A	0.019
rs72994494	A	0.0663
rs116906728	A	-0.0568
rs35442828	G	0.0197
rs10853484	C	0.0141

rs72957200	C	-0.0523
rs77619037	C	0.0376
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rs12604490	T	-0.0427
rs11662143	A	-0.029
rs671680	T	0.0142
rs11662622	G	0.0214
rs144724146	A	0.0967
rs117691458	T	-0.0968
rs2941394	T	-0.0146
rs117442315	A	-0.0835
rs112406774	A	-0.0572
rs7237464	T	0.0159
rs7228418	T	-0.0144
rs34502573	T	0.0264
rs117208392	T	-0.0698
rs117272216	A	0.066
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rs1356479	A	0.0134
rs142587181	A	-0.0703
rs149851450	T	-0.0651
rs75043779	A	0.0468
rs149423327	A	-0.0512
rs9957264	A	-0.0176
rs139075675	A	-0.0815
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rs17664307	A	-0.0398
rs8086646	C	-0.0129
rs141918139	T	0.0684
rs59736845	A	0.0183
rs9950078	T	-0.0136
rs3097642	G	0.0141
rs35499452	G	-0.051
rs80261783	T	-0.0579
rs149580728	T	-0.045
rs8086421	T	-0.0196
rs16954205	T	-0.0283
rs74909890	A	0.0236
rs1562004	G	-0.0134
rs8086588	T	0.0169
rs116907649	C	-0.1056
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rs12970954	A	-0.0444
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rs4271669	A	0.0315
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rs35025965	G	-0.022
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rs585580	C	-0.0322
rs55690751	G	-0.0261
rs11662691	C	0.0263
rs17773370	A	-0.0402
rs8090864	G	-0.0156
rs80305476	C	-0.055
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rs62083196	A	-0.0169
rs4940005	A	0.0159
rs519309	G	0.0203
rs8096364	G	-0.0214
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rs112833448	C	-0.0292
rs7234020	C	0.0226
rs1984915	G	-0.0165
rs6566815	G	-0.0139
rs28499407	A	0.0413
rs34450274	T	-0.0395
rs80251722	A	0.0589
rs112285783	A	-0.0227
rs9948016	T	0.0332
rs75152146	T	0.0842
rs2045232	G	0.0133
rs1788931	T	-0.0232
rs77939509	T	0.0622
rs3859320	G	-0.0366
rs112294339	C	0.0701
rs9950799	C	-0.0252
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rs138419135	G	0.048
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rs113078533	A	-0.0901
rs76124644	A	-0.0792
rs138532409	T	-0.0662
rs77708288	A	-0.0477
rs80309336	A	-0.0352
rs1241987	A	-0.0129
rs117665159	T	-0.08

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rs7235681	A	0.0169
rs7238497	C	0.025
rs72926846	A	0.0311
rs4890674	C	0.0147
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rs12959903	A	0.0129
rs34151822	A	0.0676
rs540291	C	0.0142
rs17078752	A	-0.0371
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rs9959890	C	0.0165
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rs57914615	C	-0.0167
rs12966814	C	0.0212
rs112877924	C	-0.0183
rs143786002	C	0.0793
rs74985296	A	-0.0583
rs79441032	G	0.0687
rs151062029	T	-0.0608
rs2042062	A	-0.0224
rs7234113	T	0.0171
rs76145526	A	0.0323
rs72988007	A	0.053
rs78192978	T	0.0376
rs7227395	C	0.0129
rs117866902	C	-0.0602
rs8084060	T	-0.0136
rs11873134	A	0.0338
rs2654174	C	0.0149
rs144269829	T	0.0918
rs77496389	C	-0.023
rs17641592	G	-0.0341
rs118005146	G	0.0723
rs117956492	G	0.0697
rs61117536	A	0.0208
rs55936258	C	-0.0976
rs75263898	A	0.0974
rs141787630	T	0.0847
rs12962142	G	-0.0195
rs117162761	G	-0.057
rs2847612	C	-0.025
rs4798519	A	-0.0131

rs116929806	C	0.0737
rs62618698	A	0.0454
rs77279216	T	0.0468
rs74529945	T	0.0523
rs117840077	G	-0.0576
rs1941148	A	-0.027
rs9951030	C	0.117
rs2231563	T	0.0228
rs73485430	G	-0.0203
rs57054619	G	0.0232
rs2138178	A	0.0262
rs117600193	G	0.0648
rs8097066	G	0.0187
rs140526496	A	0.0431
rs60348005	C	-0.0351
rs17816792	G	0.0165
rs143177720	C	0.022
rs142668775	G	0.1127
rs1941658	C	0.0522
rs12604657	T	-0.0136
rs60535345	T	-0.0292
rs145714750	A	0.0638
rs139269391	T	0.0484
rs12971102	C	0.0397
rs112607304	G	-0.0297
rs9304157	C	-0.0349
rs143353843	T	-0.0597
rs117381066	A	-0.0287
rs62083214	T	-0.0201
rs34393749	G	0.0132
rs17778154	T	-0.0173
rs11874807	G	-0.0197
rs116858912	T	0.0764
rs117123349	A	0.0708
rs76056222	A	0.0283
rs79157443	T	-0.026
rs34493149	G	0.076
rs4891824	T	0.0394
rs35017159	G	-0.0683
rs117151973	G	0.0562
rs72919436	T	0.0776
rs75936759	A	0.0439
rs7229018	G	0.0305
rs77856670	A	-0.0501
rs9948901	G	0.014
rs4796982	C	-0.0214
rs949022	G	0.0164

rs9952133	A	0.0286
rs76515994	T	-0.0655
rs111687718	A	-0.0276
rs117382973	A	-0.0414
rs141499140	T	-0.0525
rs16956987	T	0.0659
rs2541874	A	0.0168
rs62093192	T	-0.0185
rs140946759	T	-0.0209
rs10502569	G	0.0269
rs1942371	G	0.0202
rs115114076	G	0.0492
rs2849257	G	0.0153
rs11663209	T	0.0875
rs66780221	A	0.0407
rs146042968	G	0.053
rs76079008	A	0.0554
rs9948520	T	-0.0149
rs476858	G	-0.0197
rs117848936	C	-0.0876
rs17827804	A	-0.0665
rs8097697	C	-0.0429
rs10853325	A	0.0158
rs113872527	G	0.0671
rs147895498	G	-0.1125
rs11660584	A	0.0161
rs12104044	T	0.0206
rs4417607	T	-0.0359
rs2881288	T	-0.0193
rs111494523	A	-0.1
rs117842499	C	0.084
rs79253221	A	-0.0747
rs79714360	G	0.0377
rs12959006	T	-0.0165
rs62094194	C	0.0375
rs35041077	G	0.0189
rs79409440	A	-0.1066
rs8083156	G	-0.0136
rs9947632	A	0.0198
rs79890897	C	0.039
rs8084658	C	-0.032
rs9961683	T	0.0162
rs148212371	T	0.0516
rs141614991	T	-0.0606
rs524047	C	0.0217
rs56732665	T	0.016
rs77278100	C	0.0428

rs1995446	G	0.0149
rs113945797	T	0.0288
rs11878137	C	-0.037
rs35609091	C	0.071
rs117991250	T	0.0421
rs117543671	G	-0.0433
rs79646752	A	-0.0249
rs78230861	C	0.0291
rs6567287	C	0.0149
rs12963371	T	0.0154
rs147205939	G	0.0894
rs12969605	A	-0.0124
rs79626538	T	0.0305
rs41452747	A	0.0255
rs80033208	A	-0.0395
rs76459109	T	0.0878
rs6507607	C	-0.0154
rs12969729	A	0.0123
rs2058345	A	-0.058
rs1791113	C	0.0183
rs75508272	A	-0.0616
rs10782028	C	0.0126
rs62099252	A	0.0222
rs608161	T	0.0206
rs117188523	T	-0.0605
rs538257	T	-0.0235
rs142002334	G	-0.0409
rs75104201	T	0.0365
rs72973107	C	-0.0164
rs9944979	G	-0.014
rs80166638	C	-0.0824
rs117542959	T	-0.0757
rs2912332	G	0.0216
rs77518617	C	0.0581
rs2156648	A	-0.0733
rs147174421	C	0.0497
rs8088470	A	0.0234
rs78798716	T	-0.0644
rs12960046	G	-0.0173
rs3912267	C	-0.0134
rs12970451	C	-0.0338
rs74491954	T	0.0421
rs72900301	C	-0.0218
rs28482978	A	0.0236
rs675150	G	-0.0143
rs78354784	C	-0.036
rs880132	T	-0.0158

rs75418319	A	0.0379
rs117396803	C	-0.0665
rs111881119	A	-0.0254
rs17470795	G	-0.0727
rs7243897	A	0.0262
rs150544650	C	-0.1065
rs11661904	A	0.0233
rs62091991	G	0.0561
rs77784260	A	0.0217
rs80135005	C	-0.0458
rs117900297	A	0.0823
rs12605544	C	0.0164
rs8099151	T	-0.0244
rs149078224	C	0.0599
rs116240244	A	0.0743
rs7242015	G	0.0143
rs2959486	T	0.0174
rs17811812	T	-0.0244
rs62094369	A	0.0317
rs7229899	C	0.014
rs12607146	C	0.0242
rs9951738	G	-0.0171
rs529342	G	0.0144
rs1247920	A	0.0121
rs118126931	T	0.0376
rs112975019	T	-0.0585
rs6566532	T	-0.0216
rs4798125	C	-0.0179
rs145089381	G	-0.0585
rs1561653	G	0.0148
rs9946136	C	0.0162
rs78318225	G	-0.0451
rs80049715	T	-0.0686
rs35904567	A	0.0153
rs6565965	C	-0.0134
rs62094559	A	-0.0157
rs12458466	A	-0.0171
rs9945594	G	-0.013
rs3794848	T	0.0139
rs148497324	A	0.0418
rs16943541	C	0.0508
rs113117521	T	0.0956
rs150516407	A	-0.022
rs9946212	G	-0.0126
rs3862176	G	0.0779
rs77200433	T	0.0477
rs291654	A	0.0243

rs76120571	G	-0.0761
rs143767737	G	0.0713
rs72927749	C	-0.0628
rs62083985	A	-0.0278
rs1945004	T	0.0157
rs17660776	A	0.0159
rs75323122	A	-0.0352
rs142198921	T	0.0853
rs80087105	A	0.0902
rs117914392	C	-0.046
rs76517301	A	0.0405
rs7242516	C	-0.0163
rs34468881	A	0.0292
rs72917489	C	-0.0431
rs77857012	A	-0.0651
rs76496419	G	0.0412
rs148546387	C	-0.1094
rs72985379	A	-0.0248
rs35078374	T	-0.0203
rs60367294	T	0.0143
rs4340399	C	0.0136
rs62096183	T	-0.0709
rs12957918	C	0.0417
rs72974959	C	0.0306
rs78052066	A	0.0653
rs72954220	T	-0.048
rs78897305	A	0.0236
rs12457632	T	-0.0197
rs2174899	C	-0.0178
rs77807581	A	-0.0646
rs139108042	C	0.0579
rs140194027	A	-0.0467
rs77822858	G	0.0835
rs72895169	T	-0.0667
rs79554684	A	-0.0738
rs3760613	C	0.0551
rs62100563	G	0.0851
rs677136	C	-0.0135
rs10460021	A	0.0393
rs9944976	A	-0.0214
rs148523343	T	0.0568
rs77053242	C	-0.0956
rs8082903	C	0.0359
rs9957642	C	0.0146
rs7359752	T	-0.0236
rs34127588	T	0.0706
rs118051442	A	-0.0318

rs11152236	C	-0.0124
rs566655	G	0.0145
rs9962338	C	-0.0155
rs77599684	A	-0.0488
rs78996556	T	-0.0733
rs78688056	A	-0.0283
rs144032783	T	0.0564
rs11082667	G	0.0531
rs7235469	A	-0.0181
rs112251004	A	-0.0722
rs72977865	G	0.0712
rs1039721	A	0.0128
rs77256596	G	0.0464
rs75148758	C	-0.0221
rs72995632	A	0.0479
rs118084374	T	-0.0699
rs12605998	C	-0.0176
rs11664796	C	-0.0256
rs17056723	A	0.0727
rs77336523	A	-0.0292
rs11081378	A	-0.0148
rs76600051	A	-0.064
rs4940291	T	-0.016
rs147167929	T	0.0277
rs12966713	C	-0.0136
rs55705322	A	-0.0191
rs8092966	C	0.0122
rs137947188	A	0.0819
rs117003358	G	0.0556
rs11660835	C	0.0142
rs590911	A	-0.0286
rs9949357	G	-0.0149
rs56140727	G	-0.0607
rs7241714	T	-0.023
rs2290826	T	-0.0287
rs147768726	T	-0.101
rs150067673	T	0.0872
rs76699997	C	-0.0357
rs76542501	G	0.0658
rs16942962	A	-0.0236
rs78977185	T	-0.0379
rs79853803	A	-0.0255
rs323125	G	-0.019
rs9956106	A	0.014
rs147130379	A	0.0945
rs145221290	C	-0.0884
rs117830852	G	0.1144

rs36081634	C	-0.0668
rs9953631	C	-0.0135
rs644529	T	-0.0889
rs62096485	A	-0.0308
rs79112239	C	0.1007
rs16946317	T	0.0345
rs150301854	G	0.0612
rs2911621	T	-0.022
rs150658670	T	0.0579
rs9953010	T	-0.0142
rs17692276	T	0.0258
rs117096480	T	0.0431
rs17735714	A	-0.0153
rs75001222	A	0.0697
rs1893250	A	0.0125
rs76462335	C	0.0384
rs62101078	T	-0.0328
rs9964804	C	-0.0367
rs75892562	T	0.0161
rs7227942	G	-0.0129
rs62079879	C	0.0154
rs9963214	C	0.0391
rs145126645	T	0.0516
rs117901278	C	0.0728
rs116879885	G	0.1028
rs117354958	G	0.0395
rs4800151	A	0.0159
rs62103350	T	0.0595
rs7232180	A	0.0469
rs11665521	C	0.0127
rs72862185	C	0.0195
rs9319649	A	0.0479
rs7240739	C	0.0427
rs72642404	G	0.0255
rs1145266	G	-0.0126
rs148155792	T	0.062
rs949029	A	-0.015
rs111328066	T	-0.0833
rs1703823	T	0.0165
rs118035118	C	-0.0352
rs1073581	C	-0.0118
rs16960494	C	0.0231
rs12185294	G	-0.0159
rs77531379	G	-0.063
rs12606001	T	0.0127
rs1719979	T	-0.0133
rs3975315	T	-0.0141

rs72886772	G	0.0552
rs146204538	T	0.1093
rs9963629	T	0.0142
rs78857247	A	0.0281
rs8096632	C	0.0164
rs8083023	T	0.016
rs1557351	C	0.0147
rs1861906	G	0.0122
rs16967993	T	0.0611
rs11082704	C	0.0142
rs138263361	T	-0.0534
rs12458286	A	-0.0258
rs80226779	A	-0.0544
rs75782335	G	0.0453
rs117462840	T	-0.0275
rs498461	A	0.0127
rs72914964	A	0.0305
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rs4890585	A	0.0716
rs7233136	G	-0.0117
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rs9949946	A	0.0123
rs76680428	T	-0.0468
rs441668	T	0.014
rs71160961	G	0.0136
rs112167885	A	0.0702
rs117557462	C	0.0388
rs7229118	G	0.041
rs78138818	T	0.0555
rs645257	T	-0.0129
rs139506349	A	0.0848
rs142179280	C	0.0547
rs116911862	A	0.0767
rs2069083	T	-0.0172
rs117787013	C	0.053
rs2032232	G	0.0125
rs62086988	G	0.0694
rs17651456	T	0.0494
rs9948716	G	0.0157
rs77661143	T	0.034
rs80075759	G	0.0467
rs1792744	G	0.0214
rs12960602	T	0.0168
rs649530	G	0.0119
rs9964178	T	-0.0133
rs7237415	C	0.0321
rs3744860	T	0.015

rs141493714	A	-0.0879
rs7227646	T	-0.0245
rs112813185	C	-0.0619
rs117358990	G	-0.0538
rs111709047	T	-0.0424
rs59929798	T	-0.0131
rs59413854	G	-0.0717
rs7233541	C	0.0266
rs75321103	C	-0.0519
rs524685	G	-0.0246
rs78694830	A	0.0567
rs117925057	G	0.0361
rs6505987	T	0.0774
rs61061802	A	-0.0274
rs1790992	A	-0.0248
rs72924733	T	0.045
rs17088317	C	0.017
rs117109798	T	0.0543
rs74385484	A	0.0407
rs11081091	G	-0.0236
rs117500900	C	-0.0775
rs112922600	G	0.0612
rs12962505	G	-0.0205
rs7229901	T	0.0228
rs73956029	A	0.0296
rs150252103	G	0.0824
rs474743	A	-0.0121
rs9956834	C	-0.0364
rs10445471	A	-0.0132
rs118126577	T	-0.05
rs56364571	C	-0.0191
rs755776	G	-0.0201
rs62091381	A	0.0172
rs118100458	A	0.0818
rs34143551	T	-0.055
rs12958827	T	-0.0127
rs28594778	G	-0.0343
rs6508086	C	-0.0334
rs17089360	T	-0.0866
rs56277837	T	0.0137
rs77048583	C	-0.09
rs62106138	A	-0.0139
rs79617054	G	-0.0248
rs630174	G	0.0145
rs7229088	T	-0.0175
rs2002248	T	0.055
rs113568918	A	0.0345

rs1260722	T	0.0131
rs67107156	G	0.032
rs118069429	G	-0.0709
rs35326929	C	0.0276
rs2658049	T	0.0204
rs1365294	G	-0.0163
rs9963707	G	0.0253
rs12964726	T	-0.0677
rs75925408	T	-0.0411
rs117384534	A	0.1032
rs10502937	T	0.0357
rs79234024	C	0.0236
rs76495109	T	0.0687
rs144375996	C	0.0563
rs57088749	T	-0.0129
rs112741143	T	0.0329
rs2052416	A	-0.0296
rs11873286	A	0.0216
rs12969179	G	0.0373
rs4799553	G	0.0663
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rs75461825	A	0.0377
rs9951492	G	0.0222
rs2510022	A	0.0116
rs72872909	G	0.035
rs11873701	A	0.0127
rs11081916	G	-0.0192
rs12966133	G	0.0251
rs117608103	T	-0.0624
rs12456124	T	-0.0192
rs148665420	T	-0.0774
rs78051698	C	-0.0252
rs75933567	T	0.0568
rs9951584	A	-0.0847
rs117155990	T	-0.078
rs28709753	T	-0.0345
rs72963110	A	-0.0445
rs76966570	T	-0.03
rs7236330	T	-0.0156
rs17256808	G	-0.0558
rs62081533	C	0.0141
rs9952060	C	0.0129
rs77068691	T	0.0473
rs505145	A	0.0124
rs2865143	G	-0.017
rs117799943	G	-0.0439
rs148858632	C	0.0442

rs73004445	T	0.0422
rs28641595	T	0.0132
rs8084582	A	0.0155
rs534675	G	-0.0232
rs117370474	C	-0.0222
rs7232967	T	-0.0317
rs4941040	T	0.0337
rs111826765	C	-0.065
rs7229614	A	-0.0169
rs34392232	G	-0.0348
rs527383	G	0.0133
rs11877199	A	0.0204
rs117940983	C	0.0373
rs2846766	C	0.0173
rs112472590	T	0.1013
rs62095616	C	-0.0652
rs78145437	T	-0.0436
rs72917213	T	0.019
rs12963257	A	-0.014
rs141472663	T	-0.0839
rs4940412	A	0.0208
rs60662653	G	-0.0198
rs77493404	A	0.0623
rs139295223	A	0.055
rs3848498	A	-0.0165
rs78719462	A	0.0227
rs12958384	T	0.0131
rs62082948	T	-0.016
rs145156973	A	-0.0763
rs9965900	C	-0.0129
rs75527198	C	-0.0502
rs12455713	T	0.0209
rs62096181	T	0.0156
rs74803650	C	0.0566
rs118190878	T	0.0442
rs141261503	T	-0.0393
rs149070427	G	0.0571
rs16946958	A	-0.0326
rs16944952	A	0.0223
rs140773496	A	-0.0264
rs140694861	C	0.0618
rs73455289	C	0.0735
rs75364985	A	-0.034
rs17479650	G	-0.0378
rs10515975	A	-0.0319
rs117452443	A	-0.1076
rs303753	A	0.0121

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rs140801656	T	-0.0543
rs145031466	G	0.0782
rs1249488	G	0.0139
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rs9964994	G	-0.0234
rs74980163	T	-0.0542
rs548362	A	-0.0111
rs62090479	A	0.0411
rs16942091	G	0.0211
rs118023207	T	-0.0552
rs116260140	T	0.0514
rs118054209	C	0.0493
rs28391643	T	0.0277
rs1786721	T	-0.0513
rs2510192	A	-0.0117
rs7242279	A	0.0182
rs12103960	T	0.0586
rs34639724	A	-0.063
rs117862146	A	-0.0501
rs8098360	T	-0.0261
rs9304308	A	-0.017
rs9958651	G	-0.0157
rs72874225	T	0.0202
rs117047595	A	0.0675
rs17460370	G	0.0694
rs116569842	G	-0.066
rs482497	C	0.0183
rs79077535	G	0.0133
rs28673782	G	0.0221
rs78192102	G	-0.023
rs117034358	C	-0.0672
rs34826949	A	0.0261
rs17698652	A	-0.0148
rs2846761	T	0.0175
rs58925983	C	-0.0382
rs1369061	C	-0.0118
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rs145744014	T	0.06
rs75582642	T	0.0323
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rs74560640	G	-0.0545
rs6566464	G	-0.0207

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rs62082096	A	-0.0744
rs76589324	A	0.0435
rs72911371	C	-0.054
rs34174335	T	-0.0122
rs12956914	G	0.0113
rs2625381	T	-0.014
rs7233975	G	0.0138
rs72856329	G	-0.0556
rs117466055	C	0.0449
rs28616756	C	-0.0411
rs2580128	T	0.0135
rs72973248	A	0.0488
rs8299	T	0.0118
rs77156984	T	-0.0444
rs117219734	C	0.0407
rs75086708	A	-0.0455
rs140306288	A	0.0497
rs4940370	C	-0.0165
rs7234333	T	-0.0147
rs71355685	G	-0.0606
rs35435727	G	0.0139
rs7241838	T	0.034
rs116846781	A	0.062
rs73376926	G	0.0445
rs80166024	A	-0.0321
rs35726590	G	-0.0376
rs55947782	A	-0.0149
rs11876188	T	0.015
rs61743119	T	0.0222
rs922185	G	0.0146
rs74951270	T	0.024
rs143761079	A	0.0522
rs9964480	G	-0.0113
rs2385480	A	0.0143
rs8084631	G	-0.0407
rs906982	C	0.0205
rs142974767	A	0.0861
rs4798726	C	-0.0456
rs17818562	G	0.0396
rs28514917	C	0.0401
rs11083411	G	0.0116
rs118069190	G	0.0485
rs78929336	T	-0.0529
rs139441575	T	-0.0488

rs62079234	C	-0.0333
rs58101710	T	-0.0605
rs74898217	A	0.0318
rs689178	G	0.0153
rs12960344	T	-0.0415
rs75835857	T	0.0609
rs74744623	C	-0.0592
rs12953761	C	0.0315
rs1667223	C	0.0111
rs79676158	C	0.0899
rs56380432	A	0.0428
rs74584201	A	0.0973
rs7233032	A	0.0125
rs117717683	A	0.0697
rs79973834	T	-0.0668
rs76171344	A	0.0582
rs79552569	G	-0.0713
rs74617606	A	-0.0422
rs117918521	A	0.0644
rs12457904	T	0.03
rs4239401	G	-0.0664
rs2432832	C	0.0121
rs72867363	C	-0.0646
rs56228920	C	-0.0225
rs117782496	T	-0.0735
rs626549	T	-0.0229
rs117057567	A	0.0271
rs36078707	G	-0.0715
rs72882537	G	0.0271
rs617573	C	0.0155
rs146187762	G	-0.0607
rs74945060	C	0.0697
rs6508608	T	0.0128
rs9964224	A	0.0164
rs7235993	T	0.0321
rs9946794	G	0.0139
rs11663548	C	-0.0197
rs151236310	A	0.0612
rs28821273	C	-0.0196
rs11665110	A	0.0323
rs11660674	A	-0.0306
rs77684190	G	0.034
rs55990567	A	-0.0461
rs117117966	A	0.0505
rs4797095	A	-0.0329
rs78149774	A	0.0338
rs76912150	G	-0.0302

rs16943915	G	0.0223
rs206580	C	-0.0125
rs141594031	A	0.0434
rs78348139	T	-0.0415
rs78779298	A	0.0245
rs138303505	G	-0.0587
rs1465509	C	-0.0131
rs16978537	A	-0.0364
rs1833284	G	0.0125
rs587274	A	0.0139
rs62074942	A	-0.0294
rs117622899	A	-0.0603
rs55778364	C	-0.0271
rs192775	C	-0.0148
rs9962307	A	0.0413
rs143849941	C	-0.0499
rs2612092	T	-0.0187
rs76528996	T	-0.0547
rs75355389	T	-0.0248
rs117185595	A	0.0903
rs9964613	A	-0.0161
rs17640680	T	0.025
rs149308878	T	-0.0709
rs138031963	G	0.0608
rs77871595	T	0.0439
rs1511932	C	0.0127
rs116980487	T	-0.0396
rs78883928	C	-0.0438
rs2015832	A	-0.0215
rs8096052	C	0.0124
rs117636962	C	0.0542
rs112735296	G	-0.0451
rs12971010	C	0.0272
rs117034606	T	0.0397
rs11665097	T	-0.0189
rs62086500	G	0.0335
rs146786618	G	-0.034
rs77878935	T	0.0835
rs72866630	T	-0.0492
rs73384616	A	0.0595
rs59998287	A	-0.0358
rs111292758	C	-0.0284
rs8094089	T	0.0115
rs72900649	C	0.0431
rs62087385	T	0.029
rs56393300	G	0.0164
rs148801943	T	0.0654

rs11665341	G	0.0159
rs2000840	G	0.011
rs73449060	A	-0.0404
rs75494747	G	0.0468
rs34908092	G	0.0178
rs1531055	C	-0.045
rs117625345	A	0.0833
rs76858417	T	-0.0523
rs117984057	G	0.0643
rs72973240	A	-0.0138
rs637809	C	-0.0618
rs80336853	C	-0.0294
rs6566725	T	-0.0111
rs11662773	T	0.0405
rs17187730	C	-0.0181
rs72964682	T	0.0304
rs143601907	G	-0.0617
rs77159513	G	-0.0377
rs12458576	G	-0.0115
rs9304393	C	-0.0122
rs1430551	T	-0.0137
rs17799844	A	-0.0221
rs72890911	A	-0.0972
rs73375278	T	-0.0733
rs1032630	T	0.0189
rs72880357	T	-0.0739
rs118117920	A	-0.0549
rs12967320	A	0.0123
rs690191	C	0.0131
rs4619493	G	0.012
rs144630658	A	-0.0682
rs2850323	T	-0.0132
rs114508131	C	-0.0784
rs74406843	T	0.0265
rs17221361	T	-0.0741
rs75364447	A	-0.0443
rs8084714	T	0.0186
rs11659732	A	0.0337
rs17082318	T	0.027
rs12963836	C	0.0243
rs11660303	T	0.0135
rs6506319	G	0.0242
rs73946010	G	0.0326
rs117026720	A	-0.0675
rs2535725	G	-0.0171
rs7242425	C	-0.0155
rs116925803	T	0.0754

rs6506314	G	-0.0381
rs113114656	T	0.0473
rs12606687	T	0.0168
rs1942528	T	0.0214
rs4318291	G	0.0246
rs138163458	C	0.0959
rs11663779	A	-0.0151
rs35977497	A	-0.0274
rs79859108	G	-0.0519
rs34285397	T	-0.0611
rs113809986	A	-0.0527
rs6506053	T	-0.0138
rs148410041	G	0.0539
rs9953889	T	0.0127
rs557952	C	-0.0133
rs117189896	G	-0.0556
rs72632203	A	-0.0129
rs8085754	G	-0.0137
rs116980927	T	-0.0414
rs72887333	T	-0.0119
rs78822698	C	-0.0687
rs75783528	G	0.0284
rs9948124	G	-0.0435
rs111772192	A	-0.1055
rs748938	A	0.0166
rs62085724	A	-0.0193
rs17682436	A	0.0583
rs17468143	A	-0.014
rs13381971	C	-0.0608
rs6506188	A	-0.0232
rs74316971	C	-0.0546
rs17059541	T	-0.0164
rs117741304	G	0.0541
rs899968	G	-0.0121
rs116957432	A	-0.0337
rs713242	C	-0.0108
rs77953009	T	-0.0634
rs998993	C	0.0118
rs72966627	A	0.0366
rs4455051	A	-0.0118
rs10468829	C	0.0264
rs10438979	G	-0.033
rs12454386	G	0.0312
rs1318792	A	0.0118
rs140724611	A	0.0501
rs80162671	A	-0.0574
rs71354497	A	-0.0358

rs3809940	T	0.0268
rs981532	T	0.0192
rs894910	G	0.0116
rs59595970	G	-0.0317
rs6417039	A	-0.0144
rs11876383	C	-0.0495
rs62086519	A	-0.0282
rs78697548	G	-0.0266
rs117073321	C	-0.0528
rs75560528	G	0.0189
rs143840470	G	-0.0739
rs12954485	C	-0.0471
rs78162056	A	-0.0392
rs9946000	C	-0.0328
rs8085620	T	-0.0115
rs117288289	A	-0.0473
rs1274280	T	-0.0173
rs9957779	G	0.0169
rs73467618	G	-0.0607
rs550801	G	0.0113
rs7226446	A	-0.0147
rs556955	C	0.0137
rs117002544	C	-0.0314
rs4340391	C	0.0398
rs77665194	T	0.0837
rs12972156	G	1.1399
rs41289512	G	1.6384
rs760136	G	-0.4118
rs3925681	A	-0.5339
rs157595	A	-0.4518
rs6859	A	0.334
rs4803763	C	0.3972
rs77301115	A	1.1051
rs73052307	C	-0.5696
rs2889414	G	0.4276
rs12459810	T	0.3269
rs10407439	A	-0.2483
rs76692773	T	-0.4382
rs2927437	A	0.2437
rs2972558	C	-0.2174
rs2927435	T	-0.1876
rs1135062	G	-0.2688
rs141622900	A	-0.6791
rs113321260	A	0.2726
rs116949436	A	0.9385
rs35336243	T	0.1727
rs10856	T	0.3611

rs1160984	T	-0.3398
rs62117160	A	-0.5474
rs346773	T	0.3146
rs34874378	A	0.3606
rs28615360	A	0.9857
rs595290	C	0.1619
rs56261258	T	0.1971
rs111371860	T	-0.3496
rs12461065	T	0.1247
rs73035597	T	0.1777
rs75348771	C	0.2137
rs2927477	C	-0.2607
rs150685845	G	0.8189
rs34583389	T	-0.1253
rs141864196	A	-0.5308
rs138235833	G	-0.4072
rs112262807	T	-0.1345
rs7255066	C	-0.1118
rs35194383	T	0.1153
rs8112526	A	0.1877
rs4147929	A	0.1348
rs80307900	C	-0.3208
rs73046410	A	-0.1275
rs846881	C	-0.1597
rs41290100	T	-0.5702
rs3865444	A	-0.0954
rs17878252	A	0.0964
rs11083749	T	-0.0977
rs117187726	T	0.2414
rs74924179	C	-0.5128
rs4622634	C	-0.1145
rs62118504	G	-0.1227
rs78986976	A	-0.3719
rs111278892	G	0.1867
rs35194062	A	0.2212
rs12461144	T	0.2191
rs2965164	T	-0.0867
rs10415949	G	-0.0901
rs62120575	G	0.102
rs4147920	C	-0.2029
rs283814	A	-0.177
rs769446	C	-0.2406
rs34399924	A	-0.0969
rs2965162	T	-0.1355
rs79736061	A	-0.243
rs76320948	T	0.2501
rs10419669	A	-0.1389

rs10408290	T	0.0729
rs62109650	T	0.0855
rs72618590	T	0.2304
rs846892	C	-0.2614
rs11083772	T	0.0926
rs2919847	A	-0.076
rs1661200	T	-0.1091
rs62112767	A	-0.0863
rs117737673	T	-0.351
rs2547238	C	0.0905
rs62120485	G	0.0746
rs12974310	G	-0.0793
rs140829879	G	0.3535
rs12982061	A	-0.1029
rs4398192	G	-0.1124
rs45466892	C	-0.3673
rs4803784	G	0.0846
rs111624380	A	-0.1751
rs10408907	G	-0.0634
rs11671606	T	0.06
rs116943372	A	0.1797
rs731170	A	0.0683
rs1077161	G	0.1625
rs62116021	G	0.0866
rs7254282	G	-0.0632
rs7247401	C	0.1253
rs1654436	C	0.0621
rs204907	G	-0.1787
rs73550637	C	0.223
rs2159089	A	0.0849
rs12982331	A	-0.0717
rs8102625	C	-0.0824
rs302827	T	0.0678
rs175530	A	0.074
rs11880444	A	-0.0864
rs147802163	G	0.2852
rs296376	A	-0.0797
rs62111576	C	0.1461
rs111255249	A	0.3654
rs10402797	C	-0.1169
rs57195546	A	-0.0814
rs11669713	T	0.0811
rs303998	G	-0.0574
rs3760743	G	-0.1101
rs4805222	T	0.054
rs75375271	T	0.1187
rs59572086	T	0.0843

rs8101891	T	0.2086
rs59449468	G	0.1081
rs62127938	A	-0.0934
rs912734	G	-0.075
rs62122620	T	0.2237
rs76292782	A	-0.1423
rs930232	A	-0.092
rs2270939	C	-0.0708
rs3745843	A	-0.0866
rs56149652	G	0.0657
rs3745826	G	-0.0545
rs146390218	G	-0.2601
rs11672985	C	0.0957
rs7258704	T	0.1961
rs4802861	C	0.0576
rs2277748	A	-0.0596
rs2052241	C	0.0789
rs79552142	T	0.1585
rs34086257	G	-0.1751
rs74202573	C	0.1387
rs72975505	A	-0.0584
rs28399642	T	0.3031
rs57079243	A	-0.0897
rs116999393	T	0.1014
rs8112108	T	-0.0644
rs76081019	G	-0.196
rs9585	T	0.0652
rs12977451	C	0.0802
rs2965156	G	0.0528
rs11667711	T	0.3675
rs75251473	G	0.2365
rs35429366	T	0.0536
rs80058612	A	-0.45
rs4012784	G	0.0825
rs115946586	C	-0.0844
rs283526	T	-0.0528
rs11666650	C	0.0568
rs113691355	T	0.2505
rs1654448	A	-0.1084
rs1058402	A	-0.1229
rs73045960	G	-0.277
rs2734459	C	-0.0727
rs11670906	T	-0.1991
rs79179496	T	-0.2556
rs75854015	G	-0.2955
rs45616834	A	-0.2286
rs28733115	G	-0.2455

rs2190798	T	0.0549
rs4802566	T	0.0526
rs8102495	A	0.0519
rs117498809	C	0.3714
rs73035918	C	0.085
rs3745333	A	-0.0767
rs56931055	A	0.1151
rs7247451	C	-0.0811
rs8111216	A	0.0549
rs1048801	G	0.0802
rs12609193	T	0.192
rs6509634	A	-0.0617
rs112584470	T	0.2354
rs1130426	G	-0.0684
rs7250430	G	0.1057
rs77997571	G	-0.2598
rs1468703	C	-0.0566
rs147026109	C	-0.3002
rs1985905	C	0.1277
rs71355881	A	0.0813
rs117685871	A	0.1907
rs117249411	T	0.2011
rs875553	T	-0.102
rs12979580	G	-0.0541
rs11086007	T	0.0547
rs1284537	G	-0.0576
rs3848528	G	-0.05
rs79961820	G	0.1881
rs142725544	G	-0.2424
rs2240160	A	-0.0908
rs11881948	T	0.0617
rs7255660	A	0.0567
rs4422092	A	0.1039
rs16992381	C	0.2554
rs8106047	A	0.0828
rs4807907	A	0.0649
rs111272489	C	0.0649
rs80257887	A	0.1592
rs147555396	C	-0.0746
rs80234796	T	0.2373
rs12981080	T	-0.1702
rs60594036	C	0.0924
rs75075660	T	0.0689
rs140263308	G	0.1783
rs4807269	T	-0.0547
rs3848561	T	-0.0557
rs12971962	G	0.0494

rs137952694	G	0.1274
rs73014410	T	0.0566
rs116972073	C	-0.1487
rs381588	G	-0.0869
rs16979231	C	0.0636
rs35767704	G	-0.3479
rs7258015	C	0.0573
rs147910350	T	-0.1586
rs756903	C	0.0838
rs61024853	C	-0.3017
rs60286743	C	0.1282
rs142596073	T	0.0766
rs311358	G	-0.0527
rs6510605	A	-0.0766
rs310684	C	-0.1058
rs12462114	G	0.2462
rs74963241	A	0.1293
rs138943940	A	-0.3273
rs79032244	T	-0.0716
rs60199162	G	-0.1619
rs62135083	A	-0.1757
rs7248382	C	0.0964
rs2303701	T	-0.2429
rs35043884	T	0.086
rs78389250	T	-0.1007
rs756904	T	-0.067
rs286290	G	-0.1798
rs2124902	A	0.1361
rs117521081	T	-0.1271
rs8099845	T	0.0837
rs62126258	A	0.0664
rs73029011	C	0.1283
rs393569	G	0.0453
rs419010	C	-0.0481
rs3213247	A	0.1106
rs7248383	A	0.0682
rs138642320	T	0.3251
rs74982068	T	0.0831
rs12972863	C	0.1151
rs12460388	T	-0.1546
rs77633920	C	0.2074
rs3947947	T	0.0512
rs7256116	C	-0.0846
rs28640938	A	-0.0626
rs3760994	A	-0.0598
rs10407051	G	-0.0768
rs36717	G	0.1219

rs12980797	G	0.2514
rs151214813	T	0.1933
rs61563008	C	-0.0547
rs79000313	T	0.0829
rs117723781	T	0.1209
rs76260948	C	-0.2139
rs62108012	A	0.0727
rs34746896	C	0.0627
rs41276846	T	-0.1368
rs2569575	A	-0.1843
rs79853693	T	0.1629
rs34307181	T	0.0758
rs4308052	T	-0.0495
rs4808883	C	-0.0528
rs113777171	T	-0.2723
rs34677175	A	-0.054
rs73633709	T	0.1981
rs149251122	A	-0.1747
rs10411862	C	0.0572
rs16996320	T	-0.0575
rs117265909	C	0.2183
rs78455130	G	-0.078
rs2267582	A	-0.0867
rs8110679	G	-0.0466
rs42316	A	0.2216
rs75637371	G	0.1927
rs11669073	T	-0.0467
rs7250800	G	-0.0722
rs311382	G	0.1232
rs10416517	A	-0.0995
rs117866688	T	-0.2701
rs34403874	A	0.1175
rs12985378	C	-0.0841
rs8108501	A	-0.0729
rs3786830	G	-0.1862
rs10407872	G	0.0535
rs112015997	C	-0.3958
rs62132807	A	-0.1317
rs4802720	G	0.0515
rs61739930	T	-0.1892
rs8100481	G	0.0638
rs55919407	T	0.0914
rs11881896	A	0.1641
rs12979175	A	-0.0881
rs7245994	C	0.0437
rs10418739	G	-0.053
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rs8109402	A	-0.1455
rs56336136	T	-0.0813
rs4327177	T	-0.2611
rs398244	C	0.1038
rs79050709	T	-0.0803
rs11879933	A	0.0551
rs3745540	A	-0.0443
rs3107911	C	0.0683
rs1620082	T	-0.0457
rs7925	G	-0.0604
rs7256145	C	0.1824
rs428755	G	-0.0468
rs17220343	C	-0.0738
rs279448	G	-0.0733
rs56303292	T	0.0508
rs7259762	T	-0.0552
rs7253296	C	-0.0772
rs113574595	A	-0.2138
rs7247711	A	0.2377
rs138890359	A	-0.2893
rs143308351	A	-0.1962
rs7408940	G	0.0866
rs148609134	C	0.2093
rs77264230	T	-0.2422
rs3752241	G	-0.0776
rs11673388	G	0.0625
rs78006641	T	-0.0676
rs77345544	T	-0.1484
rs12462333	A	0.1142
rs8106001	T	0.0499
rs718202	T	-0.053
rs75985022	A	0.1011
rs3786744	G	0.0647
rs12609269	C	-0.1127
rs11879243	A	0.085
rs2277973	A	-0.0584
rs8100196	G	0.2005
rs7255086	G	-0.0472
rs3760819	G	0.0438
rs140584112	T	0.2206
rs10419742	C	-0.0782
rs6509783	A	-0.0481
rs2006133	T	0.0542
rs7255941	T	-0.056
rs8110493	C	0.0622
rs74174308	A	0.1025
rs2070745	G	-0.0551

rs10412499	A	0.0881
rs12985737	A	-0.0874
rs1864010	C	0.1422
rs12459641	G	-0.0714
rs2569728	T	-0.0571
rs11669532	A	-0.0653
rs142078862	A	0.262
rs111696229	T	0.1519
rs10402714	A	0.0491
rs35929524	T	-0.0532
rs73050005	G	-0.1661
rs254808	T	-0.0613
rs16980975	A	-0.156
rs35602205	A	-0.2258
rs7256767	A	0.0437
rs2074453	C	-0.0511
rs11083841	G	0.0553
rs3745936	T	0.0506
rs7256590	A	-0.0458
rs7250483	A	0.1116
rs150077447	G	0.3076
rs150577929	A	0.3107
rs149750310	G	0.2922
rs34098928	A	0.1315
rs12971937	A	0.0515
rs4805666	T	-0.0495
rs11115	T	-0.047
rs1003887	C	0.0507
rs10411709	C	0.0712
rs35001809	T	-0.1787
rs2042296	C	0.0412
rs7255302	T	-0.2638
rs112389439	T	0.0932
rs35750728	A	-0.1302
rs112717323	G	0.1697
rs57985642	G	0.1076
rs11882538	G	0.0482
rs7259428	C	0.0425
rs150163812	A	-0.1667
rs12609767	T	0.0793
rs797869	G	-0.0443
rs117564334	G	-0.1045
rs143712775	A	-0.1607
rs7252949	C	-0.0453
rs292830	A	0.2479
rs12978570	G	-0.0798
rs11672145	G	0.0534

rs11673250	T	0.0432
rs73046854	C	-0.0624
rs4808608	C	0.088
rs77691016	C	-0.203
rs3916891	G	-0.1937
rs339405	A	0.0695
rs140343754	A	-0.1587
rs36101414	C	-0.2838
rs111316593	A	-0.142
rs146889968	G	-0.1929
rs3826896	C	-0.042
rs58596688	A	-0.1572
rs74718615	A	0.1232
rs4803825	G	0.0419
rs74451235	T	-0.1189
rs45485892	G	0.1362
rs73523943	T	-0.1886
rs6510987	A	-0.0901
rs118071824	G	0.3071
rs35205401	A	-0.0899
rs148253629	C	-0.1636
rs57887481	T	0.0524
rs45478502	A	0.1576
rs76207128	C	0.2888
rs117379894	A	0.1607
rs62114101	C	0.1382
rs118070825	T	0.1611
rs75345935	A	-0.1671
rs35982135	C	0.0493
rs73064080	C	-0.052
rs2384941	T	0.2203
rs144153300	A	0.0873
rs8102164	G	0.0593
rs1551551	T	-0.11
rs76618306	T	0.2856
rs8101981	G	-0.0399
rs10413761	G	-0.0571
rs203717	T	0.0486
rs2914439	A	-0.0422
rs11878278	T	-0.0517
rs58108288	C	0.0805
rs73028855	A	-0.057
rs8109933	G	0.0423
rs111779128	C	0.0882
rs8106416	C	-0.049
rs11085877	C	-0.099
rs1273505	G	-0.0589

rs10410836	C	0.0541
rs59293899	G	-0.1009
rs17220371	T	-0.2014
rs2974190	T	0.0915
rs147403841	T	-0.0449
rs3795004	G	0.0631
rs28443478	T	-0.0915
rs62116891	T	0.1053
rs4416149	T	-0.0484
rs7258069	T	-0.0502
rs10402124	C	0.0764
rs115666743	G	0.1565
rs117751029	C	-0.1942
rs3136654	G	-0.0652
rs140977069	A	-0.2025
rs62125996	A	-0.1155
rs73013863	T	-0.208
rs12459418	T	0.0479
rs147848367	T	-0.0488
rs34243734	C	-0.0449
rs7246743	C	0.139
rs115629263	A	-0.1692
rs1693294	A	-0.0422
rs11670765	T	-0.0505
rs113684717	C	0.0873
rs10405589	A	0.2236
rs148178666	T	0.2146
rs34995718	T	-0.0656
rs10401518	T	0.1166
rs113901498	T	0.0831
rs74747585	C	-0.206
rs117252589	G	0.1722
rs10402413	G	0.039
rs8106803	A	0.0536
rs1592841	G	-0.1343
rs28695898	T	-0.0746
rs7251792	A	0.0569
rs117598141	C	0.086
rs7253654	A	0.096
rs164632	T	-0.0457
rs10413450	A	0.1608
rs140650114	A	0.2265
rs117442633	A	-0.2259
rs8107100	A	0.2155
rs74182589	T	0.072
rs117746398	G	0.1888
rs144278677	C	-0.1657

rs35146110	T	0.0808
rs77366659	T	0.146
rs2231862	T	0.2016
rs10421947	A	-0.0399
rs7260417	T	0.043
rs148552124	C	0.1853
rs1716274	G	0.07
rs80115619	A	-0.1558
rs11085119	T	0.0787
rs62105698	T	0.1604
rs10410800	T	-0.1011
rs2682542	T	0.1052
rs34465381	G	0.0538
rs1867055	A	0.0435
rs11083636	T	0.0445
rs117973068	C	-0.1631
rs34743413	C	0.0634
rs12981803	C	-0.0694
rs71358823	G	0.121
rs115416981	G	0.1208
rs76981979	G	0.2254
rs149752185	T	0.2349
rs10411120	T	-0.1065
rs117154473	A	-0.2424
rs10407448	A	0.107
rs34966794	T	0.0832
rs74628226	T	-0.0615
rs312926	T	-0.0433
rs2278442	G	-0.0424
rs78813111	T	0.114
rs7507376	C	0.1097
rs71363968	A	-0.2163
rs79170326	A	0.1368
rs113428378	G	0.204
rs111269903	A	-0.1052
rs2269757	T	0.0415
rs117295109	G	-0.2606
rs117234263	G	0.2528
rs12974620	G	-0.046
rs11667976	G	0.1421
rs34145256	A	-0.1167
rs2456163	T	-0.1023
rs62108919	A	-0.1897
rs10423027	A	0.0408
rs151007869	C	0.2504
rs10417565	C	-0.0377
rs7249819	C	0.08

rs34604695	T	0.0685
rs145779866	G	0.226
rs7253955	G	0.0495
rs12973526	T	-0.1035
rs62121811	T	0.1001
rs77893602	T	0.169
rs2041194	T	-0.0434
rs740404	A	-0.0781
rs111898760	C	-0.1367
rs77771822	T	0.1717
rs12460479	G	-0.0828
rs17714761	T	0.0719
rs10419287	T	-0.3502
rs78295196	T	-0.1294
rs2078491	G	-0.0418
rs145168086	G	0.1673
rs62114097	A	0.1623
rs2546051	G	0.0391
rs8103919	C	-0.1564
rs4807664	G	0.0629
rs28446882	A	0.0632
rs912733	C	-0.0491
rs10407505	C	0.0396
rs7254202	C	0.0864
rs76792679	A	-0.2478
rs7246871	G	0.0999
rs117192923	C	-0.1502
rs2314670	A	0.0478
rs76734319	T	-0.1405
rs28605919	G	-0.0499
rs10408058	T	0.0589
rs479486	G	-0.0383
rs35929247	A	0.0426
rs8112894	T	0.1736
rs76501855	G	0.1631
rs7247498	A	-0.0596
rs12974291	G	-0.0535
rs2099356	C	-0.0387
rs147969639	T	-0.2177
rs12983699	G	-0.056
rs2293166	A	0.0377
rs35592366	A	-0.1197
rs2290284	T	-0.0584
rs145712278	G	-0.1626
rs2657934	C	0.0578
rs62118336	C	-0.1095
rs57766816	T	0.1369

rs34518977	A	0.074
rs11670097	C	-0.0387
rs73056959	A	0.1877
rs4019962	T	-0.0524
rs117696760	C	-0.1455
rs833909	G	-0.0512
rs759818	A	-0.0391
rs62116888	A	-0.0532
rs1046268	T	0.0404
rs12459336	T	0.1537
rs2296371	A	0.0411
rs1061684	T	0.0859
rs10405621	T	0.05
rs299168	A	0.0726
rs143782846	C	-0.2829
rs4802791	T	-0.0616
rs11083541	T	-0.0684
rs79789351	C	0.1386
rs692364	A	-0.0381
rs62120671	T	-0.1676
rs75683806	G	0.1392
rs302476	C	-0.07
rs8104195	T	0.0494
rs10404257	G	0.0384
rs112387158	T	-0.0815
rs11666986	T	-0.0414
rs10408515	T	0.0499
rs10410722	T	0.0394
rs4806712	T	-0.0581
rs10422751	G	-0.0388
rs73048457	C	-0.2494
rs13346314	T	-0.1446
rs141767135	G	0.2177
rs7253369	A	0.0578
rs893546	T	-0.0393
rs79781366	A	0.0887
rs114978274	A	0.259
rs73613432	T	0.053
rs4239498	A	-0.0745
rs12610973	T	-0.0396
rs62129140	A	0.1209
rs35276077	G	-0.0447
rs12462513	A	-0.0507
rs78769803	T	0.1766
rs117183681	G	0.1504
rs2078584	A	-0.0476
rs11667666	G	-0.0408

rs73029194	T	0.1998
rs12974606	T	-0.1034
rs579161	C	0.2425
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rs62119918	T	-0.0567
rs35948867	C	0.1406
rs4584952	A	0.0976
rs2124930	T	0.1056
rs12976164	C	-0.1744
rs9807812	A	-0.0499
rs752718	T	0.0424
rs35396196	T	-0.0628
rs77561492	C	-0.1391
rs12162225	A	-0.1214
rs11668544	C	-0.0957
rs28463847	A	-0.0628
rs112227086	C	0.0971
rs7257526	A	-0.0385
rs2060238	A	-0.2117
rs9636139	A	-0.0397
rs74726110	G	0.1517
rs117829523	T	-0.1977
rs139431713	T	-0.3078
rs112986631	C	0.1306
rs7255011	C	0.0404
rs75853349	T	-0.1167
rs1961721	G	0.1867
rs144040984	A	-0.2484
rs2972585	A	0.0566
rs10405294	A	0.0439
rs8109800	A	-0.052
rs62111927	C	0.1952
rs1654271	G	-0.0468
rs10406151	C	-0.0408
rs150026473	A	0.2255
rs73030120	G	-0.047
rs118088828	C	-0.206
rs16964157	G	-0.0982
rs28859427	G	0.0966
rs141092538	C	-0.2004
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rs7248203	A	-0.0423
rs4132069	C	-0.0478
rs45473393	A	-0.0915
rs80252508	C	0.0995
rs73007134	A	0.1404
rs775848	T	0.089

rs2060259	T	0.0453
rs34342452	G	-0.0493
rs16997771	C	0.1806
rs56076914	A	-0.0575
rs10424656	C	-0.1002
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rs34742044	A	-0.0581
rs11667070	A	-0.0489
rs12981770	A	-0.0461
rs112545413	A	-0.1614
rs59705998	C	0.0462
rs144203594	C	-0.1889
rs11668137	A	-0.1198
rs72490747	A	0.1483
rs113091386	C	0.0442
rs74497425	C	0.2708
rs144658491	T	-0.2725
rs17271883	T	-0.04
rs7250423	T	-0.0794
rs8110829	T	-0.0387
rs117579800	T	-0.249
rs7248036	T	0.039
rs2914442	T	-0.042
rs11537922	T	0.278
rs113811594	T	0.085
rs339526	T	-0.0457
rs117773347	A	0.2249
rs73627234	C	-0.0455
rs2385181	C	0.0356
rs1543923	T	-0.0397
rs1465697	T	-0.0404
rs3786619	A	0.037
rs7247115	A	-0.0495
rs2967500	A	0.179
rs8110249	T	0.0757
rs10402787	C	0.0469
rs146577305	A	0.2857
rs144786420	T	0.1911
rs2193502	A	0.0508
rs35889412	T	-0.1134
rs79230373	T	0.1452
rs12461943	C	-0.1073
rs74803676	T	-0.2278
rs117917538	T	0.2092
rs11878858	T	-0.1258
rs4804179	G	-0.0468
rs35835993	T	0.106

rs56278122	T	0.0426
rs2079604	C	-0.0455
rs4804401	C	-0.0379
rs113029369	T	-0.0496
rs62123152	A	-0.241
rs156674	C	0.0362
rs6511207	G	0.0372
rs76517609	T	0.286
rs329966	A	0.0394
rs143467207	A	-0.1811
rs4806895	C	0.0545
rs12984051	C	-0.0664
rs117080441	C	-0.2548
rs2387343	A	0.0476
rs11883251	C	0.0788
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rs399338	A	0.0662
rs138750865	T	-0.2417
rs4801166	C	0.0476
rs17625504	T	-0.1455
rs10417818	A	0.0709
rs6511612	A	-0.0425
rs8101605	A	0.0508
rs12980469	A	-0.0501
rs1683564	A	-0.0421
rs8110732	C	-0.2234
rs117078498	G	-0.1374
rs17717333	T	0.087
rs144769382	A	0.1726
rs113565485	A	-0.2738
rs3810297	G	0.0692
rs114337082	A	-0.2409
rs35555615	C	-0.2196
rs407243	A	-0.0562
rs7258382	C	-0.0546
rs74178306	T	0.0665
rs62122657	G	-0.0591
rs117984776	T	0.1888
rs34206793	T	-0.0542
rs34432766	T	0.0446
rs3745793	A	-0.038
rs8107758	T	0.113
rs62117992	C	-0.047
rs11881987	A	0.0469
rs10419121	G	-0.0448
rs117501850	C	0.1401
rs10418839	A	-0.0435

rs4355036	G	0.1016
rs73031732	C	-0.0569
rs11574580	G	-0.1015
rs1009158	C	-0.0415
rs78580830	T	0.1921
rs117133732	T	0.1526
rs876692	A	-0.1022
rs79673015	C	0.1366
rs57098159	G	-0.1416
rs75869727	T	-0.2339
rs2918300	T	0.037
rs2082012	C	-0.0472
rs8103945	C	-0.0492
rs12461975	A	-0.1124
rs142162635	T	-0.2108
rs11666443	A	0.0933
rs34442291	A	0.1356
rs1284535	C	0.0541
rs11667293	T	0.0401
rs7245680	A	0.0568
rs4926306	T	0.2037
rs112275618	T	-0.0764
rs17179181	A	-0.0704
rs2168632	C	-0.0362
rs4801309	C	0.1537
rs7343093	A	0.0586
rs148789692	A	-0.146
rs149901522	C	-0.14
rs1558134	C	0.0698
rs118064054	A	-0.1877
rs4802466	A	-0.0405
rs117385980	T	0.1366
rs117647194	T	0.2021
rs142588234	A	0.1594
rs11673503	C	0.0466
rs1177823	A	0.0757
rs11671180	C	0.1605
rs140063342	A	-0.1333
rs3826786	C	0.1138
rs112756467	C	0.0415
rs117605524	A	0.112
rs34588456	A	-0.3509
rs7259008	C	-0.0412
rs11668593	A	-0.0756
rs78685900	T	0.1092
rs10416550	T	-0.047
rs12609055	G	-0.0408

rs4808814	T	0.0417
rs12460111	G	0.0525
rs7409239	G	0.0908
rs7251341	G	0.0655
rs10420591	C	0.0531
rs749259	T	0.0633
rs111406374	A	0.1684
rs8105279	T	-0.0559
rs73014464	A	0.1571
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rs75837893	T	0.2281
rs143814920	G	0.0675
rs72981487	C	-0.2165
rs73520840	G	0.0516
rs140250740	T	0.1281
rs387219	T	-0.056
rs11666603	T	-0.0495
rs11669674	G	0.2733
rs10413024	G	0.0434
rs56220834	T	0.0377
rs4801849	G	-0.0495
rs4808066	T	0.0413
rs11668412	A	0.0524
rs74499708	T	0.095
rs11666201	A	0.0864
rs76374006	G	0.103
rs35603020	G	0.1062
rs434755	C	-0.0416
rs11085837	A	0.0369
rs79116425	C	0.1344
rs917707	G	0.0516
rs10401445	G	0.0379
rs73039383	A	-0.1303
rs145097436	G	-0.2674
rs74763333	A	-0.1088
rs11880688	C	-0.0449
rs12977524	G	0.0468
rs76818092	T	-0.1793
rs73052602	A	0.257
rs144026674	T	-0.1254
rs149720657	C	-0.1459
rs79282330	G	0.1297
rs139031801	T	0.096
rs75339357	T	-0.0758
rs60476644	T	-0.2396
rs141090447	C	-0.1579
rs117268622	T	-0.2144

rs11672814	T	0.0874
rs142038976	G	0.2237
rs143122559	G	-0.1445
rs2307213	T	-0.0421
rs33998519	C	-0.0603
rs73545276	T	0.1353
rs61351330	T	-0.0643
rs62115394	G	-0.0601
rs77624057	G	0.3583
rs1749316	T	-0.0617
rs10405921	T	0.0654
rs34105	A	0.0454
rs115125903	T	-0.0807
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rs58050657	A	-0.034
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rs117775198	T	0.1243
rs56264987	A	0.1424
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rs117074748	C	0.1985
rs80157981	T	-0.1357
rs8112208	T	-0.0527
rs12462060	G	0.0387
rs111769937	T	0.1078
rs57882484	C	0.0532
rs2140112	T	-0.1745
rs4807784	T	0.0827
rs8108050	C	-0.0987
rs4806771	A	-0.0762
rs10500234	C	0.0494
rs74182220	G	0.0449
rs1152239	C	0.0367
rs17728296	A	0.0492
rs58258919	G	0.1086
rs145342516	A	-0.128
rs8106216	A	0.035
rs117288213	T	0.1007
rs117346446	G	0.1433
rs4801181	C	0.0856
rs112068153	G	0.0608
rs245110	T	0.0596
rs2232004	G	-0.1062
rs3046	C	0.0341
rs12981432	G	-0.0577
rs79702979	A	0.1283
rs16007	T	-0.069

rs61515781	G	0.1653
rs62123716	A	-0.0431
rs73011458	G	-0.0433
rs138953053	G	-0.1505
rs1987411	A	0.0663
rs113554192	A	-0.2204
rs8105276	G	0.0341
rs73059190	A	-0.0572
rs118083560	A	0.1701
rs10412765	C	-0.038
rs73057809	A	-0.044
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rs145550792	T	-0.1723
rs139539106	C	0.1412
rs28422180	A	0.0633
rs73042510	T	0.051
rs117736331	T	-0.107
rs55837303	C	-0.1055
rs720922	G	-0.0658
rs55686100	A	-0.1513
rs3786953	A	-0.08
rs4801661	C	0.0878
rs78381908	C	0.1297
rs4807702	A	-0.0403
rs2042289	T	0.0612
rs8103698	G	0.053
rs113464261	C	-0.1871
rs34512401	A	-0.0552
rs12608820	A	0.0432
rs7249606	C	0.0425
rs113451515	A	-0.0842
rs62112768	C	0.0647
rs6510628	T	0.0547
rs73940129	A	0.0685
rs150316282	C	0.2186
rs2283585	T	0.1018
rs12979908	G	0.0824
rs10407144	C	-0.0447
rs11880384	T	0.0748
rs6509489	C	0.0584
rs11669754	G	0.0373
rs7508108	G	0.0727
rs62133455	A	-0.0606
rs74512438	G	-0.1429
rs143930822	A	0.2117
rs1234975	A	-0.0366
rs11084945	G	-0.0427

rs3760775	T	-0.0726
rs10422532	G	-0.0405
rs78183035	A	0.1568
rs4625830	G	-0.198
rs2431869	A	0.1176
rs148812642	C	-0.2346
rs12973221	A	0.0634
rs73045399	A	0.0566
rs8109751	C	0.0691
rs113290987	G	0.0984
rs60214906	A	0.2331
rs10416491	A	0.1249
rs73504949	G	-0.1759
rs4808220	T	0.05
rs10415081	G	-0.036
rs146660853	T	-0.2908
rs6509331	G	-0.0367
rs140919235	C	-0.2151
rs9636197	A	-0.0913
rs397281	T	0.1006
rs350820	T	-0.038
rs999560	T	0.0354
rs116991122	A	0.0845
rs79793764	T	-0.0601
rs813531	T	0.053
rs75814442	A	-0.0849
rs10403830	A	0.0463
rs7259173	G	0.0357
rs17755118	T	0.0554
rs5027755	C	0.0417
rs45533637	C	0.269
rs62120352	G	-0.0735
rs10412167	G	0.1122
rs4805031	C	0.0424
rs11670348	T	-0.0357
rs12985180	C	-0.0673
rs8109074	C	-0.0409
rs642842	C	-0.0656
rs117379662	C	-0.2353
rs79001257	G	0.1749
rs17663607	C	0.0357
rs79456666	A	-0.1526
rs142011848	T	0.2316
rs150000686	T	0.1693
rs149022640	A	0.185
rs76054521	A	0.0411
rs111518971	C	-0.0545

rs17657025	C	-0.0712
rs56333177	G	0.1839
rs12462664	C	-0.0527
rs35925872	T	-0.0373
rs3810091	T	-0.0552
rs633236	T	-0.07
rs60265749	C	-0.0554
rs8100435	T	-0.0498
rs142443097	T	-0.1284
rs34569811	T	0.1832
rs8106747	C	0.0317
rs11880140	A	0.0338
rs117904274	C	-0.1931
rs3745784	G	0.0556
rs35299463	G	0.0531
rs4808977	A	-0.1372
rs3786663	T	0.037
rs1077829	T	0.0499
rs12980486	G	0.0463
rs11084527	T	0.038
rs10425256	G	0.0407
rs2061776	T	-0.0539
rs28506894	G	-0.0888
rs2569482	G	0.0378
rs807950	A	-0.0334
rs11880065	C	0.0653
rs112352083	T	0.1414
rs77056435	G	0.1711
rs62105541	G	-0.115
rs73613404	T	0.0421
rs13382036	C	0.0924
rs77384304	C	-0.0638
rs117807559	A	0.2004
rs73012738	G	-0.0588
rs11668429	G	-0.0357
rs35405329	G	0.0492
rs76997502	A	-0.12
rs892141	A	-0.0418
rs4577202	G	0.0817
rs6510001	G	-0.0362
rs11084754	C	0.0357
rs11879657	A	-0.0432
rs2107230	G	0.0362
rs116118527	C	-0.1409
rs11085037	G	0.0475
rs117879579	A	-0.1262
rs76662694	A	0.2514

rs113020707	T	0.0992
rs73561848	C	0.0618
rs10409599	G	-0.0683
rs77053301	A	-0.0588
rs60950473	A	-0.0729
rs797889	A	0.051
rs12973672	C	-0.0385
rs73022501	A	0.038
rs117483679	A	0.1282
rs773916	T	-0.0705
rs2228069	G	-0.0329
rs1670724	T	0.0384
rs10418220	G	-0.0548
rs74842552	T	0.1067
rs2560875	T	-0.0338
rs1366245	T	-0.0393
rs3810113	A	0.041
rs62127952	T	-0.0755
rs78626419	T	-0.1361
rs2884487	C	0.0394
rs57557929	C	-0.0598
rs11564538	A	0.0718
rs118035065	T	0.1372
rs118189273	A	-0.1419
rs16970487	T	-0.0372
rs116102400	A	0.1141
rs4804038	C	0.0448
rs111571999	G	0.0475
rs7408569	A	0.0512
rs73026775	A	-0.0569
rs4809191	T	-0.0694
rs118125020	T	-0.1671
rs11882479	A	-0.0632
rs73033437	A	-0.0439
rs3087582	T	0.1403
rs117919866	A	-0.102
rs7259943	G	0.0508
rs118163475	T	-0.2477
rs73038640	T	0.0731
rs11671872	A	-0.0343
rs145025827	T	-0.1862
rs10414875	C	-0.0552
rs77505197	T	-0.1227
rs8113802	G	0.0368
rs62109562	G	0.1244
rs143284488	A	-0.2192
rs35720624	T	0.2115

rs8102192	T	0.0362
rs62144060	G	0.0422
rs7246472	A	-0.0576
rs71351726	T	-0.095
rs144141939	A	-0.2241
rs138267340	C	0.2207
rs1727740	T	0.0468
rs4383259	A	0.0463
rs78437803	G	-0.1428
rs35139016	C	-0.0325
rs75331415	A	0.0573
rs4630665	G	-0.035
rs2248265	A	-0.0515
rs79684932	C	0.1195
rs10416395	C	0.0474
rs62109205	A	0.0665
rs77656144	G	-0.0701
rs57523558	T	-0.0901
rs41290110	A	-0.1644
rs1859948	T	-0.1068
rs139220941	G	-0.1988
rs117758647	A	0.0834
rs74636811	A	0.0935
rs75522428	T	0.2149
rs80096436	T	0.0528
rs73609070	G	0.0733
rs117979175	T	0.133
rs76912381	A	0.2072
rs8100600	A	-0.0529
rs73046859	C	-0.1582
rs12609530	T	-0.0361
rs145684261	G	-0.3086
rs117204018	A	-0.1441
rs1862496	T	-0.0952
rs10413919	A	-0.0377
rs12980996	A	0.0332
rs17625222	T	-0.0308
rs62110432	A	-0.1044
rs16960199	A	0.0917
rs34095853	T	0.0832
rs77626230	T	-0.0939
rs149529419	A	-0.1901
rs10405477	C	0.0677
rs61703163	T	-0.0847
rs140734698	A	0.1666
rs55846117	A	0.1833
rs62101949	A	0.0558

rs550471	A	-0.1281
rs117789739	T	-0.2289
rs74390573	T	0.208
rs147812172	C	0.1029
rs1812307	A	0.0346
rs34541442	A	-0.2515
rs79178101	T	0.0988
rs4802306	T	-0.0522
rs35844933	C	-0.0565
rs79860339	C	-0.1144
rs75415216	G	0.0624
rs11667638	A	0.0327
rs372332	G	0.0362
rs10416636	A	0.0716
rs9305039	C	-0.05
rs111695636	A	0.2938
rs403526	C	-0.0556
rs62120859	A	-0.1008
rs144643540	T	0.264
rs118133597	A	-0.0763
rs3852876	G	0.0342
rs13344919	T	-0.0833
rs115017227	A	-0.1379
rs2742061	A	0.065
rs2656929	C	-0.0637
rs11673488	C	-0.0378
rs7253459	G	0.0807
rs73516072	T	-0.1401
rs7256714	C	0.048
rs9304745	A	-0.0985
rs140469219	A	0.1252
rs74602839	A	0.1604
rs73006036	C	0.0927
rs78509894	A	0.097
rs1013441	T	0.05
rs35624673	T	0.0332
rs4807251	G	0.0497
rs8112380	G	-0.0349
rs2249782	G	-0.0314
rs1363938	C	-0.0688
rs10425428	A	-0.0439
rs112464508	A	-0.1617
rs1800471	G	-0.0672
rs34469429	C	-0.0368
rs7508393	C	0.0322
rs1077667	T	0.0419
rs4806741	G	0.0386

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rs16962968	G	0.0556
rs2305107	A	0.0524
rs10414212	C	-0.0746
rs10500256	G	0.0464
rs7259542	G	0.0373
rs141195430	A	0.1629
rs71354019	C	-0.067
rs73015298	C	0.096
rs466452	A	-0.0435
rs72998661	A	0.1533
rs62109961	T	0.0864
rs73592891	A	0.1339
rs2659091	A	0.0333
rs116979442	G	-0.1709
rs117197234	A	0.2652
rs11672738	C	0.0328
rs10419832	C	0.0607
rs34975661	A	-0.2061
rs79713772	T	0.0835
rs17716220	A	-0.0936
rs12610043	A	0.0424
rs8100418	T	-0.0342
rs34907579	A	-0.0354
rs12609890	G	-0.0719
rs308198	T	-0.0503
rs73028454	A	-0.0821
rs1560099	C	-0.0433
rs16974961	T	0.0714
rs73016572	T	-0.0941
rs11671497	T	-0.071
rs2335133	C	-0.0349
rs117376574	T	-0.0976
rs2946844	C	-0.0449
rs117242472	A	0.2511
rs6512147	T	-0.0452
rs2080621	A	0.0483
rs6508770	A	0.0392
rs4897961	A	0.04
rs117422340	A	0.1808
rs114197427	T	0.1115
rs2049785	G	-0.0345
rs11878528	G	-0.0388
rs76068669	G	-0.0422
rs400914	A	0.0613
rs150675940	G	0.0661

rs112475085	G	-0.0386
rs62117667	A	-0.0941
rs8102902	G	-0.0411
rs73029691	T	0.1909
rs2082420	G	-0.0439
rs4803259	T	0.0353
rs7258505	A	-0.0374
rs117244518	G	0.1238
rs6509757	T	0.0416
rs4803847	C	-0.2003
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rs11547760	A	-0.1153
rs8111930	A	0.0501
rs114264188	C	-0.1221
rs62143163	T	-0.0496
rs67483025	T	-0.0364
rs2547318	G	0.0347
rs77406303	G	0.1052
rs149425860	T	0.1816
rs7257395	A	-0.2288
rs2010172	A	0.0536
rs17325358	T	0.0603
rs73935209	A	0.1047
rs113167793	C	-0.1145
rs79522004	C	-0.1266
rs909137	T	-0.0541
rs77568177	T	0.0747
rs6509613	C	-0.0812
rs4371271	C	-0.0357
rs60199045	A	0.0395
rs11084906	G	-0.0405
rs917415	C	0.0363
rs117188971	C	-0.1503
rs321961	T	0.0334
rs564973	A	0.2294
rs62122441	C	-0.0902
rs10084116	G	0.0489
rs4801283	T	-0.0332
rs62116492	T	-0.0373
rs1799788	A	-0.0763
rs118052092	T	0.1614
rs77377417	G	0.0796
rs79775625	G	-0.1308
rs142236807	T	0.1627
rs10423092	G	0.0604
rs886137	G	0.0319
rs4803297	T	-0.03

rs2301742	T	-0.032
rs8105530	C	-0.0338
rs2305775	T	-0.0376
rs12971444	C	-0.0545
rs12984126	G	-0.0306
rs56195015	T	-0.06
rs34822862	A	-0.0464
rs11880997	G	0.0775
rs11881130	G	0.1179
rs10406324	G	0.0984
rs12609411	G	0.0458
rs1042728	G	-0.0581
rs61732905	C	-0.2593
rs149108931	T	0.2351
rs73033934	T	0.1136
rs10411082	A	-0.0379
rs4239552	T	0.0399
rs117665563	T	0.0882
rs4570994	A	-0.0352
rs173428	A	-0.0309
rs2561567	C	-0.0322
rs11666789	T	-0.0312
rs11671874	C	0.0405
rs73045278	G	-0.0831
rs149745801	T	-0.1724
rs34501799	G	0.0557
rs8104304	G	-0.0557
rs10854135	C	-0.0342
rs4807663	T	0.1137
rs696839	G	-0.0485
rs79837859	G	-0.0481
rs12983810	C	0.0362
rs76888071	T	0.1868
rs142014070	G	0.2448
rs35801806	G	0.0753
rs78454035	A	0.2566
rs7259090	A	-0.0613
rs430092	T	-0.0428
rs71339160	T	-0.066
rs138401884	T	-0.1408
rs144042125	A	-0.086
rs11879910	T	0.053
rs55954014	T	-0.114
rs150089640	C	0.0695
rs1865956	T	-0.0578
rs144867969	T	0.1975
rs113069710	G	0.0918

rs12972533	G	0.0958
rs10420328	G	-0.0421
rs7256985	G	-0.03
rs148805903	T	0.1151
rs10425725	C	-0.0322
rs4805229	T	-0.0338
rs73005286	G	0.1114
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rs7408396	C	0.0532
rs12985250	A	0.0401
rs4808673	C	-0.0648
rs11085497	C	-0.041
rs12974636	G	0.0499
rs8105149	T	-0.11
rs62113179	A	0.0589
rs78754690	A	0.1817
rs77472192	T	-0.091
rs117419635	G	0.1636
rs12980105	T	0.0369
rs145200171	T	0.0914
rs28385470	A	0.0588
rs12463356	T	0.0673
rs4353573	A	0.0646
rs79391487	T	-0.0795
rs506425	C	-0.0332
rs10418842	T	0.0527
rs74809203	T	-0.1005
rs4805289	A	-0.031
rs77981981	T	0.1013
rs7250371	T	-0.0333
rs143708689	T	0.1986
rs10439152	T	-0.0392
rs11673142	C	0.0314
rs56319338	C	-0.1044
rs7257342	T	0.0526
rs11879893	C	-0.0565
rs148402278	A	0.1791
rs2335859	G	0.047
rs148033824	T	0.282
rs71333232	A	0.0521
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rs17654300	C	0.0345
rs117240340	T	-0.1356
rs73010720	G	-0.0923
rs117651296	T	0.1444

rs73006337	C	0.0989
rs2287869	G	0.0298
rs12977065	T	0.0983
rs9305002	G	-0.0644
rs28526481	G	0.0599
rs4804998	C	0.0384
rs7246559	A	0.0662
rs35551419	T	-0.0404
rs112331796	T	-0.0492
rs55989964	G	-0.1185
rs7253180	G	0.0858
rs12978912	C	0.0306
rs62122570	A	-0.0571
rs75645652	C	-0.0669
rs113830047	A	-0.2228
rs144734748	A	0.0932
rs324126	T	0.0298
rs887279	A	0.0583
rs116992561	C	0.0923
rs150972971	G	0.1363
rs17763599	T	-0.0358
rs1270262	T	-0.0445
rs78382468	T	0.0496
rs140861063	A	0.1522
rs8100302	T	0.0473
rs56388321	T	0.033
rs4802080	A	0.086
rs80124263	G	-0.099
rs139109387	T	0.1177
rs12104159	A	-0.1133
rs4047206	T	-0.0575
rs2738461	T	0.0401
rs62112149	T	0.0509
rs34481423	A	-0.0405
rs2913968	C	-0.0351
rs1048909	A	0.0394
rs138475720	A	-0.182
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rs35878582	T	-0.0768
rs7257150	A	-0.1412
rs150932585	A	-0.344
rs703477	T	-0.048
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rs146835980	G	0.184
rs7253860	T	0.0386
rs7254318	A	0.0302
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rs1041992	T	0.0929
rs74921826	T	0.0624
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rs143180616	C	-0.159
rs4805400	A	-0.0356
rs17247661	C	0.0484
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rs3212783	C	-0.0462
rs12460000	G	0.0871
rs61486719	C	0.1039
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rs2290650	G	0.0434
rs7254007	G	0.0325
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rs117982956	A	-0.1938
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rs76044809	T	0.1567
rs8110228	A	-0.0415
rs11880491	G	-0.0818
rs35267146	G	0.0364
rs12462817	A	-0.0302
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rs113529123	C	0.143
rs113541354	C	-0.1268
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rs141826060	A	-0.0618
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rs116945279	A	-0.0936
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rs7246516	T	-0.0537
rs12978289	A	0.0378
rs2023528	T	0.041
rs1996423	C	0.0735
rs148696544	A	-0.1552
rs73608677	A	-0.0456
rs116889697	A	0.149
rs11672399	A	-0.0579
rs146995981	T	0.0714
rs78219104	T	-0.0955
rs75874901	A	0.0584
rs77974138	T	0.1861
rs140061860	C	-0.158
rs12980559	T	0.2207

rs34483923	T	-0.1691
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rs58129651	T	-0.066
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rs2562510	C	-0.0364
rs1236711	C	0.0287
rs4439888	A	0.1991
rs73020490	A	-0.0718
rs2617698	A	0.0449
rs62112647	G	0.0492
rs62134663	G	-0.0425
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rs12972624	A	-0.0785
rs35209882	C	-0.075
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rs55942656	T	0.0368
rs73536723	A	-0.2701
rs8102090	G	-0.0689
rs73070113	T	0.0771
rs12610376	A	-0.0521
rs117684291	T	0.0799
rs329708	T	0.0389
rs72989022	T	0.0688
rs11671472	A	0.2033
rs10408671	A	0.0776
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rs6509405	C	-0.0326
rs8109066	C	-0.0873
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rs77524195	C	-0.0825
rs2231935	G	-0.0326
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rs886243	A	0.0436
rs77014405	T	-0.1131
rs3795051	A	0.1045
rs73015225	T	-0.1078

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rs149875761	C	0.0997
rs35101205	A	0.0293
rs4802323	T	-0.055
rs17265865	G	0.1119
rs11085745	A	-0.1541
rs73044104	G	-0.088
rs2547437	C	-0.0711
rs4802527	G	0.0445
rs12983268	A	-0.0306
rs2335076	C	-0.0322
rs73015030	A	0.1009
rs73056645	T	0.0483
rs16960092	A	-0.0868
rs114713026	A	0.0415
rs78592212	A	0.0541
rs16983230	G	0.139
rs113545020	T	0.1474
rs118114113	T	-0.1389
rs429740	T	0.0366
rs7252558	C	-0.0324
rs450819	G	-0.0535
rs159867	C	0.0773
rs117317981	A	-0.1098
rs60877783	A	-0.0335
rs33851	C	0.0323
rs118094257	A	-0.155
rs452410	A	-0.1398
rs62106165	T	0.0346
rs8113398	G	0.0457
rs8108920	A	0.1026
rs117109209	C	-0.1738
rs11555272	C	-0.101
rs62116769	C	-0.1106
rs12979442	G	0.0371
rs55836620	C	-0.1522
rs9630876	T	-0.0601
rs8112774	A	0.0648
rs137977709	G	-0.1911
rs143752962	A	-0.1635
rs117009455	C	0.1538
rs571791	T	-0.057
rs149612378	C	-0.1519
rs67970852	A	-0.2303
rs36024941	G	-0.0433
rs28529466	T	-0.1797
rs28718349	G	-0.0414

rs73522859	A	0.2021
rs35867611	A	-0.0573
rs283158	A	0.0589
rs10420775	G	0.083
rs149103351	A	-0.0669
rs111647441	A	-0.2072
rs1834986	T	0.1202
rs117453761	C	0.1101
rs3729767	A	0.0671
rs113296064	C	0.1692
rs6509262	G	-0.0299
rs77597568	A	0.0616
rs76757527	C	0.0696
rs2683030	T	-0.0706
rs565801	T	-0.0289
rs10405171	A	-0.0356
rs1835987	T	-0.174
rs7256275	A	0.103
rs16973403	A	-0.0653
rs34536443	C	-0.0789
rs142766525	T	0.1761
rs2009341	A	-0.2766
rs8104142	T	0.1938
rs56796910	C	-0.0414
rs11667330	A	-0.0448
rs118155315	T	-0.1051
rs12462702	T	-0.0408
rs344559	C	-0.0475
rs113625260	T	-0.1262
rs142906702	T	0.1323
rs10425205	C	0.0471
rs35851152	A	-0.0615
rs58857187	C	0.0282
rs80308538	A	0.0449
rs346524	C	-0.0331
rs2524358	T	-0.0417
rs116875033	C	-0.0677
rs117490768	A	-0.1044
rs28513	A	0.0286
rs10408385	G	0.0411
rs79747498	A	-0.1486
rs6511357	A	0.0294
rs149719748	G	0.1499
rs2230611	A	-0.052
rs73940679	G	-0.0538
rs62119310	G	-0.0389
rs6509596	T	-0.0348

rs7255945	T	-0.0787
rs139523609	A	-0.1214
rs735318	A	-0.0863
rs114168991	T	-0.1557
rs73029679	C	-0.1295
rs71354198	C	0.0803
rs2043328	C	-0.1381
rs73048047	A	0.1431
rs2967693	C	-0.0549
rs117937144	T	0.1139
rs34852629	C	-0.0286
rs1989721	C	0.0328
rs111271029	C	0.0706
rs43211	T	-0.0352
rs2288956	T	0.0409
rs4808689	G	0.0304
rs117745740	G	-0.0976
rs2271055	C	-0.0379
rs8110698	G	-0.0355
rs113844540	C	0.12
rs62103089	T	-0.038
rs55895523	T	0.0444
rs145819982	A	-0.0671
rs117726696	A	0.1033
rs17638167	T	-0.0682
rs961499	T	-0.0311
rs12608980	A	0.0699
rs11666601	A	0.0472
rs76428105	T	-0.1175
rs7255692	T	-0.1056
rs4804058	T	-0.0393
rs58683379	A	0.0596
rs77962916	A	0.1888
rs138238959	G	0.1632
rs143979135	C	0.1623
rs149436861	C	-0.1442
rs12975006	T	-0.0491
rs77158894	G	0.1278
rs3786802	T	0.1053
rs150580855	T	-0.1765
rs3786664	T	-0.0414
rs2613778	T	0.0571
rs7246110	G	-0.0417
rs1165840	T	-0.0299
rs10423396	C	-0.1034
rs7259011	A	-0.1237
rs242574	T	0.0277

rs474724	C	0.1585
rs12461743	A	-0.1291
rs112655142	G	0.0515
rs1140828	A	0.048
rs8105988	T	0.0317
rs28411318	T	0.0876
rs62108181	A	0.1932
rs12151172	A	0.0602
rs144969793	G	-0.0943
rs111925319	A	-0.1925
rs78203559	C	0.133
rs76107209	T	-0.0725
rs111485053	T	-0.0707
rs58823991	A	0.0417
rs73063458	T	-0.189
rs59157740	T	-0.0723
rs405443	A	-0.0394
rs10403788	C	-0.0753
rs387083	A	-0.0294
rs167386	G	-0.0424
rs10416724	A	-0.0475
rs62135330	T	0.0404
rs111566976	C	-0.1978
rs28815307	G	0.0444
rs11490542	A	-0.038
rs401522	A	-0.0669
rs55704503	A	0.0758
rs28684537	T	-0.0742
rs78739451	A	0.0679
rs2240931	A	-0.0652
rs2913981	T	0.0343
rs11879978	A	0.077
rs150811410	T	-0.0973
rs73054899	T	-0.0885
rs2708740	G	0.0381
rs112692483	T	0.1127
rs7256672	G	-0.0308
rs637011	T	0.0329
rs1127821	C	0.0342
rs1645788	G	0.051
rs166252	T	-0.0425
rs76894839	A	0.1143
rs4803689	T	0.033
rs13866	T	-0.032
rs74767226	A	0.1563
rs12971298	T	0.0475
rs8111163	A	-0.0332

rs111316975	C	-0.0807
rs3897851	C	0.0949
rs111974302	T	-0.0855
rs12983389	A	0.0308
rs2311004	T	0.0284
rs73052441	T	0.0848
rs7258582	T	-0.0317
rs1749318	A	-0.082
rs148950464	T	-0.1576
rs11084310	C	0.0397
rs2905565	G	-0.0379
rs7249537	C	0.0475
rs6510522	G	-0.0348
rs116917825	T	-0.0946
rs17836409	T	-0.0523
rs35582075	A	0.0592
rs392720	G	-0.0683
rs77994389	G	0.0842
rs10854117	A	0.0301
rs11084182	G	0.0293
rs3786949	A	-0.0532
rs79182125	T	0.1124
rs552163	C	-0.0337
rs4805038	T	-0.0283
rs8109438	G	0.0692
rs78137572	C	-0.0628
rs112964754	A	-0.1686
rs34998417	A	-0.0441
rs77975482	A	-0.041
rs147255904	T	0.1497
rs3761041	T	-0.0436
rs117552735	T	0.2168
rs8101486	C	0.0469
rs7256393	T	0.0314
rs9749200	T	-0.0385
rs73016437	T	0.1026
rs7252743	T	0.0329
rs138281685	A	0.167
rs10420817	C	0.041
rs1661929	C	0.0477
rs145160155	A	-0.0673
rs74784672	T	0.0978
rs57750296	A	0.0774
rs2957327	G	-0.0869
rs8101727	T	-0.0298
rs145155733	T	0.087
rs1991723	A	-0.0302

rs149181943	T	0.1534
rs1671168	C	-0.0307
rs139480937	C	0.148
rs7255438	T	-0.0495
rs59194140	G	-0.0936
rs8106589	A	-0.1574
rs117672278	G	0.1313
rs2360006	T	-0.0341
rs62108895	G	0.1246
rs73028824	A	0.1282
rs141297677	C	-0.1746
rs35880269	C	0.0408
rs79307501	G	0.0937
rs10846	A	-0.0445
rs35203778	A	0.1415
rs7507610	A	0.0463
rs147675829	A	-0.1408
rs4805801	T	-0.0374
rs2305802	A	-0.0269
rs12461630	A	0.0516
rs4806754	G	0.0474
rs8107130	C	0.0346
rs75853494	C	-0.0389
rs10412737	C	0.0408
rs6511903	C	0.0299
rs111636222	A	-0.1057
rs140235990	T	-0.1001
rs2082450	G	0.0583
rs1962979	T	0.0326
rs73040239	A	0.0589
rs8104821	A	0.0316
rs10415328	T	-0.05
rs11084426	A	-0.0341
rs6509899	A	0.0505
rs58115495	T	0.0636
rs118038269	T	0.0847
rs12462372	A	0.0681
rs10409916	G	-0.1125
rs7256786	T	0.0272
rs34913708	C	-0.0501
rs117572168	A	-0.1358
rs35428586	T	0.0375
rs350859	T	0.0407
rs8100802	A	0.0351
rs112227592	A	-0.0603
rs7250362	C	0.0325
rs113355760	T	0.0695

rs77036225	A	0.0324
rs755000	G	-0.142
rs41517950	A	-0.1916
rs75900619	T	-0.0776
rs3810374	T	-0.0585
rs17438280	C	-0.0847
rs3746118	T	-0.0327
rs113541609	C	0.1911
rs2250978	T	0.0643
rs7259981	A	-0.035
rs12463344	C	0.0596
rs7251717	C	-0.0692
rs35692207	G	0.0278
rs7257109	A	0.028
rs71358943	T	-0.1015
rs75255098	G	0.0647
rs12459321	A	-0.0334
rs78029818	A	0.0418
rs12608549	T	0.1289
rs62129317	A	-0.1244
rs1027453	C	-0.0277
rs34605692	A	0.106
rs7248417	T	0.0466
rs2974216	A	-0.0413
rs62116189	A	-0.0665
rs75340134	A	-0.137
rs111793091	A	-0.044
rs432643	C	0.0597
rs74874129	C	0.0503
rs1644728	A	0.0346
rs147419599	T	0.1254
rs144097942	A	-0.1942
rs60469528	G	0.0562
rs311789	G	-0.043
rs73550322	A	-0.08
rs11882898	G	0.0864
rs35387182	G	0.0849
rs138820087	T	0.1241
rs35150881	G	-0.064
rs118043010	T	0.1033
rs550535	A	0.0795
rs67321966	T	-0.0504
rs59278521	G	0.1108
rs62107379	A	-0.1293
rs57387991	A	0.0728
rs2286435	T	-0.0547
rs34884678	C	-0.0289

rs2082476	T	-0.1176
rs34380919	T	-0.0679
rs62127287	A	0.081
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rs77840289	T	-0.1278
rs10421907	A	-0.0326
rs75465285	T	-0.0776
rs7252735	A	0.0429
rs9789319	T	0.0274
rs144642188	C	-0.1306
rs7246856	T	0.0296
rs4316879	G	-0.0446
rs147706800	A	-0.2326
rs34912772	C	-0.0581
rs62108531	G	-0.0451
rs58046024	A	0.0364
rs62132207	T	-0.0553
rs635711	T	0.0427
rs1465557	A	-0.0279
rs34823013	T	0.0363
rs2190832	T	0.0267
rs58580682	G	0.1277
rs117297812	A	0.1075
rs3889147	T	-0.034
rs2278260	T	-0.0264
rs11668191	A	0.0481
rs3826793	T	-0.0786
rs113393290	G	0.0522
rs35902786	T	-0.0401
rs78727418	A	0.0475
rs62115395	T	-0.0757
rs62118302	T	0.1528
rs150060081	A	0.0816
rs8104877	G	0.0384
rs117425400	C	0.1027
rs11670339	G	-0.0681
rs4341854	A	-0.0695
rs10402813	G	-0.0384
rs72989977	T	0.0388
rs113297982	C	0.0772
rs117261063	C	-0.0788
rs11670447	A	-0.0731
rs6510502	C	0.0464
rs314669	A	-0.0268
rs8111710	T	0.0344
rs62114259	A	0.0984
rs10420517	C	0.0439

rs61742630	T	0.0767
rs151285628	T	0.1018
rs62130270	T	-0.0305
rs4806718	C	0.0389
rs117088198	A	0.0772
rs12608903	G	0.0467
rs57162402	A	-0.1514
rs1978612	G	0.0283
rs2866461	A	0.057
rs143861034	T	-0.097
rs254261	A	0.1374
rs62135324	A	0.1398
rs9304881	T	-0.031
rs2170013	A	0.0637
rs12609937	A	0.0673
rs113066557	C	0.0507
rs7258272	A	-0.1231
rs147915889	C	0.1838
rs2241592	A	-0.0344
rs116867738	A	0.1192
rs12981632	A	0.1618
rs11883325	T	-0.0398
rs112769637	C	0.0782
rs28620329	G	-0.0352
rs75653026	A	-0.0976
rs329726	C	0.1325
rs3810136	A	-0.0518
rs117734617	T	-0.1782
rs73554696	T	0.1623
rs2301617	T	-0.0343
rs56720508	G	0.048
rs4808735	G	-0.0402
rs34447090	A	0.112
rs73629827	A	0.1684
rs11671925	A	-0.0392
rs73514167	G	-0.0588
rs2074917	C	0.0788
rs10409981	T	0.0636
rs118024974	C	0.1061
rs117375362	G	-0.0804
rs10422666	A	0.1106
rs8107411	T	0.0327
rs117003019	A	0.0719
rs12971321	C	-0.0276
rs272415	A	-0.0867
rs16968855	A	-0.0611
rs78389728	C	0.0797

rs1978223	A	-0.0414
rs2302219	A	0.0647
rs8100862	A	0.0452
rs72618589	T	-0.1437
rs149789362	T	0.0723
rs7248022	G	0.0545
rs11666258	G	-0.0278
rs145745626	T	0.0657
rs2139720	T	0.0302
rs62116845	T	-0.136
rs112979903	G	-0.106
rs17001450	A	0.0609
rs116875108	G	-0.1805
rs62121065	A	-0.0503
rs279223	G	0.0605
rs10330	A	-0.0427
rs77038859	A	0.1079
rs73034152	C	-0.0848
rs3111573	T	-0.0635
rs13250187	G	-0.1086
rs8101550	G	0.0305
rs2159561	A	-0.0331
rs72985483	A	0.0331
rs73506161	T	-0.037
rs2353205	A	-0.0481
rs140965448	A	0.177
rs62117400	G	0.1528
rs10415225	C	0.1033
rs76943613	A	0.0535
rs113223750	G	-0.0447
rs112414575	C	0.0302
rs75011115	T	0.1836
rs12985607	G	-0.0276
rs10406350	C	-0.0541
rs11881002	T	-0.0939
rs114268653	T	-0.0959
rs11881888	A	0.0323
rs11083620	G	0.0365
rs73009436	A	-0.0339
rs8109890	C	0.0273
rs115576840	G	-0.106
rs10409868	G	-0.0326
rs11670020	G	-0.0371
rs4427936	T	-0.0284
rs79871265	G	-0.0863
rs60089155	G	0.1207
rs58212111	T	0.2439

rs759073	C	-0.0351
rs12462747	C	-0.0955
rs8100345	T	-0.0406
rs55893269	C	0.0951
rs73035895	C	0.0428
rs740871	G	0.0269
rs11673539	A	0.0457
rs56283881	T	0.0403
rs6509986	C	0.0382
rs116930831	T	-0.2111
rs4575643	G	0.1288
rs16983744	G	0.0599
rs111752090	A	0.183
rs117283285	T	0.179
rs12985718	C	0.0404
rs61743955	A	0.0686
rs56388602	A	0.0647
rs117527073	T	0.1643
rs11083635	T	-0.0287
rs60504640	T	-0.0702
rs10421639	A	0.0456
rs45545635	C	-0.0321
rs79548089	T	-0.1395
rs117998318	T	0.1305
rs117306842	G	-0.0823
rs4804272	C	-0.0548
rs62121329	G	0.0336
rs353977	G	0.0291
rs10405038	G	-0.0411
rs78800097	A	-0.099
rs2656915	C	-0.0367
rs2967738	A	-0.0521
rs62115030	G	0.0403
rs10413142	G	-0.0694
rs10423119	C	0.0268
rs141498529	A	0.0893
rs117263078	A	0.0941
rs75400449	A	-0.1725
rs112272593	C	0.1
rs1651544	T	-0.0479
rs2362140	T	-0.0517
rs11666521	C	-0.0293
rs111590167	T	-0.0765
rs35289788	T	0.1031
rs723669	A	-0.0392
rs61320246	T	0.0696
rs138105821	A	-0.113

rs595748	A	0.0529
rs12463136	G	0.104
rs117348772	A	-0.1545
rs606851	A	0.0427
rs16966806	G	0.148
rs113286222	T	0.0522
rs74615878	G	-0.1054
rs10417017	T	-0.0314
rs144555266	A	0.1821
rs8099879	A	-0.0329
rs56683608	T	0.0466
rs10422185	C	0.0261
rs41290988	C	0.146
rs59729005	A	-0.061
rs142986394	C	-0.0524
rs34785289	G	0.0346
rs76569620	T	0.0839
rs56238830	T	-0.0553
rs147950657	A	0.0699
rs12150965	A	-0.0407
rs8102805	C	-0.1588
rs35337531	T	-0.1173
rs146536834	T	-0.0656
rs60589787	C	0.1915
rs4802436	G	0.0316
rs72997581	A	0.0742
rs8100582	T	0.0311
rs73045035	A	-0.0303
rs6511701	A	-0.0363
rs4803098	T	-0.0708
rs247769	C	-0.1504
rs112466356	G	0.1861
rs7257505	C	0.0493
rs72996172	T	0.1042
rs4804806	A	0.0411
rs12977273	C	-0.0315
rs10426550	C	-0.0344
rs204552	C	0.1238
rs2098633	C	-0.0517
rs77463324	T	0.1079
rs2708706	C	-0.0485
rs35648008	C	-0.0416
rs117876972	A	0.0632
rs111266174	T	0.0325
rs1467941	T	0.0361
rs143285302	G	0.0491
rs11880223	T	-0.0372

rs111958515	T	0.2044
rs28398273	G	-0.0337
rs8108116	A	0.0293
rs75080963	T	-0.1747
rs10415156	A	0.0297
rs4405674	G	-0.0391
rs117932891	T	0.1566
rs2965174	A	-0.0259
rs12983310	C	0.1035
rs145024979	C	-0.1366
rs8106832	C	-0.0267
rs1390753	C	0.0369
rs2162891	C	0.0335
rs147996165	T	0.0644
rs61147844	A	-0.041
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rs62118211	A	0.067
rs78974166	C	-0.0457
rs4807089	C	0.0327
rs7508123	A	-0.0798
rs117967160	C	0.1135
rs2363863	T	-0.031
rs12460096	A	-0.0983
rs10419476	C	0.0828
rs142930583	C	0.0791
rs7251357	A	0.0317
rs111962098	A	-0.0443
rs62125969	T	-0.0563
rs73000800	T	-0.0735
rs78900208	A	0.0585
rs35523266	G	-0.0339
rs12986267	G	-0.0504
rs12151350	T	0.0489
rs142405810	T	-0.0637
rs73036937	T	-0.0397
rs25480	T	-0.1577
rs12978785	C	-0.0495
rs75451727	G	-0.0658
rs8109621	A	-0.0338
rs74258171	C	0.0376
rs10401277	C	0.147

rs4801686	A	0.0807
rs111277992	A	0.0925
rs6510715	C	-0.0965
rs12460816	C	0.0429
rs138062921	A	-0.1871
rs117101346	A	0.1328
rs4001941	A	0.0325
rs10418836	G	-0.0479
rs11670518	A	0.0446
rs8103958	T	0.0569
rs141989097	T	-0.0533
rs7249963	C	-0.1041
rs12985441	G	-0.0259
rs117765308	T	-0.0823
rs111353814	A	-0.1237
rs6509677	C	0.0365
rs7258156	G	0.0263
rs7258655	C	0.0275
rs75267999	T	-0.0595
rs59785584	C	-0.0613
rs34621703	T	0.1065
rs17597505	T	-0.1167
rs1865043	T	-0.0819
rs75601326	T	-0.0961
rs16968313	C	0.0497
rs78944208	A	0.0738
rs140724071	T	-0.1576
rs62119016	C	0.0764
rs61373376	T	0.0348
rs1001281	C	0.0325
rs413628	G	-0.1557
rs4804375	A	0.0394
rs116982584	A	0.1267
rs4806370	A	-0.0751
rs78675029	A	0.1097
rs74804009	A	-0.1206
rs11666966	C	0.0331
rs117588404	A	-0.1309
rs4808787	G	-0.0496
rs1476707	A	-0.118
rs78235251	G	-0.1194
rs12975938	C	0.0355
rs2392769	G	0.0379
rs12611259	G	-0.0312
rs11667861	G	-0.0526
rs62124650	A	0.0745
rs11667669	G	-0.0747

rs116857887	T	0.0866
rs150621305	C	-0.1018
rs11879819	A	0.0753
rs6511432	C	-0.0756
rs111698085	C	0.1097
rs12462131	T	0.0668
rs58217040	T	0.0501
rs8106720	T	0.0722
rs12461113	A	-0.1752
rs878685	T	-0.027
rs111508420	T	-0.0843
rs148190307	C	0.1598
rs7258339	C	0.0416
rs76837703	T	-0.0558
rs61743049	G	0.1062
rs2604880	T	0.0275
rs12980122	C	0.0639
rs62122592	G	-0.029
rs1030688	A	-0.0265
rs2571173	C	-0.0298
rs13346555	T	-0.0754
rs8106487	A	0.118
rs12459842	T	-0.047
rs10421179	A	-0.0298
rs10407741	T	-0.1252
rs10418767	A	0.0807
rs117478805	A	-0.1251
rs72975361	G	0.0291
rs10422150	T	0.0322
rs116975974	T	-0.1253
rs2384693	G	-0.0362
rs150798174	G	0.1202
rs862709	A	0.1145
rs2078949	A	0.1919
rs138320769	A	-0.1331
rs72626245	G	-0.0827
rs12982472	T	-0.0315
rs4804850	T	-0.1606
rs12984962	C	0.0348
rs1423053	G	-0.071
rs112290142	A	-0.0281
rs4807793	G	0.0296
rs75353720	T	-0.0739
rs329742	G	-0.0633
rs73010977	A	0.046
rs142184850	T	-0.1677
rs73031844	T	0.0565

rs76483217	A	0.1529
rs66715357	T	-0.055
rs12462650	G	-0.0437
rs10412317	T	0.0254
rs12610638	T	0.0451
rs34254049	T	-0.0618
rs80198180	T	0.1297
rs75856262	A	0.106
rs4760	G	-0.0569
rs2098003	G	-0.0396
rs4803974	A	0.0297
rs2238595	A	-0.1035
rs62123342	C	-0.0809
rs62120572	T	-0.0602
rs111356009	T	-0.1235
rs61036582	T	-0.0444
rs34854395	A	-0.0885
rs73038402	G	-0.0395
rs56066695	G	-0.0523
rs34570675	A	-0.1068
rs17195267	T	0.027
rs12974834	C	0.0395
rs77733024	T	0.1494
rs8110367	C	0.027
rs75253028	G	-0.0427
rs115765377	G	0.0887
rs1946249	C	-0.0397
rs4926264	T	-0.0521
rs144696853	G	0.0513
rs146067264	A	-0.0566
rs10407266	A	0.0279
rs62111200	C	0.0483
rs266868	A	-0.0259
rs116527097	T	0.145
rs138019547	G	-0.1132
rs144144745	T	-0.1167
rs73027125	T	0.2006
rs11548457	C	-0.071
rs76335303	G	0.1034
rs138950008	T	-0.0883
rs2967619	T	0.0285
rs7249588	A	0.0734
rs74719458	A	-0.0646
rs7249477	G	0.0397
rs145204812	A	0.0937
rs55947631	T	0.0868
rs73039004	C	0.1344

rs10416432	T	-0.0516
rs108295	A	-0.0248
rs1862476	C	0.0279
rs34006614	T	0.0352
rs4464193	T	0.0251
rs11673675	C	0.0749
rs35291369	G	-0.0481
rs141817848	G	-0.1225
rs145594221	G	-0.2156
rs17775427	T	0.0798
rs16982895	T	0.0313
rs1465701	T	-0.0299
rs17227680	A	-0.0623
rs7247399	G	0.0367
rs794072	G	0.0379
rs66509630	G	-0.1048
rs35564975	A	0.1206
rs74319726	G	-0.0861
rs35416389	A	-0.0988
rs62119932	A	-0.0387
rs75247917	A	-0.1191
rs7351085	C	0.0334
rs8100707	G	0.0396
rs113341342	C	-0.1089
rs77511825	A	0.1135
rs591040	T	0.0473
rs4239526	C	0.0364
rs149345909	T	-0.1887
rs3101742	T	0.0395
rs74439972	A	-0.0513
rs7258916	T	0.0587
rs79054271	T	0.2468
rs10417473	G	0.0279
rs80079695	G	-0.0429
rs76469860	T	0.1365
rs2885444	T	-0.044
rs142031485	T	0.1634
rs73526011	C	0.0357
rs12459312	C	0.056
rs11669943	G	0.0277
rs1079162	A	0.0361
rs150898859	C	0.1016
rs112387307	C	0.1335
rs34914886	T	0.155
rs2249152	T	-0.0264
rs12150929	G	-0.037
rs138849807	G	0.151

rs12972000	C	0.0249
rs73036066	C	-0.0703
rs4803447	G	-0.0404
rs7248189	T	-0.0473
rs13343526	C	0.045
rs11672342	A	0.0387
rs7247523	C	-0.0397
rs117167543	T	0.0465
rs75943012	T	0.0759
rs7256811	A	-0.0239
rs112330399	A	-0.0299
rs260487	G	-0.0283
rs57126032	A	-0.0841
rs62106177	T	-0.172
rs143569504	A	0.0924
rs10426326	T	-0.0378
rs10404378	C	-0.0284
rs80199352	T	0.1052
rs35207600	T	-0.0778
rs112651861	G	0.1186
rs8107540	C	0.0503
rs11670784	C	0.0578
rs4807511	A	-0.027
rs11666904	G	0.0722
rs58166924	T	0.0526
rs10423293	A	-0.0259
rs11083789	A	-0.0455
rs76240122	C	-0.039
rs9653123	A	0.0456
rs287105	T	0.0544
rs10411244	C	-0.0692
rs78219867	T	0.094
rs62116935	C	-0.0379
rs117594958	G	0.1132
rs141590554	C	-0.0965
rs62131297	A	-0.0433
rs7257243	C	0.0765
rs730428	T	-0.0257
rs142161535	A	0.113
rs11086069	T	0.0923
rs75255203	T	0.0706
rs76858863	A	0.054
rs140890549	A	-0.0706
rs10421934	G	-0.0949
rs12978178	T	0.0631
rs6509301	G	-0.0419
rs8102766	A	0.0618

rs1982772	C	0.0644
rs60674091	A	0.0637
rs4802850	G	-0.0285
rs10420130	C	0.0749
rs117796363	C	0.1104
rs150895832	G	0.1769
rs117608697	C	0.1006
rs3810317	T	0.0318
rs117503839	C	0.1576
rs113368510	C	0.1339
rs11665992	A	0.0316
rs11084482	A	0.04
rs8106869	A	-0.0332
rs56397626	G	0.0436
rs77528482	C	-0.1073
rs10405768	A	0.0337
rs78783295	T	0.0635
rs73935340	A	-0.1215
rs11667211	T	-0.0421
rs8192733	C	0.036
rs73511187	C	-0.036
rs35913516	T	-0.0292
rs117986390	T	0.1497
rs8108601	T	0.029
rs59168469	T	-0.1168
rs62135271	A	0.0441
rs77506072	A	0.0652
rs150968520	A	0.1495
rs73009926	G	-0.0404
rs35991147	A	-0.0528
rs35061212	A	-0.0272
rs2434421	T	-0.0299
rs660871	A	-0.0394
rs8106773	C	0.029
rs78200960	C	-0.0526
rs55637640	C	-0.1547
rs111340732	A	-0.0827
rs73031608	A	-0.0276
rs11084235	C	-0.0896
rs3760923	C	-0.0369
rs112961006	A	-0.1362
rs10409594	T	-0.1556
rs12972119	A	-0.0429
rs112913349	T	0.0576
rs10419891	A	-0.024
rs151022556	T	0.1172
rs2396293	C	-0.0364

rs144054864	T	-0.1036
rs11084422	T	0.0299
rs9304791	G	-0.0592
rs34282976	G	0.0873
rs2619200	T	-0.0279
rs138534980	C	-0.1074
rs1615970	T	-0.0283
rs80067474	C	0.14
rs6510603	A	0.0314
rs17704510	C	-0.1332
rs73070130	A	0.0667
rs139015660	A	-0.1457
rs10404168	A	0.0308
rs706763	T	-0.0617
rs73058127	A	0.0799
rs7249635	C	-0.0638
rs11668845	T	0.1093
rs112410987	A	-0.1004
rs7245964	C	-0.0842
rs7260484	A	0.0413
rs34156998	G	0.0701
rs3852896	T	0.0323
rs60344502	C	-0.0732
rs11672731	G	0.0384
rs11880905	G	-0.0345
rs389029	G	-0.1627
rs1203009	G	-0.1582
rs2616946	T	-0.0289
rs117773107	C	-0.1607
rs4252568	T	-0.0408
rs2616940	A	-0.03
rs60528995	C	0.1821
rs112735447	A	0.0825
rs11666574	A	0.0381
rs60941879	T	0.0436
rs148037950	T	0.1565
rs2002713	A	0.0523
rs111888282	T	-0.0936
rs11665864	G	-0.0349
rs504211	T	0.0549
rs62143164	T	-0.0464
rs8100959	T	-0.0273
rs73003512	G	0.0894
rs7256354	T	0.0407
rs77746756	A	0.1643
rs306429	C	0.0433
rs10419122	A	-0.0478

rs150896709	T	0.1322
rs60076988	G	0.0249
rs648180	G	0.0239
rs75500878	G	0.1042
rs35307376	G	0.0771
rs12980259	G	-0.0308
rs7246914	T	0.0299
rs4803043	G	-0.0744
rs17207579	A	-0.0259
rs61216411	T	-0.0837
rs12461390	T	-0.0833
rs10416841	A	0.0919
rs3746006	T	0.0264
rs61678563	T	0.0293
rs79535781	A	0.061
rs4801988	C	0.0324
rs3739193	C	-0.1428
rs10419572	A	-0.0448
rs1235784	A	0.0545
rs117938843	A	0.1025
rs66477257	C	0.0298
rs7257986	T	-0.0251
rs73050830	T	0.1418
rs17271827	A	-0.0272
rs111633710	A	-0.047
rs11881460	T	-0.0286
rs34195752	T	0.0294
rs57811164	T	0.1619
rs1477269	T	-0.0346
rs113861425	T	0.1541
rs12151295	A	-0.119
rs62111308	G	-0.1552
rs147414783	A	0.1157
rs76220089	T	0.1362
rs34170158	A	0.0379
rs112291080	G	0.1316
rs745845	C	0.024
rs77485145	T	0.0522
rs2040737	A	0.0824
rs35765800	A	0.0336
rs4808797	A	-0.0456
rs76807188	A	0.0742
rs4803336	T	-0.0319
rs347033	C	-0.032
rs28492070	G	-0.0922
rs28547526	A	-0.193
rs145182523	A	0.1914

rs12461919	G	0.0404
rs11666259	G	0.037
rs10518274	G	-0.0305
rs1052131	T	-0.0356
rs3760961	G	0.0294
rs79143240	C	-0.116
rs7257662	C	-0.034
rs113781412	A	0.1316
rs10520416	A	-0.066
rs145058438	A	0.0519
rs7252293	T	-0.0322
rs34692122	T	0.0983
rs8105907	C	-0.0348
rs12463345	A	-0.0502
rs41360944	A	-0.1052
rs59618592	C	0.0278
rs17755379	G	0.0373
rs691539	G	0.0957
rs8107081	C	0.0502
rs55773378	T	-0.0463
rs12459345	A	-0.0309
rs78046512	G	-0.1152
rs17227533	T	0.0359
rs4807263	G	-0.0348
rs140425781	T	0.1324
rs4499352	G	-0.0245
rs71365418	A	0.0683
rs2694065	G	-0.0252
rs117124528	T	0.1106
rs56369375	A	-0.027
rs7257191	G	-0.0444
rs7255334	A	0.0233
rs892120	C	-0.0328
rs345596	T	0.0362
rs75600179	G	0.0764
rs4808073	A	0.0895
rs1894309	A	0.0418
rs73588017	C	0.0515
rs117255762	C	-0.0603
rs58124266	G	-0.0423
rs79332591	G	0.1044
rs112183520	T	-0.0718
rs517503	A	0.0274
rs10419982	A	-0.0234
rs8107216	A	-0.0356
rs41354744	G	0.0635
rs117945000	T	0.105

rs148995365	T	0.0625
rs12973012	T	-0.026
rs12978176	C	0.0447
rs11670988	T	0.0392
rs115851052	G	-0.0303
rs6510760	A	-0.1196
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rs75116578	T	-0.0414
rs35429660	G	0.0284
rs56392124	G	-0.1537
rs1860324	C	0.0383
rs75672167	A	-0.113
rs3826772	C	0.0347
rs56154436	G	-0.053
rs112833880	T	0.1614
rs7250851	T	0.0237
rs7258081	T	-0.0791
rs17760904	T	0.1046
rs4803206	C	-0.0271
rs17271952	A	0.0369
rs55647066	C	0.0563
rs12459875	T	-0.0318
rs62112227	A	0.0559
rs117302736	G	-0.1371
rs16982097	C	0.0443
rs139973550	T	0.173
rs73049687	A	0.11
rs2290642	C	0.0391
rs79693947	C	-0.0829
rs4803688	T	0.1083
rs117844928	T	-0.0915
rs116868184	A	-0.164
rs11669242	G	0.0302
rs55858266	T	-0.1325
rs740873	A	-0.0514
rs3746161	T	-0.0696
rs3745500	A	0.0341
rs75314806	T	0.1036
rs11671413	A	-0.0276
rs138572354	A	0.0598
rs117968357	A	0.069
rs2241400	T	-0.0248
rs41304768	A	-0.0903
rs10419493	T	0.0659
rs878493	A	0.0444
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rs77611858	G	-0.099
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rs2099349	A	0.0286
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rs78484848	T	-0.0463
rs150843808	C	-0.1193
rs35525630	C	-0.0313
rs60651468	G	0.0804
rs138926167	A	-0.1841
rs144485154	G	-0.1496
rs117236506	T	-0.1364
rs61540452	A	-0.1459
rs144377865	A	0.0732
rs12463281	T	-0.0244
rs10422190	C	-0.0524
rs1990301	T	0.0286
rs34600749	T	0.202
rs116921103	T	0.1263
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rs892139	T	-0.0304
rs12459247	C	-0.0572
rs78796001	C	-0.1059
rs4570986	G	0.0319
rs2072350	T	0.0866
rs62116172	C	-0.0314
rs117753351	T	0.1309
rs34982882	C	-0.0732
rs56358268	C	-0.053
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rs8109555	G	0.0468
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rs7247578	T	0.0396
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rs8102672	T	0.053
rs148011973	A	0.1288
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rs73017293	A	0.0656
rs117111001	A	0.1498
rs35385804	T	0.0531
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rs10403940	A	-0.0647
rs73515075	A	0.0774
rs2286802	A	-0.0234

rs74174203	G	-0.0268
rs3786757	G	-0.0227
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rs8101816	G	-0.0294
rs1544929	A	-0.0247
rs2214183	C	0.0253
rs147692863	T	-0.1357
rs61500773	C	0.1183
rs61396597	C	-0.0357
rs11670586	T	-0.0402
rs11667420	A	-0.0274
rs4807822	C	0.0235
rs3852908	C	-0.0378
rs61391973	T	0.0918
rs139576493	T	0.1223
rs58073810	T	-0.0356
rs78265344	G	0.0792
rs62111467	A	-0.0395
rs12981259	A	0.024
rs4926286	A	-0.0236
rs145188277	A	-0.0788
rs77858500	A	0.0555
rs16993239	T	0.0289
rs62132542	A	-0.1644
rs2370134	T	0.0339
rs7250590	C	0.0273
rs198974	G	0.0388
rs73020411	G	0.0247
rs114778771	T	0.0894
rs62114257	C	-0.0429
rs892210	C	0.0282
rs67564305	C	0.0405
rs2192244	C	-0.0631
rs7258390	C	-0.0533
rs146898772	T	-0.1361
rs62121480	C	-0.0864
rs117994198	T	0.0936
rs11668734	A	0.1021
rs79373632	A	-0.1726
rs11668570	A	-0.1548
rs142212375	T	-0.0637
rs76151643	T	-0.1654
rs2903648	C	0.0827
rs4807523	A	0.0485
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rs117651942	A	-0.1297
rs73047370	T	0.1923

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rs142304095	C	0.1283
rs10408118	T	-0.0251
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rs67023356	G	0.0334
rs141224304	C	-0.1195
rs113697518	C	0.1143
rs112547681	T	0.0526
rs12082	T	0.0794
rs76779682	T	-0.1817
rs8108461	T	-0.0235
rs62109947	T	-0.0401
rs117212300	G	-0.0743
rs12972795	C	-0.0323
rs11878620	A	0.043
rs929777	T	0.0272
rs68073118	G	0.041
rs34731234	C	-0.0958
rs143255117	A	0.1491
rs7248222	G	-0.0237
rs150990495	A	0.1112
rs2293424	A	0.023
rs74468606	T	0.0468
rs1030687	A	-0.0241
rs12979467	T	0.0264
rs7254852	A	-0.042
rs76384150	A	-0.0448
rs6509803	C	-0.0399
rs508740	G	-0.0234
rs74479793	T	0.0604
rs11878862	G	-0.0404
rs80076900	T	0.0713
rs62102723	C	-0.1174
rs12710097	G	-0.0326
rs62126009	C	0.0391
rs138628958	C	-0.1093
rs56411022	A	-0.0448
rs7252752	C	-0.046
rs2562496	C	0.0285
rs3826784	A	0.0232
rs117088717	A	0.1058

rs142795304	A	-0.0876
rs17242677	T	0.1421
rs73055456	C	-0.0607
rs10414064	T	0.0595
rs117745617	T	0.089
rs17523547	G	-0.1076
rs76265504	G	-0.0887
rs1051784	A	-0.0329
rs17752196	T	0.0275
rs138593323	T	0.1065
rs12982294	T	0.0398
rs10413566	A	0.0294
rs6510908	A	-0.0479
rs111787128	A	0.0859
rs17273491	T	-0.054
rs62113937	G	-0.0397
rs73537994	T	0.0301
rs4805440	T	0.0259
rs79117065	T	-0.0635
rs60617890	G	0.0263
rs7253473	A	-0.0222
rs117309435	C	0.1482
rs8105205	A	-0.0391
rs140154009	T	-0.0677
rs12974873	C	-0.0236
rs72981922	C	0.1142
rs7251878	C	0.023
rs10413821	G	0.0304
rs145582715	A	-0.1515
rs750456	C	-0.0253
rs34497180	C	0.0901
rs10153467	C	-0.0232
rs4804931	T	0.1233
rs16973374	G	-0.0517
rs845380	A	0.0292
rs73933714	G	0.1427
rs12980750	C	0.0303
rs10416497	G	-0.0405
rs57784658	A	0.0401
rs7250259	G	-0.0424
rs72486385	T	0.0612
rs75042583	A	0.1
rs10408949	T	0.0254
rs71353338	G	0.0446
rs56230484	G	-0.0344
rs117503618	A	-0.1033
rs56232137	G	-0.0709

rs4640295	A	0.1476
rs74398580	T	-0.1428
rs566476	A	-0.0237
rs117477770	T	-0.0548
rs11668906	A	0.0411
rs3745568	G	-0.0378
rs117818454	T	0.0856
rs111460067	T	0.0737
rs2377077	T	-0.0271
rs7256299	G	0.0337
rs366337	A	0.0736
rs11666389	G	-0.0478
rs4807590	A	0.0249
rs8109934	A	0.028
rs142146862	T	0.1254
rs55916171	T	-0.0396
rs1487573	A	0.0417
rs13343659	C	0.0747
rs77073981	G	-0.1426
rs305947	T	-0.0339
rs111578464	G	-0.179
rs34554523	G	0.0404
rs11666413	A	-0.0363
rs881877	C	-0.0256
rs73004312	C	-0.1382
rs3786661	T	-0.0271
rs4804918	T	0.0237
rs891038	A	-0.0356
rs58391974	A	-0.0475
rs4299259	C	0.0474
rs75954764	G	0.0862
rs78928146	A	0.0965
rs11085244	A	-0.0244
rs17759130	T	-0.073
rs147462238	T	0.158
rs62126448	T	-0.0572
rs150370340	T	0.0557
rs55769436	A	-0.0358
rs34336739	G	-0.1221
rs11671617	T	-0.0498
rs7253685	G	0.0247
rs73009507	G	-0.0917
rs139433335	G	-0.1378
rs11671244	A	-0.0317
rs12608741	C	0.0231
rs163365	A	-0.0291
rs62111491	C	-0.0989

rs117575534	G	0.0589
rs149685336	C	-0.0705
rs11666516	G	0.0646
rs3900716	A	0.034
rs75055583	C	-0.0429
rs4141337	A	-0.0486
rs112696237	T	0.1239
rs112762476	A	0.0407
rs113473675	T	-0.0799
rs12976646	A	0.022
rs142968410	T	0.1685
rs116995991	A	0.0977
rs183708	A	-0.0259
rs62120423	A	0.0657
rs56855322	C	0.0419
rs45579944	T	0.0658
rs73924268	C	-0.0707
rs117561596	A	-0.1019
rs45490098	T	-0.0662
rs77068563	C	0.0711
rs77354136	T	-0.1363
rs143815583	C	0.0725
rs117239072	T	-0.0871
rs13343619	C	-0.0632
rs80301512	C	-0.0954
rs11673358	C	0.0313
rs118032196	A	-0.0957
rs111314347	T	-0.1586
rs73025658	G	0.0567
rs6508935	G	-0.0702
rs73042387	A	0.039
rs2869480	A	0.023
rs7253255	C	0.0249
rs60922906	A	-0.0545
rs12985955	C	-0.028
rs35407808	T	0.0628
rs2098626	C	-0.0431
rs75096376	T	0.1096
rs1325155	C	0.0238
rs113409189	T	-0.0512
rs17727145	T	0.0474
rs11673557	G	-0.0229
rs1009881	C	-0.0455
rs117026598	A	0.1653
rs1017382	T	-0.0234
rs2304218	T	0.0618
rs35917214	G	0.0486

rs148854414	A	0.0971
rs72997768	A	-0.0586
rs143245613	G	0.1062
rs117507267	T	0.0855
rs2163857	C	-0.0235
rs162823	G	0.0279
rs10407866	T	-0.0419
rs10401672	T	0.0266
rs13345951	G	-0.0309
rs3951363	A	-0.0307
rs11083824	C	-0.0261
rs34881512	T	-0.0596
rs77348731	C	-0.13
rs251896	A	0.0282
rs28480458	A	-0.0675
rs118027723	T	-0.0704
rs73007799	C	0.0532
rs79153864	A	0.1679
rs678975	C	-0.033
rs74757134	A	0.0576
rs10422264	T	0.0614
rs113692602	C	-0.0467
rs7248052	C	-0.0279
rs138471905	A	-0.1076
rs9304887	C	0.0305
rs138972974	A	0.1308
rs57432701	A	0.0288
rs72979023	C	0.0862
rs62122499	G	-0.0311
rs71334734	C	0.0942
rs452126	G	-0.0526
rs139379137	C	-0.0977
rs9676610	C	0.0546
rs76572021	G	-0.119
rs34654929	G	-0.0378
rs79007747	A	0.128
rs11550017	T	-0.042
rs78567612	A	-0.0607
rs145134289	T	-0.0847
rs17206303	A	-0.0226
rs7258185	A	-0.0252
rs2613792	T	-0.0233
rs4808547	T	-0.0268
rs73030297	T	-0.0393
rs117032596	G	0.1227
rs7254465	T	-0.0892
rs75190430	G	-0.1905

rs2354475	A	0.0311
rs62112651	A	0.0257
rs116951801	A	-0.1387
rs8104376	G	0.0724
rs34914384	A	-0.0285
rs6511904	C	-0.0353
rs4801232	T	0.0372
rs72981056	T	0.095
rs60490563	A	-0.0549
rs11670257	G	0.0295
rs391381	T	-0.0478
rs10405962	T	0.0249
rs138013773	C	0.1634
rs118120887	T	0.1415
rs10221516	G	-0.0291
rs147130540	A	-0.0801
rs10402343	T	0.137
rs77469549	T	0.0827
rs4147937	A	-0.0519
rs10417870	T	0.0442
rs116280534	G	-0.1111
rs61759827	G	-0.0632
rs62137077	G	-0.0992
rs150276961	T	-0.1815
rs67847967	A	-0.0669
rs10421964	C	-0.0346
rs78331666	T	0.0744
rs76933487	G	-0.1569
rs111445447	T	-0.1604
rs150339651	T	0.0996
rs117989304	G	-0.0749
rs17710677	C	-0.049
rs148356565	C	-0.1414
rs4802559	T	0.0489
rs75090531	A	0.1512
rs17542947	T	0.075
rs10405048	C	-0.0404
rs117748533	T	0.0895
rs3786721	T	0.0223
rs117726429	A	0.0942
rs17708130	G	-0.0254
rs364691	T	0.0232
rs1688267	C	-0.0256
rs12610534	C	0.0553
rs12975007	T	0.035
rs12463038	T	-0.0617
rs8104954	T	-0.0464

rs76218096	A	0.0558
rs28602630	A	-0.0504
rs58235777	G	-0.0295
rs348337	T	0.0305
rs45533236	A	-0.0654
rs2283600	A	-0.033
rs149761739	C	0.066
rs117139170	G	-0.0606
rs28449186	T	0.0258
rs8110482	G	0.0692
rs73064093	G	-0.1201
rs56239923	A	0.0914
rs76424926	G	-0.0379
rs1638708	G	0.0252
rs28371490	G	0.0311
rs17326700	A	-0.0404
rs138924833	T	-0.1302
rs2708733	A	-0.0284
rs7259625	C	0.043
rs4806074	C	-0.0302
rs55936501	T	-0.0732
rs149410183	G	-0.132
rs12104181	G	-0.1237
rs723352	G	-0.0639
rs4804960	C	-0.0249
rs74720555	T	-0.0737
rs111980498	A	0.1871
rs56154727	G	0.1745
rs379309	C	0.0229
rs66903881	C	-0.0435
rs6509397	G	-0.0214
rs62124111	C	0.0517
rs3745140	T	0.024
rs144906110	C	-0.1443
rs148761247	A	0.1868
rs28676290	G	0.0295
rs4330034	C	0.041
rs78175222	T	0.1145
rs2303744	C	-0.0273
rs78239049	A	-0.0668
rs10853971	A	0.0287
rs7246637	A	-0.0224
rs12986362	T	0.0366
rs8113086	T	0.0436
rs41311971	T	-0.0794
rs67602088	A	0.1039
rs111380962	A	0.064

rs8110792	C	0.0332
rs62101172	T	-0.1223
rs6512034	T	-0.0252
rs9789251	G	-0.0795
rs45575734	G	0.1377
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rs35365926	T	-0.0824
rs12462203	C	-0.0234
rs7256495	T	0.0215
rs10411347	C	0.0224
rs2250982	A	-0.0237
rs2656924	C	0.0397
rs117292022	A	0.0723
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rs143249624	T	-0.1436
rs143985646	C	-0.1566
rs28664859	G	-0.0488
rs10425374	T	0.0377
rs111309869	C	0.078
rs117994528	G	-0.1617
rs358547	C	0.0302
rs140044996	T	0.1181
rs12610145	C	-0.0415
rs1583310	T	0.0385
rs149962335	A	0.1185
rs117699791	G	0.0904
rs12460001	G	0.1079
rs73013159	T	-0.0531
rs60447818	G	0.0373
rs16960768	C	0.0634
rs10420317	C	0.0247
rs7258934	C	0.0323
rs77298627	C	0.1287
rs57686237	C	-0.0463
rs7248750	T	0.1201
rs11670254	T	-0.0219
rs73017087	T	0.0598
rs2215707	A	-0.0936
rs117379988	T	-0.0772
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rs3826886	A	-0.0369
rs12150952	G	-0.0325
rs73030299	T	0.0763
rs8109396	C	0.0375
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rs117482759	G	0.1932

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rs77949196	T	0.1371
rs111797993	A	0.104
rs112340956	T	0.1194
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rs4926207	C	0.0239
rs4926128	G	-0.1586
rs118179019	T	-0.1148
rs67218028	A	0.0382
rs79453214	A	0.0652
rs1558133	C	0.0376
rs61342719	T	-0.0384
rs17715087	T	0.0222
rs12461196	T	0.0597
rs116854528	A	0.1827
rs17304639	T	-0.0276
rs74413584	C	-0.0472
rs34466575	T	0.0393
rs7250749	A	0.0443
rs77099980	A	0.1188
rs145545627	A	0.1411
rs3021329	T	-0.1042
rs1710378	G	-0.0396
rs843780	T	-0.0215
rs4143973	C	-0.0216
rs11085928	C	-0.0288
rs34666550	T	0.1217
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rs115378814	C	0.0508
rs346054	G	-0.0265
rs923240	G	-0.0292
rs351101	C	-0.0422
rs74435511	A	0.1171
rs73016824	C	-0.0389
rs73070936	G	0.0322
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rs12946	T	0.0323
rs147728875	T	0.0965
rs117335934	T	-0.1248
rs10409317	T	0.0861
rs10410552	A	-0.0353
rs35725629	A	0.1494
rs117371070	T	0.1792
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rs12972774	A	0.0268
rs74770749	T	0.043
rs143114206	T	-0.0756
rs4366834	T	-0.0388
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rs13382137	A	0.0411
rs12609752	T	0.123
rs7254765	A	-0.0395
rs1560732	T	0.022
rs113702251	T	0.0564
rs11880724	T	-0.0224
rs76442916	T	0.0575
rs117110627	C	-0.0873
rs11672123	A	0.0707
rs75539352	A	-0.0524
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rs73028150	A	0.1126
rs7260093	C	-0.0421
rs150822335	A	0.1151
rs57625625	C	0.0357
rs7250679	T	-0.0258
rs6511008	C	0.0475
rs73588015	A	0.1241
rs10426776	C	-0.0281
rs4802896	T	0.0239
rs34549443	T	0.038
rs142119131	T	0.1148
rs1476739	A	-0.0225
rs148541543	A	0.1068
rs67338290	T	0.0639
rs1020723	G	0.0347
rs11878397	T	-0.0265
rs283523	A	0.0586
rs78976793	A	-0.039
rs77063121	A	0.1076
rs139012629	C	0.1132
rs142013643	C	0.1278
rs34343917	G	-0.0732
rs56908507	T	-0.0326
rs9973206	C	-0.0291
rs77336124	A	0.1469
rs16986427	A	0.0696
rs57844599	G	0.0266
rs740670	T	-0.0328
rs73044824	A	-0.0574

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rs11670417	T	-0.0685
rs3096616	T	0.0279
rs543992	A	0.0246
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rs12973733	A	0.0217
rs118188708	C	-0.1053
rs112489377	G	0.0578
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rs11878235	G	-0.0258
rs116871670	C	0.0632
rs12985183	C	-0.0705
rs113409132	C	-0.0936
rs77594511	C	0.0749
rs2016429	G	-0.0398
rs4417638	A	0.0411
rs2081879	T	0.0402
rs11084612	C	-0.0222
rs2974231	G	-0.0205
rs78624829	C	-0.0314
rs113112379	A	-0.0463
rs10401594	A	0.0202
rs2074460	T	0.0318
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rs13346871	T	-0.0383
rs77080188	C	0.0843
rs145146040	G	0.0926
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rs1654383	A	-0.0769
rs117285127	A	-0.0884
rs10414079	T	0.1257
rs113570232	T	0.0352
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rs11667229	C	0.0216
rs10405023	C	-0.0356
rs10775588	C	0.0329
rs148224635	C	0.1459
rs2739491	C	0.0382
rs77550222	T	0.1066
rs141376419	A	0.1009
rs190997	T	0.0312
rs137938785	G	-0.0605
rs62135079	T	0.0609
rs59280563	G	0.0296
rs72995445	A	0.0769
rs148371405	A	-0.1094

rs12104249	T	0.0257
rs77294690	T	0.0618
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rs3786586	G	-0.0279
rs1044747	C	-0.0354
rs140540025	T	0.1158
rs1009629	T	-0.0509
rs322147	A	-0.0212
rs75800093	T	-0.0725
rs77020325	A	0.138
rs77235242	T	-0.105
rs150716022	T	0.1441
rs12461586	C	0.1095
rs12611251	T	-0.0394
rs10427037	T	0.0723
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rs11672892	G	0.0352
rs5011658	A	-0.0263
rs73025139	C	0.0874
rs138160825	T	-0.0802
rs73045113	T	0.0356
rs6510138	G	-0.0228
rs72973288	G	0.0532
rs111405555	A	-0.0786
rs111427431	T	0.0632
rs113361281	A	-0.0649
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rs1184398	A	0.0218
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rs117311577	A	0.1422
rs12971607	T	0.1071
rs140064353	G	0.1221
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rs147787497	G	0.0355
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rs149803608	C	0.0395
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rs78738804	A	0.0769
rs117234107	T	0.1106
rs111847006	G	0.0392
rs118060147	G	0.0965
rs117855970	T	0.1089
rs150315221	C	0.1677
rs4897965	T	0.0701
rs1862486	T	0.0772
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rs117473400	T	0.1209

rs1146126	T	0.0566
rs34231843	C	-0.065
rs146759858	A	-0.0871
rs11557488	A	0.0368
rs117657305	T	0.0768
rs10425080	A	0.0374
rs1010679	C	-0.0276
rs139816173	C	0.0998
rs117960796	A	-0.1172
rs6511996	G	-0.0279
rs79866735	T	0.0659
rs150519785	C	0.0946
rs351994	C	0.041
rs2313048	G	0.0257
rs75202584	T	-0.0839
rs35052289	C	0.0371
rs7253052	A	-0.0221
rs73052139	C	-0.092
rs9304788	T	-0.022
rs12460780	A	0.0216
rs73022121	T	-0.1083
rs3853880	T	-0.0907
rs76843143	T	0.1444
rs113867594	C	-0.1063
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rs147933623	G	-0.1254
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rs2298881	A	-0.0291
rs116925602	A	0.0623
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rs34557917	C	0.1336
rs56655605	T	0.025
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rs118021988	A	0.0937
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rs71353949	A	-0.1009
rs11883057	A	0.0259
rs12327556	C	-0.0396
rs10418756	T	0.1715
rs62121743	C	0.0308
rs28521780	A	-0.1591
rs299172	C	-0.0266
rs11669793	T	-0.0741

rs34640515	G	-0.0921
rs4808946	T	-0.0485
rs76248948	A	0.0974
rs45513592	T	0.1297
rs4804662	G	-0.0241
rs73054411	G	0.0244
rs78276164	T	0.0409
rs111520561	T	-0.0294
rs62124463	G	0.0242
rs11539822	T	0.0242
rs691633	G	0.0268
rs1799269	A	-0.1633
rs10412569	G	0.0561
rs2291473	C	0.0347
rs886204	T	0.0265
rs9749118	C	-0.1311
rs75085835	T	0.1011
rs11673189	A	-0.0249
rs10414010	C	0.037
rs4806802	A	0.0316
rs147826292	C	-0.0334
rs66506016	T	0.0754
rs312930	C	-0.0293
rs4530278	G	-0.0213
rs1859224	G	-0.0228
rs73484429	C	0.093
rs117419016	A	-0.093
rs62120530	T	-0.107
rs60009274	T	-0.0516
rs899565	C	-0.024
rs62129302	C	0.0731
rs17304632	G	0.0348
rs7258432	G	-0.0214
rs4474799	A	0.0239
rs7251409	T	0.0433
rs2159029	A	0.0332
rs12977462	C	-0.0357
rs2162791	C	-0.0231
rs80271437	C	0.0576
rs78233024	T	-0.0346
rs118016019	C	-0.0957
rs35625597	C	-0.0389
rs141739665	A	-0.1305
rs62105543	A	0.0586
rs62115867	T	0.0496
rs73034360	C	0.0669
rs11670464	T	0.0271

rs8101739	C	-0.0465
rs2868047	G	-0.0251
rs55771789	A	0.066
rs139296555	C	0.1216
rs78850150	C	-0.0397
rs141325605	A	0.1832
rs79668907	T	0.0308
rs661676	G	0.0452
rs147384704	G	-0.0949
rs8105908	G	0.0236
rs73016838	G	-0.0858
rs77590703	T	0.0498
rs114168346	T	-0.0743
rs35055171	T	-0.0237
rs112596421	A	0.0411
rs77711399	A	0.1043
rs111772781	G	0.0415
rs142843133	T	-0.0852
rs34641022	T	-0.0986
rs12985956	T	0.0257
rs11670728	A	-0.0219
rs2905572	T	-0.0273
rs8100658	G	0.0225
rs41275832	T	-0.0608
rs11666132	T	0.0349
rs6512254	G	0.023
rs142189369	G	0.1391
rs9304956	T	-0.0276
rs10407520	T	0.0264
rs75964774	T	-0.0552
rs159680	A	0.0307
rs4809120	C	0.0239
rs16986672	T	-0.0613
rs55651616	T	0.0385
rs111397327	G	0.0472
rs150851615	T	0.0949
rs4561589	T	0.0325
rs67256980	T	-0.0211
rs7253232	A	-0.0439
rs9989629	A	-0.0447
rs73060216	C	0.1283
rs11466353	T	0.0741
rs56899951	A	0.0446
rs55986737	T	-0.0414
rs112917606	T	-0.0399
rs931646	G	-0.0235
rs17755100	A	-0.0344

rs659255	T	-0.0365
rs35294934	A	0.0223
rs57745388	T	-0.0207
rs45439595	A	-0.078
rs12976953	T	0.0544
rs564622	A	0.0276
rs4468742	C	-0.0263
rs10420357	T	-0.0528
rs7258962	T	-0.0427
rs140742114	T	-0.1068
rs118167470	A	0.0592
rs76559758	G	-0.0866
rs12982419	A	0.027
rs73066689	G	-0.0486
rs146508012	C	-0.0707
rs7250836	C	-0.0259
rs11668783	A	-0.0383
rs73031770	A	-0.1039
rs8101563	C	-0.0242
rs11669841	G	0.0236
rs116604425	A	-0.0767
rs2311220	T	0.0399
rs2870099	C	-0.0294
rs255773	T	0.0256
rs142200928	T	0.1168
rs55767880	G	0.0286
rs77719434	T	0.116
rs4808214	A	0.0242
rs2359385	G	-0.0273
rs75727214	C	0.1091
rs118048815	A	-0.0539
rs73018067	C	-0.0335
rs75985775	G	-0.0592
rs1005254	C	0.0231
rs11673227	T	0.1234
rs4389234	G	-0.0247
rs35084473	G	-0.0709
rs62116166	A	-0.0455
rs112735728	C	-0.0877
rs112743753	G	0.0265
rs76953315	C	-0.1045
rs35287116	C	-0.0199
rs149813215	A	-0.0797
rs1868944	G	0.0239
rs10418030	G	-0.0237
rs72996710	G	-0.0724
rs1688005	G	-0.0234

rs80023698	T	0.0307
rs28625081	C	-0.0811
rs56691323	A	0.0975
rs62116856	A	0.0947
rs3803904	T	0.0362
rs62109902	A	-0.0528
rs76469489	C	-0.1368
rs73046449	T	-0.1079
rs8108544	A	-0.0246
rs12971320	G	0.0214
rs111358833	T	0.0407
rs402969	C	-0.0212
rs17882125	T	-0.0512
rs117267347	A	0.152
rs17589988	G	-0.0593
rs142088382	T	0.0866
rs2079550	A	-0.0541
rs7246978	G	0.0322
rs74172610	T	-0.0622
rs447991	A	-0.0242
rs58501529	C	0.0555
rs149693662	G	0.1111
rs2303098	T	-0.0288
rs268905	T	0.0245
rs8104554	G	0.0221
rs12980182	T	-0.0267
rs78802494	A	-0.129
rs59537494	G	0.041
rs76608947	A	-0.0809
rs80298408	A	-0.0976
rs150888326	T	-0.0925
rs56872598	G	-0.0444
rs78202354	C	-0.0911
rs2532059	G	0.0259
rs34237656	A	-0.0283
rs77923659	G	-0.0833
rs746668	A	0.0212
rs5030393	T	-0.1018
rs13347058	T	-0.0266
rs11667477	A	0.0267
rs12459446	A	0.0358
rs62115445	A	-0.031
rs7247503	G	-0.0235
rs17589011	C	0.0416
rs79404105	A	0.1211
rs8113739	T	-0.0212
rs62124746	C	0.0271

rs55760141	A	0.0545
rs10426003	G	0.0237
rs117556589	C	0.0636
rs138582232	C	0.1315
rs35732035	A	0.1488
rs79010341	A	0.0746
rs12608912	A	-0.0482
rs35056955	G	0.0914
rs2930883	T	0.0391
rs8110787	T	-0.0212
rs145639768	A	-0.1188
rs114758003	A	-0.0889
rs10853990	G	0.0223
rs2886742	T	-0.0228
rs76403080	T	-0.0372
rs60717340	A	-0.0767
rs117473991	A	0.0843
rs580372	A	-0.0294
rs4805568	G	-0.0316
rs118054030	A	-0.081
rs149836722	A	0.0836
rs7246278	T	-0.027
rs2303810	A	0.0439
rs12971608	C	0.0286
rs12984050	C	0.0479
rs895342	T	-0.0808
rs28635562	T	0.0215
rs12461790	A	-0.0359
rs76648517	T	-0.0508
rs78453805	G	0.1244
rs115075761	T	-0.0758
rs2691235	C	0.0288
rs10412459	C	-0.0412
rs395892	A	-0.0197
rs13346129	A	0.0253
rs76979894	G	0.1066
rs12973697	A	0.0252
rs1687996	G	-0.0226
rs112226575	T	0.0286
rs140887488	T	0.1629
rs78917411	G	0.0272
rs197156	G	-0.0204
rs73047318	T	0.0416
rs12327597	A	-0.0708
rs759299	A	0.0292
rs1749282	G	0.0312
rs62125397	A	-0.08

rs4801809	T	-0.0431
rs61732552	G	0.0966
rs3212791	C	0.0319
rs112813367	T	0.14
rs7249982	A	-0.0231
rs7251033	G	0.0398
rs56177646	G	0.0195
rs112625475	T	-0.1295
rs11669745	G	0.021
rs11085099	T	-0.0231
rs269938	T	0.0214
rs117458172	T	0.1386
rs8111416	G	0.072
rs2072689	T	0.019
rs1207132	T	-0.0476
rs73024215	C	0.052
rs112716684	A	0.106
rs12980596	A	0.0222
rs74183035	A	-0.027
rs62121714	A	-0.0369
rs61593631	G	0.0486
rs11556992	A	-0.046
rs59559467	A	-0.0557
rs4802319	G	-0.0815
rs11673703	A	0.0877
rs34269817	A	0.1085
rs73030958	A	-0.0462
rs2354225	A	0.0229
rs11669897	T	0.0464
rs149341744	A	0.0971
rs10417873	A	0.0207
rs16988845	A	0.047
rs61360090	G	-0.028
rs61742027	A	-0.077
rs75599624	T	0.0258
rs369880	T	-0.0269
rs672265	C	-0.0625
rs78069863	T	-0.109
rs142737073	T	0.024
rs140898754	A	-0.0535
rs4801774	C	-0.0225
rs139707358	A	0.0938
rs112887894	C	0.1523
rs34967856	T	0.0288
rs58389022	G	-0.0557
rs998973	C	-0.0243
rs11879740	A	-0.0248

rs150551433	T	0.1185
rs8108212	G	-0.0223
rs10421326	C	0.0268
rs45583840	A	-0.0587
rs10413743	A	-0.0327
rs148457515	A	0.0918
rs8100637	C	0.0246
rs77664073	T	0.0278
rs59085822	C	-0.0207
rs12151093	G	0.0491
rs2192630	G	-0.0218
rs2722756	T	-0.0457
rs8110275	G	-0.0312
rs62126282	A	0.1205
rs3760823	T	-0.0214
rs112566570	A	-0.0555
rs4804781	T	0.0854
rs8102680	T	0.0191
rs8107574	T	-0.0607
rs1433076	G	0.0189
rs11083888	C	0.0855
rs7258816	G	-0.0192
rs117243211	T	0.0462
rs10408600	T	-0.0333
rs113843153	C	-0.0247
rs76653224	T	-0.0309
rs118153039	A	0.1227
rs62116850	A	0.0339
rs12974629	T	0.0383
rs143492438	A	-0.1384
rs11878193	G	-0.0574
rs62123283	G	-0.0216
rs74738587	T	0.0372
rs405120	C	-0.0353
rs41275824	T	0.0426
rs6512191	A	-0.0204
rs138388238	A	-0.0968
rs141383381	C	-0.0826
rs12985106	T	0.0294
rs6510988	A	0.0401
rs60466689	G	-0.0437
rs2045388	C	0.0288
rs11083846	A	0.0219
rs6509499	T	-0.0234
rs4804922	G	-0.0231
rs73052997	T	-0.0521
rs77358356	C	0.1279

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rs8182621	T	0.0215
rs117181797	T	0.1353
rs62105299	T	-0.0318
rs2303690	G	-0.0183
rs3786772	C	-0.0572
rs10422852	T	0.0198
rs61039198	A	-0.0336
rs34811765	T	-0.0941
rs41470347	A	-0.0491
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rs75256931	G	-0.0578
rs1009794	T	-0.0192
rs3848605	C	0.0222
rs11668975	G	-0.0258
rs1710386	A	-0.081
rs118114303	G	-0.1237
rs117708364	G	-0.1553
rs11665996	T	0.0224
rs12462391	T	0.0784
rs75527493	A	-0.0322
rs28411321	A	0.0264
rs118073786	A	0.0791
rs7259393	A	-0.0353
rs145265974	C	0.1284
rs12461309	G	0.0191
rs7257013	C	0.0718
rs7256281	G	0.0285
rs10417465	T	0.0612
rs149667386	T	0.039
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rs3826782	A	0.0359
rs256338	G	-0.0703
rs60178395	G	-0.0336
rs3731037	A	0.0287
rs437933	G	-0.0209
rs7254744	C	0.0239
rs138828382	C	-0.0482
rs12972552	A	-0.0196
rs11084424	A	0.0349
rs10405036	A	0.022

rs2668838	C	-0.0339
rs74878460	G	0.103
rs34826052	A	0.0834
rs140626011	T	0.0608
rs79220153	T	0.1078
rs247795	T	0.0219
rs12975976	G	-0.0212
rs8109737	G	0.021
rs78199605	T	-0.0651
rs3745651	A	-0.0185
rs117979004	G	-0.0868
rs3826830	A	-0.0233
rs138833981	G	0.1195
rs117679371	C	-0.0373
rs55706332	T	0.094
rs117790352	T	0.066
rs11549920	C	0.0524
rs56387942	A	-0.0429
rs34807860	A	0.0288
rs6509364	T	0.0197
rs12982187	G	0.022
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rs10406943	T	-0.0363
rs2099101	C	0.0224
rs1820128	A	0.0392
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rs11668969	T	0.0225
rs117460129	T	0.064
rs74942924	A	-0.0742
rs73023592	A	0.1252
rs2279011	G	-0.0186
rs35859939	C	-0.0234
rs28505906	G	-0.0265
rs138227746	C	0.1258
rs455476	C	-0.0225
rs45609140	T	0.1068
rs35544031	T	0.0212
rs73532960	A	0.0776
rs148493345	T	-0.0726
rs77315797	A	0.0261
rs72487112	A	0.0267
rs35040936	T	0.0205
rs71365473	C	0.0583
rs6512198	A	0.0405
rs116844973	C	0.0651
rs142888784	G	0.0831
rs62109959	C	-0.0491

rs77526707	C	-0.0374
rs17239607	T	0.0268
rs145693736	A	0.096
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rs142657579	T	0.0868
rs113347471	G	-0.0234
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rs73034029	G	0.0349
rs77569647	T	0.0314
rs4806927	A	0.0806
rs41278194	C	0.1381
rs35823523	A	0.1036
rs2010457	G	-0.0201
rs75887392	T	-0.125
rs116902738	C	-0.136
rs147313454	A	0.0328
rs8112725	G	-0.0318
rs113581699	A	0.1221
rs889108	T	-0.0226
rs11878187	T	-0.0307
rs12982592	A	0.0209
rs62109907	T	-0.1109
rs148219800	T	-0.0896
rs4801408	G	-0.0313
rs3761048	A	0.0343
rs62125944	A	-0.0208
rs1354137	G	-0.0204
rs77400969	C	-0.0716
rs731362	G	0.0216
rs2523170	A	-0.0266
rs12611193	T	-0.053
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rs8100739	A	0.0767
rs144387265	G	0.0786
rs36004828	G	0.0301
rs113407367	T	-0.0824
rs10419785	T	0.0774
rs149854919	A	-0.1741
rs2379618	G	-0.0283
rs59034334	G	-0.0828
rs73057387	A	0.0991
rs113106728	T	-0.1368
rs80216638	A	-0.0579
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rs28757810	A	-0.0255
rs117474735	C	0.1229

rs78870969	T	-0.08
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rs10405192	A	-0.0338
rs11672205	T	-0.1095
rs146710477	T	0.0797
rs62131571	A	0.0493
rs142017083	A	-0.122
rs274172	A	0.0242
rs4807971	A	-0.023
rs116874700	A	-0.1257
rs148221668	T	-0.0701
rs77192097	C	0.0602
rs117860472	C	0.1074
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rs2285851	G	-0.0237
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rs11670610	C	-0.0233
rs150868432	T	0.1246
rs76916283	T	-0.1122
rs16990450	T	-0.0386
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rs3730904	T	-0.0919
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rs17227288	T	-0.0222
rs2241790	T	0.0196
rs11665816	A	0.0227
rs12977037	A	-0.0208
rs4804075	A	-0.0219
rs73507341	C	0.0426
rs117854561	A	0.0607
rs140132959	T	0.1083
rs10409194	C	0.0242
rs78588089	T	-0.0304
rs8107817	T	-0.0236
rs380764	T	0.0638
rs3745474	T	-0.024
rs281432	G	-0.0224
rs62111574	C	0.0416
rs78248456	C	-0.026
rs8103052	G	0.021

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rs12985211	C	0.108
rs144486549	G	0.1392
rs2872113	C	0.1463
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rs7246860	T	0.0339
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rs8104384	G	0.0234
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rs62117795	A	-0.1805
rs3745836	G	0.0696
rs2620841	G	0.0238
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rs117602337	T	-0.0694
rs405566	A	0.0444
rs116956578	T	-0.0513
rs16963159	A	-0.023
rs73000673	T	-0.0481
rs2286756	G	-0.0195
rs112827507	A	0.1067
rs14268	T	0.0233
rs75981480	T	-0.0453
rs306458	C	-0.0349
rs78735733	T	-0.0379
rs12327602	A	-0.0277
rs736926	T	-0.0306
rs12489	A	0.0243
rs113611644	T	-0.0568
rs10406069	A	0.0223
rs28501668	G	0.05
rs324125	G	-0.0265
rs76496263	A	-0.0804
rs148464328	T	-0.0888
rs73010021	A	0.0894
rs12462776	G	0.069
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rs62113223	C	-0.081
rs146238447	A	0.1785
rs10401750	C	-0.0534

rs55702269	A	-0.0676
rs117665802	A	-0.0642
rs113547998	T	0.0777
rs113632670	T	0.0548
rs75200917	T	-0.1048
rs62117269	A	0.0293
rs36078717	A	-0.0652
rs10425427	C	-0.063
rs117890356	A	0.1407
rs10404292	A	0.0272
rs79307628	A	-0.0948
rs10420909	C	0.0256
rs117455213	A	-0.0858
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rs277118	T	0.0265
rs62132178	A	0.1493
rs12982096	T	-0.038
rs73054887	T	-0.0579
rs17249376	T	0.0375
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rs34089525	A	-0.0704
rs111977118	A	-0.0204
rs55749214	A	-0.0227
rs11259989	G	-0.0197
rs117724297	G	-0.049
rs66479618	T	0.0306
rs799184	C	0.0186
rs117524660	A	0.0966
rs7249675	G	-0.053
rs149640471	T	-0.0543
rs4444453	G	-0.0531
rs78318811	T	0.0483
rs10416659	A	-0.0284
rs2739451	C	-0.0188
rs1974832	G	0.0335
rs138754027	C	-0.0646
rs2463246	C	0.1152
rs79582406	A	-0.0615
rs3745648	C	-0.0217
rs4807461	G	0.0218
rs141003824	G	-0.1086
rs143341377	A	-0.0924
rs74827019	T	0.0531
rs77020040	A	-0.1335
rs12975254	A	0.0264

rs2485257	T	0.0316
rs8109640	C	-0.0195
rs2067104	T	0.0256
rs140388093	C	0.0603
rs254803	C	0.0179
rs890865	T	0.0638
rs4433936	T	0.0485
rs2304191	C	0.0303
rs79382977	A	-0.1128
rs62133664	C	0.0381
rs12104361	T	0.0495
rs77290097	A	-0.0473
rs12976419	A	0.0177
rs57897227	A	-0.0216
rs140637033	G	-0.0852
rs73588928	A	0.0776
rs7246420	C	-0.0656
rs117477245	G	-0.1527
rs4806829	C	0.0265
rs9749567	C	-0.0324
rs2436506	T	-0.0208
rs4995732	T	-0.0275
rs12978559	A	0.1081
rs75555164	A	0.1019
rs17533903	A	0.0227
rs231228	T	0.0223
rs12981073	A	-0.0289
rs11666992	C	0.0428
rs7257071	T	0.0579
rs8108179	T	0.0402
rs4251928	G	-0.1043
rs77711521	C	0.0754
rs13345127	T	0.0294
rs351108	A	0.043
rs276184	A	-0.0988
rs117772217	C	0.1153
rs7249464	G	-0.0322
rs658168	T	-0.0255
rs58265572	T	-0.0391
rs71351796	T	0.1039
rs62116773	T	-0.0995
rs77311876	A	-0.0607
rs10406463	A	0.0194
rs6512043	T	-0.0505
rs7256409	C	0.0398
rs8103220	C	0.0492
rs1529717	A	0.0185

rs346140	A	0.0213
rs12981749	G	-0.019
rs12461897	C	-0.0483
rs147745696	A	0.046
rs2915912	C	-0.0333
rs8102901	A	0.0212
rs1077445	G	-0.0226
rs117909459	G	-0.072
rs73046569	A	0.0455
rs34997741	C	0.0286
rs8105105	C	-0.052
rs12609309	G	-0.0573
rs16975302	C	-0.1052
rs62113374	T	-0.0279
rs10424911	T	0.0467
rs4807450	T	0.0249
rs888932	T	-0.0213
rs11881897	G	0.0263
rs55924070	A	-0.0281
rs302459	G	0.0661
rs141511412	A	0.1392
rs117981921	A	-0.075
rs454421	T	0.0192
rs11882581	A	0.0386
rs473464	C	-0.0219
rs140147746	A	0.0554
rs111425704	T	-0.091
rs2298885	T	0.0231
rs8099974	C	-0.025
rs28665094	T	0.0469
rs7251280	A	-0.0639
rs12972335	A	-0.0974
rs72990111	T	0.0937
rs147333556	G	0.1377
rs62130467	T	0.0804
rs12986130	A	0.02
rs7258679	T	-0.0278
rs4991027	T	0.0312
rs34533749	T	0.0185
rs8105262	A	0.0202
rs117395202	A	0.0814
rs3760687	T	0.0587
rs77738931	C	0.0439
rs522669	T	-0.0519
rs117304181	A	0.092
rs9941465	A	0.0271
rs113840429	T	-0.0619

rs3848579	T	-0.0397
rs79491172	A	-0.044
rs10500308	C	0.0176
rs4801664	C	-0.0301
rs13345108	G	-0.0229
rs113500195	A	-0.0428
rs12463340	A	0.0397
rs12986405	C	-0.0595
rs78464136	T	0.0619
rs12611022	C	0.0191
rs45570234	C	0.047
rs4801670	T	0.032
rs72971463	G	0.0489
rs6510035	G	0.0847
rs78269670	C	0.0342
rs11883160	G	0.0268
rs117114279	T	-0.1162
rs149811283	C	0.0752
rs8182543	G	-0.0312
rs112550406	A	-0.0231
rs10424747	A	-0.0216
rs55731954	T	0.0231
rs78235771	C	-0.0866
rs116889903	A	0.1009
rs56309547	G	-0.0172
rs12461370	T	0.0302
rs11671745	T	0.0817
rs3810291	G	0.0197
rs2227357	A	-0.0275
rs149711329	T	0.0779
rs146527392	T	0.0762
rs75944215	A	-0.0943
rs7246629	T	0.0194
rs112826302	G	0.0409
rs309194	T	0.0234
rs73504416	A	0.0533
rs148784272	A	-0.0991
rs117090316	T	0.0718
rs3787041	T	0.0261
rs144283671	T	-0.0731
rs12974444	T	0.0406
rs62126981	C	0.0496
rs117596621	A	-0.0601
rs3097336	T	0.0175
rs10445632	T	0.0251
rs72995963	A	0.0337
rs76169512	A	-0.0388

rs2283616	A	0.0174
rs2866069	G	0.017
rs11669330	G	0.0298
rs55853951	T	-0.0286
rs56828911	G	-0.0321
rs62136916	A	-0.0203
rs4808773	C	0.0179
rs4805084	G	-0.0342
rs148953443	A	-0.0587
rs138782856	A	-0.068
rs78664571	A	0.1219
rs10420013	A	-0.0176
rs73030942	T	-0.0811
rs7257434	C	0.0227
rs35689410	T	0.027
rs4803517	A	-0.0272
rs61065024	G	0.0242
rs57250854	A	0.0408
rs10414565	T	-0.0309
rs11465397	A	-0.0346
rs76527008	A	0.0225
rs45500293	T	-0.0664
rs78150198	A	-0.1427
rs116939191	T	0.1064
rs117132773	G	0.1091
rs149013406	C	0.0818
rs10414779	C	0.019
rs12462244	C	0.0212
rs11666868	T	-0.0244
rs4897932	A	-0.0695
rs78204669	C	0.0372
rs143726454	T	-0.0938
rs115359026	T	0.1018
rs75280324	A	-0.0568
rs12979768	G	-0.0247
rs285283	A	0.0369
rs3888176	A	-0.056
rs11671647	T	-0.0401
rs10419074	T	0.0514
rs16962592	C	-0.0345
rs3097297	T	-0.0651
rs75749687	G	0.0731
rs62120533	G	-0.064
rs141002134	A	-0.109
rs77136875	C	-0.0483
rs77552159	G	0.1087
rs8100484	C	0.0203

rs6509412	T	-0.0207
rs112363595	C	0.0327
rs7247926	C	-0.0191
rs76625697	C	0.0716
rs147143138	T	0.1201
rs691713	A	-0.0297
rs75951249	A	0.0392
rs116972702	A	0.1019
rs4801480	T	0.0609
rs1664690	A	-0.0309
rs141546683	A	-0.0642
rs4280373	T	0.0276
rs73619261	A	0.033
rs11084561	T	0.0212
rs149818350	T	-0.0658
rs73033073	C	-0.0735
rs10412773	T	-0.0398
rs78041344	T	-0.0301
rs4807024	C	-0.0304
rs7256233	A	0.0198
rs35743451	T	0.0693
rs11553092	A	-0.0211
rs367527	A	0.0459
rs10414528	A	0.0229
rs6509623	C	0.0169
rs145737553	T	-0.125
rs17305227	T	0.0466
rs11667108	T	-0.0212
rs112638842	G	0.0588
rs73028769	C	-0.0278
rs4805579	G	-0.0181
rs4802176	A	-0.025
rs35715002	G	0.0363
rs8111205	A	0.0202
rs4482400	T	0.0337
rs2915947	C	0.0284
rs2619199	A	0.0337
rs73067189	G	0.0309
rs12984086	A	0.1427
rs117421926	C	-0.1226
rs3746251	A	0.0894
rs55784934	C	0.0626
rs56274434	C	-0.0266
rs7788	C	0.0336
rs11667974	G	-0.0265
rs77686360	A	0.0626
rs10412124	A	-0.0614

rs116900565	T	0.088
rs6509671	T	0.0275
rs12611395	A	-0.0447
rs117780632	A	0.0535
rs116996466	G	-0.0904
rs62109711	A	0.0348
rs7247922	T	0.0293
rs17249001	A	0.0608
rs2075145	T	0.0208
rs138732197	C	-0.115
rs8102908	T	0.1026
rs71339174	A	-0.0299
rs997703	A	-0.0231
rs7247141	A	0.0179
rs740683	C	-0.0196
rs16968399	T	0.0211
rs9304931	A	-0.0219
rs114973975	G	0.0588
rs73919195	C	0.0608
rs77673324	G	-0.0645
rs62119882	G	-0.0345
rs117440287	A	0.0558
rs11086079	T	-0.0355
rs117049049	T	-0.103
rs10420670	A	-0.0346
rs62107099	T	-0.0702
rs11668328	C	-0.0996
rs118184479	A	0.1319
rs149511709	A	0.1108
rs148169821	T	0.0577
rs148540338	G	-0.0988
rs3136642	G	0.0188
rs464398	T	-0.0173
rs111476307	A	0.1596
rs11673553	G	0.1276
rs12983273	T	0.0386
rs4807188	A	-0.0846
rs11666089	C	0.0309
rs6509714	T	0.0391
rs141474870	A	-0.0535
rs62131898	G	0.0397
rs12608523	C	0.0238
rs73010185	C	0.0946
rs10406145	C	0.019
rs12462913	T	0.0401
rs10402472	G	-0.0198
rs75557930	T	0.0302

rs8110155	A	-0.0693
rs55986794	A	-0.0333
rs74675399	A	0.0345
rs398650	A	-0.0351
rs1671207	C	-0.0231
rs117689640	G	0.1111
rs4807778	G	-0.0258
rs12975001	C	-0.0352
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rs28440959	C	-0.0696
rs35537830	T	-0.0416
rs144184232	T	0.1106
rs6509798	G	-0.0312
rs1628793	C	-0.0482
rs113744405	C	-0.0436
rs7255306	G	-0.022
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rs117512546	A	-0.0566
rs74457132	C	-0.0709
rs11881075	C	0.0839
rs141230104	G	0.1151
rs17728644	G	0.0689
rs55892843	T	-0.0253
rs61545816	G	0.0463
rs2288404	C	0.0183
rs55790431	C	-0.0214
rs61742136	T	-0.0845
rs7252097	T	-0.0214
rs12980372	G	0.0523
rs118013260	T	-0.1176
rs146541941	G	0.1179
rs35840591	G	-0.0229
rs73549066	T	-0.0299
rs74675346	A	0.0789
rs4808105	T	-0.0189
rs11672094	A	0.0331
rs12980134	A	-0.0212
rs117190701	A	-0.0408
rs73004006	C	0.1432
rs62113693	G	0.0246
rs137887476	T	0.0675
rs117855218	C	0.05
rs1560727	C	0.0208
rs7255674	C	0.0211
rs451367	T	0.028
rs79808496	T	-0.0855
rs4804623	G	-0.0516

rs149262789	T	0.1009
rs34281600	T	-0.1233
rs77029922	G	0.0697
rs4999880	G	-0.0257
rs4808526	T	-0.0673
rs146688773	A	0.095
rs4809019	A	-0.0567
rs7252407	C	-0.0224
rs117127048	A	-0.0919
rs35382994	G	0.0907
rs7248453	A	0.0401
rs117981612	T	-0.0709
rs12973245	C	-0.0171
rs4805550	C	0.0199
rs266867	A	0.0334
rs8111553	C	0.0417
rs36687	A	-0.0257
rs117267421	G	-0.1218
rs8108262	A	-0.1215
rs11882243	A	-0.0432
rs117542029	T	-0.0917
rs2239374	T	0.021
rs115627114	T	0.0448
rs7253253	G	-0.0547
rs7250715	A	0.0211
rs55951194	A	-0.0335
rs62119282	T	0.0396
rs144715171	T	0.1327
rs62131618	C	0.0406
rs73570937	T	-0.0672
rs1445851	A	-0.0272
rs73547912	A	-0.1129
rs60388064	C	-0.0993
rs3859454	C	0.1323
rs7254967	A	-0.0191
rs73062673	C	0.0264
rs10421853	C	-0.0167
rs1363364	A	0.0164
rs17774599	A	-0.0253
rs62111428	A	0.0278
rs148685538	A	0.0516
rs118004394	C	0.0868
rs8104810	T	0.021
rs2957848	G	0.0973
rs12973255	A	0.02
rs10425568	G	0.0418
rs11882592	A	-0.0351

rs150032686	C	-0.1298
rs112176687	T	0.0561
rs145486998	A	0.0398
rs142335773	G	-0.0606
rs10424351	G	0.0227
rs11880750	C	0.0649
rs117196978	C	-0.0974
rs111624989	A	-0.0624
rs113327157	A	-0.0611
rs484121	G	0.0163
rs56999463	A	0.0934
rs73035410	G	0.0614
rs651555	T	0.0598
rs117249960	A	-0.0571
rs80113335	A	-0.1084
rs149499271	A	0.0566
rs73047580	A	-0.1057
rs7255683	G	-0.0231
rs3786712	A	0.0183
rs79902448	C	0.0712
rs12052184	A	-0.0269
rs10412316	T	0.0286
rs12608756	T	0.0556
rs76657538	A	-0.0205
rs10405432	G	0.0238
rs117794399	T	-0.0962
rs55767504	G	-0.0454
rs6417192	G	0.0538
rs75021556	T	0.1301
rs10406215	C	-0.0239
rs139356083	T	-0.1593
rs273627	A	-0.0323
rs79487637	A	-0.0515
rs12463225	A	0.0381
rs72996468	G	0.047
rs117480526	A	-0.0829
rs12610011	C	-0.0233
rs12978395	T	-0.0934
rs1053377	T	0.026
rs7251700	A	-0.031
rs75707753	A	0.0392
rs117111055	G	0.1152
rs1978616	G	-0.0196
rs112511886	A	0.1033
rs74466458	C	0.0766
rs145319303	T	0.0795
rs35483143	T	-0.0784

rs77972155	A	0.1249
rs117435018	A	-0.0764
rs117148804	T	-0.0452
rs148279123	A	-0.035
rs736128	A	-0.019
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rs138260807	A	-0.0715
rs12611010	G	-0.088
rs8107142	A	-0.0245
rs59805819	A	0.0506
rs36095067	T	0.1306
rs4804149	C	0.0221
rs78382850	C	0.034
rs1614559	T	-0.0178
rs1985579	A	-0.0177
rs56162770	C	-0.0958
rs466115	C	-0.0175
rs77869359	C	0.0557
rs143658954	A	0.061
rs117969022	T	0.0815
rs138780384	A	-0.0636
rs73568026	G	-0.0215
rs113382075	T	0.025
rs9304911	C	-0.023
rs306478	C	0.0177
rs17715394	C	0.0202
rs34257179	G	-0.091
rs11085784	T	0.0255
rs4802456	A	-0.0181
rs2691215	A	-0.0243
rs11085051	T	0.0198
rs117131291	T	0.0761
rs388310	T	-0.0175
rs4806061	A	-0.0166
rs79835743	C	-0.0354
rs78312646	T	0.0561
rs59422992	A	-0.0361
rs12459103	C	-0.0172
rs11670329	C	0.0898
rs78987925	C	0.1039
rs4805158	T	0.0386
rs7254279	A	0.0217
rs148293536	T	-0.0988
rs73934406	A	0.0586
rs1108697	C	-0.0165
rs548658	A	0.0719
rs2288515	A	-0.0257

rs111403438	A	-0.0658
rs12974085	T	-0.0173
rs12976035	C	-0.0527
rs1275221	T	0.0182
rs57026198	C	0.0353
rs2056397	T	0.0643
rs11666216	G	-0.052
rs117328298	G	0.0807
rs113390133	T	0.0634
rs7249538	A	0.0169
rs17605360	T	0.0977
rs34223005	C	-0.0305
rs113443039	G	0.0273
rs4438413	G	-0.0162
rs114560011	T	0.0885
rs382410	G	-0.0182
rs117388345	A	-0.0791
rs113836077	C	0.0924
rs8108940	G	0.0172
rs28573687	A	0.0197
rs3730837	C	-0.0569
rs138062667	G	0.1018
rs73004683	A	-0.0357
rs34188753	C	0.0476
rs11878489	A	0.0186
rs12983193	A	0.0232
rs112839524	G	-0.0232
rs7246366	G	-0.0625
rs346056	C	0.0192
rs62112966	G	0.1505
rs3745530	A	-0.0162
rs12461153	C	0.0169
rs11879454	T	0.0266
rs73926853	A	-0.0461
rs55796368	T	-0.0731
rs73005538	A	-0.0897
rs149892518	C	0.1051
rs111487833	T	-0.0433
rs926026	G	-0.0185
rs73048855	G	0.0441
rs7252525	T	0.0307
rs78334009	C	-0.0413
rs78597559	C	0.0625
rs77151859	C	-0.1333
rs77206031	A	0.0969
rs8112191	A	-0.0183
rs144244431	C	0.058

rs77995042	T	0.0433
rs76721557	T	0.1381
rs62126440	A	-0.0376
rs62108466	T	-0.0309
rs10404042	C	0.0289
rs8110522	A	0.0782
rs8112524	G	0.0257
rs28412860	T	-0.0302
rs10408812	A	-0.0179
rs143944636	T	-0.0398
rs79054960	G	-0.0461
rs77488532	C	0.0288
rs112633747	T	0.0388
rs11881467	C	0.0594
rs73631784	C	0.0267
rs636567	G	-0.0363
rs112698954	G	0.0432
rs45574836	T	-0.0492
rs146363295	A	0.0547
rs150443549	T	0.0478
rs62116188	T	-0.0839
rs258581	A	-0.0319
rs4804139	T	-0.0494
rs17699030	G	0.0488
rs1046273	T	-0.0788
rs113376455	G	0.068
rs12609457	C	-0.0203
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rs8103610	G	-0.0381
rs2659062	C	-0.0227
rs146797502	T	-0.1248
rs34150343	G	0.0162
rs111755913	A	-0.0374
rs60664277	C	0.0323
rs142833554	C	0.0826
rs71362673	G	0.066
rs2288518	G	0.0555
rs150473648	A	0.092
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rs35071395	G	0.023
rs71361971	G	-0.0822
rs78313190	A	-0.0311
rs12984761	T	-0.0228
rs145756297	C	0.0676
rs7246380	T	0.0294
rs73043069	G	0.0288
rs117630756	A	-0.0844

rs72983135	A	0.0236
rs112488306	A	0.0747
rs117633619	T	-0.0909
rs8110925	G	0.0537
rs12608928	A	-0.0173
rs139002845	G	-0.0836
rs111506697	G	0.0604
rs1080669	T	0.0232
rs147717700	T	0.0302
rs144804890	A	0.1181
rs11881980	T	-0.0324
rs2868466	A	-0.017
rs2230748	A	-0.0235
rs56937966	C	0.0345
rs1290647	A	0.0184
rs3097879	T	0.0208
rs8109160	T	0.0179
rs118088049	A	-0.1115
rs344571	T	0.0201
rs11673239	T	0.0536
rs3745925	A	-0.0201
rs145041057	A	-0.1197
rs76237680	C	0.0924
rs150170689	G	-0.0961
rs117863960	C	-0.0579
rs12610503	T	0.044
rs11085107	T	-0.0267
rs10402091	A	0.0199
rs139339684	G	0.0692
rs55864313	A	-0.0541
rs7255401	A	-0.0256
rs1054623	A	-0.0203
rs59328331	A	0.0563
rs4239631	T	0.0293
rs78828368	T	-0.0714
rs8100350	G	-0.0205
rs111749552	A	0.0898
rs116857198	A	-0.0555
rs116853154	C	0.0432
rs4251831	G	0.0246
rs16964470	C	-0.0227
rs3764596	G	-0.0188
rs75499840	A	0.0436
rs78419989	T	-0.0234
rs75301706	A	0.1086
rs113545131	T	0.0288
rs112491222	A	0.0304

rs10423446	G	0.0184
rs6509758	A	-0.025
rs143717853	A	0.0597
rs2967775	T	0.0204
rs147809250	A	0.0704
rs7258327	C	0.0365
rs308037	A	0.0173
rs833912	C	0.0262
rs10413597	A	0.0167
rs7246838	A	0.033
rs3826759	C	0.0306
rs28738983	G	0.0816
rs73922142	C	0.0468
rs247755	A	0.0186
rs57178594	C	-0.0507
rs1155506	G	-0.0174
rs149173729	T	0.0685
rs2240150	C	-0.0411
rs11880134	A	0.0218
rs72993544	G	0.0269
rs318699	A	-0.016
rs139596014	A	0.0544
rs147321547	T	-0.0206
rs11673583	T	0.025
rs8102122	A	-0.0195
rs148785445	C	0.099
rs117224236	G	0.0916
rs35128221	A	0.0214
rs17775666	T	-0.0309
rs73047763	A	-0.0535
rs9304923	T	-0.0306
rs113483883	T	0.053
rs117579730	T	0.0867
rs10424688	T	0.022
rs142467778	G	-0.1107
rs112778073	C	0.0393
rs55786704	G	0.0193
rs2860163	C	-0.0535
rs12979590	C	-0.0225
rs4569396	T	0.0163
rs144843211	G	-0.074
rs4022311	T	0.0167
rs2241393	C	0.0206
rs4490110	A	0.0325
rs167519	T	-0.0295
rs35759402	A	0.0212
rs11881124	G	-0.0182

rs73016307	C	-0.0438
rs142296430	A	-0.0998
rs146604202	A	-0.0709
rs79309113	T	-0.0816
rs74699092	C	-0.0627
rs118074688	T	0.0709
rs7249292	C	-0.0289
rs572840	A	-0.0177
rs260428	C	0.0277
rs7260060	A	0.019
rs2301236	A	-0.0232
rs77623030	T	0.0527
rs73067369	C	0.0311
rs113718949	T	0.039
rs7257486	G	0.069
rs7260552	G	0.0238
rs476922	A	-0.022
rs7258039	C	0.022
rs118176136	A	-0.0651
rs72982393	C	0.0263
rs8102891	G	0.026
rs10413441	G	0.0305
rs2865164	G	0.0361
rs2682560	T	-0.0201
rs138281532	G	-0.0279
rs79859128	G	-0.0332
rs8102899	C	-0.0187
rs7250425	T	-0.0155
rs77356507	C	-0.1017
rs6509424	A	0.037
rs138593008	G	-0.0891
rs113469967	C	0.0996
rs62117996	C	0.036
rs12609208	A	0.0363
rs146656592	A	-0.0987
rs116933142	A	-0.1412
rs10412771	T	0.0212
rs6509985	T	-0.0341
rs111623191	C	0.0658
rs149210322	G	-0.0836
rs111817467	T	-0.0983
rs12983334	C	0.0165
rs73056862	T	0.0265
rs117752742	A	0.1278
rs2609897	T	0.0158
rs73021656	C	-0.0734
rs113744797	G	0.0698

rs58204333	A	0.0181
rs11670656	C	-0.0152
rs1645678	A	0.0268
rs12982381	T	0.0224
rs116953663	G	-0.0975
rs78794494	C	0.0851
rs8100891	G	0.0168
rs10409160	G	-0.0242
rs12609190	A	-0.0323
rs650262	G	-0.0221
rs56151501	C	-0.0309
rs2305777	T	0.0175
rs146176851	C	0.0995
rs150818197	A	0.0734
rs138371650	T	0.0842
rs28666483	A	-0.0359
rs75089343	T	-0.0464
rs75840015	A	0.0929
rs79567667	G	-0.0926
rs77268298	A	-0.0402
rs11879046	G	-0.1077
rs5030398	G	0.0466
rs17834186	G	0.0193
rs307717	T	0.0219
rs10403459	C	-0.0173
rs7255134	A	-0.0336
rs2004270	C	0.0285
rs35089861	T	0.0474
rs4330013	A	-0.0158
rs62113868	T	-0.0693
rs56801401	C	0.0269
rs76540930	G	-0.0753
rs12104184	C	0.0231
rs4807998	A	0.0147
rs117648604	T	0.0723
rs8110664	C	-0.065
rs76702783	C	0.0318
rs8104768	C	0.0279
rs2392652	C	0.0296
rs7254651	A	-0.0174
rs17215305	A	-0.0627
rs2379239	A	0.0472
rs7250224	C	0.0236
rs1799595	A	-0.0402
rs11669053	T	0.0217
rs11882789	T	0.1128
rs73920031	A	-0.0941

rs142662427	T	-0.099
rs6510701	C	-0.0215
rs11667465	A	-0.049
rs115014492	T	-0.1094
rs77195067	C	0.0639
rs75989646	G	-0.0416
rs113839234	T	-0.0482
rs57824425	T	0.0258
rs3826665	A	0.0221
rs7258495	C	-0.0173
rs117674426	A	-0.0832
rs10414183	C	0.0223
rs143769227	C	0.0941
rs117383051	A	-0.0837
rs143328644	A	0.0832
rs55646134	A	0.0203
rs146291812	G	0.0187
rs11085206	C	-0.0186
rs117162955	G	-0.0555
rs1422259	G	0.0184
rs113757139	A	-0.0561
rs2967536	A	-0.1389
rs3730865	G	-0.0709
rs62109943	G	-0.0532
rs2865837	G	-0.0182
rs11671521	C	0.0948
rs12460524	T	-0.0204
rs2107454	C	0.0641
rs6952	G	0.0324
rs11671438	T	0.0182
rs117284921	C	0.0855
rs11085070	A	-0.0211
rs113270232	T	0.0636
rs116528507	C	0.0245
rs6511065	T	-0.0284
rs77005253	G	-0.037
rs148809154	A	0.0411
rs74720037	T	-0.0354
rs8192711	A	0.0353
rs55836822	T	0.025
rs111640618	T	-0.0391
rs117914743	G	-0.0861
rs335743	A	-0.0163
rs116947721	C	0.0683
rs113381717	A	0.0603
rs10406633	A	-0.0252
rs74260224	T	-0.0296

rs11260069	C	-0.0155
rs10401294	G	0.0324
rs56287732	T	-0.0581
rs3848521	C	-0.0215
rs193934	C	0.0343
rs34718	A	-0.0217
rs324091	A	0.0214
rs10413422	T	0.0235
rs11673556	C	0.0263
rs142250189	C	0.085
rs56372685	G	-0.0562
rs11879508	T	-0.0443
rs59135513	A	0.0519
rs58161486	A	-0.0263
rs150342947	A	-0.1151
rs12979242	C	-0.0638
rs8104591	C	0.0391
rs7255444	G	-0.0395
rs12462642	A	-0.0201
rs35515408	T	-0.032
rs62112761	G	0.0165
rs56131139	C	0.0585
rs147472919	G	0.0726
rs62107517	T	-0.0872
rs73006531	T	-0.0268
rs278206	A	-0.0187
rs11881458	A	-0.0187
rs11084908	C	0.0294
rs888864	G	0.0212
rs76618032	A	0.0353
rs117882650	A	-0.0855
rs35669530	T	0.0445
rs4805902	T	-0.0203
rs111604360	A	0.068
rs28619228	C	-0.0256
rs145604891	T	-0.0377
rs8112107	C	0.0231
rs1645701	A	0.024
rs2722757	G	0.0162
rs113434779	T	0.1614
rs10405030	T	0.0719
rs117683814	G	-0.0784
rs73005399	T	-0.0865
rs4803115	T	-0.0286
rs7251133	G	0.0441
rs11673407	G	0.0187
rs76077978	A	0.1047

rs1433097	C	-0.0308
rs2365582	G	0.0298
rs797880	T	-0.0189
rs4806921	A	0.0257
rs113716473	A	-0.0519
rs8113192	A	0.0164
rs78441704	T	-0.051
rs72483994	T	-0.1191
rs10420217	C	-0.0219
rs279220	A	0.0158
rs939305	G	0.0169
rs4522535	A	-0.0159
rs76734238	C	0.1163
rs138681462	C	0.0806
rs6510842	C	0.0218
rs350912	A	0.0167
rs11672825	G	0.0169
rs3887111	A	-0.0171
rs62113865	A	0.1085
rs16970555	T	-0.0284
rs75111430	A	-0.0594
rs4801605	G	-0.0177
rs10406139	A	0.0282
rs73510792	A	-0.0708
rs10424262	T	0.0287
rs145753667	T	0.1136
rs28406304	T	0.0465
rs73039249	A	0.0453
rs10500264	A	0.0189
rs34384935	G	-0.0394
rs79395320	T	0.0382
rs11670026	G	0.0956
rs77362788	T	0.085
rs12985697	T	0.0303
rs12463068	T	0.0484
rs62117780	G	0.0306
rs17836364	A	-0.0202
rs6510032	G	-0.0261
rs7258976	A	0.016
rs80320277	T	-0.0568
rs34561079	A	0.0301
rs113510419	C	0.0382
rs11083941	T	0.0435
rs34077401	T	0.02
rs2084111	A	0.0391
rs79827998	T	-0.0525
rs73036032	T	0.0509

rs2369252	A	-0.0168
rs56857389	A	0.061
rs2902746	A	0.0211
rs62120454	C	-0.0252
rs62133235	G	0.0169
rs10418024	C	-0.0272
rs12980652	A	0.0436
rs45459493	T	-0.0469
rs10853790	G	-0.0441
rs1973093	G	-0.0157
rs78897278	A	0.0213
rs74320731	T	0.0807
rs10403174	G	0.0343
rs112990034	G	0.0238
rs1048328	A	-0.0262
rs34306318	G	0.0273
rs73029979	G	0.1005
rs7246367	T	-0.0476
rs28334	T	-0.022
rs73043264	T	-0.0494
rs9967630	A	-0.0166
rs147131403	C	-0.1108
rs12972155	C	-0.0186
rs12463003	G	-0.0212
rs11881591	A	-0.0305
rs148665192	C	0.0858
rs17722600	G	0.0579
rs10413641	G	0.0643
rs118095807	T	0.0793
rs118106683	C	0.0595
rs1051767	T	0.0251
rs4802605	T	0.0201
rs7248384	G	0.0338
rs887392	T	-0.02
rs4806994	C	0.0222
rs17658754	G	-0.0152
rs62108399	C	-0.0294
rs78414509	T	0.0922
rs10414030	A	0.0717
rs112340962	C	0.0533
rs55751608	T	0.0229
rs7258076	G	0.0291
rs59503543	G	0.0351
rs147121300	T	0.0506
rs78788427	T	0.1231
rs12977654	A	0.038
rs145247253	T	0.0205

rs10405015	G	-0.0242
rs455994	T	0.0277
rs11084823	C	-0.0197
rs73551586	C	-0.0184
rs752079	T	0.0494
rs4806834	T	0.0462
rs2304121	C	0.0227
rs8113132	T	-0.0149
rs55918926	T	0.0671
rs10418407	A	0.0203
rs10404778	A	0.0596
rs11671514	G	0.0585
rs73493653	A	-0.0865
rs4808111	G	0.0817
rs1650857	T	0.0215
rs117564136	T	-0.0307
rs77751458	C	0.047
rs78600275	A	0.0814
rs12461754	A	-0.0242
rs186715	G	0.0191
rs8103393	T	0.0261
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rs10404260	G	0.0288
rs6511938	T	-0.0186
rs2691269	A	-0.0213
rs117505142	G	0.0924
rs111665030	A	-0.0305
rs10414922	A	-0.0265
rs11672826	C	0.0316
rs12610729	T	-0.0202
rs62118885	A	-0.0317
rs75478653	A	-0.064
rs146054484	A	0.1028
rs144838856	A	-0.073
rs62101914	A	0.0446
rs17692472	C	0.0165
rs117430819	A	0.0558
rs62104913	A	0.023
rs62530961	T	-0.03
rs116944697	A	0.0501
rs4932806	T	0.0594
rs145176510	A	0.0348
rs140098757	G	-0.1073
rs10426311	T	0.0186
rs2287876	A	0.0158
rs56742042	G	-0.0206
rs886134	A	-0.0415

rs75783493	T	0.0212
rs12984777	A	0.0595
rs73039434	G	0.0351
rs12463156	A	0.015
rs11673214	G	-0.0237
rs72988267	A	0.0731
rs62125133	A	-0.1268
rs113751054	T	-0.0405
rs7250373	T	0.0272
rs73567252	C	0.1291
rs11083956	G	-0.0158
rs3815716	T	0.0285
rs59881416	A	0.038
rs302475	A	0.0331
rs10416704	G	-0.0327
rs11880333	T	0.037
rs142086401	A	0.066
rs140828840	T	-0.0497
rs143005749	A	-0.0697
rs2905563	T	0.0217
rs11668554	G	-0.0325
rs62130862	G	0.0171
rs28930680	G	0.0512
rs55806100	G	0.0174
rs10425594	A	-0.0145
rs78583701	A	-0.0271
rs265297	C	-0.0216
rs12975930	T	0.0562
rs62147270	A	-0.0273
rs71334752	A	-0.0543
rs138347150	T	-0.0507
rs1076230	G	-0.0151
rs4807441	T	0.0487
rs1541828	G	-0.0164
rs77136978	A	-0.0395
rs79287667	T	-0.1084
rs12462855	A	-0.0204
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rs56802269	T	-0.0265
rs11673555	T	0.0205
rs147993974	A	-0.1061
rs2003104	T	0.0468
rs67341842	C	0.0392
rs28723065	T	0.0238
rs8107814	T	0.026
rs7250829	C	0.0189
rs2080887	G	0.0145

rs111838035	C	-0.0866
rs3212762	G	0.0258
rs8113401	C	-0.0204
rs146091812	A	-0.1063
rs79476955	T	0.0466
rs17756538	T	0.0351
rs2074940	T	0.0177
rs12151269	T	0.0177
rs73010354	A	-0.0349
rs79089568	A	-0.0482
rs11668533	A	0.0164
rs17722016	T	-0.0314
rs67915840	T	-0.0215
rs216278	G	0.0575
rs11665917	A	-0.119
rs2041972	T	0.0169
rs62126390	T	-0.0292
rs117879916	A	0.0441
rs11880266	G	-0.0302
rs73054870	A	-0.0248
rs8101339	G	0.055
rs79057215	T	0.0428
rs139459590	G	0.0691
rs4926171	A	-0.0172
rs113495004	T	-0.0367
rs62128167	T	-0.073
rs11671544	C	0.0247
rs146179167	G	-0.0438
rs10404342	A	-0.0305
rs11667193	A	0.0149
rs76164526	G	0.0651
rs113832326	T	-0.1151
rs2421198	T	0.0174
rs11083670	G	-0.0211
rs149441832	G	0.0722
rs77400105	G	0.0764
rs918437	C	-0.0229
rs114475810	A	0.0564
rs1076513	A	0.0302
rs8104167	T	0.0145
rs35556583	A	-0.0413
rs376630	A	-0.0816
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rs117008645	T	0.0637
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rs144805360	C	-0.0783
rs10426111	T	-0.016
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rs58091556	A	0.0226
rs73012358	G	-0.0317
rs141871575	T	-0.0776
rs10412573	A	-0.0183
rs60163624	A	-0.035
rs147062575	G	0.0981
rs892043	A	0.0434
rs8101850	C	0.0817
rs147484747	A	-0.0996
rs1428641	T	0.0161
rs55675016	T	0.0371
rs139373421	T	0.0515
rs17272847	A	-0.0286
rs6510053	G	0.103
rs143027390	T	0.1142
rs266850	G	0.0184
rs7339707	T	0.0251
rs12151025	A	0.0798
rs148077963	A	-0.0907
rs2277986	G	-0.0207
rs77870392	A	-0.1016
rs2396237	T	0.0179
rs7256976	G	-0.0202
rs148552167	G	0.0716
rs36113692	G	0.0319
rs11879149	C	-0.0437
rs75052170	T	0.042
rs12984398	C	0.0727
rs74806369	G	-0.038
rs7255699	A	-0.0252
rs116672017	T	-0.0415
rs56227700	G	0.0155
rs7251310	T	-0.0713
rs118135160	G	0.0642
rs6512077	C	0.0137
rs4808069	C	0.0147
rs79955662	C	-0.0226
rs55893470	G	-0.0404
rs2314341	T	0.0219
rs10518272	A	-0.0392
rs75520557	G	0.062
rs9749331	G	-0.0246
rs12611304	T	0.0617

rs1701929	G	0.0186
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rs10423085	G	-0.0147
rs10410631	C	0.0164
rs17523436	A	-0.0168
rs12973215	A	0.0148
rs10404346	C	-0.0225
rs74182634	T	0.1214
rs78590319	T	0.0257
rs4806072	T	0.0169
rs150087786	C	0.1005
rs28535858	T	-0.0184
rs141387112	A	0.045
rs2293695	T	0.014
rs28654141	A	-0.0178
rs146174774	T	-0.0735
rs35643757	G	0.0168
rs10422256	G	0.0144
rs144971959	C	-0.1083
rs2079745	T	-0.0208
rs1122965	C	-0.0208
rs9749011	T	-0.0198
rs142259293	C	-0.0854
rs73052010	A	-0.027
rs138246871	G	-0.1115
rs117861489	G	0.087
rs74680322	C	-0.0559
rs75153965	G	0.0347
rs8109538	G	0.0166
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rs79853162	G	0.0507
rs56911564	A	0.0246
rs12980312	A	0.015
rs151225121	G	0.0609
rs76311470	T	0.0524
rs116927431	T	0.0824
rs60389477	G	-0.0403
rs759074	T	-0.0487
rs80132887	G	0.0768
rs6422428	T	-0.0455
rs7257503	A	0.016
rs117093686	A	-0.0919

rs1624358	T	0.0289
rs173665	A	-0.03
rs145145957	C	-0.1012
rs62104170	T	-0.0354
rs117837048	A	-0.0874
rs12985277	T	0.0166
rs140840112	C	-0.0916
rs2436531	T	-0.0191
rs8099837	T	-0.0393
rs73038312	T	0.0312
rs78640372	A	-0.049
rs141523228	T	-0.0561
rs10411961	G	0.0257
rs79659589	A	0.0847
rs79214812	T	0.0399
rs2569456	A	-0.0139
rs117000675	T	-0.0413
rs10424965	C	-0.0198
rs71337562	A	0.0424
rs2571168	T	-0.0181
rs73053193	A	0.0715
rs62126662	T	-0.037
rs150670916	C	-0.0206
rs117436540	A	0.0459
rs80153844	T	0.0706
rs11670874	C	-0.0146
rs147961011	A	0.0387
rs111662764	T	0.038
rs112261247	C	-0.0592
rs149563256	T	-0.0661
rs2867743	G	-0.0137
rs76142608	A	-0.0307
rs2860167	T	0.0307
rs16970394	T	-0.059
rs145113274	A	-0.1052
rs694398	A	-0.0168
rs34295059	T	-0.0683
rs117812926	G	0.0618
rs4807100	A	0.0164
rs139359536	G	0.057
rs117807208	T	0.0722
rs35154518	T	0.0301
rs78743260	C	-0.0359
rs73037015	C	0.0232
rs76210236	C	-0.0565
rs348347	A	0.0142
rs4801194	A	-0.0224

rs61740687	T	0.0432
rs75595663	A	-0.0447
rs150481707	A	0.1004
rs10407672	A	0.0194
rs117050996	G	0.0353
rs12973116	G	0.0148
rs118158898	A	-0.0879
rs74340166	A	0.0516
rs73029116	G	0.0559
rs11883381	T	-0.0247
rs2287826	A	0.0298
rs34226842	T	-0.1019
rs10415779	C	-0.0168
rs4805585	T	0.0229
rs146700252	A	0.0373
rs73016898	G	-0.0168
rs4807437	T	-0.017
rs73924266	T	-0.0459
rs77064335	G	-0.0875
rs8104920	G	0.0146
rs12386122	C	0.0185
rs61740405	C	-0.076
rs77629013	G	-0.0326
rs75270968	T	-0.0818
rs16990597	G	0.061
rs35183594	A	0.0312
rs10426965	C	-0.0199
rs2195976	A	0.019
rs78893384	C	0.0738
rs1678859	A	-0.0415
rs2303558	T	-0.0178
rs73005993	A	0.0447
rs35310199	A	-0.0189
rs73043217	T	-0.0279
rs117249591	G	0.0809
rs8109119	G	-0.0163
rs75051036	T	0.0275
rs115315881	A	0.0898
rs2278498	G	-0.015
rs735240	A	-0.0145
rs3760965	T	0.0182
rs77621954	C	-0.0295
rs35582299	A	-0.0845
rs3760897	C	-0.0217
rs338600	C	0.0175
rs115347106	A	-0.0204
rs114560719	A	-0.0666

rs8108799	A	0.0218
rs141213603	A	0.0514
rs281417	T	-0.016
rs12162264	A	-0.0206
rs55682720	A	-0.0832
rs4588099	A	-0.0195
rs150991061	C	0.0531
rs149720430	C	-0.0586
rs62115779	T	0.0285
rs117819314	T	0.104
rs115623921	T	0.0625
rs73030176	T	-0.0891
rs34185948	T	0.032
rs140529236	T	-0.0631
rs118042257	G	0.0616
rs1874490	C	-0.021
rs76359638	C	-0.0309
rs8100140	A	0.0194
rs379327	T	0.0227
rs34709	G	-0.0258
rs35779110	A	-0.018
rs8109494	C	-0.0328
rs11569438	T	-0.0226
rs112595450	C	-0.0462
rs55775021	T	-0.0167
rs12978780	G	0.0591
rs146753055	A	0.1133
rs384702	A	-0.0297
rs7246433	T	0.1037
rs6510863	C	0.0178
rs10401458	T	0.0152
rs148803111	A	0.0349
rs8110348	T	0.0197
rs78540044	C	0.0204
rs2238632	G	0.0157
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rs139826897	T	-0.1085
rs12974385	C	0.0166
rs55997260	C	-0.017
rs143263386	A	0.0539
rs62111293	C	-0.0322
rs10408691	C	-0.0152
rs745439	T	-0.0307
rs148374656	T	0.1085
rs148176304	C	0.0663
rs12972947	T	-0.0497
rs2965209	G	0.0252

rs12460030	T	0.0458
rs79365403	G	-0.0437
rs10404959	T	-0.014
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rs74359534	C	0.0358
rs72988579	G	-0.0679
rs740434	C	-0.0283
rs773920	T	-0.0136
rs2722643	G	0.0348
rs117979493	C	-0.0752
rs12981826	C	-0.0161
rs77213073	T	0.0747
rs117589420	C	0.0791
rs67578769	C	-0.0265
rs73044990	G	0.0323
rs78438952	A	-0.0834
rs10426634	G	0.0287
rs7257568	T	-0.0616
rs10854122	T	-0.0163
rs76965517	C	-0.057
rs3848581	G	0.0216
rs1968438	G	-0.0302
rs74885640	G	0.0338
rs145166658	G	-0.0333
rs8106432	G	0.0138
rs12971823	A	0.0278
rs407959	A	0.0192
rs75264675	C	-0.0805
rs139142345	T	-0.1071
rs648624	A	0.0163
rs150807336	G	-0.0789
rs8111866	A	-0.0258
rs7254171	C	-0.0163
rs111351579	G	-0.0203
rs111878140	T	-0.0221
rs142299722	T	-0.0651
rs73054282	A	-0.0168
rs4801212	T	-0.0271
rs78152814	C	-0.0471
rs9749556	C	-0.0311
rs11668282	C	0.0155
rs150394140	A	-0.0632
rs11879255	A	-0.0317
rs60154733	T	-0.0483
rs10426269	T	0.0195
rs139876278	G	0.077
rs150191918	G	0.0771

rs8110145	C	0.0206
rs73019238	T	0.0703
rs12977262	C	-0.0191
rs148051545	T	0.0853
rs75670219	A	0.0862
rs17719222	T	-0.0217
rs146062578	A	-0.0392
rs117548140	A	-0.0648
rs580168	G	-0.0204
rs279273	G	0.0272
rs73034545	T	-0.0952
rs190430	C	-0.0192
rs11669680	A	0.0139
rs17691755	G	-0.0177
rs62111684	G	0.0619
rs11666596	T	0.0182
rs3746307	T	0.0483
rs112215374	T	-0.0789
rs73005679	A	0.09
rs11083483	G	-0.0173
rs117750569	A	-0.0858
rs2043289	A	0.0299
rs35141123	A	-0.0392
rs78814973	A	-0.0499
rs4581824	G	0.017
rs4804511	C	-0.0176
rs35605606	A	-0.0189
rs73048160	T	0.0685
rs529807	T	-0.0194
rs73052055	A	0.037
rs117792869	T	-0.1092
rs112981548	C	-0.065
rs62131271	T	-0.0359
rs141987172	A	-0.0804
rs10853801	T	0.0131
rs11085852	T	-0.0209
rs60662795	A	-0.0216
rs141550019	G	0.0382
rs74322196	A	0.0282
rs73046809	G	0.0637
rs11667514	C	-0.0609
rs2898691	T	-0.0141
rs28619326	G	0.0647
rs73061949	T	0.0306
rs79319957	G	-0.0386
rs16980145	G	-0.0789
rs34187838	C	0.0456

rs34710	G	-0.0361
rs4807121	G	0.0172
rs1075403	T	0.0135
rs35992500	A	-0.0248
rs77338115	A	-0.0781
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rs12461888	G	0.0266
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rs4807087	A	-0.0135
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rs113551364	T	-0.0518
rs150800693	A	-0.0665
rs34197373	A	0.0258
rs62109953	T	0.0445
rs397191	A	0.0162
rs75043668	C	0.0337
rs12973387	T	0.0209
rs917545	G	0.0168
rs77628825	T	-0.0608
rs17654456	T	0.0191
rs58866020	C	-0.0327
rs11879029	A	-0.0246
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rs6511689	C	0.0147
rs4808115	G	0.0215
rs138291523	A	-0.0421
rs11084794	A	0.0289
rs1661178	T	-0.0245
rs11669020	A	-0.0137
rs3810169	T	-0.0388
rs111582818	A	0.0936
rs4575642	C	-0.0352
rs150385309	T	0.0853
rs79185030	A	-0.0731
rs112256852	T	-0.0336
rs7256423	A	0.0429
rs7359899	A	-0.0506
rs73540861	A	-0.0345
rs279203	C	0.0297
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rs7254938	C	0.02
rs147536256	A	0.0602

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rs11671930	C	0.0185
rs266852	T	-0.0153
rs34908470	G	0.0299
rs77757514	C	-0.0578
rs1971786	C	0.0302
rs11670127	A	-0.0208
rs142774060	G	0.0675
rs80191405	C	-0.0263
rs34373168	G	0.0587
rs149527935	A	-0.0465
rs113727581	G	-0.0219
rs9941464	T	0.0173
rs118120449	G	0.0562
rs2161568	A	-0.0228
rs80341032	A	0.0425
rs141446888	T	0.0474
rs113346399	A	0.0691
rs74702653	T	0.0291
rs11668094	G	0.0187
rs148437700	A	-0.05
rs73027361	C	-0.0415
rs1985857	G	-0.0429
rs1643483	A	0.0696
rs11667223	A	-0.0184
rs268889	G	0.0508
rs2965212	T	0.0165
rs138048435	C	-0.0932
rs55837102	T	0.0496
rs7247304	T	0.0226
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rs141519324	A	0.0842
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rs12971803	A	0.0341
rs12460407	C	0.015
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rs11673492	T	0.0169
rs2242520	A	0.0276
rs10404404	C	-0.0245
rs8107517	T	0.0147
rs78598082	T	-0.0594
rs73036613	T	-0.032

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rs4804788	T	0.0194
rs76297148	T	-0.0245
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rs8108561	G	0.0151
rs62105791	T	-0.0187
rs147351845	T	0.0403
rs145458243	T	-0.033
rs892050	T	0.0289
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rs3731004	G	0.0553
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rs117198353	A	0.1044
rs73042059	T	0.0713
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rs12971496	T	0.1165
rs10419994	T	0.0217
rs80189017	T	0.0236
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rs312927	A	-0.0225
rs73919801	A	0.0283
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rs116995809	G	-0.0745
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rs281398	T	0.0179
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rs35628877	T	-0.0301
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rs1859949	T	-0.013
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rs79822129	A	0.0456
rs55680309	A	-0.0408
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rs2091825	T	-0.0273
rs1542405	A	-0.0128
rs144040836	T	0.1112
rs117539667	A	0.0382
rs11880448	T	0.0266
rs145233574	T	0.0527
rs8100653	T	0.0234
rs2431820	C	0.03
rs78567512	C	-0.0822
rs73547564	A	-0.0655
rs34097184	C	-0.0862
rs1981828	C	-0.0162
rs34687255	A	0.0264
rs734108	A	-0.0196
rs4508531	T	0.0348
rs7408477	C	-0.0127
rs145287959	A	0.077
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rs8102392	A	-0.0199
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rs75759084	T	-0.061
rs1035395	T	0.0149
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rs8104151	G	0.0364
rs1645683	G	-0.0141
rs113844990	T	0.0795
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rs4804280	C	-0.0244
rs4806077	T	-0.0157
rs2312724	C	0.0249
rs2240037	A	0.0726
rs12981802	A	0.0215
rs59100151	A	0.0207
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rs73009474	G	0.0317
rs77525050	T	0.081
rs11669396	A	-0.022
rs11667245	T	0.0152
rs10416904	G	0.0257
rs73040130	C	-0.0346
rs2277996	C	0.0139
rs4808049	A	0.0177
rs55969411	A	-0.0937
rs8110912	T	-0.0127
rs7251594	C	-0.0233
rs77591688	T	0.0614
rs10403515	T	-0.0144
rs10402752	C	0.0191
rs11672683	T	-0.0158
rs12981831	T	0.0343
rs117374543	C	0.0476
rs7247652	T	-0.0269

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rs74257295	A	0.0498
rs112125416	A	-0.0356
rs10426628	A	-0.0174
rs10426272	A	0.0142
rs28377489	A	0.0134
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rs12976441	C	-0.0198
rs77578935	A	0.0583
rs78569322	G	0.0236
rs76943750	G	-0.0694
rs184623	G	-0.0131
rs530942	G	0.0206
rs12982003	G	0.0423
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rs4283339	A	-0.0138
rs58409493	C	-0.1015
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rs78642714	A	0.0269
rs79725225	T	-0.0354
rs1990575	T	-0.0254
rs11668173	A	0.0463
rs12976392	A	0.0358
rs8107133	T	-0.042
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rs62115159	G	-0.0174
rs11084280	G	0.0163
rs10418550	A	0.0139
rs73591965	A	0.02
rs76226804	A	-0.047
rs13344762	T	0.0122
rs10414883	G	0.0135
rs118079536	T	0.0486
rs2353017	T	0.0125
rs73043387	T	0.0525
rs6509718	A	-0.0149
rs60172994	T	-0.0325
rs62110837	T	0.0331
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rs72993589	A	0.0227
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rs118101548	C	-0.0875
rs111678424	C	-0.0653
rs111454238	T	-0.0524
rs8101137	T	0.0223
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rs77108053	T	-0.0731
rs112253475	G	0.0635
rs35950993	T	0.0311
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rs4801810	A	0.019
rs2230203	T	-0.021
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rs17601885	G	-0.0206
rs10409409	G	-0.0178
rs10413702	A	-0.0147
rs79836946	T	-0.0438
rs74826995	T	-0.034
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rs4807536	T	0.0312
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rs77962345	T	-0.0494
rs118189401	T	-0.0939
rs8108796	T	-0.0333
rs7255619	G	0.06
rs73022605	A	-0.0358
rs113607089	T	0.0556
rs56307120	C	0.0264
rs62121429	A	-0.0239
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rs2978642	T	-0.0155
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rs61736521	T	0.0304
rs75334886	C	0.045
rs4801696	C	0.0125
rs7255513	A	0.0415
rs887932	T	-0.0364
rs78904834	T	-0.0568
rs28379440	G	0.0225
rs62126490	G	-0.0531
rs76268506	T	0.0241
rs117040088	A	-0.0668
rs8110700	A	-0.0212
rs117255300	T	0.0605
rs12609984	T	-0.0167
rs73566656	A	0.0164
rs3745521	A	-0.0146
rs3920	A	0.0205
rs8103909	G	-0.0127
rs55995815	A	0.0154
rs4802705	C	-0.0151
rs77252054	A	0.0793
rs117088104	A	-0.0597
rs113973233	T	-0.089
rs77112780	G	-0.0643
rs2116951	G	-0.0511
rs118064953	T	0.0307
rs72479571	A	0.0162
rs10424436	G	-0.0247
rs12463358	T	-0.0597
rs12984891	C	-0.013
rs1368464	C	-0.0124
rs8100636	C	0.0593
rs61752561	A	0.0551
rs45617640	T	-0.0242

rs79657037	G	-0.0358
rs147040157	T	-0.0544
rs71363373	A	-0.0245
rs4804820	T	-0.0157
rs2043838	A	0.0358
rs76874382	G	0.0447
rs2434830	C	-0.013
rs10424816	C	-0.012
rs12984733	T	-0.0622
rs3816080	T	0.0183
rs12461154	G	0.0269
rs112724622	A	0.0628
rs10424113	C	0.0141
rs146580779	A	-0.0242
rs112344602	T	-0.0846
rs60753695	C	0.062
rs2283629	A	0.0333
rs346049	T	-0.0191
rs4804228	T	0.0152
rs247771	C	-0.013
rs2431866	A	0.0202
rs116530815	C	0.0377
rs10425914	A	-0.0332
rs7255690	G	0.0128
rs150347638	A	0.0736
rs1017092	A	0.0132
rs8108634	C	0.0789
rs62113889	A	0.0459
rs7251980	C	-0.0183
rs17584358	A	-0.0427
rs7247279	C	-0.0127
rs8103382	T	-0.023
rs2238635	A	-0.0124
rs62130406	G	-0.0216
rs11670442	T	0.0636
rs113235029	A	-0.0869
rs2110586	T	0.0159
rs35146757	T	-0.0162
rs3885743	T	-0.0194
rs73012976	A	0.0293
rs8103280	C	0.0132
rs56056787	A	0.044
rs11670021	G	-0.024
rs35760174	C	0.0839
rs62127924	G	0.0358
rs8105325	G	-0.0168
rs8100946	T	-0.0177

rs117339479	G	-0.0844
rs10405470	T	-0.0188
rs111450200	A	0.0726
rs145374795	C	-0.0489
rs111490130	T	0.0514
rs10423758	T	-0.0348
rs150215639	T	0.0386
rs1643492	T	0.0292
rs2071699	A	0.0742
rs45623435	C	-0.0246
rs117356106	C	0.0663
rs6510113	T	0.0458
rs1812927	A	-0.057
rs6508849	A	-0.0327
rs113075345	T	0.0475
rs6417255	T	-0.0173
rs2288544	T	-0.0146
rs118115723	T	0.0404
rs138562379	A	0.0981
rs4015	T	0.0143
rs112497863	A	0.094
rs6510692	C	-0.0141
rs4805420	C	-0.0108
rs2546056	T	-0.0212
rs140393702	T	0.0474
rs8109384	A	-0.0165
rs1862516	T	-0.0163
rs117642457	C	0.0548
rs117645372	A	-0.0184
rs11671281	T	-0.0126
rs4807576	A	-0.0173
rs16978945	C	0.0259
rs17534120	T	0.0491
rs478888	A	-0.0187
rs12985868	C	-0.0139
rs140220602	T	-0.0735
rs45500792	G	-0.0176
rs2112461	T	-0.0121
rs35648526	G	0.0572
rs10416379	T	0.02
rs77232410	G	0.0176
rs8106609	T	-0.0158
rs78388865	C	0.0298
rs77496345	A	0.0575
rs74178191	T	-0.0289
rs4806165	C	0.0151
rs111776823	A	0.0429

rs12459129	T	-0.0211
rs118146634	A	-0.0721
rs2912443	C	-0.0107
rs36040021	G	0.0141
rs73920181	A	0.0555
rs34495400	T	-0.0941
rs149991628	A	-0.0576
rs4299268	G	-0.0163
rs28565362	G	-0.0386
rs2901077	T	-0.033
rs112864784	G	0.0262
rs12972416	G	0.0204
rs74500071	T	-0.02
rs74841173	T	0.033
rs6511023	C	0.0311
rs7256794	C	0.0306
rs3794986	G	-0.0112
rs401886	A	-0.018
rs73056295	T	0.0444
rs118156145	C	-0.0397
rs148084320	A	0.063
rs117326757	T	0.0347
rs150558517	T	-0.0608
rs10409814	C	0.0288
rs17849971	A	0.0332
rs75116477	C	-0.038
rs7258466	T	-0.0165
rs7409459	T	0.0155
rs17434453	T	-0.0164
rs2613766	C	-0.0113
rs12979752	C	0.0116
rs8113615	C	0.0138
rs75588884	C	0.0427
rs2283628	C	0.0225
rs62126332	T	0.0931
rs13344920	T	0.0162
rs7409420	A	0.0431
rs350871	A	0.0132
rs11671453	A	0.0158
rs115190425	T	0.0305
rs8102845	G	0.0149
rs73024456	A	-0.0122
rs2602701	G	0.0141
rs3745920	G	0.0123
rs117777502	A	0.0585
rs144292856	A	-0.0467
rs17775938	A	-0.0292

rs73044299	C	0.0594
rs6509258	T	-0.0197
rs4808836	T	0.0134
rs34004825	A	0.029
rs112973163	C	-0.0589
rs56034303	A	0.0118
rs34559490	C	-0.0241
rs113799168	C	-0.0425
rs45510794	T	-0.0567
rs4802734	C	0.0191
rs11882563	G	-0.0215
rs61729813	G	0.0656
rs115185195	G	-0.0546
rs6510867	T	0.0182
rs8104986	A	-0.0161
rs74812357	T	-0.0537
rs116271726	C	-0.0386
rs8104741	T	0.0147
rs147110014	A	0.0439
rs2335192	T	-0.0129
rs17654580	C	-0.0122
rs75400807	T	-0.0276
rs74441035	T	-0.0464
rs339396	C	-0.0241
rs138254594	T	-0.0632
rs117512253	G	0.0934
rs35737609	A	-0.0704
rs287128	C	-0.0159
rs17701615	G	0.0113
rs17625918	A	-0.0226
rs1654245	G	-0.0142
rs10853977	G	-0.019
rs35262626	T	-0.0266
rs570880	T	0.0249
rs6014724	G	-0.138
rs142848510	A	0.2639
rs16998298	C	0.1245
rs6054767	G	0.2489
rs645544	G	-0.0623
rs16998572	C	-0.0971
rs11696501	G	0.0745
rs6041586	G	0.0615
rs3091556	A	-0.0602
rs2013603	T	0.0702
rs55853468	G	0.1221
rs6041716	T	-0.0602
rs2057244	T	-0.0583

rs1178036	A	-0.1762
rs41303935	G	0.0961
rs6044862	A	0.0827
rs11696646	T	-0.084
rs6080757	G	-0.0585
rs6104185	A	0.1353
rs2143606	G	-0.0558
rs6030646	C	0.0803
rs6022504	A	0.0828
rs34449811	C	0.1174
rs1555328	A	0.0571
rs1571173	A	0.1099
rs6097106	A	0.1082
rs6061764	A	0.0615
rs6034579	T	-0.2874
rs74625170	A	0.1101
rs6075903	C	0.0567
rs62202686	A	0.2546
rs6012200	G	0.0567
rs6126918	A	0.2627
rs459465	A	-0.0648
rs13044192	A	-0.4072
rs1000972	T	0.0532
rs13040601	T	-0.0556
rs116853339	A	-0.2286
rs73279864	T	0.0885
rs80308467	A	-0.3046
rs1358782	A	-0.0677
rs911158	A	0.0506
rs6092422	A	0.1618
rs78466056	T	0.4142
rs2296530	A	-0.0803
rs78209042	T	-0.2068
rs805765	T	-0.0613
rs76605340	T	-0.2594
rs56132615	A	0.1845
rs2424837	T	-0.0756
rs16981473	C	0.1686
rs6045446	A	-0.0764
rs149406558	G	-0.2257
rs6140190	A	0.1549
rs6090488	C	0.102
rs58697888	G	0.1466
rs141452643	G	0.2693
rs74173701	A	0.1037
rs6060052	T	0.0508
rs62208537	A	-0.2361

rs117097242	A	-0.1797
rs73101449	A	0.0827
rs1009737	C	0.0647
rs4811987	T	-0.0798
rs60838743	C	0.134
rs78140317	C	0.0793
rs707544	C	0.0818
rs17317153	T	-0.0762
rs112481118	C	0.2443
rs60192794	C	0.1095
rs1995995	C	0.0879
rs41304796	T	0.1638
rs73106041	C	0.1364
rs6053024	T	-0.0508
rs73139544	G	0.1363
rs6097963	G	0.2671
rs2296036	G	0.0801
rs516681	G	0.148
rs117606004	T	0.1407
rs6086839	A	-0.0928
rs117141369	G	0.2292
rs73115543	T	0.298
rs6014757	A	-0.0675
rs2876443	G	0.0508
rs6022041	C	-0.0734
rs6093370	T	-0.101
rs6111030	T	0.0619
rs73605573	G	-0.1317
rs2295097	C	0.0996
rs12480869	C	0.1248
rs6046832	C	0.0492
rs151159181	C	0.2049
rs78916769	G	-0.1955
rs55849179	C	-0.0988
rs6096747	G	0.0528
rs6030245	C	0.0562
rs62206655	A	-0.0683
rs62202904	A	-0.0787
rs2267908	G	-0.0523
rs817370	C	-0.0636
rs8122324	C	0.1615
rs3887942	G	-0.0768
rs73115905	C	0.1161
rs7272789	C	0.0636
rs6048364	A	0.0945
rs6097527	T	-0.0557
rs150037457	C	-0.2397

rs117881740	C	0.1946
rs34219895	G	0.0709
rs589493	A	0.054
rs141983487	C	0.2734
rs73126576	C	-0.2153
rs742640	C	0.1533
rs17878755	T	0.0539
rs79197234	C	-0.1732
rs6579121	C	0.0649
rs117354530	G	0.2369
rs77092482	A	0.1228
rs1293421	T	0.0481
rs76915117	A	0.1163
rs452159	T	0.0619
rs6051365	C	0.1073
rs77296076	A	-0.0964
rs8121085	G	0.2281
rs77114334	T	-0.1386
rs6070776	T	0.0672
rs35509856	A	0.2861
rs6138488	C	0.0469
rs598817	A	-0.0991
rs73171753	T	-0.1649
rs6037269	G	0.0926
rs6036638	C	-0.0454
rs11700296	A	0.1281
rs805545	T	0.0684
rs6047122	C	0.0552
rs13039840	T	0.0699
rs77611985	G	0.3304
rs1997902	A	0.0482
rs73075758	T	-0.2236
rs6063019	A	0.1793
rs873131	T	0.0812
rs2983644	C	-0.0448
rs76160395	A	0.2128
rs4253449	A	0.1268
rs113051433	C	0.1578
rs6077681	C	0.0955
rs6033550	T	0.0476
rs204763	G	-0.0897
rs1292197	G	-0.0472
rs6136226	A	-0.0578
rs112658156	A	0.3113
rs45627731	T	0.2204
rs35045887	T	0.0584
rs6073791	A	0.098

rs73093063	T	0.1776
rs12479750	C	0.063
rs2327205	T	0.045
rs1099620	C	-0.0653
rs140276176	T	0.1754
rs6077712	T	0.0632
rs35591772	G	0.0506
rs10485758	C	0.0963
rs112325806	G	-0.1576
rs4811325	C	-0.0865
rs6137886	G	-0.1023
rs56292332	T	0.0706
rs6014870	T	0.0446
rs7265616	C	0.1987
rs6020985	A	-0.1894
rs6141040	T	0.0436
rs6106621	T	-0.0772
rs6070703	T	-0.0724
rs73296454	A	-0.089
rs77550621	G	0.1853
rs2870036	A	0.0568
rs117655659	T	0.294
rs79648789	T	-0.2395
rs4810135	G	0.0602
rs6110969	T	0.0838
rs6139617	G	0.053
rs76154472	A	-0.1352
rs73124405	T	0.161
rs62206457	T	-0.0919
rs2032517	A	0.0498
rs8119733	T	-0.0457
rs6076594	T	-0.0513
rs6128820	A	-0.0529
rs61371065	T	0.0923
rs79188925	T	0.1358
rs140414288	T	0.1138
rs62192061	A	0.0649
rs11697711	C	0.1516
rs1051312	C	0.0551
rs62191440	C	0.0491
rs76543098	C	-0.2692
rs1205706	T	0.0593
rs6125162	T	0.181
rs73899394	A	0.2182
rs17718943	G	-0.0849
rs79344813	A	0.1846
rs16983293	G	-0.1127

rs59453567	T	0.0564
rs8124973	G	-0.0656
rs2426939	C	-0.0491
rs6052765	T	0.1385
rs3848729	T	-0.0496
rs41311304	T	-0.2128
rs13038618	G	0.0965
rs77988558	C	0.1447
rs6040609	G	0.1084
rs2425781	T	-0.0635
rs7263067	G	0.0734
rs75499349	G	0.1201
rs56194415	T	0.14
rs6127812	A	0.0695
rs138628498	A	0.3061
rs3932649	C	0.1556
rs8121538	C	-0.2003
rs6107835	G	-0.0925
rs118047570	C	-0.1808
rs6128069	T	-0.0893
rs140787166	T	0.1386
rs6064926	A	-0.2053
rs6084673	A	-0.0607
rs74173666	A	-0.078
rs112003677	T	0.1882
rs6080948	A	0.0513
rs6089041	G	-0.0822
rs6025056	G	-0.0839
rs6087851	C	-0.1609
rs6021571	T	0.0452
rs35442028	G	0.0745
rs1741322	A	0.0964
rs73073684	G	0.2947
rs75663458	A	0.1392
rs62206372	A	0.1376
rs4142364	A	-0.0493
rs35530561	C	-0.0489
rs118135623	A	0.1921
rs2251544	G	0.0732
rs126912	A	0.1796
rs143585175	T	0.1421
rs2868767	G	0.0552
rs78319408	A	0.1117
rs362988	A	0.043
rs6041947	G	0.0553
rs117303436	T	0.1098
rs6579061	G	0.0417

rs113895982	A	0.1193
rs6089578	G	0.0512
rs6084563	C	0.0463
rs6095076	A	-0.0473
rs6096573	T	0.042
rs6140864	G	0.3124
rs11699478	A	-0.0754
rs6133090	G	0.1689
rs17675492	A	0.0884
rs2426231	A	-0.0677
rs74177992	C	0.1022
rs6067985	A	-0.0946
rs1476359	C	0.0496
rs6099660	T	-0.046
rs73135933	A	0.2115
rs116896328	G	0.1171
rs6015877	A	0.0444
rs1806726	T	0.0787
rs6115019	A	0.1801
rs139688562	C	0.3511
rs62206176	C	-0.0721
rs4811899	C	-0.0725
rs6042462	T	0.0492
rs1124984	A	0.0669
rs1206760	G	0.0412
rs117587618	C	0.1629
rs6035155	T	0.0446
rs74884316	T	0.0638
rs6014125	G	-0.0505
rs6010772	C	-0.0565
rs6042873	C	-0.0413
rs79572225	A	-0.1899
rs79944692	T	0.1011
rs8121978	T	0.1985
rs6071347	T	-0.0445
rs6059501	A	0.0429
rs4810717	G	0.0709
rs6010880	A	0.0555
rs11698061	T	-0.2358
rs62203513	A	0.0682
rs73087799	A	0.1301
rs5743509	T	-0.0855
rs175269	G	-0.0417
rs73900230	T	0.0533
rs11905507	T	-0.0871
rs6108325	G	0.0778
rs6016697	A	0.118

rs74559361	T	0.1225
rs221981	A	-0.0878
rs17735762	T	-0.046
rs61555085	G	-0.1617
rs6134452	A	-0.056
rs6096218	T	0.072
rs148293728	A	-0.1571
rs4813238	T	-0.0418
rs6035728	G	-0.0505
rs243888	A	0.0405
rs117342653	T	0.2223
rs6081085	T	-0.0424
rs34152020	T	0.0683
rs2179446	A	-0.0542
rs142019101	A	0.1905
rs141679325	A	-0.0618
rs117189977	T	-0.185
rs55962189	T	0.0453
rs6092650	G	0.2141
rs909864	T	-0.1257
rs928628	A	-0.0432
rs6075793	A	-0.2635
rs6032173	C	0.0595
rs6027629	T	0.1253
rs113920370	T	0.1287
rs1811854	T	0.1736
rs2427460	C	-0.0449
rs17389284	C	-0.0552
rs297687	C	-0.1355
rs7263666	G	0.1432
rs6019114	T	-0.0655
rs77688198	T	-0.0952
rs34262267	C	0.0682
rs17791789	A	-0.0794
rs4812052	C	0.0402
rs143887340	C	-0.2024
rs10485569	A	0.0575
rs2076642	T	0.0484
rs77539487	T	0.1163
rs910526	A	0.0646
rs4811160	G	0.0497
rs111933191	A	0.1038
rs67651474	C	-0.2674
rs62215281	T	-0.0756
rs148330613	T	-0.2139
rs6128904	T	0.0538
rs77317874	C	-0.16

rs2427016	T	-0.0735
rs11696419	T	-0.0568
rs115118980	A	0.1572
rs74338736	G	0.1658
rs2426689	T	-0.0479
rs17755028	T	0.0484
rs6122960	A	-0.0753
rs6034152	A	-0.0664
rs7270505	G	-0.0746
rs150082598	T	0.3133
rs765148	A	-0.0387
rs6021835	T	-0.0405
rs2280094	A	-0.0522
rs2296902	G	0.0434
rs117615713	T	0.1719
rs73290096	T	0.1727
rs6059018	G	0.0436
rs2145006	C	0.0412
rs77341270	G	0.1636
rs55797245	T	0.1732
rs6055747	T	0.0873
rs6111448	A	-0.071
rs141816791	T	0.1298
rs3091588	G	-0.0615
rs79568533	A	0.1313
rs6128516	A	-0.0419
rs6102805	G	0.0389
rs1578462	C	0.0478
rs113450717	A	0.2664
rs6063716	A	-0.0517
rs116943524	G	0.1126
rs7268780	A	-0.0559
rs6069751	T	-0.0464
rs17662931	A	0.0874
rs6095638	G	-0.0766
rs6104571	G	-0.0389
rs78604342	T	0.1698
rs6068959	T	-0.0417
rs117883537	G	-0.1255
rs6096540	C	-0.0472
rs113784601	T	0.075
rs6123685	A	0.0546
rs2741378	T	-0.0444
rs6130672	T	0.4095
rs8124775	G	-0.0726
rs6026349	T	-0.0476
rs113451453	A	0.0642

rs79542566	G	0.1542
rs73246971	T	-0.0747
rs557446	C	-0.043
rs77261114	A	0.202
rs78040083	A	0.0968
rs76427041	T	0.0861
rs10485739	G	-0.0394
rs73136339	A	0.2199
rs13042951	A	-0.0677
rs117069665	A	0.2484
rs73081844	G	0.1957
rs76371883	A	0.3443
rs143933999	T	0.2406
rs111785219	C	-0.1001
rs76448725	C	-0.1772
rs6142696	G	0.1064
rs62204030	G	-0.1484
rs6075358	A	0.0556
rs112651437	C	-0.2386
rs117533979	A	-0.1104
rs77820885	C	0.1939
rs2585448	G	0.0518
rs768445	C	-0.0386
rs60327107	A	0.0845
rs11698550	T	0.0668
rs8123677	T	-0.1065
rs28628698	C	-0.0761
rs11698671	C	-0.0395
rs79900762	A	0.1916
rs151029951	C	0.2421
rs1741629	G	-0.1422
rs2179824	A	0.0372
rs35953837	T	-0.1144
rs6018447	G	0.0469
rs4810750	A	-0.0375
rs73288608	G	0.2526
rs6041105	A	-0.04
rs6133451	A	-0.0593
rs144190733	G	0.1316
rs17254239	T	0.3117
rs116870353	G	0.1717
rs8119682	T	-0.1467
rs12481572	T	-0.1911
rs2427335	T	-0.045
rs1412980	G	-0.0432
rs34919557	T	0.0767
rs55675204	T	-0.1362

rs6048374	A	-0.0402
rs6045685	A	0.1672
rs6081522	A	0.0793
rs4999429	T	-0.0527
rs1299154	A	0.0515
rs56162037	C	0.0773
rs6070263	G	-0.0404
rs73306692	T	-0.0459
rs17459753	G	0.1065
rs1010180	G	-0.0469
rs6077124	A	-0.0532
rs4816116	G	0.0497
rs12480978	T	-0.1478
rs372398	A	0.0777
rs79300723	G	0.0948
rs6014770	T	0.0502
rs2425634	T	-0.0521
rs115861310	T	0.1757
rs75602346	A	-0.1232
rs140592303	T	-0.2702
rs118184148	T	0.2465
rs11907005	A	-0.0476
rs79287822	T	0.1059
rs113447988	A	0.0693
rs7261672	G	-0.0494
rs6048356	G	0.0564
rs140001793	T	0.205
rs6107634	T	-0.059
rs2328621	C	0.0506
rs4810422	A	0.0496
rs6039300	G	-0.0569
rs13045581	G	-0.2168
rs6015371	C	-0.0457
rs6073889	T	0.1026
rs6118046	T	0.0576
rs77480718	G	0.0832
rs6136182	A	-0.099
rs62193988	A	0.0769
rs7260891	A	0.0383
rs11698673	A	0.0879
rs113963381	T	-0.1065
rs6128983	G	-0.0827
rs6129229	G	0.0797
rs1538070	C	-0.1217
rs1934914	C	-0.0388
rs6068995	G	-0.0424
rs1406965	T	0.0378

rs147042920	C	-0.2429
rs199578	G	0.0381
rs112830290	A	0.201
rs117322579	T	0.1403
rs7262150	C	0.0591
rs6082278	C	0.0409
rs16993912	C	0.0434
rs145212747	C	-0.0867
rs6131316	T	-0.055
rs2012987	G	-0.078
rs116196448	C	-0.2126
rs74809874	A	-0.223
rs6025579	T	-0.0449
rs4815836	C	0.0446
rs56357143	T	0.1328
rs147687527	T	0.2065
rs992849	G	0.0391
rs11696702	G	0.0888
rs6045594	T	-0.0381
rs6126688	C	0.0423
rs748454	G	0.0502
rs77767539	A	-0.2248
rs2515692	T	0.12
rs3852917	T	-0.1218
rs11699310	A	-0.3022
rs158520	T	0.0386
rs6065130	T	-0.0477
rs6097197	G	-0.0381
rs149194705	G	0.2173
rs2345383	T	0.0717
rs75523881	T	0.117
rs75071369	A	-0.1135
rs11698919	G	0.087
rs6066562	C	0.1092
rs79056432	A	0.0902
rs75001629	T	-0.1919
rs6035176	G	-0.0571
rs1810581	G	0.0578
rs73601871	T	-0.0522
rs6022619	A	-0.0566
rs946190	T	0.0458
rs984922	T	0.04
rs76924356	A	-0.2974
rs6120777	A	-0.0471
rs6107950	C	0.209
rs147500264	T	0.1943
rs1233763	C	0.0458

rs118062269	G	0.0519
rs73088093	T	-0.1269
rs118047089	T	-0.2882
rs75491120	T	0.1518
rs201593	G	0.0365
rs6116078	T	0.0646
rs6029263	A	-0.0416
rs113349321	C	0.2116
rs126180	T	0.0641
rs58480446	A	-0.0413
rs6035618	T	-0.1637
rs74177340	T	0.0634
rs66623438	T	-0.1621
rs73176798	A	0.2654
rs6022716	G	0.0358
rs78158906	A	0.184
rs75041355	A	0.1368
rs74181503	C	-0.0671
rs73303898	G	-0.2217
rs6107569	A	-0.0647
rs117775772	A	0.1512
rs8117869	C	0.1718
rs503273	T	0.0582
rs73113528	G	-0.0765
rs1155840	T	0.0404
rs6042566	G	0.1651
rs138212238	C	0.2221
rs73101272	G	0.1119
rs113638172	A	-0.2297
rs11696579	T	0.0474
rs117436614	T	0.2468
rs117600478	G	0.1616
rs2180689	T	-0.087
rs141788278	A	0.181
rs3787186	T	-0.0405
rs6103071	C	-0.0897
rs6077701	G	0.1608
rs34009042	A	0.2053
rs4815461	A	-0.0541
rs9808594	T	-0.0479
rs73102784	G	0.0641
rs230012	C	-0.0432
rs852029	G	-0.0655
rs6095519	T	-0.1639
rs73914814	G	0.1434
rs6017995	G	-0.0593
rs62195862	C	-0.0547

rs113061298	T	0.1393
rs117984698	A	0.1795
rs6080076	G	-0.0368
rs4647954	C	-0.0446
rs112525338	T	-0.0659
rs62214557	G	-0.0815
rs6073101	T	0.0548
rs6045738	A	-0.0394
rs6109592	C	0.0421
rs62203917	T	-0.0467
rs73622240	G	-0.0629
rs6036207	T	-0.0918
rs74723987	G	0.1282
rs6120277	C	0.1306
rs150912889	A	0.1578
rs113580784	A	0.1627
rs13044963	A	0.0377
rs78036974	G	0.2239
rs34241446	G	0.0855
rs4925200	A	-0.0676
rs117776204	A	-0.1834
rs6030469	T	-0.0573
rs2208277	T	0.0404
rs140469670	G	0.1378
rs3746726	G	-0.0367
rs6064783	A	-0.0446
rs7266260	C	0.2468
rs6136938	A	0.0348
rs1556177	A	-0.0515
rs118071989	A	0.1537
rs1818403	C	-0.0569
rs12151943	A	-0.051
rs11086869	C	0.0438
rs2426846	C	-0.0446
rs2328224	T	0.0465
rs17263841	A	-0.0762
rs127433	C	-0.0456
rs117112202	A	-0.1505
rs8122331	A	0.1093
rs144462079	C	0.1428
rs2747565	A	-0.0443
rs6075087	T	-0.0635
rs4407318	G	0.0453
rs143607690	T	0.1483
rs111390691	G	0.0956
rs148063780	T	0.2644
rs6090775	C	0.0467

rs2143205	T	-0.0364
rs67040509	C	0.0667
rs2425256	A	0.0486
rs138021289	G	-0.1308
rs1321000	A	-0.0389
rs6111721	A	0.0438
rs745455	A	0.0357
rs6017418	A	0.0457
rs62212659	A	-0.1805
rs146560730	T	0.1419
rs6029111	A	0.0548
rs17745751	T	0.0804
rs73609690	T	0.0547
rs6063020	T	0.0395
rs6080086	G	0.0463
rs2865376	T	0.0402
rs41278222	T	-0.0745
rs6034834	C	0.123
rs6042797	A	0.1693
rs117577908	A	-0.287
rs7271253	C	0.1481
rs73154607	T	0.1271
rs6061867	T	-0.0407
rs112952740	T	0.2372
rs6075795	A	0.1182
rs148902838	A	-0.2052
rs8124675	A	-0.0365
rs71349703	T	0.0607
rs16985218	G	0.0714
rs1035179	T	-0.0625
rs13041010	A	-0.0477
rs805763	G	0.0374
rs6081198	T	0.0527
rs76657242	T	0.1392
rs946359	T	-0.0455
rs8125576	T	0.0853
rs140937894	A	0.2179
rs77100629	A	0.0847
rs147955628	A	0.1419
rs1407766	A	0.0436
rs4544513	T	-0.0372
rs6057822	T	-0.203
rs142239264	T	-0.1543
rs6013418	T	0.0644
rs13038635	G	-0.0475
rs13043114	A	-0.0408
rs16987875	C	0.0912

rs78989595	T	0.1316
rs78274946	G	-0.2196
rs117870831	A	-0.2539
rs79951784	T	-0.0556
rs1576399	T	-0.1181
rs999113	A	0.1148
rs6139531	C	-0.0749
rs149036826	C	0.1738
rs79798489	G	0.1583
rs6092877	A	0.1394
rs151347	T	-0.0351
rs73122473	G	0.1043
rs3971	G	0.04
rs8116756	T	-0.0655
rs62201870	T	-0.2039
rs6137241	G	0.0422
rs7352928	C	0.0516
rs6025975	G	-0.0452
rs138603457	T	-0.277
rs17192951	T	0.2165
rs35820183	C	0.1015
rs1739591	C	0.0387
rs118012180	T	0.2842
rs117049595	T	-0.2122
rs117457932	G	0.1186
rs142246918	A	0.1825
rs66891574	A	0.0716
rs76030870	A	0.2628
rs116906545	T	0.1609
rs6108342	A	-0.1362
rs139484064	C	-0.2497
rs6086511	C	0.0446
rs45543134	A	0.0811
rs7269064	G	-0.1592
rs2221146	C	-0.1383
rs7264694	C	0.047
rs6050798	T	0.0357
rs1630688	T	-0.0417
rs60511857	A	-0.1784
rs2425771	A	-0.0845
rs148628498	A	-0.26
rs6140478	G	0.0467
rs6011190	A	0.1016
rs236716	A	0.1007
rs6112403	G	0.1579
rs148037488	C	-0.2468
rs28545707	G	0.0903

rs147102700	A	-0.1336
rs7362194	A	-0.0511
rs74592033	A	0.066
rs6022524	C	0.0869
rs143122640	T	0.1768
rs328500	T	-0.0436
rs214380	A	0.042
rs78230758	T	-0.1832
rs61281922	C	-0.0765
rs142244311	C	-0.2281
rs34722213	A	-0.0379
rs543749	T	-0.0546
rs115109271	T	0.0699
rs6042800	C	0.0344
rs55678760	C	0.0567
rs2294213	G	0.0557
rs146754677	C	0.1424
rs147196636	A	-0.148
rs6074345	G	0.0536
rs11699613	C	0.0497
rs932529	A	-0.0367
rs62205303	T	0.0737
rs1830574	A	-0.0372
rs117061356	A	-0.1539
rs6019561	A	0.2004
rs7351882	T	0.3239
rs80190239	A	-0.1612
rs6023476	T	-0.0646
rs1415389	C	0.1799
rs6035231	T	-0.0351
rs117294439	A	-0.1394
rs6123263	G	-0.2325
rs78680137	T	0.2606
rs6010685	T	-0.0843
rs62190559	T	0.1267
rs6106033	G	0.0575
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rs528560	T	-0.0359
rs2995726	A	-0.0344
rs3907202	G	0.1507
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rs6063426	G	-0.0385
rs742992	A	0.09
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rs72623593	A	0.2148

rs62215669	A	-0.0898
rs4991935	G	-0.041
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rs147618609	G	0.2141
rs6113886	A	0.046
rs73106131	T	-0.1351
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rs74174957	T	0.188
rs117883615	T	0.163
rs6081798	A	0.1442
rs1884646	C	-0.064
rs116924205	A	0.2576
rs78785789	C	0.1054
rs6031580	A	-0.0381
rs118007863	T	-0.0804
rs16999466	C	-0.1611
rs118022956	C	0.1563
rs78648341	A	0.2991
rs142306754	G	0.2049
rs6515097	T	-0.0338
rs78421082	T	0.2217
rs34671967	T	-0.1023
rs6136816	G	-0.0516
rs6108374	G	-0.0416
rs149105797	A	-0.113
rs12625239	G	-0.0395
rs73142080	C	0.1204
rs116953268	A	-0.1207
rs6022905	A	-0.0812
rs751626	A	-0.1461
rs10485815	T	0.0568
rs6032172	A	-0.0358
rs3789352	T	0.0659
rs111799781	A	0.1642
rs1041272	A	-0.0484
rs34565083	G	0.0351
rs6041979	C	0.1103
rs74531068	T	-0.1303
rs3915736	G	0.0411
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rs117545125	A	0.173
rs6034089	C	-0.179
rs6128297	A	0.0769
rs6076798	G	0.0409
rs6033047	A	0.0589
rs2904492	C	0.0419
rs6017341	G	0.1879

rs11697735	A	-0.0421
rs2427620	T	-0.0414
rs1232556	A	0.0902
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rs175256	C	0.0466
rs6082193	T	0.0377
rs910950	T	-0.0617
rs142950903	G	0.2163
rs6090818	G	0.0463
rs66678311	G	-0.0592
rs237087	T	0.1776
rs6027680	A	-0.0354
rs34281058	C	0.1468
rs986831	A	0.0339
rs13045381	A	0.0602
rs6041019	T	-0.0438
rs138435071	T	-0.2071
rs6061104	G	0.0388
rs143440097	T	0.1005
rs2425484	C	0.0448
rs6139917	C	-0.1526
rs118072523	T	-0.2132
rs141460459	C	-0.3394
rs74777463	C	-0.1059
rs2027237	C	0.0361
rs232728	T	-0.044
rs1876728	C	-0.0406
rs2870037	A	0.145
rs117714649	A	0.0887
rs2294569	A	0.1398
rs12481021	G	0.0351
rs76947815	C	0.1139
rs6052127	A	-0.047
rs79655286	C	0.1273
rs56213147	C	-0.1353
rs1984422	C	0.0732
rs12480835	G	0.0589
rs112363401	C	0.1121
rs71349790	G	-0.1765
rs144047332	G	0.164
rs752255	C	-0.0372
rs73112279	T	-0.0327
rs2746617	G	-0.0329
rs79037510	C	-0.1585
rs117158549	T	0.1207
rs78572314	T	0.1608
rs6131981	C	-0.0684

rs7364004	A	0.1528
rs141114940	A	0.2341
rs2876410	A	-0.046
rs73131309	T	0.1216
rs113048268	T	0.2171
rs6050878	G	0.0483
rs6033753	G	0.0383
rs117032899	G	0.1386
rs67896217	T	0.1017
rs6134628	T	-0.0553
rs2057251	A	0.0367
rs2867061	T	-0.0347
rs6105537	T	0.047
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rs6069260	A	0.0553
rs117952578	A	0.1037
rs78914578	T	0.1908
rs144927179	T	0.2136
rs62209645	G	-0.0345
rs12481459	A	-0.0632
rs149272737	A	0.123
rs13039016	T	-0.0467
rs149438989	T	-0.2716
rs6016836	G	0.1309
rs6028974	C	0.0405
rs6074042	C	0.0404
rs560866	G	0.0325
rs111624194	A	0.168
rs74175412	C	-0.0626
rs6102659	T	-0.0371
rs41417848	A	0.205
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rs6040555	A	-0.0365
rs4810498	G	-0.0859
rs2327097	A	0.0418
rs6116870	C	-0.0484
rs75716375	T	0.1445
rs146247910	T	-0.1313
rs6014831	C	-0.0579
rs1014756	A	0.0336
rs4142036	T	0.0539
rs2426036	T	0.0591
rs10084511	T	0.1025
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rs12481368	T	-0.0772
rs12625241	C	-0.0354
rs6133365	G	0.0598

rs78874589	T	-0.2017
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rs238653	C	-0.0458
rs13040103	A	-0.0429
rs927877	G	0.0375
rs2427209	T	0.086
rs2236176	T	0.0454
rs117894370	G	0.285
rs1811130	C	-0.0374
rs12626069	C	-0.1175
rs6022682	A	0.041
rs80097203	T	-0.2322
rs77770871	T	0.2098
rs12481296	G	-0.0743
rs7267819	A	-0.0329
rs6140790	G	-0.0654
rs73067904	A	0.0674
rs138821006	A	-0.1185
rs13040401	G	0.0686
rs204658	A	0.0489
rs72645276	T	-0.1577
rs5014588	T	0.0336
rs145660046	C	-0.131
rs2179706	T	0.0327
rs927920	A	-0.0327
rs8116479	C	0.1096
rs55637163	A	-0.0917
rs517578	T	-0.033
rs4589818	T	-0.0517
rs234629	G	-0.0335
rs817698	G	0.0518
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rs1987144	C	0.0396
rs117191302	G	0.2012
rs77895405	G	-0.0762
rs6040807	T	-0.0421
rs8117890	T	0.0529
rs7264095	C	-0.0422
rs6139971	T	-0.0483
rs240752	C	-0.0393
rs60038425	A	0.0545
rs149845567	A	0.1714
rs144729301	G	-0.1265
rs34138151	G	-0.1116
rs6049296	G	-0.1046
rs775130	T	-0.2076
rs78671270	A	-0.1401

rs28542509	A	0.0389
rs2093892	A	0.0333
rs62216863	T	0.0413
rs13042833	T	0.0391
rs75722502	A	-0.0978
rs76030862	C	0.2441
rs116879215	G	0.1167
rs144893052	C	0.1422
rs117637533	T	0.138
rs117213816	T	-0.1491
rs66850751	C	-0.0666
rs139119810	T	0.2572
rs140859191	A	-0.244
rs142601116	A	0.1676
rs6044355	A	0.0353
rs3748486	T	-0.039
rs76212684	A	-0.0661
rs6034344	G	-0.0598
rs34969280	A	0.0378
rs73598845	G	-0.0935
rs79453392	A	0.0976
rs6512483	A	-0.1245
rs6011585	T	-0.0368
rs16989237	G	0.1
rs723561	T	0.0658
rs150479131	T	0.2664
rs80048781	A	0.1615
rs6054808	A	0.0594
rs62202788	C	-0.0871
rs34470600	A	0.1613
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rs112102760	G	0.0808
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rs6084490	A	-0.0491
rs6039513	G	-0.0438
rs199607	A	-0.0687
rs148967444	A	-0.1344
rs804620	T	0.0684
rs147407527	A	-0.2277
rs6039069	C	0.0645
rs1987979	T	-0.0422

rs4810782	A	0.0344
rs149394867	T	-0.1874
rs74319215	T	0.1023
rs6071594	C	0.0708
rs117452095	C	0.1935
rs2423020	T	-0.0331
rs6104943	T	-0.0749
rs79310836	C	-0.1649
rs78683858	C	0.0705
rs6019852	A	-0.0608
rs148975794	G	-0.1644
rs6035026	G	0.0319
rs142699857	T	0.1466
rs3752560	A	0.1422
rs75254796	G	-0.1482
rs6011434	T	0.053
rs35675136	T	-0.0438
rs1999086	C	-0.0382
rs6046580	A	-0.043
rs62201014	A	-0.1548
rs4814193	C	-0.0443
rs34599904	T	0.1089
rs6133556	T	0.052
rs2681110	C	-0.0612
rs6110500	T	-0.0354
rs4815667	T	0.1242
rs6082387	T	0.0342
rs827948	T	-0.0322
rs6097838	T	0.1719
rs8117354	T	-0.0457
rs113739600	T	-0.0831
rs117907193	G	-0.1879
rs34584569	G	-0.1072
rs2143199	G	0.033
rs6041027	A	0.0344
rs117245656	G	0.0703
rs199559	C	0.0541
rs3091995	G	0.041
rs113502877	T	0.0408
rs141289971	T	-0.1606
rs6089255	T	0.0427
rs911351	G	0.0372
rs6083498	T	-0.1024
rs744779	T	-0.0769
rs62198908	G	-0.2583
rs6135063	T	0.0653
rs2327129	G	-0.0411

rs6133610	T	-0.0516
rs6015734	C	0.0479
rs76994098	A	-0.0642
rs6062643	A	0.0574
rs1776252	C	-0.0762
rs6087786	T	-0.0356
rs6063841	A	0.0309
rs117469189	C	-0.1508
rs112876579	T	0.2422
rs7262895	C	0.2058
rs73091590	T	0.1314
rs4812060	G	0.1146
rs118096590	T	0.2524
rs197821	T	-0.0374
rs75379569	T	0.2298
rs6078983	C	-0.0507
rs139382330	G	0.1325
rs220544	T	0.1226
rs111420522	A	-0.0972
rs6052369	C	0.0502
rs11697536	T	-0.1633
rs6024710	C	-0.0618
rs204690	G	-0.0318
rs1967749	C	-0.0544
rs73242763	C	0.1156
rs73150249	T	-0.0475
rs6109320	G	0.0333
rs77122853	A	0.0834
rs1407256	G	-0.0416
rs2064863	T	-0.0337
rs78275479	C	-0.1722
rs913882	T	0.0392
rs932304	C	-0.0324
rs79097100	T	-0.197
rs8118620	C	-0.0336
rs45602035	T	-0.147
rs7262054	T	0.0592
rs7409760	C	0.0845
rs74347803	C	0.0794
rs112052567	A	-0.0943
rs62200168	A	0.0572
rs6014821	G	0.0986
rs6094118	A	0.1039
rs538094	T	-0.063
rs117316851	C	-0.3408
rs6127970	T	0.1331
rs73115411	T	-0.0774

rs2426712	C	0.0319
rs6039134	T	0.0369
rs11696578	T	0.1175
rs2426937	C	0.0351
rs6077282	T	0.1162
rs2423354	T	0.0595
rs72623571	A	-0.0648
rs78139716	T	0.1603
rs73902875	G	-0.0856
rs35646463	G	0.053
rs13045127	C	0.104
rs62200425	A	-0.1401
rs77529742	T	-0.1472
rs6037998	T	0.0453
rs77116424	T	0.1652
rs35013700	T	-0.1322
rs6122416	A	0.041
rs79289381	A	0.2674
rs117101297	T	0.147
rs28385449	A	0.0433
rs56668103	C	-0.052
rs6118591	C	0.0351
rs8124907	G	0.0432
rs9798519	A	0.0551
rs77225098	T	-0.0731
rs4810793	C	-0.034
rs73071529	T	0.1229
rs76010812	C	0.1369
rs58288731	T	-0.2321
rs6072689	T	-0.0398
rs66474973	G	-0.085
rs17791824	T	-0.2319
rs146572513	T	0.2502
rs6073391	G	0.0965
rs2681117	C	0.0988
rs6035224	T	0.0436
rs6064925	A	0.0345
rs116898795	A	-0.1981
rs2902982	T	0.0402
rs235022	A	-0.0329
rs62194889	A	0.0673
rs150041744	A	0.2348
rs760703	A	-0.0377
rs6037434	G	0.0429
rs13038378	G	0.0599
rs6025283	G	0.0754
rs146606431	G	-0.166

rs6036589	G	-0.0402
rs78624678	A	0.1519
rs6105687	C	0.0366
rs56356576	A	0.2468
rs4603829	C	0.035
rs75371355	T	-0.1644
rs13042048	C	-0.061
rs728707	G	-0.0316
rs116877683	C	0.1279
rs6021240	C	-0.0472
rs6043540	G	0.1192
rs4925258	G	-0.0368
rs56103695	C	0.117
rs8123995	T	0.0414
rs73611557	A	0.0746
rs6080646	G	0.0308
rs78865809	C	-0.1225
rs6073533	C	-0.0318
rs117125393	T	0.1199
rs34025307	T	-0.0361
rs7269174	A	-0.0394
rs147235418	T	0.1682
rs6106907	T	-0.0793
rs146850199	G	0.1384
rs12479913	A	0.0552
rs35416056	A	-0.1154
rs16988687	C	-0.0443
rs73093485	T	-0.0996
rs11247	A	0.1191
rs149538925	T	0.1993
rs73170242	A	-0.2054
rs200175	G	-0.0398
rs141125641	C	0.2094
rs12625484	T	-0.037
rs2478981	T	-0.0467
rs79811598	G	0.1272
rs146063946	G	0.1731
rs6071614	A	-0.0483
rs6056546	C	-0.0445
rs13040691	A	0.1385
rs6097776	T	-0.0573
rs6028797	T	-0.0423
rs112911838	T	0.0719
rs12625228	C	0.0657
rs16985448	G	0.05
rs7508956	T	0.0817
rs4811078	T	0.0448

rs1437208	T	-0.0382
rs6022838	T	0.0624
rs117841423	T	-0.1304
rs2777931	T	-0.0847
rs852051	G	-0.0362
rs74682584	T	0.1301
rs76456280	A	-0.2134
rs2425024	C	-0.0316
rs73333873	G	0.0788
rs118042879	A	-0.1677
rs11777963	T	-0.1011
rs117650266	T	0.2202
rs6070935	T	0.0699
rs73136270	T	-0.2064
rs151331479	C	0.1573
rs6015032	A	0.0427
rs76996268	T	-0.2819
rs232649	G	0.0438
rs73621912	A	0.107
rs62209481	G	0.0959
rs6123270	T	-0.2032
rs73170243	C	-0.1731
rs6034266	A	-0.0415
rs118182544	T	0.1836
rs78561513	T	0.0592
rs76585941	T	0.1657
rs2745061	T	-0.0444
rs6051348	T	0.1367
rs2425038	G	0.0535
rs204699	T	0.0549
rs6022220	A	0.0367
rs2740191	T	-0.051
rs374486	T	0.0395
rs62201174	G	-0.0819
rs80159144	A	-0.1424
rs8116150	T	-0.0468
rs4813827	T	-0.0321
rs1746282	A	0.0941
rs6053666	C	0.0329
rs6108331	T	-0.0312
rs56211015	G	-0.0724
rs151277346	T	-0.2653
rs6062649	C	-0.039
rs717146	T	0.1631
rs144475389	T	0.1468
rs34075502	G	0.1202
rs74403011	A	-0.0818

rs4812464	A	0.0396
rs41274714	A	0.2311
rs73893994	C	-0.0537
rs844894	C	0.0521
rs117732153	T	0.1429
rs77477433	C	-0.068
rs2207890	C	0.037
rs141459119	T	-0.0905
rs6131836	T	-0.0463
rs73145362	A	-0.2075
rs6514277	A	0.0406
rs113140123	T	-0.1727
rs112858352	G	0.1024
rs118093162	T	0.1523
rs6089729	A	-0.0453
rs79964807	G	0.1368
rs4810610	A	-0.04
rs1885577	A	0.0646
rs11698703	G	0.0536
rs2248269	A	0.0312
rs149362038	T	0.1902
rs78186890	G	0.0904
rs6081708	C	-0.0347
rs6038665	C	-0.0441
rs2230605	G	0.1042
rs11204439	A	-0.0547
rs209966	C	-0.0324
rs151032618	A	0.2341
rs2092474	T	-0.0376
rs1543571	C	0.1099
rs7271275	T	-0.0349
rs221008	G	-0.0363
rs11906081	A	0.186
rs2425482	C	-0.0298
rs112403761	A	0.1131
rs6063942	A	-0.0325
rs74366402	G	-0.0751
rs117798563	A	0.0772
rs6021644	G	0.0417
rs76310942	C	-0.153
rs67310354	C	-0.0776
rs3762206	A	-0.0439
rs62197303	A	-0.0505
rs220543	G	0.0481
rs138404653	T	0.1415
rs235000	A	-0.0382
rs6103023	T	-0.0304

rs118154426	T	0.0654
rs80327957	A	-0.1706
rs79809837	C	-0.072
rs6133875	C	-0.0376
rs753341	A	-0.0363
rs140464630	A	-0.2455
rs149640359	A	0.1749
rs150277531	A	-0.146
rs77341508	T	-0.0491
rs147204976	A	0.2171
rs77919071	C	0.1163
rs1887688	G	0.0308
rs117761093	T	0.1594
rs138299341	G	-0.101
rs17743099	C	0.0649
rs151276044	A	-0.2094
rs117950717	T	-0.0597
rs6087819	C	0.0896
rs6068643	G	0.0338
rs6030745	G	-0.0797
rs6515131	A	-0.0421
rs6098930	T	0.0303
rs4810137	A	0.0394
rs6109202	C	-0.0338
rs78612681	A	0.1183
rs7361530	C	-0.0393
rs117939135	C	0.1667
rs6127994	T	-0.0304
rs2426183	T	-0.0447
rs6030790	A	0.0385
rs138894752	T	-0.1366
rs139047235	T	-0.1802
rs73605561	T	0.0772
rs6086495	C	0.0302
rs35777099	G	0.0478
rs10485810	G	0.065
rs79259988	C	0.0513
rs71333950	C	-0.065
rs62213345	A	-0.0305
rs55906438	G	-0.0334
rs78361592	G	-0.0691
rs6010742	T	-0.0393
rs8115752	T	-0.0304
rs71334888	T	0.0642
rs59714197	A	-0.041
rs57081241	A	0.1145
rs139723668	T	0.2786

rs1201919	G	0.0301
rs2618574	T	-0.0351
rs17406954	G	-0.193
rs75634755	T	0.0928
rs6127529	C	0.0869
rs13037653	C	-0.0603
rs11697664	T	-0.0724
rs13037060	G	-0.0971
rs6054506	A	-0.0777
rs73084334	T	0.0539
rs870500	C	0.0411
rs16985082	C	0.0915
rs73081680	A	0.0462
rs151250775	G	0.0922
rs113663142	T	-0.1416
rs75932750	A	-0.0886
rs56240681	G	0.0539
rs8114216	G	0.0443
rs117796967	A	0.0929
rs6085721	G	0.0303
rs60993304	T	0.037
rs6021639	T	-0.038
rs6122906	G	0.042
rs117853603	T	0.2062
rs148264645	A	0.1774
rs76767703	T	0.1542
rs74819179	A	0.051
rs118129150	A	-0.1318
rs73095343	T	0.0896
rs6019774	C	0.0992
rs67369019	A	0.0367
rs79647031	T	0.0523
rs142047253	C	0.1157
rs74380689	T	-0.098
rs10427472	T	-0.0908
rs76851912	C	0.0854
rs78235555	G	0.1365
rs74366776	G	-0.0656
rs3748493	T	0.0303
rs76012954	T	0.1227
rs11699795	A	0.0789
rs6104686	C	0.048
rs34520085	A	-0.1799
rs56731761	A	0.1424
rs2223324	T	0.0785
rs144561616	T	0.1524
rs3827110	C	0.0497

rs6034227	G	0.0609
rs6064549	G	0.0345
rs6105063	A	0.0398
rs77523328	C	-0.1074
rs150747502	C	-0.059
rs13045209	A	-0.0291
rs6043374	T	0.0484
rs6054625	T	-0.0406
rs6086897	T	0.061
rs4812374	A	0.0297
rs4813393	G	-0.0484
rs6040786	A	-0.1447
rs6516199	T	-0.0305
rs149153618	C	-0.1325
rs6056863	A	-0.0316
rs4815316	T	-0.0389
rs148623979	C	0.1626
rs4815748	A	-0.0701
rs117446872	C	0.1528
rs6139983	T	0.03
rs6038064	T	-0.0291
rs6100837	A	0.1971
rs11696348	A	0.0696
rs2427188	A	0.1653
rs6124254	G	-0.03
rs2904139	G	0.0616
rs149142727	C	0.1659
rs2873204	C	0.0448
rs34646256	G	0.1109
rs11698492	A	0.117
rs116890700	G	0.0857
rs4536701	A	0.0787
rs6063236	A	-0.0846
rs34819106	T	-0.0731
rs4810078	C	0.0308
rs2184250	G	-0.0308
rs4815676	A	0.0337
rs7260918	G	-0.03
rs6139258	C	-0.1477
rs75145533	G	-0.0702
rs910141	T	-0.0384
rs6086478	T	-0.0481
rs73078112	T	0.1227
rs156613	C	0.0339
rs11697419	G	-0.0672
rs17685602	T	0.2073
rs6063143	C	-0.0304

rs6124041	T	-0.0339
rs3195701	T	0.0481
rs6131421	G	-0.031
rs78532332	A	-0.1039
rs6084558	A	-0.0424
rs34313076	A	-0.1166
rs35718396	C	0.0371
rs11698549	T	0.1553
rs6083527	T	0.1003
rs62212781	C	-0.1209
rs6072087	C	0.0338
rs6089553	T	-0.0324
rs6043567	T	-0.1548
rs1452324	T	-0.0984
rs2206397	T	-0.0413
rs73089989	A	-0.1934
rs76720524	T	0.1529
rs112961878	T	0.1413
rs11905922	C	0.0746
rs6033443	G	-0.0438
rs7272569	T	-0.0541
rs2208276	G	-0.0537
rs117184383	C	0.2033
rs9917438	T	-0.1413
rs62217550	A	0.1482
rs12624563	T	0.0668
rs6067940	C	-0.0711
rs74974683	A	-0.1495
rs6028182	G	-0.0712
rs7263823	A	0.0437
rs2840	A	-0.0378
rs116959857	A	0.1399
rs41282136	T	-0.0749
rs6035613	T	0.0341
rs6079461	A	0.0308
rs6092524	C	-0.0289
rs140959748	C	-0.1703
rs6080962	T	-0.0396
rs297669	A	-0.0299
rs6045103	A	0.0312
rs77075381	T	-0.0468
rs6043401	T	0.0489
rs6072949	A	0.0345
rs6107242	T	-0.0675
rs79972717	A	0.1299
rs6108506	G	0.0505
rs6086520	A	0.0413

rs111362550	A	0.2252
rs3899452	C	0.0544
rs7267330	T	0.068
rs8117105	G	0.0836
rs2424311	G	-0.0846
rs139784696	T	0.1256
rs73071397	A	-0.2014
rs4812075	A	0.0653
rs78539269	C	0.1221
rs73076994	A	-0.1467
rs6085252	C	-0.0464
rs214808	T	0.0491
rs3746638	G	0.0282
rs79535883	G	-0.1248
rs6082199	G	0.0333
rs74651865	T	0.1083
rs6069674	C	-0.0301
rs6118747	G	0.0586
rs139784553	A	-0.2454
rs6091723	A	0.0366
rs73898303	G	0.0826
rs6092487	G	-0.0374
rs74352474	T	0.0441
rs1885303	T	-0.0297
rs6049848	G	0.0937
rs3827040	A	0.1403
rs60256305	C	-0.0802
rs145303257	A	0.2233
rs55900834	G	-0.0551
rs117485556	C	0.0867
rs56071941	C	0.0469
rs6069867	T	-0.0322
rs6104658	G	0.0503
rs34641614	A	0.0654
rs2425462	T	-0.1082
rs17309248	G	0.1128
rs35418657	G	0.0368
rs540995	T	-0.1099
rs74672829	T	0.1887
rs8117904	A	-0.031
rs1776262	A	0.0431
rs11086499	T	0.0298
rs17312578	G	0.1125
rs6136514	T	-0.04
rs1776241	T	0.0825
rs62210247	A	-0.1051
rs77896959	T	-0.1905

rs6021306	G	0.0303
rs6101870	A	-0.0542
rs17211266	T	0.0513
rs6075658	C	-0.0286
rs150989671	C	-0.1529
rs17272940	T	-0.0538
rs6117726	T	-0.0399
rs117943415	T	0.1785
rs75620614	T	0.0573
rs6115893	A	0.1613
rs61481387	A	0.1481
rs113270355	G	-0.0733
rs13045750	A	0.1545
rs4814133	G	-0.055
rs116982969	A	-0.0838
rs6123328	C	0.0341
rs116511828	A	0.1232
rs1977185	G	-0.0324
rs6123011	A	-0.0289
rs117960863	C	0.1273
rs846222	T	-0.0356
rs77733833	A	0.1226
rs117038860	A	0.1276
rs4239712	A	-0.1372
rs552151	C	-0.0411
rs13039715	T	-0.1022
rs3747927	G	0.0325
rs62209467	A	-0.079
rs7266069	A	-0.0635
rs144012983	A	0.0742
rs117022653	G	0.1486
rs6134590	C	0.0528
rs6130605	T	0.0353
rs6044371	C	0.0735
rs7267712	A	-0.0335
rs235742	T	0.0392
rs150744404	T	-0.1692
rs56085569	G	0.0305
rs6132693	T	-0.0569
rs76052639	G	0.0848
rs6097375	C	-0.1146
rs117534738	A	-0.0906
rs73618902	A	0.0904
rs2425787	G	-0.0559
rs6099290	G	-0.0596
rs145998912	T	0.1979
rs932435	C	0.168

rs2423893	G	-0.1688
rs2425501	A	0.0298
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rs6063365	G	-0.0347
rs6018027	C	-0.0337
rs4809660	C	0.0281
rs10485447	T	-0.0358
rs1555272	C	0.0328
rs4812858	T	0.0331
rs73293420	A	-0.1325
rs6515857	A	0.194
rs228851	T	-0.0285
rs41303819	A	-0.1207
rs6125025	T	0.0289
rs11698029	C	0.05
rs6122279	T	-0.0821
rs2050371	T	0.0315
rs6063570	C	0.0575
rs11905381	A	-0.1524
rs6036110	T	0.2396
rs171024	T	-0.0314
rs2425692	A	0.0598
rs2983291	A	0.0276
rs6044565	G	-0.0285
rs73132873	C	0.086
rs117849296	C	0.1321
rs35017290	T	0.1467
rs73134202	G	-0.0482
rs857250	A	0.0294
rs401976	T	-0.0295
rs13045660	A	-0.0325
rs843819	A	-0.0739
rs4419281	T	0.0437
rs7274260	T	0.0306
rs146739578	G	-0.117
rs62209984	T	0.1309
rs2277867	A	0.0299
rs137890638	G	-0.1636
rs6011780	C	-0.1025
rs16998225	G	0.0535
rs45479194	A	0.149
rs6018471	T	-0.036
rs6121861	A	0.0972
rs35070517	A	0.0934
rs35596738	C	0.1439
rs56851948	C	0.0299
rs117166448	T	0.1615

rs6014645	T	-0.0361
rs6132743	T	0.0307
rs6068963	A	-0.0724
rs77418220	C	-0.1181
rs13040204	G	0.0528
rs141398924	T	0.1442
rs240755	T	0.0468
rs73147598	A	-0.058
rs73177777	T	0.0486
rs148424791	T	-0.0812
rs80164935	G	-0.0821
rs77832942	T	0.1248
rs116842503	T	0.1188
rs114530719	C	0.0622
rs12625310	T	-0.0995
rs61111175	A	-0.0321
rs486515	C	-0.1396
rs1150423	A	-0.037
rs2749813	T	0.0303
rs6103035	T	-0.0316
rs143078579	T	0.0957
rs73074396	T	-0.0652
rs62204601	T	0.0705
rs145211341	C	0.1037
rs117614051	T	0.1651
rs117634158	A	0.1221
rs139425238	A	0.1101
rs62226699	C	0.0982
rs2746089	T	-0.0698
rs150975722	A	-0.1663
rs149270155	G	-0.143
rs71330419	C	0.0532
rs16983844	A	0.0366
rs113888540	A	0.1469
rs5602	A	0.0273
rs4479482	A	-0.0435
rs73091700	T	-0.0998
rs117675848	A	0.1155
rs4814142	C	-0.0387
rs910764	A	0.0478
rs76182812	T	0.1158
rs6061711	T	0.0368
rs73136037	A	0.1464
rs146441911	T	-0.085
rs6013815	C	-0.0977
rs17093035	T	-0.1067
rs62209438	T	0.0676

rs117302433	A	0.2179
rs11697878	T	-0.0918
rs118029791	T	-0.2857
rs117614151	C	0.0765
rs116872370	T	0.1106
rs4428079	T	-0.2485
rs1884642	T	-0.0281
rs2295343	G	-0.0283
rs62201363	T	-0.0422
rs76482364	C	0.1858
rs2234085	A	0.0495
rs910873	A	-0.0521
rs117961020	T	0.1723
rs73144977	A	-0.0976
rs112810592	A	-0.0919
rs16993000	G	0.1466
rs11696241	A	-0.121
rs2295494	C	0.0415
rs169225	G	0.0374
rs1964825	A	-0.0304
rs56245805	A	-0.0642
rs112412739	G	0.1442
rs113031094	C	-0.1245
rs13043369	C	-0.0684
rs12481463	G	-0.0414
rs6030899	T	-0.0284
rs76308043	C	0.0614
rs62201705	A	0.1208
rs1757785	C	-0.0417
rs79864192	G	-0.0731
rs2327454	A	-0.03
rs683808	A	0.0273
rs117686849	T	0.2256
rs941788	G	-0.035
rs3787273	C	-0.0686
rs80031595	T	0.0454
rs76279553	A	-0.0471
rs13044377	A	-0.1156
rs942172	A	-0.0576
rs77689448	T	-0.1145
rs912105	G	-0.0359
rs73297517	C	0.0541
rs17801965	C	-0.075
rs4810951	T	0.0288
rs911157	T	-0.0549
rs12480116	A	0.1206
rs282159	T	-0.0335

rs75848721	T	-0.165
rs6083680	G	-0.1418
rs1810799	C	-0.0443
rs76332457	T	0.1622
rs3914334	G	0.0302
rs35033100	C	-0.1497
rs200742	C	0.0281
rs111704858	G	-0.1212
rs73068485	G	0.1443
rs73615366	C	0.0983
rs6065948	T	-0.0382
rs111581382	G	0.1503
rs73136798	C	-0.077
rs6010810	A	0.0309
rs116857586	G	0.1066
rs6099854	A	-0.0408
rs73101307	G	0.1181
rs111618682	T	0.07
rs6039487	G	0.0318
rs6075815	T	0.039
rs6015874	T	0.0355
rs1776964	A	-0.0266
rs8124444	G	0.0465
rs76119968	C	-0.1119
rs17227070	C	0.0387
rs17340965	C	0.1025
rs80273197	A	0.1117
rs6072550	A	-0.0436
rs6086636	G	0.0566
rs148259664	C	0.1347
rs6067395	G	0.0308
rs1407013	C	0.0277
rs149936869	A	-0.1018
rs202379	T	0.0369
rs73114576	A	-0.0538
rs73607434	G	0.098
rs292143	T	-0.0975
rs73076001	C	-0.058
rs8120282	A	-0.0325
rs914869	C	-0.0379
rs77595400	A	0.119
rs6021679	A	0.0371
rs73112123	A	-0.103
rs6053929	T	0.0322
rs6059076	A	-0.0275
rs62210161	G	-0.1568
rs145723432	A	0.1548

rs6131842	A	-0.0283
rs143754990	C	0.1646
rs8123587	A	0.0505
rs6053063	T	0.0446
rs6132918	C	-0.0576
rs117670974	A	-0.122
rs117406150	G	0.1173
rs4810282	A	0.0466
rs57643404	A	0.0537
rs6127409	T	-0.1127
rs147536904	G	-0.1478
rs147296227	T	0.1943
rs11904945	G	-0.127
rs140492015	A	0.0793
rs79150994	T	-0.1646
rs6015284	T	-0.0611
rs57254210	C	0.0429
rs78056728	C	-0.1469
rs62198128	C	0.0576
rs6513255	A	-0.0858
rs117897730	A	0.1147
rs8118803	T	-0.0573
rs55746532	C	0.0639
rs6129228	A	0.0277
rs7266531	T	-0.0441
rs6022197	C	0.0529
rs147867273	A	0.1782
rs243876	G	-0.0644
rs6124878	A	0.0559
rs3787537	T	0.0383
rs1474929	C	0.0537
rs13041014	A	-0.0264
rs118130271	C	-0.1111
rs77794232	T	-0.1127
rs6025954	A	0.0282
rs1884658	G	0.0282
rs149524258	A	0.1819
rs420939	G	0.0433
rs117652522	C	0.0463
rs6015922	T	0.0292
rs1233720	G	-0.0294
rs6018685	C	0.0286
rs6071033	C	0.0313
rs513522	G	0.0301
rs6065006	A	0.0836
rs62205203	T	0.1451
rs6065921	G	-0.0321

rs2024571	T	-0.0912
rs117245924	T	-0.2028
rs6087097	A	0.0371
rs6118075	A	0.0263
rs11908505	A	-0.0304
rs149946784	T	0.1488
rs12625340	T	0.1187
rs35059196	G	-0.0763
rs80303379	T	0.1178
rs73103684	T	-0.0824
rs117907745	A	0.1743
rs8117696	G	0.0621
rs55828029	G	0.07
rs2422596	A	0.0269
rs116875157	A	0.2249
rs6092778	G	-0.0437
rs143112880	C	-0.1374
rs112730581	A	0.0613
rs78923090	T	-0.089
rs73619448	T	0.1086
rs4813842	C	0.0341
rs6070876	C	-0.0287
rs6033719	G	0.1578
rs6080042	A	-0.0704
rs6056201	T	0.0976
rs4009474	G	0.061
rs75140462	T	0.0839
rs6032788	C	0.1091
rs140199710	T	-0.078
rs348280	T	0.1158
rs1028526	C	0.0494
rs6121796	T	-0.0301
rs73152703	G	0.0857
rs143728457	A	-0.1176
rs117652695	C	-0.111
rs6049604	G	-0.0274
rs6069909	C	-0.0424
rs35788983	T	0.186
rs61753669	C	-0.1456
rs1003855	C	-0.0271
rs55775700	G	-0.0353
rs112722075	T	-0.1521
rs17838906	G	0.0914
rs34988522	A	-0.0476
rs6742	T	-0.0472
rs73325829	T	0.0716
rs112198382	A	-0.0956

rs73135983	T	0.2148
rs73177677	G	-0.0294
rs1110072	T	0.0375
rs6065438	T	-0.0519
rs6099357	G	0.0263
rs41298344	A	0.0904
rs6055815	A	0.0351
rs2422567	C	0.0371
rs6111798	C	-0.064
rs79892218	C	0.0761
rs1984533	G	-0.0386
rs116928460	A	0.1249
rs142285503	A	0.2222
rs984498	T	0.0401
rs117263993	C	-0.1661
rs77605845	A	-0.0459
rs7274061	T	0.0308
rs34006063	G	0.0874
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rs2869312	T	0.0357
rs17270636	A	0.0873
rs1979855	G	0.0415
rs118172079	G	0.1061
rs7361183	A	0.081
rs6026400	G	-0.0331
rs62231384	T	0.0291
rs6049370	G	0.0765
rs13039228	A	0.0382
rs6019358	G	0.0333
rs8122510	G	0.0364
rs723118	C	0.032
rs6072649	A	0.0336
rs4810786	C	-0.036
rs6100966	A	-0.0368
rs6069501	G	0.0459
rs6071800	A	-0.0292
rs6024358	C	0.0292
rs78114889	G	0.1268
rs112636646	G	-0.0558
rs12185805	T	-0.0414
rs73899849	C	-0.1437
rs6054516	T	0.0392
rs112220926	A	-0.0415
rs6017268	A	0.0285
rs11699856	C	-0.0368
rs12625917	C	-0.0737
rs141724212	T	0.119

rs77047740	A	-0.1331
rs2745733	T	-0.0543
rs8124722	G	0.1748
rs41301833	T	0.0998
rs3848789	C	0.1066
rs6036176	G	0.0298
rs6075456	C	0.0825
rs13038386	G	-0.1599
rs79322193	T	0.1093
rs6041173	C	0.0437
rs1029273	C	-0.0284
rs116844304	A	0.1131
rs6044857	G	0.0299
rs6114046	G	0.0299
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rs35311074	T	-0.0905
rs4815715	C	-0.0338
rs6139800	G	-0.0512
rs6078167	A	-0.0259
rs74342731	T	0.0994
rs817693	T	-0.0476
rs1374957	C	0.0322
rs6044851	T	0.0261
rs62204203	G	-0.0353
rs147923120	T	-0.2498
rs112169623	T	0.0615
rs1235118	G	-0.0287
rs117391878	A	0.1579
rs6121514	C	0.043
rs2424406	T	-0.048
rs145645058	A	0.0821
rs7266869	G	0.1336
rs1158906	G	-0.0266
rs117493239	T	0.1026
rs6077234	A	-0.2043
rs6071752	A	0.0323
rs62205594	G	0.1882
rs852365	T	0.0322
rs390014	A	0.0857
rs11698712	T	-0.0712
rs74756323	T	0.082
rs62199120	T	-0.0379
rs8567	G	-0.0277
rs13042943	A	-0.264
rs117954711	T	-0.1158
rs17221851	G	0.0427
rs6014678	T	-0.0373

rs12479653	T	0.0713
rs62217101	T	0.033
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rs11697175	A	-0.0813
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rs4815363	C	0.0366
rs77033049	C	-0.119
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rs55980799	G	0.0888
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rs1205693	T	0.0276
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rs58445178	T	-0.0519
rs13041339	T	-0.0286
rs4814924	A	-0.0458
rs59474447	T	-0.0765
rs73112051	A	0.0742
rs11700254	A	0.0839
rs6125081	T	0.1266
rs9798580	T	-0.0829
rs146732328	A	0.1623
rs76755795	A	0.1546
rs6068816	T	-0.046
rs148084991	G	0.0879
rs754568	G	-0.034
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rs148930184	A	0.0857
rs8122326	T	-0.0349
rs6133855	C	0.0688
rs111858910	G	-0.065
rs7274763	G	0.1031
rs2424228	A	0.061
rs16995979	T	-0.0442
rs62197784	T	0.1189
rs6062131	G	-0.0339
rs6095973	T	-0.0288
rs118162316	A	0.1578
rs117376444	T	0.0458
rs149635367	A	-0.0734
rs75162062	T	0.1812
rs117347087	T	0.1291
rs73117925	T	0.0739
rs117524509	C	0.103
rs6013791	C	0.0315
rs76094687	C	-0.1811
rs116860429	T	0.1046

rs348843	T	-0.0312
rs17722073	A	0.0622
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rs141862453	A	-0.0811
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rs2076555	A	0.0383
rs1407340	G	-0.0277
rs35103049	A	-0.1498
rs1131847	A	-0.0266
rs112416087	G	0.1618
rs6050337	C	0.0312
rs404543	A	0.0256
rs11698358	G	0.0585
rs6140686	A	-0.0726
rs4815864	A	-0.0409
rs62201517	T	-0.0736
rs6136584	A	0.1299
rs55883790	G	0.1484
rs12480027	G	0.0307
rs6130263	G	0.0298
rs6066896	C	0.153
rs4815707	T	-0.0259
rs6076225	T	-0.0358
rs116949635	T	0.1063
rs6071988	C	-0.1402
rs6110171	G	0.0833
rs17777402	T	-0.0308
rs6054552	T	-0.0274
rs6078862	C	0.0285
rs2253335	T	0.0268
rs6091000	C	-0.0864
rs6134813	C	0.0265
rs112422661	C	-0.1033
rs76192256	T	-0.0689
rs6078906	A	0.0545
rs7262199	T	-0.0273
rs6034469	A	0.0277
rs35495088	T	0.0554
rs6081143	C	0.126
rs12625138	G	0.0515
rs146023469	G	-0.1348
rs74699360	A	-0.1139
rs56066546	T	0.1608
rs3803991	T	-0.0593
rs8123945	A	0.0477
rs6088412	A	0.0288
rs58347405	A	0.0274

rs4813166	A	0.0329
rs4809941	C	-0.0265
rs4815897	G	-0.0347
rs1323300	C	0.0511
rs6061785	T	0.0828
rs523865	G	-0.0497
rs2670313	A	0.0273
rs961821	T	-0.1979
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rs138758009	C	0.1303
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rs16986641	C	-0.0295
rs6089838	A	0.0455
rs6117432	T	-0.0346
rs260019	T	-0.0346
rs6134598	T	0.0551
rs137946712	T	0.1165
rs6102765	C	0.0376
rs6081373	A	0.0689
rs73277420	C	0.1158
rs7268790	T	0.0906
rs6023500	A	-0.0533
rs362604	G	-0.027
rs6026449	T	0.0267
rs2423921	C	-0.0289
rs117433983	A	0.108
rs6126690	T	0.0317
rs6107422	A	-0.05
rs450110	A	-0.0506
rs113233113	G	-0.0298
rs111390776	A	0.0876
rs75295019	G	0.086
rs13036818	T	-0.0536
rs6025744	T	-0.0354
rs75227423	C	0.0578
rs78079211	A	0.0764
rs56262255	A	0.0708
rs1740935	G	-0.0466
rs6053414	C	0.0278
rs1407252	T	0.0462
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rs6080399	C	0.0617
rs6044563	A	-0.0486
rs6064760	G	-0.0571
rs2064657	T	-0.0268
rs1570275	C	0.0713
rs208390	C	-0.0273

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rs73151630	A	-0.0378
rs11907348	A	-0.0981
rs13037488	T	0.0402
rs6037988	C	-0.0271
rs7262174	G	-0.0425
rs6094018	C	0.0288
rs117486948	A	-0.0991
rs7262010	C	0.0413
rs112254912	G	0.1209
rs6085360	G	-0.0385
rs141892692	T	-0.0792
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rs2050223	A	0.031
rs62206398	A	0.0291
rs75128527	A	-0.0461
rs364652	T	0.0284
rs8115948	A	0.0337
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rs141586935	T	0.148
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rs74828466	T	0.0849
rs73308676	C	0.1621
rs74564991	A	0.1084
rs926478	A	0.062
rs6038717	G	0.037
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rs17297680	A	0.0882
rs10485812	G	0.0929
rs6139557	A	0.0295
rs2256423	G	0.0253
rs73620752	T	-0.0441
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rs6076165	C	-0.0398
rs112970780	A	-0.0914
rs79303366	A	0.0525
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rs35151304	A	-0.0501
rs6128028	C	-0.0318
rs6040357	C	0.027
rs4810576	A	-0.0271

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rs6037670	T	-0.0964
rs2426511	A	0.0324
rs6053023	C	0.0305
rs8122094	G	0.0292
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rs67106437	A	-0.1402
rs4812677	C	0.0463
rs74422706	A	0.1009
rs8123898	G	0.038
rs2018261	A	0.0355
rs6514090	G	0.0289
rs754170	G	0.029
rs6083489	G	-0.0855
rs610412	C	0.0264
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rs6142377	A	-0.0257
rs2143623	A	0.0254
rs78545268	G	0.0575
rs75498153	A	-0.169
rs55958048	T	0.0478
rs72626583	G	0.0326
rs17458807	A	0.1075
rs12624485	A	0.0878
rs11699916	A	-0.0314
rs490514	C	-0.0382
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rs77172576	A	-0.0661
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rs6069865	G	0.0325
rs56406843	A	-0.1381
rs6134248	T	0.0689
rs6074674	C	0.052
rs78154045	T	0.0653
rs75036812	T	-0.1173
rs2153934	A	-0.0311
rs57083727	A	0.1394
rs74274279	G	-0.1914
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rs2866747	A	0.0398
rs13043726	G	-0.0532
rs67535236	G	0.0355
rs913664	G	0.0255

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rs6080286	C	-0.0319
rs201934	C	-0.0292
rs55640245	C	-0.0342
rs6088509	A	-0.0986
rs237722	A	0.0331
rs73143503	A	0.03
rs16995774	C	-0.0506
rs6067377	C	0.0261
rs11696479	G	-0.0406
rs6126762	A	-0.0421
rs111303420	A	-0.1003
rs62202820	T	0.0251
rs6108721	T	0.1212
rs874033	C	-0.1131
rs73114948	T	0.072
rs12481476	T	0.0672
rs145263793	A	-0.1357
rs7354032	T	0.1029
rs13039463	A	-0.0787
rs6046473	G	-0.0559
rs6025163	T	-0.0312
rs1201897	A	0.0258
rs112083174	A	-0.2061
rs34809175	A	0.043
rs79371140	T	0.2231
rs116952348	A	0.076
rs4925245	C	-0.0329
rs761008	T	-0.0446
rs6099023	A	-0.0617
rs147503277	G	0.1229
rs117309427	A	-0.1057
rs146782041	C	0.1826
rs62199771	G	0.1257
rs6137883	A	0.0433
rs73146228	G	0.0416
rs62213336	C	-0.0345
rs139177992	T	-0.1223
rs79673673	C	0.1214
rs118182923	A	-0.0925
rs74415499	A	0.0522
rs113883111	A	0.0646
rs6062878	G	-0.029
rs6128633	G	0.0293

rs117152863	A	0.1287
rs6130112	T	0.1735
rs143046137	G	0.1006
rs727190	G	0.0452
rs243898	G	-0.0483
rs4577357	T	-0.0271
rs4815300	C	-0.027
rs117047418	T	0.1619
rs62214489	A	-0.0884
rs6022345	G	-0.027
rs6097553	A	0.0273
rs6097352	T	0.1079
rs6076613	T	0.026
rs116917255	C	0.1486
rs117916681	T	0.0754
rs6013652	T	0.0335
rs80193447	A	0.1393
rs146528914	G	0.1301
rs6017239	T	0.1675
rs149626880	A	0.1358
rs142043566	C	-0.2201
rs118138527	A	0.1036
rs6116019	C	0.0578
rs6046283	T	-0.0288
rs6109535	C	-0.0655
rs79438969	T	-0.0954
rs6070841	A	0.0321
rs149702622	T	0.0644
rs149924683	T	-0.0863
rs73316331	A	0.0524
rs1555901	G	0.0255
rs62186879	A	-0.0487
rs2254239	T	0.0422
rs6056897	C	-0.0633
rs62205593	A	-0.1174
rs62187547	C	-0.0372
rs6087960	A	0.0629
rs3819905	A	0.0282
rs13043000	T	-0.0414
rs59530555	T	0.0653
rs7273914	C	-0.0325
rs73619439	C	0.0549
rs464145	T	-0.0252
rs6064790	A	0.0282
rs13044506	G	-0.0271
rs6121666	A	-0.0582
rs147149478	A	0.169

rs60235509	A	-0.0286
rs111770582	A	0.1189
rs4632434	C	-0.068
rs6108250	T	-0.032
rs4814250	A	-0.0283
rs6102671	A	0.1268
rs76610734	C	-0.1509
rs75768013	A	0.1088
rs6029123	T	0.0275
rs73151637	T	0.0849
rs6100556	T	-0.0255
rs6136119	A	0.1116
rs6093938	C	-0.0278
rs11086984	T	-0.0697
rs75877339	T	-0.1947
rs73157488	A	0.0446
rs74558750	A	0.0656
rs775115	T	-0.0291
rs35491616	C	0.0542
rs2223836	G	-0.0521
rs4618114	C	0.0254
rs73072469	G	-0.1173
rs2853212	G	-0.029
rs11697333	C	-0.0274
rs34522262	A	-0.0605
rs17226992	A	0.0779
rs73897828	A	0.0716
rs73113390	C	-0.0794
rs74181924	T	-0.0646
rs6026864	A	0.026
rs6051434	G	-0.026
rs8120689	A	0.0476
rs34187893	T	0.0711
rs148775633	C	0.0942
rs62206298	T	-0.1195
rs71351232	T	-0.1293
rs146324784	T	0.2082
rs7273160	T	0.0386
rs34020366	T	-0.1239
rs6091136	T	0.0556
rs60717050	A	-0.0371
rs111992088	A	-0.0654
rs6081503	C	-0.042
rs6014657	A	-0.0299
rs34131230	T	0.0471
rs13038473	A	0.03
rs62198432	G	0.0397

rs6084640	T	-0.0422
rs76729883	T	-0.0952
rs77689305	C	0.1446
rs4239734	T	-0.0466
rs75412694	T	-0.0914
rs17227097	T	0.1266
rs1575443	G	-0.0345
rs16996513	A	-0.0836
rs151009976	T	0.0904
rs117370536	G	0.0863
rs6043641	G	-0.0378
rs12625871	A	0.0555
rs7260758	C	-0.0575
rs17730181	T	-0.1399
rs3212197	T	-0.0668
rs2423343	C	-0.1523
rs112572629	G	-0.0996
rs6028848	T	0.0357
rs2425448	A	0.0766
rs11905011	G	-0.0302
rs2070755	G	-0.0246
rs117694768	T	0.1265
rs116865451	A	-0.189
rs76374881	A	0.0517
rs1011643	T	-0.04
rs55916811	C	-0.0449
rs4812664	G	0.0279
rs76285764	C	-0.1122
rs12480625	A	-0.0276
rs6022666	G	0.029
rs76039924	G	0.0866
rs4810499	T	-0.0356
rs8117242	T	-0.0551
rs78057386	G	0.1687
rs67243058	C	0.0271
rs116858387	T	-0.1201
rs6029598	T	0.0449
rs76224190	T	0.067
rs118059852	G	-0.1103
rs143370970	T	0.0919
rs16988891	T	-0.0369
rs80173297	G	-0.0769
rs6076053	A	-0.0991
rs11537702	A	-0.0438
rs235195	A	-0.0481
rs142731022	G	-0.2228
rs34186757	A	0.0448

rs17774176	G	0.0908
rs6097333	A	0.0464
rs113369914	T	0.186
rs6130478	G	0.1217
rs6027571	C	-0.0243
rs73096208	A	0.0568
rs139748643	C	0.1208
rs6103037	C	0.0336
rs6064095	G	-0.064
rs11698078	T	-0.0461
rs3091878	A	-0.0239
rs6015854	A	-0.028
rs34216186	A	0.1088
rs1028395	C	-0.0417
rs844811	T	0.1016
rs116996941	A	-0.1737
rs6077776	T	-0.0542
rs13039974	T	-0.1132
rs7262203	C	0.045
rs73098470	G	-0.094
rs117714306	C	-0.1636
rs6018791	A	-0.1045
rs6094985	T	0.0441
rs75124962	A	0.1483
rs16994496	C	0.0746
rs71338884	C	-0.0903
rs117342706	G	-0.1151
rs13433142	G	-0.0652
rs117167865	C	0.1235
rs118040112	T	0.0517
rs457903	T	0.1603
rs4813881	T	0.0254
rs1108895	C	0.0472
rs117287601	G	0.1653
rs62199762	T	0.181
rs6110845	G	0.028
rs78162372	T	0.1685
rs73135800	T	-0.0701
rs13039605	T	-0.029
rs884851	T	-0.0326
rs6061003	C	0.0245
rs11696807	A	0.0684
rs17220872	T	0.0588
rs3753137	C	-0.0263
rs73136237	T	-0.0442
rs111489740	T	-0.1259
rs117854947	T	0.1004

rs16997581	G	-0.0425
rs142883960	A	0.1229
rs73918907	A	0.0546
rs74515875	T	-0.1317
rs13038703	T	-0.0318
rs17678193	T	0.0296
rs1276354	C	-0.0276
rs79979126	C	-0.1015
rs6028932	C	0.0322
rs4630837	T	-0.0561
rs16991149	C	0.0519
rs6085770	T	0.23
rs79412169	A	0.0431
rs75746121	A	-0.0543
rs73071720	A	-0.0545
rs67340628	T	0.0751
rs371747	C	0.0712
rs6075263	A	0.0335
rs118173116	A	-0.0877
rs11697023	A	0.043
rs6046824	T	-0.0518
rs74938403	T	0.1254
rs6066443	T	-0.0258
rs6108983	A	0.0251
rs6077332	C	-0.0249
rs6073003	C	-0.0319
rs6126358	T	0.0249
rs148867800	G	-0.1359
rs7267551	C	0.0292
rs34157395	T	0.1192
rs6115792	A	-0.0796
rs158560	C	-0.0281
rs137887001	G	0.0947
rs1543449	C	0.0289
rs116960385	T	0.1182
rs6072680	A	-0.0328
rs76725394	C	0.0591
rs2249766	T	-0.0339
rs6122581	G	-0.0659
rs138442211	C	-0.1632
rs932826	C	0.0292
rs118008636	T	0.1366
rs6036310	A	0.0281
rs6064703	A	0.0319
rs10485590	C	0.0795
rs73146425	T	-0.0767
rs644239	T	-0.0268

rs175809	C	0.0365
rs117096288	A	-0.0931
rs74533257	T	0.0561
rs16993777	G	0.0816
rs6020616	A	0.1298
rs45437096	T	0.063
rs2425806	C	-0.0593
rs6128994	T	0.0418
rs6070475	T	-0.0238
rs6136000	C	0.0649
rs80156836	A	-0.0955
rs78336501	A	-0.0676
rs911380	T	-0.0252
rs6124929	A	0.0471
rs6015383	C	0.0302
rs139824725	T	0.1226
rs4812136	G	0.0756
rs143869596	C	-0.1236
rs62216293	A	0.0428
rs6059349	A	0.1231
rs10485617	A	0.0608
rs6126645	C	-0.0278
rs80118939	G	0.0349
rs62210969	C	-0.0396
rs144957921	T	-0.0482
rs78928095	T	-0.0688
rs147076537	A	-0.1085
rs805541	A	0.1228
rs117851374	T	0.102
rs45499892	T	0.0774
rs8120339	G	-0.0646
rs4809570	C	0.0614
rs116855042	C	0.0764
rs6087471	T	-0.0557
rs145772166	C	0.1922
rs73180631	A	0.0557
rs1000121	C	0.0313
rs6103737	A	-0.0705
rs2144937	G	0.0321
rs6074528	A	-0.0268
rs419274	G	0.0255
rs4572656	T	0.0493
rs143128825	G	-0.2305
rs62187494	A	-0.08
rs4809479	T	-0.0413
rs911528	T	0.1037
rs55770535	C	0.0526

rs1206753	C	0.0768
rs6070893	G	-0.0346
rs151158010	C	0.1141
rs6122606	T	0.0329
rs2869932	C	0.0439
rs73148636	G	-0.1021
rs6076874	C	-0.0252
rs41275422	G	0.0481
rs117148279	T	0.0916
rs148448531	T	0.0968
rs6025722	C	-0.0379
rs6107584	C	0.0322
rs6122383	T	0.0547
rs143926245	A	0.1333
rs235736	C	0.0912
rs6086403	A	0.0299
rs142395923	G	0.1233
rs6099903	G	0.0283
rs415702	A	0.0359
rs78003329	G	-0.0882
rs41282770	A	0.138
rs6052350	G	-0.0295
rs113807457	G	0.1491
rs755756	A	-0.0234
rs6068913	A	0.1319
rs138467308	T	0.1594
rs219863	A	0.1044
rs8118432	G	-0.0264
rs2015529	C	0.0715
rs76669166	A	0.1319
rs148489001	A	0.212
rs1201686	C	0.058
rs6127784	A	0.0245
rs62197774	G	0.0886
rs6103863	T	0.0658
rs6064134	A	0.0575
rs117513557	T	0.1572
rs4815805	T	0.0256
rs77654614	A	0.0451
rs117293977	C	-0.2349
rs6065411	C	0.0282
rs117633566	T	0.0816
rs55678247	A	0.0295
rs58572087	C	0.0984
rs78479182	A	-0.1044
rs211860	T	0.1518
rs11699812	A	0.1227

rs1327230	C	-0.0294
rs6094799	A	0.0808
rs816956	G	-0.0285
rs2423092	A	0.027
rs10485522	A	-0.0489
rs2425156	C	-0.0322
rs1205229	A	0.0753
rs2299725	A	-0.0831
rs8115244	A	0.0363
rs141268089	T	-0.1355
rs6074916	T	-0.0656
rs2425612	A	0.0375
rs73893445	C	-0.1335
rs6094514	T	0.0363
rs6056120	A	0.0503
rs147310568	T	-0.1107
rs117775740	A	-0.1649
rs117197223	G	-0.0654
rs8119186	G	-0.0272
rs76274135	A	0.1501
rs7267256	A	0.026
rs444195	T	-0.0241
rs66980079	A	-0.0347
rs73609386	C	0.1945
rs79326413	G	0.0505
rs17688807	G	-0.0296
rs146285498	A	-0.1228
rs73298968	A	-0.1073
rs118148307	T	0.1023
rs56179591	A	0.0324
rs6033830	T	0.0249
rs113433024	T	0.1816
rs6083743	C	0.0417
rs35993723	A	0.0297
rs6039829	G	-0.0327
rs60182773	T	0.0818
rs7353549	T	0.0547
rs2024940	C	-0.044
rs433279	T	0.0452
rs6118228	G	-0.0422
rs12481387	G	-0.0243
rs6052929	C	-0.0894
rs6090915	G	-0.0379
rs142593868	T	0.0923
rs6072448	A	0.1093
rs6101860	C	0.0652
rs117669841	T	-0.1817

rs11700023	G	0.0447
rs73915893	G	-0.058
rs79079317	A	0.0351
rs138308963	A	0.1403
rs666753	T	0.0246
rs76307902	T	0.0624
rs62204894	A	-0.0655
rs77191133	C	-0.0573
rs6089240	A	-0.0287
rs2243656	A	-0.0265
rs2801011	T	-0.0293
rs6085308	C	0.028
rs7265376	T	0.0741
rs73094651	T	0.1271
rs77591862	A	-0.1496
rs6046780	C	0.0403
rs75113125	A	-0.0895
rs3092500	A	-0.0351
rs2328366	T	-0.037
rs8764	C	0.0294
rs75037267	G	-0.1217
rs735055	A	0.0355
rs198494	A	0.0343
rs17489332	A	0.0639
rs144743370	G	0.1425
rs6024728	A	0.0298
rs3790201	A	-0.0859
rs742415	A	-0.0293
rs56287257	C	-0.0431
rs116967386	T	0.1184
rs11699754	C	0.0505
rs1535487	A	0.0301
rs13037006	G	-0.0233
rs10470043	T	-0.03
rs4809552	T	0.0332
rs144147995	G	0.1905
rs1535141	T	-0.0266
rs243903	C	0.0422
rs6112071	G	0.0228
rs1338695	G	0.1365
rs2423089	C	0.0459
rs66528071	G	0.029
rs6126053	T	-0.1736
rs6111510	G	0.0349
rs6030445	G	0.0278
rs4402826	T	0.0377
rs79842685	G	-0.1017

rs35829183	T	0.0506
rs117099517	A	-0.1475
rs79043340	T	0.152
rs6052542	G	0.0328
rs6114896	C	0.07
rs6135701	A	-0.0605
rs146817147	C	0.127
rs11696799	T	-0.023
rs6117164	G	-0.0355
rs6105819	A	-0.0627
rs5007291	A	0.0279
rs144565488	T	-0.1537
rs4911156	A	-0.0235
rs6068063	G	-0.0561
rs6034087	A	0.0234
rs73616229	A	-0.0712
rs7269583	C	0.0694
rs398550	T	-0.037
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rs73915370	A	-0.1007
rs6018493	A	-0.0399
rs6066688	G	0.0296
rs12162444	A	0.1061
rs215551	C	0.03
rs6074574	C	-0.0246
rs73121517	A	0.0865
rs79521519	C	-0.121
rs6123389	T	-0.1059
rs117986619	T	0.1597
rs3092651	G	-0.0312
rs77842645	T	0.1259
rs6112244	A	0.0232
rs62227074	C	-0.0364
rs140270557	T	0.1054
rs6123618	T	0.0415
rs78404372	C	0.0418
rs12625235	A	0.0354
rs79532618	A	0.104
rs6025365	G	0.0252
rs3026508	C	-0.0598
rs13038170	G	0.0372
rs2426643	G	-0.0233
rs6123077	G	-0.0275
rs99595	T	0.0244
rs10854210	T	-0.0389
rs846209	C	0.0225
rs140408635	T	0.1341

rs6010719	G	0.0603
rs79475204	C	-0.0726
rs1985895	T	0.0316
rs6012939	A	-0.0285
rs1013661	T	0.0249
rs35067340	C	-0.1122
rs13044511	A	-0.0602
rs117418718	A	0.2365
rs6134104	A	-0.0294
rs926709	T	0.0403
rs6025673	A	-0.0545
rs6084136	C	-0.0244
rs761567	A	-0.0247
rs6115073	C	0.0297
rs111371088	C	-0.094
rs62203185	A	-0.0893
rs78880431	C	-0.0718
rs73110494	G	-0.0903
rs3135414	G	-0.0525
rs2179609	G	0.0275
rs35235111	A	-0.1113
rs6023430	A	-0.0259
rs632438	C	-0.0415
rs55909236	T	-0.0499
rs4809331	A	-0.0454
rs117125781	A	-0.1223
rs10485728	C	-0.0304
rs232631	G	-0.0418
rs77693596	T	0.1458
rs16994138	C	0.0429
rs6030109	C	-0.0229
rs6097326	A	-0.0348
rs6076601	G	-0.0248
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rs6062345	C	-0.0296
rs6088103	T	0.0815
rs6071260	C	-0.0352
rs117917516	T	-0.074
rs11697538	T	-0.0295
rs11699563	T	-0.116
rs2983453	A	-0.0295
rs77946839	A	-0.0634
rs1537134	T	0.0254
rs6090309	T	0.0288
rs62203876	G	0.068
rs6137197	T	-0.0586
rs117777911	A	-0.0772

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rs3817845	C	0.0482
rs17499060	C	0.0666
rs6096291	A	-0.0225
rs1008223	T	0.0431
rs6029424	C	0.0244
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rs6077938	C	-0.0225
rs13040271	T	0.1177
rs6123658	T	-0.023
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rs117680728	T	0.0978
rs6117095	C	0.0337
rs1078944	T	-0.0551
rs624422	C	-0.0274
rs36120379	T	-0.0604
rs6109762	G	0.0479
rs8118265	T	-0.0827
rs582998	T	-0.0254
rs183174	G	0.0363
rs708954	C	0.0434
rs34014949	A	-0.0526
rs62212761	T	0.1631
rs6114714	G	-0.0231
rs73181652	A	-0.0459
rs2273642	A	-0.0238
rs6132436	C	-0.0249
rs6111590	A	0.0798
rs6100502	A	-0.0863
rs1075604	A	0.0322
rs74835713	A	0.0912
rs4811302	G	0.0235
rs118191495	A	-0.1786
rs271966	G	-0.0909
rs6047800	C	-0.0306
rs117041753	T	0.104
rs6087442	T	-0.0397
rs146862630	A	0.0531
rs79272946	C	0.0518
rs6512409	G	-0.0262
rs12329474	C	-0.0701
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rs5011374	A	-0.0222
rs2425885	C	0.0578
rs4815798	G	0.0261
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rs6017309	T	-0.0274
rs6066831	A	0.1795
rs117797871	A	-0.1353
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rs139426882	C	0.0823
rs10485804	A	-0.024
rs6022731	T	-0.0265
rs8124349	T	0.0679
rs73915328	A	0.1549
rs6032789	G	0.0258
rs17722402	G	-0.0224
rs137866296	C	-0.1064
rs144480666	T	-0.1493
rs76541103	T	0.0997
rs2423845	T	0.0329
rs11699839	C	0.0533
rs79230986	A	0.1402
rs6050891	C	-0.024
rs1033574	C	0.0342
rs117950134	C	-0.1171
rs73117884	A	0.1664
rs964794	A	0.0237
rs6065648	T	-0.2194
rs6084348	T	0.026
rs142606262	A	-0.138
rs6015460	T	0.0494
rs16984477	A	0.098
rs6049782	G	0.0243
rs79468194	G	0.0845
rs76846567	A	0.0924
rs1340937	G	-0.023
rs6587239	T	0.0323
rs220989	T	0.0437
rs79265918	T	0.1457
rs113651391	A	0.0444
rs6064454	T	-0.0337
rs6096589	T	0.0288
rs6065632	C	0.0297
rs116013021	T	0.1349
rs4812145	C	-0.0238
rs8126162	G	0.0934
rs117282676	T	0.0943
rs743092	A	0.0239
rs4809464	T	0.0682
rs6138281	A	0.0316
rs6039875	A	0.0236
rs36115268	T	0.0289

rs6050363	G	0.0279
rs75649943	G	0.0837
rs73107066	A	0.0734
rs2187853	T	-0.0622
rs205891	G	-0.0471
rs731200	A	0.0999
rs6067421	A	0.0334
rs117887580	A	-0.1081
rs6091416	C	-0.0221
rs6108165	A	0.0292
rs6071959	A	-0.0267
rs4530437	A	0.0386
rs6129439	C	0.0321
rs6078924	A	-0.0274
rs118124832	G	0.0944
rs74174997	T	0.0388
rs116962379	T	0.1121
rs117105141	T	0.1403
rs748834	G	0.0365
rs116997225	A	0.1194
rs4810648	C	0.048
rs6117881	G	-0.0217
rs6094456	C	-0.0558
rs7268540	C	0.0404
rs76389403	G	0.0636
rs218456	T	0.0394
rs6086474	A	0.0266
rs13044160	C	0.0353
rs76617721	C	-0.1088
rs45456397	A	-0.044
rs11696851	G	-0.0907
rs6108305	T	-0.0266
rs13041415	C	-0.0291
rs149045781	G	-0.1025
rs58116673	T	-0.0394
rs2427384	A	0.0288
rs139851135	T	-0.0976
rs6080504	C	-0.047
rs75582259	T	0.0496
rs6069771	G	-0.0419
rs6139074	C	0.0299
rs6029785	T	-0.024
rs113203305	A	-0.1372
rs117716948	C	-0.0676
rs8126317	A	-0.1419
rs6107372	C	-0.0567
rs117359973	G	-0.0733

rs76902285	A	0.0743
rs13044526	G	0.041
rs117080162	T	0.1212
rs4811838	A	0.1033
rs55798845	G	-0.0499
rs138311134	T	0.1229
rs6092424	A	-0.0228
rs62218321	C	-0.0629
rs4814959	A	0.0246
rs149009086	C	0.1857
rs211446	A	0.132
rs7360540	A	-0.0301
rs6017344	T	0.0296
rs4527262	G	-0.0628
rs34388980	A	-0.0265
rs117340493	A	-0.0818
rs148541866	T	-0.0961
rs6063148	C	0.0446
rs578505	C	-0.0246
rs1018576	C	-0.0252
rs4813952	A	0.0601
rs71356159	T	-0.0762
rs3787382	T	-0.0336
rs11086652	T	-0.0267
rs117811331	T	-0.0972
rs1013499	A	-0.0217
rs235731	A	-0.0236
rs6017765	C	-0.0719
rs73179443	T	-0.0664
rs6135557	T	-0.0331
rs62203786	T	0.0446
rs117838358	T	0.1029
rs6072344	A	-0.2086
rs911152	G	-0.1255
rs13044391	A	-0.1006
rs6025558	A	0.0589
rs6140477	C	0.0394
rs685119	C	0.0241
rs34060731	A	-0.051
rs62195866	T	0.105
rs6141394	T	0.1043
rs78155675	T	0.1458
rs145502460	A	0.1058
rs118096293	T	-0.0918
rs76586047	A	-0.1287
rs1569712	A	-0.1266
rs6014562	T	0.032

rs150399411	G	-0.1683
rs76705538	T	0.1189
rs73072199	C	0.0429
rs6092420	C	0.1764
rs73605546	A	0.0243
rs62202400	A	-0.0558
rs1418796	A	-0.0246
rs78042317	A	-0.0875
rs6063670	A	0.0353
rs3091738	A	0.0278
rs6070018	A	-0.0288
rs6055451	C	-0.0356
rs35579509	T	0.1032
rs62204343	T	0.0359
rs6071505	A	-0.0632
rs62208309	T	0.1004
rs145114825	A	0.1874
rs118183288	A	0.0739
rs75437069	T	0.143
rs6128355	G	-0.0237
rs241623	C	0.0222
rs78548526	T	0.1033
rs118155041	T	0.1049
rs118001141	A	0.091
rs58546573	C	-0.1367
rs73155326	A	-0.1273
rs4810144	T	-0.0215
rs13040470	A	-0.0678
rs11699457	A	-0.0278
rs62201717	T	0.0885
rs62227429	G	0.1214
rs6035216	C	-0.0604
rs62205675	G	0.0666
rs6134101	T	0.0869
rs845983	T	0.0469
rs6072548	G	0.0548
rs6105829	T	0.0381
rs41282014	T	-0.2306
rs75360143	A	0.0845
rs1107953	T	-0.0437
rs151075835	G	-0.092
rs6102522	C	-0.0514
rs62208506	C	-0.0282
rs78339249	G	-0.0645
rs118085391	T	-0.0534
rs6050341	T	0.0278
rs6012121	G	0.1647

rs4813189	C	0.0652
rs34010827	G	0.0319
rs4812972	T	-0.0229
rs6031839	C	0.0219
rs6116024	C	-0.0382
rs118073890	A	-0.0871
rs34436556	C	0.0338
rs145102901	G	0.1288
rs4814568	C	-0.0828
rs148216216	T	0.1545
rs3026617	T	0.0667
rs72626575	G	0.0714
rs1225897	G	0.0266
rs137978857	A	0.1451
rs377256	G	0.0214
rs138707018	T	-0.1046
rs35617730	A	-0.0637
rs6028266	G	-0.0288
rs4813625	C	0.0255
rs41303793	T	-0.0806
rs74706405	T	0.1042
rs6015096	T	0.0351
rs62207761	G	0.0809
rs34065590	G	0.0783
rs1418928	C	0.0471
rs78055051	A	-0.0362
rs117633973	T	0.1547
rs55872953	G	0.1082
rs6078332	T	0.0229
rs142865890	T	0.1482
rs6074927	A	-0.0219
rs79740739	A	-0.1162
rs76208857	A	-0.0968
rs6127603	A	0.0828
rs9679899	C	0.0432
rs41303911	A	-0.0799
rs6086491	C	0.0553
rs118053626	C	0.1347
rs75765194	A	-0.1672
rs4813121	A	-0.0221
rs112798464	C	0.0594
rs4815845	G	-0.0318
rs6092841	T	0.0619
rs113969672	T	0.0806
rs75191963	G	-0.0978
rs6138064	A	-0.0591
rs73123243	A	-0.1068

rs6033266	G	0.033
rs162076	G	-0.0217
rs6136038	T	0.0488
rs6133096	A	0.0246
rs1232587	G	0.0428
rs78925297	G	-0.0575
rs116852016	C	0.1005
rs7270222	A	0.0585
rs74672635	A	-0.0426
rs208260	A	-0.0568
rs6079081	G	-0.0227
rs6110939	A	0.0303
rs6089261	A	-0.0434
rs7263781	C	0.0826
rs6087047	C	-0.0388
rs78761552	C	0.0692
rs78885216	T	0.0933
rs241804	G	-0.0394
rs35365214	G	-0.1166
rs6049102	A	-0.0231
rs146765911	T	0.1074
rs116734350	T	-0.0632
rs12624799	T	0.1263
rs6027951	T	0.0467
rs76416232	T	0.0395
rs78110257	T	-0.2256
rs7362501	A	0.0251
rs391256	C	-0.025
rs7261629	A	0.0421
rs6127895	G	0.0265
rs73152226	A	0.0505
rs6131047	A	0.0236
rs139751305	A	0.1463
rs139922580	C	0.1686
rs13043411	T	0.0286
rs6096989	T	-0.0252
rs2050087	T	-0.0316
rs1014436	G	0.0228
rs11908282	T	0.1039
rs73124177	A	-0.0632
rs56654856	G	0.0655
rs77899546	G	-0.0604
rs58141344	G	0.0433
rs77796076	C	0.0999
rs6018241	A	0.0222
rs6127670	C	-0.0221
rs1507458	T	0.0236

rs80192833	A	0.0448
rs6043851	T	-0.0245
rs859028	T	-0.035
rs2904144	C	-0.0284
rs117650218	A	0.0722
rs151041169	T	0.1047
rs17773212	G	-0.0435
rs761021	A	-0.0285
rs6092606	T	0.0226
rs719541	T	-0.0222
rs2073142	C	0.0423
rs116930043	A	0.1493
rs73133162	T	-0.0997
rs1206806	T	-0.0606
rs117253602	A	-0.0453
rs59680148	T	0.0403
rs79521234	A	0.0933
rs116870154	C	0.0535
rs6512444	C	-0.0332
rs235716	C	0.0267
rs56017653	C	0.0481
rs817703	A	0.0524
rs12479598	T	0.1026
rs111814140	T	-0.086
rs111795077	C	-0.1419
rs6077478	T	-0.0504
rs880561	A	-0.0215
rs35530480	T	-0.075
rs76823605	T	0.0997
rs2144642	G	0.0235
rs116548544	A	0.0865
rs11696158	A	-0.0239
rs6078029	C	-0.0294
rs6038611	A	0.0274
rs76596653	T	-0.0719
rs6034240	G	-0.032
rs73124654	T	-0.059
rs736992	G	-0.0372
rs2618581	G	-0.0387
rs6030166	T	-0.0364
rs2423365	C	-0.0618
rs141566746	G	0.1188
rs4812474	C	-0.0406
rs10485771	C	0.0273
rs80337774	C	-0.0901
rs13037327	G	0.0448
rs856399	T	-0.0211

rs77331261	T	0.0741
rs6119190	A	0.0863
rs117435593	A	0.0681
rs6031758	T	0.0418
rs80066577	T	0.0731
rs1076717	T	0.0429
rs6051076	T	-0.0271
rs151020887	C	0.06
rs55920747	A	0.0238
rs4300902	G	-0.0531
rs2208009	C	-0.0378
rs141393158	G	-0.1244
rs117337938	G	-0.1267
rs1326014	C	0.1092
rs1570022	G	0.0699
rs957291	T	0.026
rs6046605	T	-0.022
rs2003716	T	0.0224
rs77839128	A	-0.1356
rs76935057	G	-0.1215
rs60802584	C	-0.1203
rs71337284	G	-0.0305
rs11697321	C	-0.0241
rs6054476	T	0.0353
rs73614424	A	-0.0543
rs147296029	T	0.1248
rs6084265	T	-0.0231
rs147988763	G	-0.0724
rs6123762	C	0.0297
rs73134650	T	0.0685
rs6133015	A	-0.0362
rs2144125	A	0.0342
rs150207	C	0.0227
rs117049135	C	-0.062
rs79693098	T	0.0542
rs2867555	G	-0.0322
rs1555669	A	0.023
rs74847991	A	-0.1063
rs112337602	A	0.0742
rs145985608	T	-0.0847
rs57705377	T	0.031
rs6090153	T	-0.0276
rs4815189	G	0.0385
rs73078475	C	-0.0672
rs6031400	T	0.0288
rs6142855	T	-0.0233
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rs74668397	A	-0.1223
rs75565600	C	-0.0437
rs6073330	A	-0.0235
rs6111844	A	-0.0316
rs6036195	G	-0.0214
rs926607	C	0.0232
rs163803	T	0.0448
rs2210455	T	-0.0265
rs6031587	T	0.0446
rs8118213	C	-0.0357
rs11698567	T	-0.0245
rs2422517	C	-0.0326
rs6031108	A	0.0235
rs148096038	T	0.1332
rs73913016	T	0.0395
rs2426975	T	0.0217
rs1831323	G	-0.0227
rs79951242	T	0.06
rs113689975	A	0.1474
rs208811	A	-0.0221
rs226689	G	0.0281
rs6083640	T	-0.0653
rs1534972	G	0.0249
rs62187532	T	0.0457
rs117669936	A	0.0801
rs55826742	A	-0.0295
rs148748876	G	-0.0879
rs73078235	G	0.0413
rs6082726	A	-0.0211
rs4911283	A	-0.0228
rs6024483	C	0.0216
rs78638059	T	-0.0345
rs2295440	T	-0.0248
rs118095134	G	0.1234
rs73069869	C	0.0853
rs2760547	T	0.0213
rs6135786	T	-0.0226
rs62206683	C	0.0413
rs76142024	T	0.0717
rs6086545	A	-0.0241
rs73895626	A	0.0747
rs6044494	G	0.0751
rs79436195	T	-0.064
rs58337288	T	-0.0762
rs6084295	A	0.0538
rs13041479	T	-0.1087

rs1888233	A	0.0255
rs78419525	G	0.1069
rs4813780	A	-0.043
rs116861641	C	-0.0981
rs80106383	G	0.0895
rs6046258	G	0.0294
rs148680893	A	0.1189
rs6074178	G	-0.0217
rs35009207	T	-0.077
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rs4813514	G	0.0316
rs6049331	G	-0.0311
rs75637135	T	0.1166
rs73098431	A	-0.0578
rs4812802	G	0.0212
rs3752306	G	0.0223
rs8994	A	-0.0443
rs55958442	C	-0.1438
rs78688823	C	-0.1284
rs117504655	A	-0.1134
rs78301565	A	-0.1211
rs140303041	G	0.0551
rs75477800	A	-0.0764
rs6065147	T	0.0223
rs111786851	G	-0.074
rs6070108	T	-0.0481
rs78812816	A	-0.0733
rs118148122	G	-0.1444
rs35106462	A	0.1212
rs67438213	G	-0.0601
rs117892382	C	-0.1585
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rs639089	T	-0.0225
rs34235785	A	0.0967
rs12479744	A	0.0916
rs142621227	C	-0.1263
rs13041303	A	-0.0806
rs78066098	G	0.098
rs16996371	G	-0.0269
rs118182252	G	-0.172
rs6023566	A	-0.034
rs55897881	G	0.0442
rs382340	A	0.0266
rs6035194	A	-0.0273
rs7270605	G	-0.0238
rs62212360	A	0.0358
rs6021673	G	-0.0216

rs35735316	A	0.0436
rs311492	T	-0.0387
rs1291119	T	0.0248
rs6085450	T	0.0609
rs34940999	A	0.0383
rs73103789	A	-0.0994
rs78383100	T	0.0546
rs3092198	G	0.0253
rs2777938	T	-0.0226
rs6074899	T	-0.0217
rs8114560	G	-0.022
rs240760	A	-0.0359
rs71336722	T	0.0698
rs116967441	T	0.1094
rs4809907	A	-0.0872
rs6055991	T	0.0275
rs77709598	G	0.0538
rs271954	T	0.036
rs73320333	G	0.0817
rs6035991	C	0.0324
rs78689814	A	-0.1004
rs117091911	A	-0.1143
rs13037625	T	0.032
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rs117741455	T	0.058
rs138834650	T	-0.138
rs2180463	A	-0.0209
rs147635701	A	-0.1073
rs6135654	T	-0.0325
rs2866746	C	0.0228
rs75073751	T	-0.1032
rs62187263	A	-0.0818
rs6081921	G	0.0313
rs2281395	G	-0.0321
rs6052324	A	-0.0686
rs62199117	G	0.0289
rs58970950	C	0.046
rs6052017	A	0.0619
rs75010738	C	0.0961
rs17800568	T	0.0507
rs73094826	T	-0.1707
rs62189077	C	-0.1014
rs62204038	C	-0.126
rs215537	C	0.0705
rs6134289	A	0.0311
rs151136149	A	0.1318
rs58512455	C	-0.0708

rs142512568	A	-0.1124
rs3746780	G	0.0283
rs34181968	G	-0.0273
rs1321712	A	0.0996
rs6139113	T	0.041
rs71332039	C	-0.0592
rs6030257	C	0.021
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rs73915973	T	0.1334
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rs71334902	T	0.076
rs117612812	T	0.1164
rs77617917	A	0.0512
rs6108827	A	0.0265
rs75834040	T	0.0737
rs77734958	T	-0.0337
rs6047560	G	0.0302
rs117785708	T	0.1262
rs6124487	T	0.0602
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rs2294257	G	0.0289
rs2745764	T	0.0218
rs2741484	C	-0.0272
rs73127812	C	0.1673
rs1962	C	0.0274
rs56235838	T	0.0478
rs10485530	G	-0.0801
rs6082674	G	0.0358
rs8117515	C	-0.1108
rs6123709	C	0.0257
rs6128265	T	0.122
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rs117226897	T	0.0769
rs62203881	T	0.0897
rs2995718	T	-0.0496
rs56852079	A	-0.1044
rs816925	A	-0.0244
rs6514377	A	0.0853
rs9680021	C	-0.0235
rs3746732	A	0.0234
rs73113234	A	-0.0947
rs76742130	G	0.0647
rs62201809	T	0.0364
rs35561608	G	-0.0693
rs6096661	G	-0.05
rs79553513	C	0.0554

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rs6062771	T	-0.0424
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rs6017285	G	-0.0301
rs75194779	G	-0.0768
rs1737396	C	0.0669
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rs17092385	A	0.0523
rs140445085	T	-0.1122
rs146511709	A	-0.0758
rs12479690	A	-0.0309
rs76448708	G	-0.0795
rs117441109	G	0.1239
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rs730477	A	0.0257
rs17316022	C	0.0684
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rs2423013	T	-0.0217
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rs143304610	G	-0.0831
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rs6136211	C	0.1369
rs8113845	T	-0.0233
rs12053610	A	0.0559
rs4811854	T	-0.0375
rs148453444	T	-0.1091
rs8122440	A	-0.1196
rs78297031	C	0.1661
rs6139405	T	0.0238
rs2193282	C	0.0233

rs73284710	A	-0.0442
rs117574830	T	0.1373
rs292117	G	-0.0429
rs6071574	A	0.0408
rs1556170	A	0.0234
rs6082227	A	0.0963
rs77023452	A	0.0449
rs145292436	T	0.073
rs75743174	C	0.1602
rs6026892	G	-0.0481
rs73078948	G	0.0924
rs142767998	A	0.0792
rs6043590	G	-0.0346
rs140507819	A	0.1284
rs2423350	A	0.0385
rs881739	G	-0.0282
rs61083035	A	-0.0423
rs6017414	G	-0.0515
rs747996	C	-0.0236
rs73095192	C	0.1411
rs118123309	A	0.1099
rs4811115	G	-0.0339
rs118112259	G	0.1731
rs80148880	T	-0.0477
rs6106065	T	-0.0878
rs7262344	C	0.0274
rs6073481	T	-0.0206
rs78734384	T	0.1273
rs117149764	C	-0.1089
rs80348494	A	0.0378
rs141420713	C	-0.109
rs78339899	T	0.0632
rs6018665	C	-0.0285
rs76588702	C	0.0587
rs2180291	C	0.0279
rs1546528	G	-0.0236
rs113609374	T	0.0674
rs75719221	G	0.0345
rs6073012	C	0.0333
rs4239689	G	0.0228
rs933240	A	-0.0216
rs749428	T	0.0279
rs6112566	A	0.0243
rs17790348	C	0.0307
rs383329	G	0.0224
rs16995983	T	0.0279
rs115605808	A	-0.0644

rs6142677	A	0.0255
rs62190008	T	0.0458
rs34705134	A	-0.0255
rs2016335	G	-0.0258
rs926668	C	0.0274
rs505547	A	0.0459
rs6017908	C	0.0421
rs116968870	A	0.0597
rs112448514	C	0.1161
rs117705278	G	0.0738
rs808683	T	-0.0224
rs117185077	T	0.0542
rs12929	G	-0.055
rs6034837	C	0.0225
rs113290122	T	-0.0672
rs6093893	G	-0.0692
rs113271766	G	0.0603
rs6037769	C	-0.0225
rs143656498	T	0.1169
rs6069741	A	0.0256
rs149700927	A	-0.1346
rs77996256	A	0.0595
rs6039856	T	0.0664
rs28372903	T	0.0929
rs13045050	C	0.0218
rs117035225	T	0.0866
rs117608003	A	0.0706
rs597040	C	0.1
rs3213170	G	0.092
rs77329858	T	0.0548
rs151164395	T	-0.1391
rs6092709	A	0.0264
rs149322306	A	0.1521
rs34427973	A	-0.1235
rs2050088	C	0.0263
rs149165602	G	0.0861
rs17685840	A	-0.1108
rs6079653	T	-0.0241
rs4925368	T	0.0221
rs6067891	T	-0.0582
rs117718931	T	-0.0739
rs6128674	A	-0.0274
rs699799	T	0.093
rs6032599	C	0.0447
rs6060455	A	0.0526
rs16986569	G	-0.1115
rs35352027	T	0.085

rs13045246	G	0.0227
rs6040823	C	-0.0642
rs8118100	C	0.0983
rs139819151	G	-0.0439
rs576839	G	0.0357
rs6123727	T	-0.023
rs208382	T	0.0628
rs6136322	C	0.0343
rs6514703	G	0.0314
rs56083778	T	0.0325
rs4809814	A	-0.0762
rs144286556	A	-0.0676
rs74407966	G	-0.0865
rs62192825	G	-0.087
rs73123322	A	0.0525
rs140371708	A	0.0784
rs77620004	C	0.0769
rs77377746	A	-0.0521
rs76243003	G	0.0385
rs79333383	T	-0.0479
rs62194752	C	0.0248
rs6074680	G	0.0203
rs141417369	T	-0.0977
rs6099674	C	-0.0209
rs6053042	T	0.1648
rs6134564	C	0.0537
rs6110115	A	-0.0202
rs72626576	T	-0.0368
rs17733969	T	-0.0374
rs6078495	C	0.02
rs6066209	T	0.0205
rs72662711	C	0.0573
rs73071383	G	-0.0377
rs2876056	C	-0.0228
rs141097293	A	0.0778
rs17801149	G	0.0407
rs16979934	C	-0.0814
rs846201	G	-0.0201
rs6041295	A	-0.0379
rs6067748	G	-0.0538
rs36118051	T	-0.0339
rs35198753	G	0.1208
rs6067680	G	0.0217
rs17812382	G	0.034
rs1885163	C	-0.0218
rs13039627	T	0.0269
rs149467721	T	-0.1489

rs76890345	T	0.1009
rs11906435	T	0.0221
rs2865801	A	-0.0258
rs7274853	T	-0.0484
rs6035823	A	-0.0224
rs6014491	T	0.0476
rs6096225	T	0.0199
rs116917055	T	0.143
rs73299050	A	0.1245
rs4810345	C	0.0213
rs117144974	G	0.0747
rs17766253	G	-0.1628
rs45597833	T	-0.0958
rs117916782	G	0.0938
rs6016101	G	-0.0484
rs1853091	G	0.0382
rs117058093	G	0.0862
rs3092525	T	-0.0222
rs66515906	A	0.0403
rs540015	T	0.0307
rs2144935	C	-0.1117
rs856965	T	-0.0261
rs117063323	A	0.1158
rs6020721	G	0.0211
rs59649021	T	-0.0481
rs1887853	C	-0.0198
rs13039527	T	-0.0453
rs74383202	A	-0.1005
rs140529886	C	-0.1518
rs60772399	A	-0.0682
rs6051643	G	0.1541
rs8124234	G	-0.0353
rs6053991	T	0.0314
rs2423103	T	-0.0254
rs79150571	A	0.0586
rs3827995	A	0.0217
rs75193673	T	-0.0816
rs62185664	T	0.0524
rs141635400	T	-0.1297
rs74405057	C	-0.0971
rs34073337	A	0.0407
rs77746857	T	0.0432
rs60034064	A	-0.0984
rs6015564	G	-0.0291
rs3810483	C	0.0311
rs6076933	G	0.0202
rs139240392	A	-0.1202

rs4809841	G	0.0285
rs4811951	G	0.0232
rs2867591	A	-0.0249
rs76077370	T	-0.0873
rs348800	A	0.0261
rs6081478	G	-0.022
rs2012234	T	0.0254
rs117881399	T	0.1473
rs62199200	T	0.0551
rs6033014	T	0.0211
rs735050	G	0.0274
rs62201229	T	-0.0417
rs6033966	A	0.0364
rs6133792	A	0.0963
rs78628395	T	0.1683
rs73262244	T	0.0944
rs8184442	T	0.0465
rs6072916	C	0.0641
rs117767767	A	0.0581
rs6063754	A	-0.0275
rs6104958	T	-0.0281
rs56036639	T	0.0313
rs117415190	A	-0.1745
rs6112187	C	-0.0292
rs4072977	A	0.0245
rs6126477	T	-0.04
rs13043323	T	-0.0988
rs6515135	T	-0.0462
rs659523	G	0.0432
rs6095007	C	0.0235
rs117536963	A	0.0714
rs6140833	C	-0.02
rs12480735	C	0.039
rs75138806	G	0.084
rs78602328	C	0.0791
rs297662	G	-0.021
rs2206805	T	0.0404
rs111674084	G	0.061
rs62195392	A	0.0389
rs7275145	T	-0.0235
rs3761207	A	0.0289
rs215560	G	-0.0319
rs55991918	T	-0.1255
rs76134679	G	0.1265
rs74668297	T	0.072
rs79576700	A	0.0795
rs45442591	T	0.1424

rs73912614	T	0.0303
rs74478992	A	-0.0625
rs12479502	G	-0.1312
rs2424460	T	0.0205
rs846744	G	-0.0257
rs6056813	A	-0.0202
rs111653635	C	-0.0356
rs6026945	T	0.0221
rs141875185	C	-0.0818
rs6065013	A	0.0252
rs11544169	G	-0.1448
rs142747954	A	0.1565
rs11698878	A	0.0737
rs142704251	G	-0.0799
rs6049208	A	0.0484
rs111521448	C	0.1001
rs6012664	C	-0.0326
rs146382851	C	0.1525
rs367421	C	-0.0197
rs75544915	C	-0.0874
rs62204508	A	-0.0594
rs6071791	T	-0.0805
rs6139320	T	-0.0293
rs6046764	T	0.0215
rs4811505	T	-0.0301
rs66760917	C	0.025
rs579148	C	0.1128
rs17391344	T	-0.112
rs7265103	G	-0.0661
rs4052812	T	0.0225
rs117848022	G	0.1303
rs6076951	T	0.0274
rs139945350	A	0.0702
rs62208124	C	0.0852
rs2590949	C	0.0241
rs4563302	T	0.0522
rs6020749	T	-0.0262
rs6036119	C	-0.0254
rs2145697	T	-0.0212
rs117976266	A	-0.1209
rs112864829	A	0.0471
rs4814905	T	0.0202
rs6029210	T	-0.0894
rs35877032	A	0.1369
rs996570	T	0.0212
rs117498415	A	-0.0893
rs78787815	A	0.0393

rs142717689	T	0.1024
rs6104818	G	-0.0699
rs117758861	C	-0.1091
rs6031180	G	-0.0264
rs67982417	C	0.0358
rs4813920	C	0.0563
rs113214904	A	0.1387
rs2424521	A	0.0198
rs6054158	C	-0.0259
rs34742789	T	0.0923
rs73604106	T	0.0604
rs1599967	A	-0.0344
rs208249	C	-0.0356
rs6088448	T	0.0338
rs140502039	T	-0.097
rs139873382	T	0.0967
rs12625967	G	0.0262
rs4987243	C	-0.0609
rs4815641	A	-0.0254
rs75714750	C	0.0642
rs1150440	T	0.0258
rs6069458	C	0.0217
rs957672	T	-0.1476
rs6092694	C	-0.0216
rs140594905	T	-0.1089
rs73094179	G	0.0995
rs112345294	T	-0.1034
rs6062347	A	0.0306
rs6135167	C	0.0222
rs74346263	C	0.1345
rs76512765	T	-0.0737
rs75293777	T	0.0932
rs202387	T	-0.0717
rs502522	T	0.0212
rs41282132	A	-0.0487
rs6091587	C	0.0253
rs2076407	A	-0.0261
rs34991564	A	-0.0378
rs138377453	G	0.0696
rs138053219	A	0.0539
rs112775751	C	-0.0293
rs6085153	G	-0.1161
rs148953382	A	-0.0615
rs2387394	A	-0.0678
rs73135250	T	0.0726
rs6071198	G	0.0377
rs6133596	A	-0.0591

rs2038211	T	-0.0203
rs6107455	A	-0.0266
rs6109720	C	0.0371
rs143424483	G	-0.1319
rs117357377	T	-0.1179
rs78784729	A	-0.0832
rs146870399	A	0.0921
rs118014067	G	-0.0824
rs6025237	T	-0.0203
rs947088	G	0.0218
rs113496374	T	-0.0469
rs79740876	A	0.0916
rs2756263	C	0.02
rs17719352	C	-0.0559
rs73141295	T	-0.0374
rs77766214	A	0.1005
rs57045495	A	0.0705
rs6025177	G	-0.0234
rs148617538	A	0.106
rs11698643	G	-0.0221
rs117390494	C	0.0708
rs34574177	T	-0.0526
rs1321348	T	-0.0282
rs75810088	A	-0.0785
rs117924725	G	0.0807
rs6065177	T	0.0268
rs580502	C	0.0234
rs275339	T	-0.0321
rs77861234	G	-0.1319
rs11086863	A	-0.0221
rs76422835	T	-0.1115
rs34431906	A	0.0243
rs6128234	G	0.0204
rs1569623	G	0.019
rs34276759	A	0.1148
rs235586	A	-0.0512
rs6056919	A	0.026
rs117596898	C	0.1236
rs11908461	T	0.0881
rs6082152	G	-0.1014
rs733822	G	-0.0319
rs77950369	T	0.102
rs2425193	T	0.0409
rs6016443	G	-0.0441
rs6075602	G	-0.0329
rs78111008	C	0.0665
rs77552380	G	-0.0211

rs138336346	C	-0.0769
rs11698882	T	0.1088
rs1406858	T	0.0219
rs4815994	T	-0.0196
rs80229066	C	0.0657
rs410068	T	-0.0202
rs6117031	A	0.0677
rs79304811	T	0.1195
rs6064826	G	0.0222
rs62210012	C	0.0344
rs1887305	A	0.0649
rs2423121	T	-0.0322
rs1360128	G	0.0191
rs62194814	C	-0.1252
rs79159352	A	0.0579
rs6094958	T	0.0224
rs111320156	T	-0.0352
rs4925269	A	0.0523
rs1892317	G	0.0198
rs1108093	T	0.0461
rs156357	T	-0.025
rs16998892	A	-0.0521
rs57160070	T	-0.0298
rs6074750	A	-0.0267
rs78570102	A	-0.1231
rs137942001	A	-0.0894
rs1002452	G	0.0414
rs7267496	T	-0.0239
rs2223540	T	-0.0208
rs8121971	A	-0.0481
rs75673256	C	-0.0741
rs79830873	A	-0.0856
rs117803481	T	-0.1256
rs6015185	G	-0.0192
rs6020431	T	0.0193
rs1513580	T	-0.0469
rs56036747	C	-0.1104
rs117468885	G	0.0558
rs34142456	T	0.0313
rs13037893	G	0.031
rs2064829	C	-0.0242
rs17812022	T	0.0385
rs74329794	A	0.1146
rs140148958	T	0.1106
rs204676	T	0.0256
rs56101650	C	0.0331
rs6040276	A	-0.0446

rs144934499	C	0.1089
rs13044683	A	0.0268
rs2103701	G	0.0316
rs208262	A	-0.0197
rs117950526	C	-0.1046
rs4811867	C	-0.0673
rs112377556	G	0.0612
rs117914513	T	0.1189
rs932428	G	0.0396
rs294435	A	0.062
rs6123359	G	0.0342
rs11908111	C	0.0357
rs73609448	G	0.1803
rs4813406	A	0.0271
rs73122606	T	-0.0854
rs62206564	T	-0.1445
rs79420125	T	-0.0513
rs7270373	C	0.0352
rs73069906	G	0.0276
rs113891463	A	0.1033
rs147904014	A	-0.1198
rs73103121	G	-0.1285
rs422330	G	0.0355
rs11698932	C	-0.0708
rs115176579	A	0.0831
rs4809300	A	-0.0543
rs16993799	G	0.0325
rs73091528	G	0.05
rs6134785	C	-0.0338
rs6123452	T	-0.0252
rs6046657	G	0.0194
rs55778060	T	0.0324
rs6064378	C	0.0464
rs17787661	T	0.0951
rs79919349	A	-0.1295
rs73074328	C	-0.0841
rs13041408	C	-0.04
rs235189	G	0.0249
rs112467341	G	0.0657
rs2295545	C	-0.0193
rs435204	A	0.0594
rs6112818	A	-0.0303
rs34415148	T	0.0432
rs115221642	A	0.0882
rs6138974	A	-0.0575
rs910981	G	0.0929
rs2281930	T	0.0372

rs75875231	A	0.1375
rs11697517	T	-0.0193
rs148968625	A	0.1394
rs117018863	G	0.1158
rs6073990	T	0.0195
rs8116357	T	-0.0706
rs6077707	T	0.0187
rs139326730	G	0.1014
rs2092470	G	0.0208
rs34240493	G	0.0449
rs77163681	G	0.0723
rs73601213	A	0.1083
rs35076157	G	0.0242
rs142226386	A	-0.136
rs6074226	G	-0.0202
rs1569689	G	0.0227
rs77608870	C	-0.0386
rs10854214	A	0.0215
rs55756197	T	0.0557
rs62190502	T	-0.1076
rs149310099	C	0.1147
rs73153254	C	0.0663
rs77220699	T	0.132
rs78297540	C	-0.0522
rs2246056	A	0.0194
rs118043987	T	0.084
rs721034	C	-0.0623
rs73150609	T	-0.0751
rs78632374	T	0.1728
rs28690399	C	0.0333
rs6140220	C	0.0502
rs116887584	T	0.0442
rs4813430	C	0.0203
rs78561809	C	-0.0863
rs118153960	T	0.0618
rs6131396	C	0.0189
rs6030804	A	0.0401
rs6078501	T	-0.0271
rs2143561	C	-0.0265
rs117904289	A	-0.0396
rs6140410	C	0.0259
rs35514997	C	-0.0476
rs41414046	T	0.0222
rs6024571	T	0.1493
rs6139436	T	0.0232
rs6086477	A	0.0217
rs4810740	T	0.0191

rs75310418	C	-0.1163
rs2250525	T	-0.0202
rs2423699	C	-0.0433
rs449849	T	0.0199
rs117362286	C	0.0473
rs3092479	G	0.0592
rs112571249	A	-0.0957
rs112960074	T	0.061
rs73099688	T	0.0531
rs6090259	T	-0.0195
rs6080675	A	0.057
rs2983614	G	0.0192
rs4809246	C	0.0348
rs75409828	A	-0.0714
rs78499157	T	-0.0788
rs6040339	T	0.0317
rs1074406	A	-0.0184
rs117275787	A	-0.0416
rs143005211	T	0.046
rs17698355	G	-0.1403
rs144164168	T	0.1211
rs112644707	A	0.0452
rs117693058	C	0.1356
rs2252731	A	0.0314
rs6142739	G	-0.0443
rs6077510	G	0.0202
rs79312785	A	0.0463
rs117666152	C	-0.0305
rs4811412	G	-0.0272
rs77886738	T	0.0671
rs17684891	G	-0.0277
rs6083125	C	-0.0665
rs62216874	C	0.0211
rs6107576	C	-0.1384
rs75403869	C	-0.1125
rs117427003	A	0.0506
rs117823045	A	-0.1413
rs34900485	C	0.107
rs75091427	T	0.066
rs76393249	A	0.0813
rs114770162	A	0.1092
rs118016871	A	0.0791
rs144888216	T	0.1108
rs11698638	T	0.021
rs41437650	G	0.0207
rs140611054	T	0.1062
rs2284277	A	0.0215

rs17732762	G	-0.0401
rs112757035	A	-0.0619
rs6136105	G	-0.0281
rs6052907	G	-0.0252
rs74745517	A	0.1006
rs62199416	G	0.0748
rs1997753	A	0.0565
rs73143770	A	-0.0595
rs6135163	A	0.0286
rs418999	T	-0.0219
rs6037591	A	-0.0344
rs17365739	T	-0.0217
rs117093212	T	0.1021
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rs6045464	C	0.0246
rs117428664	T	-0.06
rs17799974	T	-0.0608
rs118071766	T	-0.0579
rs141925232	A	-0.0943
rs117842119	C	0.1472
rs74885442	G	0.0452
rs13037366	C	-0.0216
rs118000600	A	0.1163
rs6053314	C	0.0611
rs6016888	C	0.0293
rs73121793	T	-0.0996
rs80321832	G	-0.1157
rs117924682	T	0.0645
rs73120997	A	0.1191
rs6031215	T	-0.0281
rs2273086	T	-0.0744
rs67597752	T	-0.0268
rs112526446	A	-0.0956
rs72623599	G	0.0736
rs12624607	T	0.0452
rs117387564	A	-0.0938
rs7268762	C	0.0397
rs56400707	T	-0.0375
rs6085158	C	0.0196
rs4140467	G	-0.0219
rs6097785	T	-0.0273
rs61759838	T	0.1034
rs6090256	T	0.0282
rs4814710	T	-0.0458
rs111753826	A	-0.0332

rs75811037	A	0.0557
rs6042033	C	0.0214
rs4555415	G	-0.0222
rs2326537	A	-0.0483
rs6128143	C	-0.0212
rs11696330	G	0.0622
rs78374570	T	-0.0974
rs214834	T	0.021
rs147908327	T	-0.0366
rs2585429	G	0.0211
rs2223675	C	0.0221
rs116996845	C	0.1041
rs73121465	T	-0.1329
rs76226055	A	0.0506
rs76638747	A	-0.1366
rs45449404	T	0.1222
rs41305819	G	-0.117
rs6041030	G	-0.0311
rs142775896	A	0.1119
rs6035353	C	-0.021
rs6082693	A	0.0386
rs11698045	T	-0.0183
rs4810642	C	-0.0196
rs112903214	G	0.0808
rs6049764	A	0.0292
rs6020458	T	-0.0683
rs117456308	C	0.0748
rs6139568	T	-0.0497
rs2424152	G	0.0329
rs7264751	C	-0.0222
rs35811012	G	-0.0583
rs117317877	T	0.0804
rs966534	T	-0.0238
rs6080539	C	0.0189
rs80308713	A	0.0865
rs78280227	T	0.0507
rs11697306	T	0.0892
rs16992853	T	-0.0787
rs6015692	C	0.0337
rs4813627	G	0.0188
rs6112178	G	0.0225
rs4815228	C	0.0222
rs6086564	T	0.0484
rs2010156	T	0.0236
rs79063809	A	-0.1102
rs73088014	C	0.087
rs74774445	G	0.151

rs117909856	C	0.0958
rs75701644	T	0.103
rs6139515	T	-0.0261
rs79257967	C	0.1323
rs7269351	G	-0.0491
rs73087311	C	-0.0327
rs2206484	A	0.035
rs73591627	T	-0.0391
rs117990836	G	-0.086
rs6121891	T	0.0831
rs6111846	T	0.0578
rs8124354	C	-0.0419
rs3787508	A	-0.0208
rs78347812	T	0.0332
rs117547789	G	0.0594
rs763475	C	-0.0328
rs117326918	T	0.095
rs6088475	C	0.0183
rs6029427	C	0.0742
rs12480056	T	0.0323
rs6103379	G	-0.0218
rs8122439	G	-0.1185
rs75921559	T	0.0503
rs2983540	A	-0.1083
rs79311665	A	-0.0422
rs115540353	A	0.0468
rs6062015	C	0.0311
rs3092258	C	0.0528
rs116852640	A	0.0502
rs56053406	G	0.0652
rs2425785	C	0.0269
rs71340814	A	0.0984
rs12480534	G	0.0207
rs35766405	C	-0.0236
rs7265535	A	0.0697
rs118075495	T	0.0992
rs143592317	T	-0.143
rs6052495	A	0.0455
rs2210075	T	0.026
rs1344430	T	0.1016
rs77396798	T	-0.1396
rs141294883	T	-0.0802
rs139176419	G	0.1227
rs6073385	G	0.0267
rs77166226	T	0.132
rs117433408	A	0.1166
rs6056557	G	0.0219

rs4815887	T	0.0465
rs114887336	G	-0.1094
rs75266764	G	-0.0344
rs73119317	G	0.0385
rs73139330	G	-0.1014
rs6083553	A	0.1109
rs4519594	T	0.03
rs112666256	T	-0.0668
rs62208479	A	0.0957
rs11086589	A	0.0181
rs16987935	A	0.0561
rs8121254	T	-0.0228
rs10485760	C	-0.0476
rs6079136	G	0.0199
rs35532158	A	-0.0264
rs139347191	C	-0.1118
rs7264220	T	-0.0388
rs6034677	T	-0.0227
rs8119239	G	0.0405
rs118004052	T	-0.0434
rs80231544	G	0.0579
rs75084756	T	-0.0797
rs6093031	A	-0.0289
rs6093912	C	0.0973
rs910893	G	-0.0326
rs6044483	A	-0.0209
rs143236114	A	0.1003
rs2050096	A	0.0436
rs13037722	C	-0.0419
rs2209751	T	0.0213
rs1206744	A	-0.0611
rs74326695	A	0.0254
rs6091420	C	0.0183
rs76780732	G	-0.0752
rs34571054	G	0.0259
rs146703565	T	0.1282
rs6089803	A	0.0209
rs138727676	G	0.0336
rs6112589	A	-0.0233
rs139611058	A	-0.0611
rs78892715	T	-0.0317
rs112354949	G	0.0694
rs4295072	G	-0.0346
rs11697509	G	-0.026
rs999421	G	-0.0188
rs62203490	T	0.0392
rs71348801	A	0.0422

rs77849581	G	-0.076
rs76222200	A	-0.0411
rs290393	A	0.0183
rs73601808	G	0.0316
rs62213604	G	-0.0293
rs6039438	C	0.0896
rs149935561	T	-0.0826
rs77624058	T	-0.065
rs9680100	G	0.071
rs6051490	C	0.0192
rs6073386	G	0.0708
rs117739760	A	-0.1132
rs80333852	C	-0.1596
rs72484087	C	0.0308
rs6071465	T	-0.0185
rs6011723	C	-0.1296
rs1741605	T	0.0336
rs75057984	G	0.0549
rs2876638	A	0.0363
rs4816177	G	0.023
rs17659054	A	-0.0359
rs73907513	A	-0.0433
rs16989513	C	-0.0343
rs73061891	T	-0.0633
rs17344506	A	-0.0541
rs113581335	C	0.1342
rs7272494	A	0.0682
rs6035707	C	-0.0295
rs6123602	A	-0.0321
rs6080175	T	0.0189
rs74478235	T	0.0609
rs1883270	A	0.0241
rs75995757	C	0.0567
rs13043431	T	-0.0287
rs879917	G	-0.0188
rs74671985	A	-0.0685
rs75573818	C	0.1216
rs6038974	G	0.0428
rs73249233	G	-0.0442
rs4809743	G	-0.019
rs4315587	A	-0.0199
rs4810071	C	-0.0228
rs75613432	A	-0.0735
rs6086607	G	-0.0201
rs73067489	A	-0.0427
rs139907469	G	-0.0675
rs6108801	T	0.0663

rs13042369	T	0.0259
rs897495	A	-0.0216
rs3933240	T	-0.0316
rs6027896	C	0.019
rs2011447	T	-0.0218
rs1217	G	0.0199
rs2236501	A	-0.0719
rs4814715	G	-0.0236
rs594240	A	0.0464
rs6134506	A	-0.0182
rs6029216	C	-0.0228
rs2745753	A	-0.0177
rs6124907	A	-0.0231
rs117548155	A	0.0757
rs4811755	T	-0.0573
rs146228116	T	-0.1113
rs34800442	G	-0.0386
rs6016813	C	-0.0428
rs6142831	C	-0.0242
rs3819579	A	-0.0191
rs13043021	T	0.032
rs2875958	C	-0.0201
rs2747564	A	0.0392
rs2004951	C	-0.0338
rs2590954	G	-0.0899
rs67674243	A	-0.0252
rs11699110	A	0.0554
rs456578	A	-0.018
rs4811562	C	0.0239
rs575534	A	-0.0193
rs117847876	T	0.0772
rs6040116	T	0.0384
rs4395306	T	0.0284
rs73623770	C	-0.036
rs720426	A	-0.0438
rs6068671	C	-0.0191
rs73071551	A	-0.0621
rs143636108	C	0.1152
rs4610118	G	0.0177
rs79236545	C	0.0509
rs6129972	T	-0.0294
rs74627735	T	0.0632
rs117230700	G	-0.0702
rs74447889	A	0.1414
rs1033641	A	-0.0182
rs112042273	T	0.0644
rs6041762	T	0.0177

rs6109798	C	0.0269
rs117970893	G	0.0759
rs76748346	T	0.0724
rs73115593	C	0.0982
rs78638327	T	-0.0549
rs73124945	C	0.0406
rs17123528	C	-0.1079
rs7267559	A	-0.0479
rs373225	A	0.0177
rs6020246	A	-0.0622
rs4814966	G	-0.0313
rs6085328	A	-0.0221
rs55986181	T	-0.1195
rs453573	C	0.0213
rs146380573	A	-0.0706
rs2257	G	-0.0242
rs62204955	C	-0.0633
rs78232157	T	-0.1018
rs78451162	A	-0.1176
rs62189067	C	-0.0838
rs2149254	T	-0.0195
rs16987038	A	0.059
rs200614	G	0.0203
rs113640850	A	-0.0554
rs117753689	C	-0.1188
rs10211701	T	0.093
rs6022863	A	0.0173
rs78160407	T	-0.068
rs61546182	T	0.0357
rs6013745	G	-0.0277
rs11698946	G	0.042
rs73152121	G	-0.0599
rs78101684	A	-0.1129
rs6056046	T	0.0245
rs714639	A	0.0303
rs148265619	T	-0.111
rs2423469	G	0.0199
rs6044930	T	-0.0186
rs10485781	C	0.026
rs4574172	A	-0.018
rs150225657	A	0.0437
rs138713011	T	0.0577
rs35912954	G	-0.0174
rs59959729	T	0.0711
rs6022462	A	0.0187
rs6027938	A	-0.0642
rs145194614	T	-0.111

rs6028129	T	0.0173
rs6127924	A	0.0281
rs3960930	A	0.021
rs117308553	A	0.059
rs1358798	A	0.0551
rs73293566	T	0.1111
rs145429104	A	-0.1124
rs4812400	T	-0.028
rs2425863	T	-0.0195
rs76724137	T	0.0775
rs112425317	T	-0.06
rs117131402	T	-0.0716
rs7268425	A	0.0479
rs2223912	C	-0.0373
rs74178006	T	-0.1197
rs34135505	T	-0.0306
rs73060350	C	0.0849
rs6513787	A	-0.0403
rs141980964	T	0.0906
rs62207962	T	0.0384
rs8114336	G	-0.0207
rs910389	A	-0.0218
rs7268071	A	-0.0255
rs73187046	G	0.0792
rs6115830	T	-0.0209
rs6075100	T	-0.0231
rs8124461	C	0.0356
rs3795144	A	-0.0244
rs221310	G	0.0195
rs112821138	C	0.0277
rs2426556	C	-0.0179
rs6134190	G	-0.0196
rs78177773	G	0.0287
rs205888	G	-0.0437
rs4605439	G	-0.0461
rs71340804	T	-0.1277
rs77604149	A	0.0434
rs76592741	T	0.0443
rs347465	A	-0.0203
rs6140102	A	-0.0254
rs57856344	T	0.0784
rs140644028	T	0.0355
rs62200211	G	0.028
rs2326510	T	-0.0235
rs113034869	C	0.1157
rs55797396	A	-0.0276
rs79412349	A	0.1053

rs841720	A	-0.019
rs116942760	C	-0.0409
rs149826446	C	0.1142
rs45469992	A	0.0322
rs67561917	A	0.0392
rs111995266	T	-0.0662
rs150247787	T	-0.0857
rs6100884	A	0.0247
rs6041466	C	0.0274
rs74182007	A	0.064
rs6019783	T	-0.0278
rs6070383	T	-0.024
rs4812198	T	0.0298
rs4814139	A	-0.0976
rs139684082	A	0.0665
rs73123586	A	-0.1231
rs6040250	C	0.0198
rs13040162	T	-0.0639
rs6084816	A	0.0407
rs6086362	C	-0.1061
rs144719754	A	0.1205
rs2425584	T	0.0206
rs2422954	A	-0.0256
rs111936770	G	0.0776
rs76498347	C	0.0601
rs6139651	G	0.0305
rs272905	C	0.02
rs117790167	C	-0.0601
rs2145069	T	0.0208
rs4535117	T	0.0894
rs116887540	A	0.0619
rs112786411	C	-0.0829
rs3790238	T	-0.0193
rs16990934	C	0.0466
rs6018812	A	0.0502
rs11697232	G	-0.0205
rs79600770	G	-0.0726
rs116972743	G	-0.0587
rs117532069	A	0.1195
rs117137367	C	0.0984
rs148533210	A	-0.1407
rs535000	T	-0.14
rs6096130	A	0.025
rs114904483	A	0.052
rs117326456	G	0.0686
rs76157760	T	-0.1224
rs78303951	G	0.0796

rs7269316	A	0.023
rs73096872	C	-0.0323
rs118105066	T	-0.063
rs16984125	C	-0.0347
rs6052093	C	-0.0275
rs58731432	T	0.0452
rs11087820	G	0.0404
rs78864879	G	-0.0741
rs227137	C	0.0183
rs147094865	A	0.0551
rs150624852	C	-0.0708
rs242793	G	-0.0313
rs16992240	C	0.0587
rs6014892	C	0.0267
rs4815853	T	0.0175
rs6073355	C	-0.0257
rs146056803	T	0.045
rs55709719	A	0.0277
rs235035	T	0.0329
rs73142383	C	-0.0718
rs8122335	G	-0.0195
rs12624507	A	-0.0563
rs77103674	T	0.0547
rs60084953	A	0.0375
rs77312793	T	-0.0428
rs151029260	A	0.1067
rs6080071	A	-0.0185
rs116927267	A	-0.0766
rs11696741	T	0.0435
rs13044688	C	-0.0233
rs6105394	T	0.0394
rs4627652	A	0.0493
rs6084920	T	-0.025
rs2423674	C	0.017
rs59926713	C	0.0343
rs116880269	T	-0.1133
rs4813009	G	0.0619
rs742698	T	-0.0193
rs4815271	T	-0.0236
rs111461327	C	-0.032
rs389905	G	-0.0187
rs6011959	A	-0.0184
rs117292925	T	-0.0481
rs74595534	A	-0.0712
rs60761970	C	0.0386
rs77694468	A	-0.1164
rs2426430	A	0.1076

rs6113816	A	0.0372
rs75352611	C	0.0371
rs143291093	C	-0.1285
rs6090518	A	-0.0287
rs4815273	T	-0.0174
rs2869410	C	0.0174
rs73915932	G	-0.1075
rs41279378	T	0.056
rs34384345	A	-0.0374
rs6139155	A	0.0293
rs6139845	C	-0.0394
rs6049705	A	0.0176
rs2426288	T	0.0426
rs4810488	A	0.0236
rs6014408	C	0.0189
rs74711420	T	-0.1125
rs6118366	A	0.1031
rs6056348	A	-0.036
rs6131996	G	-0.0279
rs6116931	A	-0.0473
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rs117755443	G	-0.142
rs116860699	A	-0.0701
rs6056032	G	0.0308
rs4987245	T	0.0608
rs78158403	G	-0.0881
rs117164926	T	0.0958
rs4811757	G	-0.0197
rs4061071	G	0.0177
rs76297090	T	0.1097
rs78800153	T	0.1197
rs6029006	T	0.0192
rs878522	G	0.0182
rs60887444	G	0.0485
rs2196780	T	0.0664
rs6107888	A	-0.0761
rs259971	G	-0.0174
rs6133439	G	0.0266
rs6034423	G	-0.0177
rs117029881	T	0.1304
rs45579635	A	0.1006
rs79928874	A	-0.1
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rs11697743	A	-0.0246
rs117480867	A	-0.1239
rs6111227	A	0.0196
rs63372560	A	-0.0643

rs6133151	A	0.1138
rs28565118	A	0.0284
rs459012	C	0.0239
rs140087946	T	0.06
rs77216172	G	0.1096
rs13041762	C	0.0299
rs56305126	C	-0.0603
rs73183007	G	-0.0322
rs2424403	C	0.0298
rs6121814	T	-0.041
rs75480865	A	-0.0737
rs6026494	G	0.0256
rs6041905	C	-0.0629
rs6067733	A	0.0349
rs117921028	T	-0.1483
rs7272290	A	-0.0179
rs118143370	T	-0.0723
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rs77624248	G	0.0792
rs112763701	A	0.0831
rs117222713	G	0.1502
rs79654241	T	0.0401
rs138511190	T	-0.0929
rs147493439	A	-0.1552
rs2876248	C	0.0177
rs143291909	G	-0.0579
rs35366239	A	0.0289
rs35498962	A	-0.0246
rs2092881	C	-0.018
rs745295	A	0.0186
rs6013828	T	0.0357
rs6016385	G	-0.0252
rs1581949	T	0.0956
rs66503967	T	0.0398
rs59892057	A	0.0397
rs61248445	T	0.0538
rs13037855	T	-0.0316
rs8113922	T	-0.0519
rs74397626	T	0.0508
rs12479469	A	0.0213
rs2840574	G	0.0908
rs6085190	C	0.018
rs6082446	A	0.0549
rs531192	T	-0.0324
rs6090088	A	0.029
rs112012162	T	-0.1023
rs3787260	C	0.0338

rs34515071	A	0.0194
rs140788628	A	-0.0896
rs2422841	G	0.0294
rs6118392	A	0.0188
rs6087733	T	0.0424
rs1559958	G	-0.0227
rs11570347	A	0.044
rs77511479	C	0.0607
rs16996363	A	-0.0234
rs13043471	A	0.0169
rs79688337	A	0.0335
rs6087956	T	0.0172
rs13043356	G	0.0199
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rs35273008	T	-0.0867
rs12626014	A	0.0548
rs67796110	A	-0.0294
rs137994698	C	0.0818
rs73117070	A	0.0637
rs6014918	G	-0.0176
rs6075001	A	-0.0432
rs878248	G	-0.0182
rs12625166	T	0.0389
rs117388418	G	-0.0666
rs74350478	C	-0.0398
rs78184009	A	-0.0233
rs67366242	A	0.0522
rs79344516	C	0.0374
rs971731	T	-0.0173
rs6133341	A	-0.0231
rs149133692	G	-0.0468
rs116968927	G	-0.0789
rs575322	A	0.0238
rs73897137	T	-0.048
rs4814648	A	-0.0181
rs6014850	C	0.0388
rs271969	A	-0.0204
rs2741443	G	0.0263
rs2183432	T	-0.0225
rs6089820	T	-0.0289
rs2149043	A	-0.0192
rs73193242	A	0.0219
rs142164583	C	-0.1743
rs6031079	T	0.0293
rs117759179	T	-0.0528
rs3092230	G	0.0179
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rs117608698	A	0.0488
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rs76980726	A	-0.0689
rs141478685	G	0.0791
rs117127385	C	-0.076
rs932765	T	0.0169
rs4809553	T	0.0497
rs117001118	T	0.0547
rs6094783	G	-0.0165
rs11697097	G	-0.0248
rs149663545	A	0.0802
rs6085093	A	-0.017
rs6102832	T	0.0208
rs117734218	T	0.0775
rs113577351	A	0.1258
rs78154034	T	0.1404
rs75078255	T	-0.0458
rs67647510	A	-0.0334
rs76965145	C	-0.0879
rs2294554	A	0.0179
rs113257858	T	-0.0562
rs77005051	A	0.0882
rs2426664	A	-0.0199
rs6117740	A	0.0295
rs35700721	T	-0.0291
rs75121127	T	0.0415
rs13041060	G	0.0498
rs6084732	A	0.02
rs6026386	C	0.0508
rs151025317	T	-0.0706
rs76694512	T	-0.0375
rs1406972	A	-0.0495
rs12151942	C	0.0172
rs12625750	A	-0.0611
rs150649253	T	-0.0823
rs793035	C	-0.0305
rs66767980	A	0.0826
rs73117856	C	-0.0471
rs9789820	C	-0.0845
rs11696267	T	-0.0288
rs75175692	A	0.0432
rs6078639	C	-0.1341
rs62196290	A	0.0677
rs6129564	A	-0.0955
rs6017342	A	-0.0246
rs10153979	G	0.0359

rs6062952	A	0.0211
rs2009309	T	-0.0207
rs75337428	A	0.0549
rs11700237	G	-0.0216
rs141513662	G	0.162
rs111922946	G	0.0635
rs169409	T	0.0172
rs73894468	A	0.0837
rs6109587	C	0.076
rs228827	G	-0.0223
rs76412642	G	-0.0492
rs34670199	C	-0.036
rs2144932	C	0.0566
rs11905884	G	-0.0343
rs151183751	T	-0.0728
rs6101892	C	0.0183
rs6090975	G	-0.0165
rs34924243	T	-0.0341
rs113685001	G	-0.0413
rs73136062	A	0.0661
rs113663250	T	-0.1033
rs2207152	T	-0.0244
rs62203552	C	-0.0712
rs139089964	C	-0.1246
rs79622676	T	-0.0349
rs117010729	T	0.1181
rs117570790	A	-0.0588
rs6122141	G	0.0193
rs9753682	A	0.0574
rs6044473	T	0.0192
rs6064271	C	-0.0295
rs117551305	A	-0.0587
rs3091566	C	-0.0222
rs79680017	A	0.069
rs75617203	A	-0.0354
rs76105176	C	0.0293
rs6137224	G	-0.0278
rs117338791	T	-0.1212
rs804386	A	-0.0505
rs34424541	G	0.0646
rs142432299	G	0.1266
rs6069995	G	-0.0389
rs6114730	T	-0.0292
rs11696614	T	0.0258
rs6132239	T	-0.0211
rs140187730	T	0.1205
rs6097008	A	0.0247

rs6052697	A	-0.0172
rs76696732	A	-0.0685
rs34985646	C	0.0253
rs6116241	G	-0.0277
rs2018604	G	-0.0169
rs3746816	C	-0.0164
rs11697921	G	0.0526
rs1321936	G	0.0172
rs77742001	T	0.0479
rs6061087	A	-0.0231
rs35532746	C	0.0769
rs78048358	G	-0.045
rs74783293	T	-0.1133
rs56144357	A	-0.0725
rs142599168	A	0.0873
rs4809648	T	-0.0279
rs80192815	C	-0.0958
rs6041861	G	-0.0225
rs603112	T	0.0251
rs117358382	A	-0.134
rs2143499	G	-0.0569
rs6090575	G	-0.0315
rs75472304	T	-0.0283
rs7267307	A	0.0235
rs41379048	G	-0.067
rs13044468	T	0.0209
rs16981524	A	-0.0688
rs141037084	C	0.0613
rs73099246	T	0.0292
rs76281385	A	0.1553
rs6045127	T	-0.0168
rs117464274	A	-0.0487
rs6035493	T	-0.0532
rs142680920	A	-0.0741
rs6122440	A	0.1051
rs2427637	T	-0.022
rs78714507	T	0.0679
rs7264061	C	-0.0217
rs76876830	G	0.0473
rs149743166	A	-0.1046
rs3787569	G	0.0265
rs76634929	T	0.0484
rs12479708	A	-0.0207
rs112775193	G	0.0364
rs143721940	G	0.0223
rs55960840	A	0.0752
rs882683	G	-0.0396

rs6131180	G	-0.0556
rs113140217	G	-0.0835
rs6055911	A	-0.025
rs113164978	A	0.0341
rs76762356	G	-0.0574
rs77261222	T	-0.0263
rs34249296	G	0.133
rs6074418	G	-0.1368
rs6134143	C	0.0244
rs73075360	A	-0.0737
rs35393013	T	0.1417
rs80154686	C	-0.0829
rs117836701	A	0.071
rs75038219	A	0.0451
rs141706469	A	-0.1154
rs77108923	A	-0.0943
rs35467629	A	0.0643
rs60075773	T	-0.028
rs17339921	C	0.0345
rs197173	T	-0.0241
rs66520711	T	-0.0373
rs58421747	C	0.0759
rs2014045	G	0.0191
rs7270671	T	0.1099
rs79954987	A	0.0754
rs79964386	T	-0.0646
rs17793372	T	0.1333
rs117705858	G	0.0959
rs17786449	G	0.0249
rs117113402	C	-0.0792
rs144223495	A	0.1421
rs6040056	T	0.0179
rs71329712	T	-0.0341
rs2423064	G	-0.0168
rs2327029	C	0.0673
rs13040414	G	0.0307
rs6085681	A	-0.0162
rs146962638	G	0.0455
rs35449500	G	-0.0296
rs16997717	T	-0.0369
rs16998549	C	-0.0512
rs6038583	G	0.0183
rs1971446	T	0.017
rs11696347	A	-0.0317
rs67408917	C	-0.0213
rs112431085	T	0.0576
rs2426451	T	-0.0355

rs36082436	T	-0.047
rs117509135	G	0.0521
rs6025181	A	0.0188
rs74801515	A	-0.0449
rs117789905	T	-0.09
rs73123327	T	-0.0288
rs4810163	G	-0.1196
rs73608192	C	-0.0443
rs6099398	C	-0.136
rs74823218	C	0.0415
rs150524557	T	-0.0829
rs6027829	C	-0.0515
rs147166891	T	0.097
rs115448696	C	-0.1152
rs117801728	G	-0.0813
rs59404903	C	0.0571
rs6124768	A	-0.0398
rs111611572	T	0.126
rs6046275	A	0.0196
rs6049109	T	-0.0818
rs67684443	A	0.0518
rs1546887	G	0.0164
rs11697363	T	-0.0645
rs1093453	C	0.0323
rs8118276	T	-0.0365
rs138324959	A	-0.0619
rs6091293	A	-0.0183
rs141214926	A	-0.068
rs74799366	C	-0.0891
rs16999772	C	-0.0239
rs77272398	A	0.02
rs127903	T	-0.0184
rs73141111	T	-0.0501
rs137900413	G	0.0632
rs6022239	C	0.0165
rs6064221	C	-0.0328
rs2276510	T	0.0182
rs75261072	A	-0.0693
rs113594110	T	-0.0808
rs6035202	A	-0.0161
rs145861901	T	0.0955
rs297719	C	0.0184
rs73184849	A	-0.0479
rs242791	G	0.0171
rs487656	A	-0.0247
rs149553950	G	0.0652
rs2424080	A	-0.0361

rs79765245	G	-0.0253
rs10048851	G	-0.0693
rs117555836	A	-0.0931
rs2423961	T	-0.0282
rs6090251	T	-0.0216
rs6052916	G	0.0232
rs3127061	G	0.0339
rs6128176	T	0.0472
rs80129293	A	0.0733
rs58438406	T	-0.0516
rs11698155	C	-0.0193
rs6089541	C	0.021
rs35587936	A	-0.0279
rs4813681	C	-0.0171
rs118140942	T	-0.0861
rs6071991	T	-0.0221
rs4814212	C	-0.0391
rs57833981	T	0.0672
rs116506318	T	-0.0695
rs2145294	T	0.0261
rs111478211	T	-0.1254
rs4577347	C	0.0255
rs112460573	G	0.0459
rs113382304	A	-0.0578
rs62207464	G	0.0859
rs6052141	C	-0.0294
rs6064357	T	0.0651
rs4812854	T	0.0194
rs117739309	G	-0.0821
rs6084237	A	0.0304
rs76384104	G	0.1552
rs78696839	A	-0.0692
rs141002440	T	0.1283
rs4467341	A	0.0157
rs112713056	A	-0.0393
rs6132580	A	-0.0226
rs117909903	T	0.0884
rs425766	T	-0.0185
rs157097	G	0.0173
rs141731593	T	0.1526
rs138554428	C	0.0605
rs856318	T	-0.0561
rs6061763	T	-0.0408
rs144990458	A	0.1205
rs73614468	G	-0.0811
rs73302915	A	0.0747
rs79922376	A	0.0404

rs117603453	A	0.0987
rs6091658	A	0.0241
rs6024632	G	-0.0164
rs13038097	T	-0.077
rs3761285	T	-0.0214
rs138722358	G	-0.0767
rs74864911	T	0.044
rs117183447	A	0.0751
rs62208272	C	-0.0697
rs11698447	A	0.0205
rs117367859	G	-0.0782
rs6011516	A	-0.0208
rs2427080	A	-0.0162
rs62204645	C	-0.0719
rs12481060	A	-0.0432
rs6016619	C	-0.0177
rs117390630	A	0.0508
rs2876363	T	-0.0206
rs34940198	A	0.0512
rs147780338	G	0.111
rs8115156	G	0.0159
rs6026995	T	-0.056
rs79622099	A	-0.0828
rs2425460	G	0.02
rs80306164	A	0.0668
rs147942964	A	0.0825
rs6138045	C	0.0485
rs235763	C	0.0163
rs6074682	T	-0.1056
rs6085145	G	-0.018
rs73079448	G	0.077
rs138953417	G	-0.0567
rs17804975	T	-0.0216
rs77030646	G	0.0518
rs1889538	G	0.0186
rs5741801	C	-0.0532
rs77291168	G	0.0848
rs35036147	A	0.0216
rs36121075	A	0.0283
rs143955308	T	0.1159
rs7264275	T	0.0973
rs6048351	A	0.029
rs77586274	A	0.1155
rs4811944	C	0.0187
rs6026947	T	-0.018
rs74826926	A	-0.1007
rs143832683	G	0.0608

rs6053690	T	0.0242
rs6021544	G	-0.0181
rs16981575	C	0.022
rs16981910	T	0.0365
rs6020935	T	-0.016
rs2427077	C	0.0231
rs117937965	C	-0.0719
rs11554628	A	0.0285
rs1884600	T	0.0225
rs6095479	G	-0.0173
rs41293120	T	0.1129
rs59826367	G	-0.0624
rs2144568	G	-0.0178
rs6066270	T	0.0188
rs1287072	A	0.0194
rs2424305	C	-0.0184
rs77458368	C	-0.0779
rs144072439	T	-0.0995
rs55700107	A	-0.0283
rs117795914	A	-0.0687
rs6078293	A	0.065
rs214819	T	-0.0299
rs11699858	T	0.0168
rs6031406	A	-0.0376
rs78742026	T	-0.0556
rs147213606	C	-0.058
rs117007971	G	-0.0408
rs62195084	T	-0.1251
rs74420259	A	0.0695
rs112810540	A	0.0618
rs17363289	G	0.0634
rs16994969	A	0.0202
rs117040061	A	0.1024
rs117226402	T	-0.0733
rs78870685	C	0.0603
rs73097912	C	0.0796
rs11087849	G	0.0169
rs6118221	G	0.0302
rs5023925	T	-0.0221
rs6071980	C	0.0234
rs117158553	T	-0.1467
rs13044736	G	0.0154
rs4816104	T	-0.0472
rs11698054	T	0.0222
rs77990211	A	-0.0711
rs2223665	T	-0.017
rs78621422	A	-0.0748

rs73090169	G	0.0368
rs6034272	C	0.0209
rs852064	G	0.1352
rs78834518	A	0.0829
rs77442367	A	-0.073
rs79306991	C	0.1162
rs77508942	C	-0.0772
rs2983434	T	0.0255
rs6044166	A	0.0151
rs3934503	T	0.0406
rs13043380	G	0.0458
rs73148077	T	0.0478
rs62190037	G	-0.0183
rs6011823	A	0.0204
rs112222172	A	0.0466
rs271950	A	0.0229
rs6092664	T	0.0688
rs6089985	T	0.0241
rs2426979	G	-0.0429
rs79285130	T	-0.0746
rs76930045	G	0.0599
rs56307857	A	0.0634
rs11907901	C	0.0158
rs117370454	C	0.0561
rs4815544	G	0.02
rs2423509	A	0.0255
rs75615161	T	0.1471
rs79275943	C	0.0206
rs6031275	T	-0.0261
rs2422843	C	0.0189
rs449202	T	0.0544
rs6512382	C	0.0193
rs7266754	G	-0.0277
rs6065414	T	-0.0178
rs73121346	G	0.1247
rs6045769	T	-0.0204
rs75626113	G	0.0504
rs117441059	A	0.0533
rs6073301	G	-0.016
rs55990504	G	0.0367
rs140500675	G	-0.0431
rs6107628	A	-0.0401
rs149824752	G	0.1212
rs55926922	C	-0.0227
rs1972189	A	-0.0176
rs75057723	C	0.1287
rs13040380	A	-0.05

rs6043973	A	-0.0176
rs144308556	A	0.0858
rs2867557	G	0.0311
rs74473646	A	-0.0631
rs73088552	A	-0.0404
rs4809667	A	0.0413
rs73120034	C	-0.022
rs79106890	T	-0.0327
rs145860634	A	0.1033
rs79712339	A	-0.0541
rs117373073	T	-0.0755
rs78969821	C	0.0348
rs35793014	A	0.0652
rs28671182	G	0.0443
rs6042159	T	0.0574
rs1475477	C	-0.0205
rs6052678	T	-0.0177
rs6045850	C	-0.0994
rs2681116	T	-0.0167
rs141849105	A	-0.0886
rs275265	A	-0.0189
rs138999843	A	0.0711
rs57532134	A	0.0677
rs1047507	G	-0.0515
rs6078490	C	0.0175
rs890610	G	-0.0173
rs77781449	T	0.0347
rs73911211	A	0.0596
rs149934537	A	0.0723
rs6110188	C	-0.0209
rs2223975	T	-0.039
rs2425764	G	0.0203
rs6074405	A	0.0189
rs6129918	G	-0.0268
rs6122115	G	-0.0201
rs2107608	A	0.0427
rs74576294	C	0.0754
rs73093234	C	0.0355
rs76421479	A	0.0729
rs73112899	C	0.0646
rs6038890	A	-0.0336
rs6049609	G	-0.0187
rs117079253	T	-0.1368
rs117887601	T	0.058
rs117173528	T	0.0485
rs16991992	C	0.0939
rs58637105	T	0.0631

rs6061787	G	0.0205
rs12481068	A	0.023
rs2086023	C	-0.0151
rs200731	C	0.0235
rs2423868	G	-0.0203
rs3746807	A	0.0242
rs138959569	A	-0.0953
rs2070855	T	0.0216
rs7264713	A	-0.0482
rs78729916	T	-0.0646
rs67367303	C	0.0236
rs35560557	A	0.0316
rs6131592	A	0.0233
rs11907788	A	0.0659
rs4814396	A	0.0166
rs6056989	T	0.0493
rs73115143	G	0.1071
rs17810503	T	-0.0454
rs140910589	C	0.0579
rs141312098	T	-0.0909
rs75477399	C	-0.1139
rs6140526	A	0.028
rs117119545	C	0.0727
rs13042961	C	0.0642
rs7272125	T	0.0281
rs12106093	A	-0.0331
rs13039634	G	-0.0487
rs4494825	A	-0.0236
rs77229674	T	0.0807
rs6075239	G	0.0161
rs78152432	G	0.0428
rs221314	A	0.017
rs17285026	T	-0.0299
rs7121	C	-0.0206
rs75162878	T	-0.0412
rs45532531	T	0.1049
rs138522189	C	0.0754
rs1016550	A	0.0152
rs7270924	T	-0.0831
rs6013306	C	-0.0177
rs79010737	G	-0.0576
rs17281575	A	0.0236
rs7492	A	0.0286
rs117115108	T	0.0668
rs76924111	T	0.078
rs143563480	G	0.0909
rs1884894	C	-0.0582

rs7270717	A	-0.0168
rs117892974	G	-0.0741
rs4814911	T	0.0191
rs8114399	A	0.0954
rs6035182	T	0.0266
rs141554970	G	0.1188
rs13041801	G	0.0155
rs873970	A	-0.0179
rs117141254	C	0.1448
rs114056490	A	0.0521
rs6096030	A	0.0421
rs11699384	G	-0.0688
rs73129511	C	-0.0747
rs17502794	A	0.0272
rs144636183	G	0.1083
rs1475478	T	-0.0334
rs6038970	A	-0.0447
rs6096603	T	-0.0261
rs117874820	A	0.054
rs6015477	A	0.0278
rs6025081	C	0.0666
rs73314070	T	0.0274
rs17352198	C	0.0583
rs149514391	G	-0.1224
rs78487498	C	0.1176
rs75008808	G	-0.1001
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rs11697133	A	0.0577
rs77010340	C	-0.0709
rs436473	C	-0.044
rs13043331	T	-0.0301
rs6099273	T	0.0196
rs6037419	A	-0.0389
rs6056849	T	-0.0207
rs6014765	A	0.0173
rs6064445	A	-0.0337
rs76215157	C	-0.1102
rs62204628	T	-0.0493
rs2422979	T	0.0152
rs6057884	A	0.0391
rs62209952	A	-0.0253
rs6066457	T	-0.024
rs2423490	T	0.016
rs2206497	C	-0.0148
rs6075818	A	0.0184
rs6067773	T	0.0259
rs62209203	C	-0.0179

rs79074988	T	-0.0563
rs3092145	G	0.045
rs139190109	G	0.0679
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rs2795019	G	-0.0173
rs6049798	T	0.015
rs80227264	T	-0.0349
rs4811880	T	-0.0189
rs2234197	A	0.0253
rs140076857	C	0.0822
rs145028721	A	0.1038
rs146442085	G	-0.1
rs77403747	T	-0.0987
rs6096834	T	0.1043
rs7262069	T	-0.015
rs6113973	A	-0.0455
rs62203667	G	-0.0961
rs12626106	C	0.0542
rs1077832	C	-0.0173
rs541760	C	0.0167
rs75167471	A	0.0204
rs2425454	T	0.0179
rs2904065	A	0.0278
rs144838824	C	-0.0893
rs78060398	C	-0.1065
rs6078410	C	-0.0154
rs73084977	A	0.1345
rs4813222	C	0.084
rs3810560	C	-0.0157
rs4815561	T	-0.0156
rs6134048	T	-0.0179
rs147612104	T	0.0863
rs118183281	T	-0.0614
rs79921796	A	0.092
rs78188241	C	0.0531
rs6028732	G	0.0148
rs73918431	T	0.081
rs3848676	T	-0.0632
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rs1571543	A	0.0382
rs761225	T	-0.016
rs6140382	G	-0.0315
rs6044020	A	0.0283
rs7270121	G	0.0208
rs11697171	A	0.0173
rs6032470	C	0.0223
rs4812565	T	0.0164

rs76343308	T	0.0952
rs6103157	C	0.015
rs13044015	T	0.0565
rs76661650	A	-0.0993
rs8115350	T	-0.0236
rs140157924	A	-0.1123
rs117202244	A	0.0459
rs3748480	G	-0.0233
rs4811793	G	0.0216
rs73063767	C	0.0361
rs6515047	A	-0.017
rs1928367	T	0.0159
rs35123420	C	-0.0363
rs6022454	G	-0.0742
rs6026565	A	0.0255
rs143455112	A	0.0591
rs1276467	A	-0.0586
rs4813245	C	-0.0157
rs4813668	G	0.0221
rs73103371	G	-0.0695
rs77282951	T	-0.048
rs17452311	A	-0.0851
rs6010934	A	-0.039
rs76392363	G	-0.0607
rs13039544	G	0.0154
rs6139039	A	0.0147
rs3092183	G	0.0305
rs6033300	C	-0.0892
rs4811123	T	0.0159
rs145814523	C	-0.0788
rs144717263	A	0.0618
rs58002671	T	0.069
rs146496844	A	0.0838
rs717671	C	-0.0205
rs73138671	T	-0.0498
rs78022411	T	0.0437
rs11697813	T	-0.057
rs62210619	T	-0.0568
rs6081690	C	0.0302
rs16995401	C	0.0173
rs6016860	A	-0.0266
rs143828566	T	0.0931
rs113483918	A	0.0552
rs13036265	C	0.0607
rs195026	T	-0.0147
rs982553	G	0.0155
rs76116321	T	-0.0627

rs6048095	C	0.0368
rs79309723	A	-0.071
rs11905888	A	-0.0253
rs4809451	C	0.0528
rs56351819	C	-0.0412
rs4810335	T	-0.0453
rs80313834	C	-0.0357
rs219857	C	0.0144
rs117783181	T	0.0322
rs116892696	C	-0.0959
rs16986733	C	-0.0724
rs13433202	C	0.0194
rs6128090	A	0.0354
rs11700326	G	-0.0176
rs6114803	C	-0.0217
rs6110881	G	-0.0181
rs6099733	T	-0.0184
rs76578974	T	-0.0221
rs4815810	G	-0.0151
rs6130455	G	0.0471
rs6083462	A	-0.016
rs111374511	A	0.0505
rs113544434	C	-0.0456
rs6045923	A	-0.0144
rs73611538	T	-0.0395
rs6048195	A	-0.0171
rs118137201	C	0.1056
rs34093524	T	0.0166
rs139242267	T	0.1064
rs17315896	T	0.0243
rs76186211	T	-0.0848
rs6129161	G	-0.0157
rs73078275	T	-0.0187
rs6013533	T	0.0149
rs117586879	G	-0.0649
rs2867240	T	0.0151
rs1004370	G	0.0175
rs13037894	A	0.0269
rs856950	A	-0.019
rs67784641	C	-0.0273
rs146598417	C	0.1139
rs62201052	C	-0.0747
rs62211242	C	-0.0206
rs6033553	C	-0.0197
rs79404145	G	-0.0309
rs138860683	T	0.0569
rs6114610	T	0.0382

rs6025625	T	0.0219
rs6116852	C	-0.0443
rs117673101	G	-0.0801
rs208819	T	-0.0747
rs73107674	G	-0.1024
rs13043654	T	0.017
rs11697413	A	0.0335
rs6078645	A	0.0208
rs141189173	T	0.094
rs140514799	G	-0.0566
rs73084239	A	-0.0312
rs6102136	T	0.0297
rs56659617	C	-0.03
rs6064111	C	-0.0322
rs77519932	G	-0.0769
rs2404887	A	-0.0161
rs6116866	C	0.0207
rs145339681	T	-0.0925
rs62213316	C	0.0248
rs1322107	A	0.015
rs4815850	C	-0.0274
rs61096088	C	0.0244
rs2423412	A	-0.0153
rs8116273	G	-0.0328
rs17426167	A	0.0269
rs117525461	C	0.0414
rs146287584	T	-0.095
rs143688311	C	0.0863
rs6020425	C	-0.0174
rs4086126	T	0.0478
rs117725610	A	0.0964
rs143851877	T	0.081
rs732007	C	-0.0165
rs149815840	G	0.0612
rs62207176	C	0.0568
rs75660948	A	0.0621
rs138588273	C	-0.1113
rs6053268	C	0.0164
rs17225436	G	-0.0151
rs62202174	G	0.0175
rs6054965	C	-0.0256
rs6091661	C	-0.0157
rs6011235	A	0.0356
rs76624484	T	0.0292
rs113981218	T	-0.0211
rs6085580	T	-0.0174
rs11087800	A	-0.0191

rs138337674	G	0.0972
rs62200421	A	-0.0369
rs79171335	C	-0.0669
rs148537251	C	-0.0859
rs75835648	G	0.049
rs6139518	G	0.0606
rs17804947	A	0.0635
rs6133360	T	0.0262
rs151286481	A	0.0342
rs145276342	A	0.0533
rs76595257	T	-0.1013
rs117646279	G	0.0801
rs117460601	A	-0.0766
rs34811005	T	-0.0546
rs7270847	A	-0.0171
rs76714328	C	0.0415
rs6084855	C	-0.0165
rs6080388	T	-0.0215
rs117323798	A	0.0598
rs62210125	A	-0.0706
rs845790	C	0.0247
rs140599073	C	-0.0807
rs6081772	C	-0.015
rs11908553	A	-0.0255
rs117307133	T	0.1257
rs55786507	G	0.1009
rs195001	T	-0.0155
rs77297816	C	0.0473
rs8121890	G	0.0656
rs73087043	C	0.1037
rs138872968	A	-0.0303
rs6071994	A	0.0174
rs79449407	A	0.0862
rs28547103	C	-0.0226
rs1413017	A	0.0139
rs73257762	C	-0.0414
rs6074591	T	-0.0193
rs7273292	C	-0.0694
rs76480528	A	0.0282
rs118008544	A	0.0473
rs141742754	G	0.0907
rs117850887	A	-0.1301
rs117977626	A	-0.0523
rs6069886	G	-0.0154
rs2326375	T	-0.0258
rs805747	G	-0.02
rs6068087	G	0.0147

rs6079272	A	-0.0211
rs148414402	T	0.0833
rs6131512	C	-0.0157
rs2745809	T	0.0187
rs6065677	T	-0.0448
rs117921143	A	0.0674
rs4816174	T	-0.0143
rs73090254	G	-0.0731
rs2073291	G	0.014
rs112622398	A	-0.0858
rs8297	G	-0.0682
rs35515294	T	-0.0564
rs146065732	C	-0.0768
rs148439766	A	-0.0855
rs6065751	A	-0.0334
rs151312338	A	0.0773
rs1555350	T	-0.0235
rs16994779	G	-0.0235
rs985546	C	-0.0263
rs114602031	G	0.0577
rs56039347	T	0.0595
rs12480001	G	0.0347
rs2271511	T	0.0207
rs4814308	G	-0.0191
rs117319531	A	-0.0556
rs137927005	T	0.0704
rs6095869	A	0.0688
rs116868305	T	0.0808
rs6021296	C	-0.016
rs6106080	A	-0.0452
rs78140746	G	-0.0492
rs80053117	T	0.0796
rs74179781	C	0.0237
rs76799017	C	-0.0289
rs62192949	T	0.0667
rs986830	C	-0.0194
rs4810736	C	-0.0297
rs747211	T	0.0193
rs8118279	G	-0.0168
rs6015839	C	-0.016
rs6080101	T	0.0156
rs74173190	A	0.0443
rs141653112	T	-0.0246
rs13043901	G	-0.0165
rs6085655	A	-0.0864
rs2425624	G	0.0139
rs911125	A	-0.0451

rs2853202	G	0.0143
rs6076550	T	-0.0623
rs2618650	G	0.018
rs58719211	T	0.0234
rs6081951	A	-0.0372
rs113385377	A	-0.106
rs58889963	A	0.0254
rs117365186	G	-0.0446
rs6015112	T	0.0199
rs62199154	C	-0.0304
rs118110304	G	-0.1152
rs6135477	A	0.0139
rs6018766	G	-0.0163
rs116854695	C	0.0881
rs2770374	G	0.0247
rs2425871	T	-0.0197
rs2327417	G	-0.0143
rs73914015	G	0.0721
rs11905838	A	0.0158
rs17753550	G	0.067
rs116999089	A	-0.0663
rs13038394	A	0.0274
rs1293441	G	-0.0144
rs6127753	A	0.0951
rs145456780	C	0.0752
rs141830006	G	-0.1048
rs4810551	G	0.0146
rs6104550	C	0.0162
rs6073675	T	-0.0194
rs4816169	C	0.0232
rs117671467	C	0.0604
rs62206602	T	-0.0529
rs76653884	T	-0.066
rs117949705	C	0.0828
rs60504792	A	-0.0262
rs6056620	A	0.0213
rs6140863	C	0.0218
rs41304798	T	0.0544
rs78876870	A	-0.0496
rs144079464	A	0.0651
rs75329471	A	-0.0981
rs2296527	A	-0.0216
rs3787524	T	-0.0203
rs79989945	A	-0.0429
rs6126742	T	0.0333
rs112377863	C	0.0671
rs2150130	A	0.0153

rs16980864	A	-0.0699
rs1467660	A	-0.0234
rs17731537	G	-0.0574
rs112991831	A	-0.0516
rs17728634	T	-0.1016
rs77730839	T	-0.03
rs138577302	T	0.0416
rs6090389	A	0.02
rs117202922	A	0.0807
rs73102249	T	-0.0269
rs2299971	T	-0.0146
rs6108334	C	0.0195
rs62208775	T	-0.0655
rs6123946	T	0.037
rs3911857	T	0.0149
rs56205434	A	-0.0296
rs118005059	T	0.0535
rs6088122	A	0.0165
rs117778485	T	0.0531
rs3803988	T	-0.03
rs73128074	G	-0.0525
rs200638	C	-0.0234
rs55742151	C	0.0628
rs117851468	G	-0.0779
rs41302556	T	0.0757
rs2064784	A	0.0265
rs145513557	T	0.0639
rs73148437	T	0.0653
rs2267915	A	-0.0433
rs6065232	G	-0.0191
rs75585676	C	0.0603
rs1883859	C	0.0202
rs112888949	A	0.0449
rs6035331	T	-0.0161
rs6076132	C	-0.0501
rs76726210	T	-0.0473
rs113594190	G	0.0487
rs79401657	C	0.0192
rs6051670	A	0.0336
rs144017103	T	-0.0951
rs13039734	G	-0.0397
rs11699245	C	0.0556
rs12481415	G	0.0421
rs77584949	G	-0.0551
rs34723708	T	-0.0202
rs73083916	G	0.0438
rs10485462	A	-0.0163

rs2021789	G	-0.0184
rs6036639	C	0.0291
rs116862624	G	-0.0367
rs34001662	C	0.0314
rs12480965	G	0.0444
rs6130613	T	-0.0144
rs143186100	T	-0.0627
rs1741287	A	-0.0352
rs6066126	T	0.0627
rs79099866	T	0.0531
rs62201704	A	-0.0242
rs2224367	G	0.0282
rs59338851	A	-0.0489
rs2424488	A	0.0353
rs55845064	G	0.0405
rs17793885	C	-0.0321
rs117026282	A	0.0659
rs111464722	T	-0.0613
rs6074232	A	-0.016
rs73095878	C	0.0514
rs6139745	T	-0.0249
rs117414708	C	0.0438
rs78883155	T	0.1201
rs60079594	T	0.0938
rs6105929	C	0.0624
rs73616656	T	-0.0309
rs73082474	C	0.1046
rs499731	C	0.0157
rs6071480	A	-0.0164
rs6512563	A	-0.081
rs117369355	A	0.0709
rs6093792	C	0.0182
rs73234091	C	-0.0834
rs74173362	C	0.0231
rs2474437	T	0.0175
rs35505382	A	-0.0165
rs73302389	T	0.0742
rs56007473	T	-0.1005
rs6084436	T	-0.0294
rs3920503	C	0.0386
rs11697477	T	-0.0191
rs6022791	C	0.0305
rs649846	G	-0.0206
rs78657046	T	0.0726
rs13044945	A	-0.0212
rs73101225	T	-0.0642
rs6093631	T	0.0289

rs202522	G	-0.0615
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rs6079852	C	0.0773
rs6099127	T	0.0313
rs74336636	T	0.053
rs6094796	G	0.023
rs76067818	T	-0.0367
rs6079224	T	0.0215
rs4811429	T	0.0267
rs75397596	C	-0.0439
rs6139004	G	0.0306
rs76912633	T	-0.0265
rs3827158	G	-0.028
rs609932	C	0.0174
rs76027654	T	0.0685
rs6049212	A	-0.0222
rs5017803	A	-0.0679
rs34873389	G	-0.0911
rs3906937	T	-0.0724
rs111463722	G	-0.0612
rs12480784	C	-0.0218
rs34967475	T	-0.0557
rs1741280	C	-0.019
rs113107074	T	0.0301
rs4815919	G	0.0292
rs115549255	G	0.0369
rs17800640	A	0.032
rs73269083	A	0.0398
rs6099676	A	0.0548
rs4925249	A	0.016
rs6116997	G	-0.0151
rs199549	T	-0.0198
rs6140874	G	0.0136
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rs62209459	T	0.0207
rs79998302	G	0.0878
rs117375112	G	0.074
rs118146277	C	-0.0491
rs6032948	T	-0.0147
rs114609745	T	-0.0909
rs12481210	G	-0.0226
rs17811221	A	-0.0217
rs12625683	G	-0.0169
rs114005075	T	0.0453
rs78220244	A	0.0563
rs6114258	T	-0.0257
rs116930869	A	-0.0483

rs4812713	C	-0.0221
rs8123890	G	0.0136
rs76691090	G	-0.0736
rs75034526	C	0.107
rs6098405	C	-0.0207
rs79634658	T	0.0801
rs6019060	C	0.0416
rs6131691	A	0.0186
rs6126559	G	0.016
rs79280859	C	0.0464
rs16998535	T	0.0484
rs6133086	G	-0.014
rs6116900	A	0.0171
rs2423160	A	0.0138
rs113447919	C	0.1149
rs13044193	A	-0.0197
rs11908446	A	0.0664
rs145932439	A	0.1011
rs35378285	A	0.0166
rs8125018	T	-0.0233
rs111883835	G	0.0254
rs272902	C	0.0218
rs6065265	C	-0.0413
rs2066451	A	-0.0164
rs117939218	T	0.0772
rs6067085	G	-0.0134
rs149982525	G	-0.0987
rs13044031	C	-0.0577
rs1800963	A	-0.016
rs34492258	G	0.0513
rs75038237	A	-0.054
rs227640	T	0.0453
rs113560559	A	-0.0589
rs77851109	T	-0.0346
rs55826141	T	0.1145
rs6062814	G	0.0952
rs73604323	A	0.0299
rs1591169	A	0.0147
rs76397115	A	0.0323
rs117629411	T	0.0499
rs7273640	C	-0.0223
rs41283248	C	0.1302
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rs6070510	A	-0.0178
rs35976635	G	-0.0377
rs55665672	T	0.0708
rs148527414	C	0.0783

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rs16986341	C	0.0702
rs2256095	G	-0.0133
rs111930026	G	0.041
rs6081480	G	-0.0179
rs117492192	A	0.0643
rs1837025	C	-0.036
rs3848811	C	0.0687
rs73181316	G	0.036
rs6123239	G	0.0479
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rs627766	T	0.0471
rs761685	T	0.0139
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rs138522858	A	0.0436
rs6108744	C	0.018
rs114124638	T	-0.0959
rs117786058	C	0.0799
rs463312	C	-0.0445
rs118105732	A	0.0344
rs142529415	C	0.0801
rs117307209	G	0.0882
rs78292704	A	0.0609
rs6087099	A	-0.0211
rs4911535	A	0.0227
rs144839057	C	-0.0598
rs112747763	T	0.0878
rs17788960	A	0.0717
rs150461027	G	0.0591
rs3787430	T	0.0283
rs142310217	A	-0.0795
rs13037373	A	-0.1084
rs2236527	T	0.0253
rs117082178	C	-0.0535
rs76201600	T	0.1255
rs62213167	C	-0.0298
rs112888546	T	-0.0392
rs7271526	A	0.0261
rs62206859	A	0.0294
rs2423516	C	0.0132
rs73096078	C	-0.0463
rs744193	T	-0.0194
rs1028392	T	-0.0437
rs117748942	A	-0.0498
rs75369538	A	0.0466

rs75906103	C	0.0592
rs1936307	T	-0.0141
rs7273736	A	-0.028
rs75752631	A	-0.0872
rs35890757	A	-0.048
rs736214	G	0.016
rs6025192	T	-0.018
rs151066767	G	0.0416
rs62210454	G	0.028
rs3787282	C	0.0671
rs6112599	C	0.0444
rs1108344	T	-0.0364
rs2426228	C	0.0224
rs13037681	G	0.0325
rs2281279	C	-0.0163
rs6090921	A	0.0174
rs2019129	C	0.0484
rs13042502	C	-0.0368
rs3787184	G	0.0197
rs6122390	T	-0.0177
rs111239784	A	0.0621
rs9680006	T	-0.0337
rs7268263	C	0.0292
rs145371887	T	0.0864
rs57001576	G	0.0475
rs75284515	A	-0.0377
rs1276423	T	0.0136
rs75044358	T	-0.0628
rs2297199	C	0.0129
rs62204460	G	0.022
rs1535043	A	0.0129
rs117759861	A	0.075
rs150233256	T	0.0702
rs71338885	A	-0.0758
rs73618652	T	0.0234
rs117258063	T	0.047
rs73892620	A	0.0384
rs6025994	A	-0.0143
rs6035124	G	-0.0383
rs67691565	A	-0.0212
rs8116692	T	0.058
rs55714347	T	0.0226
rs271962	G	0.0201
rs112700115	T	0.0516
rs6118681	C	-0.0142
rs17299635	A	-0.0571
rs6024138	A	0.0359

rs78772900	A	-0.0752
rs117874469	G	-0.0429
rs73073739	G	0.0598
rs1569551	G	0.0172
rs73566357	A	-0.0382
rs78746034	A	0.0338
rs59902181	C	0.0755
rs6056656	A	0.0138
rs2208183	T	-0.0136
rs73107311	A	-0.0452
rs6025640	A	-0.0173
rs113472674	T	0.1047
rs6117405	C	0.0527
rs3747929	G	0.0181
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rs528890	C	-0.0148
rs1885624	T	-0.0235
rs6053976	G	-0.015
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rs137992277	G	0.0647
rs6104159	G	0.0173
rs117962937	T	-0.0547
rs174701	A	-0.0693
rs6075230	A	-0.0813
rs8183538	G	0.0217
rs116967466	C	-0.0644
rs117345247	A	-0.0784
rs111428853	C	0.0437
rs6086616	T	0.0158
rs209949	T	-0.0161
rs3091449	A	0.0243
rs150718534	A	-0.0694
rs75016092	C	-0.0187
rs142973358	C	-0.0514
rs6117337	C	0.0148
rs142881983	G	0.0782
rs2422989	G	-0.0145
rs62205160	T	-0.045
rs4816173	C	0.0411
rs74616320	G	0.0794
rs112041527	A	-0.0609
rs73919504	C	0.0257
rs115550665	T	-0.0574
rs6020768	G	-0.0266
rs6134314	T	-0.0486

rs144628647	G	0.0838
rs6034002	A	0.0242
rs75321844	T	-0.0389
rs6096445	C	-0.0201
rs4471957	C	0.0151
rs79412842	C	-0.0236
rs6045183	C	0.0199
rs4814348	T	0.0169
rs6063100	T	0.0315
rs36000730	C	-0.0432
rs35608758	T	-0.0485
rs7265263	C	-0.0178
rs2422971	C	-0.0225
rs16980768	A	-0.0191
rs2206424	A	0.0139
rs2244073	A	-0.0164
rs75766427	A	-0.077
rs145225078	C	0.065
rs961197	A	-0.0187
rs11696319	T	-0.0429
rs6108046	T	-0.0188
rs6085693	A	-0.0136
rs140188658	A	-0.0576
rs6095102	T	0.0143
rs2243399	T	-0.0272
rs2892279	A	0.013
rs146394024	G	-0.0291
rs17693978	C	-0.0147
rs6106020	C	-0.0436
rs11087429	A	-0.0226
rs13043666	C	-0.0215
rs141614125	T	0.059
rs16997562	C	0.092
rs41310181	A	0.0496
rs11908191	T	0.0469
rs1382038	C	-0.0235
rs6041046	G	-0.0159
rs656635	T	0.0135
rs140688508	A	0.0442
rs139051111	G	0.0808
rs75630064	G	-0.0569
rs118129240	A	-0.0856
rs6128320	T	0.0253
rs73096622	G	-0.1199
rs73121359	G	0.0479
rs75335975	A	0.084
rs6080113	T	-0.0143

rs62204014	G	-0.0242
rs62198813	G	-0.0543
rs142559084	G	-0.0801
rs117128151	G	-0.0882
rs6063062	A	-0.0309
rs6123445	G	-0.0152
rs17460648	A	0.0182
rs55726434	T	0.0543
rs6080874	A	-0.0173
rs7264148	G	0.0137
rs3787158	T	0.0284
rs205887	G	-0.1139
rs17759654	G	0.0424
rs6140117	G	-0.0132
rs4395311	T	-0.0178
rs6084896	T	0.0143
rs147023837	T	-0.0609
rs148706109	A	0.053
rs139476157	T	-0.0371
rs2065010	A	0.0212
rs6028277	C	0.0151
rs149160812	T	-0.0896
rs74686473	C	0.0673
rs35042303	T	-0.0327
rs708937	G	0.0381
rs6131481	C	0.0153
rs116914463	T	0.0341
rs6018056	C	-0.0145
rs11699453	A	-0.0147
rs117746103	T	0.0771
rs6074028	G	-0.0231
rs11908104	C	0.0458
rs73073763	T	-0.0726
rs77775964	T	0.0656
rs6046274	T	-0.0451
rs112875146	A	-0.0328
rs79608766	T	-0.0321
rs113492454	T	-0.0593
rs6128031	A	0.0459
rs6107506	G	0.0133
rs117758290	C	-0.0634
rs2427517	T	-0.0213
rs79315751	T	0.0514
rs6025712	A	-0.0479
rs6065588	G	0.0202
rs2145086	A	-0.0324
rs11905105	T	-0.0582

rs1774886	G	-0.017
rs118127595	A	0.1328
rs1101	A	0.0313
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rs6081719	A	0.0251
rs911167	C	0.013
rs6105654	C	0.0128
rs116968217	A	0.0468
rs142805207	T	0.0514
rs77609983	G	0.0187
rs4812755	A	0.0151
rs66923292	G	0.0144
rs594811	G	0.0144
rs6131328	T	0.017
rs2064819	G	-0.0157
rs112877772	A	-0.0984
rs73134810	T	-0.0416
rs13039327	T	-0.0672
rs79204180	T	0.0569
rs1884753	A	0.0489
rs147591082	G	-0.0586
rs116964204	A	0.065
rs6061300	T	0.0169
rs4810279	T	0.0134
rs4925220	T	0.0186
rs6045672	T	-0.0199
rs6116527	T	0.0294
rs6059964	A	-0.0437
rs4810496	A	0.0146
rs77418839	A	-0.0711
rs1182525	A	0.0377
rs6514834	A	0.0134
rs34168345	A	0.0462
rs59617711	T	0.0403
rs1777357	G	-0.0205
rs113224786	A	0.0431
rs6067117	T	-0.0176
rs79276644	C	0.107
rs145130860	A	-0.0624
rs146832906	T	0.048
rs1537028	G	0.0134
rs242534	G	-0.0577
rs149477265	A	-0.0395
rs148370259	A	-0.0618
rs4814155	G	0.0132
rs73104210	G	0.0419

rs2427493	C	-0.0203
rs139505132	A	-0.0688
rs62208310	C	0.0362
rs3091805	T	-0.022
rs6040200	C	0.0313
rs13039889	T	0.0418
rs2762942	G	-0.0557
rs6070476	G	-0.0436
rs8125112	C	0.0176
rs6139435	C	0.0539
rs6053821	C	-0.0154
rs75143339	G	0.0482
rs1429447	A	-0.0178
rs62194064	G	-0.085
rs17726233	T	0.03
rs226190	C	-0.0187
rs16999165	G	0.0354
rs6108122	A	0.0132
rs73307497	A	0.0441
rs28569948	A	-0.0259
rs112379819	A	0.1245
rs6071527	G	-0.0122
rs62201167	A	-0.0247
rs6069811	T	0.018
rs117501903	C	0.0853
rs6140264	A	-0.0184
rs149870133	G	-0.0767
rs77976716	C	-0.0671
rs73145714	T	-0.0528
rs77729373	T	0.0184
rs6054709	T	0.0233
rs62195418	T	-0.0531
rs6081819	T	0.0236
rs74850097	A	-0.0552
rs148721114	A	0.084
rs73100711	A	-0.0421
rs6128290	T	0.0166
rs1853124	T	0.0193
rs764673	C	-0.0137
rs62204191	T	-0.048
rs13038055	G	0.0156
rs9679950	C	-0.0237
rs6025078	T	0.0188
rs146186646	C	-0.043
rs147512650	A	0.0288
rs144482854	T	0.0641
rs6057610	T	-0.0125

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rs1885305	T	-0.0219
rs55802000	G	0.0224
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rs6110943	C	-0.0245
rs6033024	C	-0.0144
rs117545464	G	0.0652
rs6018943	T	0.0279
rs147670884	A	-0.0768
rs34616810	T	-0.0556
rs6100446	T	-0.0218
rs58333289	T	0.0181
rs6131366	C	0.032
rs6051870	A	0.0139
rs75158520	T	-0.0561
rs1474684	G	0.0138
rs41290880	A	0.0405
rs2144795	T	0.0268
rs6025453	G	0.0141
rs2422715	C	0.0412
rs113595207	G	-0.1009
rs117707358	G	0.0417
rs204771	C	0.0166
rs6100545	G	0.0528
rs2024576	T	0.0505
rs74658206	C	0.0596
rs6081597	G	0.0322
rs10485613	T	-0.0363
rs843818	A	0.0266
rs6018658	A	-0.029
rs61740632	G	-0.0686
rs11907261	T	-0.0455
rs59355118	A	-0.0624
rs2426919	T	0.0166
rs6018251	A	-0.0131
rs11699789	T	-0.0223
rs817687	T	0.0345
rs74273888	C	0.0198
rs79909673	G	-0.1095
rs62210638	G	-0.033
rs2076404	G	-0.0158
rs79178617	T	0.0473
rs71356179	A	-0.0198
rs4925189	G	-0.0143
rs12481509	C	-0.0431
rs2870375	G	0.0128
rs571847	A	0.0142

rs116895396	T	0.0517
rs76735979	T	-0.053
rs28374143	T	0.0231
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rs6061952	G	-0.0577
rs73066355	T	0.0188
rs77509289	G	-0.0509
rs6034327	C	-0.0251
rs2423071	T	-0.0202
rs76388191	A	-0.0671
rs35845161	T	-0.0468
rs708960	A	-0.0121
rs140579637	T	-0.0797
rs1543380	T	-0.015
rs144830778	T	0.0383
rs79879167	A	0.0523
rs73593139	G	0.066
rs62207404	C	-0.0185
rs143295485	A	-0.0515
rs4810772	G	0.0294
rs1028480	C	-0.0164
rs6012876	C	-0.0138
rs17790859	A	0.031
rs75762834	T	0.0411
rs142428510	A	-0.0853
rs117497451	A	0.0858
rs11086248	C	0.0677
rs75744682	A	0.0207
rs71352104	C	-0.0206
rs77278393	G	0.0281
rs1001752	T	0.0154
rs6128954	T	-0.0431
rs1807352	T	0.0196
rs62203762	A	0.0426
rs56181119	C	-0.016
rs6124062	T	0.0181
rs4813172	A	-0.0135
rs141327854	C	0.0491
rs6055969	G	-0.0134
rs6122624	C	-0.0229
rs111506367	A	0.0477
rs508757	C	-0.0158
rs2427251	G	0.0707
rs6013086	C	-0.0138
rs117518062	G	-0.07
rs6045198	C	0.0133
rs111490777	G	-0.0333

rs77612118	A	-0.0233
rs78920903	C	0.067
rs35620756	C	-0.0186
rs113305256	T	0.0895
rs117384850	T	-0.048
rs116469485	A	0.0406
rs78450904	A	-0.0719
rs11908624	A	-0.0523
rs113641219	C	-0.0575
rs1535271	A	0.0187
rs6089392	C	-0.0221
rs68139331	C	0.0177
rs67144530	T	-0.0398
rs6017427	A	0.0412
rs9917404	C	0.0207
rs6061812	C	0.0179
rs2423486	T	-0.0145
rs4810306	C	0.0363
rs56276414	A	0.0728
rs116911351	A	0.0474
rs140299621	C	-0.0813
rs4812607	C	0.012
rs13041396	G	0.0158
rs6033023	G	0.0695
rs1578401	G	0.0119
rs80352219	A	-0.0547
rs75768704	T	0.0804
rs6053567	A	0.0196
rs6045800	A	0.0188
rs62194266	T	0.053
rs76218566	A	0.0286
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rs74354609	G	-0.0443
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rs13038543	C	0.0129
rs74665725	T	0.0477
rs1468055	A	-0.0151
rs79272091	G	0.0318
rs6135656	A	-0.0325
rs56331184	T	-0.0489
rs79093846	T	0.0804
rs80186993	T	0.0711
rs2741358	G	0.0186
rs117917768	G	-0.0548
rs2025046	A	-0.0225
rs111727120	C	-0.0747

rs6067968	A	0.0153
rs6105173	T	-0.0178
rs6072731	C	0.0475
rs11697956	G	0.0125
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rs137876031	C	0.0878
rs1100	A	0.0327
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rs6134015	A	0.0388
rs6076707	T	-0.0144
rs78757981	C	-0.0931
rs147691499	T	-0.0268
rs6137427	A	-0.0121
rs139694721	A	0.0226
rs6124298	A	0.0133
rs6064995	C	0.0134
rs6094276	G	0.0132
rs117868718	G	-0.099
rs1737882	C	0.0295
rs58451461	A	0.0295
rs950226	G	-0.0132
rs2224324	A	-0.0145
rs76901569	A	0.0693
rs57730401	A	0.0498
rs79620597	T	0.0564
rs73132378	G	-0.0664
rs4809452	G	0.0185
rs55667849	T	-0.0253
rs143125043	C	-0.0564
rs881497	T	-0.0131
rs148357058	A	-0.0729
rs1405567	T	0.0253
rs58064903	A	-0.0162
rs62205562	T	0.0456
rs8123436	T	0.0143
rs3790341	A	0.0287
rs11086830	A	0.0157
rs4813581	C	-0.0235
rs6053872	A	-0.0138
rs5741812	T	0.0204
rs77857031	G	-0.1031
rs11698799	G	0.0319
rs112621436	A	0.045
rs6083579	C	0.021
rs73100564	A	-0.0735
rs62205540	A	0.082
rs73088415	A	0.0693

rs77326825	G	0.0239
rs6078440	G	0.0137
rs79459847	A	0.0701
rs157640	T	-0.0122
rs6025698	C	-0.0321
rs75907296	A	0.0384
rs73126661	G	-0.0503
rs574755	T	-0.0149
rs6093829	G	-0.018
rs6022814	G	0.0198
rs1022574	C	0.0254
rs79376373	T	-0.0636
rs2427245	C	-0.0367
rs79706466	G	-0.0608
rs11697014	T	0.036
rs6142758	T	0.0154
rs60821030	C	0.0312
rs78324972	G	0.0479
rs76156701	G	-0.0532
rs140680830	T	-0.0621
rs13037790	A	0.016
rs116711798	G	0.0482
rs146207460	G	-0.0265
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rs6037991	A	-0.0385
rs113418859	A	0.0643
rs116985950	T	0.0526
rs79924551	T	0.0894
rs34366842	A	0.039
rs2239562	G	0.0231
rs6040344	C	-0.0168
rs6132792	A	0.0149
rs117909661	A	0.0357
rs13042105	T	0.0491
rs881565	G	0.0201
rs158332	G	-0.0154
rs75839992	A	-0.0811
rs11907424	G	-0.0125
rs147109649	T	-0.0948
rs6079329	A	-0.0189
rs8125176	C	-0.0322
rs143364465	T	-0.1093
rs73105210	G	0.0707
rs6061928	A	0.0126
rs4239761	G	0.0158
rs1984459	T	-0.0319
rs8114181	G	-0.0536

rs77628996	G	-0.0261
rs200883	G	0.0146
rs6108599	C	0.0205
rs74650957	T	0.0442
rs275266	T	-0.0139
rs633682	T	-0.02
rs138802721	A	0.0645
rs79686263	A	-0.0507
rs6029986	C	-0.0233
rs6094841	T	0.0207
rs6075033	C	0.0163
rs6072971	C	-0.0119
rs2254603	A	0.0135
rs113467928	A	-0.0779
rs12625427	C	0.0121
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rs112044529	C	0.0261
rs59176101	T	-0.0507
rs78809589	C	-0.064
rs113178209	A	0.0777
rs6091182	C	-0.015
rs242824	G	-0.0118
rs75187505	T	-0.0725
rs6113825	A	0.0145
rs16992641	T	0.0231
rs6097354	A	0.0225
rs111611363	T	0.0415
rs35038085	A	-0.0121
rs117985734	A	0.0451
rs117542689	G	0.058
rs2250429	A	0.0221
rs6109035	A	-0.0121
rs62187512	G	0.014
rs9680023	T	0.0183
rs6140747	A	0.0131
rs117580868	A	0.0552
rs3916170	C	-0.0564
rs1054600	T	-0.0195
rs1205194	T	0.0139
rs113958571	A	-0.0501
rs111993652	T	0.0859
rs118059352	T	0.0366
rs117854993	C	-0.07
rs6070854	A	-0.0122
rs145374506	T	-0.0554
rs117091625	T	-0.0774

rs2057056	T	-0.0574
rs112142602	A	0.0154
rs2425431	A	0.0117
rs144423045	G	0.0565
rs6068665	G	0.0198
rs79411828	G	-0.0822
rs6035430	T	-0.0255
rs2104252	A	-0.0332
rs11086148	C	-0.0142
rs112283674	T	0.0608
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rs2745015	T	-0.0141
rs35620145	A	-0.0457
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rs6076611	A	0.0371
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rs140841793	C	-0.0882
rs10211683	T	-0.0243
rs75521078	C	-0.0376
rs13043366	A	-0.0623
rs7268203	C	-0.0256
rs73901269	A	-0.0633
rs880447	C	0.018
rs118013121	C	-0.049
rs6103926	A	0.0136
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rs113467420	T	0.0763
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rs11700281	C	-0.0279
rs76080886	A	0.0307
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rs6020732	T	-0.0168
rs8115549	T	0.068
rs725941	A	-0.0116
rs1610377	G	-0.0134
rs6084813	T	0.0185
rs75415847	G	0.0312
rs118169519	C	0.0471

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rs6029319	T	0.0145
rs62225273	A	-0.0322
rs6053463	A	0.0116
rs62226860	C	-0.0403
rs6015057	A	0.0416
rs116919954	A	0.0497
rs117825776	A	-0.0801
rs6098658	G	-0.0354
rs2424119	T	-0.0168
rs117265744	A	0.0782
rs1150425	A	0.013
rs2326552	C	-0.0139
rs79501799	T	0.0384
rs6067696	A	-0.021
rs6081838	A	0.0202
rs2223955	A	0.0235
rs6084086	A	0.0414
rs62206161	A	0.0221
rs75772750	A	0.0236
rs3828016	A	-0.0115
rs2327526	G	-0.0195
rs12481067	G	-0.0163
rs371927	G	0.0197
rs142623485	C	-0.0653
rs77422583	T	-0.0735
rs79694673	T	-0.0216
rs73117349	C	-0.0229
rs138635983	C	0.0472
rs724110	C	0.0152
rs76403807	A	0.0569
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rs112080434	G	0.0819
rs73605545	G	0.0368
rs511073	G	-0.0158
rs6037336	C	-0.0179
rs61148192	G	-0.0323
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rs1476720	C	-0.0132
rs112186360	A	-0.0436
rs6057927	A	0.0132
rs944887	A	0.0158
rs6039111	A	0.012
rs45626235	C	0.0518
rs117797937	T	-0.039
rs156326	A	-0.0123
rs55974691	G	0.0746
rs77883521	A	-0.0627
rs4550724	G	0.0234
rs76075587	G	0.0455
rs17263187	A	-0.0167
rs58604726	G	-0.013
rs6104024	C	0.0126
rs73084471	A	0.0516
rs6015003	T	0.0184
rs4813031	T	0.0117
rs6107723	C	0.0413
rs76207462	A	0.0392
rs77130920	C	0.0313
rs117585338	T	-0.0584
rs6127904	A	0.0473
rs7269891	T	-0.0113
rs150102387	C	0.0757
rs117782107	T	-0.054
rs144501983	G	0.1065
rs8123632	T	-0.0198
rs77939650	A	0.0393
rs73180607	C	-0.0286
rs58965984	C	-0.0381
rs8119284	T	-0.0122
rs77685281	C	-0.028
rs16984658	A	0.0222
rs8118393	G	-0.023
rs6012549	G	-0.013
rs77065524	G	0.0459
rs13042192	A	-0.0793

rs6116759	C	-0.0137
rs6070354	A	-0.0124
rs41282794	C	0.0398
rs149995419	G	0.0824
rs2300427	T	0.0113
rs73591676	T	-0.0955
rs62224514	A	0.046
rs73145073	G	0.051
rs56259711	G	0.0526
rs117076596	A	0.06
rs531797	C	-0.012
rs112640362	T	-0.0586
rs118036933	T	0.0789
rs78119757	T	0.027
rs73099957	A	0.0384
rs28366446	A	0.0175
rs144478629	G	0.0454
rs6100123	C	-0.0133
rs6094023	A	0.0504
rs62190057	T	0.0416
rs118060126	T	0.0901
rs2423353	A	0.0368
rs61043991	C	-0.0202
rs142491423	T	-0.0567
rs145333414	C	0.0506
rs6095840	A	0.036
rs117470704	T	0.0245
rs144408000	A	0.0629
rs147152064	G	-0.0714
rs11906369	A	0.0226
rs146812432	C	0.1057
rs111374610	G	-0.0571
rs13040320	A	-0.0138
rs2853210	T	0.0147
rs113181552	T	0.0341
rs61739314	C	-0.0344
rs74915075	A	-0.0582
rs6124113	C	-0.0191
rs6075457	A	0.0136
rs117697053	T	0.0782
rs2275801	G	0.024
rs11696710	C	0.02
rs113221070	G	-0.0369
rs80013406	C	-0.0175
rs77013110	A	0.0296
rs6075367	C	-0.0534
rs74424391	A	0.0292

rs16997439	A	0.0139
rs77016659	C	0.0267
rs12625514	T	0.0207
rs6064778	A	0.0113
rs73144860	T	0.0449
rs6128208	C	0.022
rs149747746	T	0.0591
rs150991989	A	0.0786
rs6067134	T	-0.0297
rs200774	C	0.0156
rs79444460	G	0.0623
rs73078187	T	-0.0515
rs56000549	A	-0.017
rs6117850	T	0.0111
rs73114229	A	0.0461
rs761382	C	-0.0112
rs17804486	T	-0.0303
rs111468924	A	-0.0352
rs6132456	T	-0.0225
rs750079	T	-0.0136
rs6035309	T	0.0752
rs75380438	T	0.0296
rs6103190	A	0.0122
rs138563436	A	0.0416
rs112982186	T	-0.0315
rs13043494	A	-0.0271
rs143718889	G	-0.0318
rs112064015	A	0.0602
rs4814731	T	-0.0287
rs6131242	G	-0.0439
rs1997796	G	-0.0459
rs73622653	A	0.079
rs117108475	C	0.0278
rs148913348	C	0.0513
rs438426	T	0.0147
rs6095020	C	0.0161
rs6061545	T	-0.0148
rs149788251	G	-0.0717
rs149599634	A	0.038
rs8114696	G	-0.0171
rs143731582	T	-0.0978
rs46592	T	0.0114
rs143275303	G	0.028
rs117777430	A	-0.0779
rs6097233	G	-0.0418
rs816945	T	-0.0174
rs6021262	T	-0.014

rs117295706	T	-0.0462
rs6020523	T	-0.0451
rs2841	A	0.0166
rs77706334	G	0.024
rs17394442	T	0.0445
rs73090940	A	-0.0418
rs60685497	C	-0.0402
rs119432	A	0.0131
rs17548927	A	-0.02
rs7261220	G	0.0618
rs62194687	G	0.0359
rs7264882	A	-0.0157
rs998934	T	0.0146
rs56318097	C	-0.0377
rs58346763	A	-0.0364
rs77526650	G	0.0389
rs7270107	T	0.0118
rs6030524	C	0.014
rs6127971	G	0.0113
rs7341	T	0.0112
rs9798512	A	-0.0209
rs3918392	C	-0.0407
rs144793030	G	-0.0417
rs6141764	T	0.021
rs13433377	C	-0.0594
rs77871608	T	0.0494
rs114852837	A	-0.0246
rs6115682	G	0.0181
rs2427412	T	-0.0167
rs75697264	T	0.0456
rs2021793	T	0.0119
rs117912562	T	-0.0741
rs932357	A	-0.0164
rs117045038	T	-0.0303
rs143763182	A	0.0306
rs140209816	T	0.0471
rs8392	C	0.0137
rs73134056	A	-0.0448
rs139402175	G	-0.0617
rs16995654	T	0.0256
rs35833554	A	0.0149
rs78352539	T	-0.0323
rs11907865	T	-0.0708
rs76727841	G	0.0607
rs78537112	A	-0.0297
rs56842787	A	0.0334
rs195009	C	-0.0254

rs77769157	T	0.0465
rs113508119	A	0.0782
rs6052743	C	0.0111
rs2425479	T	-0.0205
rs6116354	A	-0.0591
rs6110323	C	0.0306
rs6077675	G	-0.0181
rs138086196	T	0.0544
rs13433103	G	0.0195
rs116980611	T	0.0576
rs12481701	A	0.0222
rs4812429	C	0.0474
rs78342802	G	0.0905
rs58207728	C	-0.0382
rs79029522	T	-0.0557
rs158531	C	-0.0118
rs78866855	G	-0.0729
rs141327281	T	-0.0581
rs13041542	A	-0.0126
rs6072504	C	0.0211
rs205790	G	-0.0223
rs111690751	T	-0.0468
rs55952330	A	-0.0338
rs8122451	T	0.0589
rs35486636	T	0.0272
rs6058789	G	-0.0154
rs2425411	T	0.0163
rs75393943	G	-0.0407
rs168358	G	0.0414
rs6038869	T	0.0115
rs6064313	G	0.0441
rs117441974	T	-0.0563
rs214390	G	0.0349
rs913668	T	-0.025
rs78780368	G	-0.0369
rs6124157	A	-0.0151
rs138698145	A	0.0468
rs6062954	A	0.0143
rs76679945	G	0.0191
rs310616	C	-0.016
rs76981217	A	-0.0423
rs6118035	A	0.0112
rs6119908	C	0.0212
rs743020	C	-0.0297
rs74562191	T	-0.0384
rs55682206	T	-0.0205
rs73101220	T	-0.0807

rs1225891	C	-0.0109
rs6136558	T	-0.0115
rs6142867	A	-0.0118
rs6079891	A	0.0119
rs139853614	T	-0.0623
rs8120421	G	0.0153
rs111822930	G	-0.0283
rs6090456	A	-0.04
rs3748433	A	-0.0186
rs11569668	T	0.0634
rs141728725	T	0.073
rs73597770	C	0.033
rs140322914	A	-0.0348
rs6514111	G	0.0162
rs6010625	A	-0.0409
rs6089088	T	0.0735
rs141172776	T	-0.0661
rs4925295	G	0.0166
rs56089047	T	0.0441
rs1572777	A	-0.027
rs6037908	G	-0.0123
rs805742	C	-0.0122
rs6104152	C	-0.0307
rs76837920	G	-0.0452
rs11699734	C	-0.0431
rs8132672	A	0.1005
rs2830489	T	-0.0692
rs75272194	T	-0.1145
rs468777	G	-0.0586
rs8129216	C	-0.1486
rs2825117	C	-0.0605
rs78863435	T	0.1484
rs2833638	C	0.0937
rs112547745	C	0.0964
rs743430	G	-0.1003
rs28878839	T	-0.0739
rs2154481	C	-0.053
rs228042	C	0.0539
rs112586707	G	0.3377
rs73359265	T	-0.0931
rs75603393	A	-0.0723
rs16999508	T	-0.1183
rs2824734	T	-0.0579
rs74314710	G	0.1564
rs13051344	T	-0.1648
rs150101865	C	0.295
rs17000876	A	0.1546

rs78288220	A	-0.2058
rs73208713	G	-0.1644
rs2826787	T	0.088
rs2242783	A	-0.0589
rs2830434	T	0.0541
rs34234617	G	0.1684
rs28430976	T	0.0573
rs111254454	A	-0.0927
rs9981700	A	-0.2348
rs7510030	T	0.0731
rs2250007	C	0.0661
rs73213236	C	0.1012
rs11909923	T	0.0505
rs2833551	A	0.0729
rs73229506	G	0.1766
rs79347769	A	0.2672
rs111721987	T	0.1675
rs116907908	G	-0.1718
rs1351597	C	0.0586
rs6517383	G	0.0824
rs55847576	A	-0.0899
rs1109499	G	0.0597
rs139551395	G	0.1889
rs77520715	A	-0.2318
rs12483022	T	0.0742
rs62223840	C	0.1788
rs77604347	A	0.0831
rs71315771	C	-0.1593
rs13048770	A	0.1094
rs41277544	A	0.1372
rs12626958	T	0.0495
rs13052953	G	0.0681
rs142116413	A	0.3179
rs77699745	C	0.1227
rs55760856	G	-0.1026
rs56327405	C	-0.0522
rs28514570	A	-0.0503
rs118033810	A	-0.2703
rs13046933	A	0.2702
rs6517656	A	0.0602
rs3746889	C	0.1242
rs8131076	T	0.0652
rs75383078	T	0.1962
rs1296968	A	0.0595
rs17747953	G	-0.1146
rs214490	A	0.0702
rs77038333	G	-0.2614

rs117368946	A	-0.1262
rs7282321	C	0.0741
rs145490163	T	-0.1939
rs2822748	A	0.0504
rs117097834	C	-0.2268
rs2834920	T	-0.0612
rs2833440	C	-0.0465
rs79687737	T	-0.115
rs117995850	C	-0.175
rs58604417	T	-0.0711
rs4817097	A	-0.0446
rs41418546	G	-0.1244
rs13046673	C	-0.3062
rs2830023	T	0.0488
rs1788420	A	0.0825
rs73187353	A	0.1129
rs117895378	T	0.1292
rs117124364	T	0.2454
rs9975962	G	0.0839
rs1571660	G	0.0438
rs11701776	C	-0.0474
rs2834120	T	0.0912
rs2839110	G	-0.0623
rs73145451	T	-0.1785
rs9982303	T	0.0502
rs389676	T	0.0502
rs118125086	A	-0.2432
rs6586296	C	0.1425
rs56385227	C	0.2291
rs75701466	A	0.0828
rs17113969	G	-0.1646
rs2824645	G	-0.079
rs240495	C	-0.0809
rs67230763	T	-0.1329
rs2242945	G	0.0455
rs35546152	A	-0.0487
rs9647276	A	-0.0433
rs9979731	C	0.0806
rs12626402	T	-0.0508
rs75648438	A	0.1284
rs2837468	G	-0.0473
rs9984510	A	-0.2286
rs8129420	G	0.0775
rs117434156	A	-0.1223
rs183387	A	0.0988
rs34009097	G	-0.1906
rs1297212	T	0.0423

rs150198937	C	-0.3208
rs73167900	G	0.1438
rs78184596	C	0.194
rs2839538	C	0.0435
rs73159674	G	-0.061
rs2027711	T	0.0425
rs9305887	G	0.1825
rs151073480	G	0.1735
rs428971	A	-0.0564
rs9983386	A	0.0772
rs72613646	C	0.2108
rs34898829	C	0.0653
rs12386286	C	0.1252
rs2827977	A	0.0621
rs9977253	C	-0.0472
rs2408822	T	0.0677
rs56317704	G	0.0457
rs866412	T	-0.109
rs9983494	T	-0.0547
rs73220555	A	0.2881
rs28516727	C	0.159
rs7277359	G	0.0449
rs17512077	T	-0.1001
rs35640525	A	0.0734
rs73221370	A	0.0819
rs76834263	T	0.1369
rs75350414	A	0.0596
rs77205503	T	0.3434
rs143357895	G	0.2283
rs1782969	G	0.0474
rs4816774	A	0.0597
rs9975948	C	0.0439
rs2276212	C	-0.0588
rs9976191	G	0.0559
rs112452342	G	-0.1455
rs55792986	T	0.0483
rs1784913	T	-0.0582
rs4819312	A	0.1485
rs117040541	C	-0.1914
rs4818415	C	-0.0406
rs34756011	A	-0.0764
rs747803	C	0.0463
rs1888398	G	0.0536
rs1893332	A	0.044
rs2824749	A	-0.0535
rs2827017	C	0.0427
rs3842986	T	0.0599

rs62223996	T	-0.2747
rs13048790	C	0.0685
rs2824191	C	0.041
rs73181858	A	-0.0783
rs58544783	G	-0.0694
rs17275274	G	-0.1395
rs77436438	A	-0.1083
rs75669121	G	0.1063
rs75978011	T	-0.1517
rs11088275	A	0.0814
rs996634	A	0.0741
rs2827644	A	0.0427
rs113529847	T	-0.1332
rs79323860	A	0.18
rs9979417	C	-0.0453
rs2246468	C	0.0745
rs1297105	G	0.0761
rs2824773	C	-0.0406
rs73365749	T	0.1813
rs6517945	C	-0.0783
rs2830976	C	-0.0485
rs2268290	A	-0.0497
rs384426	T	-0.0402
rs17552278	C	-0.2851
rs876817	C	-0.0442
rs4818756	G	-0.0426
rs2154498	G	0.0588
rs7277699	A	-0.0732
rs200704	A	-0.0534
rs4818101	G	-0.0434
rs1961443	C	0.0511
rs28663589	T	0.0493
rs2838007	C	-0.0482
rs116837266	T	0.0957
rs143175673	A	-0.2234
rs3746903	A	-0.2028
rs9983699	C	0.0728
rs79727992	A	-0.1437
rs2822999	G	-0.0502
rs2007477	A	0.0425
rs9636587	A	-0.041
rs28700940	T	-0.0977
rs79415523	A	-0.2578
rs2833912	A	0.0517
rs75794179	A	0.0881
rs10482884	T	0.0931
rs149896652	T	-0.1757

rs111809637	T	0.16
rs467364	C	-0.0403
rs8131689	G	-0.0733
rs17666683	T	-0.0553
rs140148934	G	0.1598
rs17303582	C	0.196
rs2284636	G	-0.0381
rs75502391	G	-0.1223
rs56177739	A	0.0643
rs2836419	A	-0.054
rs11111133	C	-0.1204
rs2828427	T	0.0675
rs112704409	G	0.2809
rs77841485	T	0.1314
rs7282525	C	0.0423
rs229053	C	-0.0378
rs2837101	G	0.0407
rs2205126	G	-0.0409
rs112568708	A	-0.3263
rs144494708	T	-0.1898
rs576808	G	0.039
rs7283042	G	-0.0688
rs62208174	A	0.0609
rs11700401	G	-0.2055
rs6517311	A	-0.06
rs17860208	G	0.1312
rs2026882	T	-0.0568
rs28619388	A	0.0561
rs78481844	G	-0.0968
rs117886898	T	0.096
rs6518272	A	0.0431
rs114061976	T	0.1878
rs9974857	T	-0.2412
rs77420394	C	0.1708
rs9305896	C	-0.041
rs142320219	A	-0.1079
rs117187891	C	0.1539
rs76041977	T	0.1792
rs17570665	A	-0.1097
rs2253532	C	-0.044
rs117810460	T	0.2322
rs149834120	A	-0.2375
rs8128309	A	-0.0523
rs219707	C	-0.0537
rs76043018	A	0.0791
rs11088723	T	0.0637
rs2155599	T	-0.041

rs1736148	C	0.0382
rs111707295	T	0.1778
rs2831779	T	0.0534
rs2839438	A	0.0462
rs7283210	G	-0.1
rs140070917	T	0.1041
rs144686115	G	0.2051
rs7280283	T	-0.0981
rs2833368	C	-0.0422
rs240486	T	-0.0575
rs55999805	G	-0.0547
rs117223896	A	0.2452
rs8129402	C	0.0433
rs2226589	C	0.0416
rs62226878	A	0.0806
rs2824744	T	0.0393
rs4818022	A	-0.2712
rs77378500	A	-0.2394
rs2838683	C	0.089
rs79681017	G	0.0794
rs2843986	G	0.0498
rs13046729	C	-0.0598
rs35982572	A	-0.0516
rs79328878	T	0.1305
rs760166	C	0.096
rs11909432	T	0.1349
rs3788110	A	0.1193
rs62226872	G	0.0473
rs1571725	C	-0.0452
rs8130107	C	-0.0408
rs117021139	A	-0.1503
rs12053737	T	0.0636
rs17752480	G	0.1259
rs8127458	C	-0.0476
rs117811294	G	-0.2661
rs59829171	A	0.0484
rs116342820	C	0.141
rs117779778	A	0.0613
rs7283517	G	-0.0669
rs77135918	C	0.1722
rs75877158	G	0.1352
rs2836724	C	-0.0481
rs10048874	T	0.0459
rs9983495	T	0.0951
rs11911415	A	-0.2151
rs150761	G	0.0543
rs162489	C	-0.0747

rs437841	A	0.055
rs13048457	G	-0.0537
rs147826964	T	0.3232
rs73897428	G	0.1068
rs2822611	A	0.0474
rs17769032	G	-0.0705
rs117617164	A	0.2638
rs2824666	A	-0.0447
rs148454088	T	0.1399
rs219682	A	-0.2476
rs117825494	A	0.355
rs28712564	A	0.0763
rs16979214	C	-0.0854
rs2898412	G	-0.0418
rs118038513	T	0.1176
rs76547762	T	-0.2013
rs8133716	G	0.0358
rs857959	T	-0.0484
rs149508662	G	0.3015
rs1106627	T	0.1531
rs13050874	A	0.0413
rs17306819	T	0.2487
rs8131623	A	-0.175
rs2298352	C	-0.045
rs2013651	T	0.0404
rs13052027	T	0.293
rs144911765	C	-0.2005
rs7277082	A	0.0478
rs2830855	T	-0.1865
rs2834884	T	0.0381
rs77062569	C	0.0819
rs10483012	T	0.2389
rs74512584	A	-0.1487
rs16984549	A	-0.0478
rs4818218	C	0.0797
rs2826142	C	0.0356
rs17879705	T	0.1506
rs35766001	C	0.2427
rs75486649	A	0.1928
rs75531945	C	0.1512
rs7510396	T	-0.0418
rs8133729	C	-0.0602
rs12481828	G	0.0646
rs60702473	A	-0.0437
rs218368	A	0.0854
rs59314638	T	0.0435
rs2830292	C	-0.0477

rs35851101	T	0.1115
rs7277209	G	-0.1107
rs143137012	T	-0.2836
rs77210021	C	-0.2072
rs2834061	G	0.0423
rs73355797	C	-0.0638
rs2142133	C	-0.0364
rs2828064	G	-0.0633
rs2829580	T	0.04
rs17004073	A	0.0959
rs118173242	A	-0.2703
rs78296615	A	0.2033
rs117606823	G	-0.2227
rs144992139	T	0.181
rs466092	A	-0.0457
rs141960812	A	-0.1075
rs7278344	C	-0.0431
rs7282482	G	0.1131
rs8134874	G	-0.0555
rs8131157	C	-0.0554
rs56218278	G	-0.1041
rs111943632	C	0.1525
rs1557266	A	0.0349
rs421933	G	-0.0411
rs150617300	T	-0.1195
rs2829230	A	-0.0459
rs118149073	T	-0.1988
rs7276658	C	0.0466
rs13049610	A	-0.1634
rs73360166	C	0.1408
rs150254908	C	0.2332
rs2096911	A	-0.0342
rs11702745	C	0.0495
rs2838300	A	-0.0635
rs35941561	A	0.2032
rs2011397	C	0.0803
rs139337259	A	0.1467
rs6517095	C	-0.2054
rs140436629	T	0.1652
rs56346799	A	-0.0701
rs73195624	C	0.2799
rs77781343	A	0.1415
rs77294335	T	0.1567
rs73354727	C	-0.1079
rs8126828	G	-0.0505
rs116510093	G	0.141
rs2835473	G	-0.0495

rs2827124	C	0.0556
rs78253465	C	0.224
rs73191271	T	-0.0608
rs13050141	T	0.0929
rs2838629	A	-0.0398
rs28372175	T	-0.076
rs117782346	C	0.1156
rs140685586	A	-0.058
rs76426094	C	-0.1941
rs77051774	C	0.1076
rs468652	A	0.0433
rs9985170	C	-0.0947
rs74781253	C	0.0784
rs1699627	A	0.0627
rs760159	G	-0.113
rs75836101	C	0.1259
rs6517137	C	0.0679
rs9680306	C	-0.058
rs2835524	T	0.1103
rs112963055	T	-0.2229
rs73360211	A	-0.0505
rs146286695	G	-0.1834
rs113206886	A	-0.1535
rs116842558	C	0.2224
rs77432364	G	-0.18
rs117653185	C	-0.2008
rs149664275	G	-0.1107
rs76395411	A	-0.0867
rs74644449	T	0.0904
rs35791165	T	-0.0772
rs12627180	G	0.0405
rs116997326	T	0.1075
rs2836780	C	0.0562
rs413577	T	0.0386
rs71317458	T	-0.1173
rs1893577	T	0.0386
rs144666206	T	0.1573
rs17002005	A	0.1423
rs8130662	G	-0.0361
rs7282194	T	0.1391
rs1296490	A	0.0443
rs116881101	A	0.1689
rs143368537	G	0.2636
rs9984760	T	0.107
rs56067353	C	-0.232
rs77096110	T	-0.1325
rs13047841	T	0.1466

rs2248321	G	0.0372
rs73348346	T	-0.2701
rs111827274	A	-0.3356
rs13047286	T	-0.0379
rs9976392	A	0.0777
rs11909507	A	-0.0657
rs2834605	C	-0.0504
rs2833710	A	0.0528
rs1699990	A	-0.0391
rs34062530	T	0.0873
rs235343	A	-0.036
rs139320122	G	-0.2903
rs73213818	T	-0.1841
rs17196459	T	0.1946
rs2834658	T	0.1184
rs117316433	G	0.28
rs143400985	A	0.052
rs62212899	A	-0.0552
rs5030673	T	0.1279
rs118137139	C	0.0607
rs146647835	G	0.145
rs2776377	G	-0.042
rs140795763	A	0.2661
rs7277441	T	0.0366
rs73341558	C	0.153
rs75739645	A	0.1292
rs8131480	T	0.0734
rs28469625	T	0.04
rs113290387	T	0.1208
rs77570450	C	0.1395
rs113483080	T	0.1447
rs74621506	C	0.122
rs1573331	C	-0.0358
rs45559536	C	0.1569
rs2837627	G	0.0419
rs9976422	T	-0.2845
rs220245	T	0.0539
rs75831487	A	-0.1243
rs73175447	G	0.1052
rs3746899	T	-0.0404
rs76523946	C	0.1782
rs114074976	A	0.1598
rs36082444	A	-0.0441
rs1543657	G	0.059
rs8130149	G	0.0567
rs116926926	T	-0.1678
rs466791	T	0.0505

rs2830042	C	-0.0736
rs2826797	T	-0.0341
rs8131452	G	-0.0403
rs7280770	A	0.0478
rs147540421	A	-0.2551
rs80058257	T	-0.1224
rs204736	T	0.0772
rs139010167	T	-0.2121
rs11911486	G	-0.036
rs2838654	A	-0.0364
rs12482911	A	0.0383
rs147298087	T	-0.0913
rs718387	A	0.0745
rs2834063	G	0.036
rs114845558	C	-0.0823
rs750445	C	0.049
rs9983881	A	0.0379
rs8131857	T	0.0346
rs395640	A	0.0401
rs73204756	T	-0.2394
rs2826864	C	-0.0479
rs140166058	G	-0.2043
rs73191433	C	0.111
rs4610150	A	0.0851
rs144555756	G	-0.3826
rs2822964	C	-0.0385
rs2839452	C	-0.038
rs111867298	A	-0.092
rs73890758	G	0.0724
rs57800817	G	0.0905
rs111584507	C	-0.138
rs1740188	A	-0.0408
rs73898826	T	0.0459
rs113999621	A	0.1092
rs205681	C	0.0901
rs2824758	G	-0.0398
rs73223693	G	-0.0572
rs117268702	A	0.1545
rs80222517	G	-0.1296
rs423334	C	0.1132
rs77537174	A	0.1474
rs9977719	G	0.0379
rs9305793	T	-0.0472
rs2835450	C	-0.0365
rs7279830	A	-0.0572
rs118095399	G	0.2384
rs9974145	A	0.0411

rs2832596	T	0.0605
rs79593629	A	-0.1109
rs80122325	C	0.1434
rs74939595	A	-0.1098
rs459837	A	0.0553
rs115593871	A	-0.0611
rs118073646	C	0.2347
rs17816267	T	0.0768
rs1292753	C	0.0844
rs138069880	T	-0.0498
rs2834601	T	0.0621
rs8129720	G	0.0457
rs3017523	T	0.0416
rs73164297	A	0.1121
rs461679	T	-0.0372
rs73907499	T	0.1306
rs73211470	C	-0.1391
rs79594300	G	0.085
rs8128175	G	0.126
rs76646704	C	0.1941
rs994056	A	0.0348
rs9985073	T	0.0465
rs2246604	T	0.048
rs117307522	A	-0.2003
rs2226294	A	-0.0388
rs62214031	G	-0.0489
rs9305841	T	-0.0497
rs78924614	A	0.1511
rs55754456	T	0.0639
rs2828219	G	0.0326
rs71332590	C	-0.0734
rs9984378	G	0.0328
rs55963238	G	-0.0457
rs8127044	A	0.0493
rs8131690	A	0.1823
rs1786434	A	0.0335
rs1399589	T	-0.0901
rs2255892	T	-0.0457
rs2835257	G	-0.1537
rs914186	G	0.0331
rs74803911	A	-0.1598
rs2211988	C	0.034
rs73336646	T	0.0898
rs9975142	C	-0.1103
rs11911229	G	0.0555
rs1699653	T	-0.046
rs80211969	A	-0.1182

rs13052424	T	-0.0986
rs218636	G	-0.0368
rs2410348	C	0.0578
rs2836714	C	0.0323
rs118148883	T	0.2039
rs1072869	C	-0.0334
rs3827232	T	0.0386
rs4819360	T	-0.0421
rs1474821	T	0.0568
rs413785	T	0.0356
rs2825778	A	0.1453
rs2407251	C	0.0325
rs7281742	A	0.137
rs17805372	C	-0.1238
rs13052766	T	0.0442
rs449014	G	0.0342
rs7283839	G	-0.1346
rs2277820	T	0.0397
rs150229285	T	0.0582
rs4818971	T	0.0591
rs35554635	A	-0.0774
rs9976377	C	0.0546
rs76747837	T	0.1888
rs78297416	G	0.1527
rs117290439	T	0.1559
rs2205047	A	-0.0941
rs2027659	C	0.1467
rs3993073	G	0.0587
rs76072379	C	-0.1319
rs2836834	A	0.0333
rs10154249	G	0.2083
rs2828656	T	0.0397
rs79495004	G	-0.0395
rs146081060	A	0.22
rs13047429	A	0.1155
rs56081647	T	0.1196
rs2832791	T	-0.0345
rs140855506	A	-0.1749
rs140211078	A	0.124
rs117235452	T	0.169
rs2825877	T	-0.105
rs1811076	A	-0.0343
rs218628	A	0.032
rs7277498	G	-0.0347
rs141410339	A	-0.1464
rs143740851	C	0.1276
rs8134031	C	0.0359

rs77509377	A	0.1179
rs117610199	G	0.1651
rs28425	T	-0.0538
rs13048753	T	-0.0721
rs34807968	G	0.0431
rs117109857	C	-0.15
rs117685760	C	-0.1839
rs144653764	T	-0.2016
rs4816325	A	0.1053
rs60460929	T	0.0338
rs2245706	A	-0.0865
rs12626386	C	0.1442
rs7279635	G	0.0526
rs2838363	C	0.0343
rs62208234	G	0.2331
rs2833753	A	0.0366
rs4816483	C	-0.1533
rs71317502	T	0.1974
rs75692821	A	-0.1385
rs4919930	T	0.0629
rs8132251	T	-0.054
rs437936	G	-0.0508
rs4425176	T	0.045
rs17723200	A	0.157
rs35993871	G	-0.033
rs2837367	T	-0.0363
rs6516745	C	-0.0585
rs400852	G	0.0403
rs73197499	C	-0.0762
rs456498	A	-0.1628
rs76556334	G	-0.1745
rs7281481	G	-0.0328
rs2836305	C	-0.0421
rs17002178	G	0.1743
rs117454471	T	0.2419
rs73156693	T	0.0781
rs145047222	G	-0.0599
rs12482051	A	0.0493
rs2097023	G	0.0391
rs2833469	A	-0.0425
rs73341961	C	-0.1023
rs7276741	A	0.0326
rs148366733	T	0.2267
rs7278312	A	-0.0376
rs73219021	A	0.0484
rs80166167	A	0.1124
rs113137149	G	0.1666

rs2837587	G	0.0304
rs2833465	T	0.0467
rs149510	A	0.034
rs9977786	G	-0.1121
rs146175819	T	-0.1623
rs17004794	A	0.134
rs34956452	C	0.0356
rs78929340	A	0.0755
rs7278439	T	-0.0342
rs2824137	C	0.0367
rs78395587	C	0.122
rs117870459	T	0.097
rs9977697	G	-0.0481
rs73383753	T	0.2083
rs12627420	G	-0.1214
rs856186	C	0.0358
rs2823907	A	0.1597
rs117251382	G	0.2693
rs76955685	C	0.0722
rs1557270	T	0.0586
rs451887	T	0.054
rs148136816	A	0.1184
rs111245099	A	0.2311
rs75241318	T	0.1606
rs11701991	T	-0.0794
rs8130288	A	0.0421
rs2073357	C	0.0389
rs79593253	T	-0.1384
rs117479174	C	0.2328
rs1358342	C	0.0327
rs9985131	A	0.0393
rs2834036	C	-0.032
rs60493579	A	0.1988
rs9974334	T	0.0881
rs28699022	T	0.0384
rs386760	A	-0.1074
rs2269172	T	0.0461
rs239703	T	-0.0457
rs139544847	G	0.0861
rs1787423	G	-0.0309
rs55869169	G	0.2139
rs60296086	A	0.0426
rs727333	A	-0.0573
rs4550749	C	0.0318
rs149165867	G	-0.0924
rs229450	A	0.0312
rs140086523	A	0.2121

rs34613278	T	-0.166
rs118081780	A	0.1807
rs117905971	G	-0.076
rs13051772	T	0.1558
rs11702336	G	0.172
rs11910514	T	0.0887
rs78483849	T	0.0445
rs145256236	C	-0.1687
rs12483507	C	0.1115
rs77988549	G	-0.098
rs4818772	C	0.086
rs1514414	G	0.0302
rs78931138	A	-0.1439
rs12626381	T	-0.0754
rs2836541	C	0.0552
rs11911177	C	0.0579
rs184357	G	-0.0608
rs4817405	C	-0.0308
rs117871010	C	-0.1675
rs2837968	T	0.094
rs146330935	T	-0.1432
rs73205216	C	0.0578
rs2825665	G	-0.0349
rs150890781	C	-0.0525
rs2154700	A	-0.0298
rs117817589	T	-0.1545
rs10222182	G	0.0455
rs78964883	C	0.114
rs462179	A	0.0546
rs2835156	A	0.0919
rs73229360	C	0.1749
rs74808397	T	0.2041
rs145024188	T	0.1964
rs145539442	G	0.2196
rs75921250	T	-0.0805
rs62217809	A	-0.1485
rs73366100	C	0.0735
rs2839077	C	-0.045
rs1580385	C	0.1462
rs13051616	C	0.0365
rs73233507	T	0.1038
rs73159471	A	0.1225
rs117782061	C	-0.0906
rs150746659	A	-0.1221
rs9305917	A	-0.0583
rs73235419	A	0.0831
rs79503798	C	0.1876

rs75296494	G	0.0904
rs207510	C	-0.0366
rs8992	G	0.0556
rs8132501	C	0.0304
rs13049182	A	-0.0317
rs222945	C	0.1798
rs144573413	A	-0.1799
rs62208636	G	0.2304
rs2831583	T	0.0934
rs2838572	T	0.0331
rs396032	A	-0.0298
rs4816977	T	-0.0907
rs1828829	G	0.0414
rs2183557	T	0.032
rs142807742	T	-0.2091
rs12373919	C	-0.0467
rs13048466	C	-0.1068
rs117544315	A	-0.1104
rs9976185	A	-0.0588
rs2837099	T	-0.0405
rs113599801	T	0.1709
rs2832258	A	0.0347
rs56012600	T	0.0427
rs8133190	C	0.0507
rs112968517	A	0.0748
rs2298683	C	-0.0299
rs143805659	G	0.1344
rs11702484	A	0.0511
rs1789231	T	0.0458
rs2836748	G	0.0672
rs34838968	C	0.0452
rs117847964	C	0.2095
rs433836	G	-0.045
rs35061689	C	0.0971
rs34270681	C	0.0309
rs2824177	A	0.0402
rs17240955	A	-0.0653
rs11089074	T	-0.0322
rs1989073	T	-0.0323
rs7277907	A	0.092
rs2833843	C	0.0385
rs4817116	G	-0.0312
rs75463682	G	0.1781
rs3804040	G	0.0346
rs7510412	G	-0.0501
rs75783507	T	-0.0518
rs11701806	G	-0.0384

rs2831463	T	-0.0494
rs12482711	T	0.1398
rs17693038	T	0.1022
rs225433	G	0.0478
rs147544678	T	-0.2021
rs9984209	C	-0.1856
rs673576	C	0.0442
rs2838049	G	-0.0338
rs12627197	C	-0.0572
rs13049293	T	0.0338
rs73219304	A	-0.0503
rs4816355	T	-0.0626
rs77879956	C	0.057
rs118124641	C	0.1719
rs2845820	T	0.0843
rs7364072	C	-0.039
rs233585	C	-0.0919
rs62216438	T	-0.0751
rs9637301	G	-0.0316
rs79357966	A	0.09
rs4817059	A	-0.0319
rs79287141	G	0.0928
rs238997	T	-0.1915
rs2833655	C	0.0314
rs79694962	A	-0.1108
rs62229370	T	-0.0472
rs12627433	C	0.073
rs2834099	C	-0.0323
rs178422	G	-0.047
rs2277798	A	0.0303
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rs9978584	G	0.1298
rs467590	C	-0.0298
rs75817510	A	0.1382
rs55970829	G	0.0515
rs243614	T	-0.0301
rs11701664	T	0.0353
rs117357275	C	0.0718
rs2070229	C	0.0325
rs17276117	C	-0.076
rs8127690	T	-0.0312
rs117565368	C	-0.1338
rs1297125	T	0.0315
rs2832588	A	0.031
rs78884188	T	-0.2138
rs111278810	G	0.1885
rs4919949	A	-0.0712

rs8127076	C	0.1806
rs2254524	A	0.0313
rs2027592	C	0.0296
rs171010	A	0.0313
rs2070649	G	-0.0307
rs73227418	G	-0.1171
rs147466511	A	-0.1135
rs845943	C	-0.0388
rs9983277	T	-0.0295
rs117614808	A	-0.1839
rs79343889	A	0.1987
rs2827804	A	0.065
rs77431699	C	0.1098
rs2835057	C	0.0284
rs2284958	C	-0.0328
rs75291200	C	0.0764
rs9976477	T	-0.221
rs2827137	C	-0.0368
rs149721392	T	0.2494
rs151159061	A	0.0696
rs7510001	G	-0.0343
rs145747711	T	-0.1783
rs60727828	A	0.1293
rs140835176	G	0.2202
rs11908867	T	-0.0575
rs17778936	G	-0.0795
rs964035	C	-0.0302
rs8131621	G	0.0343
rs117617749	T	-0.0605
rs2408976	T	-0.0511
rs12482475	A	0.0692
rs7275197	G	-0.0335
rs2409412	C	0.0756
rs9980402	T	0.1933
rs55912899	A	0.058
rs60944484	G	0.0413
rs117454666	A	-0.2356
rs117741984	G	0.0578
rs79852897	T	0.1401
rs76272369	T	0.0742
rs73190656	T	-0.0419
rs118005346	G	-0.1241
rs139383415	T	-0.2423
rs9979665	T	-0.0294
rs72613649	A	-0.0602
rs7283535	A	-0.0424
rs2835318	T	0.0397

rs2850133	C	0.0467
rs11700534	A	0.0422
rs34574907	T	-0.0506
rs143476349	C	0.1734
rs55684257	A	0.1342
rs9306050	G	0.0901
rs74324428	T	0.1399
rs117124370	C	0.1451
rs79175465	T	-0.1172
rs62210114	G	-0.2041
rs73324123	C	0.0622
rs730952	T	-0.0292
rs9798612	A	0.0816
rs7276579	C	-0.0711
rs78514469	C	-0.091
rs2824150	G	0.0683
rs73196436	C	-0.1664
rs76543275	G	-0.2561
rs2834417	C	0.0295
rs34831514	G	0.1372
rs17683895	A	-0.0877
rs3827160	A	-0.0385
rs62228038	A	-0.0403
rs2836421	T	-0.0531
rs854614	A	0.0297
rs225436	C	-0.0314
rs2823748	T	0.0351
rs7278742	C	-0.0442
rs13050786	G	-0.0287
rs11702736	A	0.0408
rs150506733	G	-0.1817
rs77265865	T	0.0816
rs62221618	A	0.0502
rs62206702	A	-0.0415
rs12483023	G	0.0466
rs79161491	T	0.0545
rs118118070	A	0.2354
rs9976469	G	0.1569
rs2836351	C	0.0579
rs147089807	A	-0.1211
rs188061	G	0.0336
rs9983427	T	0.0761
rs7282282	T	0.1178
rs11088229	G	-0.0382
rs77723855	A	0.1541
rs79233999	G	0.0758
rs2828039	C	-0.0359

rs117699353	G	0.076
rs75785490	T	-0.0904
rs2825688	A	-0.0318
rs2205436	T	0.0342
rs73206955	C	0.0415
rs73208373	T	-0.0347
rs4453762	T	0.074
rs12483164	A	0.0391
rs7510019	A	0.0672
rs436525	G	-0.0368
rs78183042	C	-0.0475
rs73226129	G	0.0336
rs4816549	G	0.2184
rs13046291	C	0.0387
rs1160766	T	-0.0314
rs2269169	C	-0.0286
rs74915688	A	-0.1307
rs113406218	T	-0.0785
rs1005045	T	-0.052
rs2830236	C	0.0517
rs2835719	T	0.0375
rs117600074	C	-0.2069
rs870531	A	0.0291
rs11911883	A	0.043
rs73220983	G	-0.201
rs2833649	T	0.03
rs57378383	A	-0.0869
rs11701890	T	0.0353
rs79697477	G	-0.1381
rs2142443	C	0.1373
rs220159	A	0.0281
rs9979250	T	0.082
rs74659021	G	0.1649
rs2836574	G	0.1327
rs2823233	C	-0.0333
rs80224785	C	0.0513
rs7275780	A	0.0406
rs208930	A	0.029
rs749020	A	0.0294
rs77572112	C	0.1428
rs150938444	T	0.1025
rs78823543	A	-0.0978
rs8132905	G	0.0337
rs73195606	T	-0.0514
rs2824918	T	0.0273
rs3788116	T	-0.0341
rs34777084	G	-0.047

rs2839010	A	0.0317
rs77963422	T	-0.0391
rs143949745	T	0.1252
rs55916879	T	-0.0782
rs1989441	C	0.1994
rs58952985	T	0.1584
rs2838266	T	-0.0341
rs117726629	T	0.09
rs140605793	T	-0.1514
rs220148	C	-0.0282
rs401217	T	0.0295
rs4352296	C	-0.0277
rs1888501	A	-0.0657
rs366343	A	0.0294
rs12483286	C	0.1349
rs112779919	T	-0.1103
rs145133230	C	-0.1743
rs12626850	T	0.0433
rs149890304	T	0.1873
rs17816027	T	-0.1143
rs13047712	C	-0.0529
rs1041834	G	-0.0292
rs2826144	G	-0.033
rs75848850	T	0.0568
rs74897606	A	-0.2007
rs117966632	A	-0.0731
rs77485289	C	-0.1916
rs2826064	C	-0.0272
rs2838547	C	0.0419
rs62215000	G	-0.0433
rs151187949	G	0.0745
rs61159257	T	0.0385
rs9981890	T	0.1448
rs138533490	A	-0.0945
rs17627872	A	-0.0507
rs2839637	T	0.0451
rs16997421	T	0.0532
rs145904301	T	0.1037
rs2827252	A	0.0316
rs144703009	T	-0.0818
rs143191361	C	0.1727
rs7279897	T	0.0342
rs140267481	C	-0.231
rs35734905	T	0.0707
rs4402847	G	-0.0287
rs116954329	T	0.1056
rs79156595	A	0.1591

rs68189421	A	-0.0361
rs62222229	G	-0.1161
rs11700660	T	-0.0908
rs2825050	C	-0.0304
rs6517118	A	0.0467
rs117961998	A	-0.1488
rs77603305	C	-0.1368
rs11701037	C	0.1344
rs2829684	T	0.0369
rs9980524	G	-0.0366
rs4525779	C	0.0539
rs393582	G	-0.0398
rs11701813	C	-0.0359
rs139994393	C	0.1543
rs8127488	T	0.0302
rs2226360	T	-0.1417
rs2839097	A	0.0338
rs150380927	A	0.0652
rs73208172	A	-0.0609
rs11700855	G	0.0469
rs2830448	G	0.0276
rs2836546	A	0.0283
rs2831164	T	-0.0331
rs7280313	G	-0.0563
rs73315337	A	0.0761
rs979461	A	0.0314
rs76746024	T	0.1127
rs59790371	T	-0.1992
rs1788306	A	-0.0371
rs2838116	C	-0.0311
rs56116019	T	0.0816
rs78198036	T	0.0555
rs1735886	T	-0.0364
rs433074	T	0.0316
rs117457609	T	0.1054
rs7282418	C	-0.0299
rs75615560	T	0.1895
rs2823817	A	-0.0297
rs62239501	G	-0.1747
rs415731	A	0.0316
rs17203886	T	0.0956
rs8134244	G	-0.0303
rs7282215	G	-0.0269
rs151045459	A	0.2194
rs75022962	T	-0.0896
rs146963847	G	0.1533
rs456298	T	-0.0372

rs117470535	A	0.1145
rs112015019	T	0.2235
rs75099542	T	-0.1511
rs1735726	C	0.0289
rs2010513	T	0.0292
rs73361270	A	0.0693
rs2829789	A	0.0409
rs220136	A	0.0264
rs2836763	C	0.0736
rs3126371	C	-0.0783
rs2822681	A	-0.0669
rs11701754	A	-0.1155
rs117832982	C	-0.08
rs9980434	T	0.0534
rs75590416	T	-0.0939
rs76275419	T	-0.0515
rs117780679	T	0.1035
rs363568	A	0.0479
rs73207089	A	0.0686
rs2830319	G	0.0276
rs12626247	G	-0.1119
rs73901231	G	-0.1572
rs9984213	A	0.0484
rs1475570	G	0.2203
rs56207925	T	0.0494
rs151077241	T	0.0867
rs11088049	T	-0.0358
rs421241	A	-0.0355
rs229085	G	0.0477
rs7276833	A	0.1339
rs17000133	T	0.1246
rs141735898	T	0.1633
rs9975406	C	-0.0271
rs75624450	T	-0.0959
rs67858562	T	0.0386
rs875138	A	0.033
rs933121	A	-0.0276
rs13052002	T	-0.0619
rs8133604	C	0.1005
rs144852133	G	0.1441
rs138132121	A	0.1363
rs6517815	C	-0.0269
rs41424344	C	0.1214
rs75139679	T	0.2198
rs71322521	A	0.182
rs73358218	T	-0.0722
rs9983933	T	0.031

rs13046940	A	0.0709
rs62223467	T	0.127
rs2835841	A	-0.0482
rs7282467	T	0.038
rs73191258	T	-0.243
rs62217084	C	0.0279
rs149163373	G	-0.1618
rs191996	C	-0.0266
rs34975687	C	-0.0485
rs78186712	C	0.116
rs7278145	G	0.0324
rs2822832	T	-0.0355
rs8127991	T	0.1033
rs76439527	G	0.1785
rs2822808	C	0.1666
rs2205468	T	-0.0468
rs10460708	A	0.035
rs2829041	C	-0.0293
rs117063865	A	-0.1159
rs149486665	C	-0.1359
rs58060663	C	-0.0761
rs73370119	T	-0.0958
rs73232680	G	-0.068
rs2823400	C	-0.0273
rs143366694	T	0.1219
rs235318	A	0.0389
rs77720513	G	0.1079
rs2830230	G	-0.0382
rs10854301	A	0.0427
rs12627738	A	-0.1512
rs73193741	T	0.1053
rs35079641	C	-0.038
rs76842854	T	-0.2216
rs67693162	C	0.0955
rs148832797	A	-0.1608
rs7279679	A	-0.0568
rs10482992	C	0.0483
rs8133510	A	0.0356
rs7282276	C	0.0346
rs7275593	C	-0.0395
rs583952	A	0.0412
rs2834006	C	-0.0278
rs9808679	C	0.072
rs117070430	C	-0.1001
rs3788111	T	-0.0337
rs233786	G	0.045
rs76279918	G	0.0954

rs11088977	C	-0.0434
rs2823988	T	0.1549
rs58315492	T	0.0739
rs915566	G	0.0286
rs111745087	C	0.2522
rs75544951	T	0.0838
rs7276238	T	-0.0303
rs73203904	T	-0.061
rs1449524	A	0.027
rs145951290	G	-0.2208
rs2243723	G	-0.0305
rs56314582	G	0.1902
rs13052569	T	-0.0733
rs111316100	T	0.1789
rs138571959	T	0.1342
rs17565611	C	0.1237
rs78786709	A	-0.1175
rs73191626	C	0.1561
rs218336	C	0.0502
rs12626651	G	-0.1702
rs9653818	C	-0.0501
rs8133184	C	-0.0328
rs2837522	A	-0.0251
rs8129003	A	-0.0777
rs35004194	T	0.0474
rs11701393	C	-0.0341
rs2032314	T	-0.0487
rs2834073	T	-0.0633
rs1699639	A	0.0691
rs7277623	C	0.0262
rs2836442	G	0.0258
rs73196655	A	0.1152
rs8130681	A	0.0343
rs2826303	G	-0.0287
rs79761210	G	-0.0343
rs1448368	A	-0.0264
rs162365	C	0.0286
rs1888498	A	0.0256
rs79044819	A	-0.1554
rs75027792	C	0.0449
rs9306109	T	-0.0514
rs1735371	A	-0.0302
rs2075875	C	-0.0491
rs113453991	A	0.1285
rs73906476	G	-0.0717
rs117303420	A	0.1531
rs416707	G	0.0301

rs73233027	G	-0.07
rs74699119	G	0.0992
rs74758653	G	0.135
rs117838152	C	0.0781
rs7280611	T	0.0349
rs17694166	C	0.0605
rs77773236	A	-0.0751
rs76411915	C	-0.0848
rs117720560	T	0.1738
rs12626960	G	0.0717
rs145908191	A	-0.1545
rs2833482	A	-0.0358
rs468076	C	-0.0389
rs7276763	A	0.0504
rs9978224	A	-0.0306
rs8129605	C	0.0268
rs145689273	A	-0.0927
rs13052751	T	0.0271
rs433223	A	-0.0264
rs4816410	A	0.0595
rs73199882	G	-0.0919
rs80302275	A	0.0557
rs77147477	G	-0.0303
rs9981768	T	-0.1008
rs143532407	C	-0.1074
rs11701165	G	0.0272
rs9808684	T	-0.0577
rs363602	T	-0.0957
rs35663785	A	0.1011
rs80075133	T	0.0653
rs74771595	A	-0.041
rs62216867	A	-0.0584
rs8128756	G	-0.0292
rs79623645	A	0.0944
rs11910836	A	0.0457
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rs75056695	C	0.1126
rs2834649	A	-0.0474
rs13052910	T	-0.1877
rs2838358	C	-0.0294
rs73181866	C	0.0832
rs74892007	T	-0.1085
rs1883002	T	0.0933
rs74760835	A	0.1705
rs56270247	G	0.0688
rs80315588	A	-0.0258
rs118165637	G	0.1852

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rs11088827	T	-0.0904
rs62217419	T	-0.0829
rs118156117	C	0.1572
rs2838067	A	-0.0279
rs2838475	T	0.0444
rs111953444	T	0.1392
rs79138463	A	-0.0817
rs77438163	T	0.1128
rs117550857	G	-0.1063
rs2836072	T	0.0367
rs9978825	T	-0.0269
rs77217809	A	0.0619
rs116884457	A	-0.098
rs2830208	T	-0.0263
rs118030181	A	-0.1084
rs112679812	G	0.1783
rs17725830	G	-0.2221
rs117558063	A	-0.1396
rs12626949	C	0.0392
rs13050138	T	0.1171
rs111346834	A	-0.1588
rs60614709	A	-0.028
rs2155967	C	0.0489
rs11910139	T	-0.0421
rs144406630	A	-0.0658
rs117789728	A	0.1835
rs13048879	C	0.0469
rs74728378	A	-0.1131
rs13047640	A	0.0399
rs13051356	A	0.0427
rs1810864	T	-0.0528
rs1543761	C	0.0473
rs2835681	G	0.0541
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rs111514432	A	-0.042
rs149622338	C	-0.1384
rs1989273	A	0.1418
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rs55993832	C	-0.2206
rs1556282	A	-0.0284
rs2834689	C	0.0595
rs219661	G	0.0251
rs76298616	T	0.1044
rs79807929	C	0.0709
rs117176234	G	0.1602
rs148207568	A	0.2281

rs9974619	C	-0.2269
rs28520635	C	-0.0845
rs219733	C	0.0506
rs1023372	T	-0.0451
rs56040839	C	-0.0542
rs467930	A	-0.1364
rs2410215	T	-0.0658
rs462290	T	0.0245
rs2834291	T	0.0255
rs62226874	C	0.1691
rs2898401	A	0.027
rs13047425	T	-0.0423
rs1735956	A	-0.0351
rs62209366	T	0.0869
rs76949998	T	-0.0786
rs150339025	T	-0.148
rs2823918	A	0.0373
rs2830382	A	-0.0271
rs117070022	A	-0.2364
rs76334547	G	0.1479
rs117296583	T	0.0619
rs686860	C	0.0261
rs12151990	T	0.0301
rs2299753	C	-0.0364
rs117244053	C	-0.1835
rs73373765	G	0.1073
rs116870391	G	0.2101
rs2329898	G	0.1712
rs80251389	T	0.113
rs76594746	T	0.1171
rs117704399	C	0.1121
rs2051394	G	-0.0252
rs116868186	T	-0.1243
rs76350217	G	-0.0905
rs4818651	G	0.1284
rs1029246	G	-0.0551
rs17766637	A	-0.0451
rs118173638	T	-0.1264
rs117836053	C	0.0771
rs3746912	A	0.0599
rs2826253	G	0.0297
rs74887668	T	0.1176
rs12373938	T	0.1179
rs751032	T	0.0581
rs142740298	T	-0.0933
rs62215399	G	-0.0412
rs2823243	G	0.1052

rs2105577	A	0.0239
rs2164171	T	-0.0346
rs146213489	A	-0.1962
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rs79898362	C	0.1875
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rs59600504	A	-0.1222
rs9980428	T	0.0326
rs77648654	A	0.1241
rs7275222	C	0.0273
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rs138247802	T	-0.1675
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rs2829291	C	-0.0315
rs2299768	T	0.032
rs16979061	T	0.1844
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rs2831474	T	-0.0275
rs55781414	A	0.0706
rs113609898	A	0.1496
rs4592933	T	0.0256
rs2828511	A	-0.0239
rs115199976	A	0.0542
rs144864589	T	-0.188
rs475142	C	0.0329
rs112711966	T	0.0866
rs2829017	C	-0.0535
rs79567778	T	0.1108
rs148983122	C	0.1071
rs928261	T	0.0274
rs9976424	T	0.0897
rs11702815	G	0.1893
rs151173349	T	-0.1214
rs1297124	C	-0.03
rs2830516	T	0.0326
rs77208348	A	0.0914
rs78248586	T	0.0692
rs2837318	G	-0.025
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rs78208377	T	0.1559
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rs9983953	C	0.0697
rs62237612	A	-0.0718
rs989649	A	-0.0813
rs1995098	T	-0.0313
rs73194972	A	-0.1603

rs11701336	G	-0.0405
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rs118052928	G	-0.0657
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rs8130386	A	-0.1408
rs2125866	T	0.0297
rs9979321	T	-0.0257
rs35312269	G	-0.108
rs380011	C	-0.0245
rs118010787	T	0.1737
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rs8127129	A	0.0379
rs1961365	T	0.0432
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rs145980291	T	0.1169
rs2410415	C	0.0312
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rs2039259	A	-0.0343
rs12481988	C	-0.0253
rs723470	A	-0.0272
rs1527510	T	0.0379
rs7283257	A	-0.053
rs34028964	A	-0.0308
rs77267705	T	0.0993
rs7276505	A	0.1311
rs73140923	A	0.0628
rs2832880	G	-0.0811
rs2845811	C	-0.0462
rs118175687	A	0.1069
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rs144759118	T	0.0833
rs2837755	C	0.0373
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rs58714932	A	0.083
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rs117200219	T	0.0759
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rs117859961	C	0.1253

rs76528216	C	0.0828
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rs12140	C	-0.0582
rs474142	A	-0.0876
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rs74393210	T	0.064
rs7276814	T	-0.0406
rs73218870	A	0.0388
rs73381652	A	0.0551
rs13433501	T	0.1086
rs17860264	A	0.0713
rs2051393	G	-0.1
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rs10451853	G	-0.0315
rs4817323	G	-0.0258
rs118075055	T	0.1949
rs55684246	C	-0.033
rs140029788	C	0.1065
rs78348873	T	0.1244
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rs77895658	T	0.0505
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rs17572439	G	0.0348
rs9305659	T	-0.0239
rs2822697	C	-0.0357
rs28416562	T	0.028
rs11700595	A	-0.1769
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rs2829482	C	0.0353
rs113215631	C	-0.1252
rs2829121	T	-0.0312
rs117716311	C	0.1363
rs74373568	T	-0.0568
rs12483618	T	0.1006
rs2830902	A	-0.0255

rs1943960	T	0.0526
rs76032415	T	-0.0557
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rs139277153	C	-0.1322
rs2830128	C	-0.0584
rs80173631	A	-0.0699
rs62213023	T	-0.1065
rs463117	C	-0.0342
rs17632819	A	0.0581
rs7276365	A	0.0267
rs28481440	G	0.1378
rs62220310	A	-0.0897
rs3814896	G	-0.0272
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rs143661053	T	0.1359
rs10154135	T	-0.0507
rs28620385	C	-0.0274
rs204395	C	-0.0327
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rs55853145	A	0.0262
rs146624109	A	0.1293
rs2838291	G	0.0487
rs2832606	T	-0.0724
rs8132055	G	0.0252
rs9653664	G	0.0226
rs1107119	C	0.0255
rs13047077	G	-0.0311
rs8132902	G	0.0378
rs7281211	G	0.0344
rs1032002	T	0.0319
rs10775664	T	0.0253
rs60553890	G	0.0494
rs111986507	A	0.1178
rs239080	G	-0.0474
rs13046441	A	-0.0502
rs527945	C	-0.0509
rs7281646	C	0.0591
rs2830638	C	0.0275
rs78593706	T	0.0654
rs369906	C	0.0244
rs2839403	A	0.0231
rs466386	G	-0.0531
rs77619227	T	0.0913

rs35374062	G	0.2046
rs115281552	C	-0.1587
rs138618368	A	-0.1405
rs377419	G	-0.03
rs117395873	G	0.1446
rs114149337	G	-0.044
rs74535100	A	0.1227
rs13048015	C	0.1751
rs78393454	G	0.0553
rs59394421	A	0.1133
rs1556326	A	-0.0894
rs71315790	T	0.0609
rs7281841	G	0.0768
rs2826486	T	0.0371
rs149826616	T	-0.1529
rs117833633	A	-0.0948
rs77218221	C	-0.126
rs143274367	C	0.1007
rs2409500	C	0.0294
rs77037611	G	0.0976
rs77518471	T	0.165
rs9978236	C	-0.0321
rs3788011	T	0.0371
rs2010779	G	0.0307
rs9978024	T	0.0314
rs76078856	C	-0.2101
rs8130891	G	-0.0565
rs75434286	A	-0.0375
rs28663998	T	0.0286
rs78126278	C	0.0842
rs9636845	T	-0.0486
rs62222914	T	0.0276
rs9981898	T	-0.0258
rs4333012	G	0.0654
rs2834080	T	-0.0503
rs74349957	G	0.0825
rs1459407	A	-0.0326
rs1699660	A	-0.1464
rs4817211	G	0.0373
rs4817701	C	-0.0313
rs117609508	T	0.089
rs74364162	T	0.0987
rs2826893	C	0.0228
rs4542933	T	-0.0477
rs73204269	G	-0.0352
rs12482821	G	0.0907
rs2014085	C	-0.0266

rs73190628	C	0.0931
rs34157675	G	0.0661
rs117158358	A	-0.1471
rs116867279	C	0.1391
rs78925364	C	0.09
rs2178938	C	0.0313
rs10222076	G	-0.0222
rs78183361	T	0.102
rs2838100	G	-0.0285
rs857960	T	0.0925
rs225401	A	-0.0377
rs4819065	A	0.0484
rs9979252	A	-0.0894
rs61128886	C	-0.0482
rs2827046	A	-0.0331
rs2822553	C	0.0272
rs9977011	T	0.0535
rs2834841	G	0.026
rs8131986	C	-0.0226
rs117513214	C	-0.0906
rs2051356	A	0.0443
rs73223874	A	-0.0667
rs2828635	C	0.0488
rs116124260	A	-0.1143
rs9325611	A	0.0269
rs2026847	T	-0.0254
rs209278	G	0.0269
rs9974765	T	-0.0306
rs2822995	T	0.0275
rs116763542	G	0.1218
rs1541291	G	-0.0227
rs626712	T	0.0589
rs77067815	A	-0.0406
rs7279224	T	-0.024
rs73233871	T	-0.0535
rs59699345	G	0.0336
rs73191663	A	-0.0381
rs74424451	T	-0.0916
rs73189209	A	0.0892
rs62230787	G	0.0234
rs9980482	C	0.0303
rs118125610	A	-0.1
rs150684488	T	-0.0867
rs7280924	T	0.0235
rs13047669	T	-0.0371
rs77725260	C	0.1836
rs2516560	T	0.0279

rs8130140	T	0.0716
rs148574312	A	-0.1141
rs78554638	T	0.1509
rs147503684	A	0.167
rs147229087	C	0.1807
rs113230567	G	-0.1014
rs145681103	C	0.1212
rs144751563	G	-0.1346
rs112093711	G	0.1055
rs35822038	A	0.0575
rs76040172	A	-0.0579
rs36071212	G	0.0488
rs12483355	G	0.0408
rs149920163	T	-0.0811
rs118188454	G	0.1095
rs7278289	G	-0.0272
rs2827315	C	0.0269
rs144335028	G	-0.1562
rs374162	C	-0.0311
rs4817506	A	0.0229
rs79952904	T	0.0792
rs2776066	G	-0.0232
rs76121513	G	-0.0456
rs117827223	A	-0.0919
rs116867272	A	0.1909
rs9982370	T	0.0276
rs2211947	C	-0.0229
rs62222962	C	-0.0618
rs117440128	A	0.1434
rs73218246	A	-0.0262
rs111785472	G	-0.1235
rs444435	G	0.0226
rs9975893	A	-0.0694
rs11909545	A	0.1233
rs34000631	C	-0.0432
rs4920097	C	0.0587
rs2825364	A	-0.0303
rs2832231	C	-0.023
rs138622142	A	-0.0619
rs1984304	G	-0.027
rs75152729	T	-0.0637
rs232399	A	0.024
rs76526582	G	0.068
rs7277610	A	0.0279
rs2832439	G	0.0257
rs9982980	G	0.0316
rs1888414	T	0.0232

rs1078014	A	-0.0326
rs4343547	C	-0.0661
rs11702439	T	-0.0895
rs8127600	T	0.0285
rs9983132	C	0.1806
rs2825529	C	0.0251
rs9985105	T	-0.0234
rs9977143	C	0.0417
rs4143355	G	0.0458
rs2838117	T	0.0248
rs11700876	A	-0.1272
rs2226303	C	-0.0279
rs60137446	T	0.0322
rs111975621	A	0.1686
rs117027339	A	0.1794
rs28576866	G	0.0407
rs148370442	T	-0.1216
rs7276406	C	-0.0222
rs60383775	C	0.0601
rs118110110	A	-0.1122
rs10854373	T	-0.0287
rs56942017	G	0.0437
rs2823190	T	0.0332
rs73235045	G	0.0992
rs78279703	A	0.091
rs28515690	T	0.0303
rs73220825	G	-0.0546
rs75904028	G	-0.0857
rs28710165	C	0.0943
rs2212667	C	-0.0239
rs144637905	G	-0.1712
rs2280965	T	0.0556
rs73220483	T	0.0444
rs141558194	A	0.1317
rs1783383	A	-0.0234
rs144271394	A	-0.1694
rs2070440	A	-0.0247
rs7282236	A	-0.0268
rs2839526	G	-0.0255
rs79545821	A	0.0665
rs12483222	C	-0.0689
rs62226688	G	0.0361
rs71317476	A	0.0547
rs73214731	A	0.1027
rs4816280	T	0.0377
rs678984	T	-0.0506
rs643355	A	-0.0233

rs8128019	C	0.0779
rs4553895	A	0.1148
rs140685138	G	0.1603
rs12482064	G	0.0248
rs2212297	G	0.0217
rs7277971	G	-0.0557
rs145608126	C	0.068
rs225374	G	0.029
rs73233841	C	-0.13
rs216762	T	-0.0217
rs225316	C	-0.0267
rs146583994	A	-0.1495
rs113189824	T	-0.1014
rs13048203	T	0.0247
rs450090	T	-0.032
rs7283555	G	0.0277
rs1735894	A	0.0448
rs112832954	G	-0.1354
rs233232	C	-0.0286
rs4818773	A	0.0304
rs78570444	G	0.0562
rs11088240	C	-0.0231
rs74571767	C	0.0926
rs2012081	A	0.0372
rs162397	T	-0.0634
rs56093006	T	-0.102
rs71330155	A	-0.0387
rs13050920	T	0.0384
rs73187945	G	0.0801
rs34611453	C	0.0671
rs466568	C	0.0234
rs62223026	G	0.0483
rs114757228	G	-0.0772
rs9977002	A	-0.0317
rs8133053	C	-0.0251
rs8128578	A	0.0437
rs2848946	G	0.0246
rs2834374	G	-0.0232
rs78150818	T	0.1689
rs112946313	A	-0.0764
rs2822940	T	-0.0287
rs11088984	C	0.027
rs2822850	T	-0.0423
rs17644622	G	-0.0709
rs73180109	A	0.037
rs2834146	A	-0.0335
rs7282726	T	-0.0227

rs13052056	A	0.0312
rs12482188	C	0.0394
rs11088302	G	-0.021
rs76330225	T	-0.0918
rs12482723	C	0.0612
rs139617441	G	0.1329
rs113430952	A	-0.1223
rs59507442	C	0.0364
rs117556573	G	-0.0977
rs2837994	A	-0.0318
rs147160609	A	0.1056
rs2837471	T	-0.024
rs66932133	A	0.0249
rs145426760	A	-0.0881
rs76275866	C	-0.0916
rs7278838	A	0.0242
rs148961952	G	0.0844
rs386445	T	0.0221
rs9976620	A	0.0212
rs75140793	A	0.0868
rs13047590	T	-0.0412
rs2827144	C	-0.0326
rs2299789	G	0.1118
rs8133949	T	-0.0234
rs112111177	A	0.0544
rs7283026	C	0.0309
rs62211696	T	0.0502
rs12626831	A	-0.0252
rs2825645	A	0.0224
rs140569274	T	0.0372
rs17240640	A	-0.1529
rs77832772	T	-0.1103
rs468607	T	0.0213
rs76698352	A	-0.0398
rs1892679	T	-0.0209
rs9974136	T	-0.0218
rs117127021	C	-0.0935
rs220216	T	-0.0257
rs113187788	G	-0.1116
rs79727805	C	0.0774
rs73899864	G	-0.0386
rs2776365	T	0.0229
rs4816998	G	-0.0259
rs41277552	G	-0.1502
rs2835433	T	-0.0221
rs445088	C	0.0495
rs2836356	T	-0.0215

rs456309	T	0.061
rs2269127	A	-0.0282
rs113457511	T	-0.0311
rs17827195	C	0.0434
rs7278824	A	-0.0368
rs118155204	G	0.123
rs2822690	T	0.0316
rs117369437	G	-0.1456
rs117601587	A	-0.1015
rs73213797	A	0.0956
rs146977834	G	0.1705
rs113837390	A	-0.062
rs73179944	C	0.174
rs8133547	G	0.0406
rs117076206	A	0.0808
rs9978558	G	0.0839
rs58206891	G	0.0257
rs11702740	C	0.0446
rs220231	T	-0.0223
rs1888420	T	-0.0227
rs2839642	T	0.0213
rs62221628	C	0.0277
rs79701370	G	-0.0615
rs62216507	C	0.0279
rs2827824	C	0.0258
rs118004258	T	-0.075
rs73210116	T	-0.1086
rs2838063	C	0.0246
rs67443586	T	-0.0457
rs2205301	G	0.0244
rs117414124	G	0.0871
rs9808781	C	-0.0237
rs4148122	A	-0.0753
rs2154730	T	0.0677
rs2078203	A	-0.0251
rs235286	G	-0.0288
rs463397	T	-0.0308
rs78850081	G	0.1268
rs580140	G	-0.0241
rs55904615	A	-0.0438
rs17652514	T	0.1079
rs77447180	T	0.0707
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rs62208528	T	0.0281
rs151291775	T	-0.1103
rs9979067	T	0.0266
rs147730115	A	0.0929

rs117790364	A	-0.1861
rs62211040	G	0.0933
rs9305743	A	-0.0482
rs417462	A	-0.0256
rs2837422	C	-0.033
rs60307464	C	0.0361
rs80158495	C	-0.092
rs17548349	A	0.1113
rs78331859	C	-0.1034
rs76449969	G	0.0875
rs144036866	A	0.1108
rs2834325	A	-0.0217
rs118123583	C	-0.1085
rs117569301	G	-0.1929
rs145298316	A	0.1756
rs2826476	A	0.0886
rs60905982	C	-0.0295
rs9981043	A	0.0248
rs768832	C	0.0256
rs149508210	C	-0.1573
rs2836336	A	0.0243
rs62214459	G	-0.0218
rs17004421	G	0.0626
rs147695960	A	0.1128
rs8134558	G	-0.0431
rs2823016	C	0.0443
rs436782	G	0.1367
rs117038367	C	0.1064
rs79898088	T	-0.1043
rs61735794	T	0.0659
rs80013162	A	-0.1052
rs17175686	C	-0.1209
rs73203809	G	0.0356
rs140400131	T	0.0816
rs2154526	C	0.0204
rs3018511	T	0.0227
rs73197345	A	0.0296
rs141080391	T	-0.1078
rs13048722	C	-0.0315
rs9978161	T	0.0253
rs78596335	A	0.0916
rs58326031	C	-0.027
rs9976484	T	-0.0917
rs2824703	A	-0.0256
rs2830784	T	0.0296
rs4817705	A	0.0662
rs1537112	T	0.0317

rs73184063	C	0.0623
rs118043025	A	-0.0924
rs13050202	A	-0.0379
rs12483381	G	0.0549
rs73228973	A	-0.0471
rs243563	G	-0.03
rs10488908	T	-0.0533
rs34189838	A	-0.0271
rs73205057	A	-0.1022
rs78217567	C	-0.06
rs73201053	G	0.0304
rs9977563	C	-0.0227
rs117676362	A	-0.0966
rs62214330	C	0.1005
rs78520472	A	-0.0954
rs9985030	A	0.0355
rs2837467	T	-0.031
rs956645	T	0.1308
rs2834628	C	0.034
rs239053	T	-0.0209
rs73355071	C	0.0627
rs2254456	G	-0.0247
rs117085041	C	-0.0481
rs2829390	A	-0.02
rs73220820	C	0.1472
rs546078	T	-0.0231
rs138153125	A	-0.1624
rs464201	A	-0.0251
rs7277309	C	-0.0511
rs75003089	T	0.092
rs2834022	G	0.024
rs142554955	G	-0.1623
rs73358379	A	0.0526
rs28676806	C	-0.0413
rs9975884	T	-0.0207
rs243585	C	-0.0276
rs9983581	G	-0.0565
rs1539763	T	0.0955
rs1046769	G	-0.0478
rs4816713	T	0.0287
rs73231955	C	0.0435
rs9981503	T	-0.038
rs9980351	T	0.0332
rs79848323	C	-0.0746
rs148340219	A	0.056
rs9979868	T	0.0576
rs77711650	C	0.0848

rs9305542	C	0.0278
rs142825942	T	0.0852
rs117579498	T	0.0929
rs79545715	C	-0.04
rs11700403	A	0.0397
rs140885503	G	0.0802
rs117094541	C	0.1798
rs10154196	A	0.0296
rs141547866	G	0.1052
rs6517630	T	0.118
rs62209511	T	0.0684
rs62213042	G	-0.0411
rs9974222	C	-0.0281
rs8134327	T	0.0296
rs368269	T	-0.0226
rs12482859	A	-0.0407
rs138076668	T	-0.1034
rs45559732	C	-0.0412
rs2827158	G	0.0481
rs78681915	G	-0.1098
rs35940083	G	-0.0722
rs117003135	G	0.1084
rs117959686	T	0.136
rs12626275	A	-0.0355
rs117830410	C	-0.1189
rs1788314	G	-0.0611
rs73373489	A	-0.1424
rs2824442	G	0.0252
rs6517789	A	0.0313
rs218635	G	-0.025
rs2823036	C	0.037
rs883471	G	-0.043
rs11908739	C	-0.0384
rs9974920	A	-0.0333
rs11700602	A	-0.0299
rs112492490	G	0.0416
rs147585788	C	0.1229
rs2837763	T	-0.0203
rs10775651	A	0.0247
rs141048045	G	-0.1561
rs78780621	C	0.099
rs11910455	A	-0.0335
rs2834418	T	-0.0266
rs2828869	T	0.0375
rs74960232	T	0.0701
rs73423947	C	0.1208
rs145564845	T	-0.0793

rs143652199	T	-0.1072
rs139797684	G	0.1119
rs8127811	A	0.0359
rs12627131	A	0.0229
rs78426270	C	0.0846
rs2837455	A	-0.0195
rs2826352	T	-0.0222
rs73159764	A	-0.0961
rs73328891	G	-0.0421
rs2849714	C	0.0334
rs9977642	C	-0.1178
rs9981547	A	-0.0208
rs1005609	C	-0.0773
rs150778308	A	0.1221
rs73140352	C	0.0928
rs12483210	C	0.0202
rs139470995	T	0.0841
rs140315848	T	0.1439
rs75967196	T	0.0544
rs142901667	A	-0.0431
rs28422173	G	-0.0254
rs12627725	G	0.0384
rs113222084	T	0.1067
rs35796750	C	0.0226
rs77420417	A	-0.0918
rs6517709	G	0.0244
rs17180326	C	0.0548
rs2838522	C	-0.0229
rs73228129	T	-0.0936
rs17001492	C	0.0381
rs11701486	G	0.0936
rs117022633	C	0.1074
rs16990416	C	-0.0577
rs9975831	C	-0.0224
rs117674297	A	0.0488
rs117561731	G	-0.0859
rs11087866	A	0.0197
rs7510515	C	-0.0247
rs2834915	C	0.0264
rs111477837	T	-0.1312
rs2833284	T	0.0289
rs741802	T	-0.0208
rs914244	T	-0.0764
rs2268293	C	0.0248
rs9982678	T	-0.0377
rs12482763	C	0.0253
rs117348038	G	-0.1576

rs1534080	G	0.019
rs17555605	A	0.0675
rs13049966	T	-0.1213
rs2826550	G	-0.0211
rs117117044	C	0.112
rs76750953	G	-0.0607
rs2832343	T	-0.065
rs1869770	T	-0.044
rs28446860	T	0.0437
rs7275471	G	0.0485
rs55713305	G	-0.0795
rs76554453	T	0.1035
rs211959	A	0.0258
rs2276205	G	0.0367
rs17561661	G	0.1349
rs17768485	T	-0.0306
rs2205321	A	0.0287
rs71319649	G	-0.0269
rs17000804	G	0.0565
rs74865278	T	0.041
rs17770114	G	0.1216
rs2832399	A	-0.0418
rs2268251	T	0.0347
rs79988155	G	0.0854
rs71319655	G	-0.0494
rs12152000	G	0.0382
rs118001816	T	-0.0781
rs554781	T	0.0366
rs113047164	C	-0.0718
rs17824585	G	-0.0525
rs150887099	C	0.0546
rs143909090	A	-0.0721
rs13047839	T	0.0691
rs4819317	C	-0.0288
rs75761456	T	0.0887
rs113316547	T	0.0671
rs73218417	G	-0.0307
rs62220727	A	-0.0413
rs36019198	G	0.0599
rs55798478	A	-0.1403
rs220284	A	0.0204
rs112680881	T	-0.0696
rs62214257	C	0.0973
rs150464942	G	0.1105
rs228039	T	-0.0258
rs1491785	C	0.0246
rs147931125	G	0.1272

rs2212808	T	0.0209
rs62216228	C	-0.0321
rs13046586	T	-0.0301
rs74934752	A	0.0575
rs11701532	G	0.0414
rs7284012	G	0.0404
rs71317431	T	-0.0421
rs11203182	A	0.0388
rs34441189	C	0.029
rs67952232	T	0.0822
rs741793	T	0.0227
rs118100561	C	0.1233
rs78496068	A	-0.0448
rs75924460	G	-0.0531
rs9974854	G	0.0244
rs77485256	A	-0.0497
rs75928535	A	-0.0458
rs2827639	T	0.0191
rs78112539	A	0.0644
rs116867165	C	0.1128
rs13052223	A	-0.0239
rs146978161	A	0.0967
rs114698762	C	0.0784
rs62228688	G	-0.1628
rs17780089	G	0.0754
rs117436952	T	-0.0712
rs9981248	G	-0.1308
rs116866410	G	-0.1935
rs73201071	C	-0.0671
rs11701167	C	0.0656
rs117854939	C	-0.1555
rs118165701	A	0.0932
rs60371390	T	-0.0378
rs111622711	A	0.0932
rs36066597	T	-0.0658
rs7283245	T	-0.0452
rs75951347	A	-0.0824
rs113596853	A	0.0541
rs965494	T	-0.0197
rs55854621	A	0.0891
rs71326335	G	0.1067
rs117165655	T	0.0795
rs2825940	C	-0.0332
rs143655461	A	0.0496
rs144970687	A	-0.1117
rs56239694	C	0.0909
rs73177941	T	0.119

rs67617301	C	-0.0248
rs58017672	G	0.0272
rs115970838	C	0.0427
rs73202262	G	-0.0864
rs146663	A	-0.0712
rs73906818	C	-0.0387
rs76754185	T	0.023
rs9305343	C	-0.0282
rs59080254	A	-0.0911
rs17778774	C	0.0373
rs62210260	A	-0.0373
rs111447236	A	0.0929
rs74644264	T	0.0681
rs76818884	T	-0.132
rs35529757	G	0.0284
rs219715	T	-0.0365
rs143377432	T	0.1213
rs9974512	A	0.0248
rs80225292	A	-0.0409
rs56393630	A	0.023
rs78577734	T	0.036
rs11702663	C	0.0249
rs7509790	A	0.0211
rs2154499	G	0.0357
rs2236431	C	0.0185
rs112938967	T	-0.112
rs9305406	G	-0.0246
rs59004308	A	0.0284
rs975527	A	-0.0244
rs2837295	T	-0.0197
rs118038993	G	0.0575
rs117428310	G	-0.0347
rs62224164	T	-0.0503
rs77352021	C	0.0583
rs2829841	T	0.0274
rs145088931	G	-0.0983
rs74910411	T	0.0702
rs73231967	C	-0.0387
rs138128685	C	0.0755
rs1354484	A	0.0199
rs873556	T	0.0301
rs147812002	T	0.1138
rs2226741	G	0.0244
rs75815068	G	0.1081
rs2105752	C	0.0192
rs228102	C	-0.0331
rs117121380	A	0.0849

rs1074741	G	-0.0195
rs117742706	G	-0.0832
rs73193466	C	-0.0256
rs116903045	A	0.0661
rs78353384	G	0.0755
rs9974785	A	-0.0231
rs8133010	C	0.0211
rs116932188	A	-0.1461
rs460166	A	0.0541
rs117473978	G	-0.0928
rs77150091	T	-0.0331
rs9977895	T	0.0329
rs62213046	G	-0.0528
rs56084865	C	0.047
rs4818064	G	0.0482
rs147578983	A	-0.1109
rs76731642	C	0.0837
rs12626835	T	-0.0213
rs13052919	G	-0.0315
rs73205634	A	-0.0613
rs6517605	T	0.0197
rs413650	G	0.0191
rs881837	A	-0.0251
rs631800	G	-0.0296
rs71317620	A	-0.1243
rs376727	G	0.0691
rs117939917	T	0.0517
rs117238814	G	0.0891
rs34477092	T	0.0335
rs73200434	T	-0.0512
rs73227507	G	-0.1105
rs113660079	G	-0.0661
rs35644070	G	-0.0344
rs13049048	C	-0.034
rs146403452	C	-0.0715
rs149808498	A	0.1897
rs8127581	C	-0.021
rs234786	T	-0.0294
rs11911918	G	-0.0794
rs78922170	C	0.0884
rs117997335	G	0.0837
rs17002691	T	-0.1466
rs2833549	G	-0.0198
rs2705663	C	0.0368
rs71322544	C	-0.0534
rs9917529	T	0.0192
rs2834459	T	-0.0256

rs145324003	C	0.0711
rs11910399	G	0.0243
rs2835809	G	0.0267
rs77866464	C	-0.1168
rs117378390	T	0.0695
rs8131129	A	0.0426
rs58184359	C	0.0249
rs74542714	G	0.0415
rs116971322	G	0.098
rs77401994	T	-0.1381
rs139289059	A	-0.1164
rs2837631	G	0.0189
rs75157971	T	0.1038
rs112798876	A	-0.0704
rs117207578	T	0.1538
rs28628624	T	-0.0454
rs2837948	G	-0.0194
rs766242	T	-0.0376
rs73208162	A	-0.042
rs12481734	C	0.0541
rs2822731	G	0.0259
rs956147	A	-0.0229
rs138543152	T	-0.0251
rs8126838	T	0.0234
rs144043692	A	0.0978
rs12185810	T	0.0593
rs62217278	T	0.0264
rs150054000	T	-0.1504
rs8128415	G	-0.0267
rs73360100	C	-0.0241
rs2839567	G	-0.0186
rs117225704	C	0.0859
rs9980655	A	-0.0862
rs112704798	T	-0.0426
rs2835788	G	0.0315
rs116931294	A	-0.0887
rs145121764	A	-0.1015
rs80179792	C	-0.0514
rs71323841	G	-0.0595
rs78826164	A	-0.1381
rs56104336	A	-0.1086
rs143170910	T	0.0865
rs111961012	T	-0.1573
rs2739389	G	0.02
rs56035786	C	0.0434
rs972136	T	-0.0202
rs1475893	A	-0.0226

rs112335247	A	-0.0402
rs76444470	A	0.0906
rs743446	A	-0.0175
rs2253319	T	0.0202
rs2239386	C	-0.027
rs17004695	C	0.046
rs9977191	T	0.0336
rs57465959	A	0.0192
rs35353717	T	0.0487
rs147421162	A	0.0698
rs144071965	C	-0.1389
rs76938490	A	-0.0198
rs2830790	A	0.0407
rs2251854	G	0.0187
rs113493775	C	0.0979
rs112239383	T	0.0761
rs141632640	T	0.128
rs79018575	C	0.021
rs34092958	C	0.0183
rs117214167	A	0.0475
rs2836808	C	-0.0304
rs7275720	A	-0.018
rs80334838	A	0.0676
rs233326	T	-0.0228
rs8132500	A	0.0528
rs8130352	A	-0.0195
rs1131668	A	0.0207
rs2839098	G	0.0241
rs2256038	A	0.0188
rs73203284	G	0.0339
rs118036297	T	0.1083
rs4816846	T	-0.0185
rs117995578	T	0.1189
rs117105871	G	0.0963
rs235950	T	-0.0241
rs2833382	A	0.0233
rs55744933	A	0.0437
rs1783421	T	-0.0198
rs114189767	A	0.0488
rs1547357	T	0.0265
rs2834731	C	-0.0293
rs4818096	T	0.0181
rs1552465	A	0.0424
rs12152093	G	-0.0265
rs8130303	T	0.091
rs117184761	T	0.1147
rs11702483	T	-0.1509

rs2834442	T	-0.0184
rs149786	A	0.02
rs7281256	T	-0.0382
rs2835146	A	-0.0617
rs2836747	G	-0.0179
rs8133419	G	0.0298
rs11700755	G	0.0206
rs75323187	T	0.0766
rs2837554	A	0.0338
rs17210156	A	-0.0303
rs2407726	A	0.0218
rs34478608	T	0.0311
rs205697	C	-0.0359
rs117692657	C	0.0874
rs3753016	T	-0.0257
rs9637091	A	0.0582
rs144263702	A	-0.1572
rs7281740	A	-0.1221
rs465883	C	0.0241
rs1076843	T	-0.0206
rs2824684	G	-0.0267
rs118034967	G	0.0545
rs77444076	A	-0.0378
rs148192567	C	0.1662
rs73220462	A	0.0943
rs9982898	A	-0.0384
rs724732	C	0.0376
rs7280633	T	0.0193
rs13049548	G	0.0744
rs217037	T	0.0198
rs7275764	T	0.0348
rs78792999	A	0.0292
rs72502205	T	0.0422
rs162348	T	-0.0233
rs117989670	A	0.1427
rs138342048	C	-0.1169
rs2837752	T	-0.0291
rs13051164	A	-0.0574
rs2836195	T	-0.0597
rs55757646	C	-0.0208
rs57453491	C	0.0842
rs59181232	A	-0.0607
rs9975076	T	0.0433
rs146340478	T	0.1059
rs147275608	C	-0.0682
rs11700708	T	0.0304
rs9983689	A	-0.0242

rs1003030	G	-0.0328
rs9982310	G	-0.0177
rs9325610	A	0.0705
rs1209949	A	0.0241
rs138963748	T	-0.1246
rs2834767	T	0.0201
rs77287961	A	0.078
rs11701582	A	-0.0231
rs2838088	T	0.0228
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rs191889	A	-0.0453
rs2824978	T	0.0984
rs112933700	G	-0.0621
rs117074184	T	-0.0794
rs76334526	G	-0.0332
rs13048967	C	-0.0672
rs139768222	T	-0.1012
rs234784	T	0.0202
rs1688182	A	-0.0222
rs2828785	T	0.0203
rs28754722	G	0.0239
rs2831006	T	-0.0218
rs220112	C	0.0332
rs17498154	C	-0.0298
rs1734920	T	0.0182
rs17274058	T	-0.0524
rs111497912	A	0.0605
rs117850867	T	-0.1071
rs116929178	A	0.0827
rs113265490	C	-0.1171
rs118084125	A	0.0978
rs117550365	G	0.0858
rs1974381	T	0.0305
rs112738490	T	-0.1034
rs2826851	G	0.0196
rs116877439	T	-0.0457
rs67216626	G	-0.0261
rs2836316	T	-0.0196
rs117786385	A	0.0592
rs140948775	C	-0.1207
rs77581220	T	-0.0649
rs138457970	G	-0.1164
rs1981365	T	0.0173
rs13051967	C	-0.0388
rs73209833	C	0.1102
rs73384614	C	-0.071
rs74338794	T	0.0299

rs28437907	C	0.0696
rs139439630	A	-0.138
rs11911490	G	0.0246
rs71330189	A	-0.0329
rs7276139	A	0.0971
rs13047901	T	0.0228
rs3827236	G	0.0207
rs112268912	T	-0.0893
rs73229369	T	-0.0521
rs73210199	A	0.1115
rs8130187	C	0.0592
rs9982394	T	0.0205
rs73159459	G	-0.0333
rs141462891	T	0.1052
rs2828060	T	0.018
rs74404628	T	-0.0472
rs76540594	G	-0.09
rs388034	G	0.0487
rs8133356	G	0.0253
rs222151	T	0.0206
rs79083717	T	0.0618
rs116935839	A	0.0873
rs4816388	C	-0.1354
rs4501026	C	0.0267
rs79904875	T	-0.074
rs510170	A	0.0257
rs79624698	G	0.0849
rs9978056	T	-0.0211
rs117450747	C	0.0635
rs80246208	A	0.07
rs79926407	C	-0.0512
rs9983727	A	0.0347
rs2835975	G	-0.0169
rs1041868	A	0.0218
rs243577	A	-0.0502
rs466013	A	0.0172
rs117835226	G	0.0579
rs113963380	A	0.0943
rs17208913	C	-0.0677
rs2739526	T	-0.0201
rs8131901	A	-0.0179
rs2830242	C	-0.0284
rs112621923	C	0.1043
rs62222675	A	0.0585
rs13052580	G	-0.0347
rs73200767	G	0.1225
rs2833136	C	0.0539

rs73216074	A	-0.0845
rs17701811	T	0.0179
rs845682	G	-0.0316
rs79144429	G	0.0725
rs1236102	T	-0.0183
rs858027	A	-0.0335
rs80273585	T	-0.0437
rs2835251	C	0.027
rs62220106	C	-0.0661
rs76747009	G	-0.0809
rs4148123	A	0.0176
rs13048825	G	-0.0182
rs116886122	T	0.0762
rs74331866	G	0.0524
rs73898554	T	-0.0889
rs118087975	G	0.1056
rs17766525	C	-0.0628
rs56027221	G	0.075
rs2242897	A	0.044
rs11701732	T	0.0199
rs66820219	C	0.0362
rs8129440	A	0.0239
rs7278654	A	0.0302
rs117624526	A	-0.022
rs7282132	T	-0.0224
rs4637211	A	0.0315
rs219792	A	0.032
rs8134385	A	-0.0339
rs112685337	T	0.0644
rs34422088	C	0.0594
rs74727741	A	-0.0307
rs4284910	A	-0.0201
rs7277403	T	0.0604
rs13052394	A	0.0312
rs2014474	T	-0.0221
rs2835344	T	-0.0203
rs2836778	T	-0.0181
rs113093872	T	-0.0563
rs202416	T	-0.1091
rs2073354	T	-0.0308
rs9981625	C	-0.0196
rs116882059	A	0.091
rs144756768	G	0.0691
rs2836399	T	-0.018
rs3909844	G	0.0168
rs71317486	G	0.0637
rs148298484	G	-0.0731

rs76564173	T	0.0608
rs62218270	C	-0.0535
rs116287707	A	0.0582
rs2823968	T	-0.0262
rs13051127	G	0.0338
rs60617744	G	0.0235
rs112168739	G	-0.1284
rs13433429	A	0.0239
rs144268547	T	0.1022
rs12483266	A	-0.0206
rs1041735	G	-0.0181
rs2234718	G	-0.0196
rs115382496	A	-0.0268
rs9982177	G	-0.0241
rs9306102	C	0.0206
rs2838763	T	0.0198
rs145957872	A	-0.0442
rs2155960	A	-0.0187
rs2826838	T	0.0241
rs2825744	A	0.0527
rs2051382	C	0.0188
rs4816393	C	-0.0321
rs6586242	A	-0.0251
rs7277568	T	-0.0221
rs117698347	G	-0.1205
rs9979712	T	-0.0492
rs79148744	A	0.0419
rs148119908	A	0.0959
rs9974590	T	0.0336
rs2178849	G	0.0424
rs2836005	C	-0.0406
rs75433365	T	-0.0893
rs28526702	T	-0.018
rs11909247	C	-0.0318
rs79912268	A	0.0896
rs62232377	A	0.0189
rs78816007	G	0.1067
rs17176576	A	0.067
rs62226370	A	-0.0778
rs2827676	T	-0.0252
rs202855	G	-0.0234
rs9979205	T	-0.0498
rs71329096	G	-0.0501
rs142772281	C	-0.0892
rs8132079	A	0.0229
rs2154733	A	-0.027
rs13047746	C	0.0995

rs62219738	T	0.0445
rs9983017	A	0.0512
rs73215384	T	0.0527
rs2830215	C	-0.0355
rs235263	A	0.0439
rs8128168	A	-0.0469
rs2826581	G	0.0205
rs117913461	A	0.0715
rs8132279	G	0.0525
rs7277189	C	0.0206
rs73196350	A	0.0716
rs16993196	A	-0.0264
rs138243295	A	-0.1041
rs140703020	T	0.1323
rs2838029	A	0.0248
rs74423429	A	-0.087
rs73322918	G	0.0573
rs7277829	G	0.0281
rs57944973	G	0.0271
rs2056890	T	0.0362
rs67493200	T	-0.0291
rs71318580	A	0.1319
rs73322065	T	-0.0365
rs118012573	A	-0.0874
rs62213413	G	0.0678
rs118151685	A	-0.0758
rs2830048	G	-0.0174
rs17536311	T	-0.0446
rs2178832	G	-0.018
rs714983	G	0.0352
rs140106462	A	0.1108
rs149287370	C	0.0733
rs12483482	C	-0.0254
rs112560994	T	0.116
rs6517965	G	0.0616
rs75622434	A	-0.0802
rs78071757	G	-0.0557
rs62209067	A	-0.1147
rs148289698	G	0.1406
rs2833099	T	-0.0238
rs447184	T	0.0248
rs77696019	G	-0.0525
rs7279935	A	0.0193
rs117244583	C	0.1079
rs73211971	T	-0.0706
rs77189961	A	-0.053
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rs74432937	A	0.0312
rs7278659	A	0.0463
rs62213026	T	-0.0227
rs1653110	T	-0.0167
rs73208392	T	0.0286
rs76159875	G	0.0859
rs2096826	A	0.0339
rs11910293	A	0.028
rs2834185	T	0.0171
rs11088544	C	0.0177
rs1981328	A	-0.0305
rs34304022	A	-0.0202
rs2251134	C	-0.0177
rs77600076	C	-0.0576
rs2284967	C	-0.019
rs117196567	A	-0.041
rs80081051	G	-0.0462
rs4405831	G	-0.0166
rs28370333	G	0.1009
rs62209924	A	-0.0713
rs408654	T	0.0178
rs117890694	A	0.0375
rs17664292	A	0.0389
rs13051481	G	0.0285
rs148407022	T	-0.0625
rs2828969	T	0.0182
rs73152893	A	-0.0237
rs73409393	C	-0.0274
rs117487557	A	0.0902
rs117146360	C	0.0714
rs10483010	A	-0.0308
rs2836890	A	-0.0658
rs28571658	G	0.0351
rs62222396	A	-0.0487
rs7282528	T	-0.0176
rs76531454	T	-0.0384
rs8130638	C	0.0169
rs2212926	A	-0.0258
rs73143664	T	0.0945
rs144530109	G	-0.0683
rs13049545	T	0.0207
rs2824104	C	-0.0326
rs115307854	T	0.0798
rs77354424	A	-0.0987
rs2836885	C	-0.0304
rs11701031	A	0.0828

rs116967324	C	-0.0955
rs73208111	C	0.0626
rs144326496	A	0.0789
rs4920123	T	0.0186
rs13048344	C	0.0178
rs73221364	A	-0.0308
rs9979420	G	-0.0175
rs2834273	G	-0.0273
rs2823021	A	-0.0198
rs117199601	C	-0.1072
rs225360	A	0.0167
rs4816452	A	0.0162
rs76201157	T	-0.1124
rs79515188	T	-0.0501
rs117386511	A	0.1035
rs142338807	G	0.0755
rs141194099	C	-0.0527
rs151084116	T	0.0937
rs1699663	G	0.0198
rs77148589	A	0.108
rs7280342	T	0.0633
rs116957430	T	0.0617
rs117352302	C	0.0675
rs117660898	A	-0.0826
rs9636890	A	-0.0178
rs117688271	A	-0.0812
rs146538482	G	-0.103
rs71330676	C	0.0379
rs1602549	A	-0.0167
rs8129829	C	-0.0229
rs539330	A	0.0435
rs116898685	T	0.0767
rs2836349	T	0.0182
rs7276250	T	-0.0363
rs9637196	A	0.0479
rs9980650	A	-0.0222
rs34181940	C	0.0515
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rs74592564	C	0.0474
rs2150433	C	-0.026
rs117373369	T	-0.0638
rs113294282	A	0.097
rs117626152	G	-0.1036
rs41417546	A	0.0806
rs143934956	A	-0.0711
rs13051482	A	0.0238
rs142324737	C	0.059

rs75484953	T	0.0805
rs35621437	A	-0.084
rs73157764	C	0.0295
rs450808	T	-0.0217
rs8133564	C	0.0167
rs79810257	T	-0.1367
rs116345940	T	-0.0932
rs9983044	G	-0.079
rs12627019	T	-0.0499
rs74924059	A	0.074
rs75220949	T	-0.0996
rs2836339	T	-0.0262
rs34125228	A	-0.0265
rs2142239	C	-0.0163
rs150355227	T	-0.1262
rs35525256	T	0.0274
rs62207657	A	0.084
rs1003262	T	-0.0168
rs202858	C	0.0185
rs2824851	A	-0.0741
rs2828468	G	0.0163
rs6518184	G	-0.0212
rs79460499	A	-0.0841
rs8175315	G	-0.09
rs73210239	T	0.0226
rs10211937	C	0.0241
rs79911212	A	-0.112
rs2828578	A	-0.0273
rs2835938	A	0.0546
rs12482052	T	0.0236
rs73223210	C	-0.0351
rs34654686	C	0.0684
rs28385569	A	-0.022
rs2825968	T	0.0164
rs2834318	G	-0.0189
rs9985027	G	-0.0606
rs2017196	G	-0.0249
rs62222912	T	-0.0667
rs2776341	A	0.0161
rs2838103	C	-0.0186
rs117848277	C	-0.0437
rs62212891	T	0.027
rs78427952	C	-0.0364
rs143847567	T	0.1314
rs112463207	A	-0.0738
rs34351616	G	0.0473
rs10222203	T	0.0886

rs2824414	G	0.0187
rs4817959	T	0.0218
rs2017879	G	0.0736
rs12329683	G	-0.0379
rs7275327	T	-0.0948
rs113370619	T	-0.0508
rs73177992	T	-0.0251
rs13046542	A	-0.1136
rs9982936	T	-0.0363
rs208900	T	-0.0613
rs13047502	G	-0.0454
rs117866651	G	-0.0941
rs111963209	C	-0.1141
rs2284601	C	0.0293
rs8130020	T	0.0158
rs146497226	T	-0.0961
rs145031622	C	0.0628
rs118120536	T	-0.0417
rs13049891	T	-0.0334
rs62216003	C	-0.027
rs73894753	G	-0.0596
rs928834	A	0.0305
rs57799339	A	0.0645
rs12627387	A	0.0208
rs2643075	A	0.0375
rs12483476	C	-0.0312
rs9984981	G	-0.0691
rs2834810	T	-0.0463
rs73900194	C	0.0343
rs73220360	C	-0.0239
rs75101465	A	0.0966
rs77885268	G	0.0569
rs9980405	A	-0.0428
rs118176817	G	-0.0641
rs73238101	T	0.078
rs2298363	C	-0.0199
rs116954548	C	0.0366
rs73223569	A	-0.0743
rs61750208	A	0.0822
rs2826492	A	-0.0236
rs2299757	C	-0.0291
rs58456192	G	0.0204
rs2253204	T	-0.0209
rs150961898	A	-0.0929
rs10775660	T	0.023
rs138148293	A	0.0796
rs2294161	C	0.025

rs115213097	A	0.0417
rs9305399	A	0.0233
rs138294314	C	-0.1026
rs7276413	C	0.0489
rs62214185	G	-0.0296
rs73198415	T	-0.0817
rs13052942	T	0.0461
rs146698426	A	0.1371
rs7283186	T	0.0428
rs73226689	G	-0.068
rs8126578	A	-0.0429
rs147728338	A	-0.0717
rs117317625	A	-0.024
rs998490	T	-0.0703
rs78002269	C	0.0925
rs3788164	C	0.0287
rs2407727	C	0.0185
rs117167576	C	0.1109
rs8128271	A	0.0307
rs466609	G	-0.0254
rs368549	A	0.0246
rs78331949	A	-0.0751
rs117563469	G	0.0445
rs35223581	T	0.0441
rs75022181	T	0.0594
rs9974639	T	0.016
rs6517690	G	0.0335
rs6586287	C	0.0201
rs73227001	G	0.0852
rs34903168	G	0.0198
rs467653	G	-0.048
rs142183780	T	-0.0977
rs229406	G	-0.0169
rs74794515	A	0.0934
rs9974875	G	-0.0259
rs2836383	T	-0.0172
rs2017582	G	0.0279
rs35971295	G	0.0302
rs2826196	T	-0.0201
rs117262551	A	-0.1168
rs77554400	T	-0.0181
rs113816117	G	0.1477
rs1292586	C	-0.0203
rs62214748	T	0.0441
rs117177643	A	-0.1119
rs13433503	T	0.0471
rs466774	G	0.1062

rs111938828	T	-0.1034
rs113382956	C	-0.0231
rs2834617	C	-0.0194
rs117293260	C	-0.0454
rs11701435	A	0.0187
rs2836431	T	-0.0412
rs56339442	G	-0.017
rs148025112	A	-0.101
rs62236606	T	-0.0366
rs73362785	T	0.1025
rs117106392	C	-0.0721
rs9981988	T	-0.0157
rs117232091	T	-0.1477
rs117284168	T	0.0659
rs74660554	C	-0.0659
rs73156620	C	0.0307
rs12627113	G	-0.0204
rs13847	A	0.0227
rs6518157	T	0.0282
rs8130517	G	-0.0191
rs111960612	A	0.0926
rs117241021	A	-0.1036
rs7280399	A	-0.0214
rs8132631	T	0.0231
rs17606211	T	-0.0465
rs2835679	A	0.019
rs240467	C	0.0234
rs62240663	T	0.0837
rs77516687	C	0.042
rs2830201	C	0.0267
rs117076068	T	0.0466
rs9983457	T	-0.0194
rs73219499	A	0.1145
rs2026850	C	-0.0205
rs142882448	T	-0.1195
rs17209757	G	-0.0375
rs2096512	G	-0.0152
rs7279222	A	0.0148
rs80077519	C	-0.0277
rs1011764	G	-0.0249
rs12483294	T	0.028
rs143955227	C	-0.0938
rs4816565	G	0.0365
rs12627495	T	0.042
rs117059047	T	-0.0889
rs8132871	A	-0.0216
rs9974362	C	-0.0832

rs857996	A	-0.0252
rs80013596	G	0.112
rs74312370	T	-0.0445
rs144729058	G	0.0479
rs4819063	G	0.0208
rs9982143	T	0.031
rs144121281	A	-0.0776
rs76660435	T	-0.0846
rs144523980	A	-0.1302
rs61736857	T	-0.0304
rs12483713	T	0.061
rs9981805	G	-0.0405
rs2836845	T	-0.0285
rs116840870	A	0.0617
rs75421257	T	-0.0892
rs13052561	A	-0.0294
rs144880015	T	0.1043
rs141037872	T	0.0481
rs1701000	C	0.0171
rs9975594	T	-0.0173
rs62227249	A	0.1276
rs79022879	A	-0.0376
rs112425978	A	-0.04
rs139619852	T	-0.0666
rs111385192	T	-0.0582
rs79366430	T	0.0805
rs113780558	C	0.0381
rs7278964	C	-0.0165
rs9983489	C	0.018
rs78289373	A	-0.0824
rs2226446	A	-0.0159
rs77146622	G	-0.023
rs8127118	C	0.0159
rs914246	A	0.0206
rs4818030	A	-0.0292
rs73168384	A	-0.0478
rs386926	A	0.0256
rs1983538	T	-0.0298
rs56014194	T	0.1063
rs463839	T	0.0197
rs7276467	G	-0.0149
rs73225477	T	-0.0353
rs2826383	A	-0.0226
rs73231357	A	-0.0436
rs2833539	C	0.0158
rs13433498	A	-0.0261
rs75284700	T	0.0432

rs9979994	A	0.0153
rs2832474	G	0.0196
rs59418715	T	-0.046
rs77559741	T	0.0884
rs2834115	G	0.0176
rs10084578	T	0.1252
rs2828011	A	0.0588
rs2829154	C	-0.0465
rs11088289	A	-0.0167
rs7280462	A	0.0305
rs2253443	A	-0.0191
rs2835947	T	0.015
rs28542132	C	0.0284
rs75697303	T	-0.0486
rs62241785	T	0.0629
rs77425638	G	-0.0984
rs9917515	T	0.0349
rs73228313	T	0.0542
rs150826074	A	-0.0238
rs116887018	C	0.0548
rs8129564	G	0.0152
rs2826525	C	0.0325
rs723548	T	-0.0208
rs378690	C	0.0235
rs75647039	G	-0.037
rs12172913	G	-0.017
rs12482000	G	-0.0669
rs116934363	A	0.0596
rs13049301	T	-0.0205
rs2831374	A	0.0175
rs78279244	A	-0.0305
rs1810567	T	-0.0241
rs17605002	C	0.0827
rs79948662	C	0.0569
rs113898698	A	-0.0379
rs2178986	C	-0.0297
rs9975713	A	0.0158
rs111900836	G	0.043
rs2839024	G	-0.0207
rs73200245	A	0.0198
rs2831430	A	0.0287
rs17114213	A	-0.0595
rs2836031	C	-0.019
rs11911204	C	-0.0223
rs2830821	C	-0.026
rs4817521	G	-0.0174
rs35098678	G	0.0297

rs879489	C	-0.0615
rs11910467	G	0.0248
rs2406175	C	-0.0295
rs1123415	A	-0.0166
rs189649	G	-0.0454
rs2831609	G	0.0161
rs73199525	A	-0.0758
rs1735139	C	0.0399
rs79411283	T	-0.0578
rs8132555	A	-0.023
rs71326311	A	0.0239
rs151026796	C	-0.076
rs2829725	T	0.0162
rs138982656	T	0.0638
rs75601502	G	0.0309
rs2827182	T	-0.0311
rs9978523	A	0.0156
rs2824224	A	0.0146
rs141504388	T	0.1297
rs2826569	C	-0.0492
rs79638260	T	-0.0507
rs395584	C	0.0586
rs2835700	G	-0.0171
rs2828015	C	0.0195
rs79941884	T	-0.0456
rs66480327	T	0.016
rs140527637	G	-0.0711
rs1823704	A	-0.024
rs73192990	A	0.0246
rs17699341	T	0.054
rs143766774	C	-0.0959
rs28420434	C	0.0655
rs2300358	G	0.0165
rs56051401	C	0.0277
rs75823548	G	-0.0615
rs17208214	G	0.0753
rs2838958	G	-0.0166
rs673086	C	0.0177
rs2830720	A	0.0206
rs7280580	C	-0.024
rs2409842	T	-0.0439
rs873737	G	-0.0196
rs2824320	T	0.0153
rs9975012	G	0.0188
rs12627327	C	0.0385
rs242344	C	0.018
rs62217709	A	-0.0204

rs145087099	G	-0.0635
rs2836076	G	-0.0285
rs74862715	G	-0.0769
rs2825289	C	0.0185
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rs2409404	C	0.0507
rs7279815	A	-0.0325
rs78879377	T	-0.0939
rs12482500	C	-0.0208
rs116853534	A	-0.0654
rs2827388	G	0.027
rs1507397	A	-0.122
rs11088533	G	-0.0181
rs117529309	A	-0.1004
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rs142164918	A	0.1117
rs9976946	C	-0.0434
rs2849905	C	-0.0161
rs73229178	A	0.0745
rs2826664	C	0.0167
rs77569344	A	0.0236
rs2831753	C	0.0229
rs207007	C	-0.0225
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rs2217511	A	-0.0182
rs626865	T	0.0221
rs138533387	G	0.0895
rs59668379	G	0.0294
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rs78414392	T	0.0673
rs1981392	C	0.0149
rs57049018	T	-0.0158
rs74791982	C	0.0432
rs928761	T	-0.1146
rs724182	C	-0.0158
rs76351966	T	-0.0584
rs9981394	A	-0.0255
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rs116416605	A	-0.0245
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rs7277419	C	-0.0724
rs143921762	G	-0.0941
rs222971	A	0.0153
rs150970333	T	0.0689

rs111729652	T	-0.0532
rs35415894	T	0.0276
rs118044509	A	-0.0735
rs2839142	C	-0.0178
rs1897882	T	-0.0261
rs8129401	T	-0.0529
rs150450690	A	0.0992
rs2037986	T	0.0159
rs13050162	T	0.0428
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rs79632575	C	-0.0605
rs76400243	A	0.0296
rs13050790	C	-0.0153
rs1893331	T	0.0168
rs113760826	C	-0.0586
rs9975101	C	0.0257
rs117000754	T	-0.0584
rs17182601	A	-0.058
rs112982249	T	0.0233
rs73328369	G	-0.0502
rs117013995	A	0.0456
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rs140591960	A	-0.0781
rs76201496	C	-0.1195
rs2877001	A	-0.0289
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rs77224013	A	-0.0327
rs2828654	C	-0.0285
rs113356643	T	0.02
rs11701256	A	-0.0283
rs113477449	T	0.0767
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rs2026875	C	-0.0224
rs117382229	T	-0.0917
rs62235573	C	0.0882
rs59408274	G	-0.0452
rs117947962	G	0.0804
rs76051019	A	0.0458
rs9978519	A	-0.0448
rs35257433	G	0.0412
rs112778636	C	-0.075
rs232405	C	0.0202
rs4817000	C	-0.0155
rs7283765	G	-0.0136
rs1786017	C	0.0217
rs11700886	C	-0.015

rs2837835	G	0.0189
rs117408860	A	0.0713
rs144919188	T	0.0824
rs722192	C	0.0145
rs115146137	T	-0.0596
rs71319467	A	0.0858
rs13433469	A	-0.038
rs62226903	A	-0.0345
rs75882259	T	0.0883
rs11702515	T	-0.0462
rs9974959	A	-0.0149
rs8133141	A	0.0187
rs2825350	G	0.024
rs75791131	T	0.0488
rs117650092	T	0.0888
rs138643587	C	-0.0742
rs113110207	G	0.031
rs2833741	A	-0.042
rs16979358	T	0.0247
rs140319734	A	0.0508
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rs7281139	A	0.0338
rs239643	G	-0.0187
rs74708392	G	-0.0799
rs73355070	G	0.0158
rs17811387	C	-0.0881
rs1379661	G	-0.0216
rs76456485	G	-0.0601
rs2838283	T	0.0175
rs146548253	T	-0.0792
rs147627731	A	0.0583
rs118170932	A	0.0611
rs35399628	T	0.0258
rs2824762	T	0.0146
rs146322808	T	0.0222
rs730144	C	0.0211
rs13051169	T	0.0388
rs114653592	C	-0.0404
rs473348	A	0.027
rs143532661	T	0.1297
rs34828223	A	-0.0733
rs2826254	A	0.0204
rs2144203	G	-0.0284
rs11088947	C	-0.0189
rs78431215	G	-0.0241
rs138630068	A	0.048
rs2836643	T	-0.0306

rs11700819	A	0.0157
rs75263710	C	-0.1065
rs2826666	G	-0.0228
rs1943954	A	-0.0207
rs58181349	T	-0.0198
rs34194766	T	0.0593
rs58032873	G	0.0424
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rs2094885	T	0.0216
rs2822674	G	0.0294
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rs117790528	A	0.0644
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rs76811994	T	0.0841
rs116878716	A	-0.0527
rs7280160	A	0.0288
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rs225310	T	-0.0163
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rs34750873	G	-0.0361
rs143798894	T	0.0677
rs150615482	C	0.085
rs719216	T	0.0197
rs2824571	T	0.0148
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rs11909615	G	-0.0614
rs114187044	A	-0.0631
rs34621854	A	0.0137
rs73901260	A	-0.0832
rs2824286	A	-0.0138
rs9983506	A	-0.0199
rs73902984	G	0.0582
rs112771868	G	0.0668
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rs117196125	G	-0.0602
rs139447825	T	0.1317
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rs2827564	G	-0.0159
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rs2284552	T	-0.0168
rs1537098	A	0.0259
rs8134775	C	0.0169
rs2409530	T	0.0278
rs1554942	T	0.0169
rs141949236	T	0.0904
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rs1910623	G	0.0168
rs2244014	G	-0.014
rs7279035	T	-0.0167
rs144576991	T	0.121
rs62221272	C	0.0298
rs220271	C	-0.0171
rs2838255	C	-0.0274
rs1351017	T	-0.0188
rs1981390	G	-0.0133
rs79868848	C	0.0711
rs9976464	G	0.0176
rs2831652	G	-0.0495
rs7278303	C	0.0241
rs6517075	A	-0.0344
rs78840262	G	0.0598
rs28588677	T	0.0666
rs74570949	G	-0.0914
rs143504308	C	0.0419
rs963519	A	0.0209
rs114308	T	-0.0154
rs117115047	A	0.0511
rs743312	A	-0.0194
rs2142102	C	0.0214
rs458966	C	0.0136
rs80234615	G	0.0854
rs77503334	T	-0.0299
rs34139638	T	-0.0331
rs2230529	T	-0.0211
rs62207099	A	0.0265
rs11910692	G	-0.057
rs117504117	A	-0.0469
rs4817674	A	0.0149
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rs73213515	G	0.0876
rs141233043	A	0.0419
rs2836029	A	-0.0256
rs184432	G	-0.0143
rs76660124	T	-0.0456

rs76291974	A	0.0423
rs6516899	C	0.017
rs113223755	T	-0.038
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rs4817380	A	0.0136
rs1235344	A	-0.0135
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rs35270096	T	0.0519
rs17784886	C	0.0427
rs78886381	T	-0.0215
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rs16999381	A	0.0362
rs73194052	G	-0.0678
rs2839471	T	0.0133
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rs2103500	T	0.0133
rs35186535	A	0.0373
rs9808635	T	-0.0191
rs225405	T	-0.0141
rs2829211	A	-0.0221
rs117250045	A	0.085
rs6586230	G	-0.0132
rs113322934	T	0.0815
rs9680110	A	0.0222
rs16993109	A	0.0314
rs34769411	G	0.0649
rs17002345	T	0.0292
rs13049645	A	0.0168
rs2837912	C	0.0288
rs75190562	G	-0.0202
rs8132826	T	-0.0245
rs234713	A	0.0135
rs72635017	A	-0.0798
rs4148095	C	-0.031
rs116920244	A	0.1066

rs3901224	G	-0.0313
rs11701075	G	-0.0184
rs2205485	G	-0.0189
rs151172783	G	-0.0707
rs80233812	G	0.0396
rs7276358	A	0.0346
rs75501027	G	-0.0306
rs2834282	T	-0.0133
rs116869533	T	-0.0634
rs56000692	A	0.0405
rs764064	T	-0.0261
rs144314416	T	-0.0326
rs142360322	C	0.1063
rs116994951	A	0.0511
rs2826527	G	0.0156
rs12481908	A	-0.0806
rs117734985	A	-0.0648
rs73362403	C	0.0558
rs117707535	C	-0.0495
rs2833160	A	0.0293
rs860942	A	0.0275
rs13050076	A	-0.0545
rs367503	A	-0.0148
rs79634602	A	-0.0623
rs73197390	T	0.0523
rs11910439	C	-0.0146
rs73217906	C	0.0392
rs11089106	T	0.0148
rs7281611	C	0.0765
rs2073601	A	0.0133
rs2705573	T	0.0141
rs141819572	A	0.0652
rs2834819	T	0.016
rs2091891	G	0.0157
rs1943958	G	0.0343
rs142798356	T	-0.053
rs73348050	C	0.0241
rs79416128	A	0.0821
rs139466268	T	-0.0996
rs4919938	G	-0.019
rs2409890	A	-0.0171
rs9631213	C	0.0238
rs2826246	T	-0.0196
rs7281472	T	-0.0616
rs463068	T	0.0663
rs17002434	T	-0.0637
rs34720205	G	0.0125

rs75543228	G	0.0299
rs111510758	G	0.0418
rs79474433	G	0.054
rs73231998	C	0.0229
rs35619787	C	0.0192
rs7282310	C	-0.0191
rs1073524	T	-0.0491
rs997724	C	-0.0151
rs13052423	A	-0.0162
rs118065701	A	0.0711
rs117074130	A	-0.0488
rs2839639	G	-0.0135
rs4818740	T	0.0228
rs1571735	C	-0.0162
rs2284968	C	0.0148
rs112673863	A	-0.0724
rs9784210	A	0.0145
rs118097759	C	-0.0442
rs9981283	G	0.0221
rs8134060	A	0.0296
rs115188393	A	0.0715
rs8131115	C	-0.0206
rs78647992	G	-0.0898
rs61732501	T	0.0673
rs2836783	G	-0.0138
rs244131	A	-0.0141
rs73380242	A	-0.0559
rs77252874	C	-0.0199
rs117862714	A	-0.0479
rs73904471	G	-0.0652
rs7278695	G	0.0125
rs76596580	T	-0.0212
rs62221963	C	-0.0151
rs2839651	A	-0.0134
rs59555463	A	-0.0249
rs73206002	C	0.0623
rs74480977	T	-0.0462
rs17229685	A	0.0668
rs117174401	A	-0.084
rs1491654	A	-0.0132
rs35232855	T	-0.0479
rs7277991	T	-0.013
rs143261594	C	0.0388
rs77949600	C	-0.0268
rs62219627	C	0.0633
rs11702389	G	-0.0592
rs17227161	T	-0.0191

rs146597008	T	-0.0469
rs225322	T	0.0318
rs2838357	G	0.0204
rs404074	T	0.0168
rs9977258	G	-0.0121
rs117222694	G	-0.0911
rs117474463	A	0.0461
rs12482015	C	-0.0279
rs111948345	C	0.0838
rs9636638	G	-0.0767
rs4818985	G	0.0214
rs11203152	A	0.0242
rs2832757	G	-0.016
rs62216091	G	0.0202
rs1156253	A	0.012
rs1008556	T	-0.0155
rs76123258	A	0.042
rs148236982	T	0.0525
rs1882914	T	-0.0165
rs2826376	T	-0.0188
rs141532918	C	-0.0629
rs856171	T	0.0348
rs2827329	T	0.0162
rs9984081	G	0.0454
rs16996316	T	-0.0265
rs2776356	T	-0.0148
rs111821850	T	0.0594
rs62214233	C	-0.0194
rs8130714	T	0.0301
rs845933	C	0.0612
rs2834383	G	-0.0245
rs111724295	A	0.0411
rs113499929	T	0.0941
rs73206011	T	0.0148
rs13052437	G	0.0236
rs4148118	A	0.0129
rs80064171	C	0.0626
rs74787388	T	0.0391
rs11088343	T	-0.0239
rs117050103	T	-0.0856
rs988629	C	-0.0156
rs11701424	A	0.0196
rs116527078	A	-0.0767
rs2154701	C	-0.0129
rs11088491	G	0.0294
rs2835797	C	-0.0123
rs112126209	T	0.0879

rs148218492	T	-0.035
rs9977503	A	0.0652
rs4819095	C	0.0172
rs118060425	T	0.1108
rs28696190	T	0.1018
rs142124362	T	0.0534
rs2236608	G	0.0566
rs56408756	T	0.0282
rs2839505	A	0.0261
rs3810581	G	-0.0557
rs112939724	G	0.0714
rs2219408	A	-0.0126
rs56358715	T	-0.0262
rs17004734	G	0.0193
rs76826604	A	0.094
rs78617065	C	0.048
rs2828063	C	-0.0281
rs117592544	T	0.0692
rs73213910	C	0.0529
rs17000601	C	-0.0555
rs13052529	T	-0.0271
rs116971236	A	-0.0857
rs8130239	A	0.1099
rs7280068	C	0.0253
rs147851809	C	-0.0427
rs74412239	C	-0.0193
rs116919388	G	-0.0506
rs2833522	A	-0.0121
rs13052008	A	-0.0425
rs113726705	T	-0.0546
rs2094886	T	-0.0199
rs113351516	C	-0.0487
rs73195925	T	0.0223
rs2824136	G	0.0239
rs9982579	T	-0.0133
rs2268282	T	-0.017
rs73223511	A	0.0601
rs11702294	A	-0.0461
rs117779236	A	-0.0473
rs78148807	C	-0.0504
rs8129709	T	-0.0138
rs146258645	A	-0.0763
rs78072851	C	0.0498
rs11701789	G	-0.0264
rs149284080	T	-0.0998
rs79843039	C	0.0728
rs2833615	G	0.0206

rs11702425	C	-0.0141
rs12627121	C	-0.0163
rs61223015	A	-0.0349
rs1157277	G	0.0136
rs2834726	G	0.0211
rs56348408	C	-0.0247
rs76776878	A	0.0313
rs2837020	T	0.0178
rs2823744	C	-0.0266
rs8127137	T	0.037
rs2094877	G	-0.0135
rs17777660	G	-0.0782
rs2850098	C	-0.0444
rs137916469	T	0.0555
rs149836915	A	0.0574
rs117624360	A	0.0675
rs11701835	C	-0.018
rs9979397	G	-0.0121
rs78867694	A	-0.0274
rs73224184	A	0.0484
rs2838281	A	-0.0139
rs73206087	G	0.1143
rs113234632	G	0.0338
rs117718767	A	0.0641
rs73210365	C	-0.0657
rs139426320	A	0.0922
rs145996785	T	-0.0519
rs968582	C	-0.0242
rs79558683	T	0.046
rs2823575	G	-0.0193
rs142315206	A	-0.0658
rs17690727	G	0.0258
rs75971227	A	0.0448
rs2831446	C	-0.013
rs2268254	T	0.0248
rs77606945	G	0.0279
rs117997469	G	-0.1098
rs34953833	G	-0.0122
rs7277766	T	0.0148
rs239067	G	0.024
rs117879463	T	-0.0667
rs9980447	T	0.0248
rs8134125	T	0.0483
rs79066695	A	-0.0478
rs78000666	T	-0.0645
rs2827319	C	0.0151
rs117932440	G	0.056

rs141622518	T	0.0469
rs10854445	C	0.023
rs467936	T	0.0311
rs144810129	C	-0.0583
rs16988914	G	0.038
rs117112832	T	0.0467
rs67323813	A	-0.0266
rs35227022	A	-0.0434
rs7282557	A	-0.0185
rs148937342	A	0.056
rs12483293	G	0.0135
rs692383	G	-0.0128
rs148893316	A	0.0479
rs462903	G	0.0121
rs2827150	T	-0.0144
rs558059	A	0.0136
rs117149680	A	0.0482
rs78594525	C	-0.0297
rs144817881	T	-0.0429
rs1004810	A	0.0197
rs12483608	T	-0.0512
rs9976373	T	0.069
rs111528493	T	-0.0229
rs144434453	A	0.0983
rs13051413	C	0.0356
rs74961332	G	0.0224
rs2834012	A	0.0113
rs80075997	C	0.0253
rs2403806	T	-0.0123
rs12482989	T	0.0497
rs2039236	T	-0.0206
rs117419412	T	0.0284
rs77857836	G	-0.0211
rs2837484	A	-0.018
rs9305296	T	-0.0113
rs139447221	A	0.0873
rs62210585	G	0.0181
rs2051186	A	-0.013
rs111246525	C	-0.0553
rs4818127	G	-0.015
rs4353724	T	-0.0186
rs2826494	G	-0.0196
rs139041087	A	-0.0782
rs463877	T	-0.0172
rs219754	A	0.0124
rs62228218	T	-0.0136
rs57000550	C	0.0139

rs2268202	T	-0.0622
rs111245175	T	0.0574
rs73315197	T	-0.0652
rs80145855	T	0.0232
rs59861729	G	0.0174
rs77270082	T	-0.0236
rs113413326	G	0.0229
rs9978275	C	0.0414
rs142651835	G	0.0298
rs2834482	C	-0.0163
rs147458704	T	0.0416
rs2775805	G	0.0377
rs75038405	G	0.0337
rs13049431	A	-0.0165
rs79610004	A	0.0713
rs12481814	A	-0.0155
rs75877313	C	0.0434
rs62216164	A	-0.041
rs9980960	G	0.0467
rs6517074	C	0.0148
rs7277023	G	-0.0413
rs73231618	A	-0.0193
rs9976670	C	0.0113
rs2268259	A	-0.0223
rs1571699	A	0.0222
rs180319	A	0.0181
rs150703492	T	0.0657
rs79692361	C	0.0287
rs73181439	A	0.0715
rs2244189	T	-0.0181
rs17575180	T	-0.0448
rs77783452	A	0.0543
rs233230	A	-0.0313
rs2829539	T	0.019
rs73185403	T	0.0338
rs117493311	A	0.0409
rs2838042	C	-0.0152
rs17000375	A	-0.0624
rs2246610	T	0.0159
rs1734847	T	0.0287
rs149520727	G	-0.0713
rs111620753	T	0.0478
rs7278274	T	0.0162
rs71330671	G	0.0838
rs118108078	A	0.0768
rs2150441	C	0.0142
rs112615110	C	-0.0365

rs75876362	G	0.0699
rs16979728	G	0.0637
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rs77726661	G	0.0543
rs17765580	T	0.0326
rs12626363	T	0.014
rs142784143	T	0.0735
rs7282586	A	0.0207
rs75996970	C	0.0599
rs1119566	A	0.0124
rs4818907	T	0.0154
rs73188512	G	0.0421
rs2252109	A	0.0121
rs35811057	T	0.0632
rs74789072	C	0.0368
rs146973208	A	0.0648
rs741947	C	0.0127
rs1987957	A	-0.0333
rs6517708	A	-0.0125
rs2268255	A	0.0185
rs117307991	T	0.0739
rs138364583	T	0.0392
rs116917259	A	0.0572
rs117519470	A	0.0821
rs2827312	T	0.0117
rs73894936	A	0.0244
rs13052452	T	-0.0181
rs59535861	A	-0.0202
rs13049046	G	-0.0568
rs9978014	G	0.0227
rs17004715	A	0.0697
rs2823138	A	0.0125
rs78297552	A	0.028
rs17836432	C	0.0581
rs17275316	T	0.0423
rs71317607	T	0.0289
rs2823590	A	0.0168
rs35677462	A	-0.0166
rs9979632	C	0.0116
rs138463172	G	0.0838
rs116907174	T	-0.0376
rs73202434	T	-0.0331
rs71331621	G	-0.0255
rs2070398	T	0.0141
rs2833979	A	-0.0113
rs75280183	G	0.0643
rs2837872	A	-0.0116

rs9979848	A	-0.0198
rs73220474	T	0.0403
rs62226470	C	-0.083
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rs2403727	C	-0.0206
rs59602964	A	-0.0467
rs689769	A	-0.0136
rs66528304	G	0.0182
rs76651102	A	0.0716
rs80135721	A	0.0554
rs9977496	T	0.0124
rs73364552	C	-0.0232
rs75022913	C	0.0687
rs76237717	T	-0.0611
rs3900478	G	0.0131
rs118014583	C	0.0205
rs113435554	A	-0.0223
rs76979442	A	-0.0383
rs1153400	T	-0.011
rs9979297	C	-0.012
rs2834412	C	0.0158
rs4464358	T	-0.0162
rs76653844	G	0.0392
rs117104804	A	-0.075
rs2011655	G	-0.0119
rs79576668	C	0.0313
rs2000626	G	0.0189
rs12483587	C	0.0336
rs143629097	C	0.0584
rs148987974	A	0.0555
rs7283160	G	-0.0279
rs12626788	T	-0.0169
rs881969	A	0.0155
rs17227497	C	-0.0281
rs62239862	A	-0.0124
rs79579071	T	-0.0893
rs117846798	C	0.0497
rs73154881	A	0.0704
rs9789904	C	0.02
rs78264447	T	-0.1052
rs8133223	T	-0.0164
rs34273156	T	0.0257
rs2007284	G	-0.0119
rs4819996	A	-0.0759
rs5760076	T	-0.0759
rs136402	A	0.0733
rs2298428	T	-0.0844

rs41282607	T	-0.2075
rs13054771	T	0.186
rs4497960	G	0.0681
rs2269672	T	0.0592
rs2083881	T	0.0846
rs6007302	G	0.0601
rs79851088	G	-0.0756
rs35710431	T	0.2195
rs7284925	G	0.1574
rs6005502	G	0.0646
rs9620007	G	-0.061
rs73164179	C	-0.0919
rs117116872	T	0.1704
rs11703741	C	-0.2618
rs80218688	A	0.2384
rs74876332	C	-0.0647
rs117527642	G	-0.3387
rs5753961	C	0.0578
rs7354808	T	0.0989
rs74628120	T	0.2485
rs7284274	T	0.0742
rs35011392	A	-0.1896
rs10854810	T	0.0599
rs4821712	C	0.0547
rs738244	T	0.0635
rs8135966	G	0.0589
rs2179237	A	-0.0661
rs117507958	T	0.4682
rs9628575	C	-0.0694
rs73169417	C	0.0669
rs4820932	G	-0.0625
rs6007641	G	-0.0698
rs139116	C	-0.0549
rs9611427	G	-0.1271
rs2267366	C	0.0791
rs71319031	C	0.2263
rs2283980	A	-0.0577
rs56331825	T	-0.1437
rs76847350	G	0.0882
rs56132768	C	0.0641
rs6007450	A	0.081
rs5765694	T	0.0938
rs62224169	A	-0.1553
rs142911007	T	-0.2267
rs35723421	G	0.1095
rs9605443	C	0.1249
rs13055704	C	0.1407

rs57072226	T	-0.0909
rs5766069	A	0.1028
rs4824042	T	0.0907
rs12168059	T	0.1236
rs165913	G	-0.0492
rs2283896	C	0.0606
rs73179544	A	-0.0629
rs113953187	A	0.2081
rs148838956	T	-0.3331
rs2238801	C	-0.0478
rs57061188	C	-0.3161
rs5764965	T	-0.0698
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rs4822422	A	0.0529
rs73176542	A	-0.053
rs28585506	T	-0.0668
rs9616730	G	0.0668
rs6009530	C	0.0513
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rs5762182	C	-0.0486
rs12158781	A	0.0475
rs12165902	G	0.0702
rs11912578	G	-0.0962
rs41276321	C	-0.111
rs5768312	A	0.0497
rs2413348	T	-0.0538
rs118064968	A	-0.2811
rs518350	T	-0.0677
rs6003656	A	0.1457
rs2071731	A	0.0494
rs56243310	C	0.0518
rs1962733	G	-0.075
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rs111890054	A	-0.1828
rs4389	G	-0.057
rs9618717	G	0.0453
rs62235055	C	0.1035
rs55770569	G	0.0858
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rs41279991	T	-0.0652
rs79139858	A	-0.1231
rs5749041	T	-0.0547
rs8140686	C	0.0736
rs9306481	G	-0.0543
rs9608536	T	0.1863
rs5765168	G	-0.0449

rs13054829	T	0.0644
rs5763243	T	-0.0694
rs1974528	G	0.0552
rs79008002	G	-0.1217
rs117508239	A	0.178
rs116513585	T	0.2297
rs33958703	T	-0.1337
rs5765943	C	0.0734
rs361856	T	-0.0636
rs13057231	G	0.2416
rs6003217	A	-0.2107
rs2064735	T	0.1466
rs73165024	G	-0.0847
rs6005267	T	-0.0447
rs117699062	T	0.125
rs147197977	A	0.2542
rs12159264	T	0.0632
rs138072	A	0.1672
rs5752473	A	-0.0467
rs55743715	A	0.1171
rs144330309	C	-0.1434
rs6000425	G	0.1154
rs11704505	T	0.0808
rs9612811	T	0.2981
rs57610	T	0.0855
rs117263612	C	-0.1554
rs5761936	A	0.0583
rs113440352	A	-0.2045
rs78569477	T	0.1864
rs2413282	G	0.1132
rs5993581	A	-0.0503
rs480029	T	-0.0801
rs79412139	G	0.1132
rs116722699	T	0.119
rs113293360	A	0.267
rs150610964	A	-0.1554
rs113401620	T	-0.1803
rs880883	A	0.0459
rs6008124	T	-0.0613
rs4822732	T	-0.079
rs3747226	G	0.0537
rs134031	C	-0.133
rs138132	T	-0.0448
rs5746971	G	0.0688
rs75788033	C	-0.1591
rs8140080	A	0.0475
rs741415	T	0.0643

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rs8141593	C	-0.0603
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rs739011	T	0.0542
rs807756	T	-0.0869
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rs147161556	T	0.2629
rs5768012	A	0.051
rs1858770	C	-0.162
rs5756560	T	-0.044
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rs8138982	A	-0.0477
rs5753905	T	-0.0484
rs61063861	C	0.2302
rs2854097	C	0.0772
rs2269667	A	0.157
rs75217739	T	0.0631
rs756876	A	0.0433
rs113565865	T	-0.1128
rs2858226	T	-0.0419
rs75117334	T	-0.0733
rs2338254	T	-0.0439
rs118061137	T	0.1783
rs132405	G	-0.0443
rs5756898	T	-0.1268
rs5997189	C	0.1666
rs9613568	C	0.0768
rs149596304	T	-0.2242
rs134028	G	0.0998
rs5757378	G	-0.071
rs117667552	T	0.1292
rs5768882	G	-0.0487
rs140555	T	0.0581
rs5768146	G	-0.0412
rs79058609	A	0.1051
rs73168076	C	0.1851
rs12165814	G	-0.0792
rs909699	G	0.1584
rs1008561	A	0.0589
rs4821554	A	-0.0473
rs763040	A	-0.0501
rs73166060	G	-0.2465
rs8137293	C	0.1156

rs7285013	T	0.0781
rs61263523	G	-0.255
rs9620654	A	0.0773
rs5754266	T	0.0563
rs17698230	C	0.1453
rs5755325	C	-0.0402
rs73156486	T	-0.0806
rs8137052	G	0.0589
rs9619005	G	-0.0745
rs11705241	G	0.1191
rs35908001	T	0.08
rs13053973	T	0.0475
rs9616194	T	0.146
rs12484870	G	0.146
rs112558404	C	-0.0975
rs131862	T	-0.0433
rs5752378	A	0.0535
rs59112939	C	-0.2672
rs8137581	T	-0.0624
rs80194287	T	0.1167
rs145554377	G	-0.2679
rs11703829	A	-0.3029
rs75949329	G	-0.1493
rs5764916	A	-0.101
rs118014526	G	-0.2158
rs1314	G	-0.0527
rs5998074	C	-0.0573
rs73176670	T	-0.1154
rs9615998	T	-0.0523
rs73163073	C	0.1074
rs742096	T	0.0892
rs9613163	C	0.0443
rs9613438	A	0.049
rs5769413	T	-0.0701
rs4346486	A	0.0483
rs16984323	A	0.1019
rs5747035	C	0.0784
rs9616770	G	0.0953
rs146300110	T	0.2168
rs3213582	A	-0.087
rs9621974	A	0.0591
rs4823433	G	0.0441
rs139481	T	-0.0443
rs16987063	G	0.1322
rs6008279	T	0.0908
rs7292049	A	-0.0491
rs5755863	A	0.1363

rs10427961	C	-0.0976
rs76924887	C	-0.3019
rs5752871	T	0.0759
rs5747066	G	0.1108
rs5756414	C	0.0402
rs5770120	T	0.0513
rs2072549	A	-0.0539
rs143681999	T	0.2216
rs135270	T	-0.1244
rs2238732	T	-0.0937
rs8137471	C	-0.1081
rs8138001	G	-0.0394
rs75549529	G	-0.079
rs2337969	C	-0.082
rs5757209	A	0.0414
rs55789978	A	0.1955
rs1001794	T	0.045
rs62236483	T	0.1207
rs17225983	C	-0.058
rs3788269	A	-0.2244
rs79849446	G	0.1236
rs4820084	A	0.0894
rs713599	A	-0.1146
rs16993265	T	0.1685
rs133873	A	0.0514
rs8135021	A	-0.0422
rs9613920	C	0.1984
rs117718592	A	-0.2866
rs34375949	C	-0.1017
rs75993703	T	-0.1729
rs9621463	C	-0.1236
rs9607039	T	0.1092
rs6006188	G	-0.0478
rs5766425	C	-0.0552
rs2083882	G	0.0454
rs139412394	C	0.1872
rs9606475	C	0.1373
rs6520042	T	-0.0471
rs9619460	G	-0.0484
rs464694	C	-0.0483
rs6006497	C	-0.0463
rs5752534	A	-0.0428
rs147482364	T	0.1467
rs5997787	T	0.0392
rs75441074	A	0.1754
rs76548119	G	-0.2841
rs2257292	T	0.2267

rs5758921	G	0.0579
rs2592958	A	0.1022
rs624100	T	-0.0441
rs5756536	T	0.0464
rs79941944	A	0.1226
rs137214	T	-0.0419
rs5994175	T	0.0403
rs77249562	G	0.1216
rs5765777	T	0.0521
rs75102455	A	0.1499
rs11912444	G	0.2667
rs9608566	G	0.1272
rs112902831	T	-0.1363
rs7288557	T	0.128
rs12170776	A	0.0744
rs117946958	A	0.0966
rs228909	G	0.048
rs2071751	C	-0.0402
rs8140214	T	0.1169
rs62239275	A	0.0591
rs73167975	A	0.092
rs658073	C	0.0499
rs1557619	C	-0.0434
rs6008305	G	-0.0409
rs4822900	A	-0.0393
rs6003437	A	-0.0481
rs1880004	T	-0.0543
rs695430	A	0.0367
rs738317	C	-0.2605
rs117618411	T	0.1009
rs5771860	T	-0.0444
rs2057114	C	-0.0471
rs117336170	G	0.1569
rs6010501	T	0.07
rs41172	C	0.0398
rs117036484	A	-0.1465
rs73168270	A	0.0738
rs1883299	A	-0.038
rs5747937	A	-0.0412
rs9306332	A	-0.0466
rs138141	G	0.0641
rs8142640	C	-0.0764
rs117269860	C	0.1591
rs73149988	A	-0.1168
rs113171689	A	0.1689
rs6004416	A	-0.0473
rs525250	A	-0.1156

rs8140165	T	0.0691
rs73892216	C	-0.0998
rs5749771	C	-0.0371
rs143591969	A	0.2763
rs73160642	G	0.1032
rs10854859	A	-0.0545
rs78768888	T	-0.1268
rs132969	G	-0.074
rs57580948	T	0.156
rs11704831	A	0.1915
rs1994999	G	-0.0589
rs117366725	T	-0.1043
rs80281	A	-0.0692
rs28709111	G	-0.0884
rs8135964	A	0.063
rs12484867	C	0.0574
rs2179060	A	-0.0881
rs2267321	T	0.0383
rs79429059	A	-0.3186
rs139697790	C	0.0846
rs11704083	G	0.0359
rs2001063	A	-0.0367
rs77241789	G	0.0922
rs112074371	A	-0.1339
rs4358228	A	-0.0624
rs1024331	G	-0.0413
rs1986290	T	0.0639
rs5759973	A	0.0677
rs12710562	G	0.0547
rs117240868	T	0.0865
rs178287	C	0.0419
rs132437	G	-0.0737
rs5767106	C	0.0727
rs9609397	G	-0.0637
rs974570	A	0.094
rs41280009	T	-0.0886
rs9627131	A	-0.0741
rs79845049	A	-0.2709
rs57259441	G	0.1003
rs73169225	C	-0.0794
rs57079229	G	-0.0693
rs4635624	A	-0.0367
rs55776461	C	-0.0717
rs719078	C	-0.1841
rs4821042	G	0.0952
rs5749028	G	0.0523
rs713958	T	-0.0392

rs2267185	A	0.0896
rs111988699	G	0.0527
rs6006945	G	-0.2714
rs73166912	T	0.1713
rs933241	T	-0.0882
rs41281269	G	0.1093
rs117950420	A	-0.2188
rs79141386	A	0.1812
rs9606289	T	-0.0994
rs5754754	A	-0.0368
rs4822075	G	-0.0569
rs5992741	A	0.084
rs8142103	T	0.1736
rs6008313	C	0.0659
rs1062687	C	-0.0387
rs136404	C	0.1955
rs11705621	T	0.0571
rs2015794	T	0.3069
rs2330626	G	-0.0413
rs113518218	T	-0.1549
rs6008234	A	-0.0818
rs2014847	G	0.0404
rs175180	T	-0.1168
rs441862	G	0.1449
rs5764921	C	0.0449
rs117663002	C	-0.1383
rs5770261	T	-0.0383
rs9616150	T	-0.0598
rs2858607	C	0.0544
rs68062411	G	-0.2333
rs58401738	A	0.0617
rs113133756	T	-0.1329
rs5768870	A	0.0439
rs134806	T	0.0498
rs9615749	A	0.0775
rs140361974	T	-0.2237
rs147367926	A	0.1558
rs5752663	T	-0.0706
rs79238560	T	-0.155
rs116923341	T	-0.269
rs28627565	C	0.074
rs117235525	A	-0.2532
rs56939727	G	-0.2576
rs165739	A	0.0496
rs34405493	T	-0.0639
rs8138092	G	0.1246
rs10854730	A	0.0733

rs76128518	G	-0.0679
rs76541330	C	0.1225
rs75843224	A	0.0978
rs133937	C	0.0345
rs150019071	T	-0.2316
rs2011406	G	0.0562
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rs17669761	A	-0.1564
rs73169024	G	-0.226
rs12160813	A	-0.0708
rs62621223	A	0.1247
rs117685988	T	0.3416
rs978695	T	0.0545
rs139488	T	0.07
rs8135118	T	0.0437
rs77109544	A	0.12
rs910545	C	-0.0403
rs9625203	T	-0.1546
rs79685620	A	0.0965
rs1546934	G	0.057
rs118095417	G	-0.1453
rs142422001	G	-0.2615
rs73176478	T	-0.1109
rs147021711	T	-0.2545
rs76245266	C	0.2695
rs5762240	T	-0.0527
rs2007386	C	0.0438
rs12158648	C	0.0492
rs75900047	T	-0.2529
rs130628	A	-0.1328
rs17509172	G	0.1465
rs5995570	T	-0.042
rs11704537	C	0.0501
rs118039352	T	-0.1542
rs4642035	A	-0.0418
rs6008399	A	0.0764
rs5760820	T	-0.062
rs144373253	T	-0.186
rs73164969	G	-0.1496
rs148982064	C	0.1117
rs28501249	T	0.1086
rs113197291	A	0.0823
rs77452243	A	-0.1365
rs73162521	A	0.1726
rs2072393	A	0.129
rs5768001	T	0.0558
rs73166221	C	-0.1684

rs117913000	T	-0.2126
rs9620936	T	-0.0675
rs13053356	T	0.0459
rs75763953	C	0.0545
rs117160245	T	0.1031
rs117799899	A	0.1498
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rs9614756	A	0.0728
rs111941689	A	0.1629
rs9625600	C	-0.0464
rs5755043	A	-0.0436
rs361725	T	-0.0388
rs16988632	T	-0.0464
rs113697305	T	0.0853
rs6003932	C	0.0378
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rs62228622	G	-0.1561
rs6005752	G	0.0366
rs73163923	A	0.3013
rs2011716	C	-0.0358
rs4820684	G	-0.0355
rs56156332	T	-0.0701
rs71328216	A	-0.1128
rs117373339	T	-0.3038
rs11554714	C	0.1549
rs731026	A	-0.072
rs9680560	T	0.0881
rs377976	G	0.0562
rs9611345	A	-0.0778
rs78741488	A	0.0683
rs28591282	G	0.0438
rs2176659	T	0.0534
rs8142788	A	-0.0462
rs713944	C	-0.0368
rs116978125	A	0.1374
rs5996571	T	0.0577
rs62224246	A	0.1847
rs2294918	A	0.0338
rs145180438	T	-0.2232
rs134152	T	0.0501
rs2904560	C	-0.0563
rs5998887	G	-0.0935
rs62243680	A	0.0714
rs7287886	C	0.0456
rs5749011	C	0.0636

rs78431645	A	0.2465
rs4823572	T	-0.0638
rs5765456	C	-0.0459
rs5992988	A	0.0364
rs9620522	T	0.0909
rs80266288	T	0.132
rs414392	G	0.09
rs9616864	C	0.0681
rs8138797	A	0.115
rs13054233	G	-0.0529
rs5748156	C	0.0872
rs5752615	C	0.0524
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rs17434523	G	0.052
rs9626844	T	0.2207
rs2241306	A	0.066
rs11705219	A	0.1304
rs9628515	C	0.0762
rs62225005	A	-0.0661
rs11703988	A	-0.0701
rs6004256	A	-0.0343
rs144472419	C	-0.2364
rs9619741	C	-0.0868
rs73165105	T	0.0575
rs138166	A	-0.0353
rs17806634	C	0.1455
rs713754	T	-0.0378
rs141277252	A	0.1095
rs738207	T	0.0415
rs4420796	T	-0.0859
rs147498696	A	0.1118
rs17386314	T	0.2611
rs9609983	T	-0.1396
rs79137	G	0.0354
rs16987639	C	0.0723
rs2285181	A	0.0482
rs4822731	G	-0.0625
rs67551226	A	0.1539
rs117362241	G	-0.0858
rs150142977	G	0.1584
rs133274	A	-0.0491
rs79187507	G	0.1681
rs11705487	T	-0.1277
rs2092331	T	-0.0868
rs13053958	T	-0.0412
rs140050	A	0.113

rs147131682	G	0.1552
rs74437803	A	-0.1016
rs79455860	A	0.0722
rs11703558	C	-0.0637
rs142554348	A	0.2744
rs165772	A	-0.0393
rs9612556	T	-0.2308
rs117621869	T	-0.1065
rs117651913	T	0.2364
rs113952778	T	0.1749
rs1555242	T	-0.0325
rs17734827	T	-0.1893
rs135444	C	-0.0341
rs141247997	C	-0.2407
rs6009925	T	-0.2296
rs5762919	C	0.0878
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rs7291493	A	0.0325
rs34731106	A	0.0372
rs178271	T	-0.077
rs75094022	T	0.1448
rs9615517	C	-0.1114
rs11090722	T	-0.05
rs59699323	A	-0.2147
rs760521	C	-0.0503
rs34120785	G	0.083
rs2267302	C	-0.0329
rs116898372	A	0.2476
rs7511047	G	-0.0398
rs9306383	C	0.0341
rs9607904	A	0.0545
rs56317162	G	0.0722
rs8137343	A	0.1433
rs4822675	A	0.0628
rs34593514	T	-0.1369
rs147089433	C	0.1729
rs13054375	C	0.3207
rs62227667	A	-0.1663
rs713620	C	0.1032
rs136361	A	0.0397
rs111522439	T	-0.1301
rs4820597	G	-0.2671
rs140179402	T	0.1551
rs12170772	A	0.0945
rs12484028	T	0.0806

rs62236155	T	0.0326
rs1547071	A	0.1747
rs5996580	G	-0.0528
rs78016169	C	-0.1077
rs1977068	G	-0.0602
rs118107512	A	-0.1881
rs13054995	T	-0.0578
rs78500845	G	0.1488
rs10212091	T	0.0475
rs73157180	A	-0.0912
rs13053731	A	0.0677
rs9607592	T	0.07
rs738095	T	-0.0721
rs6002731	G	-0.0362
rs9610695	G	0.0417
rs1028283	A	0.0532
rs7288663	G	0.0393
rs3827392	G	-0.0356
rs138014	T	0.0371
rs117162349	T	0.128
rs78185428	A	0.21
rs137100	T	-0.0367
rs975826	A	-0.0409
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rs140616575	T	0.124
rs78093638	A	0.0936
rs134697	G	-0.0472
rs117129281	T	0.1557
rs118125772	T	0.1452
rs62229504	T	0.1034
rs74353563	T	0.1752
rs5751426	C	0.0394
rs12484387	A	0.0418
rs135578	A	-0.0361
rs2269541	A	-0.0617
rs6000825	T	-0.0371
rs5761992	C	-0.0934
rs9610220	T	0.0886
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rs5762125	A	-0.0434
rs34519966	G	0.0374
rs76953927	T	-0.2896
rs763082	T	-0.0336

rs12159895	T	-0.0382
rs142780018	A	-0.2695
rs6009047	T	-0.033
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rs111932997	G	0.1664
rs8138012	G	0.0725
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rs2522314	T	-0.0331
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rs71330746	T	-0.1671
rs9605030	T	0.0469
rs76475935	T	0.2017
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rs5759876	A	-0.036
rs78364627	T	0.1407
rs62228478	A	0.2578
rs79511420	A	-0.2443
rs139151	T	0.0657
rs114431778	T	0.058
rs6005079	T	-0.0332
rs6010580	T	-0.0754
rs1005402	T	0.032
rs8190289	A	0.1324
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rs624390	A	-0.0321
rs73164053	A	0.1067
rs762977	T	0.0322
rs9613397	T	0.0307
rs62234573	T	0.047
rs55770470	T	0.1421
rs35407346	A	0.155
rs145796821	A	0.1997
rs73170361	C	-0.0948

rs145832854	A	-0.1961
rs136503	G	0.0498
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rs7287160	A	0.0428
rs138639389	A	0.1658
rs392277	A	0.0324
rs5749122	A	-0.0336
rs6008046	T	0.0382
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rs5763208	A	0.1071
rs553327	T	-0.0355
rs148055154	T	-0.118
rs7292939	T	0.0383
rs9615023	G	0.0756
rs4820823	C	0.0567
rs75353315	C	0.1164
rs9625469	A	-0.1347
rs5760580	A	-0.0554
rs2024120	T	0.0503
rs5769109	C	-0.0406
rs77019079	C	-0.1718
rs117043685	C	0.0781
rs117750534	T	0.2209
rs738223	A	0.0305
rs35033180	A	0.0665
rs16984073	A	0.0698
rs1981475	G	0.0384
rs138900	A	0.0541
rs5754164	A	-0.0489
rs5997930	C	-0.0731
rs17379101	A	0.1041
rs13058625	A	0.0483
rs7292322	A	0.0384
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rs131705	T	-0.0414
rs76743390	T	0.1397
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rs34825318	A	-0.1563
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rs116985798	T	-0.1722
rs737356	G	0.0372
rs140107290	G	0.197
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rs2385722	T	0.1287
rs9616825	G	-0.0616
rs78983030	C	0.1032
rs165928	A	-0.0368
rs138128	G	0.0388
rs117514024	T	0.0455
rs116914215	T	0.2215
rs875101	C	0.0496
rs71328255	A	-0.1668
rs737855	G	-0.0394
rs35915865	C	-0.1101
rs2215723	G	0.0341
rs4823169	G	-0.0328
rs9616225	A	0.1562
rs57751077	G	-0.0819
rs35381944	T	0.0636
rs16991328	G	-0.2241
rs2516542	T	-0.05
rs915898	T	-0.1197
rs5766346	C	-0.066
rs9627530	C	0.0514
rs138418	T	-0.0402
rs135885	G	0.0334
rs78900351	A	0.1893
rs117192145	C	0.1758
rs73409833	C	0.1309
rs2013035	T	0.1394
rs74772207	T	-0.1496
rs117293902	A	0.1413
rs55658730	T	-0.0401
rs62232612	G	0.2462
rs74691459	C	-0.0707
rs62229284	G	0.1496
rs134164	T	0.1092
rs2267380	C	-0.0312
rs8139244	A	0.1008
rs5770422	C	0.0388
rs79418139	G	0.0726
rs13053547	A	0.089
rs9614567	T	0.1137
rs7364255	T	-0.0327
rs5746647	G	0.0889
rs5761608	G	0.0471

rs5748366	C	0.037
rs8141133	C	0.0644
rs2543519	G	0.0378
rs719263	T	-0.0395
rs412021	A	0.1309
rs116910985	A	0.1221
rs132667	G	0.0296
rs174334	T	-0.0311
rs111861646	T	-0.2355
rs133436	C	0.0413
rs388561	T	-0.0795
rs9622556	A	0.1575
rs35674508	C	-0.1144
rs5758935	T	0.0381
rs5759593	A	-0.0305
rs61327482	T	0.0867
rs146851318	C	-0.207
rs13056139	A	-0.0381
rs6000018	G	0.075
rs12628369	T	0.0321
rs5993834	T	-0.0356
rs73886258	A	0.0652
rs117843471	A	0.1607
rs8141744	T	-0.0356
rs79312272	C	0.0741
rs4239928	T	-0.0461
rs28439423	T	-0.0684
rs138010165	T	0.1514
rs4821877	T	0.0326
rs5992831	G	0.1257
rs133710	T	-0.0305
rs2540620	C	0.0448
rs117614152	T	-0.2306
rs79568180	G	0.0636
rs7285926	G	0.1102
rs2276449	A	0.049
rs137404	T	0.0316
rs75943824	A	-0.0723
rs6000203	A	-0.2098
rs112349986	A	0.1169
rs9614825	C	0.0759
rs1061660	C	-0.0322
rs8135152	G	0.0475
rs756653	A	-0.0328
rs2330092	C	0.0499
rs2073766	T	0.0469
rs2858519	A	-0.0662

rs6010044	C	0.0395
rs76103089	T	-0.0942
rs2144250	T	-0.0349
rs5759698	G	0.086
rs4446	A	-0.063
rs4528878	T	0.1887
rs713774	C	-0.0532
rs2073776	T	0.0416
rs5759887	T	-0.0388
rs1981708	G	-0.0472
rs5770680	T	0.0553
rs74478331	T	-0.0525
rs5750373	A	0.0315
rs9609844	C	0.0448
rs470019	T	0.035
rs34390222	T	0.0599
rs139780	C	-0.059
rs74349262	A	0.088
rs149798846	C	0.1596
rs130182	G	0.0314
rs4822645	T	0.0473
rs148039667	A	0.1234
rs11089565	T	0.0408
rs5996259	A	0.0922
rs150171569	A	0.2396
rs9614882	T	0.0787
rs75623071	C	-0.0902
rs136674	T	0.0325
rs8140949	A	0.0554
rs7285082	T	-0.0291
rs114850255	G	0.0736
rs5766886	A	0.0421
rs5747075	T	0.0308
rs5016339	A	-0.0701
rs7288410	T	-0.0376
rs73169217	G	0.0472
rs1977072	G	0.0527
rs117905236	G	0.2479
rs77386801	T	0.1555
rs55853243	A	-0.0704
rs2913	G	0.0335
rs135589	C	-0.034
rs9615846	G	-0.0323
rs1894468	G	-0.0308
rs117880336	A	0.1529
rs139906549	T	0.1756
rs62228917	T	0.0897

rs2241252	G	0.1266
rs2269572	T	-0.0564
rs909696	A	0.1331
rs12483790	A	0.1486
rs62228837	T	-0.2116
rs6008025	A	0.1003
rs79853675	T	-0.0679
rs138046647	C	-0.1251
rs9606763	C	0.1021
rs135695	A	0.0333
rs2267232	G	-0.0315
rs760546	A	0.042
rs9941940	A	-0.1137
rs112112324	T	-0.1019
rs738261	C	0.0299
rs2092169	T	0.0548
rs5753111	T	0.0327
rs4819964	G	-0.0405
rs174876	T	0.0558
rs1109052	T	-0.0347
rs2269517	C	-0.0296
rs135288	C	-0.0316
rs5992071	T	0.0953
rs117068410	A	0.1351
rs7285141	T	0.0377
rs34403630	T	0.1231
rs7291639	C	-0.0656
rs11703592	T	0.0733
rs9606540	G	0.0367
rs1977065	C	-0.1078
rs116956366	G	0.2251
rs6009041	T	-0.0351
rs4823848	G	-0.0591
rs6006572	T	0.0365
rs117444914	A	-0.1627
rs1006254	C	-0.0408
rs9621198	T	-0.1521
rs117556377	T	0.1282
rs41424744	T	0.167
rs111819340	G	0.177
rs9306510	G	-0.0299
rs458480	C	-0.0363
rs761793	C	-0.0362
rs75651092	T	0.1373
rs12166627	A	0.0495
rs73159061	G	0.1108
rs6005977	T	0.0453

rs149801294	G	0.2115
rs144320509	G	0.1457
rs138501302	G	0.1278
rs5765019	A	0.1728
rs9620676	T	0.0987
rs73181109	A	-0.1353
rs35694266	G	-0.0486
rs5994814	G	-0.1599
rs5992041	T	-0.049
rs9608214	C	-0.1417
rs5766706	A	0.0289
rs140513136	C	0.2052
rs9609922	A	-0.095
rs129406	A	0.0933
rs5992967	T	0.0365
rs35972770	T	0.0788
rs4823220	A	0.059
rs118083289	A	0.2089
rs11703590	T	-0.0328
rs9616098	A	0.1744
rs8139766	C	-0.1126
rs2223335	T	0.0366
rs1055503	A	0.0489
rs2743839	A	0.0296
rs2078974	A	-0.0299
rs76039265	A	0.1133
rs116159988	A	-0.1104
rs1076650	A	-0.0328
rs738486	C	0.0318
rs11704208	T	-0.0354
rs134678	T	0.0288
rs5754558	T	-0.0359
rs4550760	C	0.0321
rs9608281	T	-0.236
rs78107287	G	0.051
rs79697179	G	0.0721
rs9622618	G	-0.0536
rs80282014	A	0.1284
rs5762730	G	0.0307
rs2281118	A	-0.0343
rs16982551	G	-0.0484
rs2281108	A	0.0306
rs5764781	G	-0.0291
rs2858508	T	0.0325
rs17882704	A	0.1272
rs73881473	C	-0.0933
rs55694472	T	-0.074

rs464901	C	-0.0307
rs131130	T	-0.039
rs9615222	A	0.0448
rs12170391	C	0.0707
rs77062663	A	-0.1169
rs147225765	T	-0.2102
rs5764560	C	-0.03
rs35717986	A	-0.071
rs56228180	T	-0.1149
rs9624216	A	-0.0546
rs117301852	T	0.1127
rs5762053	A	-0.0453
rs13056246	T	-0.0528
rs7284531	C	0.0345
rs5757505	A	-0.0425
rs5994889	A	0.0309
rs35283268	A	-0.2051
rs5761740	A	0.0508
rs75292981	G	0.1176
rs131835	A	0.0285
rs118186439	A	0.1432
rs4820765	C	-0.0366
rs62233184	T	-0.0909
rs5746669	A	-0.1244
rs9615390	C	-0.03
rs35542587	C	-0.0625
rs76901310	G	0.048
rs58500554	A	-0.0491
rs739301	A	-0.0763
rs62221756	C	0.0383
rs75860721	C	0.0512
rs148789164	C	0.1262
rs62228861	A	0.0367
rs150656198	A	0.0887
rs582028	T	-0.0312
rs58566251	A	-0.0925
rs76884142	T	0.0825
rs57986874	A	-0.1103
rs140289	T	0.0393
rs1883264	C	0.0375
rs10483184	T	0.0531
rs118175469	C	-0.1655
rs78804481	T	0.1935
rs73156739	A	-0.0969
rs60620857	T	-0.096
rs138426988	G	-0.1325
rs239327	G	0.0273

rs9680830	G	-0.03
rs5995197	A	0.0391
rs2012607	A	0.0311
rs5753280	C	-0.0462
rs118091420	T	0.1177
rs118080800	T	0.1504
rs112709901	G	-0.0661
rs4484129	G	0.0302
rs5765952	A	-0.0282
rs3088200	G	-0.0395
rs5756840	T	0.0996
rs112929152	C	0.0743
rs131840	A	-0.0437
rs117240832	C	-0.1299
rs79974807	T	0.1486
rs11914035	T	-0.0553
rs60302228	T	-0.1371
rs701422	C	-0.086
rs9604911	T	-0.036
rs362250	T	-0.0381
rs117809488	G	0.1583
rs11089784	T	0.0334
rs4239871	A	0.0458
rs2041969	C	0.0485
rs78068506	T	0.0882
rs79502570	C	0.1057
rs141373695	A	0.1119
rs134966	T	-0.0447
rs118002995	G	0.131
rs62236070	C	0.0416
rs7290988	T	0.0511
rs882753	T	0.0427
rs11089305	G	0.0342
rs4358236	A	0.0418
rs113708083	C	-0.0321
rs80087878	G	-0.0674
rs979179	A	0.1223
rs2049948	A	-0.0283
rs8141494	T	0.0288
rs9620460	C	-0.0347
rs75044293	T	0.0556
rs132428	T	-0.0327
rs8142819	C	-0.0289
rs112326866	A	0.1873
rs2879246	C	0.0363
rs35836111	T	0.0812
rs150999545	G	-0.177

rs79557997	T	0.1387
rs76553724	T	0.1827
rs11090560	T	0.2257
rs60498544	G	0.0921
rs9626098	C	-0.1029
rs130474	C	-0.0297
rs8141657	A	0.0343
rs55899845	C	-0.1124
rs139417008	T	-0.1851
rs62227033	A	-0.2087
rs10483248	A	-0.1416
rs5996934	A	0.0888
rs79718986	T	0.1179
rs5764854	C	-0.0521
rs147538399	A	-0.0613
rs5770341	C	-0.0618
rs139702	T	-0.0351
rs80610	G	0.0274
rs61744286	A	0.0605
rs5764726	G	-0.0309
rs16991063	A	-0.0607
rs112015396	A	-0.1374
rs139696415	T	-0.2094
rs6008266	C	0.0389
rs117074216	A	0.1157
rs17589429	C	-0.0379
rs13054609	C	0.0517
rs62232252	T	-0.2282
rs79519596	T	0.1515
rs4821505	T	0.0289
rs13054977	G	0.0443
rs9612371	T	0.0452
rs3218312	G	-0.0326
rs117577285	T	0.1458
rs139721	G	0.0477
rs28654856	C	-0.0579
rs145240808	G	0.1737
rs5760894	C	0.1178
rs35583346	G	0.1282
rs9306297	A	0.033
rs13056570	C	-0.0349
rs133911	G	0.036
rs9628506	T	0.0336
rs2074739	G	0.0269
rs62236202	A	0.0621
rs7292206	T	-0.0645
rs3747273	A	-0.0673

rs144508602	T	-0.1384
rs5750461	C	0.0485
rs455049	T	-0.0574
rs8135854	C	0.028
rs73878677	A	-0.0423
rs79183605	A	0.0775
rs80353162	C	-0.1215
rs57967659	G	-0.0543
rs117105189	A	0.1138
rs5769386	G	0.0304
rs6519013	C	0.0504
rs28460675	T	-0.0943
rs5753453	A	-0.0931
rs5996014	T	-0.0327
rs34320195	T	-0.165
rs9616350	A	-0.0576
rs79570533	C	0.0456
rs9627749	A	0.1125
rs6004241	T	0.0454
rs17004024	T	-0.0803
rs171438	T	0.0321
rs112061145	A	0.0696
rs140009	A	0.0318
rs16982398	C	-0.0382
rs131393	T	0.0783
rs10222269	A	-0.0832
rs16982255	C	-0.0869
rs5747409	G	-0.028
rs1983609	T	-0.0324
rs136687	T	0.0634
rs7287350	T	0.0712
rs13057732	C	-0.0828
rs5761473	T	0.028
rs61756762	A	0.1882
rs5747103	T	0.0284
rs11705281	A	-0.0601
rs3788461	T	0.0284
rs12157766	G	0.0661
rs2284057	A	0.1478
rs2018292	G	0.0316
rs6006687	A	0.038
rs723553	A	-0.0275
rs1005491	A	-0.0304
rs79064620	T	0.0646
rs139063190	A	-0.1822
rs76160051	T	-0.1636
rs146354449	A	-0.2223

rs150919209	C	0.1263
rs11089749	C	0.0457
rs2285919	C	0.0489
rs117506927	A	0.087
rs5999196	T	-0.0449
rs2008519	T	0.0273
rs117040129	T	0.1816
rs713953	C	0.0474
rs738370	A	0.0309
rs79564486	T	-0.0751
rs5994033	C	0.0297
rs397478	C	-0.0323
rs35653875	A	-0.1104
rs117937837	G	-0.1588
rs73178447	A	-0.0749
rs134793	T	0.0812
rs112006800	T	0.0464
rs909494	T	-0.0407
rs117691471	T	0.1686
rs5747197	A	0.1042
rs28431464	A	-0.0429
rs2269779	T	0.0541
rs9608521	T	-0.0519
rs6009234	T	0.0277
rs9622756	A	-0.0295
rs114083755	G	-0.0912
rs112035294	T	0.068
rs79558288	A	-0.133
rs135256	A	-0.0372
rs2301501	A	0.0437
rs7287568	C	-0.1027
rs12169892	A	-0.0471
rs117322830	A	-0.1678
rs113813999	G	0.1354
rs117982527	T	-0.1532
rs77049949	T	-0.0864
rs140848213	A	-0.1381
rs2009374	G	0.0265
rs80255070	T	-0.0725
rs9680567	T	-0.0395
rs141953471	T	0.1095
rs5760637	C	0.0263
rs55781028	T	0.0296
rs73174925	T	-0.0909
rs5759650	T	0.0347
rs35086751	C	0.0406
rs137917168	A	-0.1343

rs74444868	T	0.044
rs73166082	T	0.088
rs133985	G	0.0569
rs2330578	T	-0.0257
rs6008688	T	-0.0299
rs1894431	T	0.0581
rs146569038	T	-0.1406
rs142837365	G	-0.1782
rs137451	A	-0.0484
rs8135600	G	-0.0512
rs62238591	T	-0.1477
rs9618619	T	-0.0706
rs142127124	T	-0.282
rs71311690	C	0.0416
rs5750769	T	-0.0436
rs12157457	G	-0.0536
rs2078747	A	-0.0488
rs139951647	T	-0.1876
rs4822740	T	0.0658
rs2009816	A	-0.038
rs5999796	A	0.0537
rs113457190	A	-0.111
rs2281113	A	-0.1231
rs9621684	T	-0.0351
rs117863931	T	0.0681
rs133753	G	0.0255
rs2267452	A	-0.0338
rs12170952	A	-0.0491
rs926232	G	0.0422
rs13054111	T	-0.0631
rs58291507	G	0.0458
rs73173191	A	0.1059
rs78617269	T	0.0615
rs9607468	A	0.0508
rs149277501	A	0.1005
rs73172241	T	0.0425
rs1978055	C	-0.0297
rs145308917	C	-0.0939
rs7285945	G	-0.026
rs5766248	A	-0.0342
rs2267597	T	-0.0364
rs141175264	T	-0.0394
rs71318973	T	0.045
rs13053966	T	0.0307
rs73429402	A	0.1838
rs4416	A	0.0262
rs34016471	A	0.1762

rs5752431	T	0.0379
rs5998994	C	-0.1225
rs79858848	G	0.0867
rs11703211	G	0.1063
rs9619869	A	0.0388
rs62241082	G	0.1327
rs1894241	T	0.0732
rs75634590	T	0.092
rs2871041	T	-0.0351
rs5761394	G	-0.0635
rs5997852	G	-0.0289
rs117399973	A	-0.2488
rs11913756	C	-0.0416
rs9615646	T	0.1242
rs12170974	G	-0.0587
rs78725784	C	0.0368
rs116866769	G	0.0874
rs77144800	A	-0.0536
rs117161568	G	0.1494
rs136805	C	0.031
rs12628757	G	0.0557
rs2007611	T	0.031
rs12484945	T	0.0612
rs62227979	A	0.0368
rs55877906	T	0.1186
rs2176658	C	-0.163
rs139201	G	0.0266
rs35728210	A	-0.1651
rs74927881	T	0.1659
rs112991254	A	0.0979
rs1990502	G	-0.0481
rs13056905	T	0.0452
rs111453195	T	0.0419
rs5993457	G	0.1186
rs7286093	T	-0.0868
rs118038042	T	-0.1567
rs9609801	G	-0.0292
rs2144784	A	0.0853
rs73173146	T	0.0677
rs73183332	T	0.1437
rs8140821	C	-0.0998
rs113368793	A	0.0594
rs2179850	G	0.0262
rs149004280	T	0.2068
rs2189078	A	0.0345
rs4823345	A	0.043
rs459177	T	0.0638

rs56413761	A	-0.0907
rs56791421	T	0.1116
rs117556915	A	0.1885
rs132689	A	-0.0276
rs5757746	A	-0.0318
rs11912248	C	-0.0399
rs5759758	G	0.0665
rs5748263	G	-0.0399
rs117755943	A	0.2282
rs78797712	A	-0.1498
rs76850983	C	0.101
rs79080767	A	0.1113
rs77831035	C	0.0786
rs2472786	G	-0.027
rs885983	G	-0.0262
rs10483168	T	-0.0337
rs6009556	C	-0.0521
rs5993550	G	-0.0285
rs5750708	A	0.0295
rs729512	T	0.0406
rs9613317	A	0.0306
rs116753771	C	0.1006
rs16985013	G	-0.0734
rs148814059	T	-0.0807
rs74334826	A	-0.118
rs72656933	T	0.1031
rs11704200	T	-0.0796
rs9621992	T	-0.1187
rs6007798	A	0.0272
rs655656	T	0.0343
rs84512	A	0.0271
rs77099570	A	0.126
rs1131603	C	0.0918
rs73159334	T	-0.0839
rs112147479	T	-0.1085
rs382819	A	-0.0287
rs34775147	C	-0.0644
rs16982689	T	0.0859
rs117363510	T	-0.1395
rs6005148	T	-0.0355
rs146816191	T	0.1673
rs2234326	A	-0.084
rs138628	C	0.026
rs5748471	A	-0.0253
rs118055717	A	0.1862
rs5756909	C	-0.0289
rs1978060	A	0.0279

rs116365548	T	-0.1744
rs696880	G	0.0283
rs136005	T	-0.05
rs77914367	A	0.1333
rs151330714	A	0.2022
rs78683492	T	0.148
rs6008215	G	0.0368
rs228979	T	-0.0294
rs11705400	C	0.0263
rs62235400	C	0.0818
rs118063921	A	-0.0797
rs35345163	A	-0.0341
rs2540646	G	-0.0469
rs139961	C	-0.0279
rs732274	G	0.0304
rs73162329	T	0.2215
rs10775741	C	0.031
rs17574411	T	0.0488
rs117462236	A	-0.1601
rs17421076	G	-0.0558
rs2157112	T	0.0282
rs117496380	G	0.0894
rs11090676	C	-0.0302
rs5761282	G	-0.0286
rs5756711	G	0.0331
rs8139152	G	0.0298
rs78276112	T	-0.0514
rs940115	C	0.029
rs117130130	T	0.1481
rs138246266	G	0.1491
rs78096699	A	0.0754
rs78561791	A	-0.1683
rs396972	T	-0.0654
rs17721625	T	0.0998
rs196058	A	0.0905
rs147801446	T	0.2307
rs131418	T	-0.0566
rs139108646	G	0.1791
rs6009658	C	-0.0284
rs112298976	A	0.0877
rs5997301	G	-0.0345
rs9617402	A	-0.0724
rs4274683	G	0.0951
rs117979417	T	-0.0781
rs13057470	G	-0.0891
rs36030561	G	-0.094
rs4822092	A	0.0475

rs41283201	A	0.0855
rs7292381	G	0.0253
rs5748982	T	0.0293
rs76224707	A	-0.0913
rs11703360	A	-0.1106
rs12158355	G	-0.0252
rs848715	A	-0.0275
rs75933016	C	-0.1164
rs1555208	T	0.0468
rs35991189	T	0.0757
rs2187966	C	0.0552
rs2179247	T	0.0251
rs3213550	A	-0.0418
rs118167149	G	0.1059
rs139948356	G	0.1452
rs80000651	G	-0.0555
rs78382768	A	0.2132
rs143815299	A	0.1224
rs9624581	T	0.0704
rs714006	A	-0.0304
rs150055926	C	-0.1557
rs2413211	T	-0.0253
rs112542658	T	-0.1831
rs9306229	T	-0.0313
rs6002965	T	-0.0544
rs6000690	G	0.027
rs1884289	G	0.0284
rs143035999	C	0.1894
rs117938738	A	0.0539
rs5756783	A	-0.0269
rs74386185	T	0.0433
rs2157468	C	-0.0281
rs76870387	T	-0.0551
rs79683258	T	0.0685
rs6004015	A	-0.0438
rs143482557	G	0.1216
rs5768501	C	-0.0383
rs76437589	G	0.1981
rs137985	A	0.0242
rs6008250	T	0.0756
rs146892078	C	-0.0641
rs135343	T	0.0301
rs62225406	C	-0.1431
rs9611958	A	-0.0393
rs74993228	T	0.072
rs9615092	C	-0.1162
rs74335326	A	0.0543

rs75976499	C	-0.1096
rs133419	A	-0.054
rs2064540	C	-0.0272
rs5768914	A	0.03
rs4838852	A	-0.0283
rs117875166	G	-0.1372
rs149609089	A	0.1119
rs78193291	A	-0.076
rs9622536	C	-0.0344
rs74624637	T	0.1131
rs11702991	A	0.1181
rs142750911	G	0.0313
rs73160491	G	0.0365
rs132719	G	0.0289
rs73178241	T	0.1121
rs62243115	C	-0.0743
rs141971631	A	0.123
rs16997316	T	0.0437
rs9610372	T	0.0403
rs3859843	A	0.0882
rs1015067	T	0.0251
rs6008407	G	0.0315
rs5769843	C	0.0338
rs9798787	A	0.0583
rs78725208	G	0.0961
rs10483249	A	-0.0931
rs73178469	C	0.1344
rs715579	G	-0.0402
rs11705120	T	0.035
rs112350524	T	0.0518
rs77413058	T	0.0712
rs73164314	G	-0.0804
rs7290462	T	-0.0441
rs4342045	G	0.0383
rs2301405	C	0.0413
rs135424	T	-0.0344
rs141766150	A	-0.0694
rs137914	G	0.0497
rs117267143	A	-0.0819
rs113859782	T	0.1412
rs9623081	A	0.0306
rs364999	C	-0.1155
rs380414	G	-0.0865
rs74432260	T	0.0378
rs9620438	T	0.0568
rs57670047	T	0.0772
rs12484301	G	0.1732

rs5999773	C	-0.0327
rs1884558	G	-0.0268
rs5762196	C	-0.0438
rs118107086	T	-0.1611
rs9607089	T	0.1403
rs147772067	A	-0.1024
rs78014020	G	0.1858
rs76536471	T	-0.0431
rs146190149	T	-0.1844
rs73886519	A	-0.0723
rs9613352	T	-0.0275
rs76970628	T	0.1531
rs134930	C	0.0273
rs56408115	G	0.0892
rs79007074	G	-0.0724
rs62231598	T	-0.0588
rs142143747	A	-0.2103
rs3752518	C	-0.0271
rs62225078	A	0.0571
rs2401520	G	0.0264
rs9616545	A	-0.0378
rs7289981	T	0.0382
rs5764691	C	-0.028
rs165583	A	-0.0236
rs4822579	A	-0.0241
rs62227005	C	-0.1578
rs148241105	A	0.0962
rs174369	G	0.0261
rs738144	G	0.034
rs7287094	C	-0.043
rs142191943	T	0.1975
rs17883954	C	0.1362
rs8141516	C	0.029
rs9614845	T	0.0459
rs1969643	T	0.0269
rs5751285	T	0.0266
rs67574038	C	-0.1935
rs117319966	C	0.1013
rs6006921	G	-0.0325
rs62241528	A	0.0869
rs397709	C	-0.0312
rs16983313	T	0.0536
rs4820097	C	0.0244
rs11913614	A	-0.0753
rs138394	C	-0.0246
rs5759025	C	-0.0354
rs28454300	A	-0.0363

rs28534889	A	-0.0331
rs2179102	G	0.0341
rs133624	A	0.05
rs4823002	T	0.0239
rs6005262	A	-0.0381
rs369250	G	0.0246
rs9623058	G	-0.0266
rs9607134	C	0.1047
rs73160565	A	-0.0477
rs116805682	A	0.0749
rs12628516	G	0.0605
rs143698970	A	0.063
rs12169756	T	0.0508
rs77238267	T	0.1445
rs8135371	C	0.034
rs9625961	G	-0.0592
rs2289713	T	0.1599
rs6003150	T	0.0246
rs35048184	C	-0.0255
rs41277317	A	0.1996
rs9628049	T	-0.0526
rs2215724	G	-0.0657
rs11705225	C	-0.0399
rs9609505	A	0.0244
rs71325290	A	0.0669
rs140629380	A	-0.1753
rs11912946	T	-0.1106
rs145041360	A	0.1421
rs79414894	C	0.1764
rs35520672	A	-0.098
rs5752088	C	-0.0253
rs4466	A	0.0381
rs9606166	T	-0.0776
rs9614200	G	-0.0341
rs2298432	A	-0.0236
rs12161087	T	0.0447
rs77946097	A	0.0885
rs7289911	A	0.0714
rs402909	T	0.1264
rs738353	T	-0.0249
rs116384979	A	-0.1515
rs6003723	C	-0.0356
rs4822269	G	0.0528
rs134026	A	0.0808
rs28431032	G	0.0294
rs13433526	T	-0.0949
rs5764372	A	0.0258

rs9614563	A	0.1427
rs78857754	A	-0.0709
rs4822941	C	-0.0288
rs1056484	T	-0.0239
rs5747217	A	-0.0361
rs9608216	T	0.0534
rs75957958	C	0.0768
rs2401125	G	0.0355
rs5763594	A	0.0409
rs9619262	A	0.0304
rs1474666	A	-0.026
rs9610756	T	0.1275
rs118179232	T	0.1533
rs180816	A	0.0315
rs62241739	A	0.0412
rs2064804	T	-0.0256
rs117357062	C	0.111
rs4820694	T	0.0236
rs909502	T	-0.0238
rs5758731	T	-0.0261
rs5769607	C	-0.0327
rs16991833	C	-0.0671
rs5747130	C	0.0433
rs9609643	A	0.0552
rs35457805	A	-0.1134
rs76660130	G	0.0627
rs112462808	T	0.0336
rs147197125	A	-0.1473
rs146832378	T	0.0799
rs13055536	T	0.0328
rs743863	A	0.0248
rs131300	A	-0.0853
rs5761212	G	0.0922
rs6000632	T	-0.0284
rs117105495	A	0.1829
rs2012540	G	-0.0297
rs34573078	T	0.0291
rs11704509	A	-0.0574
rs926469	G	-0.0429
rs9608562	T	0.04
rs6006606	T	-0.0333
rs66861801	G	-0.0392
rs113897520	T	0.0889
rs76576785	G	0.0907
rs139764	T	0.0243
rs1155802	G	0.0236
rs721930	C	0.0294

rs7286668	C	-0.0293
rs7290120	C	0.0481
rs1000815	A	0.023
rs8135638	G	0.0635
rs5753518	A	-0.0427
rs1008478	C	0.044
rs2857648	G	-0.0236
rs9615013	G	0.0621
rs136636	T	0.0238
rs5765956	C	-0.0247
rs13053272	C	0.0653
rs5765769	T	-0.0259
rs117459505	G	-0.1703
rs138874858	T	0.1607
rs2958652	A	-0.0265
rs9607211	T	0.0285
rs111519424	T	0.0579
rs113460254	C	0.1168
rs16981327	T	0.0628
rs130413	G	-0.0311
rs7286232	G	-0.023
rs480666	T	-0.03
rs5758375	A	0.0979
rs5766037	G	-0.034
rs2267022	C	-0.0256
rs117743999	T	-0.1754
rs5771703	A	-0.0279
rs117961389	A	0.0395
rs12166473	G	-0.036
rs143413725	G	0.0818
rs549204	T	-0.0239
rs116822376	C	-0.0466
rs17751364	C	0.1019
rs13057604	T	-0.0304
rs6003692	T	0.056
rs5757725	C	0.024
rs9624750	C	0.0791
rs12484688	T	-0.0317
rs8138673	G	0.0305
rs2413283	T	-0.0673
rs137821	G	0.0277
rs2001065	T	0.0524
rs6009937	C	-0.0826
rs4820280	T	-0.0242
rs17580791	T	-0.0683
rs7285846	C	-0.0232
rs74329052	A	0.0418

rs141771514	T	0.1524
rs739270	A	-0.0336
rs35582295	G	-0.0696
rs112261532	A	0.0491
rs2231398	T	-0.0234
rs2748228	C	-0.1089
rs132880	C	-0.0357
rs5992465	G	0.0309
rs2106144	T	-0.0649
rs141627283	G	-0.1227
rs75048126	G	0.2092
rs2742637	T	-0.0443
rs112899427	G	-0.0786
rs8136093	A	-0.0357
rs16994755	T	0.0479
rs73883143	T	-0.1211
rs9616743	A	0.0421
rs1580226	T	0.0333
rs56186420	T	0.0709
rs738802	A	-0.0276
rs77884683	T	0.1419
rs757630	T	-0.0284
rs17762500	T	0.0575
rs117820381	A	0.0972
rs117068250	A	-0.1045
rs5767685	C	-0.0465
rs58489539	T	0.072
rs137988	A	0.0319
rs76976452	T	-0.0788
rs117253898	G	-0.1683
rs78481035	G	-0.0539
rs761598	G	-0.0268
rs3218361	T	0.1411
rs64547	T	-0.023
rs9612738	T	0.0286
rs4823358	C	0.0297
rs5769101	A	0.0268
rs60083642	G	-0.1251
rs4821573	A	-0.0346
rs5758826	T	0.0496
rs11089825	T	-0.0269
rs763215	G	0.0283
rs117289461	C	0.0701
rs73888843	A	0.0528
rs144224453	C	-0.1541
rs78239728	A	0.0751
rs148940248	A	0.1542

rs1210414	C	0.0277
rs149677276	T	0.1481
rs8135214	T	0.0288
rs9610216	G	-0.0252
rs147561029	A	0.1581
rs132045	T	-0.0235
rs9628488	T	0.0292
rs143013326	C	0.1179
rs55920759	A	-0.0856
rs3218255	A	0.026
rs34577248	G	-0.0604
rs5749394	C	0.0335
rs117603629	T	0.1068
rs117647168	T	-0.0865
rs6005634	A	-0.0264
rs41258354	G	-0.066
rs112375575	T	-0.1438
rs9607881	T	0.0593
rs56291802	T	-0.0263
rs117316616	T	0.1164
rs113959751	T	-0.0913
rs8136492	T	0.048
rs8135091	A	-0.0425
rs111779845	G	-0.0919
rs78655229	A	-0.1784
rs8142942	G	-0.0294
rs7284331	C	-0.0302
rs385422	C	-0.0262
rs9616019	A	0.0233
rs801646	G	-0.0238
rs10854792	T	0.0258
rs111460013	C	0.1199
rs9941961	T	-0.0264
rs7284291	A	0.1575
rs17751502	A	0.037
rs62241071	T	0.1034
rs77954081	A	0.083
rs75685993	T	-0.1127
rs77535580	T	-0.1061
rs5768877	T	-0.0349
rs118137006	C	-0.1037
rs57892117	T	0.0689
rs112058074	T	0.0665
rs4819845	C	-0.0482
rs2904573	C	-0.0295
rs62232208	G	-0.0277
rs362149	T	0.0372

rs725768	G	-0.078
rs881740	G	0.0375
rs132282	C	0.0249
rs5767223	T	-0.0269
rs910310	G	-0.0451
rs61729471	A	0.1704
rs362027	G	-0.0505
rs7287624	A	0.0412
rs135095	T	-0.0317
rs62218975	G	-0.0456
rs7285836	T	0.0249
rs62241183	C	-0.0274
rs35411325	T	0.0224
rs76653253	T	0.0656
rs73181754	C	0.0365
rs2267311	A	-0.0459
rs933222	T	0.025
rs17463891	A	-0.0502
rs8139308	G	0.0327
rs9537	T	0.0273
rs3026685	T	0.0246
rs113637408	T	-0.1235
rs7287640	T	-0.0694
rs111948780	C	-0.0658
rs73167109	T	-0.1512
rs2142536	A	-0.0679
rs140335	C	0.0234
rs742965	T	-0.0356
rs5751206	A	0.0498
rs2008971	C	-0.033
rs62228560	A	0.0551
rs62225920	T	0.0681
rs28362527	C	-0.086
rs71313095	T	-0.0735
rs9306491	A	-0.0369
rs11090417	A	-0.0587
rs151069463	G	-0.1557
rs73182607	A	-0.0776
rs117162572	A	0.1552
rs131132	A	-0.0633
rs62243128	G	0.0439
rs149739525	C	0.0672
rs150059113	C	-0.0411
rs8137125	G	0.052
rs8135120	C	-0.0925
rs2413245	G	-0.0596
rs28459018	T	0.0529

rs137682	A	-0.026
rs3905396	A	0.0616
rs6003979	A	0.0775
rs854970	T	0.0273
rs4390848	G	0.0284
rs79335891	A	0.0557
rs74897626	A	-0.0313
rs240091	G	0.0272
rs142682931	G	-0.1609
rs136663	A	-0.0733
rs143486600	A	0.167
rs2958666	T	-0.0362
rs117733000	T	0.1201
rs5995758	A	-0.0287
rs5765393	A	0.0514
rs73166947	T	0.1356
rs5753449	A	0.0292
rs362241	T	0.037
rs76804951	T	-0.1173
rs76649694	A	-0.0744
rs4145417	G	0.1137
rs9610491	T	0.1464
rs5757508	T	-0.0367
rs134787	A	-0.0331
rs142737602	A	0.1668
rs4819555	T	0.0267
rs117346148	A	-0.0486
rs117841213	T	-0.1268
rs4821140	G	-0.0284
rs112684113	A	0.1132
rs112383740	A	0.0383
rs77026398	A	-0.144
rs56035613	C	-0.0231
rs6009727	C	-0.0262
rs117504107	A	0.1615
rs2070477	A	-0.0237
rs147099636	C	0.1615
rs62231638	T	0.0928
rs115670290	G	0.0823
rs7289308	A	-0.0661
rs2281439	A	-0.0357
rs76433013	T	0.0905
rs732275	A	-0.0371
rs134220	C	0.0336
rs5753783	T	-0.0991
rs4820258	C	0.0318
rs2318955	A	0.024

rs9614789	C	0.0266
rs5754248	C	-0.0222
rs11090924	T	-0.034
rs4078544	T	0.037
rs139160	T	0.0243
rs78134116	C	-0.0514
rs2516089	A	0.0264
rs9614194	A	0.0836
rs34776119	T	-0.0709
rs118190879	A	0.0855
rs117775260	A	0.0991
rs8138705	G	0.0239
rs150886737	C	0.1281
rs9610023	C	-0.0273
rs117088654	A	0.094
rs78333391	A	0.0884
rs73184728	G	0.0394
rs9608617	C	-0.0259
rs79317014	T	0.1482
rs9612262	C	-0.0857
rs58238111	C	-0.0311
rs13057820	C	0.0246
rs2276946	A	-0.0387
rs133524	C	0.024
rs9609139	A	-0.0341
rs143499983	A	0.0807
rs11913058	A	-0.0549
rs16999860	T	-0.1726
rs3744749	A	0.0313
rs62224236	T	-0.0248
rs6003177	G	-0.0614
rs76047728	G	-0.0933
rs3804043	A	0.0235
rs9620727	A	-0.0969
rs73154647	C	-0.043
rs11090364	T	-0.0275
rs9615902	C	-0.0234
rs140365449	A	0.0973
rs77209867	T	-0.131
rs5750463	A	-0.0551
rs8135888	A	-0.0721
rs9614839	T	0.066
rs113155536	C	0.0802
rs76592697	G	0.0976
rs132468	C	0.0399
rs5748101	C	-0.0259
rs139197266	G	-0.1068

rs56011191	A	0.0878
rs138768329	C	-0.1365
rs9614324	G	-0.0415
rs138211230	T	0.1022
rs8139912	A	-0.041
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rs73435879	C	-0.036
rs2239763	A	-0.0234
rs132812	C	-0.0241
rs117941345	A	0.1891
rs35129517	A	0.0775
rs60531650	A	0.096
rs137119	A	0.0285
rs742964	G	-0.031
rs62235399	T	0.0591
rs1894480	T	-0.0311
rs10427608	C	0.0396
rs5750866	A	0.06
rs111628534	G	0.0488
rs5992439	G	-0.0273
rs6004586	G	0.0902
rs73477797	T	0.077
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rs4822444	C	-0.0304
rs6000739	G	0.0242
rs728099	A	-0.0222
rs5767232	A	0.024
rs2239855	C	0.0887
rs7286465	G	0.0458
rs62229125	A	-0.0348
rs76564659	G	0.1055
rs5761355	T	0.0239
rs112461111	A	0.0813
rs421464	T	-0.0814
rs117712900	A	0.1487
rs41304669	T	-0.1504
rs6519569	A	0.021
rs6519365	T	-0.0223
rs11913996	G	0.1444
rs9612787	T	-0.0327
rs12170498	T	0.0329
rs7456	G	0.0242
rs73469736	A	-0.1333
rs73161899	A	-0.0604
rs6007849	T	0.0325
rs135735	T	0.023
rs916587	G	0.0455

rs58874138	T	0.0241
rs12483784	G	-0.0885
rs5762401	G	-0.0996
rs117541995	G	-0.1034
rs73888085	G	0.0974
rs9604972	A	0.0281
rs77824277	A	-0.128
rs118111037	T	-0.0962
rs131430	A	0.023
rs73481403	T	-0.0732
rs5770363	G	0.0283
rs130305	A	-0.0452
rs117144213	A	0.0561
rs117920337	T	-0.1371
rs80134322	T	0.0844
rs149971930	T	-0.0634
rs739015	T	-0.0428
rs5994313	G	-0.023
rs738203	G	-0.0243
rs75591616	A	-0.125
rs145444539	A	-0.1236
rs75053024	T	0.1166
rs75188079	A	-0.0378
rs56195319	T	0.0448
rs55791681	A	-0.0479
rs2878903	C	-0.0221
rs113513392	C	0.0405
rs136657	T	0.0299
rs5746441	G	0.0226
rs34829508	T	-0.102
rs2076096	T	0.0506
rs75883819	T	0.0667
rs9606210	G	-0.0248
rs7354810	T	-0.0327
rs7287491	T	0.0272
rs6009534	G	0.0239
rs16998038	A	0.0654
rs739078	C	0.0229
rs1043606	C	-0.029
rs9605327	C	-0.1555
rs79398422	T	0.0982
rs148641002	C	-0.0651
rs2267098	T	-0.0322
rs9607477	C	0.0398
rs9608865	C	-0.0715
rs9616937	T	-0.0299
rs9616807	A	0.0437

rs228976	G	-0.0349
rs17821572	C	-0.0562
rs5994130	A	-0.0248
rs73153979	G	0.0345
rs13057369	A	-0.0723
rs5759415	T	-0.0383
rs2748221	C	-0.0305
rs7292316	G	0.0259
rs117835064	A	-0.0883
rs4820706	A	-0.0231
rs4822717	A	-0.038
rs79374950	A	0.0772
rs9604766	C	0.0487
rs1894588	T	0.0739
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rs77542517	G	-0.1097
rs62224025	T	0.0677
rs73170422	A	0.0416
rs35234745	C	0.0542
rs720439	A	0.025
rs9617104	C	0.05
rs5764546	T	-0.0493
rs6008166	G	-0.0227
rs9616947	T	-0.0239
rs117540147	T	0.0365
rs11703414	T	-0.0567
rs5992883	T	0.0903
rs5748271	C	0.0341
rs9614274	T	0.1002
rs12169215	A	0.0233
rs143956315	T	0.1655
rs363985	C	-0.0239
rs8138465	T	-0.0614
rs140104	T	0.0213
rs34841112	A	0.0703
rs6518816	C	-0.0423
rs139759153	G	0.1144
rs146854087	C	0.0924
rs9917559	A	-0.0296
rs4821478	G	0.0217
rs5748859	A	0.0799
rs2244104	G	0.0289
rs5761319	T	-0.0218
rs138969780	A	0.1545
rs35275807	C	0.1152
rs929086	A	-0.0509
rs2071749	A	0.0202

rs13053400	A	-0.0435
rs12483811	T	0.0225
rs74388843	T	0.0815
rs62238539	A	-0.0373
rs118052695	A	-0.0562
rs117922318	T	-0.1052
rs148595778	C	-0.092
rs118077563	T	0.0881
rs7285562	A	-0.0209
rs4822843	T	-0.0221
rs17696356	A	-0.0505
rs5765532	T	0.0242
rs16980203	G	-0.051
rs17579425	A	0.0478
rs74510107	A	0.0934
rs12484084	C	-0.0472
rs133854	G	-0.0235
rs117482135	A	0.1258
rs117694758	C	0.0928
rs5749303	A	0.0361
rs143168701	C	-0.092
rs5768770	A	0.0247
rs2283858	C	-0.0347
rs9615146	C	-0.0274
rs1003505	A	-0.0442
rs131800	A	-0.0781
rs136719	A	0.0661
rs34286570	G	0.029
rs743741	C	-0.0297
rs138963	T	-0.0283
rs737724	A	-0.0266
rs11090640	T	-0.0665
rs55887944	A	-0.056
rs78477728	T	0.0993
rs76119306	A	0.1191
rs2231495	C	0.0228
rs28693695	A	0.1276
rs5756152	A	0.0658
rs1002246	A	0.0303
rs117154129	G	0.0735
rs144481979	A	0.1247
rs5747974	C	-0.0457
rs117636276	T	0.1421
rs9623792	T	-0.0351
rs62228462	A	0.0717
rs9608575	G	0.0232
rs147091491	G	-0.0964

rs134797	T	0.0239
rs5771214	T	-0.031
rs5998705	G	-0.0253
rs9615237	G	0.0675
rs9623686	T	0.0329
rs141660144	T	0.1395
rs5752266	C	0.0844
rs5756531	A	-0.0269
rs117565257	C	-0.0871
rs9616879	G	0.0591
rs145197379	A	0.1548
rs1109081	G	0.0248
rs4445	A	-0.0257
rs79194687	A	-0.0535
rs11703376	T	-0.0227
rs35789377	T	-0.0405
rs41281529	T	0.0396
rs5999731	C	0.0311
rs73889940	T	0.0616
rs5758750	A	-0.0409
rs9612360	G	0.026
rs133646	C	-0.0235
rs4297982	A	-0.1132
rs117236232	A	0.1142
rs5766806	G	-0.0788
rs1014674	A	-0.0232
rs1465225	C	-0.0221
rs7289378	G	-0.0259
rs9627357	G	-0.0766
rs112058433	A	0.0686
rs570286	G	-0.0232
rs80236166	A	0.0394
rs6006486	A	0.0236
rs5754085	T	0.0937
rs5750841	A	-0.0223
rs57682652	C	0.1573
rs556366	A	0.1387
rs4626025	C	-0.0213
rs114263951	T	0.1655
rs117035776	C	-0.1202
rs75947870	A	-0.0694
rs5992372	A	0.0252
rs6001343	A	-0.0341
rs11913443	G	0.0715
rs4821235	A	0.0225
rs135264	C	-0.0247
rs362220	C	-0.0213

rs372655	A	0.0293
rs5765871	C	0.0266
rs6005202	G	0.0675
rs12163046	G	0.0349
rs76178946	T	0.091
rs35201299	A	-0.039
rs5747400	G	0.0229
rs73145651	C	-0.0857
rs12628411	A	-0.0214
rs4823298	C	-0.0204
rs6008079	T	0.0509
rs79841658	T	-0.0575
rs117474288	T	-0.1689
rs8135511	T	-0.0402
rs2238797	C	-0.0437
rs2267342	A	0.0222
rs130135	T	0.0291
rs79171893	C	-0.0963
rs760769	A	-0.0212
rs73165614	C	-0.0858
rs5748948	G	-0.0276
rs9620961	C	-0.0208
rs5753760	C	0.068
rs143926502	A	0.1654
rs9605254	G	0.0248
rs137994	C	-0.0262
rs8139683	C	0.0204
rs11703793	C	0.1023
rs11570751	A	0.0382
rs2239394	A	0.0442
rs12628277	A	0.022
rs4820415	A	-0.072
rs79344050	T	-0.0264
rs111290660	C	-0.1061
rs6007851	A	-0.1252
rs140947314	A	0.0917
rs2845343	A	-0.0315
rs403478	C	-0.023
rs5996614	G	0.1037
rs79223236	A	0.0728
rs926233	A	0.0251
rs9624615	A	0.0442
rs77656474	A	-0.0572
rs56024536	T	0.0883
rs9611183	C	0.0328
rs2319351	C	-0.0237
rs17400681	A	-0.1144

rs61174692	T	-0.032
rs113023447	A	0.0969
rs73164860	G	0.1657
rs143095425	A	-0.1133
rs5752503	A	-0.0482
rs12628909	T	-0.022
rs715506	A	0.021
rs2331312	A	0.0313
rs739140	G	0.0323
rs6010197	A	-0.0275
rs5756881	A	0.0372
rs56265548	T	0.0877
rs4823685	T	0.0342
rs73165649	G	-0.0607
rs73434537	A	-0.0367
rs117990845	C	-0.0735
rs114520758	C	-0.0609
rs1467436	C	-0.021
rs118071675	C	-0.0889
rs71311664	A	0.0215
rs12484542	T	-0.0975
rs7292407	A	0.0201
rs137883	T	-0.0234
rs739373	A	0.1091
rs2285196	T	0.0203
rs2537972	C	0.0213
rs141303849	C	0.1266
rs132631	A	0.0264
rs5748508	A	0.0199
rs78803288	G	-0.0758
rs73148927	T	-0.1079
rs117289855	T	0.0908
rs4823468	T	-0.0219
rs2142535	T	0.0219
rs130870	T	0.1
rs75524370	G	0.0587
rs372055	G	0.0364
rs77562022	G	-0.1295
rs11704158	T	-0.0497
rs78260733	C	0.0762
rs2076212	T	-0.0328
rs117112776	A	-0.0338
rs2858737	A	0.0608
rs6001658	G	-0.0296
rs17001868	C	-0.0296
rs73173189	T	0.086
rs4050099	G	0.0416

rs139701928	T	-0.0956
rs751367	T	0.0873
rs136800	A	-0.0223
rs34261353	G	-0.1038
rs149092394	T	0.104
rs34189568	C	-0.0261
rs8135723	T	0.0199
rs228937	G	-0.0378
rs117243167	T	0.1581
rs138949146	A	0.0788
rs9621508	C	-0.0197
rs9620039	T	0.0202
rs4822701	A	0.022
rs73171652	T	0.0507
rs117318992	A	-0.0616
rs1936950	T	-0.0397
rs9333321	T	-0.1249
rs13057533	T	0.0218
rs28656779	A	0.0361
rs150519227	A	-0.1121
rs136772	G	-0.0363
rs145610589	T	0.0788
rs4484121	T	0.0376
rs149457953	T	0.0807
rs875419	A	0.0303
rs5994129	G	-0.0199
rs5750720	A	0.0232
rs71318962	A	0.0462
rs383293	T	0.0536
rs60069154	T	-0.0589
rs113834068	G	0.0629
rs118017896	A	-0.1023
rs75269301	A	0.0992
rs12484924	C	0.0388
rs713683	A	0.0246
rs4253662	A	-0.0351
rs9608102	T	0.0351
rs56180415	T	0.0416
rs7286910	G	-0.022
rs74752299	C	-0.1014
rs78727359	C	-0.0754
rs9610061	A	-0.0373
rs35647317	G	0.06
rs56191632	C	0.0554
rs5756781	G	0.0231
rs5758918	C	0.0388
rs77297738	T	-0.0777

rs10428038	T	0.0487
rs137307	C	-0.0358
rs12106560	A	-0.1148
rs112979011	T	-0.1124
rs11913458	A	-0.0293
rs117995693	A	-0.1506
rs59219870	G	-0.0648
rs148912779	T	-0.1417
rs3788518	C	-0.0261
rs6000671	G	-0.0207
rs118080589	A	-0.0872
rs5756232	A	-0.116
rs35411594	G	-0.0388
rs2072552	A	0.0549
rs141207336	T	0.1616
rs5028142	A	-0.0213
rs2179559	A	0.023
rs145137293	G	0.085
rs17344110	A	-0.0563
rs149570445	A	0.1129
rs76400344	A	0.0639
rs7290891	C	0.1355
rs17311	C	0.0209
rs5992154	A	0.0475
rs743758	A	-0.0277
rs9614486	G	0.0222
rs17000930	T	-0.0569
rs5748871	G	0.0197
rs79627501	T	0.1247
rs739007	C	0.0193
rs77691176	A	0.086
rs174696	C	-0.0285
rs11090767	A	0.0265
rs74417775	A	-0.105
rs5995715	C	0.0238
rs2267122	A	0.1361
rs11913358	G	-0.0578
rs9617816	G	0.0537
rs113070398	G	-0.0833
rs117184725	G	0.0992
rs4474971	G	0.0636
rs5769852	T	0.0241
rs8135045	G	-0.0902
rs4253712	G	-0.0586
rs79971671	G	0.0334
rs5770969	T	0.0694
rs59650998	A	0.0608

rs117164661	C	0.1163
rs2092079	C	-0.0216
rs1489884	A	0.0669
rs1557528	C	0.1841
rs4413	C	0.0204
rs4821137	G	-0.0237
rs1997693	G	-0.0246
rs72619563	A	0.044
rs132032	A	-0.0235
rs73473520	C	-0.0615
rs79715018	C	0.0709
rs5759924	T	-0.0353
rs55756604	G	0.034
rs118164803	T	0.0895
rs146095191	C	-0.1161
rs9614474	T	0.0938
rs41277487	A	-0.0375
rs8136166	T	-0.0482
rs76239491	A	-0.1024
rs2413440	G	0.019
rs12484880	G	-0.0361
rs35930634	T	-0.0519
rs80210	A	0.1072
rs130865	A	-0.0516
rs11913459	A	-0.0481
rs9625158	G	0.0515
rs55868620	A	-0.0344
rs6009424	A	-0.0402
rs5993811	A	0.0352
rs138882006	A	-0.1051
rs113231526	A	0.0593
rs17742344	A	0.0392
rs150120694	G	0.0922
rs118066044	A	0.0549
rs4820123	C	0.0972
rs5746469	C	0.0361
rs116914609	T	-0.0573
rs139973547	A	0.0601
rs6008891	A	-0.019
rs9610404	A	-0.0262
rs549378	C	-0.0232
rs5992874	A	-0.0212
rs116899346	T	0.1063
rs112540522	T	-0.0513
rs45474596	T	0.0357
rs117490594	G	0.074
rs56113849	T	0.0409

rs77709492	A	0.0312
rs5768881	G	0.0333
rs9616531	C	-0.0239
rs116851115	G	-0.1856
rs142834934	T	-0.1849
rs73155750	C	-0.0794
rs113683292	A	-0.071
rs9612028	C	-0.0279
rs78839760	A	-0.0618
rs202407	A	0.1004
rs9622935	G	0.0653
rs117039602	C	0.0868
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rs5765015	A	-0.027
rs9609705	C	-0.0346
rs116909307	G	0.1114
rs74386538	A	0.0401
rs9613187	T	-0.0357
rs80039902	T	-0.0357
rs2331169	T	-0.0246
rs77515656	G	0.1184
rs60342582	T	0.0447
rs369613	G	0.1267
rs6518828	A	0.0223
rs148842996	A	-0.0543
rs117279666	T	-0.1211
rs2213149	G	-0.0584
rs9612929	C	-0.0598
rs139089	G	-0.0191
rs150571070	A	0.099
rs9613168	G	0.0207
rs76233459	A	-0.1214
rs6000158	A	-0.0272
rs5748474	A	0.0243
rs79169291	T	-0.0963
rs2232181	C	-0.1215
rs71330749	T	-0.0311
rs1663126	T	-0.0526
rs16983347	A	0.0472
rs12166968	G	0.0459
rs2097411	A	0.0254
rs5761591	A	0.0389
rs73886025	G	0.0296
rs116968692	G	-0.1083
rs78619223	T	-0.0375
rs35881890	A	0.0457
rs116950499	A	-0.1925

rs142883180	A	-0.1029
rs9621603	A	-0.0516
rs113561208	T	-0.0911
rs133639	A	-0.1115
rs78133244	C	-0.0729
rs67831456	A	-0.0524
rs472409	T	0.0271
rs73877351	A	0.031
rs75757605	G	-0.0677
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rs4820944	G	-0.0191
rs8138760	T	-0.0307
rs5752529	A	-0.0202
rs62237616	T	-0.0969
rs117883934	G	-0.111
rs73436423	A	-0.084
rs926329	T	0.0207
rs9628245	C	0.0294
rs9619442	T	0.0771
rs17635540	A	-0.0215
rs76880662	A	0.0533
rs3788704	T	-0.028
rs76337376	A	0.0745
rs117094767	A	-0.0666
rs9306257	C	0.0209
rs6519817	T	-0.0223
rs2301498	G	0.0353
rs11703656	T	0.1539
rs137981952	T	0.0914
rs62227567	C	-0.1109
rs139568880	T	-0.1609
rs5754794	T	-0.0861
rs34915139	A	0.0436
rs5753356	A	-0.0191
rs150012253	G	-0.0732
rs4823325	C	-0.0249
rs67278983	A	-0.0475
rs141424920	A	0.0784
rs6519771	A	0.0529
rs55964650	T	0.0321
rs5752023	T	0.0686
rs6005922	A	0.0324
rs6002719	C	-0.0513
rs6007062	G	0.0335
rs117222100	A	-0.1174
rs12484807	T	-0.0319

rs140475880	G	-0.0667
rs73162353	T	0.0392
rs35413610	T	-0.0831
rs616757	T	-0.0424
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rs151311757	A	0.0816
rs138527999	A	-0.0881
rs5999858	T	0.0262
rs739121	T	-0.022
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rs147969778	T	0.0741
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rs112637369	A	-0.0632
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rs8136930	G	0.0201
rs5767229	A	0.0413
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rs115270691	A	-0.0972
rs12158397	C	-0.0471
rs2272857	A	0.0242
rs117648093	A	-0.1441
rs145438721	T	0.0763
rs483997	G	-0.0212
rs67151296	C	-0.0225
rs28701494	C	0.0588
rs5997619	T	0.0428
rs75091431	A	-0.0663
rs150209675	T	-0.0862
rs713999	A	-0.0184
rs139501276	T	-0.1785
rs6007235	T	-0.0751
rs909490	C	-0.0213
rs149833648	A	0.1138
rs35586614	A	0.0478
rs5760574	C	0.0311
rs62235995	T	0.0887
rs6000120	T	-0.022
rs139729	C	-0.0289
rs6010596	C	0.0211
rs28661849	C	-0.041
rs2899279	T	0.0214
rs62236496	A	0.0398
rs114495935	A	-0.0594
rs5748736	G	0.0205
rs34140548	C	-0.0212
rs6006070	C	0.0432

rs5002334	C	-0.0339
rs73391767	T	-0.0433
rs117440744	T	-0.0839
rs117824015	T	-0.1699
rs6002655	T	0.0188
rs2688115	T	0.024
rs77378082	G	0.1037
rs2895332	G	-0.0199
rs117829950	T	0.088
rs4823789	A	0.026
rs28522179	T	-0.0283
rs9628184	A	0.0228
rs150299953	A	0.0617
rs8137793	A	0.0253
rs140394	G	-0.0205
rs5768862	C	-0.0322
rs59987323	C	-0.0268
rs117359599	C	0.0769
rs5769971	C	0.0289
rs5755241	C	-0.0193
rs131773	T	-0.0218
rs9609728	C	-0.0523
rs112360469	C	-0.1275
rs882158	G	0.0283
rs28546641	T	0.0353
rs147453927	A	0.0934
rs75807694	G	0.0625
rs9610989	C	0.1015
rs2272937	A	-0.0243
rs17818792	A	0.0201
rs62218991	A	0.0507
rs135258	A	0.0266
rs7290691	T	0.0253
rs12483995	T	-0.0458
rs2013686	T	0.0614
rs4823544	G	-0.0317
rs6005417	A	0.0487
rs12159376	T	0.0211
rs59058721	T	-0.0791
rs35845824	A	0.0239
rs28413977	A	0.0222
rs117032738	A	0.0618
rs117495199	C	0.0572
rs713628	G	-0.0203
rs118061123	G	0.1281
rs55784528	A	-0.0482
rs62222797	G	-0.0511

rs2097445	A	0.0231
rs74362858	A	-0.0769
rs117274015	G	0.059
rs113054100	T	-0.0218
rs136140	T	-0.02
rs2401499	T	-0.0238
rs150685861	A	0.1258
rs5756808	T	-0.0282
rs6000745	T	0.0876
rs11703457	G	0.0502
rs75790518	T	-0.0364
rs131036	G	0.0396
rs74423436	A	-0.0471
rs6002747	G	0.0364
rs6001621	A	-0.0321
rs13058560	A	0.0501
rs28627610	A	0.07
rs149342842	A	0.0626
rs7290667	C	0.0393
rs78718739	A	0.0374
rs137302	C	0.0241
rs56143758	C	0.055
rs56249624	T	-0.041
rs5766533	T	-0.0222
rs9610183	C	-0.0746
rs17574319	C	-0.1069
rs117452563	T	0.0421
rs2157188	G	0.0275
rs113269600	A	-0.11
rs7289871	A	-0.1046
rs16998007	C	0.0285
rs4819835	A	0.0201
rs17001091	A	0.0273
rs17764971	T	0.0204
rs77841946	T	0.0514
rs5771133	G	0.0417
rs7289165	A	-0.0362
rs150711287	T	0.0701
rs143736752	C	0.0843
rs56077306	A	0.0238
rs150934803	A	-0.0544
rs75696883	T	0.0706
rs59824418	G	-0.0549
rs12483800	G	-0.0538
rs5762005	T	0.02
rs5761665	T	-0.0186
rs5754845	T	0.0207

rs5757577	A	-0.0219
rs1573747	T	0.025
rs145618686	A	0.0911
rs4823047	A	0.0929
rs74642428	T	-0.0956
rs113176204	G	0.047
rs138579	T	0.0254
rs4820910	T	-0.0257
rs67115	A	0.018
rs144065672	A	0.0922
rs5760717	A	-0.0276
rs9612548	T	-0.0401
rs78142366	T	-0.0403
rs5992650	G	0.0976
rs1210601	T	0.0329
rs77313540	C	-0.0471
rs12159743	G	-0.0322
rs73154578	A	-0.0631
rs149231425	T	-0.075
rs117408265	T	0.124
rs117276455	T	0.1434
rs12166796	T	0.0486
rs2743819	A	0.022
rs73174337	G	0.0816
rs117019075	G	-0.0879
rs7284428	T	0.0282
rs41283225	A	-0.0943
rs12162699	C	-0.0201
rs9609547	T	-0.0693
rs77708194	C	-0.0836
rs77689376	A	-0.0829
rs73162240	G	-0.0574
rs117095815	T	-0.0568
rs55951635	A	-0.0365
rs116986609	A	-0.0425
rs4501037	C	-0.0183
rs55958136	T	0.0903
rs5755960	C	-0.046
rs362089	G	0.0235
rs2049974	A	-0.0194
rs111426300	A	0.1049
rs77572218	G	0.1003
rs118027103	C	-0.0724
rs5994723	T	0.0702
rs5758902	A	0.0186
rs9609581	A	0.0394
rs5768213	T	-0.018

rs73154053	T	0.0745
rs13056468	A	-0.026
rs4820028	G	0.0169
rs112928285	G	0.0824
rs228952	T	0.0274
rs743531	T	0.0207
rs114577564	C	0.0287
rs142238209	G	-0.0963
rs1883169	A	-0.0508
rs5755447	A	0.021
rs84511	G	0.0237
rs9614732	T	0.018
rs140873515	T	0.083
rs139730315	A	-0.0388
rs5763914	T	0.1027
rs4823981	G	-0.0222
rs2283985	G	0.027
rs2004522	G	0.0704
rs6005231	A	0.0179
rs5749118	C	-0.0253
rs6003648	A	0.0176
rs5753826	G	0.0334
rs4501036	C	0.0239
rs28613882	A	0.0732
rs28606049	C	0.042
rs73180720	T	0.022
rs1540900	C	-0.0559
rs9609471	T	0.0511
rs11704768	C	0.0483
rs12158679	C	-0.1401
rs145248156	C	-0.1033
rs910541	C	-0.0176
rs4824056	G	-0.0313
rs3830108	G	-0.0195
rs62226991	T	-0.0473
rs17834998	T	-0.0344
rs688425	A	-0.0177
rs7284581	C	-0.022
rs112710777	G	0.0528
rs1974462	C	-0.0252
rs2092196	G	-0.0325
rs112054358	G	0.064
rs2013215	C	0.0435
rs117903458	A	-0.0983
rs12485013	A	0.0305
rs12483981	A	-0.0297
rs13055271	C	-0.0222

rs35573979	G	-0.0332
rs5750543	A	0.0246
rs135284	T	-0.0278
rs59996791	G	-0.0411
rs9605079	A	0.0231
rs4645779	T	0.0789
rs8135616	T	0.0502
rs136958	A	0.0199
rs130316	T	-0.0188
rs117744613	G	0.1156
rs141081703	T	0.1012
rs135198	A	-0.0187
rs1894453	C	0.0172
rs58198963	A	0.0503
rs6000214	A	-0.0311
rs5759190	C	-0.0778
rs7510927	A	0.019
rs74910861	A	-0.0709
rs76548786	G	0.0691
rs7285501	A	0.0218
rs855066	G	0.0224
rs2157538	T	-0.0176
rs139789	C	-0.0224
rs112973136	A	0.0583
rs73171591	C	0.0947
rs55941025	A	0.1083
rs62227688	C	-0.0239
rs3893495	C	-0.0174
rs5769091	A	-0.0494
rs181399	C	-0.0229
rs17209532	A	0.021
rs4819879	C	-0.023
rs5768239	G	0.0286
rs141139016	T	-0.1271
rs74550883	C	0.083
rs8138077	A	0.066
rs79941757	A	0.1162
rs56331637	A	-0.0244
rs5751950	T	-0.0191
rs5995601	G	0.0227
rs2076672	T	0.0192
rs986646	C	0.0385
rs5766137	T	0.0405
rs8137352	T	0.0378
rs8142615	T	0.019
rs3788315	A	0.0389
rs145993326	T	-0.1527

rs12167035	T	-0.0228
rs117089825	G	0.1712
rs734799	C	-0.0182
rs769224	A	0.1177
rs117090839	T	-0.0768
rs2688143	T	-0.0196
rs138142	G	-0.042
rs62230764	A	0.0788
rs117091669	G	0.0568
rs147793685	A	0.1469
rs16990801	A	-0.1086
rs738799	C	-0.0176
rs5764153	G	-0.0201
rs5755418	G	-0.0192
rs6004609	A	0.0247
rs12158985	A	0.0682
rs143117056	T	0.1398
rs134186	G	0.0168
rs5995687	A	0.0322
rs9607528	G	-0.0209
rs13055495	G	-0.0169
rs137912	T	-0.0317
rs62226388	T	0.0342
rs9306432	T	0.0226
rs62225705	G	-0.0189
rs4645753	A	0.0301
rs76500988	T	0.0953
rs73160602	C	0.0356
rs133588	G	-0.0218
rs75279949	T	0.1162
rs909797	C	0.0188
rs6008614	A	-0.0197
rs5759364	A	0.0811
rs16981208	G	0.0465
rs16994144	C	-0.0443
rs113046252	T	-0.0545
rs7285088	A	0.0668
rs145413860	A	-0.0742
rs12628339	C	-0.0262
rs7292029	C	-0.0449
rs9608642	A	-0.0168
rs5753472	G	-0.0175
rs7292539	G	-0.0535
rs117421558	A	0.0761
rs2518762	G	-0.0188
rs62225715	T	-0.0331
rs73187509	T	-0.0356

rs78585553	T	0.1543
rs742271	T	-0.0294
rs75839745	T	-0.0356
rs132453	T	-0.0291
rs145566570	A	-0.0775
rs5762114	A	-0.0705
rs1985101	T	-0.0228
rs116930843	T	0.0203
rs62224708	C	-0.0196
rs11914132	T	0.0202
rs12484556	C	-0.0208
rs175191	A	0.0278
rs4925406	T	0.0171
rs2283933	C	-0.0214
rs2157733	A	-0.0324
rs9606664	A	-0.0187
rs8142865	G	-0.0296
rs9611804	G	0.0303
rs2267198	C	-0.0398
rs11090372	C	-0.0349
rs62235263	G	-0.0355
rs78225146	G	0.0839
rs11702960	T	0.0254
rs23669	G	-0.0365
rs56144269	C	-0.0284
rs142382905	A	-0.065
rs138605357	T	-0.1127
rs2609850	C	0.0207
rs2235334	T	0.0168
rs2267332	C	-0.0443
rs16992894	G	0.0552
rs5754403	C	-0.0168
rs73187275	G	-0.0481
rs9608247	A	0.0242
rs2294312	C	0.0179
rs117616637	C	-0.0979
rs715622	T	-0.0216
rs406696	G	-0.0167
rs136680	T	0.1064
rs76956926	T	0.0395
rs2213531	G	-0.0169
rs136695	C	0.0218
rs73394202	C	0.0342
rs2103586	G	0.0186
rs6000294	A	0.0502
rs117122218	C	-0.087
rs17761569	A	-0.0477

rs2882356	T	0.0644
rs73155116	T	-0.0525
rs75809471	G	0.0989
rs9614539	C	0.0454
rs117315385	T	0.0764
rs9617497	A	-0.0206
rs6005471	A	0.0223
rs861858	A	0.0252
rs144054147	G	0.0715
rs4823500	G	-0.0256
rs6010152	G	-0.0312
rs142846988	T	0.0584
rs6005856	A	-0.0486
rs17436198	T	-0.0795
rs11704856	T	-0.0402
rs5993784	A	0.0173
rs117051531	G	-0.0515
rs848708	T	0.0333
rs6005353	A	-0.0586
rs131692	C	0.0421
rs5761707	G	0.0176
rs714191	C	-0.0208
rs142030045	A	0.0775
rs11912319	G	-0.0364
rs17669621	C	0.0215
rs2413239	A	-0.0168
rs74621382	A	0.0383
rs73179587	A	0.07
rs117262463	C	0.0966
rs111885772	A	0.1099
rs9621033	C	0.0579
rs28584577	C	-0.0191
rs8137706	T	-0.0276
rs4819784	A	0.0211
rs5754838	G	-0.0307
rs112077620	T	-0.0835
rs9619444	A	0.0281
rs2013176	G	0.0719
rs113641601	C	-0.0765
rs139077570	T	0.1163
rs80186738	T	-0.0489
rs12169088	T	0.0225
rs73167632	C	0.1027
rs77817923	C	0.0439
rs9608623	C	-0.021
rs7285888	A	0.0824
rs2337496	C	-0.0355

rs131824	G	-0.0196
rs148521375	T	-0.0367
rs2281025	C	0.0357
rs5768637	A	-0.0225
rs5755769	C	-0.018
rs135308	A	0.0165
rs138701295	A	-0.1145
rs5752298	G	-0.018
rs2006253	C	-0.0262
rs2179871	T	0.0205
rs6006909	T	0.0161
rs34404739	T	0.0604
rs113183087	G	-0.0811
rs143636799	T	0.0679
rs8140409	G	0.0683
rs3788395	A	-0.0202
rs5758701	G	-0.1595
rs76908849	T	0.0281
rs2051616	G	-0.0158
rs12160474	C	0.0876
rs9606268	T	-0.1046
rs738971	A	-0.0157
rs55741024	A	-0.0831
rs6518956	G	0.016
rs2269523	G	-0.0169
rs144660700	G	0.0863
rs5765991	T	-0.0255
rs140947018	A	-0.0939
rs1124852	T	-0.0616
rs116943876	A	-0.0298
rs76926687	T	-0.0752
rs4821090	C	-0.0196
rs522537	T	0.0192
rs131212	C	0.0356
rs35826039	T	-0.0197
rs136793	C	-0.0217
rs762964	T	-0.0261
rs79419741	A	0.115
rs910571	A	0.0287
rs9605229	C	0.0349
rs139543946	A	-0.1158
rs34402301	T	-0.059
rs12159217	T	0.0505
rs7291014	T	0.0881
rs12170368	T	-0.038
rs16981698	T	-0.0448
rs71328267	C	0.0436

rs728206	T	0.0188
rs73154546	A	0.0471
rs62225896	A	-0.101
rs136671	A	0.0808
rs10483121	C	0.0327
rs73179589	A	0.0265
rs35119670	G	-0.0856
rs2075956	C	0.0383
rs738276	A	-0.0163
rs12485080	A	0.0527
rs5757628	A	0.0191
rs142735314	A	-0.0942
rs117446426	T	0.067
rs4822546	A	-0.0165
rs1467387	C	-0.0203
rs12627955	G	-0.0565
rs138644	A	-0.0165
rs142070203	T	0.0793
rs79010645	C	0.0734
rs6000648	A	-0.0256
rs5750616	G	0.0193
rs9607010	T	0.0833
rs34292276	T	0.0415
rs62224198	A	0.0787
rs13053245	G	-0.0156
rs116846750	G	-0.0574
rs5749755	C	-0.0397
rs4436	A	-0.0186
rs114270501	A	0.1286
rs111562979	G	0.0629
rs117884976	T	-0.0517
rs138852781	A	0.0984
rs4822394	A	-0.0157
rs16984543	A	0.0238
rs5766388	A	0.0231
rs2239848	A	0.0766
rs7284850	T	-0.027
rs12485086	T	0.0433
rs4822549	A	0.0189
rs138938	A	0.017
rs133576	A	-0.0244
rs848725	C	-0.0171
rs5992732	C	0.0342
rs4822015	A	0.0421
rs77943822	C	0.0539
rs142620747	A	0.0488
rs12628156	G	-0.0273

rs73168676	C	0.0374
rs16990824	C	0.0321
rs2349634	G	-0.0156
rs2269961	T	0.0192
rs130252	C	0.019
rs12330020	C	0.0595
rs28491685	A	-0.0977
rs135004	A	-0.0168
rs638956	T	-0.0168
rs117237236	A	-0.0958
rs5758548	T	-0.0249
rs13053173	T	0.0225
rs34926187	A	0.0195
rs6004483	C	-0.0165
rs62225983	C	0.0829
rs2856875	A	0.0161
rs11704930	G	0.0186
rs13433584	T	0.13
rs174354	C	0.0689
rs5993869	T	0.0283
rs2267484	A	-0.077
rs117652084	A	-0.1007
rs75232099	A	-0.0462
rs117122138	G	-0.0574
rs80034906	A	0.0783
rs12167599	T	0.0608
rs117339104	C	-0.1001
rs73169839	C	0.0615
rs5992616	G	-0.0397
rs739073	T	0.0278
rs137203	T	-0.0881
rs62231579	C	0.0323
rs75485620	G	0.078
rs4820013	T	0.0169
rs6005159	G	-0.0225
rs5994319	G	-0.0305
rs739309	C	-0.0242
rs6004919	T	-0.0297
rs111433978	T	-0.1203
rs2108577	A	-0.0158
rs73169001	T	0.0519
rs10211984	G	0.0335
rs113475280	G	-0.04
rs117025731	A	0.0524
rs4362654	C	0.0194
rs5754745	A	-0.0271
rs5755074	T	-0.0394

rs17687000	T	-0.0335
rs11090932	A	-0.0189
rs78239359	T	-0.1108
rs117525367	A	-0.0436
rs73889908	G	-0.0301
rs9616297	G	0.0261
rs1894523	C	-0.0168
rs117830061	C	0.0976
rs76498283	A	-0.0541
rs6004104	T	0.0369
rs139643881	C	0.0863
rs17803678	A	-0.061
rs2235320	T	0.0234
rs132831	T	-0.08
rs62225410	G	0.0465
rs391085	C	-0.0209
rs973903	T	0.0156
rs117102928	A	0.1482
rs2542337	T	0.0208
rs139279	G	0.0173
rs113633706	A	0.0933
rs4821966	C	-0.0189
rs4822919	G	0.017
rs5766221	T	-0.0165
rs79097546	C	0.1361
rs28714227	T	-0.0417
rs12485196	C	-0.02
rs78174430	C	-0.0606
rs181417	A	0.028
rs9613122	A	0.0277
rs142444761	A	0.0564
rs62225097	T	0.067
rs111428807	T	0.0596
rs112114530	A	0.0391
rs9613403	C	0.0158
rs75426385	A	0.0457
rs117324781	A	0.0668
rs4822279	A	0.0171
rs73156769	G	0.022
rs2522289	G	0.0198
rs41297816	G	0.0192
rs148122504	G	0.0884
rs9615416	A	0.0174
rs150911578	A	0.0617
rs5758880	T	0.02
rs4822272	A	-0.0457
rs73157935	T	0.0447

rs9626899	T	-0.0183
rs58773949	G	-0.033
rs738235	T	0.033
rs5769726	G	-0.0187
rs117641416	G	0.1115
rs737612	A	-0.0165
rs9625241	G	-0.0224
rs17003642	C	0.0631
rs2070471	G	-0.0227
rs62242890	C	0.1095
rs59963075	C	0.0299
rs56310790	A	-0.0427
rs9610179	A	-0.0216
rs4822842	C	0.0288
rs149781979	T	-0.0454
rs61547005	T	-0.0235
rs136856	C	-0.0161
rs76751657	T	-0.0577
rs12628404	T	-0.0295
rs71313142	G	0.0224
rs34453049	C	0.0878
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rs468884	C	-0.0161
rs763105	T	-0.0261
rs7287939	C	0.0317
rs9610875	T	-0.0213
rs34188027	G	0.0733
rs75872566	A	0.0354
rs137578	A	0.0149
rs4824004	G	0.0163
rs117982647	T	-0.08
rs34017491	T	-0.0629
rs148413375	T	0.0816
rs6004776	C	0.0912
rs6519698	A	-0.0147
rs77288331	G	-0.1193
rs7410504	A	-0.0341
rs9606869	A	0.0899
rs17584043	T	-0.0498
rs399757	C	-0.0167
rs9619753	A	0.0194
rs1859	T	-0.0748
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rs135445	C	-0.0723
rs4925421	C	-0.0183
rs62236115	A	-0.0436
rs11089649	A	0.0194

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rs2071727	T	-0.0226
rs117690657	T	-0.0739
rs149065121	G	0.1205
rs4823407	C	0.0282
rs738349	C	-0.0182
rs3859865	A	-0.0174
rs116941290	T	0.0987
rs73166793	G	0.0459
rs5760189	T	-0.019
rs75489045	A	0.0342
rs2075921	T	-0.0801
rs12628115	T	-0.0194
rs4822101	T	-0.0155
rs9612662	T	0.0238
rs11702933	G	0.0214
rs4823188	C	-0.0668
rs17749540	T	-0.024
rs62235880	C	-0.0667
rs6006553	C	-0.0158
rs5995325	C	-0.053
rs450718	G	0.0267
rs116962367	G	0.0974
rs55942398	T	0.0745
rs75950407	T	-0.073
rs142257854	C	0.111
rs9605071	C	0.045
rs134951	C	-0.0189
rs2267229	C	-0.0215
rs5765882	A	-0.0691
rs71316557	C	0.0611
rs9611982	G	0.0637
rs2235158	A	0.0164
rs2213431	C	-0.015
rs9613375	G	-0.0154
rs41279973	C	0.0215
rs1884134	G	0.0154
rs144513708	A	0.1075
rs145360172	G	-0.1344
rs9622984	A	-0.0378
rs9680838	T	0.0181
rs1013603	T	0.0183
rs5999855	C	0.0289
rs9614400	A	-0.0244
rs5766503	C	-0.0511
rs4276	G	-0.0143
rs73173678	A	0.1532

rs45513196	C	-0.06
rs150018203	A	0.1367
rs9610804	G	-0.0156
rs807677	T	-0.0195
rs12160942	A	0.0347
rs2267592	G	0.0157
rs78036465	A	0.089
rs12484278	A	-0.0181
rs1533371	G	0.0172
rs130646	A	0.0291
rs1296748	T	-0.0184
rs5756638	T	0.0163
rs149053722	A	0.1319
rs9621547	A	0.0672
rs9626344	T	-0.018
rs13054355	A	0.0214
rs71321088	G	-0.0531
rs9613396	T	-0.0242
rs117383096	T	-0.0786
rs9306435	G	0.0156
rs78017118	G	-0.0549
rs16981994	T	-0.0541
rs5761294	G	0.0159
rs117979250	A	0.0328
rs146868485	A	0.0407
rs2413390	T	0.0153
rs79222973	A	0.1411
rs73170531	G	0.0281
rs10483225	C	-0.0262
rs112201374	C	0.0747
rs9610444	A	-0.033
rs117827431	T	-0.1077
rs2073760	T	-0.0151
rs5996309	A	-0.0145
rs9306529	T	-0.0173
rs73163951	C	0.034
rs738228	T	0.0336
rs41278851	A	-0.0893
rs5757347	A	-0.0267
rs73469742	T	-0.0806
rs433710	G	0.0647
rs6000727	T	0.0364
rs76927858	G	-0.0332
rs6519012	A	0.0405
rs9616232	G	0.0199
rs111360846	G	0.0712
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rs17477193	G	0.0268
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rs74900430	T	0.026
rs1142542	A	-0.019
rs5759543	A	-0.0764
rs2413583	T	0.0193
rs73880723	A	-0.0244
rs138117567	C	0.0489
rs9608859	T	-0.0143
rs17634419	A	-0.0685
rs59990120	C	-0.0216
rs73181194	A	0.0291
rs62235155	C	-0.0304
rs141103493	C	-0.0993
rs5759265	G	0.0205
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rs16985863	A	0.0288
rs2267270	A	0.0175
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rs116882798	G	0.0903
rs5769662	T	-0.0366
rs137126	G	0.0165
rs874960	G	0.0147
rs78594621	G	-0.0517
rs62236876	G	-0.0223
rs80724	T	0.019
rs62235058	C	-0.1051
rs17694640	T	-0.0264
rs8138196	A	-0.0146
rs137899	A	-0.0306
rs35349798	A	-0.0864
rs669184	T	-0.0175
rs2179052	C	-0.0925
rs42928	C	-0.0182
rs17179935	T	0.0663
rs135618	G	0.0264
rs17370615	A	0.0167
rs78358038	A	-0.0681
rs2540628	T	-0.0218
rs75778781	T	-0.0347
rs111568133	T	0.0357
rs9606721	G	-0.0796
rs11703546	C	-0.0306
rs117658579	G	-0.0761
rs12628868	C	0.0317
rs138459978	A	-0.0826

rs76993769	T	-0.075
rs139307962	G	0.0573
rs801588	C	-0.0521
rs5747428	A	-0.0301
rs138480003	A	-0.0901
rs117842899	C	-0.0836
rs132692	T	0.0163
rs73163225	A	-0.0173
rs117408550	A	0.1143
rs116541897	C	0.0924
rs73155909	T	0.0656
rs142121339	C	-0.0509
rs73166186	T	0.0848
rs73154809	T	-0.0457
rs5768714	G	0.0861
rs5759640	T	0.0234
rs756638	A	0.0166
rs11705602	A	0.0164
rs1547418	C	0.0218
rs147489423	A	-0.0896
rs141761092	A	-0.0706
rs16992029	C	0.0304
rs720442	T	0.0333
rs9616622	A	0.019
rs7675	T	-0.0199
rs9610680	A	0.0188
rs13053551	C	-0.0303
rs2285107	A	-0.0301
rs116517135	A	-0.0619
rs142398370	C	0.0806
rs3788610	A	-0.0264
rs881459	A	-0.0165
rs5764491	C	0.0162
rs8140608	C	0.0594
rs73153968	G	-0.0499
rs35526737	T	-0.0239
rs3747169	A	-0.0548
rs73429282	T	-0.0656
rs13056337	T	-0.0249
rs5752256	T	0.0219
rs16992190	T	-0.0274
rs3213444	A	-0.0562
rs79515519	G	0.0911
rs8184961	A	-0.0427
rs5753348	C	-0.0214
rs4821965	A	0.0171
rs62233607	A	0.0508

rs35572234	C	0.0455
rs6010527	C	0.0161
rs13056576	A	-0.0847
rs35199791	A	0.0217
rs10427819	A	-0.0989
rs62235067	C	-0.0892
rs9604738	A	-0.016
rs10427827	G	-0.0236
rs139253	A	0.0458
rs9608852	T	-0.0158
rs5756269	A	0.0303
rs1807714	A	-0.0148
rs117972364	A	0.0772
rs11704272	A	0.0401
rs9608134	A	-0.0244
rs73162756	G	0.0658
rs135926	C	-0.0154
rs12159254	A	-0.046
rs2516090	A	0.0255
rs9609476	T	0.0688
rs117565281	C	-0.062
rs8190435	T	0.0918
rs138185373	C	0.0859
rs135092	T	-0.1259
rs9606224	T	-0.0848
rs4822873	C	0.0137
rs113331361	G	-0.0652
rs5750457	T	-0.0159
rs9626091	A	-0.0226
rs4823351	T	-0.0303
rs6009693	G	0.0183
rs4823265	A	0.0335
rs9604967	T	-0.0339
rs112105386	T	-0.0445
rs17002948	G	-0.0216
rs114898190	C	-0.0742
rs117515158	C	-0.0435
rs74472161	A	0.0646
rs13053532	C	0.0799
rs144692759	A	0.0948
rs8142497	G	0.0415
rs380705	A	0.0347
rs75255758	G	0.1071
rs130889	T	0.0141
rs7291524	T	0.0417
rs146413240	T	0.0611
rs28680412	T	0.0365

rs76777683	A	-0.115
rs713704	T	-0.0393
rs11089864	C	0.0486
rs150162317	C	0.0798
rs4998643	A	-0.023
rs11705479	C	0.033
rs117212232	G	0.0505
rs77316012	G	-0.0658
rs6010068	T	-0.0287
rs35923215	A	0.0247
rs16984135	C	0.0282
rs17634299	C	-0.0189
rs9614923	T	-0.0214
rs6006756	G	-0.0244
rs41282459	G	-0.0338
rs16997123	T	0.0479
rs133596	A	0.0203
rs72550765	A	0.0211
rs117099200	G	0.0473
rs117442269	T	0.0965
rs9613411	T	0.0193
rs12170701	G	0.0557
rs13057108	A	0.032
rs77467662	G	-0.0475
rs34134485	A	0.0489
rs74815518	T	0.0486
rs13054678	T	0.0145
rs9613141	T	-0.0467
rs77975653	T	0.0878
rs210809	C	-0.0156
rs5764455	A	0.0136
rs62222833	G	0.0156
rs117001462	C	-0.062
rs28513904	C	0.016
rs17809826	A	0.1046
rs113078976	A	-0.0489
rs117451052	G	-0.1207
rs1884349	G	-0.0144
rs12159011	A	-0.0658
rs11705658	T	-0.0153
rs117470728	T	-0.0801
rs4390855	G	0.0273
rs141993496	G	0.0387
rs6000235	T	-0.0568
rs139954992	A	0.0721
rs78416988	G	0.0732
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rs113323394	T	0.078
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rs149441158	T	-0.0537
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rs6009741	A	0.0173
rs116986102	A	-0.0851
rs855056	A	-0.0243
rs4821414	T	0.0212
rs62241314	C	0.0669
rs5748657	C	0.0135
rs1547413	A	-0.0142
rs139909363	C	0.0827
rs117718749	A	0.0721
rs8136752	T	0.0146
rs879342	A	0.0335
rs916256	G	-0.0132
rs71314757	A	0.0251
rs9612895	A	-0.0249
rs9619358	T	0.0286
rs75759291	T	0.0624
rs117544445	C	-0.0385
rs117628561	C	0.0552
rs150228196	C	-0.0776
rs150263482	C	-0.1306
rs143659539	G	-0.0412
rs71321074	G	-0.0182
rs138647457	T	-0.0454
rs6002879	T	-0.0221
rs2223337	T	-0.0315
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rs113434912	G	0.0354
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rs141250171	A	0.0289
rs130163	G	0.0147
rs855075	T	-0.0195
rs117480194	T	0.0268
rs2157249	C	-0.0139
rs229492	T	-0.0196
rs137865953	C	0.0531
rs113299767	C	-0.0696
rs8136986	T	0.0163
rs5762108	G	-0.0597
rs12485095	G	-0.05

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rs117958712	C	0.0511
rs5771929	T	0.0146
rs7293216	G	-0.0268
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rs147920629	A	-0.0766
rs78487378	T	0.0587
rs71328675	A	-0.017
rs417153	G	0.027
rs5751363	T	0.0221
rs238857	G	-0.0173
rs9625944	T	0.0982
rs5750016	T	-0.015
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rs73165836	C	-0.0234
rs5757511	T	-0.0139
rs12627803	C	-0.0282
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rs148674495	G	-0.0586
rs9617121	C	-0.0947
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rs149617614	C	-0.108
rs117758338	T	0.0389
rs4822583	T	0.0258
rs62236206	A	-0.0584
rs41282467	T	0.0435
rs2401518	C	0.0237
rs115890912	G	-0.0594
rs16993093	A	-0.0458
rs386333	A	0.0237
rs8142741	A	-0.0163
rs9617812	C	-0.0219
rs5761122	A	-0.0232
rs133916	T	-0.0156
rs117649327	T	-0.1313
rs1012769	T	0.0177
rs5016417	T	0.015
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rs9615529	C	0.0554
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rs76353358	A	0.0419

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rs5750345	A	0.043
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rs133869	T	-0.0438
rs146770626	T	0.0739
rs150873835	G	-0.0728
rs113861262	C	-0.0397
rs144046759	C	0.1128
rs13433634	C	-0.0515
rs139764778	A	-0.0875
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rs79187182	A	0.0567
rs78558175	T	-0.0666
rs62227027	C	0.0883
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rs148656681	T	0.0516
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rs3788654	A	-0.0271
rs7289964	G	-0.0448
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rs115834180	G	-0.0895
rs12169815	C	0.0988
rs73168598	T	-0.0446
rs78976179	T	0.04
rs115151152	T	-0.0815
rs2015186	T	0.0174
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rs79111313	G	0.0548
rs926543	T	0.0218
rs5765145	G	0.0164
rs7284700	C	-0.0196
rs113626752	A	0.0383
rs16984366	C	-0.0167
rs138511532	G	-0.0434
rs118060237	C	0.0585
rs73154698	G	0.0181
rs145261253	G	0.0651
rs77579392	A	-0.0313
rs41456252	G	-0.0705

rs138174248	A	-0.0568
rs12166420	A	-0.0946
rs72487688	C	0.038
rs760656	C	-0.0161
rs4244607	A	0.0151
rs116856246	A	-0.0998
rs17812082	T	0.1023
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rs737796	T	0.0172
rs78598910	T	0.0584
rs9624260	T	0.0577
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rs13053889	T	0.0194
rs149081944	G	-0.0863
rs62235968	C	0.0151
rs135968	A	-0.0145
rs743730	T	0.0156
rs117016540	T	0.0653
rs74966936	T	0.0277
rs72617273	T	-0.0186
rs147059514	G	0.0747
rs4822760	A	0.017
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rs73437427	G	0.0495
rs136769	T	-0.0311
rs11703962	A	-0.0361
rs8137136	A	0.0165
rs9617661	G	-0.0161
rs4823336	A	-0.0124
rs181396	A	0.0123
rs135981	G	0.0172
rs42933	T	-0.0213
rs11090797	G	0.0225
rs9604752	G	-0.0178
rs715609	T	-0.0137
rs73479548	C	-0.0841
rs144196076	G	-0.0165
rs148258733	T	-0.057
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rs12484890	C	-0.0559
rs435165	G	0.0668
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rs2267412	C	0.0166
rs146878017	A	-0.0583

rs1962221	C	-0.0179
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rs143863913	T	0.0492
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rs73158135	A	-0.0504
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rs5762048	T	-0.0231
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rs4425	T	-0.027
rs5750761	C	0.0152
rs404868	A	-0.023
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rs133090	G	-0.0124
rs75275392	A	-0.0259
rs117006621	T	0.0665
rs138390	A	-0.0163
rs470120	A	-0.0236
rs9613105	T	0.0376
rs141447880	A	-0.0333
rs2157189	A	-0.0187
rs45596741	A	-0.0473
rs494702	C	-0.0134
rs56020504	A	-0.017

rs16994633	A	0.0197
rs12628085	G	0.0168
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rs117574693	T	0.0596
rs4514	C	0.0124
rs1004689	G	0.0155
rs79612806	G	-0.0204
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rs62226964	T	-0.0334
rs762349	C	-0.023
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rs78500736	C	0.0626
rs35146163	T	0.0187
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rs16985288	A	0.0454
rs113946784	T	0.066
rs53724	G	-0.0139
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rs78591809	T	-0.0373
rs113289569	T	0.0757
rs2267443	A	0.0122
rs143877191	G	-0.0935
rs62234013	T	-0.0132
rs140162	T	-0.014
rs131421	G	-0.0139
rs11912062	G	-0.0582
rs17882950	T	0.0559
rs149339239	T	0.0606
rs5768441	G	0.0516
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rs117084754	T	-0.0497
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rs73186732	A	-0.0982
rs34840451	T	0.036
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rs5768564	A	0.0147
rs138181617	T	0.0174
rs112195590	A	0.0299
rs12628699	A	-0.026
rs62225794	T	0.0673
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rs462055	T	0.0144
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rs111287093	G	0.0328
rs135354	A	-0.0149
rs113509019	G	-0.0856
rs143900357	G	-0.0852
rs9615095	C	0.0254
rs4988392	A	-0.0233
rs76636390	T	0.0477
rs4820705	A	0.0249
rs12169849	T	0.0315
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rs78238497	T	0.0255
rs2232857	T	-0.0229
rs60512419	C	0.0351
rs112932931	A	-0.0344
rs1535145	A	-0.0136
rs140040762	A	-0.0583
rs68178377	T	0.0225
rs149661573	A	0.09
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rs5759690	A	0.0261
rs11089673	C	0.0123
rs4823184	T	0.0161
rs74658771	T	-0.0733
rs137318	T	0.013
rs118047186	G	0.0838
rs139960	G	0.0501
rs6001366	T	0.0309
rs117574811	A	-0.0344
rs140315227	T	-0.0529
rs5754162	A	0.0136
rs9625943	T	0.0122
rs4645742	T	0.025
rs75939651	A	-0.0267

rs79685048	T	-0.0272
rs759224	A	-0.0151
rs73182605	T	0.0496
rs73885230	T	-0.0719
rs6007906	C	0.0209
rs76153943	T	0.0332
rs9606111	A	-0.0142
rs11913168	A	-0.0184
rs8141327	G	0.0412
rs78760126	A	-0.0843
rs146556149	G	0.0975
rs36069260	T	-0.016
rs76345075	C	-0.0608
rs1207395	G	-0.0334
rs2318429	T	-0.0153
rs139047	A	0.0138
rs118187689	C	-0.0273
rs118151345	T	0.0837
rs140458913	T	-0.042
rs9612877	G	-0.0185
rs9622722	A	-0.024
rs73176759	G	0.0362
rs116843827	T	-0.0706
rs2072858	C	0.0122
rs4820727	C	-0.0225
rs145888083	C	0.0838
rs55930878	T	-0.0393
rs243001	C	0.0118
rs4925432	T	0.0122
rs5995370	C	0.0224
rs4820357	A	0.0147
rs73876446	A	-0.0406
rs142582386	T	0.0609
rs77296339	G	0.0415
rs926936	A	-0.0472
rs239320	G	0.0131
rs9808873	A	-0.0638
rs73410538	C	-0.063
rs113056784	C	-0.0578
rs5766392	C	0.0122
rs77257525	A	-0.0294
rs1966297	C	0.0188
rs57871917	G	0.03
rs73161707	G	-0.048
rs34110151	A	-0.0257
rs9614490	T	-0.058
rs738462	G	-0.0221

rs12330006	C	0.0196
rs56223059	A	0.0255
rs2189132	A	-0.0151
rs55796616	C	-0.0247
rs4821184	C	-0.0266
rs116888152	T	0.073
rs1519221	G	0.0162
rs73154228	A	-0.0362
rs117942242	G	0.051
rs5996171	C	0.0169
rs111245926	G	-0.0672
rs148860096	G	-0.0701
rs117985636	C	-0.0349
rs62237828	T	0.0138
rs73884366	A	0.0786
rs28368226	T	-0.0273
rs6004243	C	-0.0404
rs134949	C	0.0198
rs6006570	A	-0.0267
rs146661473	A	0.0933
rs1883284	C	-0.013
rs117502424	T	-0.0369
rs150895116	A	0.0398
rs8141427	G	0.0263
rs77106870	C	0.0277
rs738795	T	0.0198
rs56187421	A	-0.0164
rs5756535	G	-0.0207
rs4820360	T	-0.0204
rs149296439	A	-0.0632
rs134933	C	-0.013
rs5760088	T	0.0126
rs4820568	A	0.0127
rs117477639	T	-0.0775
rs13054261	T	-0.0187
rs7291951	T	0.0542
rs139606	G	0.0113
rs11703002	C	-0.0229
rs77421051	T	0.0623
rs117924720	T	-0.0606
rs4819837	G	-0.0198
rs5769446	A	-0.0313
rs145099605	A	0.0458
rs11091008	T	0.0181
rs8142823	T	0.0445
rs137514	G	0.0233
rs2283974	A	-0.0364

rs5750411	G	0.0207
rs55771830	A	-0.0315
rs55746052	G	0.041
rs968488	C	-0.0114
rs5751530	A	0.0326
rs78848174	C	-0.0273
rs9614321	A	0.0153
rs76822044	C	0.0542
rs62238259	A	-0.0191
rs62227570	T	-0.0113
rs12484998	T	0.0223
rs78129837	T	0.0355
rs76592472	A	0.0508
rs12628932	C	0.0128
rs147318189	A	0.0469
rs111253779	A	0.0657
rs147289690	G	-0.0845
rs75476729	C	0.0453
rs62241072	A	0.0665
rs7285905	C	-0.0155
rs9606080	T	0.0554
rs5997260	C	0.0679
rs11089836	A	0.0127
rs17834926	A	-0.0532
rs118176853	T	0.0603
rs142010096	C	-0.0693
rs62238287	C	0.0373
rs5753349	G	-0.0136
rs174363	C	-0.0119
rs117315225	A	-0.0353
rs5768507	A	-0.0176
rs34223312	T	0.0234
rs78647462	A	-0.0471
rs17709696	G	0.0181
rs1990227	C	-0.0145
rs11913692	C	-0.0128
rs131003	T	0.0192
rs8137744	A	0.012
rs55846646	A	0.0433
rs9306321	G	0.0157
rs12628618	T	0.0198
rs9612776	C	-0.0151
rs5750721	T	-0.0175
rs867108	G	0.023
rs117102707	T	-0.0468
rs16991789	T	0.0727
rs6518765	C	-0.0115

rs3788723	T	-0.0121
rs138649538	C	0.0795
rs77191376	C	0.0364
rs1427385	T	-0.0111
rs79016956	A	0.053
rs80126241	T	0.0929
rs75764644	A	0.0691
rs5762041	G	0.0414
rs113500965	A	-0.0255
rs13058539	T	-0.0234
rs75880928	T	-0.0314
rs139788	T	-0.0519
rs143194880	T	0.0763
rs2267115	A	-0.0181
rs8136357	T	-0.0131
rs929027	G	-0.0752
rs137139	C	-0.0136
rs131310	C	-0.0192
rs6005445	A	-0.0159
rs12628403	C	-0.0332
rs609351	T	-0.0541
rs136121	T	-0.0269
rs77771351	T	-0.0829
rs34145275	A	0.0591
rs2079621	C	-0.0148
rs76977031	C	0.0687
rs34718951	T	-0.0206
rs6009491	A	-0.0145
rs140314285	T	-0.0407
rs5746992	A	-0.0243
rs76536076	A	0.0272
rs80294915	C	0.0584