

## 7. Supplement

List of genotyped SNPs on 21 candidate genes using the Affymetrix Genome-wide Human SNP Array 6.0.

Gene	RS-number	Chromosome	Physical Position
MTHFR	rs4845882	1	11765754
	rs4846048	1	11768839
	rs1801131	1	11777063
	rs12121543	1	11777258
	rs9651118	1	11784801
	rs17367504	1	11785365
IRF6	rs2235372	1	208027059
	rs742215	1	208027646
	rs17317411	1	208027937
	rs674433	1	208031498
	rs2235375	1	208032210
	rs17015218	1	208034538
	rs2013196	1	208035034
	rs7552506	1	208036525
	rs17015226	1	208036719
	rs7555285	1	208036978
	rs2236908	1	208038263
	rs2236909	1	208038278
	rs6540560	1	208048696
	rs630984	1	208048916
	rs6696825	1	208048995
	rs17015255	1	208049361
MTR	rs10495384	1	235027978
	rs10733117	1	235030490
	rs10733118	1	235030633
	rs2185208	1	235034979
	rs7526063	1	235038621
	rs4659731	1	235079996
	rs7516758	1	235081234
	rs4456082	1	235081249
	rs2275568	1	235082251
	rs2385500	1	235083531
	rs10802568	1	235094708
	rs2275566	1	235115185
	rs2275565	1	235115299
	rs16834510	1	235116052
	rs10158822	1	235116799
	rs10158222	1	235117305
	rs1266164	1	235117574
	rs16834516	1	235118419
	rs12094071	1	235118656
	rs10925261	1	235119809

	rs3768152	1	235120153
	rs3768155	1	235120345
	rs16834521	1	235121192
	rs1252252	1	235122625
	rs10737812	1	235125451
	rs16834527	1	235125821
	rs4659743	1	235126010
	rs4659745	1	235126130
	rs2275564	1	235126684
	rs3768159	1	235129036
	rs6679990	1	235131853
	rs16834539	1	235132861
TGFA	rs11466307	2	70527498
	rs10496180	2	70527562
	rs11466306	2	70527660
	rs11466304	2	70527741
	rs3771527	2	70528090
	rs7606793	2	70537572
	rs930655	2	70537959
	rs1880039	2	70540560
	rs6729950	2	70543642
	rs3771516	2	70548391
	rs7578860	2	70548697
	rs17005672	2	70561704
	rs17005682	2	70565115
	rs7561997	2	70569556
	rs2902345	2	70570107
	rs17005706	2	70570535
	rs3821262	2	70574514
	rs11466229	2	70576271
	rs4852620	2	70576454
	rs3849385	2	70576556
	rs3771496	2	70577053
	rs3771492	2	70582385
	rs3821261	2	70582761
	rs3755377	2	70586360
	rs404420	2	70587034
	rs7582571	2	70587296
	rs13401501	2	70594757
	rs13401694	2	70594893
	rs11466220	2	70595602
	rs10198315	2	70595681
	rs414399	2	70596820
	rs2863689	2	70597102
	rs4464299	2	70597409
	rs13415412	2	70604161
	rs17005803	2	70604511

	rs6708768	2	70605703
	rs453870	2	70605851
	rs378322	2	70616413
	rs432203	2	70618196
	rs377122	2	70620533
	rs1523300	2	70622873
	rs10489984	2	70625963
	rs11466191	2	70633589
SATB2	rs260761	2	199841435
	rs6735905	2	199855499
	rs4673309	2	199855654
	rs10497832	2	199875181
	rs11891161	2	199875818
	rs1374361	2	199878979
	rs4675475	2	199884288
	rs7569519	2	199888067
	rs7596078	2	199888088
	rs930616	2	199894160
	rs13002186	2	199897725
	rs17197938	2	199908430
	rs3828186	2	199922518
	rs7575191	2	199930423
	rs10497834	2	199934212
	rs16831370	2	199939292
	rs13406992	2	199944386
	rs1348812	2	199944670
	rs1348813	2	199953490
	rs10497836	2	199996963
	rs895882	2	200011260
	rs13392032	2	200017738
	rs13422914	2	200024373
	rs6736601	2	200028263
SUMO1	rs10931992	2	202774664
	rs10185956	2	202790487
	rs10931993	2	202815985
CHRD	rs13084750	3	185577418
FGFR3	rs3860717	4	1761816
	rs746779	4	1763081
MSX1	rs3775261	4	4914646
	rs1042484	4	4915282
	rs4464513	4	4918223
FGF2	rs308392	4	123965061
	rs308394	4	123966333
	rs308395	4	123966392
	rs366192	4	123969401
	rs308412	4	123971467
	rs308416	4	123988076

	rs308413	4	123989039
	rs308434	4	123991278
	rs308435	4	123991468
	rs11938826	4	123992064
	rs308439	4	123993029
	rs17473132	4	123995981
	rs17407577	4	123998791
	rs17006219	4	124001646
	rs6854081	4	124036157
	rs7683093	4	124037535
	rs1476217	4	124037961
MTRR	rs1893579	5	7917354
	rs8752809	5	7918567
	rs17184211	5	7919106
	rs47208168	5	7919764
	rs1334589	5	7920067
	rs4272909	5	7920971
	rs5280202	5	7921156
	rs12820537	5	7934678
	rs7803651	5	7938961
	rs5610175	5	7951089
	rs10983512	5	7959011
FGF10	rs6451758	5	44341272
	rs10462070	5	44341506
	rs17234541	5	44344655
	rs1839090	5	44349039
	rs17316984	5	44351131
	rs980510	5	44354289
	rs10057630	5	44363621
	rs4866891	5	44364027
	rs987642	5	44367662
	rs983374	5	44370740
	rs12517396	5	44395283
	rs339509	5	44396649
	rs17234079	5	44397961
	rs1482672	5	44398526
	rs339502	5	44399764
	rs11750845	5	44408817
	rs1384449	5	44412817
	rs16901816	5	44417455
	rs2973643	5	44417818
	rs2973649	5	44426918
	rs1482680	5	44427899
	rs7718704	5	44428734
	rs10512852	5	44429326
ESR1	rs867240	6	152170335
	rs3844508	6	152181735

rs9371557	6	152181902
rs12523770	6	152183315
rs6917746	6	152184649
rs9340788	6	152185082
rs2234693	6	152205028
rs3853252	6	152211940
rs4870057	6	152213591
rs9340817	6	152216799
rs1709182	6	152217050
rs712221	6	152221934
rs9340831	6	152224306
rs2431260	6	152234024
rs1709183	6	152235689
rs11155819	6	152241052
rs9322335	6	152241822
rs9322336	6	152242123
rs9340838	6	152242202
rs9340844	6	152243317
rs11155820	6	152245903
rs9322341	6	152266429
rs7772475	6	152268615
rs9340877	6	152268641
rs9397453	6	152278572
rs4870061	6	152279161
rs4458702	6	152282116
rs988328	6	152282843
rs2347868	6	152293261
rs9371562	6	152302335
rs4583998	6	152302361
rs1884051	6	152324972
rs2982694	6	152327380
rs9383951	6	152337306
rs3020327	6	152343338
rs2144025	6	152349399
rs12664544	6	152350666
rs13216134	6	152370177
rs1569788	6	152370309
rs9397074	6	152371408
rs9340955	6	152371894
rs9340958	6	152372366
rs2982705	6	152389551
rs3020422	6	152390451
rs6941035	6	152420394
rs9341016	6	152423691
rs2273206	6	152424004
rs2273207	6	152424018
rs2207396	6	152424075

	rs3798571	6	152426493
	rs3778080	6	152426929
	rs3778081	6	152428321
	rs3798573	6	152431055
	rs3020375	6	152431661
	rs9479191	6	152434853
	rs3778089	6	152435454
	rs3822990	6	152447658
	rs750686	6	152449819
	rs9341038	6	152451346
	rs9322359	6	152451715
	rs2228480	6	152461788
	rs3798577	6	152462823
	rs9341074	6	152464148
	rs2813544	6	152467275
	rs1543403	6	152470397
FGFR1	rs2288696	8	38405382
	rs10108561	8	38410369
	rs2978073	8	38414699
	rs11777067	8	38417804
	rs4733946	8	38438506
	rs6996321	8	38441503
	rs12677355	8	38449100
FGFR2	rs10749418	10	123225051
	rs1649163	10	123230277
	rs1649202	10	123230615
	rs3135819	10	123231112
	rs3135810	10	123232770
	rs2278202	10	123233187
	rs1649200	10	123233720
	rs3135807	10	123234667
	rs1613776	10	123234824
	rs2433759	10	123242522
	rs2912753	10	123247392
	rs3135785	10	123249997
	rs3135734	10	123314879
	rs2912787	10	123315528
	rs2981449	10	123315745
	rs3135730	10	123315784
	rs2981432	10	123316636
	rs10736303	10	123324447
	rs3116478	10	123325790
	rs3135715	10	123344716
FGF3	rs948133	11	69332787
	rs12577891	11	69332822
	rs10908228	11	69336099
	rs11263591	11	69338136

	rs3895665	11	69346074
	rs3892955	11	69346602
	rs11263596	11	69346904
PVRL1	rs4459318	11	119046988
	rs10790332	11	119058888
	rs4936492	11	119065659
	rs11217400	11	119065990
	rs11217408	11	119069693
	rs11217409	11	119069706
	rs7950059	11	119070705
	rs1467051	11	119073511
	rs7945395	11	119074947
	rs7945424	11	119075012
	rs10892434	11	119078599
	rs715849	11	119080934
	rs4938717	11	119082121
	rs12421432	11	119109057
	rs12421434	11	119109077
TGFB3	rs4252348	14	75494617
	rs2284791	14	75498789
	rs3917203	14	75499082
	rs3917202	14	75499224
	rs3917201	14	75499308
	rs3917180	14	75505698
	rs3917148	14	75516274
	rs11466414	14	75517603
FGF7	rs16962445	15	47506171
	rs2413944	15	47524043
	rs17478618	15	47524110
	rs16962490	15	47530920
	rs17479003	15	47532712
	rs10519227	15	47533656
	rs7167041	15	47542036
	rs4480740	15	47543134
	rs12148764	15	47543373
CBS	rs8133239	21	43342773
	rs466791	21	43343023
	rs2839631	21	43343155
	rs719038	21	43344013
	rs2124458	21	43348749
	rs2124459	21	43348783
	rs9325622	21	43352770
	rs11203172	21	43353184
	rs4920037	21	43354960
	rs1789953	21	43356005
	rs234706	21	43358419
TBX1	rs9618681	22	18119390

	rs11912973	22	18120562
	rs2238776	22	18137892
	rs4819522	22	18146782