

Supplemental Table 1. List of common SNPs in the genomic region of all *MIR* genes in human genome GRCh37/hg19 build with dbSNP version 141.

SNP	MIR	Chr	Ref_ UCSC	Observed	Alleles	Allele Freqs
rs141221242	hsa-mir-1273d	chr1	C	A/C	A,C	0.011,0.989
rs150712502	hsa-mir-1273d	chr1	C	C/T	C,T	0.981,0.019
rs75705742	hsa-mir-1290	chr1	G	A/G	A,G	0.016,0.984
rs112439044	hsa-mir-30e	chr1	C	C/T	C,T	0.990,0.010
rs12402181	hsa-mir-3117	chr1	G	A/G	A,G	0.269,0.731,
rs115372145	hsa-mir-942	chr1	C	C/T	C,T	0.985,0.015
rs74743733	hsa-mir-4257	chr1	G	A/G	A,G	0.014,0.986
rs79661940	hsa-mir-554	chr1	T	G/T	G,T	0.013,0.987
rs79639536	hsa-mir-1255b-2	chr1	A	A/G	A,G	0.981,0.019
rs78825966	hsa-mir-557	chr1	C	C/T	C,T	0.963,0.037
rs58602811	hsa-mir-3119-1	chr1	T	G/T	G,T	0.014,0.986
rs58602811	hsa-mir-3119-1	chr1	T	G/T	G,T	0.014,0.986
rs7544976	hsa-mir-4260	chr1	G	G/T	G,T	0.986,0.014
rs78240175	hsa-mir-3123	chr1	G	A/G	A,G	0.031,0.969
rs12081872	hsa-mir-3124	chr1	C	C/T	C,T	0.988,0.012
rs115160731	hsa-mir-3124	chr1	C	A/C	A,C	0.012,0.988
rs5829384	hsa-mir-3125	chr2	-	-/A	-,A	0.280,0.720
rs114803590	hsa-mir-559	chr2	T	C/T	C,T	0.012,0.988
rs58450758	hsa-mir-559	chr2	C	C/T	C,T	0.798,0.202
rs41291173	hsa-mir-217	chr2	G	A/G	A,G	0.013,0.987
rs150436368	hsa-mir-217	chr2	A	A/G	A,G	0.984,0.016
rs41291179	hsa-mir-216a	chr2	A	A/T	A,T	0.938,0.062
rs7589328	hsa-mir-1302-3	chr2	C	C/T	C,T	0.879,0.121
rs200962774	hsa-mir-663b	chr2	G	G/T	G,T	0.945,0.055
rs201793747	hsa-mir-663b	chr2	C	C/T	C,T	0.974, 0.026
rs200194626	hsa-mir-663b	chr2	A	A/G	A,G	0.681,0.319
rs78327226	hsa-mir-663b	chr2	C	C/T	C,T	0.726,0.274

rs199671138	hsa-mir-663b	chr2	A	A/C	A,C	0.952,0.048
rs201429060	hsa-mir-663b	chr2	T	C/T	C,T	0.028,0.972
rs78867621	hsa-mir-663b	chr2	C	C/T	C,T	0.731,0.269
rs79402775	hsa-mir-933	chr2	G	A/G	A,G	0.080,0.9559
rs146754630	hsa-mir-1258	chr2	T	C/T	C,T	0.020,0.988
rs2241347	hsa-mir-3130-1, hsa-mir-3130-2, hsa-mir-3130-3, hsa-mir-3130-4	chr2	C	A/G	A,G	0.402,0.598
rs115772313	hsa-mir-3130-1, hsa-mir-3130-2, hsa-mir-3130-3, hsa-mir-3130-4	chr2	G	A/G	A,G	0.020,0.980
rs2241347	hsa-mir-3130-1, hsa-mir-3130-2, hsa-mir-3130-3, hsa-mir-3130-4	chr2	C	A/G	A,G	0.402, 0.598
rs115772313	hsa-mir-3130-1, hsa-mir-3130-2, hsa-mir-3130-3, hsa-mir-3130-4	chr2	G	A/G	A,G	0.020,0.980
rs2241347	hsa-mir-3130-1, hsa-mir-3130-2, hsa-mir-3130-3, hsa-mir-3130-4	chr2	C	A/G	A,G	0.402,0.598
rs115772313	hsa-mir-3130-1, hsa-mir-3130-2, hsa-mir-3130-3, hsa-mir-3130-4	chr2	G	A/G	A,G	0.020,0.980
rs2241347	hsa-mir-3130-1, hsa-mir-3130-2, hsa-mir-3130-3, hsa-mir-3130-4	chr2	C	A/G	A,G	0.402,0.598
rs115772313	hsa-mir-3130-1, hsa-mir-3130-2, hsa-mir-3130-3, hsa-mir-3130-4	chr2	G	A/G	A,G	0.020,0.980
rs116237969	hsa-mir-1302-4	chr2	A	A/T	A,T	0.972,0.028
rs4674470	hsa-mir-4268	chr2	C	C/T	C,T	0.205,0.795
rs71428439	hsa-mir-149	chr2	A	A/G	A,G	0.853,0.147

rs2292832	hsa-mir-149	chr2	T	C/T	C,T	0.604,0.396
rs189911555	hsa-mir-4270	chr3	C	A/C	A,C	0.039,0.961,
rs79922312	hsa-mir-4270	chr3	A	A/G	A,G	0.989,0.011
rs6787734	hsa-mir-3135	chr3	C	C/T	C,T	0.661,0.339
rs142342924	hsa-mir-3135	chr3	G	A/G	A,G	0.095,0.905
rs114636202	hsa-mir-564	chr3	A	A/G	A,G	0.978,0.022
rs2292181	hsa-mir-564	chr3	G	C/G	C,G	0.062,0.938
rs201399352	hsa-mir-1324	chr3	C	C/T	C,T	0.738,0.262
rs201625997	hsa-mir-1324	chr3	C	C/G/T	C,G	0.978,0.022
rs201125883	hsa-mir-1324	chr3	C	C/T	C,T	0.922,0.078
rs202177109	hsa-mir-1324	chr3	C	C/T	C,T	0.94,0.057
rs142051948	hsa-mir-1324	chr3	T	C/T	C,T	0.019,0.981
rs10934682	hsa-mir-544b	chr3	T	G/T	G,T	0.175,0.825
rs75715827	hsa-mir-944	chr3	T	C/T	C,T	0.042,0.958
rs9860655	hsa-mir-570	chr3	T	C/T	C,T	0.059,0.941
rs114814977	hsa-mir-922	chr3	C	A/C	A,C	0.017,0.983,
rs201953811	hsa-mir-943	chr4	-	-/CC	-,CC	0.721,0.279
rs1077020	hsa-mir-943	chr4	T	C/T	C,T	0.263,0.737
rs12512664	hsa-mir-4274	chr4	A	A/G	A,G	0.677,0.323
rs202195689	hsa-mir-4274	chr4	-	-/CCC	-,CCC	0.142,0.858
rs111482845	hsa-mir-548i-2	chr4	AGAA GG	- /AGAAGG	-, AGAAG G	0.311,0.689,
rs6841938	hsa-mir-1255b-1	chr4	G	A/G	A,G	0.093,0.907
rs73239138	hsa-mir-1269	chr4	G	A/G	A,G	0.386,0.614
rs28664200	hsa-mir-1255a	chr4	T	C/T	C,T	0.335,0.665
rs77639117	hsa-mir-576	chr4	A	A/T	A,T	0.951,0.0489
rs199971565	hsa-mir-302c	chr4	ACTT	-/ACTT	-,ACTT	0.014,0.986
rs34115976	hsa-mir-577	chr4	C	C/G	C,G	0.868,0.132
rs190183451	hsa-mir-1305	chr4	G	A/G	A,G	0.010,0.990

rs115200817	hsa-mir-4277	chr5	G	A/G	A,G	0.017,0.983
rs12523324	hsa-mir-4277	chr5	G	A/G	A,G	0.648,0.352
rs115089112	hsa-mir-580	chr5	T	C/T	C,T	0.013,0.987
rs116535054	hsa-mir-1274a	chr5	G	A/G	A,G	0.010,0.990
rs318039	hsa-mir-1274a	chr5	C	C/T	C,T	0.708,0.292
rs10061133	hsa-mir-449b	chr5	A	A/G	A,G	0.886,0.114
rs112705432	hsa-mir-449c	chr5	C	C/T	C,T	0.988,0.012
rs35770269	hsa-mir-449c	chr5	A	A/T	A,T	0.750,0.250
rs111409602	hsa-mir-2277	chr5	G	A/G	A,G	0.028,0.972
rs115216563	hsa-mir-1289-2	chr5	A	A/C	A,C	0.972,0.028
rs13186787	hsa-mir-1294	chr5	A	A/G	A,G	0.986,0.014
rs936581	hsa-mir-3141	chr5	G	A/G	A,G	0.098,0.902
rs77055126	hsa-mir-1303	chr5	T	C/T	C,T	0.032,0.968
rs199839137	hsa-mir-1303	chr5	-	-/T	-,T	0.903,0.097
rs200868230	hsa-mir-1303	chr5	TA	-/TA	-,TA	0.520,0.480
rs33982250	hsa-mir-1303	chr5	A	-/A	-,A	0.739,0.261
rs2910164	hsa-mir-146a	chr5	C	C/G	C,G	0.366,0.634
rs62376934	hsa-mir-585	chr5	A	A/G	A,G	0.196,0.804
rs62376935	hsa-mir-585	chr5	C	C/T	C,T	0.914,0.086
rs2291418	hsa-mir-1229	chr5	G	C/T	C,T	0.969,0.031
rs12197631	hsa-mir-548a-1	chr6	T	G/T	G,T	0.109,0.891
rs17737028	hsa-mir-3143	chr6	A	A/G	A,G	0.990,0.010
rs2397267	hsa-mir-548u	chr6	G	A/G	A,G	0.500,0.500
rs2894843	hsa-mir-548u	chr6	C	A/C	A,C	0.545,0.455
rs68035463	hsa-mir-3144	chr6	C	A/C	A,C	0.219,0.781
rs67106263	hsa-mir-3144	chr6	G	A/G	A,G	0.219,0.781
rs72631831	hsa-mir-339	chr7	C	A/G	A,G	0.011,0.989
rs11973069	hsa-mir-4284	chr7	C	C/T	C,T	0.971,0.029
rs6971711	hsa-mir-590	chr7	C	C/T	C,T	0.965,0.035

rs73721294	hsa-mir-593	chr7	C	C/T	C,T	0.987,0.013
rs76481776	hsa-mir-182	chr7	C	C/T	C,T	0.943,0.057
rs114151270	hsa-mir-595	chr7	C	C/T	C,T	0.988,0.012
rs4909237	hsa-mir-595	chr7	C	C/T	C,T	0.827,0.173
rs61388742	hsa-mir-596	chr8	T	C/T	C,T	0.077,0.923
rs200422487	hsa-mir-548i-3	chr8	A	A/C	A,C	0.371,0.629
rs59878596	hsa-mir-1322	chr8	C	C/T	C,T	0.963,0.037
rs73235381	hsa-mir-548h-4	chr8	C	C/T	C,T	0.959,0.041
rs150141473	hsa-mir-548h-4	chr8	TAAA G	-/TAAAG	- ,TAAAG	0.152,0.848
rs184537764	hsa-mir-548h-4	chr8	A	A/G	A,G	0.961,0.039
rs139528851	hsa-mir-548a-3	chr8	ATTG AAAG TA	- /ATTGAA AGTA	- ,ATTGA AAGTA	0.064,0.936
rs10505168	hsa-mir-2053	chr8	T	A/G	A,G	0.621,0.379
rs2114358	hsa-mir-1206	chr8	G	C/T	C,T	0.336,0.664
rs56863230	hsa-mir-1208	chr8	G	C/G	C,G	0.012,0.988
rs2648841	hsa-mir-1208	chr8	G	A/C/T	A,C,T	0.154,0.836,0.010
rs141140965	hsa-mir-1234	chr8	C	C/G	C,G	0.626,0.374
rs13299349	hsa-mir-3152	chr9	G	A/G	A,G	0.218,0.782
rs79965448	hsa-mir-1299	chr9	C	C/T	C,T	0.438,0.562
rs78546776	hsa-mir-1299	chr9	C	A/C/G	A,C,G	0.250,0.500,0.250
rs76266132	hsa-mir-1299	chr9	T	C/T	C,T	0.563,0.437
rs143714958	hsa-mir-4289	chr9	T	-/T	-,T	0.017,0.983
rs183749712	hsa-mir-4289	chr9	G	A/G	A,G	0.010,0.990
rs356125	hsa-mir-2278	chr9	G	A/G	A,G	0.040,0.960
rs201175632	hsa-mir-602	chr9	C	C/T	C,T	0.989,0.011
rs12780876	hsa-mir-4293	chr10	T	A/T	A,T	0.239,0.761
rs12220909	hsa-mir-4293	chr10	G	C/G	C,G	0.043,0.957
rs11259096	hsa-mir-1265	chr10	T	C/T	C,T	0.109,0.891
rs11014002	hsa-mir-603	chr10	C	C/T	C,T	0.919,0.081

rs2368393	hsa-mir-604	chr10	A	C/T	C,T	0.278,0.722
rs2368392	hsa-mir-604	chr10	G	C/T	C,T	0.724,0.276
rs12416605	hsa-mir-938	chr10	C	C/T	C,T	0.835,0.165
rs2043556	hsa-mir-605	chr10	T	A/G	A,G	0.734,0.266
rs4919510	hsa-mir-608	chr10	C	C/G	C,G	0.660,0.340
rs76149940	hsa-mir-146b	chr10	C	C/T	C,T	0.987,0.013
rs7911488	hsa-mir-1307	chr10	A	A/G	A,G	0.720,0.280
rs17091403	hsa-mir-2110	chr10	C	C/T	C,T	0.955,0.045
rs114362263	hsa-mir-4297	chr10	C	C/T	C,T	0.977,0.023
rs12355840	hsa-mir-202	chr10	C	C/T	C,T	0.285,0.715
rs75966923	hsa-mir-4298	chr11	C	A/C	A,C	0.037,0.963
rs79957895	hsa-mir-3159	chr11	G	A/G	A,G	0.022,0.978
rs11382316	hsa-mir-3161	chr11	-	-/A	-,A	0.240,0.760
rs73466882	hsa-mir-3161	chr11	A	A/T	A,T	0.986,0.014
rs174561	hsa-mir-1908	chr11	T	C/T	C,T	0.308,0.692
rs11231898	hsa-mir-194-2	chr11	G	A/G	A,G	0.019,0.981
rs550894	hsa-mir-612	chr11	C	G/T	G,T	0.832,0.168
rs12803915	hsa-mir-612	chr11	G	A/G	A,G	0.168,0.832
rs147006890	hsa-mir-4300	chr11	C	-/C	-,C	0.016,0.984
rs35854553	hsa-mir-3166	chr11	T	A/T	A,T	0.912,0.088
rs2155248	hsa-mir-1304	chr11	G	A/C	A,C	0.889,0.111
rs79759099	hsa-mir-1304	chr11	A	A/G	A,G	0.978,0.022
rs79462725	hsa-mir-1304	chr11	G	C/G	C,G	0.024,0.976
rs11020790	hsa-mir-548l	chr11	C	C/T	C,T	0.957,0.043
rs13447640	hsa-mir-548l	chr11	G	C/T	C,T	0.959,0.041
rs670637	hsa-mir-3167	chr11	A	C/T	C,T	0.188,0.812
rs634171	hsa-mir-3167	chr11	A	A/T	A,T	0.189,0.811
rs66686007	hsa-mir-920	chr12	GTTG T	-/GTTGT	- ,GTTGT	0.024,0.976
rs11048315	hsa-mir-4302	chr12	G	A/G/T	A,G,T	0.101,0.899,0.0005

rs113699072	hsa-mir-1293	chr12	G	A/G	A,G	0.037,0.963
rs11614913	hsa-mir-196a-2	chr12	C	C/T	C,T	0.625,0.375
rs17120527	hsa-mir-548c	chr12	A	A/G	A,G	0.944,0.056
rs2682818	hsa-mir-618	chr12	A	A/C	A,C	0.189,0.811
rs2289030	hsa-mir-492	chr12	G	C/G	C,G	0.896,0.104
rs74647838	hsa-mir-1302-1	chr12	G	A/G	A,G	0.026,0.974
rs7311975	hsa-mir-1178	chr12	T	C/G/T	C,G,T	0.101,0.0003,0.899
rs74614893	hsa-mir-1178	chr12	G	A/G	A,G	0.016,0.984
rs67976778	hsa-mir-4305	chr13	C	C/T	C,T	0.553,0.447
rs138201016	hsa-mir-4305	chr13	G	G/T	G,T	0.986,0.014
rs9589207	hsa-mir-92a-1	chr13	G	A/G	A,G	0.025,0.975
rs200357542	hsa-mir-4306	chr13	T	-/T	-,T	0.013,0.987
rs35170395	hsa-mir-3171	chr14	TA	-/TA	-,TA	0.192,0.808
rs28477407	hsa-mir-4308	chr14	C	C/T	C,T	0.748,0.252
rs28909969	hsa-mir-1260	chr14	A	-/T	-,T	0.030,0.970
rs72631832	hsa-mir-345	chr14	C	C/T	C,T	0.989,0.011
rs111906529	hsa-mir-411	chr14	T	C/T	C,T	0.016,0.984
rs12894467	hsa-mir-300	chr14	C	C/T	C,T	0.474,0.526
rs11844707	hsa-mir-1185-2	chr14	G	A/G	A,G	0.054,0.946
rs145135208	hsa-mir-487b	chr14	A	A/G	A,G	0.984,0.016
rs56103835	hsa-mir-323b	chr14	T	C/T	C,T	0.270,0.730
rs75330474	hsa-mir-323b	chr14	C	C/T	C,T	0.979,0.021
rs61992671	hsa-mir-412	chr14	A	A/G	A,G	0.710,0.290
rs58834075	hsa-mir-656	chr14	C	C/T	C,T	0.941,0.059
rs12879262	hsa-mir-4309	chr14	G	C/G	C,G	0.076,0.924
rs28599926	hsa-mir-1268	chr15	C	C/T	C,T	0.805,0.195
rs2620381	hsa-mir-627	chr15	A	A/C	A,C	0.923,0.077
rs11269	hsa-mir-1282	chr15	G	G/T	G,T	0.857,0.143
rs78212770	hsa-mir-629	chr15	C	C/G	C,G	0.952,0.048

rs139334001	hsa-mir-630	chr15	-	-/TTG	-,TTG	0.076,0.924
rs5745925	hsa-mir-631	chr15	CT	-/CT	-,CT	0.041,0.959
rs41280052	hsa-mir-184	chr15	G	G/T	G,T	0.989,0.011
rs1439619	hsa-mir-3175	chr15	T	A/C	A,C	0.606,0.394
rs114901994	hsa-mir-3175	chr15	A	A/G	A,G	0.971,0.029
rs8054514	hsa-mir-3176	chr16	T	G/T	G,T	0.214,0.786
rs74656628	hsa-mir-662	chr16	T	A/T	A,T	0.124,0.876
rs9745376	hsa-mir-662	chr16	G	A/G	A,G	0.066,0.934
rs437324	hsa-mir-1826	chr16	C	A/G	A,G	0.490,0.510
rs62030476	hsa-mir-1826	chr16	G	A/G	A,G	0.979,0.021
rs191393746	hsa-mir-1538	chr16	G	A/G	A,G	0.021,0.979
rs57629257	hsa-mir-1972-2	chr16	C	C/T	C,T	0.890,0.190
rs72812091	hsa-mir-3183	chr17	G	A/G	A,G	0.023,0.977
rs2663345	hsa-mir-3183	chr17	A	C/T	C,T	0.485,0.515
rs9913045	hsa-mir-548h-3	chr17	G	A/G	A,G	0.411,0.589
rs6505162	hsa-mir-423, hsa-mir-3184	chr17	A	A/C	A,C	0.500,0.500
rs7207008	hsa-mir-2117	chr17	T	A/T	A,T	0.427,0.573
rs117091718	hsa-mir-1203	chr17	A	A/G	A,G	0.990,0.010
rs17759989	hsa-mir-633	chr17	A	A/G	A,G	0.972,0.028
rs77279010	hsa-mir-635	chr17	A	A/G	A,G	0.971,0.029
rs148953276	hsa-mir-1250	chr17	T	-/T	-,T	0.058,0.942
rs11873400	hsa-mir-4318	chr18	A	A/G	A,G	0.931,0.069
rs117767519	hsa-mir-4318	chr18	T	G/T	G,T	0.012,0.988
rs114399468	hsa-mir-4322	chr19	G	A/G	A,G	0.021,0.979
rs895819	hsa-mir-27a	chr19	T	A/C/G/T	A,C,G,T	0.0002,0.340,0.0002,0.659
rs114121047	hsa-mir-639	chr19	T	C/T	C,T	0.023,0.977
rs7247237	hsa-mir-3188	chr19	C	C/T	C,T	0.716,0.284
rs7247767	hsa-mir-3188	chr19	A	A/G	A,G	0.720,0.280

rs10423365	hsa-mir-320e	chr19	A	A/G	A,G	0.516,0.484
rs75598818	hsa-mir-520f	chr19	G	A/G	A,G	0.048,0.952
rs57111412	hsa-mir-1283-1	chr19	A	A/G	A,G	0.821,0.179
rs112328520	hsa-mir-520g	chr19	C	C/T	C,T	0.958,0.042
rs10583889	hsa-mir-516b-2	chr19	TT	-/TT	-,TT	0.032,0.968
rs116220629	hsa-mir-518d	chr19	C	C/T	C,T	0.990,0.010
rs74704964	hsa-mir-518d	chr19	C	C/T	C,T	0.975,0.025
rs201582431	hsa-mir-516b-1	chr19	C	C/G	C,G	0.981,0.019
rs78861479	hsa-mir-516b-1	chr19	G	A/G	A,G	0.015,0.985
rs148716001	hsa-mir-520h	chr19	C	C/G	C,G	0.988,0.012
rs56013413	hsa-mir-520h	chr19	G	A/G	A,G	0.063,0.937
rs111745142	hsa-mir-520h	chr19	-	-/GT	-,GT	0.978,0.022
rs71363366	hsa-mir-1283-2	chr19	C	C/G	C,G	0.986,0.014
rs11907020	hsa-mir-3192	chr20	T	C/T	C,T	0.032,0.968
rs28670321	hsa-mir-663	chr20	T	C/T	C,T	0.922,0.078
rs3746444	hsa-mir-499	chr20	A	C/T	C,T	0.202,0.798
rs7267163	hsa-mir-499	chr20	C	C/T	C,T	0.956,0.044
rs199812733	hsa-mir-1289-1	chr20	-	-/A	-,A	0.985,0.015
rs6513496	hsa-mir-646	chr20	T	C/T	C,T	0.227,0.773
rs6513497	hsa-mir-646	chr20	T	G/T	G,T	0.142,0.858
rs113297757	hsa-mir-3196	chr20	G	A/G	A,G	0.023,0.977
rs744591	hsa-mir-3196	chr20	C	A/C	A,C	0.468,0.532
rs6062431	hsa-mir-4326	chr20	C	C/G/T	C,G,T	0.287,0.713,0.0004
rs2427556	hsa-mir-941-1	chr20	G	A/G	A,G	0.349,0.651
rs6089780	hsa-mir-941-1	chr20	G	A/G	A,G	0.500,0.500
rs12625445	hsa-mir-941-3	chr20	C	C/G	C,G	0.300,0.700
rs12625454	hsa-mir-941-3	chr20	C	C/G	C,G	0.250,0.750
rs202033298	hsa-mir-941-3	chr20	C	C/T	C,T	0.894,0.106
rs73147065	hsa-mir-647	chr20	A	A/C/G	A,C,G	0.772,0.002,0.226

rs2747232	hsa-mir-3156-3	chr21	A	A/T	A,T	0.965,0.035
rs56660112	hsa-mir-3198	chr22	C	C/G	C,G	0.982,0.018
rs200746309	hsa-mir-650	chr22	A	A/G	A,G	0.904,0.096
rs201864554	hsa-mir-650	chr22	A	A/T	A,T	0.891,0.109
rs200295588	hsa-mir-650	chr22	C	A/C	A,C	0.085,0.915
rs201141491	hsa-mir-650	chr22	C	A/C/T	A,C,T	0.026,0.897,0.077
rs5996397	hsa-mir-650	chr22	C	C/G	C,G	0.868,0.132
rs4822739	hsa-mir-548j	chr22	C	C/G	C,G	0.884,0.116
rs12161068	hsa-mir-548j	chr22	T	C/T	C,T	0.028,0.972
rs141002682	hsa-mir-658	chr22	G	C/G	C,G	0.028,0.972

Supplemental Table 2. List of analyzed *MIR*-related common SNPs in the NEIGHBORHOOD as well as their association with POAG.

Derived SNPs	NEIGHBORHOOD SNP	Allele1	Allele2	P value
rs56103835	rs56103835	T	C	0.9481
rs6062431	rs6062431	C	G	0.9335
rs13299349	rs13299349	A	G	0.0980
rs4919510	rs4919510	C	G	0.5410
rs2292832	rs2292832	T	C	0.0112
rs2663345	rs2663345	A	G	0.9679
rs6513497	rs6513497	T	G	0.3650
rs634171	rs634171	A	T	0.01123
rs61992671	rs61992671	A	G	0.8645
rs41291179	rs41291179	A	T	0.0666
rs62376935	rs62376935	T	C	0.5078
rs7207008	rs7207008	A	T	0.3914
rs62376934	rs62376934	A	G	0.9418
rs141140965	rs141140965	C	G	0.2429
rs2910164	rs2910164	C	G	0.9106
rs142342924	rs142342924	A	G	0.02856
rs670637	rs670637	A	G	0.0112
rs12879262	rs12879262	C	G	0.8538
rs7247237	rs7247237	T	C	0.2898
rs1077020	rs1077020	T	C	0.1999
rs7911488	rs7911488	A	G	0.8128
rs12894467	rs12894467	T	C	0.6793
rs67976778	rs67976778	T	C	0.287
rs10934682	rs10934682	T	G	0.8146
rs11259096	rs11259096	T	C	0.5839
rs73147065	rs73147065	A	G	0.02239
rs4822739	rs4822739	C	G	0.03168
rs2427556	rs2427556	A	G	0.4699
rs75715827	rs75715827	T	C	0.6251
rs57111412	rs57111412	A	G	0.07961
rs12780876	rs12780876	A	T	0.3038
rs12416605	rs12416605	T	C	0.1868
rs76481776	rs76481776	T	C	0.0001973
rs12512664	rs12512664	A	G	0.3966
rs17091403	rs17091403	T	C	0.9014
rs11048315	rs11048315	A	G	0.04887
rs6513496	rs6513496	T	C	0.8661
rs356125	rs356125	A	G	0.5176
rs318039	rs318039	T	C	0.9578

rs12355840	rs12355840	T	C	0.8426
rs895819	rs895819	T	C	0.9078
rs28477407	rs28477407	T	C	0.1661
rs11614913	rs11614913	T	C	0.8868
rs28664200	rs28664200	T	C	0.3715
rs550894	rs550894	A	C	0.1668
rs35854553	rs35854553	A	T	0.6237
rs12523324	rs12523324	A	G	0.2935
rs3746444	rs3746444	A	G	0.5635
rs2289030	rs2289030	C	G	0.7478
rs10505168	rs10505168	T	C	0.4512
rs11014002	rs11014002	T	C	0.7929
rs936581	rs936581	A	G	0.8808
rs12197631	rs12197631	T	G	0.3869
rs4909237	rs4909237	T	C	0.2550
rs744591	rs744591	A	C	0.8857
rs73239138	rs73239138	A	G	0.7665
rs12402181	rs12402181	A	G	0.5228
rs67106263	rs67106263	A	G	0.3140
rs61388742	rs61388742	T	C	0.9339
rs174561	rs174561	T	C	0.1485
rs2043556	rs2043556	T	C	0.3757
rs10061133	rs10061133	A	G	0.005177
rs2114358	rs2114358	A	G	0.1691
rs2368392	rs2368392	A	G	0.7127
rs34115976	rs34115976	C	G	0.1166
rs2368393	rs2368393	A	G	0.7446
rs2292181	rs2292181	C	G	0.4863
rs4674470	rs4674470	T	C	0.5734
rs1439619	rs1439619	T	G	0.1225
rs2648841	rs2648841	T	G	0.3952
rs2682818	rs2682818	A	C	0.3188
rs6841938	rs6841938	A	G	0.6238
rs57629257	rs57629257	T	C	0.7131
rs6787734	rs6787734	T	C	0.04858
rs12803915	rs12803915	A	G	0.1204
rs9913045	rs9913045	A	G	0.1661
rs58450758	rs58450758	T	C	0.9545
rs6505162	rs6505162	A	C	0.03027
rs2241347	rs2241347	T	C	0.1546
rs8054514	rs8054514	T	G	0.3853
rs10423365	rs10423365	A	G	0.5796
rs7247767	rs7247767	A	G	0.3499

rs68035463	rs68035463	A	C	0.3154
rs71428439	rs71428439	A	G	0.5489
rs35770269	rs35770269	A	T	0.2328