

Table A1.

CHROM	POS	REF	ALT	avsnp150	Gene.refGene
1	45800156	C	T	rs3219484	MUTYH
1	45810865	G	A	rs17853159	TESK2
2	242157241	G	A	rs76832527	ANO7
3	61975382	T	C	rs62620047	PTPRG
3	122419083	C	A	rs13093808	PARP14
5	70308262	C	T	rs61757629	NAIP
5	55075860	G	A	rs147190735	DDX4
5	79616544	G	A	rs2047589	SPZ1
5	68661548	G	A	rs4252233	TAF9
6	119136759	A	C	rs65685	MCM9
6	119149149	C	G	rs284921	MCM9
7	107427322	A	C	rs34407351	SLC26A3
7	48315930	G	C	rs74859514	ABCA13
7	90001496	G	C	rs35001814	GTPBP10
7	105148593	G	A	rs61741425	PUS7
8	32611970	G	T	rs74942016	NRG1
10	103344589	T	G	rs3730463	POLL
11	1262525	C	T	rs55669609	MUC5B
17	648498	C	T	rs2740349	GEMIN4
17	649935	G	C	rs2740348	GEMIN4
17	33679440	C	T	rs62079540	SLFN11
17	33689926	T	C	rs4796077	SLFN11
19	3595006	A	G	rs34486470	TBXA2R
19	2339958	T	C	rs1609752	SPPL2B
20	33764554	A	G	rs867186	PROCR
21	43838643	G	A	rs13048049	UBASH3A

Table A2.

CHROM	POS	REF	ALT	avsnp150	Gene.refGene
1	11733860	G	T	rs143687287	FBXO6
1	6310528	A	C	rs780795228	GPR153
1	12907829	T	C	rs74866336	HNRNPCL1;HNRNPCL3;HNRNPCL4
1	79115905	T	C	rs2070123	IFI44
1	11983091	C	T	rs61776478	KIAA2013
1	6046264	G	A	rs12142270	NPHP4
1	7887579	C	G	rs228697	PER3
1	14107360	T	A	rs41269807	PRDM2
1	6273206	C	T	rs55823245	RNF207
1	15986868	G	A	rs35795032	RSC1A1
1	6649228	T	G	rs2229330	ZBTB48
2	127808046	T	C	rs138047593	BIN1
2	203052947	G	A	rs35468542	KIAA2012
3	193052769	G	A	rs74437357	ATP13A5
3	150661734	G	A	rs142185813	CLRN1
3	130107975	A	G	rs16827168	COL6A5
3	184910322	G	A	rs199916968	EHHADH
3	134670252	A	G	rs201772314	EPHB1
3	156697028	C	T	rs114940870	LEKR1
3	184020542	G	T	rs11545169	PSMD2
3	169644710	G	C	rs10513680	SAMD7
3	186272512	T	C	rs184429395	TBCCD1
3	152058449	A	G	rs13077912	TMEM14E
5	139905844	G	A	rs1051309	ANKHD1;ANKHD1-EIF4EBP3
5	160061565	C	A	rs149397148	ATP10B
5	96064890	G	A	rs147364817	CAST
5	108281909	C	G	rs2229086	FER
5	132561468	C	A	rs61741674	FSTL4

5	149389968	G	A	rs142114383	HMGXB3
5	96341912	C	T	rs72775875	LNPEP
5	96363459	A	G	rs11746232	LNPEP
5	1494935	T	C	rs28715640	LPCAT1
5	154346296	G	A	rs3749671	MRPL22
5	102338739	C	G	rs78408340	PAM
5	140736689	G	A	rs4329068	PCDHGA4
5	140755929	C	G	rs186469397	PCDHGA6
5	140779354	A	C	rs111395890	PCDHGB5
5	140789819	C	T	rs3749768	PCDHGB6
5	156376703	A	G	rs6873053	TIMD4
5	140047844	G	A	rs115837083	WDR55
5	121487969	G	A	rs72786994	ZNF474
6	139229872	C	T	rs1044418	REPS1
6	147830212	G	C	rs71547193	SAMD5
6	150390118	C	T	rs113233347	ULBP3
6	145142051	A	G	rs757548930	UTRN
6	149783095	T	C	rs61997220	ZC3H12D
7	150557578	G	A	rs11771771	AOC1
7	45104131	G	A	rs11552377	CCM2
7	21628242	C	G	rs62441683	DNAH11
7	21940823	A	G	rs77448980	DNAH11
7	27135096	G	T	rs45571645	HOXA1
7	27196116	C	T	rs78410337	HOXA7
7	29606316	C	A	rs112093295	PRR15
7	23775454	G	A	rs10264952	STK31
7	23775477	G	T	rs10264967	STK31
7	23811800	G	T	rs10247878	STK31
7	12400783	C	T	rs35171886	VWDE
7	12401021	C	T	rs80272295	VWDE

7	12409263	C	A	rs17165906	VWDE
7	12409327	C	T	rs17165910	VWDE
7	29923604	C	T	rs200642657	WIPF3
7	150093891	G	T	rs201877119	ZNF775
8	22059363	G	A	rs11996036	BMP1
8	68102977	T	C	rs1808140	CSPP1
8	11710174	T	C	rs1803250	CTSB
8	17731611	T	A	rs35431851	FGL1
8	95272605	G	C	rs2170363	GEM
8	20112355	A	G	rs149140637	LZTS1
8	10396056	G	C	rs61743179	PRSS55
8	10411495	T	C	rs79196981	PRSS55
8	20005554	G	C	rs17092104	SLC18A1
8	67860369	C	T	rs112859779	TCF24
8	100205255	G	A	rs61753721	VPS13B
8	77767844	C	T	rs367701727	ZFHX4
9	139906990	C	T	rs149871834	ABCA2
9	136136773	C	T	rs8176696	ABO
9	33264393	GGGTCAACTCCTCGCTCC	-	rs574287414	BAG1
9	140707601	G	T	rs138283222	EHMT1
9	19058483	C	A	rs4977493	HAUS6
9	111668652	C	T	rs838827	IKBKAP
9	140110555	G	A	rs62587579	NDOR1
9	134321955	G	A	rs72772613	PRRC2B
9	92017824	C	T	rs13284404	SEMA4D
9	90500189	C	G	rs77127003	SPATA31E1
9	135781205	T	C	rs118203576	TSC1
9	79897155	A	G	rs148656796	VPS13A
11	102650424	C	T	rs486055	MMP10
11	60565921	C	T	rs12419635	MS4A10

11	55798259	G	T	rs12224086	OR5AS1
11	55541284	G	A	rs11230983	OR5D13
11	55999950	G	C	rs12221615	OR5T2
11	55681865	T	C	rs12419022	OR5W2
11	55889895	C	T	rs61751933	OR8H3
11	55904382	A	C	rs17150102	OR8J3
11	55904828	A	G	rs11227321	OR8J3
11	55905078	C	T	rs61742348	OR8J3
11	102272839	C	A	rs11547915	TMEM123
12	1995403	T	C	rs10735005	CACNA2D4
14	77294729	C	T	rs117254981	LRRC74A
17	37295935	G	T	rs114494148	PLXDC1
19	52090014	C	T	rs35625154	ZNF175
21	46101939	C	T	rs9984476	KRTAP12-1
21	30255347	C	A	rs61735765	N6AMT1

Table A3.

CHROM	POS	REF	ALT	avsnp150	Gene.refGene
1	7797503	C	G	rs41278952	CAMTA1
1	109440215	G	A	rs41279678	GPSM2
1	111060752	C	T	rs34970857	KCNA10
1	45800156	C	T	rs3219484	MUTYH
1	159410340	T	A	rs12409540	OR10J1
1	45810865	G	A	rs17853159	TESK2
2	242157241	G	A	rs76832527	ANO7
3	49162284	C	T	rs34759087	LAMB2
3	122419083	C	A	rs13093808	PARP14
3	61975382	T	C	rs62620047	PTPRG
3	133475812	G	A	rs1799899	TF

4	3005964	G	A	rs34857805	GRK4
4	147830297	A	G	rs35123039	TTC29
5	80631642	C	T	rs10371	ACOT12
5	33546207	T	C	rs61753559	ADAMTS12
5	70818130	C	A	rs34529158	BDP1
5	55075860	G	A	rs147190735	DDX4
5	71491568	G	A	rs35473133	MAP1B
5	71494931	A	C	rs13153166	MAP1B
5	66441069	G	A	rs55969676	MAST4
5	70308262	C	T	rs61757629	NAIP
5	35072712	T	G	rs72478580	PRLR
5	79616544	G	A	rs2047589	SPZ1
5	75594743	G	A	rs31244	SV2C
5	68661548	G	A	rs4252233	TAF9
5	140048707	A	G	rs35983033	WDR55
6	119327632	C	T	rs17827619	FAM184A
6	119136759	A	C	rs65685	MCM9
6	119149149	C	G	rs284921	MCM9
6	43323852	C	A	rs34541323	ZNF318
7	48315930	G	C	rs74859514	ABCA13
7	99063739	G	C	rs117298057	ATP5J2
7	88423881	T	C	rs2293583	C7orf62
7	81588616	T	G	rs35131433	CACNA2D1
7	89938588	C	G	rs7803620	CFAP69
7	73097713	G	A	rs61751896	DNAJC30
7	299863	C	T	rs62644536	FAM20C
7	90001496	G	C	rs35001814	GTPBP10
7	2646796	G	A	rs61729413	IQCE
7	91794308	G	A	rs73228571	LRRD1
7	100086599	C	T	rs12532726	NYAP1

7	127999459	G	A	rs145413607	PRRT4
7	105148593	G	A	rs61741425	PUS7
7	107427322	A	C	rs34407351	SLC26A3
8	32611970	G	T	rs74942016	NRG1
8	23423673	A	G	rs372040726	SLC25A37
8	100865836	G	A	rs6468694	VPS13B
9	133995629	A	G	rs112844133	AIF1L
10	27389197	T	C	rs7897309	ANKRD26
10	16979714	T	C	rs41289305	CUBN
10	19492702	C	T	rs16918344	MALRD1
10	19493993	G	C	rs4601653	MALRD1
10	103344589	T	G	rs3730463	POLL
11	1262525	C	T	rs55669609	MUC5B
12	27867727	G	A	rs1127787	MRPS35
14	20502044	G	T	rs17277025	OR4K13
14	20528250	G	T	rs45584133	OR4L1
14	20528682	T	C	rs45585336	OR4L1
14	20295627	C	G	rs72663752	OR4N2
15	39544512	C	T	rs11853050	C15orf54
15	40308859	G	T	rs35602605	EIF2AK4
15	79749261	A	C	rs79982509	KIAA1024
17	648498	C	T	rs2740349	GEMIN4
17	649935	G	C	rs2740348	GEMIN4
17	663472	C	A	rs77166377	GLOD4
17	33679440	C	T	rs62079540	SLFN11
17	33689926	T	C	rs4796077	SLFN11
18	28612229	G	T	rs2852003	DSC3
19	43858066	G	A	rs45571738	CD177
19	55148249	G	A	rs16985478	LILRB1
19	14043544	C	T	rs138402331	PODNL1

19	40901011	G	C	rs3745202	PRX
19	2339958	T	C	rs1609752	SPPL2B
19	3595006	A	G	rs34486470	TBXA2R
19	21948570	T	C	rs12974842	ZNF100
20	39990377	G	C	rs61739314	EMILIN3
20	3128578	A	C	rs41304800	FASTKD5
20	33764554	A	G	rs867186	PROCR
20	42194989	T	A	rs33969356	SGK2
21	43896143	C	T	rs117385282	RSPH1
21	45945648	G	C	rs35028190	TSPEAR
21	43838643	G	A	rs13048049	UBASH3A

Table A4.

SNP	Controls 1	Controls 2	Cases 1	Cases 2
rs142114383	-	-	-	-
rs11545169	-	-	-	-
rs11547915	-	-	-	-
rs1051309	250 ng	100 ng	250 ng	250 ng
rs6873053	250 ng	100 ng	250 ng	250 ng
rs61997220	250 ng	100 ng	99 ng	99 ng
rs45571645	250 ng	100 ng	100 ng	100 ng
rs78410337	-	-	-	-
rs11771771	250 ng	100 ng	100 ng	250 ng
rs35431851	250 ng	100 ng	250 ng	250 ng
rs2170363	250 ng	100 ng	250 ng	250 ng
rs62587579	250 ng	100 ng	250 ng	250 ng

Table A5. Fragment Analysis:

Layout fragment analysis	Original conc.	Final conc./amount
MgCl ₂	25 mM	1,5 mM
dNTP mix	10 mM	0,2 mM
Primers (F+R)	1 μ M each in mix	0,2 μ M
DNA	50 ng/ μ l	250 ng
Taq Gold	5 U/ μ l	0,125
PCR buffer II	10 X	1 X