

Supplementary table S1. List of selected, genotyped SNPs and the association with lung cancer risk in the discovery cohort.

Pathway	Gene	ID No.	Alleles	Location	SNP array	CR (%)		MAF		HWE- <i>P</i> (Controls)	Models, <i>p</i> -values			
						Cases (n=610)	Controls (n=610)	Cases	Controls		Global ^a	Dominant ^b	Recessive ^b	Codominant ^b
Apoptosis (n=96)	ABL1	rs2987902	A/T	Promoter	Y	99	99	0.05	0.05	0.24	0.90	0.93	0.69	0.87
		rs1064165	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	ACTB	rs2693950	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
		rs2966449	A/G	Promoter	Y	100	100	0.22	0.22	0.28	0.70	0.81	0.41	0.52
	AKT1	rs10138227	C/T	5'UTR	Y	95	97	0.12	0.14	0.46	0.47	0.26	0.80	0.34
		rs1130214	G/T	5'UTR	Y	0	0	-	-	-	-	-	-	-
		rs28634999	C/T	Promoter	Y	84	93	0.02	0.01	0.77	-	-	-	-
	B2M	rs16966334	C/G	Promoter	Y	100	100	0.14	0.14	0.85	0.45	0.70	0.26	0.96
		rs2255235	G/T	Promoter	Y	100	100	0.08	0.09	0.45	0.63	0.40	0.59	0.48
	BAD	rs2510066	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-
		rs887314	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
	BAG1	rs16919130	C/G	Promoter	Y	100	100	0.11	0.10	0.00	-	-	-	-
	BAG3	rs3858340	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	BAG4	rs17435276	A/C	Promoter	Y	100	100	0.36	0.38	0.50	0.68	0.58	0.62	0.52
	BAK1	rs5745568	A/C	Promoter	Y	100	100	0.24	0.22	0.98	0.48	0.51	0.34	0.30
		rs2284829	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs511515	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-
	BAX	rs4645878	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	BCL2	rs2279115	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	BCL10	rs3768235	A/G	CDS	Y	100	100	0.14	0.16	0.33	0.20	0.25	0.10	0.07
		rs2735592	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
		rs1060843	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs2735593	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs9887812	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
		rs8026803	T/C	IVS	Y	100	100	0.46	0.48	0.49	0.02	0.01	0.05	0.005
	BCL2A1	rs1896795	C/T	IVS	Y	100	100	0.27	0.29	0.80	0.32	0.34	0.10	0.09
		rs2562753	T/A	IVS	N	-	-	-	-	-	-	-	-	-
		rs2562754	C/T	IVS	Y	100	100	0.34	0.38	0.61	0.14	0.15	0.08	0.05
		rs6495460	T/C	IVS	Y	100	100	0.26	0.31	0.71	0.02	0.03	0.02	0.01
		rs34080999	C/A	CDS	N	-	-	-	-	-	-	-	-	-
		rs28403598	C/T	Promoter	Y	100	100	0.32	0.31	0.74	0.92	0.66	0.94	0.71
	BCL2L2	rs4982748	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
rs2227308		G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
BCL2L10	rs2231292	C/A	CDS	N	-	-	-	-	-	-	-	-	-	
	rs4776003	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs2304204	A/G	5'UTR	Y	0	0	-	-	-	-	-	-	-	
BCL2L12	rs2304206	C/T	5'UTR	Y	100	100	0.20	0.20	0.88	0.80	0.63	0.77	0.76	
	rs34739574	C/T	Promoter	Y	90	95	0.00	0.00	-	-	-	-	-	

	rs2304205	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
BCL2L13	rs11089197	C/G	Promoter	Y	100	100	0.10	0.09	0.17	0.45	0.41	0.49	0.67
BCLAF1	rs3757156	C/T	Promoter	Y	100	100	0.10	0.09	0.95	0.65	0.40	0.76	0.39
	rs1967445	A/T	IVS	N	-	-	-	-	-	-	-	-	-
BFAR	rs11546303	G/T	CDS	Y	100	100	0.16	0.16	0.30	0.65	0.48	0.67	0.87
BID	rs386333	A/G	Promoter	Y	96	94	0.01	0.01	0.00	-	-	-	-
	rs4819464	A/G	IVS	Y	88	89	0.00	0.00	-	-	-	-	-
	rs8190256	A/C	Promoter	Y	99	100	0.10	0.15	0.83	0.003	0.004	0.04	0.002
	rs8190315	A/G	CDS	Y	99	99	0.12	0.12	0.05	0.79	0.77	0.68	0.89
BIK	rs4988364	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs4988366	A/G	Promoter	Y	100	100	0.07	0.07	0.43	0.68	0.94	0.35	0.91
	rs926328	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs4988374	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
BIRC4	rs28382699	C/T	Promoter	Y	99	100	0.25	0.26	0.00	-	-	-	-
	rs2355676	A/G	IVS	Y	0	0	-	-	-	-	-	-	-
	rs5956583	A/C	CDS	Y	100	100	0.06	0.06	0.00	-	-	-	-
	rs5958318	C/T	Promoter	Y	82	86	0.38	0.38	0.00	-	-	-	-
	rs28382740	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-
BIRC5	rs2071214	A/G	CDS	Y	99	99	0.21	0.23	0.06	0.01	0.04	0.26	0.21
	rs3764383	A/G	Promoter	Y	100	100	0.21	0.22	0.58	0.84	0.58	0.71	0.75
	rs9904341	G/G	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs17878467	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2239680	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs8073903	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
BIRC6	rs2366894	A/T	CDS	N	-	-	-	-	-	-	-	-	-
BIRC7	rs3810465	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3810466	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
BIRC8	rs7260390	A/T	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs8109165	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs34683072	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs35700345	C/T	CDS	N	-	-	-	-	-	-	-	-	-
BNIP1	rs171725	A/G	Promoter	Y	100	99	0.20	0.16	0.53	0.05	0.02	0.15	0.01
	rs255307	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs5745098	A/G	Promoter	Y	99	99	0.01	0.00	0.92	-	-	-	-
BNIP2	rs6151483	C/T	IVS	Y	91	93	0.17	0.17	0.85	-	-	-	-
	rs755605	A/C	Promoter	Y	100	100	0.47	0.46	0.92	0.69	0.85	0.27	0.41
	rs2306359	G/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs4533213	C/T	IVS	N	-	-	-	-	-	-	-	-	-
	rs3087328	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs754641	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs754642	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
BNIP3L	rs9644114	A/G	IVS	Y	100	100	0.14	0.15	0.41	0.05	0.92	0.02	0.47

	rs4870	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs8725	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2227312	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2227313	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
TNFRSF19	rs3751361	C/T	3'UTR	Y	100	100	0.20	0.20	0.53	0.56	0.76	0.38	0.96	
	rs3829942	A/G	Promoter	Y	99	96	0.00	0.00	-	-	-	-	-	
	rs9550987	A/T	CDS	Y	100	99	0.30	0.33	0.38	0.30	0.27	0.33	0.21	
	rs3751362	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
TNFRSF21	rs6458555	A/G	5'UTR	Y	98	98	0.35	0.35	0.23	0.08	0.24	0.13	0.88	
	rs6458556	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
TNFRSF25	rs3176900	C/T	Promoter	Y	93	94	0.01	0.01	0.80	-	-	-	-	
	rs3007418	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
TNFSF8	rs2075533	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs3181348	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs1555456	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs3181356	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
TNFSF9	rs2234182	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	
TNFSF10	rs3136584	A/C	Promoter	Y	92	95	0.02	0.03	0.52	-	-	-	-	
	rs12488654	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs3136586	T/C	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs388515	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs432821	T/C	Promoter	N	-	-	-	-	-	-	-	-	-	
TNFSF14	rs11878563	A/G	Promoter	Y	100	100	0.45	0.48	0.05	0.42	0.34	0.28	0.21	
	rs344560	T/C	CDS	N	-	-	-	-	-	-	-	-	-	
	rs3760746	C/T	5'UTR	Y	100	100	0.45	0.48	0.04	-	-	-	-	
	rs8106574	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
TP53	rs2287499	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs1042522	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	
TP53BP2	None	-	-	-	-	-	-	-	-	-	-	-	-	
TP73	rs9662633	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs2273953	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs1801173	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	
TP63	rs7631358	G/A	Promoter	Y	81	90	0.47	0.43	0.83	-	-	-	-	
TRADD	rs3181263	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
TRAF1	rs2301334	G/T	5'UTR	Y	93	91	0.22	0.22	0.00	-	-	-	-	
	rs3761846	C/A	IVS	N	-	-	-	-	-	-	-	-	-	
	rs2416806	C/G	IVS	N	-	-	-	-	-	-	-	-	-	
TRAF2	rs17250001	A/C	Promoter	Y	0	0	-	-	-	-	-	-	-	
	rs7852970	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs10747039	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2784075	A/G	IVS	N	-	-	-	-	-	-	-	-	-	
TRAF3	rs1131877	A/G	CDS	Y	100	100	0.47	0.46	0.97	0.94	0.82	0.90	0.94	

Angiogenesis
(n=86)

	rs2075771	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
TRAF4	None	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAF5	rs2271458	A/C	CDS	Y	100	100	0.04	0.03	0.00	-	-	-	-	-
AGGF1	rs17682661	C/T	Promoter	Y	100	100	0.24	0.28	0.55	0.13	0.07	0.19	0.07	
	rs34400049	A/C	CDS	Y	99	100	0.24	0.27	0.42	0.10	0.06	0.15	0.06	
ANG	rs17516133	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
ANGPT1	rs34145387	A/T	Promoter	Y	98	99	0.42	0.43	0.46	0.79	0.71	0.61	0.89	
ANGPT2	rs2515507	C/T	Promoter	Y	99	96	0.07	0.09	0.69	0.04	0.29	0.98	0.18	
	rs3739390	C/G	5'UTR	Y	100	100	0.08	0.10	0.16	0.13	0.14	0.16	0.09	
	rs3739391	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
ANGPTL3	rs11207997	C/T	Promoter	Y	98	98	0.21	0.22	0.52	0.78	0.65	0.58	0.56	
ANGPTL4	rs1044250	C/T	CDS	Y	100	99	0.08	0.07	0.30	0.64	0.67	0.47	0.81	
	rs4076317	C/G	Promoter	Y	99	99	0.24	0.23	0.80	0.72	0.54	0.68	0.91	
ANPEP	rs10584	C/G	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs25653	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs8192297	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
BAl1	None	-	-	-	-	-	-	-	-	-	-	-	-	-
CCL11	rs17735961	A/C	Promoter	Y	100	100	0.15	0.16	0.37	0.07	0.15	0.16	0.44	
	rs17809012	A/G	Promoter	Y	99	100	0.32	0.31	0.18	0.06	0.36	0.07	0.88	
	rs4795895	A/G	Promoter	Y	100	100	0.07	0.07	0.55	0.88	0.91	0.71	0.75	
	rs4795896	C/T	Promoter	Y	100	100	0.38	0.39	0.04	-	-	-	-	
CCL2	rs13900	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2857656	C/G	Promoter	Y	100	100	0.37	0.37	0.04	-	-	-	-	-
	rs3760396	C/G	Promoter	Y	100	100	0.10	0.07	0.88	0.09	0.07	0.28	0.05	
	rs11575012	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
CDH5	rs2344564	C/T	IVS	Y	100	100	0.21	0.20	0.20	0.34	0.13	0.89	0.52	
	rs7404629	A/G	IVS	Y	100	100	0.27	0.28	0.97	0.91	0.71	0.86	0.77	
	rs2344563	C/T	IVS	Y	100	100	0.05	0.05	0.60	0.38	0.91	0.18	0.85	
	rs1049970	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs7499886	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
COL18A1	rs7499	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2838920	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs8131523	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs2838919	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs2230693	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs8199	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
COL4A3	rs10178458	C/T	CDS	Y	100	100	0.10	0.12	0.28	0.12	0.06	0.64	0.07	
	rs11677877	A/G	CDS	Y	100	100	0.13	0.14	0.34	0.81	0.48	0.87	0.50	
	rs13424243	C/G	CDS	Y	100	99	0.08	0.08	0.03	-	-	-	-	
	rs28381984	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs6436669	A/G	CDS	Y	95	98	0.09	0.12	0.11	0.12	0.41	0.06	0.06	
CSF3	rs2227319	A/G	Promoter	Y	96	95	0.39	0.40	0.47	0.55	0.49	0.70	0.93	

	rs2227322	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2227318	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
CXCL1	rs3117604	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
CXCL2	rs3806792	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
CXCL9	rs2276885	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
CXCL10	rs4256246	A/G	Promoter	Y	100	100	0.38	0.36	0.47	0.57	0.58	0.30	0.31	
	rs4508917	A/G	IVS	N	-	-	-	-	-	-	-	-	-	-
CXCL11	rs10031983	C/G	Promoter	Y	100	100	0.39	0.39	0.73	0.84	0.72	0.80	0.72	
ECGF1	rs11479	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
EDG1	rs3737578	A/G	5'UTR	Y	96	96	0.24	0.28	0.63	0.02	0.01	0.75	0.07	
	rs3765684	T/C	5'UTR	Y	96	96	0.29	0.35	0.37	0.003	0.001	0.37	0.003	
	rs12407294	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3737577	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs4987248	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-	-
EFNA1	rs4745	A/T	CDS	Y	100	100	0.15	0.12	0.27	0.08	0.06	0.06	0.03	
	rs9297	A/G	IVS	Y	99	99	0.15	0.12	0.32	0.10	0.09	0.06	0.03	
EGF	rs11568835	A/G	Promoter	Y	100	99	0.19	0.21	0.14	0.24	0.07	0.44	0.19	
	rs11568943	A/G	CDS	Y	100	100	0.23	0.20	0.09	0.09	0.04	0.39	0.15	
	rs2237051	A/G	CDS	Y	100	100	0.30	0.28	0.81	0.53	0.36	0.39	0.28	
	rs4444903	G/A	5'UTR	Y	100	100	0.31	0.27	0.07	0.03	0.45	0.02	0.11	
ENG	rs1800956	C/G	CDS	Y	100	99	0.08	0.08	0.78	0.90	0.59	0.98	0.61	
	rs35400405	A/G	CDS	Y	97	99	0.00	0.00	-	-	-	-	-	
	rs10987758	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
EPAS1	rs1057773	C/G	3'UTR	Y	87	83	0.01	0.01	0.79	-	-	-	-	
	rs17039192	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
EPHB4	None	-	-	-	-	-	-	-	-	-	-	-	-	-
EREG	rs3806794	A/C	Promoter	Y	100	100	0.09	0.09	0.61	0.56	0.39	0.60	0.78	
F2	rs5896	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
FGF2	rs1048201	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs308393	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
FGF6	rs17183487	G/T	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-	
	rs2970824	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2241286	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
FGFR3	rs3135868	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs17879199	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs4450996	A/C	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs736436	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
FIGF	rs5935960	A/T	Promoter	Y	99	99	0.40	0.37	0.00	-	-	-	-	
	rs6632528	C/T	5'UTR	Y	100	100	0.39	0.37	0.00	-	-	-	-	
	rs6632532	G/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
FLT1	None	-	-	-	-	-	-	-	-	-	-	-	-	-
HAND2	rs2276941	A/G	Promoter	Y	89	87	0.20	0.19	0.08	-	-	-	-	

HGF	rs3735520	C/T	Promoter	Y	100	99	0.47	0.48	0.30	0.84	0.78	0.70	0.68
	rs5745608	A/C	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-
HIF1A	rs2057482	C/T	3'UTR	Y	99	100	0.18	0.18	0.52	0.32	0.67	0.15	0.91
HPSE	rs11099592	C/T	CDS	Y	100	99	0.15	0.14	0.08	0.08	0.16	0.13	0.43
ID1	rs1802548	A/G	CDS	N	-	-	-	-	-	-	-	-	-
IFNA1	rs10811543	A/G	Promoter	Y	99	100	0.22	0.23	0.80	0.80	0.91	0.72	0.80
	rs28383796	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs33965070	C/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs34110353	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1758566	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
IFNB1	rs10964831	A/T	Promoter	Y	100	100	0.14	0.15	0.67	0.64	0.55	0.41	0.44
IFNG	rs2069705	C/T	Promoter	Y	87	92	0.15	0.21	0.60	-	-	-	-
	rs2069732	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
IGF1	rs2288377	A/T	Promoter	Y	88	92	0.27	0.27	0.17	-	-	-	-
IL10	rs1800872	A/C	Promoter	Y	100	100	0.28	0.30	0.28	0.47	0.51	0.19	0.28
	rs1800896	A/G	Promoter	Y	100	100	0.08	0.08	0.32	0.90	0.86	0.65	0.80
IL18	rs187238	C/G	Promoter	Y	97	99	0.14	0.15	0.57	0.48	0.24	1.00	0.74
	rs5744247	C/G	IVS	Y	100	100	0.38	0.38	0.96	0.99	0.94	0.98	0.97
	rs360719	A/G	Promoter	Y	99	99	0.13	0.14	0.44	0.58	0.66	0.33	0.50
	rs1946518	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs360717	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs360718	A/C	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs360721	C/G	IVS	N	-	-	-	-	-	-	-	-	-
	rs4988359	A/G	IVS	N	-	-	-	-	-	-	-	-	-
IL1B	rs1143627	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1143625	T/C	Promoter	N	-	-	-	-	-	-	-	-	-
IL6	rs1800796	C/G	Promoter	Y	96	94	0.24	0.25	0.62	-	-	-	-
	rs3087223	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3087225	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3087226	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-
IL8	rs4073	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
ITGAV	rs9333288	A/G	IVS	Y	100	100	0.12	0.14	0.81	0.19	0.12	0.75	0.20
ITGB3	rs3809861	A/G	Promoter	Y	97	95	0.47	0.47	0.37	-	-	-	-
	rs3809862	C/T	Promoter	Y	99	99	0.47	0.47	0.96	0.01	0.08	0.005	0.01
	rs7208055	C/A	Promoter	Y	100	99	0.25	0.29	0.14	0.05	0.11	0.03	0.03
	rs7208170	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2317384	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
JAG1	rs1131695	C/T	IVS	Y	97	99	0.30	0.30	0.87	0.26	0.55	0.19	0.92
	rs2273060	A/G	IVS	N	-	-	-	-	-	-	-	-	-
	rs6040073	A/C	5'UTR	N	-	-	-	-	-	-	-	-	-
KDR	rs1870377	A/T	CDS	Y	100	100	0.41	0.43	0.11	0.22	0.13	0.98	0.40
	rs2305948	C/T	CDS	Y	100	100	0.11	0.11	0.71	0.10	0.79	0.07	0.52

	rs28695311	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs7667298	C/T	5'UTR	Y	99	98	0.28	0.30	0.29	0.56	0.39	0.44	0.31	
	rs2239702	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs9994560	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
LAMA5	rs11698080	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2297587	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs3184293	C/T	3'UTR	Y	83	88	0.01	0.01	0.81	-	-	-	-	-
	rs3810552	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs4925229	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs944895	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2427283	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2274934	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs3737137	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
LECT1	rs3759509	G/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
LEP	rs13228377	A/G	Promoter	Y	95	95	0.24	0.25	0.26	-	-	-	-	-
	rs28954105	G/T	IVS	Y	94	94	0.00	0.00	0.98	-	-	-	-	-
	rs2167270	A/G	5'UTR	Y	99	97	0.19	0.20	0.75	0.71	0.52	0.48	0.41	
MMP2	rs14070	C/T	IVS	Y	97	96	0.29	0.30	0.55	0.94	0.89	0.67	0.77	
	rs2285053	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2285052	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2287073	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
MMP9	rs17577	A/G	IVS	Y	100	100	0.16	0.13	0.82	0.10	0.06	0.08	0.04	
	rs17576	A/G	CDS	Y	99	99	0.32	0.32	0.70	0.99	0.81	0.81	0.78	
	rs3918254	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs20544	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2250889	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs25650	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2274756	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
MMP19	rs12372076	C/G	Promoter	Y	99	98	0.13	0.12	0.43	0.37	0.20	0.78	0.56	
NOTCH4	rs17604492	C/T	CDS	Y	100	100	0.11	0.11	0.60	0.34	0.81	0.16	0.91	
	rs2267644	A/G	Promoter	Y	100	100	0.03	0.03	0.45	-	-	-	-	-
	rs367398	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs397081	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs422951	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs8192564	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs8192579	T/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3134929	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs12055568	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2395106	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3134930	T/C	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs915894	T/G	CDS	N	-	-	-	-	-	-	-	-	-	-
NRP1	rs2229934	C/T	IVS	Y	100	100	0.35	0.34	0.79	0.54	0.33	0.51	0.34	

NRP2	rs849535	C/G	Promoter	Y	100	100	0.04	0.04	0.25	-	-	-	-	
	rs10090	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	
NUDT6	rs12648093	A/G	CDS	Y	100	100	0.08	0.06	0.36	0.18	0.21	0.14	0.10	
PECAM1	rs2812	A/G	3'UTR	Y	100	100	0.32	0.35	0.30	0.11	0.04	0.71	0.21	
	rs1131012	T/C	CDS	N	-	-	-	-	-	-	-	-	-	
PF4	rs3756074	C/G	Promoter	Y	94	93	0.12	0.14	0.25	-	-	-	-	
PLAU	rs1916340	G/T	3'UTR	Y	0	0	-	-	-	-	-	-	-	
	rs2227557	C/T	Promoter	Y	98	99	0.00	0.00	-	-	-	-	-	
	rs2227562	G/A	IVS	N	-	-	-	-	-	-	-	-	-	
	rs2227564	C/T	Promoter	Y	98	98	0.24	0.27	0.59	0.32	0.42	0.17	0.23	
PLG	rs2227560	A/G	IVS	N	-	-	-	-	-	-	-	-	-	
	rs1830521	A/C	Promoter	Y	99	100	0.18	0.18	0.67	0.65	0.38	0.77	0.96	
	rs1864449	A/G	Promoter	Y	100	100	0.19	0.19	0.94	0.82	0.95	0.49	0.85	
	rs4252050	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4252060	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs1864450	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs1950562	T/C	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4110432	T/C	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4252051	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4252052	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4252053	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4252055	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs6690	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
	PTEN	rs12573787	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	PTGS1	rs3842787	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	PTGS2	rs5275	C/T	IVS	Y	100	99	0.21	0.22	0.39	0.78	0.48	0.89	0.71
rs20417		C/G	Promoter	Y	97	98	0.04	0.05	0.24	-	-	-	-	
rs689465		T/C	Promoter	N	-	-	-	-	-	-	-	-	-	
SERPINF1	rs689466	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs9913583	A/C	5'UTR	Y	100	100	0.12	0.11	0.30	0.24	0.20	0.48	0.75	
SH2D2A	rs1136287	C/T	CDS	N	-	-	-	-	-	-	-	-	-	
	rs2768764	A/T	Promoter	Y	95	100	0.11	0.10	0.88	0.51	0.75	0.29	0.94	
SPHK1	rs926103	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs346801	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
STAB1	rs908721	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4434138	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs758800	C/T	Promoter	Y	92	96	0.11	0.11	0.74	-	-	-	-	
STAB2	rs13303	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs11111667	A/G	Promoter	Y	99	99	0.17	0.16	0.62	0.86	0.70	0.59	0.61	
	rs1609860	A/C	CDS	Y	95	95	0.11	0.14	0.03	-	-	-	-	
	rs17034433	A/C	CDS	Y	100	100	0.04	0.03	0.40	-	-	-	-	
	rs7303682	A/C	Promoter	Y	100	100	0.43	0.43	0.54	0.95	0.75	0.89	0.89	

		rs2271637	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	TEK	rs34032300	A/G	CDS	Y	100	100	0.00	0.00	-	-	-	-	-
		rs657867	A/G	Promoter	Y	100	100	0.05	0.05	0.76	-	-	-	-
		rs638203	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	TGFA	None	-	-	-	-	-	-	-	-	-	-	-	-
	TGFB1	rs1800469	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
	TGFB2	rs7550232	A/C	Promoter	Y	98	97	0.08	0.08	0.05	0.06	-	-	-
	THBS1	rs1478604	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs1478605	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	THBS2	rs12435	C/T	3'UTR	Y	98	98	0.23	0.22	0.14	0.55	0.36	0.99	0.75
		rs11758161	C/T	IVS	Y	100	100	0.21	0.21	0.11	0.17	0.50	0.21	0.89
		rs36088849	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	TIMP1	rs4898	C/T	IVS	N	-	-	-	-	-	-	-	-	-
		rs11551797	C/T	IVS	N	-	-	-	-	-	-	-	-	-
	TIMP2	rs8080623	A/G	Promoter	Y	100	100	0.22	0.24	0.65	0.40	0.35	0.46	0.63
		rs7503607	G/T	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs7503726	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs8179093	T/G	Promoter	N	-	-	-	-	-	-	-	-	-
		rs8179096	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs8179091	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	TIMP3	rs9619311	C/T	Promoter	Y	98	93	0.07	0.07	0.65	-	-	-	-
		rs11547635	C/T	IVS	N	-	-	-	-	-	-	-	-	-
		rs9862	C/A	IVS	N	-	-	-	-	-	-	-	-	-
	TNFAIP2	rs8176359	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs1132339	C/G	CDS	N	-	-	-	-	-	-	-	-	-
		rs3178152	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	TNFSF15	rs7848647	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	TNNT1	rs9636153	C/T	5'UTR	Y	89	93	0.20	0.22	0.40	-	-	-	-
	VEGFA	rs1005230	C/T	Promoter	Y	100	100	0.28	0.28	0.66	0.97	0.81	1.00	0.85
		rs2010963	C/G	5'UTR	Y	90	91	0.45	0.43	0.04	-	-	-	-
	ATM	rs609261	A/G	5'UTR	Y	100	100	0.38	0.40	0.79	0.26	0.90	0.10	0.34
		rs189037	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs17174393	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	BRCA1	rs1799966	A/G	CDS	Y	100	100	0.31	0.32	0.75	0.77	0.59	0.57	0.51
		rs4986854	C/T	CDS	Y	99	99	0.03	0.02	0.68	-	-	-	-
		rs799908	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	BRCA2	rs11571653	A/G	CDS	Y	100	99	0.01	0.01	0.00	-	-	-	-
		rs144848	G/T	CDS	Y	96	98	0.26	0.27	0.92	0.89	0.95	0.65	0.70
		rs206118	C/T	5'UTR	Y	97	96	0.19	0.18	0.46	0.66	0.75	0.49	0.48
		rs3092989	G/A	Promoter	Y	100	99	0.11	0.14	0.39	0.04	0.34	0.03	0.15
		rs766173	G/T	CDS	Y	100	100	0.13	0.15	0.89	0.27	0.95	0.12	0.17
		rs1799943	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-

Cancer Pathway
(n=42)

	rs206115	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs206116	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
CD82	rs934178	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1139971	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
CDC25A	rs3731485	C/G	Promoter	Y	99	99	0.14	0.12	0.11	0.23	0.60	0.10	0.36	
	rs3731487	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
CDK4	rs2072052	A/C	Promoter	Y	95	96	0.31	0.29	0.68	-	-	-	-	-
	rs3211605	C/T	Promoter	Y	94	96	0.00	0.00	-	-	-	-	-	-
CHEK2	rs2236141	C/T	Promoter	Y	91	93	0.13	0.15	0.04	-	-	-	-	-
	rs2236142	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
E2F1	rs35385772	A/G	CDS	Y	96	97	0.00	0.00	-	-	-	-	-	-
	rs3213141	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
FGFR2	rs755793	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
FOS	rs932257	G/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs4645856	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs7101	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2239615	T/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
GZMA	rs3136555	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2069186	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2069187	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
HTATIP2	rs931643	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3808990	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3824886	G/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs16906113	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
ICAM1	rs5491	A/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs5498	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
ITGA1	rs16880238	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs4865744	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs4865745	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs10471813	A/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs4145748	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs988574	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs11886	G/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
ITGA2	rs26679	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs26680	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3212383	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2287870	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs3212385	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs28095	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
ITGA3	rs4794094	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs16970080	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-	-
ITGA4	rs1143676	A/G	IVS	Y	100	100	0.20	0.19	0.99	0.53	0.33	0.68	0.47	

CCNH	rs1807895	G/T	Promoter	Y	0	0	-	-	-	-	-	-	-
	rs2290280	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs2230641	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs2266690	T/C	CDS	N	-	-	-	-	-	-	-	-	-
CCNT1	rs2291728	C/G	5'UTR	Y	100	100	0.26	0.26	0.03	-	-	-	-
CCNT2	rs2218558	C/T	Promoter	Y	100	100	0.13	0.15	0.78	0.62	0.49	0.37	0.38
	rs1348793	T/C	Promoter	N	-	-	-	-	-	-	-	-	-
CDC2	rs1871446	C/T	3'UTR	Y	98	99	0.18	0.18	0.69	0.06	0.52	0.04	0.94
	rs2448343	A/G	Promoter	Y	98	96	0.23	0.24	0.13	0.31	0.16	0.92	0.64
CDC6	rs2260179	C/G	IVS	N	-	-	-	-	-	-	-	-	-
	rs13706	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs4134994	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
CDC7	rs12138037	C/G	Promoter	Y	99	99	0.30	0.26	0.06	0.06	0.02	0.41	0.03
	rs13447450	C/T	Promoter	Y	100	100	0.07	0.09	0.71	0.22	0.09	0.44	0.08
CDC16	rs565451	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs10870597	A/G	Promoter	Y	99	97	0.17	0.17	0.06	0.24	0.43	0.23	0.78
	rs17337612	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs17337724	A/G	5'UTR	Y	95	89	0.06	0.08	0.35	-	-	-	-
	rs9590404	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs9590405	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs17337696	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs17337703	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs7321688	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs7336692	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
CDC25C	rs6861656	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs3734166	A/G	CDS	N	-	-	-	-	-	-	-	-	-
CDC34	rs16989712	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs16989724	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
CDC45L	rs16990498	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs5993649	A/G	Promoter	Y	98	92	0.22	0.24	0.42	-	-	-	-
	rs13447182	G/T	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs13447289	C/T	IVS	N	-	-	-	-	-	-	-	-	-
CDK5R1	rs2073760	C/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs756785	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-
CDK5R2	rs359983	C/T	Promoter	Y	0	0	-	-	-	-	-	-	-
CDK5RAP3	rs2285860	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2525083	C/G	Promoter	Y	93	97	0.43	0.43	0.03	-	-	-	-
	rs35054799	C/G	3'UTR	Y	95	94	0.00	0.00	0.97	-	-	-	-
	rs886444	A/G	IVS	Y	97	98	0.03	0.03	0.40	-	-	-	-
	rs2525084	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
CDKN1C	rs452338	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
CDKN2B	rs2069418	C/G	Promoter	Y	99	100	0.13	0.14	0.81	0.79	0.39	0.55	0.44

	RBBP8	rs2305885	G/T	Promoter	Y	100	99	0.05	0.04	0.97	-	-	-	-
	RBL2	rs3929	C/G	3'UTR	Y	99	99	0.15	0.14	0.54	0.58	0.61	0.40	0.37
	RGC32	None	-	-	-	-	-	-	-	-	-	-	-	-
	RPA3	rs13245945	C/T	Promoter	Y	100	100	0.06	0.07	0.92	0.42	0.32	0.28	0.23
		rs7792009	C/T	IVS	Y	99	99	0.26	0.29	0.56	0.14	0.07	0.18	0.07
		rs28912669	C/T	Promoter	Y	99	100	0.12	0.11	0.71	0.57	0.30	0.75	0.37
		rs17169194	C/A	IVS	N	-	-	-	-	-	-	-	-	-
	SERTAD1	rs268687	G/A	CDS	N	-	-	-	-	-	-	-	-	-
		rs4150987	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	SKP2	rs28362652	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
		rs28362653	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
	TFDP1	None	-	-	-	-	-	-	-	-	-	-	-	-
	TFDP2	rs10935453	A/C	Promoter	Y	100	100	0.30	0.28	0.49	0.61	0.25	0.88	0.53
		rs2861422	C/T	IVS	Y	99	100	0.30	0.28	0.55	0.70	0.85	0.32	0.56
		rs11569166	T/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs11569171	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
	UBE1	rs2070169	A/G	IVS	Y	96	96	0.13	0.10	0.00	-	-	-	-
DNA Damage Signaling Pathway (n=65)	AIFM1	rs209539	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-
	ANKRD17	None	-	-	-	-	-	-	-	-	-	-	-	-
	APEX1	rs1130409	G/T	CDS	Y	99	99	0.43	0.42	0.22	0.10	0.17	0.26	0.99
		rs3136814	A/C	5'UTR	Y	99	98	0.04	0.04	0.30	-	-	-	-
		rs17112002	A/T	3'UTR	N	-	-	-	-	-	-	-	-	-
	APEX2	None	-	-	-	-	-	-	-	-	-	-	-	-
	ATRX	rs3088074	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	BTG2	rs10920606	C/T	Promoter	Y	100	100	0.18	0.17	0.69	0.58	0.38	0.93	0.83
		rs4971234	A/G	Promoter	Y	97	99	0.18	0.16	0.74	0.51	0.66	0.16	0.17
	CCNU	rs151203	G/T	Promoter	Y	99	99	0.41	0.42	0.12	0.31	0.52	0.23	0.64
		rs231623	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs163104	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
	CIB1	rs8025979	A/G	Promoter	Y	89	88	0.11	0.10	0.32	-	-	-	-
		rs8028268	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	CRY1	rs3809236	C/T	5'UTR	Y	96	97	0.21	0.22	0.02	-	-	-	-
		rs3809235	T/C	5'UTR	N	-	-	-	-	-	-	-	-	-
	DDB2	rs4237547	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
		rs3758667	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	ERCC1	rs3212935	A/G	IVS	N	-	-	-	-	-	-	-	-	-
		rs3212929	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs2298881	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	ERCC2	rs13181	G/T	CDS	Y	96	99	0.07	0.05	0.84	0.34	0.91	0.17	0.20
		rs1799793	A/G	CDS	Y	98	96	0.06	0.06	0.91	0.35	0.98	0.73	0.59
		rs3916788	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	ERCC4	rs3136038	C/T	Promoter	Y	100	100	0.27	0.26	0.06	0.02	0.61	0.02	0.58

ERCC5	rs6498486	A/C	Promoter	Y	97	95	0.27	0.27	0.00	-	-	-	-
	rs2296147	C/T	5'UTR	Y	100	100	0.20	0.19	0.78	0.48	0.87	0.33	0.37
	rs2094258	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs17655	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs4150247	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs751402	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs873601	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-
ERCC8	rs1323697	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs158919	A/C	Promoter	Y	100	100	0.08	0.07	0.20	0.22	0.17	0.34	0.24
	rs158920	C/T	Promoter	Y	100	100	0.14	0.13	0.53	0.76	0.48	0.77	0.47
	rs4647102	A/G	3'UTR	Y	100	100	0.08	0.07	0.20	0.22	0.34	0.17	0.24
	rs158921	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs4647029	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs4647036	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
EXO1	rs1047840	A/G	CDS	Y	100	100	0.20	0.21	0.87	0.88	0.98	0.65	0.71
	rs1635518	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1776148	A/G	CDS	Y	99	100	0.17	0.19	0.32	0.29	0.47	0.13	0.12
	rs1776178	C/T	Promoter	Y	96	100	0.23	0.22	0.80	0.75	0.40	0.98	0.48
	rs1776179	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-
	rs3754092	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs4149963	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs1635517	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs1776180	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs9350	C/T	CDS	N	-	-	-	-	-	-	-	-	-
FANCG	rs17885617	A/G	Promoter	Y	100	100	0.40	0.38	0.68	0.52	0.27	0.52	0.30
	rs2237857	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs10972302	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs10972303	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs17885140	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
FEN1	rs174538	A/G	5'UTR	N	-	-	-	-	-	-	-	-	
GADD45G	rs3138488	A/G	Promoter	Y	100	97	0.31	0.28	0.24	0.41	0.78	0.18	0.24
	rs3138489	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3138493	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
GML	rs3764795	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs3750246	C/T	IVS	N	-	-	-	-	-	-	-	-	-
IGHMBP2	rs17612126	A/C	CDS	Y	99	100	0.29	0.28	0.16	0.64	0.32	0.83	0.56
	rs2275996	A/G	CDS	Y	99	100	0.10	0.10	0.46	0.12	0.09	0.58	0.90
	rs622082	A/G	CDS	N	-	-	-	-	-	-	-	-	-
IHPK3	rs560096	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs12189725	G/T	5'UTR	Y	100	99	0.10	0.12	0.63	0.49	0.24	0.99	0.28
	rs16869463	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs34343647	G/T	CDS	Y	100	100	0.00	0.01	0.85	-	-	-	-

	rs4711343	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
INPPL1	rs11548491	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
LIG1	rs439132	A/G	IVS	Y	100	100	0.20	0.21	0.17	0.24	0.13	0.36	0.34	
	rs2386521	A/G	IVS	Y	0	0	-	-	-	-	-	-	-	-
LIG3	rs12945428	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs4796030	C/A	IVS	N	-	-	-	-	-	-	-	-	-	-
LIG4	rs2232641	A/G	CDS	Y	100	100	0.02	0.03	0.45	-	-	-	-	-
	rs1805388	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
MAPK12	rs12484714	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
MBD4	rs3138323	C/G	Promoter	Y	100	100	0.06	0.06	0.05	0.08	0.91	0.98	0.59	
	rs3138331	C/T	Promoter	Y	100	100	0.06	0.06	0.05	0.08	-	-	-	-
	rs140693	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
MLH1	rs1800734	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1799977	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
MLH3	rs17102999	A/G	CDS	Y	99	100	0.08	0.07	0.50	0.67	0.97	0.35	0.36	
	rs175080	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs175084	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
MPG	rs710079	C/T	5'UTR	Y	94	99	0.15	0.14	0.70	-	-	-	-	-
MSH2	rs3732183	A/G	IVS	Y	81	84	0.43	0.40	0.80	-	-	-	-	-
	rs1863332	A/C	Promoter	Y	96	94	0.16	0.17	0.11	-	-	-	-	-
	rs1863333	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-	-
	rs2303425	C/T	Promoter	Y	95	98	0.19	0.17	0.23	0.41	0.98	0.15	0.19	
	rs6757310	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2303426	G/C	IVS	N	-	-	-	-	-	-	-	-	-	-
MSH3	rs10168	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs380691	C/T	Promoter	Y	100	100	0.41	0.43	0.18	0.70	0.40	0.47	0.33	
	rs26279	A/G	CDS	Y	100	100	0.29	0.27	0.75	0.43	0.22	0.83	0.38	
	rs1105524	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs1650697	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2250063	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
MSH4	rs1493367	A/C	IVS	N	-	-	-	-	-	-	-	-	-	-
MSH5	rs1802127	C/T	CDS	Y	100	100	0.00	0.00	-	-	-	-	-	-
	rs2075789	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
MSH6	rs1042821	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
MUTYH	rs3219463	A/G	Promoter	Y	100	100	0.32	0.30	0.43	0.21	1.00	0.11	0.22	
	rs3219489	G/C	CDS	N	-	-	-	-	-	-	-	-	-	-
N4BP2	rs1706023	C/T	Promoter	Y	100	100	0.14	0.13	0.13	0.02	0.74	0.01	0.60	
	rs2271395	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
OGG1	rs1052133	C/G	3'UTR	N	-	-	-	-	-	-	-	-	-	-
PMS1	rs5742932	G/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs5742933	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
PMS2	rs2302336	C/T	Promoter	Y	97	90	0.38	0.36	0.52	-	-	-	-	-

		rs3176623	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs3176624	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	XPC	rs2228001	A/C	CDS	Y	99	99	0.37	0.37	0.16	0.02	0.10	0.09	0.77
		rs3731054	G/C	Promoter	Y	100	99	0.27	0.32	0.46	0.03	0.11	0.01	0.02
		rs3731055	G/A	IVS	N	-	-	-	-	-	-	-	-	-
		rs1870134	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
		rs2229090	C/G	3'UTR	N	-	-	-	-	-	-	-	-	-
	XRCC1	rs25489	T/C	CDS	N	-	-	-	-	-	-	-	-	-
		rs25487	T/C	CDS	N	-	-	-	-	-	-	-	-	-
		rs1799782	G/A	CDS	N	-	-	-	-	-	-	-	-	-
		rs3213245	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	XRCC2	rs3218370	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
		rs3218374	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
		rs3218384	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	XRCC3	rs861539	G/A	IVS	N	-	-	-	-	-	-	-	-	-
		rs1799794	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-
	XRCC4	rs16900150	A/G	Promoter	Y	97	97	0.07	0.06	0.82	0.22	0.98	0.33	0.42
		rs1993947	C/G	Promoter	Y	100	100	0.07	0.07	0.82	0.71	0.44	0.71	0.42
		rs2075685	G/T	Promoter	Y	100	100	0.17	0.16	0.71	0.66	0.39	0.93	0.43
		rs2075686	C/T	Promoter	Y	100	100	0.37	0.35	0.71	0.44	0.36	0.21	0.20
		rs1993948	A/T	IVS	N	-	-	-	-	-	-	-	-	-
		rs3734091	T/G	CDS	N	-	-	-	-	-	-	-	-	-
	XRCC5	rs1647764	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs2372767	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
	XRCC6	rs12485198	C/G	Promoter	Y	95	94	0.50	0.50	0.00	-	-	-	-
		rs2267437	C/G	IVS	N	-	-	-	-	-	-	-	-	-
		rs28384707	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	XRCC6BP1	rs3751325	A/T	CDS	Y	100	99	0.31	0.29	0.77	0.48	0.38	0.88	0.54
		rs4590915	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	ZAK	rs3769148	A/G	CDS	Y	100	100	0.22	0.20	0.81	0.54	0.36	0.47	0.35
	C17ORF70	rs34592766	A/T	5'UTR	Y	0	0	-	-	-	-	-	-	-
		rs14422	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	FANCB	rs2188383	C/G	5'UTR	Y	99	100	0.17	0.15	0.00	-	-	-	-
		rs2285490	G/T	Promoter	Y	100	100	0.18	0.15	0.00	-	-	-	-
	FANCM	rs1367580	G/T	CDS	Y	83	86	0.17	0.17	0.15	-	-	-	-
		rs3736772	C/G	CDS	Y	0	0	-	-	-	-	-	-	-
		rs3825625	A/G	Promoter	Y	100	100	0.13	0.15	0.47	0.29	0.81	0.16	0.19
	MDC1	rs2075015	T/C	CDS	N	-	-	-	-	-	-	-	-	-
		rs9262152	C/T	CDS	Y	99	100	0.04	0.05	0.71	-	-	-	-
		rs17292678	T/C	CDS	N	-	-	-	-	-	-	-	-	-
		rs3130645	A/G	CDS	N	-	-	-	-	-	-	-	-	-
		rs9461623	A/G	CDS	N	-	-	-	-	-	-	-	-	-

DNA Repair Gene
(n=9)

Drug Xeno Gene
(n=73)

MMRN1	rs12646270	A/G	CDS	Y	99	100	0.27	0.28	0.06	0.86	0.44	0.74	0.55
	rs1442140	C/T	Promoter	Y	100	100	0.22	0.21	0.56	0.45	0.52	0.24	0.33
	rs1442141	G/T	Promoter	Y	100	100	0.27	0.27	0.02	-	-	-	-
MMRN2	rs34587013	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs36073867	C/G	CDS	Y	99	98	0.00	0.00	0.98	-	-	-	-
	rs3793899	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
PARP2	rs3793900	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3093872	C/T	Promoter	Y	91	92	0.09	0.08	0.79	-	-	-	-
	rs3093873	C/T	Promoter	Y	100	100	0.15	0.19	0.24	0.04	0.01	0.07	0.01
	rs3093870	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
USP1	rs3093878	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs626787	C/G	Promoter	Y	100	100	0.22	0.23	0.70	0.87	0.95	0.67	0.83
	rs646179	G/A	IVS	N	-	-	-	-	-	-	-	-	-
ZBTB32	rs2234360	C/T	Promoter	Y	0	0	-	-	-	-	-	-	-
AADAC	rs2293004	A/G	5'UTR	Y	99	100	0.35	0.34	0.13	0.48	0.52	0.34	0.70
	rs2293005	C/T	Promoter	Y	0	0	-	-	-	-	-	-	-
	rs1803155	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs1042201	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
ADH1A	rs13134764	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs4147531	C/T	Promoter	Y	98	99	0.13	0.11	0.60	0.47	0.23	0.92	0.27
ADH4	rs1800759	A/C	Promoter	Y	100	100	0.20	0.18	0.13	0.70	0.52	0.48	0.41
	rs1800760	A/T	Promoter	Y	84	90	0.08	0.09	0.67	-	-	-	-
	rs4148883	A/G	Promoter	Y	99	99	0.28	0.28	0.87	0.57	0.78	0.32	0.84
	rs4148884	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-
	rs4140388	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
ADH6	rs34582580	G/T	CDS	Y	100	100	0.00	0.00	-	-	-	-	-
	rs13104485	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
ADHFE1	rs4737227	G/T	Promoter	Y	0	0	-	-	-	-	-	-	-
	rs1060242	C/T	CDS	N	-	-	-	-	-	-	-	-	-
AKR1C4	rs17134592	C/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs3829125	G/C	CDS	N	-	-	-	-	-	-	-	-	-
ALDH1A2	rs4646549	C/G	Promoter	Y	99	97	0.28	0.27	0.63	0.81	0.63	0.87	0.76
	rs4646583	C/T	IVS	Y	97	98	0.12	0.11	0.81	0.54	0.31	0.85	0.38
	rs4646626	T/C	CDS	N	-	-	-	-	-	-	-	-	-
ALDH1A3	rs3803430	C/T	CDS	Y	99	100	0.06	0.05	0.65	0.36	-	-	-
	rs3809524	A/G	Promoter	Y	94	93	0.11	0.09	0.64	-	-	-	-
ALDH1B1	rs2073478	G/T	CDS	Y	94	93	0.25	0.29	0.23	-	-	-	-
	rs3043	C/G	3'UTR	Y	100	100	0.31	0.33	0.44	0.28	0.56	0.06	0.20
	rs4878802	C/G	Promoter	Y	99	99	0.26	0.26	0.43	0.15	0.61	0.13	0.83
	rs4878803	A/T	Promoter	Y	88	91	0.27	0.28	0.01	-	-	-	-
	rs7040397	A/G	Promoter	Y	97	97	0.26	0.25	0.75	0.22	0.72	0.18	0.78
ALDH3B1	rs2010404	G/T	Promoter	Y	95	95	0.20	0.18	0.65	-	-	-	-

	rs308337	A/C	Promoter	Y	96	96	0.01	0.01	0.72	-	-	-	-
ALDH3B2	rs1551886	C/T	CDS	Y	100	100	0.07	0.07	0.55	0.85	0.56	0.97	0.58
	rs11603033	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
ALDH4A1	rs2230709	T/C	CDS	N	-	-	-	-	-	-	-	-	-
ALDH5A1	rs16889393	G/A	Promoter	Y	99	97	0.12	0.09	0.14	0.03	0.22	0.01	0.07
	rs2744574	T/C	Promoter	Y	99	99	0.10	0.08	0.40	0.05	0.09	0.09	0.05
	rs2760118	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs3765310	C/T	CDS	N	-	-	-	-	-	-	-	-	-
ALDH6A1	rs1984511	C/T	Promoter	Y	100	100	0.11	0.11	0.44	0.45	0.71	0.37	0.90
	rs2006731	T/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2006732	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
ALDH7A1	rs12514417	G/T	CDS	Y	100	100	0.09	0.11	0.54	0.26	0.33	0.15	0.12
	rs3736174	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2775	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-
ALDH8A1	rs4646870	G/T	Promoter	Y	90	90	0.31	0.30	0.05	-	-	-	-
	rs4646868	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
ALDH9A1	rs4657468	G/T	Promoter	Y	100	100	0.42	0.41	0.33	0.50	0.87	0.29	0.64
CEL	rs668809	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
CYP11B1	rs4541	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs5288	C/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs5294	G/A	IVS	N	-	-	-	-	-	-	-	-	-
CYP11B2	rs11781082	A/G	Promoter	Y	96	97	0.09	0.10	0.69	0.76	0.69	0.77	0.72
	rs1799998	C/T	Promoter	Y	92	95	0.32	0.31	0.58	-	-	-	-
	rs3097	A/G	3'UTR	Y	85	94	0.19	0.14	0.00	-	-	-	-
	rs5305	A/G	Promoter	Y	99	99	0.00	0.00	-	-	-	-	-
	rs4545	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs5312	T/A	CDS	N	-	-	-	-	-	-	-	-	-
CYP1A1	rs4646422	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs1048943	T/C	CDS	N	-	-	-	-	-	-	-	-	-
CYP1B1	rs1056836	C/G	CDS	Y	100	100	0.10	0.12	0.02	-	-	-	-
	rs162558	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2567206	A/G	Promoter	Y	88	90	0.14	0.17	0.51	-	-	-	-
	rs10012	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs2567207	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2855655	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
CYP21A2	rs396458	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs431204	T/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1058152	T/C	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs34607927	A/T	CDS	N	-	-	-	-	-	-	-	-	-
CYP26B1	rs2241057	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs2241059	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs2286965	A/G	CDS	Y	80	90	0.05	0.07	0.81	-	-	-	-

	rs7568553	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
CYP2C18	rs17110192	C/G	Promoter	Y	100	100	0.06	0.04	0.88	-	-	-	-	-
	rs2281891	A/G	CDS	Y	100	100	0.28	0.29	0.97	0.78	0.60	0.50	0.45	
	rs2860840	C/T	3'UTR	Y	100	100	0.19	0.18	0.33	0.70	0.92	0.44	0.74	
CYP2D6	rs1058164	G/C	IVS	N	-	-	-	-	-	-	-	-	-	
	rs1058172	T/C	CDS	N	-	-	-	-	-	-	-	-	-	
	rs17002853	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
	rs3915951	C/A	CDS	N	-	-	-	-	-	-	-	-	-	
CYP2E1	rs2031920	C/T	Promoter	Y	99	100	0.19	0.21	0.12	0.50	0.21	0.65	0.22	
	rs2031921	C/T	Promoter	Y	92	95	0.18	0.21	0.18	-	-	-	-	
	rs2031922	C/T	Promoter	Y	100	100	0.19	0.21	0.11	0.37	0.64	0.14	0.15	
	rs8192766	G/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2070672	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2480257	A/T	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs2480256	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
CYP2R1	rs10741657	G/A	Promoter	Y	100	100	0.41	0.39	0.16	0.04	0.72	0.01	0.27	
CYP2S1	rs338583	C/T	3'UTR	Y	96	96	0.19	0.21	0.05	0.11	0.94	0.05	0.09	
	rs3810171	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
CYP2W1	rs12701220	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
CYP3A7	rs12360	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
CYP4A11	rs9332978	T/C	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs1126742	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
CYP4A22	rs7526026	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2056900	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
CYP4B1	rs2297813	A/C	Promoter	Y	100	100	0.21	0.21	0.15	0.93	0.75	0.91	0.83	
	rs3766195	C/T	3'UTR	Y	87	81	0.15	0.22	0.38	-	-	-	-	
	rs3766196	C/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs4646487	C/T	CDS	Y	100	100	0.15	0.18	0.24	0.08	0.09	0.04	0.03	
	rs632233	A/G	Promoter	Y	99	98	0.26	0.28	0.91	0.30	0.43	0.16	0.22	
	rs632645	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2297809	T/C	CDS	N	-	-	-	-	-	-	-	-	-	
	rs2297810	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
CYP4F2	rs2108622	C/T	CDS	Y	100	99	0.33	0.33	0.41	0.92	0.78	0.80	0.93	
	rs3093086	A/T	Promoter	Y	100	99	0.14	0.12	0.28	0.39	0.16	0.35	0.13	
	rs3093089	C/T	Promoter	Y	0	0	-	-	-	-	-	-	-	
	rs3093085	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs3093090	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs3093091	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs3093092	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	
CYP4F3	rs1159776	A/G	Promoter	Y	100	100	0.19	0.19	0.20	0.94	0.75	0.98	0.77	
	rs35888783	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs3794987	C/T	Promoter	Y	100	100	0.26	0.24	0.33	0.35	0.21	0.26	0.16	

GSTA3	rs597169	G/T	Promoter	Y	99	100	0.34	0.38	0.18	0.04	0.01	0.59	0.03
GSTA4	rs16883343	C/T	Promoter	Y	100	100	0.14	0.13	0.72	0.66	0.71	0.35	0.55
	rs3756979	A/C	Promoter	Y	100	100	0.08	0.05	0.90	0.10	0.05	0.66	0.06
GSTA5	rs2397118	C/T	CDS	Y	90	90	0.16	0.17	0.45	-	-	-	-
GSTM1	rs412302	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs412543	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs17036148	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-
GSTM2	rs638820	C/T	Promoter	Y	100	100	0.27	0.27	0.46	0.96	0.92	0.90	0.95
GSTM5	rs11101989	A/C	Promoter	Y	100	98	0.32	0.36	0.00	-	-	-	-
	rs1633365	T/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs414673	T/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs674787	T/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1296954	T/C	Promoter	N	-	-	-	-	-	-	-	-	-
GSTO1	rs11191975	A/G	IVS	N	-	-	-	-	-	-	-	-	-
	rs17878943	G/C	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs2164624	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-
GSTP1	rs17593068	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs6591256	A/G	Promoter	Y	98	95	0.17	0.18	0.14	0.87	0.81	0.74	0.90
	rs1695	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs643318	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs694746	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs8191438	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs643317	T/C	Promoter	N	-	-	-	-	-	-	-	-	-
GSTT1	rs4630	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs6004035	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
GSTZ1	rs7975	A/G	IVS	Y	94	94	0.48	0.47	0.15	-	-	-	-
	rs8177535	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs731346	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs2363643	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs7160195	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3087524	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs3177427	G/A	CDS	N	-	-	-	-	-	-	-	-	-
GZMB	rs2236337	C/T	3'UTR	Y	100	100	0.22	0.19	0.34	0.11	0.98	0.03	0.07
	rs7144366	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs11539752	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs2273844	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-
HSD17B10	rs1264014	G/C	Promoter	N	-	-	-	-	-	-	-	-	
MGST2	rs2132845	A/T	5'UTR	Y	100	100	0.18	0.20	0.06	0.23	0.43	0.21	0.40
	rs8192002	A/C	Promoter	Y	99	100	0.20	0.22	0.77	0.29	0.64	0.13	0.35
	rs8192004	A/C	Promoter	Y	98	100	0.31	0.30	0.42	0.80	0.54	0.72	0.58
	rs795600	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
MGST3	rs10737515	A/G	Promoter	Y	99	97	0.21	0.22	0.64	0.61	0.35	0.63	0.34

		rs4147593	A/T	Promoter	Y	97	99	0.21	0.22	0.50	0.69	0.38	0.79	0.41
		rs4626863	C/G	Promoter	Y	100	100	0.06	0.07	0.41	0.28	0.71	0.12	0.15
		rs6694924	C/T	Promoter	Y	98	97	0.19	0.19	0.80	0.94	0.76	0.83	0.74
		rs4147592	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs12040685	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
		rs9333367	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
		rs8133	G/T	3'UTR	N	-	-	-	-	-	-	-	-	-
	RPL13A	rs4802612	A/G	Promoter	Y	95	98	0.08	0.08	0.72	1.00	0.98	0.91	1.00
		rs2271952	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	UCHL1	rs11556271	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	UCHL3	rs2274048	G/T	3'UTR	Y	100	100	0.07	0.06	0.33	0.06	0.97	0.33	0.56
		rs2281762	A/G	Promoter	Y	99	96	0.37	0.36	0.25	0.52	0.94	0.27	0.54
		rs7326807	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs3812845	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
	UGT1A10	rs3892221	C/T	IVS	N	-	-	-	-	-	-	-	-	-
		rs1105879	C/A	IVS	N	-	-	-	-	-	-	-	-	-
		rs11692021	C/T	IVS	N	-	-	-	-	-	-	-	-	-
		rs2070959	A/G	IVS	N	-	-	-	-	-	-	-	-	-
		rs34150486	C/G	CDS	N	-	-	-	-	-	-	-	-	-
		rs3755320	C/A	IVS	N	-	-	-	-	-	-	-	-	-
		rs28946885	A/T	IVS	N	-	-	-	-	-	-	-	-	-
	UGT1A4	rs3806591	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	UGT1A8	rs10210058	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	UGT1A9	rs17864684	G/A	IVS	N	-	-	-	-	-	-	-	-	-
		rs3806598	C/A	IVS	N	-	-	-	-	-	-	-	-	-
	UGT2A1	rs4148279	A/G	Promoter	Y	99	99	0.43	0.42	0.59	0.20	0.32	0.27	0.94
		rs4148278	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	UGT2B4	rs13129471	A/G	Promoter	Y	100	99	0.25	0.24	0.60	0.36	0.80	0.19	0.73
		rs2736441	C/G	Promoter	Y	0	0	-	-	-	-	-	-	-
		rs6820660	C/T	Promoter	Y	100	100	0.24	0.22	0.61	0.30	0.12	1.00	0.54
		rs6821129	G/T	Promoter	Y	99	99	0.23	0.23	0.64	0.36	0.22	0.63	0.91
		rs941389	A/C	Promoter	Y	100	100	0.26	0.25	0.94	0.28	0.99	0.13	0.54
	UGT2B7	rs12233719	G/T	CDS	Y	100	100	0.14	0.14	0.17	0.93	0.76	0.82	0.82
		rs11940316	C/T	Promoter	Y	100	100	0.32	0.35	0.90	0.30	0.16	0.32	0.13
	UGT2B11	rs6833028	C/T	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-
		rs7668282	C/T	Promoter	Y	100	100	0.10	0.10	0.26	0.89	0.69	0.67	0.63
	AR	rs9332969	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	BMPRI1B	rs4348103	A/C	Promoter	Y	99	100	0.32	0.33	0.31	0.48	0.20	0.91	0.36
		rs1434548	C/G	IVS	Y	100	100	0.08	0.10	0.09	0.32	0.71	0.11	0.14
		rs17023017	G/T	IVS	Y	100	100	0.28	0.28	0.71	0.57	0.61	0.62	0.87
	C3	rs1047286	G/A	CDS	N	-	-	-	-	-	-	-	-	-
		rs11569393	G/T	Promoter	Y	96	95	0.20	0.18	0.20	-	-	-	-

Estrogen Receptor Signaling
(n=77)

	rs16949649	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs11556835	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
NRIP1	rs2228507	A/T	CDS	Y	99	99	0.23	0.22	0.23	0.86	0.71	0.80	0.82	
NSD1	rs3733875	G/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs28932178	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
PAPPA	rs417012	G/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs7020782	A/C	CDS	Y	100	100	0.20	0.20	0.11	0.29	0.56	0.24	0.95	
	rs386088	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
PGR	rs484389	C/T	3'UTR	Y	100	100	0.20	0.19	0.13	0.35	0.27	0.56	0.39	
PHB2	rs11541468	A/G	5'UTR	Y	98	97	0.12	0.11	0.10	0.15	0.07	0.72	0.44	
PPARGC1B	rs11959820	A/C	CDS	Y	100	100	0.12	0.11	0.02	-	-	-	-	-
	rs7732671	C/G	CDS	Y	100	100	0.06	0.04	0.28	-	-	-	-	-
PPP1R15A	rs35087747	G/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs611251	A/G	CDS	Y	100	100	0.08	0.08	0.90	0.91	0.81	0.87	0.84	
	rs3786734	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs564196	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs626974	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs500079	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
RAC2	rs2413458	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-	-
RERG	rs961176	A/C	Promoter	Y	100	100	0.14	0.14	0.44	0.67	0.98	0.47	0.83	
	rs767201	A/G	IVS	Y	100	100	0.25	0.24	0.31	0.68	0.43	0.97	0.72	
RPL27	rs323505	C/T	Promoter	Y	99	99	0.01	0.01	0.77	-	-	-	-	-
S100A2	rs8401	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
SCGB1D2	rs12226294	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2232946	C/T	Promoter	Y	100	100	0.49	0.42	0.06	0.001	0.02	0.002	0.001	
	rs2232950	C/T	CDS	Y	100	100	0.18	0.22	0.85	0.06	0.27	0.01	0.01	
	rs2232954	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
SCGB2A1	rs3900954	A/G	Promoter	Y	99	99	0.15	0.17	0.87	0.46	0.70	0.22	0.23	
SCGB2A2	rs7125138	C/T	Promoter	Y	84	90	0.20	0.21	0.00	-	-	-	-	-
SERPINA3	rs1884082	G/T	Promoter	Y	100	100	0.36	0.35	0.26	0.85	0.72	0.62	0.59	
SERPINB5	rs10048322	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs17071138	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1455555	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2289520	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs3744940	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3744941	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2289519	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs7244879	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
SERPINE1	rs2227631	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs6092	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
SPRR1B	rs1933381	C/G	Promoter	Y	97	98	0.31	0.31	0.51	0.80	0.66	0.79	0.99	
	rs2711	C/T	3'UTR	Y	100	100	0.35	0.35	0.31	0.85	0.85	0.74	0.88	

		rs3806221	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
		rs3806223	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
		rs10788855	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
		rs3181787	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs10788854	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
		rs11205176	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs12085426	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
		rs3795382	C/T	CDS	N	-	-	-	-	-	-	-	-	-
		rs11205177	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	STC2	None	-	-	-	-	-	-	-	-	-	-	-	-
	SULT1E1	rs3736599	A/G	5'UTR	Y	100	100	0.25	0.28	0.14	0.36	0.19	0.27	0.16
	TFF1	rs225359	A/G	Promoter	Y	100	100	0.22	0.23	0.86	0.62	0.45	0.48	0.38
	THBS4	rs1866389	C/G	CDS	Y	98	98	0.07	0.07	0.99	0.93	0.87	0.80	0.92
		rs3813667	C/T	Promoter	Y	91	87	0.24	0.22	0.13	-	-	-	-
		rs405482	G/A	IVS	N	-	-	-	-	-	-	-	-	-
		rs447875	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	TOP2A	rs525812	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	VIM	rs3758411	C/G	Promoter	Y	81	85	0.28	0.27	0.00	-	-	-	-
	ATXN3	rs17127937	A/G	3'UTR	Y	100	100	0.44	0.45	0.10	0.60	0.38	0.85	0.64
		rs2896196	C/G	Promoter	Y	99	100	0.13	0.12	0.80	0.91	0.76	0.68	0.65
		rs1048755	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	BRIP1	rs2048718	C/T	Promoter	Y	97	97	0.20	0.18	0.55	0.38	0.42	0.20	0.17
		rs4986764	C/T	CDS	Y	99	100	0.26	0.24	0.90	0.67	0.41	0.67	0.40
	CETN2	rs3761503	C/T	Promoter	Y	97	100	0.17	0.15	0.00	-	-	-	-
		rs3213467	C/T	Promoter	Y	99	100	0.11	0.10	0.00	-	-	-	-
	DKC1	None	-	-	-	-	-	-	-	-	-	-	-	-
	ERCC6	rs4253211	C/G	CDS	Y	100	100	0.06	0.05	0.23	0.37	0.60	0.20	0.27
		rs4253231	C/T	3'UTR	Y	83	92	0.21	0.23	0.26	-	-	-	-
		rs2228527	T/C	CDS	N	-	-	-	-	-	-	-	-	-
		rs2228528	T/C	CDS	N	-	-	-	-	-	-	-	-	-
		rs2228529	T/C	CDS	N	-	-	-	-	-	-	-	-	-
		rs4253004	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs2228526	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	GTF2H4	rs1052693	C/T	5'UTR	Y	98	98	0.45	0.46	0.11	0.89	0.57	0.99	0.75
		rs2284175	C/T	Promoter	Y	98	98	0.45	0.45	0.35	0.87	0.62	0.72	0.90
		rs1264309	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs2074510	T/G	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs3218802	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
		rs3218808	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
	MGMT	rs12917	C/T	CDS	Y	88	93	0.13	0.14	0.96	-	-	-	-
	MMS19L	rs2275586	C/G	CDS	Y	99	99	0.02	0.02	0.62	-	-	-	-
		rs3750558	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-

Genome Stability
(n=34)

	rs17112841	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
NEIL2	rs3802168	C/T	5'UTR	Y	89	91	0.25	0.23	0.01	-	-	-	-
	rs8191518	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs8191664	G/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs8191514	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs8191613	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs1534862	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs804270	C/G	IVS	N	-	-	-	-	-	-	-	-	-
NEIL3	rs10009807	A/G	Promoter	Y	98	97	0.07	0.05	0.74	-	-	-	-
	rs17064587	A/G	5'UTR	Y	100	99	0.28	0.26	0.99	0.53	0.45	0.33	0.28
	rs17064676	A/G	CDS	Y	99	99	0.05	0.04	0.25	-	-	-	-
	rs17726200	G/T	Promoter	Y	100	100	0.21	0.24	0.18	0.07	0.02	0.49	0.15
	rs34193982	A/G	CDS	Y	98	98	0.12	0.11	0.11	0.32	0.80	0.19	0.60
	rs34715119	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs7689099	C/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs13112358	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs13112390	A/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs34007209	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs34403901	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
PARP1	rs907187	C/G	IVS	Y	94	82	0.47	0.48	0.03	-	-	-	-
	rs1136410	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs1341336	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3219145	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs7531668	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
PARP3	rs929533	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
PINX1	rs3808605	C/T	Promoter	Y	99	99	0.12	0.11	0.71	0.66	0.69	0.52	0.60
	rs1078543	A/T	CDS	N	-	-	-	-	-	-	-	-	-
POLL	rs3730478	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
POT1	rs7782410	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3815221	G/A	IVS	N	-	-	-	-	-	-	-	-	-
RAD54B	rs2028429	A/T	Promoter	Y	100	100	0.05	0.06	0.09	-	-	-	-
	rs3099398	A/G	IVS	Y	0	0	-	-	-	-	-	-	-
RFC1	None	-	-	-	-	-	-	-	-	-	-	-	-
SLK	rs3740469	A/G	CDS	Y	100	100	0.15	0.14	0.60	0.89	0.80	0.73	0.70
	rs6584583	C/T	Promoter	Y	98	95	0.08	0.09	0.21	0.84	0.56	0.99	0.57
SMG6	rs408067	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1885986	G/C	CDS	N	-	-	-	-	-	-	-	-	-
SMUG1	rs4759344	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-
	rs6580978	A/G	Promoter	Y	99	99	0.43	0.44	0.35	0.21	0.70	0.13	0.56
	rs2233921	C/A	3'UTR	N	-	-	-	-	-	-	-	-	-
TDG	rs3829300	A/G	IVS	Y	100	100	0.28	0.29	0.24	0.60	0.33	0.96	0.43
	rs4135036	C/T	Promoter	Y	100	100	0.22	0.21	0.58	0.90	0.66	0.67	0.60

		rs4135038	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs4135113	A/G	CDS	Y	100	100	0.21	0.19	0.00	-	-	-	-
	TEP1	rs1713456	C/T	CDS	Y	100	100	0.10	0.09	0.69	0.76	0.70	0.83	0.69
		rs1760890	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs1760897	C/T	CDS	Y	100	100	0.16	0.16	0.09	0.16	0.12	0.43	0.81
		rs1760904	C/T	CDS	Y	99	96	0.38	0.39	0.80	0.70	0.94	0.49	0.68
		rs2228035	A/G	CDS	Y	92	91	0.05	0.04	0.29	-	-	-	-
		rs2228041	T/C	CDS	N	-	-	-	-	-	-	-	-	-
		rs4246977	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
		rs4982051	A/G	CDS	N	-	-	-	-	-	-	-	-	-
		rs938886	C/G	CDS	N	-	-	-	-	-	-	-	-	-
		rs1760898	T/G	CDS	N	-	-	-	-	-	-	-	-	-
		rs34179031	T/C	CDS	N	-	-	-	-	-	-	-	-	-
		rs1760894	A/G	IVS	N	-	-	-	-	-	-	-	-	-
		rs1760895	A/G	IVS	N	-	-	-	-	-	-	-	-	-
	TERF2IP	rs1865493	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
	TERT	rs34062885	T/G	CDS	N	-	-	-	-	-	-	-	-	-
		rs2853669	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	TINF2	rs28372734	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-
	TNKS	rs9329203	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs9329202	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs10109026	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	TNKS2	rs12411706	A/G	IVS	Y	85	82	0.00	0.00	-	-	-	-	-
	TOP3B	rs762474	G/T	5'UTR	Y	100	100	0.08	0.08	0.14	0.80	0.89	0.45	0.51
		rs9610728	C/T	CDS	Y	97	98	0.09	0.08	0.36	0.99	0.78	0.92	0.82
	TPP1	rs1800752	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs1800753	A/G	IVS	N	-	-	-	-	-	-	-	-	-
	UBE2A	rs5910619	C/T	Promoter	Y	100	100	0.23	0.18	0.00	-	-	-	-
	UBE2B	rs1379247	A/G	Promoter	Y	99	100	0.04	0.03	0.04	-	-	-	-
	UBE2I	rs4610	A/G	IVS	Y	99	100	0.04	0.04	0.00	-	-	-	-
		rs8063	A/G	3'UTR	Y	100	100	0.05	0.04	0.00	-	-	-	-
	UBE2N	rs3759169	C/T	Promoter	Y	100	100	0.24	0.26	0.60	0.73	0.46	0.54	0.43
	XAB2	rs3760676	A/G	Promoter	Y	97	98	0.20	0.18	0.76	0.48	0.36	0.42	0.29
		rs4134809	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	ALOX12	rs9897850	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
		rs312466	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs11571326	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs9904779	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
		rs1126667	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	AMH	rs10407022	G/T	CDS	N	-	-	-	-	-	-	-	-	-
		rs4807216	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	APBB1	rs2723664	A/G	Promoter	Y	97	96	0.33	0.32	0.38	0.54	0.22	0.72	0.40

Growth Factors
(n=69)

INHBA	rs2877098	C/T	Promoter	Y	100	100	0.35	0.35	0.29	0.94	0.71	0.89	0.84
INHBB	rs7578624	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
JAG2	rs1057744	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs2238286	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs9972231	C/T	CDS	N	-	-	-	-	-	-	-	-	-
LEFTY1	rs1877726	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3766941	A/C	3'UTR	Y	99	100	0.25	0.23	0.91	0.43	0.26	0.48	0.31
	rs360057	G/T	CDS	N	-	-	-	-	-	-	-	-	-
LEFTY2	rs3753673	A/G	Promoter	Y	99	98	0.08	0.08	0.51	0.58	0.26	0.61	0.50
	rs3753674	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2295418	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs366439	A/G	CDS	N	-	-	-	-	-	-	-	-	-
LIF	rs2267153	C/G	Promoter	Y	100	100	0.32	0.33	0.75	0.66	0.44	0.67	0.44
LTBP4	rs10880	C/T	IVS	Y	99	100	0.30	0.30	0.50	0.26	0.25	0.47	0.56
	rs1131620	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs1051481	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs2303729	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs33937741	C/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs11668767	C/T	CDS	N	-	-	-	-	-	-	-	-	-
NDP	rs5905587	C/T	Promoter	Y	97	98	0.34	0.32	0.00	-	-	-	-
	rs5906332	A/G	Promoter	Y	91	96	0.25	0.21	0.00	-	-	-	-
	rs5953000	A/G	Promoter	Y	99	100	0.33	0.32	0.00	-	-	-	-
NDUFA13	rs7250893	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
NODAL	rs1904589	C/T	CDS	Y	92	88	0.14	0.13	0.03	-	-	-	-
NRG1	rs3802158	A/G	Promoter	Y	100	99	0.21	0.23	0.37	0.24	0.07	0.51	0.24
	rs3802159	C/G	Promoter	Y	100	100	0.35	0.34	0.41	0.47	0.54	0.49	0.83
	rs3802160	C/T	Promoter	Y	99	100	0.21	0.23	0.36	0.26	0.08	0.46	0.22
	rs3924999	C/T	CDS	Y	100	100	0.25	0.20	0.14	0.00	0.00	0.04	0.00
	rs7820838	C/T	IVS	N	-	-	-	-	-	-	-	-	-
	rs7834206	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
NRG3	rs2295934	G/T	CDS	Y	100	100	0.06	0.06	0.45	0.79	0.58	0.64	0.59
NRTN	rs3763046	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-
NTF3	rs6489629	A/G	Promoter	Y	100	100	0.24	0.25	0.09	0.34	0.40	0.47	0.68
	rs1805149	A/G	CDS	N	-	-	-	-	-	-	-	-	-
OSGIN1	rs4782863	A/G	Promoter	Y	99	98	0.14	0.15	0.70	0.60	0.92	0.33	0.38
	rs4782865	C/T	CDS	Y	99	98	0.22	0.22	0.18	0.65	0.50	0.61	0.85
PCLKC	rs17078347	A/C	CDS	Y	87	87	0.46	0.45	0.45	-	-	-	-
	rs2291442	T/C	CDS	N	-	-	-	-	-	-	-	-	-
PDGFC	rs3733486	C/T	5'UTR	Y	0	0	-	-	-	-	-	-	-
PML	rs743580	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs743581	G/T	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs743582	C/G	CDS	Y	94	91	0.19	0.16	0.14	-	-	-	-

GST MMP CYP NAT
(n=38)

PPP2CA	rs2292283	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
PSPN	None	-	-	-	-	-	-	-	-	-	-	-	-	-
SIPA1	rs34912782	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs3741378	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
SLCO1A2	rs10770797	C/T	IVS	Y	99	100	0.29	0.29	0.25	0.95	0.92	0.95	1.00	
	rs10841803	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs3764045	C/A	IVS	N	-	-	-	-	-	-	-	-	-	-
SPP1	rs2853744	G/T	Promoter	Y	100	100	0.31	0.28	0.89	0.35	0.18	0.63	0.21	
	rs11730582	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
TDGF1	rs3806703	C/T	Promoter	Y	97	95	0.15	0.13	0.00	-	-	-	-	-
	rs3806704	G/C	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs11130097	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2293025	T/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs3914851	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
THPO	rs885838	C/T	Promoter	Y	92	93	0.39	0.41	0.00	-	-	-	-	-
	rs956732	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs6141	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-	-
WFDC1	rs12933084	A/G	CDS	Y	100	99	0.21	0.21	0.08	0.45	0.78	0.31	0.88	
	rs400345	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
WHDC1	rs8025432	A/C	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs7179000	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
ACYP1	rs7303	C/T	3'UTR	Y	100	100	0.18	0.20	0.69	0.43	0.31	0.33	0.23	
ACYP2	rs843707	C/T	3'UTR	Y	95	98	0.29	0.29	0.00	-	-	-	-	-
	rs843706	C/A	IVS	N	-	-	-	-	-	-	-	-	-	-
BTNL8	rs2276995	A/G	CDS	Y	100	100	0.40	0.37	0.44	0.39	0.23	0.26	0.15	
C3orf31	rs7641243	C/T	CDS	Y	100	100	0.25	0.25	0.42	0.40	0.27	0.50	0.91	
	rs9267	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
C3orf39	rs17470089	C/G	IVS	Y	93	93	0.30	0.30	0.21	-	-	-	-	-
	rs11707725	C/G	IVS	Y	98	99	0.11	0.10	0.09	0.13	0.07	0.28	0.15	
CYP20A1	rs2043449	A/G	CDS	Y	100	100	0.05	0.05	0.87	-	-	-	-	-
CYP2A6	rs5031017	C/A	CDS	N	-	-	-	-	-	-	-	-	-	-
CYP2A7	rs2261144	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs4803393	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs10425176	A/T	CDS	N	-	-	-	-	-	-	-	-	-	-
CYP39A1	rs12192544	C/G	CDS	Y	100	100	0.11	0.11	0.90	0.93	0.92	0.81	0.88	
	rs2277119	A/G	CDS	Y	84	82	0.20	0.24	0.04	-	-	-	-	-
	rs7761731	A/T	CDS	N	-	-	-	-	-	-	-	-	-	-
CYP4V2	rs13146272	A/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs1055138	G/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs1398007	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs3817184	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
CYP4X1	rs12141009	C/T	IVS	Y	100	100	0.25	0.25	0.43	0.71	0.53	0.92	0.88	

FAM86A	rs1047523	A/C	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs17137622	A/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs9673733	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs17137621	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
GNAT2	rs2304355	C/T	5'UTR	Y	100	100	0.10	0.10	0.01	-	-	-	-	-
	rs3738766	A/C	CDS	Y	99	100	0.18	0.18	0.81	0.78	0.55	0.86	0.96	
HAK	rs9944810	A/C	Promoter	Y	99	100	0.43	0.41	0.70	0.58	0.20	0.64	0.26	
	rs33910491	C/T	CDS	Y	100	100	0.02	0.01	0.77	-	-	-	-	
	rs3744867	C/T	IVS	Y	100	100	0.32	0.33	0.92	0.78	0.90	0.71	0.74	
	rs3809983	G/T	CDS	Y	100	100	0.25	0.28	0.42	0.14	0.05	0.78	0.10	
	rs3809977	T/G	CDS	N	-	-	-	-	-	-	-	-	-	
IMMP1L	rs2295748	C/T	5'UTR	Y	100	100	0.30	0.30	0.89	0.98	0.77	0.90	0.82	
MMP12	rs652438	A/G	CDS	Y	97	100	0.09	0.08	0.72	0.51	0.45	0.32	0.36	
MMP20	rs17099008	A/C	CDS	Y	99	100	0.11	0.12	0.15	0.55	0.42	0.87	0.47	
	rs2245803	A/C	CDS	Y	97	98	0.16	0.16	0.86	0.84	0.69	0.79	0.91	
	rs2464356	A/G	Promoter	Y	100	100	0.08	0.09	0.75	0.38	0.27	0.25	0.19	
	rs2464357	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2464358	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs1784424	T/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs1940050	T/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs1784423	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
MMP24	rs3764733	C/T	CDS	Y	100	100	0.09	0.10	0.48	0.61	0.41	0.35	0.33	
MMP27	rs2509010	C/T	CDS	Y	100	100	0.10	0.07	0.27	0.02	0.01	0.81	0.02	
	rs12099177	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs1939015	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
NARG1L	rs6560982	G/T	3'UTR	Y	100	100	0.04	0.04	0.35	-	-	-	-	
NAT1	rs10888150	C/T	Promoter	Y	100	100	0.47	0.47	0.04	-	-	-	-	
	rs28359481	C/T	Promoter	Y	100	100	0.03	0.03	0.48	-	-	-	-	
	rs7845127	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
NAT2	rs1799931	A/G	CDS	Y	97	99	0.12	0.14	0.08	0.20	0.75	0.11	0.16	
	rs1495744	A/G	IVS	Y	100	100	0.03	0.02	0.64	-	-	-	-	
	rs4271002	C/G	Promoter	Y	99	100	0.21	0.23	0.22	0.45	0.60	0.21	0.22	
	rs4646242	A/G	Promoter	Y	100	100	0.22	0.20	0.22	0.49	0.32	0.50	0.28	
	rs4646243	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4646246	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4345601	A/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4646244	T/A	Promoter	N	-	-	-	-	-	-	-	-	-	
NAT8B	rs2001490	C/G	CDS	Y	100	100	0.36	0.35	0.03	-	-	-	-	
	rs4852974	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
NAT9	rs2305213	C/T	CDS	Y	100	100	0.04	0.04	0.34	-	-	-	-	
NAT11	rs873928	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-	
NAT13	rs1048892	C/T	5'UTR	Y	100	100	0.46	0.45	0.42	0.70	0.56	0.88	0.82	

p53 Signaling Pathway
(n=38)

NMNAT1	rs1234694	A/G	Promoter	Y	86	84	0.37	0.39	0.77	-	-	-	-
OLFM2	rs11556087	C/T	CDS	Y	96	97	0.00	0.00	-	-	-	-	-
	rs2303100	T/C	CDS	N	-	-	-	-	-	-	-	-	-
PPEF1	rs17247243	A/G	Promoter	Y	96	96	0.35	0.30	0.00	-	-	-	-
PPIC	rs28373879	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-
PPIE	rs1046988	C/T	3'UTR	Y	100	100	0.25	0.26	0.72	0.79	0.67	0.62	0.89
PPIL1	None	-	-	-	-	-	-	-	-	-	-	-	-
SLC38A4	rs11183610	G/A	CDS	Y	100	100	0.07	0.06	0.14	0.03	0.15	0.97	0.32
	rs180438	A/G	IVS	Y	100	100	0.42	0.44	0.19	0.28	0.97	0.10	0.38
	rs2429467	C/T	CDS	Y	100	100	0.22	0.26	0.10	0.03	0.01	0.06	0.01
SLC6A2	rs1805066	A/G	CDS	N	-	-	-	-	-	-	-	-	-
SMCR7	rs12603700	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
SMYD4	rs3809875	C/G	CDS	Y	99	99	0.22	0.22	0.33	0.28	0.58	0.18	0.98
	rs7224496	A/C	CDS	Y	100	100	0.26	0.26	0.21	0.99	0.89	0.84	0.83
	rs9902398	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs9913923	C/T	CDS	Y	100	100	0.08	0.09	0.17	0.22	0.23	0.24	0.37
TDRD5	rs16854429	G/T	IVS	Y	99	100	0.33	0.33	0.16	0.82	0.90	0.66	0.77
	rs1999068	A/G	Promoter	Y	99	96	0.40	0.39	0.04	-	-	-	-
	rs6704505	A/G	CDS	N	-	-	-	-	-	-	-	-	-
ZNF554	rs867168	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs867169	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs1001814	C/T	Promoter	Y	100	100	0.15	0.17	0.03	-	-	-	-
AATF	rs11653434	C/T	3'UTR	Y	97	97	0.00	0.00	-	-	-	-	-
	rs7216758	G/T	Promoter	Y	100	100	0.01	0.01	0.71	-	-	-	-
	rs15038	A/T	Promoter	Y	93	95	0.00	0.00	-	-	-	-	-
BAP1	rs35353781	A/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs3753793	G/T	Promoter	Y	100	99	0.37	0.35	0.77	0.67	0.37	0.67	0.45
	rs3753794	C/T	Promoter	Y	97	95	0.34	0.33	0.70	0.75	0.42	0.80	0.47
CYR61	rs2297140	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs2073525	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs4627097	A/G	CDS	Y	0	0	-	-	-	-	-	-	-
FRAP1	rs12122575	C/T	IVS	Y	92	90	0.10	0.06	0.90	-	-	-	-
	rs17036508	C/T	3'UTR	Y	100	100	0.12	0.10	0.34	0.14	0.08	0.17	0.09
	rs28990992	C/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs2295079	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-
GAK	rs2295080	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1134921	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs2306242	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs2306248	G/A	IVS	N	-	-	-	-	-	-	-	-	-
HDAC1	rs1741981	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
HK2	rs2229629	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs608112	G/A	Promoter	Y	100	100	0.24	0.29	0.83	0.04	0.06	0.06	0.02

	rs619850	T/C	Promoter	Y	100	100	0.31	0.36	0.06	0.01	0.15	0.00	0.01
	rs2229621	A/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs3732299	A/T	CDS	N	-	-	-	-	-	-	-	-	-
LRDD	rs10902221	C/T	CDS	N	-	-	-	-	-	-	-	-	-
MDM4	rs3789052	A/G	IVS	Y	100	100	0.35	0.36	0.35	0.24	0.48	0.23	0.60
	rs4245739	A/C	3'UTR	N	-	-	-	-	-	-	-	-	-
MYOD1	rs3911833	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
NFI	None	-	-	-	-	-	-	-	-	-	-	-	-
P53AIP1	rs35942033	C/T	CDS	Y	98	98	0.01	0.00	0.98	-	-	-	-
	rs3806786	C/T	Promoter	Y	100	100	0.40	0.35	0.55	0.10	0.06	0.10	0.03
	rs3806787	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3740834	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
PCAF	rs17006625	A/G	CDS	Y	100	100	0.17	0.19	0.18	0.39	0.33	0.31	0.24
PHB	rs2233659	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
PLAGL1	rs2076684	G/C	IVS	N	-	-	-	-	-	-	-	-	-
PMP22	rs13422	A/C	3'UTR	Y	100	100	0.34	0.32	0.26	0.22	0.70	0.12	0.33
	rs231017	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
PPM1D	rs16944534	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
PPP1R13B	None	-	-	-	-	-	-	-	-	-	-	-	-
PPP1R13L	rs10412761	A/G	Promoter	Y	99	99	0.24	0.24	0.60	0.92	0.71	0.86	1.00
	rs1005165	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs11882644	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
PRKCA	rs3764402	A/G	Promoter	Y	97	99	0.08	0.06	0.88	0.33	0.14	0.99	0.16
PRKCQ	rs2236379	G/A	CDS	N	-	-	-	-	-	-	-	-	-
RELA	rs12721575	T/C/A	CDS	N	-	-	-	-	-	-	-	-	-
RPRM	rs2033764	A/G	Promoter	Y	95	98	0.30	0.29	0.35	0.21	0.43	0.15	0.41
SCGB3A1	rs307802	T/C	Promoter	Y	98	98	0.29	0.30	0.49	0.0004	0.24	0.002	0.73
SESN2	rs2274848	C/T	CDS	Y	100	100	0.10	0.09	0.45	0.47	0.51	0.25	0.22
	rs580800	C/T	Promoter	Y	99	100	0.10	0.10	0.82	0.57	0.29	0.56	0.44
SESN3	rs11021065	G/T	IVS	Y	100	100	0.22	0.22	0.33	0.71	0.96	0.44	0.74
SHC1	rs8191981	C/T	CDS	Y	98	98	0.09	0.08	0.78	0.43	0.28	0.69	0.33
SIRT1	rs12778366	C/T	Promoter	Y	100	100	0.11	0.11	0.16	0.94	0.95	0.72	0.74
	rs35706870	A/C	Promoter	Y	98	94	0.00	0.00	-	-	-	-	-
	rs36107781	C/T	IVS	Y	100	100	0.00	0.00	-	-	-	-	-
	rs3740051	A/G	Promoter	Y	100	99	0.27	0.31	0.62	0.08	0.05	0.08	0.02
	rs3758391	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2394443	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3740053	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs932658	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
SMARCB1	rs11090285	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs2073387	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
SNCA	rs2301134	C/T	Promoter	Y	100	100	0.10	0.09	0.13	0.51	0.19	0.93	0.23

	rs5355	C/T	CDS	Y	100	100	0.06	0.05	0.72	0.49	0.41	0.33	0.33
	rs5368	C/T	CDS	Y	100	100	0.21	0.21	0.40	0.99	0.91	0.88	0.88
SELPLG	rs3917390	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2228315	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs7311687	A/C	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs8179106	C/T	Promoter	Y	100	99	0.14	0.15	0.44	0.25	0.47	0.29	0.47
	rs8179107	A/G	Promoter	Y	100	100	0.05	0.05	0.80	-	-	-	-
	rs7137098	A/T	IVS	N	-	-	-	-	-	-	-	-	-
	rs7306237	A/C	IVS	N	-	-	-	-	-	-	-	-	-
	rs8179139	T/C	IVS	N	-	-	-	-	-	-	-	-	-
	rs8179140	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs8179141	G/A	IVS	N	-	-	-	-	-	-	-	-	-
SEMA4B	rs3751655	T/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs4932305	A/G	CDS	N	-	-	-	-	-	-	-	-	-
SH3GL3	rs2585055	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs17158811	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs2201101	G/T	IVS	N	-	-	-	-	-	-	-	-	-
	rs2730096	C/G	IVS	N	-	-	-	-	-	-	-	-	-
STRA6	rs736118	C/T	CDS	Y	99	100	0.34	0.35	0.42	0.64	0.55	0.73	0.80
TANK	rs3769969	C/T	CDS	Y	98	98	0.04	0.04	0.34	-	-	-	-
	rs979415	A/G	Promoter	Y	100	100	0.20	0.20	0.45	0.95	0.88	0.88	0.85
TBC1D2B	rs4886992	C/T	IVS	N	-	-	-	-	-	-	-	-	-
TCF7	rs30489	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs173424	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
TFRC	rs17091585	G/T	IVS	Y	98	99	0.08	0.07	0.96	0.42	0.22	0.98	0.25
	rs35587059	C/T	IVS	Y	97	96	0.21	0.18	0.45	0.25	0.47	0.12	0.12
	rs17091657	C/G	Promoter	Y	100	100	0.08	0.07	0.68	0.54	0.35	0.67	0.33
	rs3817672	A/G	CDS	Y	100	100	0.19	0.17	0.49	0.33	0.74	0.14	0.16
	rs11915082	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs17091582	C/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs3827554	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3827555	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
TMEPAI	rs911157	C/T	5'UTR	Y	90	89	0.06	0.07	0.83	-	-	-	-
	rs2273534	C/T	IVS	N	-	-	-	-	-	-	-	-	-
TP53I3	rs33972312	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
TRIM25	rs205498	G/A	CDS	N	-	-	-	-	-	-	-	-	-
UBA1	rs11558783	A/G	CDS	N	-	-	-	-	-	-	-	-	-
VCAM1	rs1041163	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
WISP1	None	-	-	-	-	-	-	-	-	-	-	-	-
WISP2	None	-	-	-	-	-	-	-	-	-	-	-	-
WISP3	rs1230345	T/G	CDS	N	-	-	-	-	-	-	-	-	-
WNT1	rs4760662	C/T	Promoter	Y	95	94	0.49	0.50	0.97	-	-	-	-

Stem Cell
(n=142)

WNT2	rs39315	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
WSB1	rs9303634	C/T	CDS	Y	100	100	0.25	0.24	0.77	0.46	0.61	0.35	0.57	
ZNF592	rs2115629	C/A	IVS	N	-	-	-	-	-	-	-	-	-	-
ABCG2	rs1564481	C/T	IVS	Y	100	100	0.40	0.37	0.63	0.35	0.20	0.27	0.14	
	rs2231138	A/G	IVS	Y	100	100	0.10	0.10	0.45	0.23	0.54	0.13	0.88	
	rs2231142	A/C	CDS	Y	99	99	0.25	0.28	0.58	0.40	0.83	0.22	0.28	
	rs2231137	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
ACTC1	rs16959824	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs525720	A/G	Promoter	Y	98	98	0.12	0.11	0.58	0.82	0.73	0.61	0.58	
ADAM17	rs12692386	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
ADAR	rs2229857	A/G	CDS	Y	100	100	0.29	0.27	0.70	0.35	0.16	0.40	0.21	
	rs3738031	C/T	IVS	Y	100	100	0.10	0.09	0.75	0.65	0.44	0.77	0.51	
	rs28411375	C/T	Promoter	Y	100	100	0.16	0.14	1.00	0.29	0.22	0.18	0.12	
	rs7533471	A/G	Promoter	Y	95	99	0.16	0.14	0.96	-	-	-	-	-
	rs884617	C/T	Promoter	Y	0	0	-	-	-	-	-	-	-	-
	rs884618	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs3738030	C/A	IVS	N	-	-	-	-	-	-	-	-	-	-
AFP	rs12651581	C/T	Promoter	Y	100	100	0.13	0.15	0.32	0.25	0.94	0.12	0.16	
	rs4024	A/G	Promoter	Y	98	99	0.44	0.44	0.11	0.28	0.48	0.33	0.94	
	rs4446279	C/G	Promoter	Y	100	100	0.28	0.27	0.61	0.48	0.25	0.67	0.45	
ALDH1A1	rs348445	C/T	Promoter	Y	100	100	0.05	0.05	0.11	-	-	-	-	-
ALDH2	rs671	A/G	CDS	Y	100	100	0.16	0.17	0.20	0.49	0.23	0.39	0.27	
	rs886205	C/T	5'UTR	Y	97	96	0.17	0.17	0.87	0.98	0.85	0.87	0.83	
ALPI	rs3762519	C/T	5'UTR	Y	100	99	0.09	0.08	0.16	0.14	0.45	0.15	0.31	
	rs6721457	C/G	Promoter	Y	91	95	0.06	0.08	0.30	-	-	-	-	-
ALPL	rs3200254	C/T	IVS	Y	100	100	0.50	0.50	0.35	0.83	0.82	0.62	0.87	
	rs1697405	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs950922	C/T	IVS	Y	85	89	0.45	0.45	0.73	-	-	-	-	-
	rs34605986	C/T	CDS	Y	98	98	0.00	0.00	-	-	-	-	-	-
	rs3738099	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
ALPP	rs13026692	A/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs1048994	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2853378	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs3762524	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3762526	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1130335	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
ALPPL2	rs1048999	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs17416141	C/A	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs1048983	G/C	CDS	N	-	-	-	-	-	-	-	-	-	-
APC	rs1804197	A/C	3'UTR	Y	100	100	0.11	0.09	0.50	0.13	0.05	0.57	0.29	
	rs2464810	C/T	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-	-
	rs459552	A/T	CDS	Y	100	100	0.09	0.08	0.22	0.77	0.59	0.84	0.90	

APH1A	rs2275780	G/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs3754048	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
APH1B	rs1047552	G/T	CDS	Y	98	99	0.20	0.21	0.78	0.50	0.17	0.78	0.48	
	rs3784671	G/T	Promoter	Y	100	100	0.24	0.24	0.03	-	-	-	-	
ASCL2	rs3784672	A/C	Promoter	Y	100	100	0.11	0.11	0.16	0.07	0.11	0.62	0.97	
	rs11022026	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs968528	T/A	5'UTR	N	-	-	-	-	-	-	-	-	-	
AXIN1	None	-	-	-	-	-	-	-	-	-	-	-	-	
BAMBI	rs3758362	C/G	Promoter	Y	100	100	0.08	0.10	0.97	0.40	0.31	0.26	0.20	
	rs3758365	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs610820	A/T	Promoter	N	-	-	-	-	-	-	-	-	-	
BMP2K	rs2288255	C/T	CDS	Y	100	100	0.23	0.23	0.75	0.92	0.94	0.66	0.83	
BMP8A	rs2230007	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs6525	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs2230006	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
BMPER	rs4723342	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
BMPR2	None	-	-	-	-	-	-	-	-	-	-	-	-	
BTRC	rs10883617	C/T	Promoter	Y	100	100	0.14	0.16	0.21	0.39	0.75	0.20	0.29	
	rs6584429	C/G	IVS	Y	83	90	0.37	0.40	0.31	-	-	-	-	
CD3D	rs3181259	C/T	Promoter	Y	100	100	0.42	0.46	0.04	-	-	-	-	
	rs7947185	T/C	Promoter	Y	100	100	0.21	0.16	0.46	0.001	0.01	0.002	0.001	
CD3E	rs2231439	A/G	Promoter	Y	100	100	0.30	0.26	0.19	0.04	0.04	0.02	0.01	
	rs2231440	A/G	Promoter	Y	94	95	0.21	0.22	0.50	-	-	-	-	
	rs3825051	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2231449	C/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
CD4	rs11064391	A/C	Promoter	Y	91	91	0.39	0.34	0.00	-	-	-	-	
	rs2855534	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs28919570	C/T	CDS	N	-	-	-	-	-	-	-	-	-	
	rs28989521	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs16932921	T/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs17516063	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2515733	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2269354	A/G	IVS	N	-	-	-	-	-	-	-	-	-	
	rs2857226	C/T	IVS	N	-	-	-	-	-	-	-	-	-	
CD8A	rs6743139	A/G	Promoter	Y	100	100	0.12	0.11	0.36	0.78	0.70	0.66	0.62	
CD8B	rs4072106	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4514875	C/T	IVS	N	-	-	-	-	-	-	-	-	-	
	rs4971889	A/T	Promoter	N	-	-	-	-	-	-	-	-	-	
CD19	rs2904880	C/G	CDS	Y	97	96	0.11	0.09	0.91	0.36	0.67	0.17	0.17	
CD247	rs16859125	A/T	Promoter	Y	0	0	-	-	-	-	-	-	-	
	rs2984800	C/T	Promoter	Y	99	100	0.13	0.13	0.49	0.60	0.85	0.39	0.95	
	rs3820390	C/T	Promoter	Y	100	100	0.11	0.13	0.79	0.45	0.22	0.74	0.24	

HDAC9	None	-	-	-	-	-	-	-	-	-	-	-	-	-
HES5	rs2494603	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
HNF4A	rs1800963	A/C	Promoter	Y	87	88	0.30	0.30	0.01	-	-	-	-	-
HSPA9	rs35091799	C/G	CDS	Y	94	96	0.02	0.00	0.97	-	-	-	-	-
IHH	rs437512	A/G	Promoter	Y	100	100	0.47	0.46	0.76	0.86	0.85	0.67	0.71	-
KITLG	rs869408	A/T	Promoter	Y	82	81	0.22	0.23	0.00	-	-	-	-	-
	rs12721563	T/C/A	CDS	N	-	-	-	-	-	-	-	-	-	-
LIFR	rs2071233	C/T	Promoter	Y	100	100	0.15	0.15	0.84	0.86	0.97	0.78	0.79	-
	rs2071236	C/T	Promoter	Y	100	100	0.33	0.37	0.49	0.22	0.23	0.10	0.10	-
	rs2071237	C/G	Promoter	Y	96	95	0.42	0.39	0.06	0.34	0.29	0.34	0.22	-
	rs3729740	A/G	CDS	Y	100	100	0.23	0.22	0.03	-	-	-	-	-
LIN28	rs4659441	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
MAML1	None	-	-	-	-	-	-	-	-	-	-	-	-	-
MAML2	rs12791333	C/T	Promoter	Y	100	100	0.34	0.32	0.96	0.61	0.34	0.50	0.30	-
	rs11021542	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
MAP3K7	rs282071	C/T	Promoter	Y	99	99	0.43	0.42	0.60	0.90	0.70	0.81	0.69	-
MAP3K7IP1	rs35515473	A/G	Promoter	Y	95	97	0.00	0.00	-	-	-	-	-	-
	rs4821892	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
MEF2A	None	-	-	-	-	-	-	-	-	-	-	-	-	-
MFNG	rs2071839	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
MS4A1	rs11230333	G/A	Promoter	Y	99	99	0.17	0.21	0.07	0.004	0.001	0.48	0.003	-
	rs4939362	A/G	Promoter	Y	100	100	0.35	0.36	0.28	0.95	0.77	0.98	0.84	-
MSX1	rs8670	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
MYF5	rs3759084	G/T	Promoter	Y	100	100	0.23	0.27	0.19	0.08	0.45	0.03	0.04	-
	rs1163261	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
MYF6	rs7312846	C/T	Promoter	Y	100	100	0.05	0.05	0.07	1.00	0.90	0.91	0.89	-
MYST3	rs7006698	A/T	5'UTR	Y	89	89	0.32	0.34	0.09	-	-	-	-	-
NANOG	rs3812816	C/G	Promoter	Y	99	97	0.08	0.07	0.06	0.14	0.97	0.98	0.74	-
NCOR2	rs872224	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2227277	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2229840	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
NCSTN	rs1324738	A/G	Promoter	Y	98	99	0.08	0.10	0.80	0.50	0.55	0.25	0.23	-
	rs2147471	G/T	Promoter	Y	98	97	0.37	0.35	0.26	0.26	0.93	0.14	0.43	-
	rs3737794	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
NES	rs2886443	A/G	CDS	Y	91	91	0.22	0.21	0.14	-	-	-	-	-
	rs3748570	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
NLK	rs34690763	C/T	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-	-
NOTCH1	rs11574885	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
NOTCH2	rs864447	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-	-
NOTCH3	rs1044009	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs35769976	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
NUMB	rs11625196	C/G	3'UTR	Y	100	100	0.30	0.32	0.58	0.18	0.06	0.88	0.13	-

NUMBL	rs2241596	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
OC90	rs7386782	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs7386783	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
OPRS1	rs1800866	T/G	CDS	N	-	-	-	-	-	-	-	-	-	-
PARD6B	rs231583	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs6020721	G/T	3'UTR	Y	99	99	0.36	0.32	0.68	0.14	0.07	0.32	0.07	
PDGFRA	rs1800812	G/T	Promoter	Y	100	100	0.15	0.15	0.31	0.01	0.60	0.01	0.63	
	rs2303429	C/T	IVS	Y	100	100	0.10	0.09	0.72	0.71	0.45	0.62	0.41	
	rs35597368	C/T	CDS	Y	97	99	0.14	0.13	0.59	0.08	0.03	0.86	0.40	
	rs6554162	G/A	Promoter	Y	97	97	0.25	0.26	0.30	0.01	0.17	0.03	0.86	
PIWIL2	rs4871990	C/T	Promoter	Y	99	98	0.16	0.16	0.90	0.67	0.34	0.84	0.90	
PPARD	rs2016520	G/A	IVS	N	-	-	-	-	-	-	-	-	-	
PRKCI	rs1082976	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
PROM1	rs4698134	A/G	Promoter	Y	100	100	0.21	0.22	0.31	0.60	0.46	0.63	0.65	
PROX1	rs340872	A/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs340873	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
PSEN2	rs1295645	C/T	5'UTR	Y	100	99	0.26	0.22	0.22	0.15	0.06	0.40	0.06	
	rs3177404	C/T	5'UTR	Y	100	100	0.06	0.05	0.87	0.99	0.87	0.96	0.86	
PSENE1	rs3761087	G/A	IVS	N	-	-	-	-	-	-	-	-	-	
	rs2293687	C/A	IVS	N	-	-	-	-	-	-	-	-	-	
PTCRA	rs36111725	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs9471958	C/T	Promoter	Y	98	96	0.03	0.03	0.43	-	-	-	-	
PTPRC	rs2274366	C/T	5'UTR	Y	99	99	0.16	0.16	0.72	0.95	0.66	0.91	0.73	
	rs3754094	C/T	Promoter	Y	96	97	0.17	0.15	0.18	0.33	0.21	0.31	0.21	
	rs4915154	A/G	CDS	Y	100	100	0.21	0.22	0.47	0.84	0.60	0.63	0.54	
RAC1	rs6967221	A/G	IVS	Y	97	98	0.08	0.08	0.22	0.59	0.32	0.95	0.86	
	rs35530051	G/T	IVS	Y	99	99	0.02	0.02	0.26	-	-	-	-	
	rs3729793	C/G	IVS	Y	99	97	0.02	0.02	0.23	-	-	-	-	
	rs6950333	A/G	IVS	Y	100	99	0.07	0.07	0.12	0.60	0.84	0.31	0.68	
	rs2303366	A/C	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs34932801	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	
RHOA	rs836479	C/A	IVS	N	-	-	-	-	-	-	-	-	-	
	rs836480	A/C	IVS	N	-	-	-	-	-	-	-	-	-	
	rs6779524	C/T	Promoter	Y	87	83	0.09	0.08	0.29	-	-	-	-	
	rs6784820	A/G	Promoter	Y	83	83	0.00	0.00	-	-	-	-	-	
RHOB	None	-	-	-	-	-	-	-	-	-	-	-		
RHOC	rs11102522	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
S100B	rs2839364	C/T	Promoter	Y	98	99	0.12	0.10	0.39	0.13	0.09	0.31	0.07	
	rs2186358	A/C	IVS	Y	100	100	0.14	0.10	0.48	0.02	0.02	0.24	0.01	
	rs2839365	C/G	Promoter	Y	100	100	0.29	0.26	0.43	0.29	0.21	0.21	0.13	
	rs9722	C/T	3'UTR	Y	100	100	0.34	0.37	0.23	0.26	0.09	0.46	0.11	
SHH	rs872723	C/T	Promoter	Y	100	100	0.06	0.07	0.67	0.36	0.72	0.98	0.60	

		rs1882041	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
		rs9333594	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	SLC2A1	None	-	-	-	-	-	-	-	-	-	-	-	-
		rs11537640	T/G	5'UTR	N	-	-	-	-	-	-	-	-	-
	SNAI1	rs4647958	C/T	CDS	Y	99	99	0.11	0.11	0.19	0.68	0.52	0.63	0.79
		rs4647954	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs4647955	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-
	SNW1	rs11622449	G/T	Promoter	Y	100	100	0.07	0.07	0.26	0.99	0.99	0.88	0.88
	STAU1	rs348291	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
		rs348290	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	STAU2	rs949493	C/T	CDS	Y	100	100	0.03	0.03	0.70	-	-	-	-
	T	rs2305089	C/T	CDS	Y	96	97	0.33	0.33	0.21	1.00	0.87	0.86	0.83
		rs3099266	T/C	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs3816300	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	THY1	rs1054735	C/G	3'UTR	N	-	-	-	-	-	-	-	-	-
		rs11574653	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	TLE1	rs3814535	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
	TUBB3	rs1135425	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-
	UTF1	rs11599284	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	WIF1	None	-	-	-	-	-	-	-	-	-	-	-	-
Tumor Metastasis	BRMS1	rs1052566	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
(n=42)	CDH19	rs3813075	G/T	Promoter	Y	99	100	0.33	0.35	0.51	0.69	0.65	0.44	0.43
		rs3813076	A/C	Promoter	Y	99	99	0.34	0.35	0.43	0.77	0.56	0.70	0.53
		rs487514	A/T	Promoter	Y	0	0	-	-	-	-	-	-	-
		rs1539831	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	CHD4	rs2267968	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
		rs1734116	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-
		rs35512811	G/A	CDS	N	-	-	-	-	-	-	-	-	-
		rs1639122	A/C	CDS	N	-	-	-	-	-	-	-	-	-
	COL4A2	rs3803230	C/G	CDS	Y	100	100	0.10	0.10	0.89	0.96	0.91	0.75	0.85
		rs7990383	A/G	CDS	Y	99	98	0.19	0.21	0.39	0.33	0.16	0.30	0.18
	CST7	rs227653	A/G	CDS	Y	100	100	0.08	0.09	0.75	0.64	0.98	0.32	0.36
	CTSL1	rs3118869	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	DCC	rs2229080	C/G	CDS	Y	99	99	0.40	0.43	0.25	0.40	0.18	0.39	0.19
		rs2278339	A/C	CDS	Y	100	100	0.03	0.04	0.99	-	-	-	-
		rs17753970	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	EPHB2	None	-	-	-	-	-	-	-	-	-	-	-	-
	ETV4	rs3765174	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	ETV6	None	-	-	-	-	-	-	-	-	-	-	-	-
	FAT	rs28647489	A/G	CDS	Y	100	100	0.34	0.34	0.13	0.53	0.76	0.30	0.78
		rs328418	A/G	CDS	Y	93	95	0.28	0.28	0.78	-	-	-	-
		rs3733413	C/T	CDS	Y	98	99	0.12	0.11	0.97	0.18	0.07	0.56	0.12

MMP13	rs3819089	A/G	IVS	Y	100	99	0.26	0.28	0.53	0.32	0.85	0.11	0.18
	rs597315	T/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2252070	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs562736	T/A	Promoter	N	-	-	-	-	-	-	-	-	-
MYCL1	rs7548524	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
NF2	rs1800538	C/G	Promoter	Y	98	97	0.19	0.21	0.78	0.38	0.55	0.20	0.20
	rs1800539	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs3181682	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-
NME2	rs1062386	A/T	IVS	N	-	-	-	-	-	-	-	-	-
NR4A3	rs1526267	C/A	IVS	N	-	-	-	-	-	-	-	-	-
PTHLH	rs27633	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs6246	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs26303	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
PTP4A3	rs7388002	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
RECK	rs16932912	G/A	CDS	Y	100	100	0.26	0.30	0.19	0.0003	0.33	0.0003	0.02
	rs7857647	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
RORB	None	-	-	-	-	-	-	-	-	-	-	-	-
RPSA	rs1472508	A/G	Promoter	Y	98	100	0.32	0.30	0.00	-	-	-	-
	rs7623381	A/G	Promoter	Y	100	100	0.26	0.24	0.06	0.06	0.68	0.04	0.63
	rs3772146	T/C	5'UTR	N	-	-	-	-	-	-	-	-	-
SMAD2	rs4940109	A/G	Promoter	Y	96	95	0.18	0.15	0.87	0.18	0.08	0.41	0.08
SSTR2	rs2881097	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs34901075	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1466113	G/C	IVS	N	-	-	-	-	-	-	-	-	-
	rs998571	G/A	IVS	N	-	-	-	-	-	-	-	-	-
TCF20	rs34030679	C/T	CDS	Y	100	100	0.02	0.02	0.61	-	-	-	-
	rs5758651	C/T	CDS	Y	99	99	0.28	0.27	0.34	0.78	0.46	0.93	0.81
	rs5758652	C/T	Promoter	Y	100	100	0.28	0.27	0.42	0.70	0.39	0.89	0.81
TIAM1	rs9977815	A/G	5'UTR	Y	98	99	0.33	0.33	0.57	0.98	0.77	0.94	0.86
	rs2070417	A/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs2070418	C/T	CDS	N	-	-	-	-	-	-	-	-	-
TIAM2	rs1571767	A/T	CDS	Y	100	100	0.08	0.09	0.45	0.54	0.45	0.44	0.57
	rs931312	C/T	CDS	Y	100	100	0.32	0.33	0.42	0.13	0.85	0.09	0.52
	rs9384283	A/C	Promoter	Y	100	100	0.29	0.27	0.43	0.50	0.32	0.32	0.23
TIMP4	rs17035957	C/T	Promoter	Y	100	99	0.14	0.15	0.24	0.56	0.39	0.44	0.36
	rs3755724	C/T	Promoter	Y	88	93	0.44	0.42	0.95	-	-	-	-
TMPRSS4	rs12270001	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs17525348	C/T	Promoter	Y	100	100	0.11	0.11	0.91	0.91	0.68	0.90	0.73
	rs1786189	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
TPBG	rs770911	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs4590314	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
TRPM1	rs11070811	C/T	Promoter	Y	98	95	0.11	0.11	0.84	-	-	-	-

ABHD10	rs703271	C/G	Promoter	Y	100	100	0.29	0.28	0.89	0.30	0.21	0.85	0.35
	rs9833906	C/T	Promoter	Y	100	100	0.10	0.11	0.60	0.42	0.42	0.43	0.60
ABHD11	None	-	-	-	-	-	-	-	-	-	-	-	-
ABHD2	rs293370	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
ABHD6	rs7640259	C/T	Promoter	Y	100	100	0.28	0.29	0.87	0.90	0.79	0.75	0.73
ABHD7	rs6696267	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
ACAA1	rs156265	C/G	CDS	Y	99	100	0.31	0.30	0.13	0.29	0.20	0.60	0.45
ACAA2	rs11549285	A/G	CDS	Y	100	100	0.15	0.15	0.76	0.78	0.96	0.51	0.88
	rs9967237	T/A	Promoter	N	-	-	-	-	-	-	-	-	-
ACOT7	rs7512532	C/G	Promoter	Y	96	95	0.21	0.20	0.80	0.52	0.42	0.60	0.85
ACOT9	rs12690087	C/T	Promoter	Y	100	100	0.25	0.21	0.00	-	-	-	-
	rs3764881	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
ACOX1	rs3744032	C/T	CDS	Y	100	100	0.11	0.14	0.77	0.09	0.07	0.14	0.04
	rs1135640	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs1137582	C/G	CDS	N	-	-	-	-	-	-	-	-	-
ACOX2	None	-	-	-	-	-	-	-	-	-	-	-	
ACOXL	rs1554005	C/T	CDS	Y	100	100	0.15	0.16	0.78	0.36	0.39	0.15	0.23
	rs17041850	C/T	CDS	Y	100	100	0.31	0.28	0.20	0.06	0.34	0.01	0.06
	rs3761712	G/A	IVS	N	-	-	-	-	-	-	-	-	-
ADPRH	rs12494451	A/G	Promoter	Y	100	100	0.21	0.22	0.57	0.85	0.81	0.80	0.90
ADPRHL1	None	-	-	-	-	-	-	-	-	-	-	-	
ADPRHL2	rs2236387	C/T	CDS	Y	97	99	0.38	0.39	0.83	0.78	0.64	0.81	0.84
AFAR3	rs12046875	G/T	5'UTR	Y	99	100	0.15	0.15	0.35	0.90	0.91	0.84	0.97
AGMAT	rs11580170	C/T	CDS	Y	99	99	0.07	0.07	0.89	0.79	0.63	0.69	0.59
	rs6429757	C/G	CDS	Y	100	100	0.41	0.43	0.83	0.62	0.96	0.45	0.63
AGPAT1	rs17133205	A/G	IVS	N	-	-	-	-	-	-	-	-	-
AGPAT3	rs999519	C/G	IVS	N	-	-	-	-	-	-	-	-	-
AGPAT4	rs6906489	C/T	IVS	Y	100	100	0.05	0.05	0.56	0.49	0.31	0.52	0.67
AGPAT5	rs1834450	C/T	Promoter	Y	100	100	0.05	0.05	0.60	0.98	1.00	0.83	0.83
AGPAT6	rs3802313	C/T	IVS	Y	100	100	0.09	0.08	0.83	0.72	0.49	0.75	0.48
	rs11996670	C/T	IVS	Y	100	100	0.46	0.44	0.78	0.15	0.06	0.91	0.23
	rs999188	T/G	5'UTR	N	-	-	-	-	-	-	-	-	-
AKR1CL1	rs1781931	A/G	3'UTR	Y	98	99	0.23	0.22	0.39	0.29	0.26	0.46	0.51
	rs1781935	C/G	3'UTR	Y	98	93	0.11	0.11	0.56	-	-	-	-
AKR1CL2	None	-	-	-	-	-	-	-	-	-	-	-	
AKR1D1	rs1872929	A/C	IVS	Y	100	100	0.26	0.24	0.51	0.38	0.83	0.18	0.24
	rs1872930	C/T	3'UTR	Y	100	100	0.26	0.24	0.53	0.40	0.83	0.19	0.26
	rs3807332	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
AKR7A3	rs1738025	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs1738023	T/C	CDS	N	-	-	-	-	-	-	-	-	-
ALDH16A1	rs1055637	A/G	3'UTR	Y	99	99	0.25	0.27	0.64	0.58	0.28	0.48	0.25
	rs2293011	A/C	Promoter	Y	100	100	0.35	0.37	0.79	0.60	0.43	0.31	0.26

ALDH1L1	rs4646740	C/G	IVS	Y	100	100	0.19	0.18	0.29	0.66	0.85	0.32	0.36
	rs9825571	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs2276724	A/G	CDS	N	-	-	-	-	-	-	-	-	-
ALOX5AP	rs3809376	A/C	Promoter	Y	99	100	0.13	0.13	0.06	0.80	0.89	0.52	0.61
ALOXE3	None	-	-	-	-	-	-	-	-	-	-	-	-
AMDHD1	rs10745740	G/T	Promoter	Y	98	98	0.09	0.09	0.27	0.99	0.76	0.78	0.74
	rs10859990	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs10859991	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
AMT	None	-	-	-	-	-	-	-	-	-	-	-	
AOAH	rs3735384	A/G	CDS	Y	83	81	0.06	0.06	0.14	-	-	-	-
	rs3735386	C/G	CDS	Y	100	100	0.05	0.06	0.04	-	-	-	-
	rs7796305	T/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs11976480	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs3807607	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3807608	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
AOX1	rs3731722	C/T	CDS	Y	100	100	0.08	0.08	0.37	0.52	0.28	0.67	0.53
	rs868810	G/A	IVS	N	-	-	-	-	-	-	-	-	-
ARD1A	rs2071128	A/G	3'UTR	Y	97	98	0.38	0.40	0.00	-	-	-	-
AS3MT	rs12416687	C/T	Promoter	Y	100	100	0.09	0.09	0.57	0.80	0.54	0.76	0.88
	rs7098825	C/T	Promoter	Y	100	100	0.29	0.28	0.80	0.96	0.96	0.89	0.90
ASAH2	rs1898198	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs10825492	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2196463	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
AS AHL	rs4859571	C/T	CDS	Y	100	100	0.33	0.36	0.81	0.42	0.21	0.42	0.19
	rs6823734	G/A	IVS	N	-	-	-	-	-	-	-	-	-
ASAH3L	rs10964136	C/T	CDS	Y	100	100	0.14	0.16	0.91	0.30	0.17	0.89	0.25
	rs9298800	C/T	Promoter	Y	100	99	0.18	0.18	0.61	0.96	0.76	0.78	0.74
ASPHD1	rs7498372	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
ASPHD2	None	-	-	-	-	-	-	-	-	-	-	-	-
AYTL1	rs9922534	C/T	Promoter	Y	99	99	0.38	0.36	0.55	0.31	0.15	0.72	0.22
	rs837550	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs17302903	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-
AYTL2	None	-	-	-	-	-	-	-	-	-	-	-	
BBOX1	rs11029795	A/G	Promoter	Y	100	100	0.08	0.07	0.24	0.65	0.53	0.52	0.47
	rs979894	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
BCDO2	rs10431036	A/G	Promoter	Y	100	100	0.38	0.38	0.93	1.00	0.96	0.98	0.97
	rs7123686	A/C	IVS	N	-	-	-	-	-	-	-	-	-
BCMO1	rs11646692	C/G	Promoter	Y	100	100	0.34	0.34	0.65	0.38	0.46	0.40	0.89
	rs12934922	A/T	CDS	Y	99	100	0.10	0.14	0.67	0.04	0.02	0.18	0.02
	rs7501331	C/T	CDS	Y	100	100	0.11	0.12	0.33	0.92	0.60	0.84	0.60
BDH2	rs1054707	A/G	CDS	Y	100	100	0.09	0.10	0.40	0.14	0.18	0.16	0.39
	rs11734396	A/G	Promoter	Y	98	99	0.19	0.19	0.53	0.94	0.91	0.62	0.65

	rs2302311	A/T	CDS	Y	100	100	0.04	0.03	0.12	-	-	-	-
	rs11079339	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs12602891	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
FA2H	None	-	-	-	-	-	-	-	-	-	-	-	-
FAAH	rs324420	A/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs913168	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
FAH	rs16971784	A/G	IVS	Y	100	100	0.18	0.20	0.89	0.22	0.16	0.19	0.11
	rs3752693	C/T	IVS	Y	97	100	0.18	0.16	0.88	0.41	0.20	0.90	0.25
	rs1370275	C/T	IVS	Y	100	100	0.27	0.24	0.88	0.30	0.78	0.17	0.22
	rs1370277	A/T	IVS	Y	100	100	0.34	0.36	0.32	0.34	0.13	0.62	0.27
	rs7180031	A/G	IVS	Y	100	100	0.33	0.32	0.05	0.93	0.84	0.81	0.79
	rs12591114	C/T	IVS	Y	100	100	0.41	0.44	0.35	0.17	0.42	0.11	0.15
	rs1049194	C/T	3'UTR	Y	100	100	0.14	0.12	0.25	0.26	0.75	0.13	0.21
	rs7164048	A/C	IVS	Y	100	100	0.02	0.03	0.74	-	-	-	-
	rs12593746	C/T	IVS	N	-	-	-	-	-	-	-	-	-
FAHD1	rs3743853	G/A	CDS	N	-	-	-	-	-	-	-	-	-
FAHD2B	rs1257084	A/G	IVS	Y	100	100	0.28	0.27	0.54	0.83	0.95	0.68	0.77
FMOD	rs10920615	A/G	IVS	Y	100	100	0.27	0.30	0.67	0.33	0.26	0.13	0.09
	rs4971252	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
FOXRED1	rs7130615	A/G	Promoter	Y	98	94	0.13	0.15	0.84	-	-	-	-
FOXRED2	rs2277841	C/T	CDS	N	-	-	-	-	-	-	-	-	-
GCH1	rs841	C/T	IVS	Y	99	100	0.39	0.38	0.53	0.86	0.90	0.58	0.71
GFPT2	rs2303007	C/T	CDS	N	-	-	-	-	-	-	-	-	-
GLYAT	rs10896818	A/T	CDS	Y	94	94	0.24	0.22	0.44	-	-	-	-
	rs675815	C/T	CDS	Y	100	100	0.21	0.20	0.96	0.69	0.32	0.90	0.42
	rs675423	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-
GLYATL1	rs7120597	A/C	Promoter	Y	100	100	0.35	0.33	0.49	0.47	0.21	0.79	0.29
GLYATL2	rs10896855	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs11229651	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs11229660	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs4939229	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
GMPR	rs1042391	A/T	CDS	Y	99	99	0.12	0.11	0.62	0.75	0.42	0.58	0.38
GMPR2	rs3814815	T/G	IVS	N	-	-	-	-	-	-	-	-	-
GNPAT	rs11558492	C/T	CDS	Y	96	98	0.11	0.11	0.01	-	-	-	-
	rs2274067	C/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs518686	A/G	5'UTR	Y	100	98	0.45	0.42	0.53	0.23	0.60	0.09	0.20
GPAM	rs11195836	A/G	Promoter	Y	100	100	0.21	0.19	0.12	0.23	0.33	0.11	0.17
	rs2001808	C/T	Promoter	Y	100	100	0.08	0.11	0.95	0.09	0.02	0.97	0.03
	rs2297991	C/T	3'UTR	Y	100	99	0.32	0.32	0.60	0.73	1.00	0.39	0.69
GPT	rs1063739	A/C	CDS	N	-	-	-	-	-	-	-	-	-
GPX5	rs769189	C/T	IVS	N	-	-	-	-	-	-	-	-	-
GPX6	rs11757000	C/T	Promoter	Y	100	100	0.03	0.05	0.73	-	-	-	-

	rs406113	A/C	CDS	Y	100	99	0.49	0.49	0.80	0.91	0.72	0.64	0.61
GRHPR	rs7857159	A/G	Promoter	Y	98	98	0.15	0.16	0.66	0.25	0.08	0.97	0.64
GSR	rs1002149	G/T	Promoter	Y	100	100	0.16	0.17	0.71	0.71	0.63	0.62	0.80
	rs8190955	C/T	CDS	Y	100	100	0.06	0.06	0.89	0.84	0.74	0.74	0.71
HAAO	rs1065643	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2304657	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2304661	G/T	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs3816182	A/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs3816183	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs6724265	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
HAGHL	None	-	-	-	-	-	-	-	-	-	-	-	-
HAO1	rs6140468	C/T	Promoter	Y	93	91	0.45	0.44	0.26	-	-	-	-
HAO2	rs6667679	A/G	IVS	Y	99	100	0.27	0.27	0.73	0.72	0.43	0.52	0.84
	rs3753262	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3753261	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
HDGF2	rs8887	T/C	3'UTR	N	-	-	-	-	-	-	-	-	-
HDHD1A	rs1131197	C/T	IVS	Y	100	100	0.36	0.35	0.00	-	-	-	-
	rs3747386	C/G	CDS	Y	90	85	0.00	0.00	-	-	-	-	-
HDHD2	rs3809966	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3809965	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
HDHD3	rs16933144	C/G	Promoter	Y	92	88	0.31	0.30	0.16	-	-	-	-
	rs3747816	C/T	5'UTR	Y	98	99	0.36	0.36	0.79	0.93	0.76	0.87	0.89
	rs1043836	C/T	CDS	N	-	-	-	-	-	-	-	-	-
HEMK1	rs2232248	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2227292	C/T	5'UTR	Y	100	100	0.31	0.32	0.70	0.54	0.27	0.86	0.37
HEXDC	rs1141463	A/C	5'UTR	Y	100	100	0.33	0.32	0.30	0.30	0.49	0.28	0.62
	rs4789773	A/G	CDS	N	-	-	-	-	-	-	-	-	-
HHAT	rs4366378	A/C	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs688585	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2294851	G/A	IVS	N	-	-	-	-	-	-	-	-	-
HIBCH	rs1372053	G/T	Promoter	Y	0	0	-	-	-	-	-	-	-
	rs291466	A/G	CDS	Y	100	99	0.13	0.15	0.95	0.19	0.09	0.99	0.14
	rs1058180	T/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs3749022	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
HMGCR	rs3761740	A/C	Promoter	Y	100	100	0.02	0.02	0.02	-	-	-	-
HNMT	rs6430764	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs12995000	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
HPD	rs1154510	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs2596143	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
HSD17B11	rs12644152	G/A	Promoter	Y	100	100	0.31	0.26	0.38	0.01	0.01	0.17	0.01
	rs13138404	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
HSD17B12	rs11037557	A/T	Promoter	Y	100	100	0.03	0.03	0.44	-	-	-	-

	rs12364003	C/G	Promoter	Y	0	0	-	-	-	-	-	-	-	-
HSD17B14	rs8110220	C/T	CDS	Y	78	90	0.17	0.16	0.00	-	-	-	-	-
HSDL1	rs4378600	C/G	CDS	Y	98	99	0.21	0.20	0.98	0.83	0.85	0.55	0.57	
HSDL2	rs10115837	A/T	Promoter	Y	99	99	0.30	0.32	0.64	0.34	0.54	0.16	0.27	
	rs3813857	C/T	Promoter	Y	99	99	0.03	0.03	0.48	-	-	-	-	
	rs6477923	A/G	Promoter	Y	94	93	0.22	0.19	0.32	-	-	-	-	
HSPC105	rs3813012	C/T	CDS	Y	99	99	0.01	0.01	0.76	-	-	-	-	
HTR3E	rs6443950	A/T	Promoter	Y	100	100	0.17	0.15	0.18	0.25	0.92	0.13	0.20	
IFITM2	rs1058900	C/T	CDS	N	-	-	-	-	-	-	-	-	-	
	rs3809112	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs10398	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	
INMT	rs2302339	A/G	CDS	Y	98	97	0.12	0.12	0.68	0.91	0.84	0.86	0.89	
	rs6970396	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs741872	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs4720015	G/T	CDS	N	-	-	-	-	-	-	-	-	-	
KIAA0907	rs2275079	C/T	IVS	Y	96	98	0.06	0.06	0.15	0.19	0.54	0.98	0.39	
	rs6660802	A/G	Promoter	Y	100	100	0.06	0.05	0.15	0.22	0.98	0.91	0.71	
KYNU	rs2016775	A/T	Promoter	Y	98	97	0.16	0.15	0.81	0.50	0.23	0.34	0.23	
	rs10496935	C/G	IVS	N	-	-	-	-	-	-	-	-	-	
	rs1050951	G/A	IVS	N	-	-	-	-	-	-	-	-	-	
LCMT1	rs3809680	C/T	Promoter	Y	86	92	0.00	0.00	-	-	-	-	-	
LCMT2	rs3742971	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs3742970	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	
LIPL1	rs2576168	C/T	Promoter	Y	100	100	0.39	0.40	0.87	0.72	0.41	0.95	0.63	
LIPL2	None	-	-	-	-	-	-	-	-	-	-	-	-	
LOXHD1	rs12606417	C/T	CDS	N	-	-	-	-	-	-	-	-	-	
	rs1893566	C/T	CDS	Y	100	100	0.37	0.35	0.85	0.65	0.41	0.52	0.36	
	rs674948	A/G	5'UTR	Y	100	100	0.25	0.25	0.89	0.90	0.94	0.64	0.81	
LOXL1	rs3825942	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
LOXL2	rs1063582	A/C	CDS	N	-	-	-	-	-	-	-	-	-	
	rs6985160	C/T	IVS	Y	100	100	0.10	0.10	0.62	0.56	0.75	0.34	0.60	
	rs6999447	C/T	IVS	N	-	-	-	-	-	-	-	-	-	
LOXL3	rs17010021	A/T	CDS	Y	100	100	0.37	0.38	0.03	-	-	-	-	
LOXL4	rs1983864	T/G	CDS	N	-	-	-	-	-	-	-	-	-	
LPO	rs8178289	A/C	IVS	Y	100	98	0.02	0.02	0.63	-	-	-	-	
	rs8178290	A/C	IVS	Y	96	96	0.11	0.12	0.62	0.37	0.18	0.68	0.48	
	rs7501989	C/T	Promoter	Y	100	100	0.15	0.17	0.37	0.69	0.43	0.56	0.38	
	rs2301870	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
LTA4H	rs2540487	A/G	Promoter	Y	97	98	0.20	0.17	0.53	0.18	0.20	0.09	0.06	
	rs2660899	G/T	Promoter	N	-	-	-	-	-	-	-	-	-	
LYCAT	rs13413678	C/T	Promoter	Y	100	100	0.20	0.19	0.02	-	-	-	-	
	rs829618	A/G	IVS	Y	84	85	0.07	0.07	0.07	-	-	-	-	

MBOAT1	rs1077919	C/T	Promoter	Y	100	100	0.08	0.07	0.19	0.75	0.56	0.51	0.47
MBOAT5	rs17790962	A/G	IVS	Y	100	100	0.17	0.15	0.05	-	-	-	-
ME2	rs16952692	C/T	CDS	Y	100	100	0.00	0.00	-	-	-	-	-
	rs687550	A/T	Promoter	Y	100	100	0.11	0.11	0.71	0.62	0.48	0.49	0.64
ME3	rs682915	A/G	Promoter	Y	100	100	0.43	0.41	0.32	0.82	0.58	0.72	0.57
	rs670736	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
MECR	rs1128400	G/A	CDS	N	-	-	-	-	-	-	-	-	-
METT10D	rs11078210	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
METT11D1	rs2297717	C/G	CDS	Y	99	100	0.13	0.10	0.34	0.02	0.01	0.99	0.01
	rs2783781	C/G	Promoter	Y	100	100	0.26	0.28	0.39	0.22	0.84	0.09	0.15
	rs2771342	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
METT5D1	rs12360577	A/C	Promoter	Y	100	100	0.31	0.30	0.17	0.29	0.91	0.12	0.54
METTL1	rs703842	C/T	3'UTR	Y	99	98	0.32	0.30	0.76	0.53	0.52	0.25	0.32
	rs2291617	G/T	5'UTR	N	-	-	-	-	-	-	-	-	-
METTL4	rs2644189	A/G	5'UTR	Y	95	93	0.13	0.14	0.63	-	-	-	-
	rs3817349	A/C	5'UTR	Y	100	100	0.12	0.13	0.47	0.65	0.35	0.62	0.48
	rs2677879	T/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs2677893	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
METTL7B	rs4759187	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
METTL8	rs6751956	C/T	Promoter	Y	100	98	0.31	0.32	0.68	0.74	0.58	0.88	0.72
METTL9	rs3091402	A/G	IVS	Y	82	88	0.39	0.40	0.51	-	-	-	-
	rs3759990	C/G	Promoter	N	-	-	-	-	-	-	-	-	-
MOGAT1	rs10169223	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1868024	C/T	CDS	Y	100	100	0.12	0.11	0.50	0.60	0.82	0.38	0.45
MOGAT2	rs555939	G/T	Promoter	Y	0	0	-	-	-	-	-	-	-
	rs554202	A/G	CDS	N	-	-	-	-	-	-	-	-	-
MSRA	rs10098474	C/T	Promoter	Y	95	91	0.44	0.42	0.00	-	-	-	-
MSRB2	rs2296466	A/G	CDS	Y	98	97	0.17	0.18	0.86	0.75	0.56	0.89	0.58
	rs2886428	A/C	Promoter	Y	100	100	0.27	0.27	0.79	0.95	0.83	0.88	0.98
N6AMT1	rs2738966	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2859734	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
N6AMT2	rs3924006	A/T	IVS	Y	100	100	0.29	0.30	0.41	0.69	0.43	0.88	0.83
	rs3936081	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
NANP	rs6037164	C/T	Promoter	Y	100	100	0.06	0.07	0.91	0.14	0.22	0.98	0.15
NDUFA11	rs6510862	A/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs8108064	G/T	5'UTR	N	-	-	-	-	-	-	-	-	-
NDUFB1	rs12886909	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs7148709	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
NDUFB5	rs2339844	A/C	Promoter	Y	100	100	0.12	0.13	0.53	0.72	0.45	0.77	0.45
NDUFS3	rs2280231	C/T	Promoter	Y	0	0	-	-	-	-	-	-	-
NDUFS7	rs3848638	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
NDUFV3	rs1573472	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-

NOX3	rs3749930	G/T	CDS	N	-	-	-	-	-	-	-	-	-	-
NOX5	rs12907196	C/T	CDS	Y	100	100	0.12	0.11	0.49	0.48	0.88	0.26	0.66	
	rs2277552	C/T	CDS	Y	100	100	0.19	0.22	0.02	-	-	-	-	
	rs3743093	A/G	IVS	N	-	-	-	-	-	-	-	-	-	
	rs3743091	G/T	IVS	N	-	-	-	-	-	-	-	-	-	
NSUN2	rs2303707	G/T	IVS	Y	100	100	0.36	0.38	0.88	0.60	0.37	0.32	0.25	
	rs2303708	A/G	CDS	Y	90	92	0.06	0.07	0.71	-	-	-	-	
	rs3776448	A/G	3'UTR	Y	98	97	0.26	0.26	0.23	0.49	0.28	0.87	0.79	
NUP188	None	-	-	-	-	-	-	-	-	-	-	-	-	
OLR1	rs11053646	C/G	CDS	Y	88	89	0.18	0.18	0.96	-	-	-	-	
OR51B2	rs10837814	A/G	CDS	Y	100	100	0.31	0.32	0.01	-	-	-	-	
	rs10837822	C/T	Promoter	Y	100	100	0.15	0.14	0.42	0.71	0.89	0.35	0.69	
	rs11036814	A/C	CDS	Y	93	95	0.17	0.18	0.76	-	-	-	-	
	rs11036815	A/G	CDS	Y	85	91	0.18	0.18	0.92	-	-	-	-	
	rs7933257	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-	
OXA1L	rs17619	A/G	CDS	Y	98	100	0.03	0.03	0.59	-	-	-	-	
	rs8572	T/C	CDS	N	-	-	-	-	-	-	-	-	-	
OXNAD1	rs14080	C/G	Promoter	Y	99	100	0.48	0.48	0.52	0.87	0.75	0.77	1.00	
	rs6777976	C/T	CDS	Y	100	100	0.12	0.14	0.81	0.63	0.39	0.68	0.38	
P4HA1	rs7918396	C/T	Promoter	Y	0	0	-	-	-	-	-	-	-	
P4HA3	rs3741132	C/T	3'UTR	Y	100	100	0.25	0.28	0.70	0.08	0.15	0.05	0.05	
P4HB	rs12452016	A/T	Promoter	Y	99	99	0.30	0.29	0.56	0.85	0.57	0.71	0.59	
	rs8077337	A/G	Promoter	Y	98	94	0.26	0.28	0.77	-	-	-	-	
PAFAH2	rs11247841	C/T	5'UTR	Y	99	100	0.33	0.30	0.82	0.26	0.09	0.56	0.12	
	rs2992056	C/T	IVS	Y	100	100	0.24	0.22	0.14	0.24	0.15	0.75	0.30	
PAH	rs7485331	A/C	Promoter	Y	99	100	0.23	0.24	0.13	0.35	0.20	0.81	0.48	
PCYOX1L	rs2454107	A/T	Promoter	Y	100	99	0.38	0.37	0.69	0.32	0.22	0.76	0.47	
PECR	rs9288513	A/T	CDS	Y	100	100	0.31	0.30	0.63	0.61	0.31	0.62	0.32	
PEMT	rs2278952	C/T	5'UTR	Y	100	100	0.07	0.08	0.95	0.63	0.48	0.33	0.39	
	rs7946	C/T	CDS	N	-	-	-	-	-	-	-	-	-	
PHYH	rs11133	A/G	3'UTR	Y	100	100	0.19	0.19	0.30	0.99	0.98	0.89	0.89	
	rs4615920	A/G	Promoter	Y	91	92	0.09	0.06	0.89	-	-	-	-	
	rs3802587	G/A	IVS	N	-	-	-	-	-	-	-	-	-	
	rs608353	G/T	IVS	N	-	-	-	-	-	-	-	-	-	
	rs511959	C/G	IVS	N	-	-	-	-	-	-	-	-	-	
PHYHIP	rs7821707	A/G	IVS	Y	100	98	0.32	0.29	0.65	0.34	0.24	0.26	0.16	
	rs3888282	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	
PHYHIPL	rs2452505	C/G	CDS	Y	98	99	0.12	0.10	0.71	0.19	0.76	0.08	0.10	
PLOD1	rs7551175	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
PLOD2	rs6710	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-	
PLOD3	rs17319250	C/T	5'UTR	Y	85	88	0.17	0.19	0.25	-	-	-	-	
	rs2074685	C/T	Promoter	Y	99	100	0.23	0.26	0.77	0.26	0.47	0.17	0.16	

PNMT	rs876493	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
POMT2	rs2193594	A/G	Promoter	Y	100	99	0.49	0.44	0.99	0.04	0.03	0.13	0.02	
PPOX	rs2301286	A/C	5'UTR	N	-	-	-	-	-	-	-	-	-	
PRMT2	rs2277829	G/T	5'UTR	N	-	-	-	-	-	-	-	-	-	
PRMT3	rs10741836	C/T	IVS	Y	100	100	0.36	0.34	0.75	0.42	0.34	0.17	0.17	
	rs2270678	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs3758805	C/G	CDS	Y	99	99	0.08	0.07	0.21	0.60	0.85	0.29	0.72	
PRMT6	rs1730850	A/G	Promoter	Y	99	100	0.31	0.31	0.44	0.15	0.69	0.10	0.66	
	rs2232016	C/T	CDS	Y	0	0	-	-	-	-	-	-	-	
PRMT7	rs2863978	A/G	Promoter	Y	100	100	0.23	0.23	0.63	0.98	0.74	0.98	0.88	
	rs8063446	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	
PRMT8	rs3741936	C/T	IVS	Y	95	94	0.31	0.33	0.38	-	-	-	-	
PRODH2	rs3761097	T/C	CDS	N	-	-	-	-	-	-	-	-	-	
PTRH1	rs3802357	C/T	Promoter	Y	86	85	0.29	0.27	0.63	-	-	-	-	
PYCR1	rs4268798	C/T	IVS	N	-	-	-	-	-	-	-	-	-	
PYCRL	rs4874171	C/T	Promoter	Y	99	99	0.18	0.19	0.40	0.26	0.96	0.11	0.57	
	rs2242089	T/C	CDS	N	-	-	-	-	-	-	-	-	-	
	rs3812442	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
QDPR	None	-	-	-	-	-	-	-	-	-	-	-	-	
RDH11	rs1997896	A/T	Promoter	Y	99	100	0.41	0.44	0.87	0.25	0.36	0.10	0.13	
	rs3759768	A/G	Promoter	Y	99	99	0.21	0.22	0.99	0.92	0.84	0.62	0.63	
RG9MTD2	rs10026790	A/G	5'UTR	Y	100	100	0.15	0.14	0.81	0.98	0.87	0.93	0.97	
	rs11097669	A/G	IVS	N	-	-	-	-	-	-	-	-	-	
RG9MTD3	rs7873440	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs7873428	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	
RNMTL1	rs16955542	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2249542	A/G	CDS	Y	100	99	0.12	0.11	0.92	0.84	1.00	0.55	0.58	
	rs2750012	A/G	IVS	N	-	-	-	-	-	-	-	-	-	
	rs3760495	C/T	Promoter	Y	100	100	0.33	0.34	0.99	0.41	0.84	0.16	0.41	
RXRB	rs7753248	A/G	3'UTR	Y	100	100	0.23	0.23	0.58	0.97	1.00	0.90	0.92	
RXRG	rs1467664	A/G	Promoter	Y	99	99	0.29	0.27	0.78	0.62	0.35	0.44	0.29	
SCO1	rs3809732	A/C	Promoter	Y	100	100	0.14	0.14	0.09	0.53	0.34	0.78	0.99	
SCO2	None	-	-	-	-	-	-	-	-	-	-	-	-	
SERHL2	rs137055	C/T	CDS	N	-	-	-	-	-	-	-	-	-	
SETD2	rs12493723	C/T	Promoter	Y	100	100	0.16	0.17	0.83	0.75	0.81	0.59	0.58	
	rs4082155	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
SGPP2	rs6758392	C/T	Promoter	Y	100	100	0.28	0.28	0.43	0.76	0.68	0.63	0.90	
SGSH	rs7503034	C/T	CDS	Y	100	100	0.32	0.34	0.83	0.27	0.13	0.86	0.31	
SMOX	rs2422915	C/G	Promoter	Y	100	100	0.06	0.07	0.45	0.49	0.27	0.99	0.29	
SOAT1	rs12408349	A/C	Promoter	Y	0	0	-	-	-	-	-	-	-	
	rs10913709	C/T	IVS	Y	100	100	0.03	0.05	0.23	-	-	-	-	
	rs3753527	C/T	IVS	Y	98	98	0.09	0.08	0.93	0.87	0.63	0.78	0.61	

SOAT2	rs2280698	A/G	5'UTR	Y	100	99	0.17	0.15	0.28	0.49	0.29	0.93	0.35
	rs2272296	C/T	CDS	N	-	-	-	-	-	-	-	-	-
SRD5A2L	rs2538	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-
SULT1B1	rs2292092	A/C	IVS	Y	100	100	0.40	0.40	0.48	0.96	0.89	0.81	0.83
	rs11569731	C/T	IVS	Y	100	100	0.04	0.05	0.23	-	-	-	-
SULT1C2	rs1402467	C/G	CDS	Y	99	100	0.09	0.10	0.18	0.87	0.72	0.81	0.70
	rs3731686	A/G	IVS	Y	100	100	0.02	0.03	0.52	-	-	-	-
SULT1C3	rs2219078	A/G	CDS	Y	100	100	0.24	0.25	0.09	0.70	0.63	0.63	0.82
SULT2B1	rs3760808	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
SULT4A1	rs138109	A/C	Promoter	Y	82	82	0.38	0.39	0.02	-	-	-	-
	rs138110	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
SULT6B1	rs11569755	C/G	IVS	Y	99	99	0.21	0.22	0.87	0.47	0.33	0.36	0.26
TDO2	rs10857287	A/G	Promoter	Y	100	100	0.11	0.13	0.46	0.26	0.95	0.12	0.18
TPH2	rs7963803	A/C	Promoter	Y	96	96	0.16	0.16	0.38	0.64	0.49	0.65	0.85
	rs4570625	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
TPO	rs1042589	C/G	3'UTR	Y	100	100	0.44	0.43	0.11	0.64	0.34	0.46	0.30
	rs2071400	C/T	Promoter	Y	100	100	0.36	0.34	0.87	0.40	0.60	0.30	0.37
	rs2071402	A/G	Promoter	Y	100	99	0.19	0.21	0.69	0.69	0.84	0.41	0.44
	rs2298876	A/G	Promoter	Y	100	100	0.36	0.38	0.45	0.59	0.99	0.31	0.62
	rs4927611	G/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs732609	A/C	CDS	N	-	-	-	-	-	-	-	-	-
TRMT1	rs1126799	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs2302159	A/G	Promoter	Y	100	99	0.05	0.04	0.42	-	-	-	-
TRMT12	rs3812475	C/T	CDS	Y	100	100	0.40	0.44	0.91	0.08	0.02	0.20	0.03
	rs4132855	C/T	Promoter	Y	100	100	0.24	0.26	0.59	0.24	0.08	0.61	0.27
TRMT5	rs6981043	C/G	Promoter	Y	90	90	0.17	0.19	0.88	-	-	-	-
	rs17097938	C/G	Promoter	Y	100	100	0.09	0.08	0.88	0.99	0.86	0.90	0.88
	rs2296923	A/G	Promoter	Y	100	100	0.23	0.24	0.44	0.69	0.46	0.87	0.68
	rs2296924	C/T	Promoter	Y	98	100	0.22	0.23	0.79	0.79	0.54	0.72	0.71
TXNRD2	rs5748469	A/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs737865	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs737866	A/G	IVS	N	-	-	-	-	-	-	-	-	-
UCRC	rs14115	A/G	CDS	Y	97	98	0.09	0.07	0.61	0.02	0.05	0.97	0.12
UQCRC1	rs17080284	C/G	CDS	Y	99	99	0.06	0.04	0.45	-	-	-	-
UQCRC2	rs2965807	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
UQCRQ	rs11748063	C/T	Promoter	Y	93	91	0.01	0.02	0.00	-	-	-	-
	rs30180	C/T	Promoter	Y	100	100	0.32	0.33	0.10	0.95	0.89	0.76	0.80
	rs17166294	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
USP40	rs838543	C/T	CDS	Y	99	100	0.09	0.08	0.69	0.34	0.22	0.39	0.27
USP43	None	-	-	-	-	-	-	-	-	-	-	-	-
USP48	rs2315930	C/T	Promoter	Y	100	98	0.04	0.02	0.59	-	-	-	-
VPS13A	rs3824545	A/G	Promoter	Y	91	81	0.16	0.16	0.91	-	-	-	-

ADH7	rs17537595	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
ADRB1	rs1801253	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
ADRB2	rs2895795	T/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs33947624	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs17334228	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1042711	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs1042713	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs12654778	A/G	Promoter	Y	100	100	0.42	0.42	0.74	0.95	0.91	0.71	0.85	
	rs11168070	C/G	Promoter	Y	99	98	0.09	0.09	0.54	0.61	0.83	0.45	0.68	
	rs17108803	G/T	Promoter	Y	100	100	0.05	0.05	0.68	-	-	-	-	
	rs2400707	A/G	Promoter	Y	100	99	0.21	0.23	0.51	0.48	0.40	0.37	0.29	
AFF1	rs340638	G/A	IVS	N	-	-	-	-	-	-	-	-	-	
AFF4	rs3798123	A/G	Promoter	Y	91	83	0.29	0.30	0.06	-	-	-	-	
	rs2288386	T/C	IVS	N	-	-	-	-	-	-	-	-	-	
	rs2288387	A/G	IVS	N	-	-	-	-	-	-	-	-	-	
	rs3798122	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	
AGPAT2	rs3812611	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
AGT	rs11122576	A/G	IVS	Y	100	100	0.35	0.38	0.09	0.04	0.45	0.02	0.08	
	rs4762	C/T	CDS	Y	100	100	0.11	0.11	0.31	0.39	0.92	0.16	0.66	
	rs5045	C/G	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-	
	rs5046	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs5047	T/C	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs5048	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs5049	T/C	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs11568016	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs11568029	A/T	IVS	N	-	-	-	-	-	-	-	-	-	
	rs2071406	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2493135	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs5050	G/T	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs5051	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs5052	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs699	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
AHR	rs10249788	C/T	Promoter	Y	100	100	0.26	0.24	0.25	0.21	0.38	0.08	0.16	
	rs2066853	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs7796976	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	
AKAP13	rs11630755	A/G	IVS	Y	99	98	0.41	0.40	0.66	0.90	0.85	0.99	0.90	
	rs16942813	C/T	IVS	Y	97	98	0.15	0.13	0.58	0.64	0.61	0.36	0.34	
	rs8040041	C/T	IVS	Y	98	98	0.03	0.03	0.45	-	-	-	-	
	rs1551971	A/G	IVS	Y	100	100	0.08	0.08	0.85	0.69	0.86	0.43	0.98	
	rs2291049	C/T	IVS	Y	99	100	0.45	0.47	0.08	0.60	0.33	0.83	0.49	
	rs410522	A/C	IVS	Y	86	85	0.28	0.25	0.00	-	-	-	-	
	rs4843064	A/G	IVS	Y	90	91	0.03	0.02	0.56	-	-	-	-	

	rs7178991	C/G	IVS	Y	100	100	0.21	0.19	0.30	0.50	0.91	0.33	0.44
	rs2014432	A/C	Promoter	Y	100	100	0.07	0.05	0.76	-	-	-	-
	rs16977252	A/G	IVS	Y	100	100	0.32	0.34	0.82	0.61	0.39	0.45	0.32
	rs716400	G/T	IVS	Y	100	100	0.38	0.40	0.71	0.44	0.23	0.87	0.36
	rs6496044	A/G	IVS	Y	100	100	0.48	0.49	0.31	0.43	0.84	0.30	0.62
	rs1075607	A/G	IVS	Y	100	100	0.21	0.20	0.63	0.58	0.62	0.26	0.41
	rs11631739	C/T	IVS	Y	92	81	0.50	0.49	0.00	-	-	-	-
	rs12437886	A/G	IVS	Y	100	100	0.50	0.49	0.99	0.66	0.52	0.95	0.71
	rs12438724	C/T	Promoter	Y	97	96	0.40	0.40	0.03	-	-	-	-
	rs12442591	A/C	IVS	Y	100	99	0.01	0.01	0.82	-	-	-	-
	rs12912048	A/G	IVS	Y	100	100	0.38	0.41	0.92	0.25	0.13	0.77	0.24
	rs16941146	G/T	Promoter	Y	100	100	0.08	0.08	0.75	0.45	0.45	0.33	0.57
	rs16942440	C/G	IVS	Y	97	99	0.08	0.08	0.87	0.41	0.78	0.22	0.63
	rs16945319	C/G	Promoter	Y	99	100	0.11	0.11	0.99	0.71	0.97	0.49	0.53
	rs16975309	A/G	Promoter	Y	100	100	0.20	0.19	0.97	0.82	0.46	0.78	0.62
	rs17637142	C/T	IVS	Y	100	100	0.07	0.06	0.43	0.26	0.65	0.18	0.24
	rs2169876	C/T	IVS	Y	100	100	0.15	0.12	0.07	0.05	0.01	0.93	0.02
	rs2169877	A/G	IVS	Y	100	100	0.27	0.24	0.93	0.33	0.14	0.33	0.11
	rs2448023	C/G	IVS	Y	98	100	0.43	0.45	0.60	0.50	0.88	0.33	0.52
	rs2467097	C/T	IVS	Y	79	87	0.10	0.10	0.19	-	-	-	-
	rs338499	A/G	IVS	Y	100	100	0.05	0.05	0.79	-	-	-	-
	rs338525	A/G	IVS	Y	100	100	0.01	0.01	0.77	-	-	-	-
	rs338531	A/T	IVS	Y	100	100	0.05	0.05	0.60	0.58	0.98	0.86	0.94
	rs431810	C/T	IVS	Y	96	98	0.34	0.34	0.95	0.89	0.96	0.69	0.88
	rs7165772	A/G	IVS	Y	100	100	0.12	0.10	0.96	0.17	0.40	0.07	0.06
	rs8025135	A/G	IVS	Y	100	100	0.35	0.36	0.59	0.87	0.60	0.66	0.55
	rs416916	G/A	IVS	N	-	-	-	-	-	-	-	-	-
AKAP9	rs6964587	G/T	CDS	Y	99	100	0.19	0.17	0.59	0.16	0.41	0.10	0.21
	rs4727266	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
AKR1A1	rs9147	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
AKR1B1	rs5053	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs759853	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
AKR1B10	rs10236737	A/G	Promoter	Y	99	99	0.16	0.17	0.35	0.11	0.86	0.06	0.47
	rs2037004	A/G	5'UTR	Y	100	100	0.15	0.17	0.46	0.12	0.06	0.65	0.33
	rs706184	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3735042	C/T	CDS	N	-	-	-	-	-	-	-	-	-
	rs782510	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
AKR1C1	rs8483	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-
AKR1C2	rs1937888	T/C	Promoter	N	-	-	-	-	-	-	-	-	-
AKR1C3	rs3209896	A/G	IVS	Y	100	100	0.22	0.22	0.92	0.96	0.84	0.96	0.97
	rs1937845	C/T	Promoter	Y	100	100	0.11	0.12	0.81	0.84	0.62	0.70	0.72
AKT2	rs10416620	C/G	Promoter	Y	93	91	0.11	0.14	0.02	-	-	-	-

ASPSCR1	rs34085048	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs8074498	A/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs35344256	A/C	Promoter	Y	100	100	0.48	0.49	0.97	0.10	0.04	0.75	0.14	
ATF1	rs3809319	A/G	IVS	Y	100	99	0.34	0.35	0.60	0.75	0.61	0.55	0.50	
ATF3	rs8192658	C/T	CDS	N	-	-	-	-	-	-	-	-	-	
ATF4	rs2267413	A/G	Promoter	Y	94	98	0.01	0.01	0.80	-	-	-	-	
	rs4894	A/C	CDS	N	-	-	-	-	-	-	-	-	-	
ATIC	rs2372536	C/G	CDS	Y	100	100	0.20	0.19	0.32	0.81	0.80	0.49	0.66	
	rs28366034	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	
ATP5O	rs4591	C/T	IVS	Y	98	98	0.30	0.30	0.05	0.15	0.43	0.19	0.96	
	rs2834296	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
AXL	rs2301236	A/G	Promoter	Y	98	100	0.25	0.22	0.18	0.32	0.29	0.14	0.11	
	rs28364580	A/G	5'UTR	Y	99	100	0.20	0.20	0.90	0.61	0.32	0.93	0.66	
	rs8101017	G/T	Promoter	Y	98	98	0.20	0.21	0.58	0.82	0.72	0.67	0.88	
BARD1	rs2229571	C/G	CDS	Y	92	90	0.34	0.33	0.02	-	-	-	-	
	rs3738885	G/C	CDS	N	-	-	-	-	-	-	-	-	-	
	rs1048108	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
	rs1129804	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs17489363	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	
	rs2070094	T/C	CDS	N	-	-	-	-	-	-	-	-	-	
	rs3738888	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
BCL11A	None	-	-	-	-	-	-	-	-	-	-	-		
BCL3	rs1046881	T/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
BCL6	rs16862537	A/G	Promoter	Y	100	100	0.26	0.23	0.75	0.05	0.37	0.04	0.12	
	rs2229362	A/G	CDS	Y	100	100	0.10	0.11	0.55	0.54	0.81	0.39	0.46	
BCL7A	rs1678962	A/T	5'UTR	N	-	-	-	-	-	-	-	-	-	
BCL9	rs34002844	C/T	CDS	Y	0	0	-	-	-	-	-	-	-	
	rs3806218	A/G	Promoter	Y	99	100	0.34	0.34	0.87	0.81	0.83	0.52	0.71	
	rs3820129	T/C	CDS	N	-	-	-	-	-	-	-	-	-	
	rs867270	A/G	3'UTR	Y	98	96	0.34	0.35	0.72	0.10	0.12	0.37	0.97	
BCR	rs3761418	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-	
	rs140504	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs180812	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs34596599	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs35812689	C/T	CDS	N	-	-	-	-	-	-	-	-	-	
BHLHB2	rs1110261	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs2271566	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	
BLM	rs2238335	C/G	IVS	Y	100	100	0.10	0.09	0.25	0.90	0.74	0.77	0.73	
BLMH	rs1050565	A/G	CDS	Y	100	100	0.16	0.16	0.68	0.84	0.80	0.68	0.73	
BRD4	None	-	-	-	-	-	-	-	-	-	-	-	-	
BSG	rs8637	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
BTK	rs2071229	C/T	Promoter	Y	88	89	0.09	0.09	0.00	-	-	-	-	

	rs7610	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs9658655	C/G	CDS	Y	83	90	0.22	0.19	0.14	-	-	-	-	-
CHN1	rs3732315	A/T	Promoter	Y	99	99	0.32	0.31	0.44	0.86	0.58	0.77	0.59	
CIITA	rs2071170	C/G	Promoter	Y	100	99	0.33	0.34	0.12	0.83	0.76	0.89	0.98	
	rs2229317	C/G	CDS	Y	100	100	0.37	0.36	0.07	0.38	0.95	0.26	0.61	
	rs4774	C/G	CDS	N	-	-	-	-	-	-	-	-	-	
	rs13336804	C/T	CDS	N	-	-	-	-	-	-	-	-	-	
CKMT1B	rs2439	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	
CLK1	rs12465952	A/G	3'UTR	Y	100	100	0.25	0.25	0.88	0.55	0.51	0.52	0.79	
CLTC	rs3803861	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs3803862	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
CLTCL1	rs5746697	C/T	CDS	Y	100	100	0.06	0.05	0.26	0.10	0.97	0.29	0.47	
	rs735369	C/G	Promoter	Y	98	96	0.34	0.32	0.77	0.31	0.32	0.15	0.16	
	rs738904	A/C	3'UTR	Y	0	0	-	-	-	-	-	-	-	
COL6A3	rs1131296	G/A	CDS	N	-	-	-	-	-	-	-	-	-	
	rs4663722	C/G	IVS	Y	100	100	0.17	0.16	0.34	0.40	0.29	0.69	0.43	
	rs2270669	C/G	CDS	Y	100	100	0.28	0.29	0.51	0.83	0.82	0.66	0.72	
	rs35848091	G/T	CDS	Y	0	0	-	-	-	-	-	-	-	
	rs36117715	A/G	CDS	Y	100	100	0.00	0.00	0.95	-	-	-	-	
	rs6728818	A/G	CDS	Y	97	94	0.43	0.44	0.72	-	-	-	-	
COX6C	rs1130474	A/G	IVS	Y	100	100	0.11	0.13	0.63	0.27	0.10	0.33	0.08	
	rs4518636	T/C	5'UTR	N	-	-	-	-	-	-	-	-	-	
COX7A2	rs240423	C/T	Promoter	Y	100	100	0.15	0.14	0.92	0.72	0.57	0.50	0.48	
	rs9360898	G/T	Promoter	Y	100	100	0.21	0.22	0.88	0.69	0.93	0.45	0.51	
CRAT	rs2229419	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs17459086	C/G	CDS	Y	99	99	0.07	0.07	0.33	0.48	0.71	0.26	0.92	
CREM	rs10827493	C/T	Promoter	Y	99	100	0.26	0.26	0.21	0.76	0.79	0.36	0.57	
	rs17499811	A/G	Promoter	Y	87	91	0.26	0.27	0.04	-	-	-	-	
CRHR1	rs16940681	G/C	3'UTR	N	-	-	-	-	-	-	-	-	-	
CRTC1	rs3746266	T/C	CDS	Y	98	96	0.23	0.17	0.50	0.003	0.002	0.11	0.001	
	rs36070283	A/G	CDS	N	-	-	-	-	-	-	-	-	-	
CSF1R	rs2066933	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs2066934	C/A	3'UTR	N	-	-	-	-	-	-	-	-	-	
	rs10079250	A/G	CDS	Y	100	100	0.31	0.30	0.11	0.11	0.20	0.25	0.76	
	rs2236777	C/T	Promoter	Y	100	100	0.28	0.31	0.61	0.27	0.32	0.14	0.16	
CSK	rs12898997	C/T	IVS	N	-	-	-	-	-	-	-	-	-	
CSNK1E	rs1997644	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	
CTPS	rs2897231	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	
	rs12729920	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-	
CTSC	rs12573983	A/G	Promoter	Y	100	100	0.10	0.12	0.34	0.14	0.20	0.09	0.11	
	rs3758833	T/C	Promoter	Y	100	100	0.48	0.48	0.13	0.02	0.49	0.003	0.03	
	rs662983	C/T	Promoter	Y	99	98	0.16	0.18	0.82	0.21	0.09	0.26	0.06	

FUS	rs3764326	C/T	Promoter	Y	100	99	0.13	0.14	0.78	0.73	0.64	0.52	0.48
FZD5	rs35994626	A/G	CDS	N	-	-	-	-	-	-	-	-	-
FZD6	rs3808553	G/T	CDS	Y	100	100	0.40	0.37	0.68	0.30	0.43	0.12	0.17
FZD7	rs34908164	A/G	CDS	N	-	-	-	-	-	-	-	-	-
FZD9	rs1178947	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
GAS6	rs7320583	C/T	IVS	N	-	-	-	-	-	-	-	-	-
	rs8191974	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs9577924	C/T	5'UTR	Y	100	100	0.25	0.23	0.41	0.58	0.29	0.55	0.37
GAS7	None	-	-	-	-	-	-	-	-	-	-	-	-
	rs17208387	A/G	5'UTR	Y	100	100	0.10	0.11	0.97	0.66	0.31	0.87	0.70
GCAT	rs13911	A/G	3'UTR	Y	100	100	0.13	0.11	0.07	0.23	0.89	0.08	0.12
GCG	rs13001107	C/G	Promoter	Y	99	99	0.21	0.22	0.62	0.68	0.44	0.59	0.87
GDF15	rs8101804	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1059369	T/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs1227733	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs1054564	C/G	3'UTR	Y	100	100	0.20	0.18	0.71	0.50	0.80	0.28	0.31
GEM	rs2170363	C/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs2250208	C/T	5'UTR	Y	100	100	0.24	0.25	0.52	0.18	0.29	0.32	0.70
GGH	rs11545077	A/G	IVS	Y	94	95	0.21	0.19	0.21	-	-	-	-
	rs11545078	C/T	CDS	Y	100	100	0.08	0.07	0.13	0.43	0.24	0.86	0.30
	rs2305558	A/G	IVS	Y	100	100	0.36	0.35	0.63	0.32	0.18	0.71	0.70
	rs1800909	G/A	CDS	N	-	-	-	-	-	-	-	-	-
	rs3758147	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs3758149	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs719235	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs11545076	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs2736681	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs13270305	C/T	CDS	N	-	-	-	-	-	-	-	-	-
GNB2	None	-	-	-	-	-	-	-	-	-	-	-	-
GNB2L1	rs1279736	C/A	Promoter	Y	98	98	0.34	0.31	0.90	0.42	0.43	0.19	0.18
	rs3756585	G/T	Promoter	Y	100	100	0.30	0.30	0.82	0.99	0.91	0.91	0.89
GOLGA5	rs3759719	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs17128572	C/G	CDS	Y	99	99	0.18	0.17	0.44	0.78	0.52	0.77	0.52
GOPC	rs3752848	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs3752847	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
GPC3	rs2267531	C/G	Promoter	Y	96	89	0.41	0.35	0.00	-	-	-	-
GPHN	rs928553	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs7160519	C/T	Promoter	Y	100	100	0.46	0.46	0.05	-	-	-	-
GPR39	rs2241764	G/A	CDS	Y	100	100	0.25	0.22	0.68	0.10	0.56	0.03	0.04
GPX1	rs1800668	C/T	5'UTR	Y	100	100	0.08	0.07	0.10	0.44	0.63	0.34	0.82
	rs1050450	G/A	CDS	N	-	-	-	-	-	-	-	-	-
GPX3	rs8177404	C/T	Promoter	Y	100	99	0.17	0.16	0.66	0.34	0.14	0.51	0.29

	rs11548	C/T	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs1946234	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1946235	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1946236	A/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs8177409	T/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs8177412	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
GPX4	rs8103188	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
GPX7	rs6588431	C/T	Promoter	Y	100	100	0.17	0.20	0.48	0.07	0.03	0.85	0.06	
GSK3A	rs3810149	C/G	Promoter	Y	99	99	0.12	0.10	0.34	0.21	0.21	0.10	0.12	
GSPT1	rs2075151	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs434762	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
GSTA1	rs3756985	A/G	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-	-
	rs1052004	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs1052027	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs3957357	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs699336	T/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
GSTA2	rs2180314	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs4715316	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs6577	T/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs4715317	G/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
GSTM3	rs4970777	C/T	Promoter	Y	100	100	0.17	0.17	0.19	0.44	0.29	0.61	0.92	
	rs7483	A/G	CDS	Y	100	100	0.24	0.23	0.03	-	-	-	-	-
	rs1332018	G/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
GSTM4	rs638007	A/T	Promoter	Y	100	100	0.23	0.24	0.37	0.64	0.51	0.85	0.92	
	rs641592	C/T	Promoter	Y	100	100	0.23	0.24	0.38	0.48	0.87	0.36	0.83	
	rs1010167	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-	-
GSTO2	rs156697	C/T	CDS	Y	100	100	0.25	0.22	0.36	0.39	0.45	0.22	0.20	
	rs2297235	A/G	5'UTR	Y	95	98	0.15	0.13	0.41	-	-	-	-	-
	rs157077	T/C	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs641071	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
GSTT2	None	-	-	-	-	-	-	-	-	-	-	-	-	-
GTF2I	rs1057896	G/T	CDS	N	-	-	-	-	-	-	-	-	-	-
GUSB	rs9530	C/T	CDS	Y	100	100	0.09	0.12	0.15	0.01	0.01	0.85	0.01	
H2AFZ	rs17029673	C/T	Promoter	Y	100	100	0.27	0.26	0.48	0.81	0.49	0.70	0.56	
HADHA	rs13016300	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs35615763	C/G	Promoter	Y	100	100	0.13	0.14	0.77	0.49	0.57	0.23	0.40	
HAGH	rs104843	C/A	IVS	N	-	-	-	-	-	-	-	-	-	-
HDHD1	rs12689910	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
HEI10	rs1132644	A/C	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs7155699	A/C	5'UTR	Y	100	100	0.17	0.15	0.19	0.30	0.42	0.11	0.10	
HIP1	rs4385415	A/G	Promoter	Y	99	97	0.25	0.24	0.66	0.49	0.27	0.88	0.33	
	rs4385416	A/G	Promoter	Y	100	100	0.25	0.24	0.71	0.59	0.35	0.79	0.38	

KLK10	rs10413539	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3760738	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3745535	A/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2075690	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2569454	C/T	5'UTR	Y	90	94	0.39	0.36	0.03	-	-	-	-	-
	rs7259651	A/G	5'UTR	Y	94	97	0.33	0.37	0.91	-	-	-	-	-
KRT2	rs17117549	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs10876315	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs4258426	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
KRTAP10-4	rs2634041	C/T	CDS	Y	95	95	0.22	0.21	0.90	-	-	-	-	-
	rs233283	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs425667	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs460166	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs382478	C/G	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs233280	A/G	Promoter	Y	96	97	0.20	0.20	0.46	0.49	0.27	0.88	0.80	-
	rs458762	A/G	Promoter	Y	100	100	0.30	0.31	0.02	-	-	-	-	-
KTN1	rs10146870	C/G	Promoter	Y	99	100	0.36	0.36	0.47	0.42	0.40	0.48	0.93	-
	rs12589867	G/T	Promoter	Y	100	99	0.31	0.33	0.11	0.28	0.23	0.58	0.51	-
LAF4	rs1047265	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
LAMB1	rs7561	C/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2070917	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs20556	A/G	IVS	Y	100	100	0.17	0.16	0.57	0.64	0.40	0.53	0.42	-
	rs6965420	G/T	Promoter	Y	100	100	0.02	0.02	0.13	-	-	-	-	-
	rs4730283	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
LAMP2	rs42889	C/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
LCP1	rs2296118	A/G	5'UTR	Y	100	100	0.10	0.11	0.42	0.44	0.22	0.48	0.19	-
	rs3759483	C/G	Promoter	Y	100	100	0.22	0.18	1.00	0.04	0.02	0.15	0.02	-
	rs3759486	C/G	Promoter	Y	100	100	0.05	0.05	0.10	-	-	-	-	-
LCT	rs1042712	C/G	3'UTR	Y	100	100	0.17	0.18	0.34	0.60	0.33	0.90	0.41	-
	rs2322659	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
LDHA	rs4757650	C/T	Promoter	Y	99	100	0.08	0.08	0.34	0.77	0.55	0.50	0.47	-
	rs7128549	C/G	Promoter	Y	99	99	0.32	0.34	0.46	0.33	0.74	0.14	0.35	-
	rs7129689	C/T	Promoter	Y	100	99	0.36	0.37	0.70	0.58	0.32	0.63	0.40	-
LHFP	rs912046	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs3764071	G/T	Promoter	Y	89	86	0.07	0.06	0.54	-	-	-	-	-
LIPJ	rs17109503	C/G	IVS	N	-	-	-	-	-	-	-	-	-	-
LITAF	rs17523609	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs17523623	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs12923640	A/G	Promoter	Y	100	100	0.21	0.19	0.99	0.27	0.20	0.33	0.15	-
	rs6498222	C/T	IVS	Y	100	100	0.40	0.41	0.99	0.68	0.38	0.98	0.65	-
	rs4280262	A/G	CDS	Y	100	100	0.08	0.10	0.63	0.17	0.25	0.11	0.15	-
LMO1	rs2071458	G/T	5'UTR	Y	97	94	0.25	0.25	0.01	-	-	-	-	-

LMO2	rs3740616	A/T	IVS	Y	94	93	0.14	0.14	0.37	-	-	-	-
	rs2273799	C/T	5'UTR	Y	100	100	0.37	0.39	0.91	0.50	0.39	0.29	0.25
LOX	rs1800449	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
LPP	rs1842306	A/G	Promoter	Y	100	99	0.43	0.49	0.01	-	-	-	-
	rs3732911	A/C	IVS	Y	80	89	0.21	0.23	0.21	-	-	-	-
LRPAP1	rs35417432	C/T	CDS	Y	0	0	-	-	-	-	-	-	-
	rs1741542	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs10012014	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs6789	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs1800493	T/C	CDS	N	-	-	-	-	-	-	-	-	-
LTF	rs4637321	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs1126477	A/G	CDS	Y	98	97	0.43	0.39	0.30	0.10	0.42	0.03	0.05
	rs1126478	A/G	CDS	Y	99	98	0.35	0.37	0.97	0.47	0.83	0.26	0.36
	rs2073495	C/G	CDS	Y	100	100	0.30	0.30	0.19	0.25	0.80	0.08	0.56
LYN	rs1050855	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs1450741	C/T	Promoter	Y	93	89	0.20	0.22	0.42	-	-	-	-
	rs2271400	A/G	Promoter	Y	92	88	0.19	0.22	0.87	-	-	-	-
LZTR1	rs13056784	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs178278	A/C	Promoter	Y	99	100	0.42	0.43	0.49	0.81	0.92	0.63	0.74
	rs6005114	A/C	Promoter	Y	97	98	0.12	0.14	0.47	0.25	0.15	0.80	0.21
M6PR	rs1558525	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs10842598	A/C	Promoter	Y	0	0	-	-	-	-	-	-	-
	rs4140911	A/G	IVS	Y	100	100	0.04	0.04	0.30	-	-	-	-
	rs987917	A/C	Promoter	Y	98	98	0.49	0.49	0.04	-	-	-	-
MAF	rs2288065	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2288066	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-
MALT1	rs12458537	G/T	Promoter	Y	100	100	0.14	0.14	0.57	0.95	0.72	0.86	0.80
MAP2K2	rs6629	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
MAP2K4	rs3809728	T/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs2190853	C/G	Promoter	Y	99	97	0.17	0.17	0.65	0.90	0.92	0.51	0.92
	rs3826392	A/C	Promoter	Y	100	100	0.17	0.17	0.52	0.93	0.96	0.53	0.89
MAP3K8	rs9338188	G/C	Promoter	N	-	-	-	-	-	-	-	-	-
	rs306587	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs3751450	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-
	rs7475723	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs8176945	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
MAPK13	rs2071863	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
MAPRE1	rs404543	A/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs393250	A/G	Promoter	Y	99	99	0.45	0.45	0.75	0.65	0.67	0.50	0.91
MAS1	rs220723	C/T	Promoter	Y	90	87	0.20	0.19	0.00	-	-	-	-
MCC	None	-	-	-	-	-	-	-	-	-	-	-	-
MDS1	rs1299563	A/G	5'UTR	Y	98	100	0.00	0.00	-	-	-	-	-

	rs7828497	G/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs28907872	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
MMP17	rs35466884	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
MMP21	rs11244640	G/T	Promoter	Y	100	100	0.28	0.29	0.79	0.43	0.99	0.14	0.54	
	rs34811493	C/G	CDS	Y	100	99	0.00	0.00	-	-	-	-	-	-
	rs10901425	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
MMP25	None	-	-	-	-	-	-	-	-	-	-	-	-	-
MMP26	rs2499953	A/G	CDS	Y	100	100	0.26	0.26	0.78	0.99	1.00	1.00	1.00	1.00
MMP8	rs35308160	A/T	Promoter	Y	99	100	0.20	0.22	0.27	0.18	0.35	0.09	0.16	
	rs35866072	A/C	CDS	Y	100	100	0.01	0.00	0.94	-	-	-	-	-
	rs1940475	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
MNDA	rs16841138	C/T	Promoter	Y	100	100	0.10	0.10	0.69	0.83	0.51	0.87	0.98	
	rs2276403	C/T	CDS	Y	100	100	0.04	0.04	0.31	-	-	-	-	-
MPL	rs710252	A/G	Promoter	Y	96	97	0.11	0.10	0.93	0.81	0.60	0.66	0.60	
MPO	rs2243827	G/T	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-	-
	rs2333227	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2856857	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs7208693	A/C	CDS	N	-	-	-	-	-	-	-	-	-	-
MTHFR	rs1801133	C/T	CDS	Y	96	96	0.46	0.44	0.95	0.20	0.11	0.79	0.23	
	rs2274976	A/G	CDS	Y	99	100	0.08	0.08	0.31	0.61	0.29	0.81	0.64	
	rs1801131	T/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs3737964	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
MTRR	rs10380	C/T	CDS	Y	100	100	0.14	0.13	0.01	-	-	-	-	-
	rs162036	A/G	CDS	Y	100	100	0.17	0.17	0.04	-	-	-	-	-
	rs16879334	C/G	CDS	Y	100	100	0.21	0.20	0.09	0.43	0.38	0.60	0.59	
	rs2287780	C/T	CDS	Y	97	97	0.21	0.20	0.16	0.42	0.34	0.69	0.52	
	rs2303080	A/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2966952	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1801394	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
MYBL1	rs1392150	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
MYBL2	rs2070235	A/G	CDS	Y	100	100	0.12	0.11	0.33	0.78	0.50	0.58	0.45	
	rs619289	C/T	Promoter	Y	100	100	0.20	0.20	0.51	0.95	0.89	0.78	0.84	
MYCN	rs9653226	C/T	Promoter	Y	88	89	0.35	0.30	0.00	-	-	-	-	-
MYH11	rs16967494	C/T	CDS	Y	99	99	0.35	0.39	0.67	0.05	0.19	0.02	0.04	
	rs215569	C/G	Promoter	Y	100	99	0.34	0.32	0.62	0.41	0.16	0.46	0.22	
MYH9	rs8138710	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2269529	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
MYLK	rs3796164	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs9840993	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2700408	A/G	5'UTR	Y	100	100	0.41	0.42	0.77	0.24	0.50	0.15	0.76	
	rs28497577	G/T	CDS	Y	100	100	0.07	0.06	0.89	0.52	0.23	0.80	0.23	
	rs34542174	A/G	CDS	Y	97	94	0.00	0.00	-	-	-	-	-	-

	rs8453	C/A	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs9724615	C/T	Promoter	Y	100	100	0.08	0.05	0.54	-	-	-	-
NTRK1	rs1007211	A/G	CDS	N	-	-	-	-	-	-	-	-	-
NTRK3	rs1863494	A/T	IVS	Y	100	100	0.14	0.16	0.87	0.24	0.57	0.12	0.34
	rs4887400	A/C	IVS	Y	80	85	0.42	0.44	0.00	-	-	-	-
	rs7161806	A/G	IVS	Y	100	100	0.44	0.44	0.39	0.74	0.75	0.62	0.95
	rs8035178	C/G	IVS	Y	99	100	0.21	0.23	0.41	0.58	0.85	0.32	0.38
	rs3784429	A/G	IVS	Y	100	100	0.30	0.32	0.00	-	-	-	-
	rs1369430	C/T	IVS	Y	100	100	0.32	0.32	0.25	0.50	0.57	0.57	0.86
	rs17755433	C/T	IVS	Y	97	98	0.16	0.18	0.01	-	-	-	-
	rs3784433	G/T	IVS	Y	99	100	0.03	0.03	0.51	-	-	-	-
	rs16941206	A/G	IVS	Y	100	100	0.19	0.21	0.04	-	-	-	-
	rs1435397	A/G	IVS	Y	91	91	0.15	0.14	0.52	-	-	-	-
	rs11630902	G/T	IVS	Y	99	99	0.21	0.20	0.81	0.37	0.21	0.75	0.85
	rs7170215	A/T	IVS	Y	100	100	0.24	0.25	0.89	0.91	0.74	0.89	0.75
	rs1107292	C/G	IVS	Y	80	82	0.11	0.14	0.17	-	-	-	-
	rs7168277	C/G	IVS	Y	100	100	0.21	0.23	0.00	-	-	-	-
	rs12595373	C/G	IVS	Y	99	99	0.06	0.05	0.13	-	-	-	-
	rs12595249	C/G	IVS	Y	100	100	0.22	0.23	0.00	-	-	-	-
	rs6496455	A/G	IVS	Y	100	100	0.18	0.18	0.43	0.89	0.52	0.61	0.52
	rs922232	A/T	IVS	Y	100	100	0.16	0.16	0.80	0.40	0.71	0.24	0.94
	rs2117655	G/T	IVS	Y	100	100	0.36	0.36	0.59	0.99	0.84	0.93	0.87
	rs12438418	A/G	IVS	Y	100	100	0.04	0.04	0.91	-	-	-	-
	rs3784419	A/G	IVS	Y	100	99	0.13	0.12	0.79	0.77	0.44	0.72	0.43
	rs3903308	C/T	IVS	Y	100	100	0.41	0.41	0.36	0.68	0.49	0.77	0.86
	rs17755717	A/G	IVS	Y	99	100	0.06	0.04	0.88	-	-	-	-
	rs12592807	C/T	IVS	Y	99	100	0.11	0.12	0.16	0.38	0.24	0.45	0.31
	rs2303464	A/G	IVS	Y	100	100	0.14	0.14	0.74	0.95	0.98	0.74	0.76
	rs16940994	A/G	IVS	Y	100	100	0.07	0.07	0.52	0.89	0.61	0.78	0.72
	rs16941424	C/T	IVS	Y	100	100	0.14	0.14	0.23	0.98	0.87	0.84	0.93
	rs17831280	C/T	IVS	Y	100	100	0.07	0.07	0.48	0.80	0.77	0.69	0.84
	rs3784421	G/T	IVS	Y	98	99	0.06	0.07	0.49	0.30	0.12	0.88	0.15
	rs4887212	C/T	IVS	Y	98	96	0.43	0.47	0.31	0.09	0.42	0.03	0.08
	rs7176520	C/T	IVS	Y	100	100	0.47	0.48	0.50	0.02	0.01	0.07	0.01
	rs6496453	A/G	IVS	N	-	-	-	-	-	-	-	-	-
	rs11073752	C/T	IVS	N	-	-	-	-	-	-	-	-	-
	rs8032073	G/A	IVS	N	-	-	-	-	-	-	-	-	-
NUMA1	rs3750913	G/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs34311364	A/C	CDS	N	-	-	-	-	-	-	-	-	-
	rs949323	A/C	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs949324	C/G	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs1573502	A/G	IVS	Y	100	99	0.25	0.26	0.93	0.86	0.77	0.61	0.66

	rs1629011	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs1698681	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs1698709	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs1778111	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2596268	A/T	Promoter	Y	100	100	0.18	0.18	0.00	-	-	-	-	-
	rs1324348	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1324349	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs2798892	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
PDGFRB	rs2229562	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2302273	A/G	5'UTR	Y	97	98	0.12	0.10	0.77	0.24	0.40	0.08	0.07	
PEA15	rs680083	A/G	IVS	Y	100	100	0.49	0.49	0.51	0.44	0.23	0.87	0.40	
PENK	rs2609998	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1975285	C/G	Promoter	Y	98	96	0.14	0.13	0.88	0.98	0.98	0.96	0.99	
PER1	rs2518023	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs34275201	A/C	Promoter	Y	89	94	0.15	0.12	0.16	-	-	-	-	-
PICALM	rs694353	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs10898433	G/T	Promoter	Y	82	87	0.42	0.42	0.01	-	-	-	-	-
PIK3CG	rs4730204	C/T	Promoter	Y	100	100	0.34	0.34	0.15	0.78	0.58	0.72	0.99	
PIM1	rs262936	C/G	CDS	N	-	-	-	-	-	-	-	-	-	-
PIT1	rs10511134	A/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
PLAG1	rs6474051	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs35883156	G/T	CDS	Y	0	0	-	-	-	-	-	-	-	-
PLAT	None	-	-	-	-	-	-	-	-	-	-	-	-	-
PLK2	rs15915	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs15009	C/G	3'UTR	Y	97	98	0.34	0.36	0.00	-	-	-	-	-
	rs702720	A/G	Promoter	Y	99	100	0.07	0.06	0.10	0.51	0.98	0.48	0.43	
PNPO	rs2325751	A/C	Promoter	Y	100	99	0.22	0.22	0.50	0.50	0.24	0.91	0.73	
PON1	rs13306698	A/G	CDS	Y	100	100	0.09	0.07	0.48	0.28	0.11	0.82	0.11	
	rs854571	C/T	Promoter	Y	100	100	0.30	0.31	0.23	0.10	0.09	0.59	0.29	
	rs854573	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs662	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs705380	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs705379	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
POR	rs3823884	C/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs1057868	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
POU2AF1	rs4938510	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3802843	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
PPIA	rs4720485	A/T	Promoter	Y	90	79	0.06	0.05	0.92	-	-	-	-	-
	rs6850	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
PPID	rs17843877	A/G	Promoter	Y	80	81	0.16	0.13	0.02	-	-	-	-	-
	rs2230222	A/T	CDS	Y	100	100	0.00	0.00	-	-	-	-	-	-
	rs8396	A/G	3'UTR	Y	99	100	0.21	0.20	0.67	0.77	0.50	0.75	0.49	

	rs2070629	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
PPIH	rs12145700	C/T	Promoter	Y	100	100	0.11	0.09	0.05	-	-	-	-	-
PPP2R5A	rs968531	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs351413	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs17042034	G/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2236597	C/T	Promoter	Y	100	100	0.17	0.17	0.54	1.00	0.98	0.86	0.87	
PRCC	rs11264542	C/T	CDS	Y	96	96	0.10	0.12	0.71	0.42	0.25	0.43	0.21	
PRDM16	None	-	-	-	-	-	-	-	-	-	-	-	-	-
PRDX2	rs8104763	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs8107906	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
PRDX4	rs475171	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3795220	A/G	Promoter	Y	100	100	0.43	0.39	0.00	-	-	-	-	-
	rs525497	C/G	Promoter	Y	100	100	0.46	0.48	0.00	-	-	-	-	-
PRG4	rs2273779	A/G	CDS	Y	100	100	0.12	0.13	0.26	0.84	0.48	0.82	0.72	
PRL	rs849877	A/G	Promoter	Y	100	100	0.25	0.27	0.65	0.58	0.90	0.31	0.61	
PRMT1	rs975484	C/G	Promoter	Y	100	100	0.19	0.20	0.58	0.88	0.79	0.86	0.77	
PRODH	rs9604911	G/T	Promoter	Y	100	100	0.28	0.29	0.92	0.80	0.57	0.64	0.54	
	rs4819756	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs2008720	T/G	CDS	N	-	-	-	-	-	-	-	-	-	-
PRSS15	None	-	-	-	-	-	-	-	-	-	-	-	-	-
PSIP1	rs2277191	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
PSMA1	rs1403247	G/T	5'UTR	Y	100	100	0.38	0.38	0.08	0.08	0.31	0.10	0.91	
PTGIS	rs5582	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
PTPRN	rs35314717	A/C	CDS	Y	98	99	0.00	0.00	-	-	-	-	-	-
	rs7591986	A/C	IVS	Y	0	0	-	-	-	-	-	-	-	-
RAB5A	rs35094497	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs6803052	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1133328	A/C	Promoter	Y	100	100	0.14	0.15	0.68	0.34	0.47	0.25	0.43	
	rs17181400	C/G	IVS	Y	100	100	0.11	0.11	0.86	0.74	0.58	0.72	0.69	
RALBP1	rs1813100	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs1049553	C/T	Promoter	Y	98	96	0.03	0.03	0.52	-	-	-	-	-
	rs2277709	C/T	Promoter	Y	99	97	0.10	0.08	0.68	0.20	0.46	0.12	0.19	
RANBP17	rs7722978	A/T	Promoter	Y	100	100	0.20	0.21	0.48	0.83	0.75	0.71	0.84	
RAP1A	rs1359414	C/T	Promoter	Y	87	79	0.16	0.16	0.60	-	-	-	-	-
	rs563083	C/T	3'UTR	Y	99	100	0.25	0.24	0.96	0.08	0.09	0.29	0.30	
RAP1GDS1	rs501110	C/G	Promoter	Y	99	99	0.32	0.31	0.60	0.93	0.86	0.69	0.70	
RARG	rs7487904	G/C	5'UTR	N	-	-	-	-	-	-	-	-	-	-
RASGRF1	rs11635204	C/G	IVS	Y	100	100	0.27	0.29	0.13	0.04	0.19	0.12	0.51	
	rs7166032	A/G	IVS	Y	99	100	0.47	0.45	0.25	0.46	0.53	0.23	0.25	
	rs7166598	C/T	IVS	Y	100	100	0.15	0.16	0.13	0.66	0.94	0.51	0.56	
	rs2304991	C/T	IVS	Y	100	100	0.40	0.42	0.99	0.57	0.36	0.88	0.48	
	rs16970460	G/T	IVS	Y	99	97	0.04	0.03	0.38	-	-	-	-	-

	rs2016133	G/T	IVS	Y	100	100	0.49	0.46	0.29	0.41	0.39	0.26	0.23
	rs11632649	A/G	IVS	Y	100	100	0.21	0.22	0.66	0.69	0.44	0.92	0.49
	rs12101606	A/G	IVS	Y	100	99	0.30	0.30	0.03	-	-	-	-
	rs4778603	A/T	IVS	Y	100	100	0.43	0.45	0.11	0.53	0.49	0.35	0.33
	rs2304993	C/T	IVS	Y	100	100	0.13	0.12	0.36	0.73	0.77	0.49	0.93
	rs12443101	A/C	IVS	Y	100	100	0.33	0.33	0.50	0.79	0.76	0.52	0.95
	rs3825929	A/T	IVS	Y	100	100	0.33	0.33	0.74	0.71	0.50	0.89	0.83
	rs3816282	C/T	IVS	Y	100	100	0.18	0.21	0.74	0.19	0.43	0.06	0.06
	rs11629560	C/T	IVS	Y	92	91	0.17	0.16	0.34	-	-	-	-
	rs930538	A/G	IVS	Y	99	99	0.23	0.22	0.49	0.96	0.88	0.85	0.84
	rs13379704	T/C	IVS	Y	100	100	0.06	0.07	0.91	0.05	0.03	0.36	0.07
	rs11629697	A/G	IVS	Y	100	100	0.30	0.29	0.02	-	-	-	-
	rs12911829	C/T	IVS	Y	92	95	0.37	0.39	0.00	-	-	-	-
	rs3743195	A/G	IVS	Y	100	99	0.16	0.16	0.98	0.92	0.75	0.91	0.84
	rs4778861	C/T	IVS	Y	100	100	0.10	0.09	0.28	0.89	0.93	0.72	0.72
	rs2044227	C/G	IVS	Y	0	0	-	-	-	-	-	-	-
	rs12903619	C/T	IVS	Y	100	100	0.37	0.37	0.85	0.99	0.97	0.91	0.95
	rs7183818	C/T	IVS	Y	85	94	0.45	0.47	0.00	-	-	-	-
	rs12440502	G/T	IVS	Y	99	100	0.40	0.39	0.29	0.18	0.13	0.63	0.64
	rs12900613	C/G	IVS	Y	96	90	0.19	0.20	0.91	-	-	-	-
	rs12914792	C/T	IVS	Y	100	100	0.09	0.08	0.39	0.93	0.81	0.81	0.78
	rs16970374	A/G	IVS	Y	100	100	0.11	0.10	0.43	0.37	0.19	0.67	0.47
	rs16970495	A/G	IVS	Y	99	97	0.42	0.41	0.53	0.59	0.96	0.35	0.54
	rs2304992	A/G	IVS	Y	100	100	0.22	0.24	0.32	0.62	0.54	0.44	0.39
	rs6495361	A/C	Promoter	Y	96	97	0.15	0.15	0.51	0.26	0.58	0.31	0.87
	rs7169735	C/T	IVS	Y	88	87	0.36	0.36	0.40	-	-	-	-
	rs7174399	A/G	IVS	Y	97	99	0.29	0.27	0.13	0.24	0.67	0.10	0.23
	rs7183127	A/G	IVS	Y	100	100	0.41	0.40	0.41	0.84	0.63	0.81	0.65
	rs8030257	G/A	IVS	Y	100	100	0.23	0.26	0.27	0.18	0.43	0.05	0.05
	rs987057	A/G	IVS	Y	85	86	0.23	0.20	0.74	-	-	-	-
	rs2230518	C/T	IVS	Y	100	100	0.23	0.22	0.36	0.94	0.74	0.74	0.69
	rs744060	A/G	IVS	N	-	-	-	-	-	-	-	-	-
	rs8025226	C/T	IVS	N	-	-	-	-	-	-	-	-	-
	rs997285	C/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs4238514	G/A	IVS	N	-	-	-	-	-	-	-	-	-
	rs12148343	C/T	IVS	N	-	-	-	-	-	-	-	-	-
	rs17245773	A/G	IVS	N	-	-	-	-	-	-	-	-	-
	rs8039661	C/T	IVS	N	-	-	-	-	-	-	-	-	-
RBBP4	rs704874	G/T	Promoter	N	-	-	-	-	-	-	-	-	-
RBM15	rs3806456	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs12022711	C/T	Promoter	Y	90	97	0.31	0.28	0.64	-	-	-	-
	rs2030013	C/G	Promoter	Y	99	100	0.28	0.26	0.92	0.45	0.21	0.84	0.27

RECQL4	rs4244613	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs35842750	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
RELB	rs34300722	A/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
RET	rs1799939	A/G	CDS	N	-	-	-	-	-	-	-	-	-	-
RFC2	rs3135712	A/G	3'UTR	Y	100	100	0.09	0.07	0.65	0.22	0.61	0.10	0.10	
RGS19	rs6011280	C/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs8121509	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs6010716	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
RHOD	None	-	-	-	-	-	-	-	-	-	-	-	-	-
RHOH	rs13142049	C/T	5'UTR	Y	100	100	0.14	0.15	0.29	0.22	0.22	0.42	0.72	
	rs1996555	A/G	Promoter	Y	100	100	0.15	0.13	0.16	0.21	0.08	0.54	0.30	
	rs2276894	C/G	5'UTR	Y	100	100	0.08	0.11	0.43	0.03	0.01	0.45	0.01	
	rs3796523	C/G	Promoter	Y	100	99	0.24	0.23	0.12	0.49	0.71	0.23	0.45	
	rs1053504	A/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs2245466	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
ROS1	rs529038	T/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs619203	G/C	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs529156	T/G	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs1998206	A/C	CDS	Y	100	99	0.12	0.15	0.21	0.003	0.005	0.44	0.02	
	rs2243380	A/G	CDS	Y	100	100	0.05	0.05	0.69	-	-	-	-	
	rs35841892	A/G	CDS	Y	97	95	0.00	0.00	0.97	-	-	-	-	
RPN1	None	-	-	-	-	-	-	-	-	-	-	-	-	-
RPN2	rs28372682	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
RRM1	rs11030918	C/T	Promoter	Y	98	99	0.24	0.24	0.69	0.81	0.55	0.74	0.97	
	rs1465952	T/C	Promoter	Y	100	99	0.07	0.08	0.31	0.04	0.04	0.21	0.11	
	rs1662162	A/G	Promoter	Y	100	100	0.25	0.25	0.56	0.56	0.38	0.95	0.69	
RRM2	None	-	-	-	-	-	-	-	-	-	-	-	-	-
RUNX1	rs743289	C/A	IVS	N	-	-	-	-	-	-	-	-	-	-
RUVBL1	rs1057156	C/T	3'UTR	Y	85	88	0.09	0.10	0.11	-	-	-	-	
S100A8	rs11205281	C/T	Promoter	Y	99	99	0.09	0.10	0.06	0.13	0.81	0.07	0.79	
S100A9	rs11205276	C/G	Promoter	Y	99	99	0.14	0.15	0.44	0.17	0.33	0.25	0.47	
S100G	rs5980310	C/T	Promoter	Y	99	100	0.28	0.29	0.00	-	-	-	-	
SAT2	rs13894	C/T	CDS	Y	99	99	0.03	0.03	0.46	-	-	-	-	
SBDS	rs4718438	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3204901	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-	-
SELENBP1	rs3811408	C/T	Promoter	Y	98	98	0.10	0.09	0.80	0.42	0.62	0.12	0.12	
SEMA3C	rs1527482	A/G	CDS	Y	99	99	0.05	0.05	0.62	0.22	0.21	0.87	0.89	
	rs2057880	A/C	Promoter	Y	0	0	-	-	-	-	-	-	-	
SEPP1	rs7579	A/G	IVS	Y	99	100	0.31	0.30	0.59	0.06	0.21	0.12	0.49	
	rs28919882	C/T	Promoter	Y	0	0	-	-	-	-	-	-	-	
SEPT6	rs4825664	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs17261138	A/C	5'UTR	Y	95	93	0.36	0.36	0.00	-	-	-	-	

	rs1050239	A/G	CDS	Y	99	100	0.15	0.17	0.72	0.61	0.55	0.35	0.32
SMYD3	rs6673291	A/G	Promoter	Y	100	100	0.39	0.39	0.18	0.57	0.70	0.35	0.65
	rs8025	G/A	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs6702358	C/A	IVS	N	-	-	-	-	-	-	-	-	-
SNRPB2	rs2073055	A/C	5'UTR	Y	88	84	0.33	0.31	0.00	-	-	-	-
	rs3761298	C/T	Promoter	Y	99	98	0.25	0.28	0.87	0.38	0.14	0.49	0.14
SOCS1	rs7187133	C/T	Promoter	N	-	-	-	-	-	-	-	-	-
	rs33977706	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs35053580	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs243330	A/G	Promoter	Y	94	94	0.20	0.20	0.96	-	-	-	-
SOCS3	rs8064821	C/A	Promoter	N	-	-	-	-	-	-	-	-	-
SOD1	rs17881274	C/T	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-
SOD2	rs5746090	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs5746091	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs5746092	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-
SOX17	rs12234941	G/T	Promoter	Y	96	97	0.37	0.36	0.97	0.75	0.87	0.50	0.57
SPECC1	rs11868429	C/T	IVS	Y	100	100	0.11	0.09	0.20	0.43	0.15	0.74	0.16
SPINK5	rs2303070	A/C	CDS	Y	100	100	0.29	0.31	0.01	-	-	-	-
	rs3756688	C/T	Promoter	Y	92	94	0.08	0.06	0.47	-	-	-	-
	rs6892205	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs2303063	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs17775319	A/G	CDS	N	-	-	-	-	-	-	-	-	-
SPINT2	rs17526161	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
	rs7253245	G/T	Promoter	Y	94	96	0.35	0.35	0.41	-	-	-	-
SPRY2	rs700397	A/C	3'UTR	N	-	-	-	-	-	-	-	-	-
	rs11911	G/T	3'UTR	Y	99	98	0.43	0.43	0.31	1.00	1.00	0.93	0.96
SRD5A1	None	-	-	-	-	-	-	-	-	-	-	-	-
SRPX	rs35318931	C/T	CDS	Y	100	100	0.00	0.00	-	-	-	-	-
SS18	rs994729	A/G	Promoter	Y	100	100	0.00	0.00	-	-	-	-	-
SS18L1	rs3746651	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-
SST	rs4988514	C/T	3'UTR	Y	100	100	0.04	0.04	0.85	-	-	-	-
	rs7624906	C/T	Promoter	Y	100	100	0.03	0.04	0.30	-	-	-	-
ST20	rs12439318	G/C	IVS	N	-	-	-	-	-	-	-	-	-
STAT2	rs11575217	G/T	Promoter	Y	100	99	0.00	0.00	-	-	-	-	-
	rs11575229	A/G	IVS	Y	99	97	0.04	0.03	0.45	-	-	-	-
	rs2066807	C/G	CDS	Y	100	100	0.05	0.03	0.43	-	-	-	-
	rs4996382	A/G	Promoter	Y	0	0	-	-	-	-	-	-	-
STAT5B	rs4029774	G/A	Promoter	N	-	-	-	-	-	-	-	-	-
STC1	rs2936	A/G	3'UTR	Y	99	100	0.13	0.12	0.68	0.62	0.37	0.35	0.28
STIL	rs3125630	A/G	CDS	N	-	-	-	-	-	-	-	-	-
	rs3125632	A/G	Promoter	N	-	-	-	-	-	-	-	-	-
SULT1A1	rs1042157	C/T	3'UTR	Y	97	97	0.23	0.20	0.00	-	-	-	-

	rs3763869	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3763872	G/A	Promoter	Y	100	100	0.23	0.23	0.95	0.35	0.17	0.74	0.83	
WHSC1L1	rs12678205	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
WNT10B	rs833840	C/G	Promoter	Y	90	95	0.47	0.49	0.71	-	-	-	-	-
WNT2B	None	-	-	-	-	-	-	-	-	-	-	-	-	-
WNT5A	rs506611	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
WNT8B	rs3793772	A/G	5'UTR	Y	100	100	0.14	0.18	0.15	0.03	0.01	0.19	0.01	
	rs4919465	C/T	Promoter	Y	98	96	0.15	0.18	0.26	0.09	0.03	0.33	0.03	
WRN	rs7017069	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs11574158	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1346044	C/T	CDS	N	-	-	-	-	-	-	-	-	-	-
	rs1801195	G/T	IVS	Y	100	99	0.39	0.38	0.86	0.80	0.56	0.69	0.56	
	rs7016874	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
	rs2725362	G/A	CDS	N	-	-	-	-	-	-	-	-	-	-
XDH	rs34929837	A/T	CDS	Y	93	95	0.00	0.00	-	-	-	-	-	-
	rs206812	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
YES1	rs9945303	A/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs4121508	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs7233932	C/G	Promoter	Y	88	84	0.34	0.38	0.36	-	-	-	-	-
	rs9945495	A/T	Promoter	Y	100	100	0.11	0.10	0.62	0.84	0.65	0.78	0.63	
YWHAB	rs3208334	A/G	3'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs6876	C/T	3'UTR	Y	100	100	0.00	0.00	-	-	-	-	-	-
YWHAZ	rs2290291	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
ZFAND6	rs939975	G/A	IVS	N	-	-	-	-	-	-	-	-	-	-
ZMYND8	rs2275801	A/G	CDS	Y	100	99	0.21	0.21	0.01	-	-	-	-	-
	rs3827047	G/T	CDS	Y	100	100	0.07	0.08	0.14	0.85	0.57	0.97	0.58	
ZNF10	rs11147253	C/T	IVS	N	-	-	-	-	-	-	-	-	-	-
ZNF278	rs2269488	G/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs4974694	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs3762830	C/G	Promoter	Y	100	100	0.21	0.17	0.31	0.10	0.08	0.09	0.04	
ZNF331	rs2708783	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1284518	C/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs12978451	A/C	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs8100455	C/G	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs11084261	C/T	5'UTR	N	-	-	-	-	-	-	-	-	-	-
	rs8100247	G/A	5'UTR	N	-	-	-	-	-	-	-	-	-	-
ZNF9	rs17207135	C/T	Promoter	Y	97	97	0.17	0.15	0.02	-	-	-	-	-
	rs1005126	C/G	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs9468370	C/T	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs1005127	G/A	Promoter	N	-	-	-	-	-	-	-	-	-	-
	rs4357130	G/T	Promoter	N	-	-	-	-	-	-	-	-	-	-

Abbreviations: ID no, identification number; SNP, Single nucleotide polymorphisms; CR, call rate; MAF, minor allele frequency; HWE, Hardy-Weinberg equilibrium

^aTwo-sided χ^2 test for genotype distributions between the cases and controls.

^bOdds ratios (ORs), 95% confidence intervals (CIs) and P-values were calculated by unconditional logistic regression analysis, adjusted for age, sex, and smoking status.

^cNone : no functional SNP