Supplemental Table 1. Primer sequences and assay methods. Sequence information is provided for all SNPs that were not genotyped as AB TaqMan Pre-Designed SNP Genotyping Assays.

Gene	Assay ID	SNP ID	Assay Type	Forward Primer	Reverse Primer
AGT	hCV1985481	rs699	AB Custom	AGTGGACGTAGGTGTTGAAAGC	GCTGTGACAGGATGGAAGACT
CCL5	hCV15874396	rs2280788	AB Custom	CTCAGGCTGGCCCTTTATAGG	TGCTATTTTGGAAACTCCCCTTAGG
CCR5	rs1799987	rs1799987	AB Custom	GGGTGGTGAGCATCTGTGT	GCCAACTTAAACCAACTTTAAATGTAGAGG
COL4A2	rs4773154	rs4773154	AB Custom	TGCTCATGCGTGTACACACA	CCCCAGAGGCAGGTATAGTCTTTT
CYBA	hCV7516913	rs1049255	AB Custom	GCTCCCGGCTTCGCT	CCGACGAGGTCGTGTGA
GFPT2	hCV15758474	rs2303007	AB Custom	TGGCTCCTCCTACCTTGGT	GCGGCGTCCACATCAAC
IL1B	hCV9546517	rs1143634	AB Custom	CCTAAACAACATGTGCTCCACATT	ATCGTGCACATAAGCCTCGTTA
LAMC1	hCV3127512	rs7410919	AB Custom	TTCCTGCCTTAGCCTGCAATT	GCTGCTCTGCTGCTTCATG
LAMC1	hCV3127518	rs20557	AB Custom	GCCAGTGCAGTGACAACATC	CCCGTCAAGCGATTGCAATTTC
LAMC1	hCV3127531	rs2296288	AB Custom	GGCCCTGGATTCCTTACCA	GCGGTTTGCCTTGGAGTAG
LAMC1	hCV3127469	rs3818419	AB Custom	GCCAAGAACAAGGCCCATGA	AGGAAACGCACACCTTTTGGA
LAMC1	hCV11632431	rs7556132	AB Custom	TGAATAGGCCATGCTCTTGTGATC	CGACATTGTCTTTGCAAACACATCT
LPL	hCV12104266	rs285	AB Custom	GGTTTTGCTTAATTCTCAATTCAATGTCTCT	CAAAAACAGAAGAACAACAACAAAACCC
LPL	h1843003	rs320	AB Custom	CACCCATGTGTACCCATAAAATGAATT	AGCACACTATAGTTTGCAAAATCCCA
PRKCB1	hCV27475914	rs3760106	AB Custom	CCCCCTTCATCCACCACTAC	GGCCTGACTACAAAGCATCCT
SLC12A3	hCV9609063	rs11643718	AB Custom	CATCCTCCCTGACATCAACCA	GAAGCCCCAAAACAGAACTTACTG
TGFB1	hCV22272997	rs1982073	AB Custom	AGGCGTCAGCACCAGTAG	CGCGCTCTCGGCAGT
USF1	rs2073658	rs2073658	AB Custom	GGTGGCCAGAGTAAGAAGACAAAAT	CCTCGGCCTCCCAAAGTG
Gene	**Assay ID**	**SNP ID**	**Assay Type**	**Forward Primer**	**Reverse Primer**
TAZ	rs1344816fp	rs1344816	FP	GGTTAGGCTAGCTTCTCCTC	TTCCTCTGAAGCCTAAGTTG
AGTR1	rs1492103fp	rs1492103	FP	GGAGAGGAGCTGTAGAAAATC	TGTGTGTGTATCATCCATCC
AGTR1	rs5182fp	rs5182	FP	TCGATACCTGGCTATTGTTC	CTTCTTTAGGGCCTTCCAA
AGTR1	rs5186fp	rs5186	FP	ATGTAAGCTCATCCACCAAG	CAGCCGTCATCTGTCTAATG
AGTR1 region	rs427832fp	rs427832	FP	GAAAGCAGCTGGTGTTACTC	TTCCTCCTACCATCCACTTA
Gene	**Assay ID**	**SNP ID**	**Assay Type**	**Forward Primer**	**Reverse Primer**	**Restriction Site**
ADRB3	rs4994	rs4994	RFLP	CCAATACCGCCAACACCAG	AGGAGTCCCATCACCAGGTC	Mva I
AKR1B1	rs759853	rs759853	RFLP	AGGACCAGGCGGAAGAAG	ACCCAACCCCAGGATGG	Mae I
ENPP1/PC-1	rs1044498	rs1044498	RFLP	GCAATTCTGTGTTCACTTTGGA	CCTATGTAAAGCCCCGCTAA	Ava II
GLUT1/SLC2A1	rs841853	rs841853	RFLP	TGTGCAACCCATGAGCTAA	CCTGGTCTCATCTGGATTCT	Xba I
IL1A	rs1800587	rs1800587	RFLP	AAGCTTGTTCTACCACCTGAACTAGGC	TTACATATGAGCCTTCCATG	Nco I
IL1R1	rs2234650	rs2234650	RFLP	TTGGAGGATGGCCCATGAAGACC	CTGTTACGCGCCCGGATGAAAAA	Pst I
IL1RN	IL1RN-VNTR		VNTR	CTCAGCAACACTCCTAT	TCCTGGTCTGCAGGTAA	
MTHFR	rs1801133	rs1801133	RFLP	GCCAGCCTCTCCTGACTGT	TGGGAAGAACTCAGCGAACT	Hinf I
NPPA	rs5065	rs5065	RFLP	GGCACACTCATACATGAAGCTGACTTTT	GCAGTCTGTCCCTAGGCCCA	Sca I

GENE	Assay ID	Assay Type	Forward Primer	Reverse Primer	Product size (bp)
AGT	D1S103	STRP	**TET**-TAGATCTCTCAGCTATTACAAGG	GTTTCAGAGAAACTGACCTGTGG	112-130
AGTR1	ATCA	STRP	**FAM**-GTATTCCATGTGAAACAGCT	AGGAGAAATGTTCCAAGGGAC	130-150
AGTR1 region	D3S1308	STRP	**FAM**-CCT AGT CAG TCC AAG GAA CTT	TGA TTT TAG GCA GCA GTG AA	102-114
AQP1	D7S526	STRP	**HEX**-AACAAGGGCTTCTGCTGAG	CCATCTTGGTGTGAGGGC	111-140
ARK1B1	AKR1B1-STRP	STRP	**(P33)**-GAATCTTAACATGCTCTGAACC	GCCCAGCCCTATACCTAGTGT	132-148
COL4A1	afm073we5	STRP	**TET**-GACTCCTGGCATCTAAAGTT	CCCATGTAATCCTGTCTTCCTTGTT	171-190
COL4A3	COL4A3-STRP1	STRP	AGGCAGCAAGAAAGGTGAAC	**TET**-CTCTTTCTTTGTTTTTTGCTCCTC	118-154
D7S500	D7S500	STRP	**HEX**-CCA GAA TTG AAA ACT CAG CA	ATT GAT TGA GGA ACT GAA CTT ACC T	185-212
ECE-1	D1S478	STRP	**HEX**-AATGCCCAATACCCCAGTACC	TCTGCTGAGTATGGAGTGCGTGT	109-135
EDN2v2	EDN2-STRP1	STRP	**TET**-CTGCGTGCTGAGTCTACCTG	ATAGCTAAGCTGCCCCCATC	256-261
EDNRA	EDNRA-STRP1	STRP	**FAM**-TAGTCACCGAATTGCTGCTG	TTCCTTCTGCCTTGCATTTT	228-242
EDNRB	D13S1281	STRP	**FAM**-CAAATCTGAACCTCTTACCTC	GTCTAGAGTGAGTAAGTTGG	206-224
EGF	D4S2623	STRP	**HEX**-GGCACACCTGCAACTAAATTC	GCCAGATACATGGCTAAGGA	221-258
GLUT2	GLUT2-STRP1	STRP	**FAM**-TCC GTC AGC AGC TAT TCT AG	CAA ATA GTC CTC ATG CAG AA	168-222
HSPG1	D8S1018	STRP	**HEX**-GCACTCTCAATTCTGTTCCT	CTGCGGCTCTTTGTACCC	311-325
HSPG2	HSPG2-STRP1	STRP	**TET**-GCCTCCTAGAGGTATAAGCTAAA	GGAATTCCCATGTAGGGTGA	160-176
IGF1	MFD1	STRP	**FAM-**AAC CCT CAA GAG GGT ATT GC	ACC ACT CTG GGA GAA GGG TA	193-218
IGF1R	AFMA305YE1	STRP	**HEX**-GGATATATATGCTGTCTACC	TTATTAACTGTCTTCAAGTGGG	157-172
IL1A	MFD68A	STRP	CACCATAGGTGGGGACCTAACT	**HEX**-TCACTGGTGAAGAGAAGAACC	143-162
ITGA3	ITGA3-STRP1	STRP	ACCTTCATCGAGGTCAGTG	**FAM**-GAGGTGGGACAGTAATGGAC	233-252
LAMA4	LAMA4-STRP1	STRP	**TET**-TTGGATGCTCACGGTCTAGTG	GTGGAGTCACTCTTGATTGCTG	103-136
LAMB1	D7S3074	STRP	GTTCACATGGTCCCACCTTGG	**FAM**-TCACACCCTGGGGTAAAGTTTG	122-147
LAMC1	LAMC1-STRP1	STRP	**TET**-GTGCTTTATTTCCTGTGCAG	GAAGTGTTTATGGGTTATGGG	213-233
MMP9	D20S838	STRP	**FAM**-TCTCATGCTGGTGCTGC	GAGGCGCTCCTGTGAC	103-127
NPHS1	D19S610	STRP	**HEX-**CTCCAAGGACTCGGGAATTT	TGGAAATCAGACCGTGAACA	149-175
PDGFB	PDGFB-STRP1	STRP	**HEX**-GAGCTCAGAGGTGAATTTGC	GTTGGTCATCACAGTGATGG	104-121
PRKCB	D16S420	STRP	**FAM**-ATTTCCTGAGGTCTAAAGCACCC	TTAGGCCCAGTCCAfCACTCAAG	178-200
SLC9A1	SLC9A1-STRP1	STRP	GGATGGGAGAAGTGTTTTTC	**FAM**-CCTCCATCAATTGGAAGTTTG	130-152
TGFBR3	D1S1588	STRP	**FAM**-CTGGTCCCATAGCTAGTAAACG	ATGAGGTCCCCATTTACCAT	117-142
TIMP-3	D22S280	STRP	**HEX**-GCTCCAGCCTATCAGGATG	GATTCCAGATCACAAAACTGGT	206-222
VEGF	VEGF-STRP1	STRP	**TET-**GGCAGGATACAAACCTGGTG	ATTGGCACTGGACCAAAGAG	188-194

Supplemental Table 2. Results from TDT analysis for SNPs and STRPs tested in 115 candidate genes.

DN CANDIDATE GENE	Gene Symbol	AssayID	dbSNP	Location	Alleles		T*	not T	total T	%T	χ^2	p	marker location (UCSC hg17)	gene size (kb)
angiotensin I converting enzyme	ACE	hCV1247701	rs4293	intron	A/G	A	39	33	72	0.54	0.5		chr17:58909398	20.5
		hCV1247713	rs4329	intron	A/G	A	37	32	69	0.54	0.4		chr17:58917190	
		ACEin/del		intron16-287bp in/del		del	38	31	69	0.55	0.7		chr17:58919489-58919765	
		hCV1247681	rs4267385	intron	C/T	C	31	30	61	0.51	0		chr17:58937488	
activin A receptor, type II	ACVR2	hCV11175435	rs1895694	intron	T/C	C	33	27	60	0.55	0.6		chr2:148453478	82.9
		hCV7608216	rs1424941	intron	C/T	C	23	20	43	0.53	0.2		chr2:148476850	
		hCV3144660	rs12987286	intron	G/T	T	31	28	59	0.53	0.2		chr2:148497300	
		hCV11175391	rs3768688	intron	G/A	A	33	27	60	0.55	0.6		chr2:148504833	
		hCV3144652	rs2303392	intron	C/G	C	30	25	55	0.55	0.5		chr2:148514159	
angiotensinogen	AGT	D1S103		1.3 kb 3'		120 bp	27	23	50	0.54	0.3		chr1:227143598-227143723	11.6
		hCV1985481	rs699	Met(T)235Thr(C)	T/C	T	36	33	69	0.52	0.1		chr1:227152529	
AGTR1 (angiotensin II receptor, type 1)-D3S1308 region	AGTR1	rs1492103	rs1492103	intron	C/T	C	30	30	60	0.5	0		chr3:149915662	45.1
		rs5182	rs5182	Leu191Leu	C/T	C	32	26	58	0.55	0.6		chr3:149942093	
		rs5186	rs5186	A1166C in 3' UTR	A/C	C	29	19	48	0.6	2.1		chr3:149942686	
	intergenic	rs427832	rs427832	intergenic	C/T	C	23	20	43	0.53	0.2		chr3:149949061	
	intergenic	ATCA		9.3kb 5' of AGTR1		139 bp	38	34	72	0.53	0.2		chr3:149952723-149952854	
	CPA3	hCV9146233	rs1845413	intron	G/A	A	28	23	51	0.55	0.5		chr3:150074106	31.8
	SMARCA3	hCV8759101	rs812249	Thr(A)303Thr(G)	C/T	C	23	21	44	0.52	0.1		chr3:150268806	56.4
	HPS3	hCV1732626	rs6440589	Gln(A)498Gln(G)	G/A	A	31	19	50	0.62	2.9		chr3:150355685	43.9
	intergenic	D3S1308		573 kb 5' of AGTR1		106 bp	17	42	59	0.29	10.6	0.001	chr3:150516912-150517019	
						108 bp	47	25	72	0.65	6.7	0.010		
		hCV2041187	rs2293418	intergenic	A/G	A	43	28	71	0.61	3.2		chr3:150519833	
	LOC116441	hCV8759413	rs1526786	intron	T/C	T	28	21	49	0.57	1		chr3:150533623	12.6
	intergenic	hCV3201872	rs10935749	intergenic	G/A	A	22	20	42	0.52	0.1		chr3:150,582,273	
	TM4SF4	hCV265602	rs11920457	intron	G/A	A	35	25	60	0.58	1.7		chr3:150682567	
	TAZ	hCV2726141	rs9858354	intron	T/G	G	27	19	46	0.59	1.4		chr3:150732427	137.8
		rs1344816	rs1344816	intron	T/G	G	31	21	52	0.6	1.9		chr3:150785000	
		hCV9148272	rs6807742	intron	A/T	A	24	24	48	0.5	0		chr3:150858118	
	intergenic	hCV1794446	rs1002896	intergenic	A/G	G	27	23	50	0.54	0.3		chr3:150932644	
aldose reductase	AKR1B1	rs759853	rs759853	C-106T in 5'UTR	C/T	C	24	24	48	0.5	0		chr7:133601213	16.8
		AKR1B1-STRP		1.9 kb 5'		Z-2	27	22	49	0.55	0.5		chr7:133603077-133603216	
						Z	27	28	55	0.49	0			
						Z+2	8	15	23	0.35	2.1			
angiogenin, ribonuclease, RNase	ANG	hCV2742351	N/A	intron	C/T	C	30	24	54	0.56	0.7		chr14:20229106	9.6

apolipoprotein C2	APOC2	hCV7837381	rs5120	intron	T/A	T	32	26	58	0.55	0.6		chr19:50143460	3.6
		hCV7837357	rs892101	intergenic	G/A	G	29	26	55	0.53	0.2		chr19:50147298	
apolipoprotein C4	APOC4	hCV1841831	rs1132899	Leu(T)36Pro(C)	T/C	T	29	27	56	0.52	0.1		chr19:50139876	3.3
apolipoprotein E	APOE	APOE-RFLP	rs429358	Arg(C)112Cys(T)		ε2	12	2	14	0.86	7.1	0.008	chr19:50103781	3.6
			rs7412	Arg(C)158Cys(T)		ε3	20	30	50	0.4	2		chr19:50103919	
						ε4	19	19	38	0.5	0			
aquaporin 1	AQP1	hCV2973378	rs763422	5.1 kb 5'	T/C	T	33	31	64	0.52	0.1		chr7:30719606	13.7
		D7S526		2.6 kb 5'		125 bp	38	21	59	0.64	4.9	0.027	chr7:30721972-30722103	
		hCV2973385	rs1049305	3'UTR	G/C	G	27	24	51	0.53	0.2		chr7:30737062	
AXL receptor tyrosine kinase	AXL	hCV11707901	rs11882467	intron	G/T	G	29	27	56	0.52	0.1		chr19:46446057	42.8
		hCV25472343	rs2304234	intron	C/T	T	34	33	67	0.51	0		chr19:46440593	
		hCV2731868	rs8101017	0.9 kb 5'	G/T	T	33	22	55	0.6	2.2		chr19:46415727	
B-cell leukemia/lymphoma 2 (bcl-2)proto-oncogene	BCL2	hCV7905447	rs1564483	3'UTR	C/T	C	31	29	60	0.52	0.1		chr18:58945634	195.3
		hCV7905342	rs3943258	intron	T/C	T	36	30	66	0.55	0.5		chr18:58964616	
		hCV8685764	rs1481031	intron	C/T	C	39	19	58	0.67	6.9	0.009	chr18:59003065	
		hCV1408500	rs12457700	intron	C/T	C	36	16	52	0.69	7.7	0.006	chr18:59011226	
		hCV1408502	rs2062011	intron	A/T	T	42	17	59	0.71	10.6	0.001	chr18:59011226	
		hCV1408482	rs8083946	intron	G/A	G	40	27	67	0.6	2.5		chr18:59056901	
		hCV1728132	rs8084922	intron	G/C	G	46	31	77	0.6	2.9		chr18:59081501	
		hCV8687299	rs1381548	intron	G/A	G	33	25	58	0.57	1.1		chr18:59108376	
		hCV2855833	rs11152377	intron	C/T	C	32	27	59	0.54	0.4		chr18:59123426	
		hCV2855835	rs2551402	4.1 kb 5'	C/A	C	38	30	68	0.56	0.9		chr18:59141002	
bradykinin receptor B2	BDKRB2	hCV11469547	rs8008168	intron	A/G	A	29	28	57	0.51	0		chr14:95747466	39.6
		hCV7565899	rs1046248	Cys(T)14Arg(C)	C/T	C	13	6	19	0.68	2.6		chr14:95,773,237	
bone morphogenetic protein 2	BMP2	hCV2513503	rs235767	intron	G/T	G	46	32	78	0.59	2.5		chr20:6703598	10.6
bone morphogenetic protein 7	BMP7	hCV2090176	rs12479955	intron	A/G	A	34	28	62	0.55	0.6		chr20:55199645	95.7
		hCV2090207	rs230205	intron	A/G	A	40	35	75	0.53	0.3		chr20:55225163	
		hCV1364067	rs162316	intron	G/A	A	25	15	40	0.63	2.5		chr20:55242859	
		hCV1364089	rs1998190	intron	A/C	A	42	27	69	0.61	3.3		chr20:55256056	
caldesmon 1	CALD1	hCV2808728	rs3807337	5' UTR	A/G	G	32	28	60	0.53	0.3		chr7:133921077	191.3
		hCV348686	rs1452915	intron	A/C	C	33	26	59	0.56	0.8		chr7:133949547	
		hCV346465	rs1377297	intron	A/C	C	31	29	60	0.52	0.1		chr7:134003374	
		hCV308959	rs3823571	intron	C/T	T	36	28	64	0.56	1		chr7:134107799	
catalase	CAT	hCV1883211	rs1049982	5'UTR	C/T	C	43	21	64	0.67	7.6	0.006	chr11:34417117	33.1
		hCV3102895	rs560807	intron	A/T	A	44	27	71	0.62	4.1	0.044	chr11:34425215	
chemokine (C-C motif) ligand 2	CCL2	hCV11939405	rs4586	Cys(C)35Cys(T)	C/T	T	35	28	63	0.56	0.8		chr17:29607382	1.9
chemokine (C-C motif) receptor 5	CCR5	rs1799987	rs1799987	G59029A in 5'UTR	A/T	T	33	32	65	0.51	0.0		chr3:46386939	6.1

		hCV2284079	rs746492	3' UTR	T/G	G	31	30	61	0.51	0	chr3:46392316	
CD36 antigen	CD36	hCV12093946	rs1984112	intron	A/G	G	35	34	69	0.51	0	chr7:79887571	38.4
		hCV8314408	rs1049654	exon/5' UTR	A/C	A	41	28	69	0.59	2.4	chr7:79920106	
		hCV1803768	rs13230419	3.0 kb 3'	C/T	T	39	35	74	0.53	0.2	chr7:79953936	
Gremlin (gremlin 1 homolog, cysteine knot superfamily (Xenopus laevis)	GREM1	hCV180222	rs3743104	3UTR	G/A	G	35	34	69	0.51	0	chr15:30811277	16.6
collagen 1A1	COL1A1	hCV7477117	rs909102	3UTR	G/A	A	25	16	41	0.61	2	chr17:45616365	17.5
		hCV1840244	rs2075558	intron	A/C	A	33	26	59	0.56	0.8	chr17:45622584	
collagen 4A1	COL4A1	hCV1964948	rs1133219	Ala(T)1490Ala(C)	G/A	A	29	26	55	0.53	0.2	chr13:109611710	158.1
		hCV3147619	rs2305080	intron	T/C	C	43	30	73	0.59	2.3	chr13:109636704	
		afm073we5		intron		175 bp	30	36	66	0.45	0.5	chr13:109648396-109648570	
		hCV3147628	rs532625	Ala(A)144Ala(T)	A/T	A	33	25	58	0.57	1.1	chr13:109662226	
		hCV3147652	rs639562	intron	T/C	T	28	24	52	0.54	0.3	chr13:109681228	
		hCV3147669	rs614282	intron	T/C	C	40	17	57	0.7	9.3	0.002	chr13:109696871
		hCV3147671	rs679062	intron	C/T	T	43	15	58	0.74	13.5	0.000	chr13:109697350
		hCV3147675	rs9559749	intron	G/A	G	29	18	47	0.62	2.6	chr13:109698688	
		hCV3147696	rs627527	intron	G/A	A	44	29	73	0.6	3.1	chr13:109713136	
		hCV1433329	rs12431029	intron	C/T	C	34	27	61	0.56	0.8	chr13:109751849	
collagen 4A2	COL4A2	hCV1433319	rs12864206	intron	G/A	A	25	24	49	0.51	0	chr13:109763294	205.7
		rs4773154	rs4773154	intron	C/T	T	41	26	67	0.61	3.4	chr13:109767786	
		hCV1433253	rs913746	intron	A/C	A	34	34	68	0.5	0	chr13:109814125	
		hCV2018517	rs7338948	intron	A/G	G	40	35	75	0.53	0.3	chr13:109883312	
		hCV7454753	rs912947	intron	G/C	G	34	26	60	0.57	1.1	chr13:109946660	
collagen 4A3	COL4A3	hCV408687	rs1950135	intron	G/T	T	39	29	68	0.57	1.5	chr2:227888295	150.2
		COL4A3-STRP		intron		140 bp	23	24	47	0.49	0	chr2:227898950-227899087	
		hCV497868	rs11884740	intron	A/G	A	28	23	51	0.55	0.5	chr2:227919172	
		hCV381070	rs4603754	intron	C/T	C	35	31	66	0.53	0.2	chr2:227955593	
		hCV435102	rs7593299	intron	A/C	A	21	20	41	0.51	0	chr2:227979642	
collagen 4A4	COL4A4	hCV11523963	rs10933164	9.3 kb 3'	A/G	G	25	22	47	0.53	0.2	chr2:227686176	159.3
		hCV16171363	rs10187726	Val(G)1513Val(A)	C/T	C	32	28	60	0.53	0.3	chr2:227698500	
		hCV435282	rs2177596	intron	A/T	T	36	30	66	0.55	0.5	chr2:227715788	
		hCV388099	rs1320406	intron	G/A	A	32	29	61	0.52	0.1	chr2:227745979	
		hCV22274313	rs3736633	Ser(T)482Pro(G)	A/G	A	36	30	66	0.55	0.5	chr2:227780104	
		hCV72520	rs1882437	intron	T/G	G	31	27	58	0.53	0.3	chr2:227792528	
		hCV154148	rs13003785	intron	A/G	G	30	28	58	0.52	0.1	chr2:227821008	
connective tissue growth factor	CTGF	hCV1764942	rs9493150	1.5 kb 5'	G/C	G	29	26	55	0.53	0.2	chr6:132315684	3.1
cathepsin D	CTSD	hCV189639	rs1317356	intron	C/T	C	40	37	77	0.52	0.1	chr11:1735714	11.2
cathepsin L	CTSL	hCV2704846	rs2274611	intron	C/T	T	34	31	65	0.52	0.1	chr9:87572229	5.3

D7S500 (in CCR4-NOT transcription complex, subunit 4)	D7S500	D7S500		intron of CNOT4 gene		204 bp	14	26	40	0.35	3.6	chr7:134565983-134566188	
	CNOT4	hCV16283682	rs2718168	intron	G/C	C	34	33	67	0.51	0	chr7:134588604	148.3
		hCV2860477	rs1863005	intron	A/G	A	35	33	68	0.51	0.1	chr7:134510717	
		hCV2860407	rs4732127	intron	G/C	C	22	21	43	0.51	0	chr7:134648413	
endothelin converting enzyme 1	ECE1	hCV2221518	rs212526	intron	C/T	C	29	29	58	0.5	0	chr1:21330247	70.6
		D1S478		intron		128 bp	21	21	42	0.5	0	chr1:21345075-21345203	
		hCV2234019	rs213045	0.3 kb 5'	G/T	T	30	26	56	0.54	0.3	chr1:21362551	
endothelin 1	EDN1	hCV3107156	rs1626492	intron	A/G	G	23	20	43	0.53	0.2	chr6:12403489	6.1
endothelin-2	EDN2	STRP		intron		257 bp	22	31	53	0.42	1.5	chr1:41617809-41618064	5.8
endothelin-3	EDN3	hCV2506285	rs926632	intron	C/T	C	34	31	65	0.52	0.1	chr20:57318157	25.5
		hCV2506294	rs260743	1.8 kb 5'	C/T	C	31	30	61	0.51	0	chr20:57306280	
endothelin receptor-type A	EDNRA	hCV8869375	rs1801708	5'UTR	A/G	G	35	33	68	0.51	0.1	chr4:148759974	64
		EDNRA-STRP		intron		238 bp	25	28	53	0.47	0.2	chr4:148768764-148769001	
		hCV1736728	rs7655670	intron	C/T	C	29	29	58	0.5	0	chr4:148781443	
		hCV1736670	rs5333	His(C)323His(T)	C/T	C	32	28	60	0.53	0.3	chr4:148818642	
		hCV1736669	rs5334	Glu(A)335Glu(G)	A/G	A	32	29	61	0.52	0.1	chr4:148818678	
		hCV1736665	rs5342	3'UTR	A/G	A	33	30	63	0.52	0.1	chr4:148822376	
endothelin receptor-type B	EDNRB	D13S1281		6.7 kb 3'		209 bp	32	24	56	0.57	1.1	chr13:77360789-77361002	22.4
		hCV11706905	rs1924919	2.6 kb 3'	A/T	A	23	21	44	0.52	0.1	chr13:77364972	
		hCV1923554	rs7319342	intron	G/A	G	33	30	63	0.52	0.1	chr13:77421485	
epidemal growth factor	EGF	hCV8904301	rs881878	intron	G/A	A	23	23	46	0.5	0	chr4:111193652	99.4
		hCV335748	rs10029654	intron	A/G	A	24	23	47	0.51	0	chr4:111219531	
		hCV336634	rs2190907	intron	T/C	C	31	26	57	0.54	0.4	chr4:111243472	
		D4S2623		intron		225 bp	24	23	47	0.51	0	chr4:111247310-111247616	
		hCV15955612	rs2237051	Met(G)708Ile(A)	G/A	A	31	25	56	0.55	0.6	chr4:111258802	
ectonucleotide pyrophosphatase/ phosphodiesterase 1	ENPP1/PC-1	hCV7853208	rs943003	intron	C/T	T	32	31	63	0.51	0	chr6:132182705	83.2
		rs1044498	rs1044498	Lys(A)121Gln(C)-K121Q	A/C	C	14	13	27	0.52	0	chr6:132214061	-
fibulin 1	FBLN1	hCV2454340	rs136755	intron	G/A	A	39	35	74	0.53	0.2	chr22:44256887	98.3
		hCV11879747	rs1119	intron	C/G	C	41	35	76	0.54	0.5	chr22:44281821	
		hCV2482867	rs5764807	4.4 kb 3'	A/T	T	34	32	66	0.52	0.1	chr22:44321980	
fibrillin	FBN1	hCV2908746	rs1042078	3'UTR	A/G	G	27	20	47	0.57	1	chr15:46490165	234.9
		hCV1865677	rs755251	intron	A/G	G	26	19	45	0.58	1.1	chr15:46599312	
		hCV1865698	rs683282	intron	C/T	C	31	23	54	0.57	1.2	chr15:46635025	
		hCV3093295	rs1678978	intron	C/T	T	31	26	57	0.54	0.4	chr15:46663449	
		hCV3224829	rs1807301	intron	A/G	G	27	22	49	0.55	0.5	chr15:46697532	
fibronectin 1	FN1	hCV71462	rs3817500	Tyr(T)2265Tyr(C)	A/G	G	33	26	59	0.56	0.8	chr2:216055198	75.6
		hCV2110676	rs1250215	intron	C/G	C	36	30	66	0.55	0.5	chr2:216078545	

		hCV2110728	rs724617	intron	A/G	G	37	31	68	0.54	0.5		chr2:216107987	
v-fos FBJ murine osteosarcoma viral oncogene homolog	FOS	hCV3269911	rs1046117	Se(T)r84Ser(C)	C/T	C	33	29	62	0.53	0.3		chr14:74816443	3.4
growth arrest-specific 6	GAS6	hCV179552	rs9577924	intron	A/G	A	27	20	47	0.57	1		chr13:113568626	43.5
glutamine-fructose-6-phosphate transaminase 2	GFPT2	hCV1391323	rs7725	3'UTR	C/T	C	20	20	40	0.5	0		chr5:179660563	52.6
		rs2303007	rs2303007	Val(G)471Ile(A)	C/T	C	20	19	39	0.51	0		chr5:179673433	
growth hormone	GH1	hCV2955804	rs11079515	9.4 kb 5'	G/C	G	33	25	58	0.57	1.1		chr17:59359377	1.6
glucose transporter-1, solute carrier family 2, member 1	GLUT1/ SLC2A1	hCV16194495	rs4660238	Pro(C)196Pro(T)	C/T	T	28	21	49	0.57	1		chr1:42808929	33
		hCV1166174	rs3754219	intron	A/C	A	31	22	53	0.58	1.5		chr1:43068779	
		rs841853	rs841853	intron	T/G	T	26	20	46	0.57	0.8		chr1:43070531	
		hCV1166185	rs1385129	Ala(C)15Ala(T)	G/A	A	27	21	48	0.56	0.8		chr1:43078059	
glucose transporter-2, solute carrier family 2, member 2	GLUT2/ SLC2A2	hCV3023463	rs5398	Phe(C)479Phe(T)	A/G	A	25	24	49	0.51	0		chr3:172198532	30.6
		GLUT2-STRP		intron		182 bp	23	22	45	0.51	0		chr3:172219491-172219700	
glutathione peroxidase 1	GPX1	hCV7912052	rs1800668	5'UTR	A/G	G	29	14	43	0.67	5.2	0.022	chr3:49370761	1.2
Gremlin (gremlin 1 homolog, cysteine knot superfamily (Xenopus laevis)	GREM1/ CKTSF1B1	hCV180222	rs3743104	3UTR	G/A	G	35	34	69	0.51	0		chr15:30811277	16.6
transcription factor 2, hepatic	HNF1B1/ TCF2	hCV2559950	rs739753	2.2 kb 3'	T/A	T	24	16	40	0.6	1.6		chr17:33118390	58.6
		hCV11415601	rs2688	UTR 3	C/A	C	43	25	68	0.63	4.8	0.029	chr17:33121044	
		hCV2559930	rs2269843	intron	G/A	A	28	18	46	0.61	2.2		chr17:33133093	
		hCV2559920	rs2285740	intron	C/T	T	33	32	65	0.51	0		chr17:33142841	
		hCV2559889	rs4430796	intron	C/T	T	26	25	51	0.51	0		chr17:33172153	
hydroxy-delta-5-steroid dehydrogenase, 3 beta 1	HSD3B1	hCV1843459	rs3765945	intron	G/A	G	31	30	61	0.51	0		chr1:119763488	7.8
heparan sulfate proteoglycan 1 (syndecan 2)	HSPG1/ SDC2	hCV2087148	rs2439516	1.2 kb 5'	C/T	T	31	22	53	0.58	1.5		chr8:97573917	118.1
		D8S1018		intron		315 bp	25	37	62	0.4	2.3		chr8:97599065-97599385	
		hCV2087297	rs2582846	intron	A/T	T	24	22	46	0.52	0.1		chr8:97642858	
		hCV2087211	rs2651472	intron	G/T	G	34	29	63	0.54	0.4		chr8:97665849	
		hCV11331168	rs1042381	Thr(A)71Ser(T)	A/T	A	24	18	42	0.57	0.9		chr8:97683837	
heparan sulfate proteoglycan 2 (perlecan)	HSPG2	hCV3036142	rs6695528	1.1 kb 3'	A/G	A	34	21	55	0.62	3.1		chr1:21893470	115
		hCV15966517	rs2291827	His(C)3211Tyr(T)	A/G	A	20	12	32	0.63	2		chr1:21911293	
		hCV1603698	rs2305562	intron	A/G	A	37	32	69	0.54	0.4		chr1:21929045	
		HSPG2-STRP		intron		165 bp	21	20	41	0.51	0		chr1:21954096-21954263	
		hCV1603733	rs878949	intron	C/T	T	29	28	57	0.51	0		chr1:21972397	
		hCV205528	rs9426783	intron	C/T	T	23	18	41	0.56	0.6		chr1:21994363	
intercellular adhesion molecule 1	ICAM1	hCV944685	rs281432	intron	C/G	C	47	34	81	0.58	2.1		chr19:10251658	15.5
Insulin-like growth factor 1	IGF1	hCV2801121	rs2946834	1.9 kb 3'	A/G	A	24	22	46	0.52	0.1		chr12:101290281	84.6
		hCV2801103	rs972936	intron	T/C	C	28	28	56	0.5	0		chr12:101327388	

		hCV346219	rs10735380	intron	A/G	G	30	27	57	0.53	0.2		chr12:101346703	
		MFD1		0.7 kb 5'		209 bp	15	28	43	0.35	3.9	0.047	chr12:101377520-101377731	
insulin-like growth factor 1 receptor	IGF1R	hCV11527385	rs11247361	intron	C/G	C	30	27	57	0.53	0.2		chr15:97024915	308.7
		hCV1599413	rs7166348	intron	A/G	G	28	25	53	0.53	0.2		chr15:97065318	
		hCV1119260	rs8041224	intron	C/T	C	29	22	51	0.57	1		chr15:97115188	
		hCV15910812	rs2684761	intron	A/G	G	31	28	59	0.53	0.2		chr15:97181893	
		hCV1599489	rs1879612	intron	C/T	C	32	24	56	0.57	1.1		chr15:97216231	
		hCV11713576	rs11247379	intron	A/G	G	26	21	47	0.55	0.5		chr15:97247599	
		AFMA305YE1		intron		168 bp	28	27	55	0.51	0		chr15:97249147-97249302	
		hCV239822	rs4966044	intron	A/G	G	32	27	59	0.54	0.4		chr15:97283721	
		hCV1834836	rs2684799	intron	C/T	C	38	36	74	0.51	0.1		chr15:97299355	
interleukin-1A	IL1A	MFD68A		intron		148 bp	19	24	43	0.44	0.6		chr2:113251917-113252063	11.5
		hCV9546471	rs17561	Ser(T)114Ala(G)	A/C	C	31	26	57	0.54	0.4		chr2:113253454	
		rs1800587	rs1800587	C-889T in 5'UTR	C/T	C	21	18	39	0.54	0.2		chr2:113259191	
interleukin-1B	IL1B	hCV9546517	rs1143634	Phe(T)105Phe(C)	C/T	T	26	25	51	0.51	0		chr2:113306621	7
interleukin-1 receptor type 1	IL1R1	hCV1226688	rs13020778	intron	C/T	C	37	32	69	0.54	0.4		chr2:102243092	25.9
		rs2234650	rs2234650	12.1 kb 5'	C/T	T	25	23	48	0.52	0.1		chr2:102216845	
interleukin-1 receptor antoginist	IL1RN	hCV3133518	rs1794065	intron	G/A	A	32	19	51	0.63	3.3		chr2:113595964	16.1
		IL1RN-VNTR		intron		1	13	25	38	0.34	3.8		chr2:113604303-113604714	
						2	22	13	35	0.63	2.3			
						3	5	2	7	0.71	1.3			
		hCV948691	rs315951	3'UTR	C/G	C	23	19	42	0.55	0.4		chr2:113606817	
		hCV1939887	rs895495	8.2 kb 3'	G/A	G	31	22	53	0.58	1.5		chr2:113615989	
interleukin 10	IL10	hCV8828803	rs1518111	intron	C/T	T	27	26	53	0.51	0		chr1:203333040	4.9
integrin, alpha 1	ITGA1	hCV2840453	rs13188662	intron	A/G	A	30	26	56	0.54	0.3		chr5:52127404	165.3
		hCV2839032	rs2938793	intron	G/T	G	37	27	64	0.58	1.6		chr5:52167348	
		hCV1150586	rs16880453	intron	G/C	G	35	32	67	0.52	0.1		chr5:52231264	
		hCV1150569	rs2406370	intron	A/G	G	38	35	73	0.52	0.1		chr5:52254090	
		hCV1150525	rs1124141	3'UTR	A/G	A	37	36	73	0.51	0		chr5:52286014	
integrin, alpha 3	ITGA3	hCV2539685	rs2301628	intron	A/G	G	38	31	69	0.55	0.7		chr17:45503412	34.1
		ITGA3-STRP		intron		238 bp	23	34	57	0.4	2.1		chr17:45512727-45512969	
laminin A4	LAMA4	hCV2462170	rs1050353	Val(A)1713Val(T)	A/T	A	30	29	59	0.51	0		chr6:112542605	145.7
		hCV2462178	rs969139	intron	C/T	T	44	32	76	0.58	1.9		chr6:112553569	
		hCV2462186	rs3734287	intron	C/T	C	37	19	56	0.66	5.8	0.016	chr6:112560938	
		hCV2462219	rs11153344	intron	A/G	G	35	31	66	0.53	0.2		chr6:112581548	
		LAMA4-STRP		intron		119 bp	27	15	42	0.64	3.4		chr6:112595692-112595823	
		hCV2462251	rs1050348	His(C)491Tyr(T)	A/G	A	28	24	52	0.54	0.3		chr6:112600565	
		hCV2462280	rs3777928	intron	A/C	A	33	30	63	0.52	0.1		chr6:112623278	

		hCV2462319	rs2157547	intron	C/G	G	20	18	38	0.53	0.1		chr6:112648283	
		hCV11903282	rs1894682	intron	A/G	A	33	23	56	0.59	1.8		chr6:112674963	
laminin B1	LAMB1	hCV2193686	rs2237685	intron	G/A	G	38	30	68	0.56	0.9		chr7:107168735	79.5
		D7S3074		intron		138 bp	27	16	43	0.63	2.8		chr7:107185260-107185394	
		hCV3268606	rs2072208	intron	A/G	A	31	27	58	0.53	0.3		chr7:107185865	
		hCV1091265	rs2237702	intron	G/A	G	33	29	62	0.53	0.3		chr7:107216239	
		hCV2631054	rs1732145	7.3 kb 5'	C/T	C	29	27	56	0.52	0.1		chr7:107245066	
laminin-gamma 1	LAMC1	hCV505167	rs10737236	4 kb 5'	C/T	T	45	30	75	0.6	3		chr1:179720265	122.1
		hCV26124236	rs10911194	Ala(C)58Ala(T)	A/G	G	46	31	77	0.6	2.9		chr1:179724682	
		hCV9066112	rs10797819	intron	G/A	A	46	28	74	0.62	4.4	0.036	chr1:179738568	
		hCV1770066	rs4652775	intron	A/T	A	45	29	74	0.61	3.5		chr1:179793482	
		hCV3127531	rs2296288	Cys(C)182Cys(T)	T/C	T	46	29	75	0.61	3.9	0.050	chr1:179804247	
		hCV11632431	rs7556132	Ile(A)458Val(G)	A/G	A	47	29	76	0.62	4.3	0.039	chr1:179817412	
		hCV3127590	rs2296292	Ala(C)592Ala(A)	A/C	A	45	28	73	0.62	4	0.047	chr1:179818414	
		hCV3127518	rs20557	Asn(C)837Asn(T)	T/C	T	46	27	73	0.63	4.9	0.026	chr1:179825532	
		hCV3127512	rs7410919	Leu888Pro	T/C	T	47	29	76	0.62	4.3	0.039	chr1:179826204	
		LAMC1-STRP		intron		215 bp	31	20	51	0.61	2.4		chr1:179832071-179832282	
		hCV3127470	rs4651146	Arg(C)1376Arg(T)	T/C	C	42	28	70	0.6	2.8		chr1:179837191	
		hCV3127469	rs3818419	Ala(A)1433Ala(G)	G/A	G	33	32	65	0.51	0		chr1:179837362	
		hCV3127459	rs1547715	3' UTR	A/G	A	47	30	77	0.61	3.8		chr1:179845609	
laminin gamma 2	LAMC2	hCV3127421	rs566625	intron	A/G	A	45	29	74	0.61	3.5		chr1:179893098	58.6
lectin, galactoside-binding, soluble, 3	LGALS3	hCV7593627	rs1009978	intron	C/G	C	37	27	64	0.58	1.6		chr14:54672814	16.1
lipoprotein lipase	LPL	hCV9642885	rs10104051	intron	C/T	C	28	26	54	0.52	0.1		chr8:19846682	28
		rs285	rs285	intron	C/T	T	35	33	68	0.51	0.1		chr8:19859469	
		rs320	rs320	intron	G/T	T	41	19	60	0.68	8.1	0.005	chr8:19863357	
		hCV1843005	rs326	intron	A/G	A	41	21	62	0.66	6.5	0.011	chr8:19863719	
		hCV9639448	rs13702	3' UTR	C/T	T	40	18	58	0.69	8.3	0.004	chr8:19868772	
latent transforming growth factor beta binding protein 1	LTBP1	hCV9731966	rs10432657	intron	A/G	G	41	33	74	0.55	0.9		chr2:33286784	264.9
		hCV8839400	rs1065324	Ala(A)126Ala(G)	A/G	G	41	33	74	0.55	0.9		chr2:33323728	
		hCV8375751	rs17641180	intron	A/G	A	38	32	70	0.54	0.5		chr2:33333288	
		hCV8839619	rs817535	intron	C/T	T	39	38	77	0.51	0		chr2:33382307	
		hCV8840470	rs935996	intron	A/C	A	35	32	67	0.52	0.1		chr2:33437033	
		hCV1606121	rs2034693	intron	C/T	C	32	30	62	0.52	0.1		chr2:33534957	
mitogen-inducible gene 6 protein	MIG6	hCV2966793	rs370812	intron	C/T	C	41	31	72	0.57	1.4		chr1:8010160	14.6
matrix metalloproteinase 1	MMP1	hCV632723	rs5854	3'UTR	G/A	G	40	25	65	0.62	3.5		chr11:102166084	8.2
		hCV7492469	rs484915	4.3 kb 5'	A/T	T	32	28	60	0.53	0.3		chr11:102178458	
matrix metalloproteinase 2	MMP2	hCV15872551	rs2241145	intron	G/C	C	32	31	63	0.51	0		chr16:54079701	27
		hCV3225975	rs243832	intron	C/G	C	35	33	68	0.51	0.1		chr16:54096692	

matrix metalloproteinase 3	MMP3	hCV785964	rs520540	Ala(C)362Ala(T)	C/T	C	39	34	73	0.53	0.3		chr16:54079701	7.8
		hCV3047717	rs679620	Glu(G)45Lys(A)	G/A	G	39	33	72	0.54	0.5		chr11:102218830	
Matrix metalloproteinase 9	MMP9	hCV1414746	rs11697325	8.2 kb 5'	A/G	A	31	16	47	0.66	4.8	0.029	chr20:44062752	7.6
		D20S838		5'UTR		A14	30	26	56	0.54	0.3		chr20:44070802-44070923	
						A21	24	22	46	0.52	0.1			
						A22	9	18	27	0.33	3			
		hCV11655953	rs2664538	Gln(A)279Arg(G)	A/G	A	30	20	50	0.6	2		chr20:44073632	
5,10-methylenetetrahydrofolate reductase (NADPH)	MTHFR	rs1801133	rs1801133	Ala(T)222Val(C)	C/T	C	29	21	50	0.58	1.3		chr1:11790644	19.3
nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	NFKB1	hCV3066487	rs3774932	intron	A/G	A	33	26	59	0.56	0.8		chr4:103781378	116
		hCV804243	rs230526	intron	A/G	G	29	21	50	0.58	1.3		chr4:103816010	
		hCV804225	rs230498	intron	A/G	G	30	19	49	0.61	2.5		chr4:103846794	
		hCV3066444	rs1020760	intron	C/G	C	32	24	56	0.57	1.1		chr4:103871638	
nidogen (enactin)	NID	hCV16179265	rs2273586	intron	C/G	G	32	25	57	0.56	0.9		chr1:232519186	88.4
nitric acid synthetase 3 (endothelial)	NOS3	rs1549758sq	rs1549758	Asp(C)258Asp(T)	A/G	A	23	20	43	0.53	0.2		chr7:150133374	23.5
		rs1007311sq	rs1007311	intron	T/C	T	28	26	54	0.52	0.1		chr7:150133656	
		rs1799983	rs1799983	Asp(T)298Glu(G)	A/C	A	23	21	44	0.52	0.1		chr7:150133759	
		hCV7599646	rs891512	intron	A/G	A	24	21	45	0.53	0.2		chr7:150145737	
NADPH oxidase 4	NOX4	hCV8371888	rs317147	intron	C/T	C	35	33	68	0.51	0.1		chr11:88807317	165.1
		hCV3223917	rs12364595	intron	C/T	C	36	33	69	0.52	0.1		chr11:88843094	
		hCV3223928	rs7925520	intron	C/G	G	34	26	60	0.57	1.1		chr11:88853891-	
natriuretic peptide precursor A	NPPA	rs5065	rs5065	Arg(C)152X(T)	A/G	A	33	30	63	0.52	0.1		chr1:11840334	2.1
nephrin	NPHS1	D19S610		4.7 kb 5'		155 bp	26	17	43	0.6	1.9		chr19:41038331-41038491	25.9
neuropilin 1	NRP1	hCV347431	rs2247015	intron	T/G	T	36	35	71	0.51	0.0		chr10:33525484	157
		hCV346947	rs2474714	intron	G/A	A	37	35	72	0.51	0.1		chr10:33535989	
		hCV2738770	rs927099	intron	C/T	T	39	30	69	0.57	1.2		chr10:33565842	
		hCV7467750	rs1319013	intron	T/G	T	35	33	68	0.51	0.1		chr10:33583935	
		hCV7467760	rs869636	intron	T/C	C	36	21	57	0.63	3.9	0.047	chr10:33612045	
		hCV2738721	rs1331326	intron	T/C	C	41	30	71	0.58	1.7		chr10:33619896	
		hCV11659809	rs2804495	intron	T/G	G	42	24	66	0.64	4.9	0.027	chr10:33652506	
osteopontin/secreted phosphoprotein 1	OPN/SPP1	hCV1840818	rs1126616	Ala(T)236Ala(C)	T/C	T	26	25	51	0.51	0		chr4:89261032	7.8
p22-phox/cytochrome b-245, alpha polypeptide	p22-phox/ CYBA	rs1049255	rs1049255	Ala(C)174Val(T)	C/T	T	35	32	67	0.52	0.1		chr16:87237213	7.8
		hCV11291909	rs3794622	intron	C/T	C	35	34	69	0.51	0.0		chr16:87238383	
		hCV2038	rs4673	His(C)72Tyr(T)	T/C	C	32	17	49	0.65	4.6	0.032	chr16:87240737	
platelet-derived growth factor-b	PDGFB	hCV15962706	rs2285094	intron	G/T	G	36	33	69	0.52	0.1		chr22:37947060	21.3
		hCV15872223	rs2267406	intron	C/T	T	27	22	49	0.55	0.5		chr22:37958249	
		PDGFB-STRP		5' UTR		105 bp	18	26	44	0.41	1.5		chr22:37970237-37970356	
platelet-derived growth factor	PDGFRB	hCV11263234	rs6865659	7.6 kb 3'	A/G	G	35	34	69	0.51	0		chr5:149465965	41.9

receptor-beta														
		hCV3220603	rs2240780	intron	A/G	G	41	33	74	0.55	0.9		chr5:149493265	
		hCV344379	rs3756312	1.9 kb 5'	A/G	A	40	27	67	0.6	2.5		chr5:149517387	
peroxisome proliferative activated receptor, gamma	PPARG	hCV9384508	rs2972164	intron	T/C	C	33	31	64	0.52	0.1		chr3:12309416	146.5
		hCV9384377	rs12493718	intron	G/T	T	31	23	54	0.57	1.2		chr3:12338637	
		hCV1129864	rs1801282	Ala(G)12Pro(C)	G/C	C	22	18	40	0.55	0.4		chr3:12368125	
		hCV1129842	rs2028759	intron	C/T	C	40	34	74	0.54	0.5		chr3:12393612	
		hCV1129824	rs2959273	intron	A/G	G	34	28	62	0.55	0.6		chr3:12417731	
		hCV3158666	rs1175542	intron	G/A	A	39	34	73	0.53	0.3		chr3:12441214	
protein kinase C, alpha	PRKCA	hCV2866405	N/A	intron	G/A	A	39	28	67	0.58	1.8		chr17:61732304	507.9
		hCV11876714	rs11654719	intron	C/T	C	35	30	65	0.54	0.4		chr17:61770842	
		hCV2866336	rs11658459	intron	G/A	A	28	26	54	0.52	0.1		chr17:61806742	
		hCV2654166	rs3843733	intron	C/T	C	35	34	69	0.51	0		chr17:61893622	
		hCV223105	rs2361485	intron	C/T	C	36	27	63	0.57	1.3		chr17:61940988	
		hCV2666751	rs1003598	intron	A/C	A	35	32	67	0.52	0.1		chr17:61981869	
		hCV2956764	rs8075979	intron	C/T	T	37	34	71	0.52	0.1		chr17:62006600	
		hCV341669	rs9896134	intron	C/T	T	31	20	51	0.61	2.4		chr17:62029903	
		hCV16181069	rs2286958	intron	G/C	G	30	26	56	0.54	0.3		chr17:62115852	
		hCV316473	rs7215747	intron	A/G	G	31	28	59	0.53	0.2		chr17:62155186	
		hCV150109	rs17710992	intron	A/G	A	31	31	62	0.5	0		chr17:62204090	
protein kinase C, beta 1	PRKCB1	hCV27475914	rs3760106	C-1504T in 5'UTR	C/T	C	27	19	46	0.59	1.4		chr16:23753297	384.2
		hCV9611559	rs2575390	G-546C in 5'UTR	G/C	C	29	20	49	0.59	1.7		chr16:23754255	
		hCV2192055	rs3826262	intron	C/T	C	32	23	55	0.58	1.5		chr16:23774898	
		hCV11192702	rs9924860	intron	A/C	A	38	29	67	0.57	1.2		chr16:23804560	
		hCV11192725	rs3785392	intron	A/G	A	32	32	64	0.5	0		chr16:23851984	
		hCV9609158	rs916677	intron	T/C	T	40	29	69	0.58	1.8		chr16:23910339	
		hCV1936104	rs11865731	intron	A/C	C	27	21	48	0.56	0.8		chr16:23937663	
		hCV1936029	rs11644387	intron	A/G	A	29	17	46	0.63	3.1		chr16:23977337	
		hCV583834	rs405322	intron	T/G	T	33	26	59	0.56	0.8		chr16:24022987	
		hCV583818	rs198200	intron	C/G	C	30	28	58	0.52	0.1		chr16:24055410	
		hCV8918943	rs1015408	intron	A/T	T	30	15	45	0.67	5	0.254	chr16:24117863	
		D16S420		8.9 kb 3'		190 bp	27	30	57	0.47	0.2		chr16:24143725-24143913	
renin	REN	hCV8687919	rs1464816	intron	G/T	T	29	26	55	0.53	0.2		chr1:200860511	11.5
SA hypertension-associated homolog (rat)	SAH	hCV2192241	rs886433	intron	G/T	G	24	24	48	0.5	0		chr16:20695685	33.2
selectin E	SELE	hCV2459451	rs2076059	intron	C/T	T	31	29	60	0.52	0.1		chr1:166430579	11.4
selectin L	SELL	hCV11975318	rs1883228	intron	G/A	A	27	26	53	0.51	0		chr1:166408658	20.9
serum/glucocorticoid regulated kinase	SGK	hCV1347310	rs1075427	8.2 kb 5'	C/T	C	36	29	65	0.55	0.8		chr6:134545897	5.6
solute carrier family 9 (Na+/H+ antiporter)	SLC9A1	hCV12009155	rs5810	3'UTR	A/G	G	34	32	66	0.52	0.1		chr1:27110361	56.1

		SLC9A1-STRP		intron		140 bp	25	35	60	0.42	1.7		chr1:27050170-27050308	
		hCV1900526	rs752454	intron	C/T	C	35	31	66	0.53	0.2		chr1:27139647	
solute carrier family 12 (sodium/chloride transporters), member 3	SLC12A3	hCV7729434	rs12918664	intron	C/T	C	27	26	53	0.51	0		chr16:55458020	48.2
		hCV11196576	rs9925265	2.9 kb 3'	A/G	A	39	29	68	0.57	1.5		chr16:55507711	
SMAD, mothers against DPP homolog 3 (Drosophila)	SMAD3	hCV9707890	rs1498506	intron	A/C	A	28	18	46	0.61	2.2		chr15:65154688	129.3
		hCV2113018	rs4776890	intron	C/G	T	40	24	64	0.625	4.00	0.046	chr15:65180099	
		hCV11306173	rs12594610	intron	G/A	G	36	20	56	0.64	4.6	0.033	chr15:65182972	
		hCV2112975	rs11631380	intron	C/T	T	32	19	51	0.627	3.31		chr15:65214243	
		hCV2112965	rs745103	intron	A/G	A	29	29	58	0.5	0		chr15:65222129	
		hCV1044749	rs731874	intron	A/G	G	31	23	54	0.57	1.2		chr15:65233885	
		hCV2112907	rs2289791	intron	G/T	T	29	19	48	0.6	2.1		chr15:65264006	
transcobalamin II	TCN2	hCV325467	rs1801198	Pro(C)259Arg(G)	C/G	G	30	23	53	0.57	0.9		chr22:29336164	19.9
transforming growth factor B1	TGFB1	hCV22272997	rs1982073	Pro(C)10Leu(T)	A/G	A	23	21	44	0.52	0.1		chr19:46550761	23.1
		3236	rs1800469	C-509T in 5' UTR	A/G	G	24	24	48	0.5	0		chr19:46552136	
transforming growth factor B2	TGFB2	hCV12081791	rs2009112	intron	C/T	C	34	30	64	0.53	0.3		chr1:214941924	95.1
		hCV12081803	rs1891467	intron	A/G	G	22	21	43	0.51	0		chr1:214968380	
transforming growth factor B3	TGFB3	hCV15874941	rs2268626	intron	C/T	C	27	23	50	0.54	0.3		chr14:75514520	23
		hCV2774236	rs3917187	intron	T/C	C	25	22	47	0.53	0.2		chr14:75501889	
transforming growth factor-B receptor 2	TGFBR2	hCV3158972	rs13081419	intron	A/C	C	41	31	72	0.57	1.4		chr3:30631478	85.1
		hCV11565979	rs1431131	intron	A/T	T	34	30	64	0.53	0.3		chr3:30650884	
		hCV1612549	rs1155705	intron	A/G	G	34	32	66	0.52	0.1		chr3:30661418	
		hCV972343	rs1078985	intron	A/G	G	24	22	46	0.52	0.1		chr3:30665915	
		hCV8778179	rs995435	intron	A/G	G	27	21	48	0.56	0.8		chr3:30675926	
		hCV1612506	rs6792117	intron	A/G	G	41	23	64	0.64	5.1	0.024	chr3:30679011	
		hCV1612480	rs744751	2.8 kb 3'	A/G	A	29	25	54	0.54	0.3		chr3:30710941	
transforming growth factor-B receptor 3	TGFBR3	hCV1931721	rs1805113	Phe(C)673Phe(T)	A/G	G	38	30	68	0.56	0.9		chr1:91889959	203.7
		hCV3130156	rs284180	intron	A/C	A	38	32	70	0.54	0.5		chr1:91939869	
		hCV3130147	rs284190	intron	A/T	T	37	29	66	0.56	1		chr1:91947935	
		hCV3130125	rs12756024	intron	A/C	C	42	23	65	0.65	5.6	0.018	chr1:91960461	
		hCV11643684	rs5019497	intron	A/C	A	38	34	72	0.53	0.2		chr1:91977654	
		hCV11643667	rs10783040	intron	A/G	G	38	28	66	0.58	1.5		chr1:91996030	
		hCV1931638	rs11165595	intron	A/G	A	34	30	64	0.53	0.3		chr1:92014562	
		hCV3130092	rs1192524	intron	A/G	A	32	32	64	0.5	0		chr1:92052705	
		hCV3181378	rs7550034	intron	A/G	A	37	35	72	0.51	0.1		chr1:92076597	
		D1S1588		intron		132 bp	17	28	45	0.38	2.7		chr1:91686052-91686183	
tissue inhibitor of metallo proteinase 2	TIMP2	hCV146576	rs11077399	intron	G/A	A	34	28	62	0.55	0.6		chr17:74375770	72.4
		hCV71491	rs6501261	intron	G/T	G	35	31	66	0.53	0.2		chr17:74412056	

tissue inhibitor of metallo proteinase 2	TIMP3	hCV8712827	rs135025	intron	A/G	A	38	26	64	0.59	2.3		chr22:31527032	62.2
		D22S280		intron		214 bp	32	18	50	0.64	3.9	0.048	chr22:31533927-31534146	
		hCV3294872	rs242075	intron	A/G	G	39	37	76	0.51	0.1		chr22:31555458	
		hCV8712964	rs1065314	3'UTR	T/C	C	26	25	51	0.51	0		chr22:31582842	
tumor necrosis factor (ligand) superfamily, member 6	TNFSF6/FASLG	hCV3175435	rs929087	intron	G/A	G	39	35	74	0.527	0.2		chr1:169363714	7.8
tumor necrosis factor receptor 1	TNFRSF1A	hCV2645708	rs4149577	intron	A/G	G	37	29	66	0.5606	1.0		chr12:6317783	13.3
transforming growth factor beta-stimulated protein TSC-22	TSC22/TGFB1I4	hCV1925760	rs2875552	3.2 kb 3'	C/T	C	33	33	66	0.5	0		chr13:43902494	3.3
ubiquitin A-52 residue ribosomal protein fusion product 1	UBA52	hCV2580747	rs2302055	intron	C/T	T	36	35	71	0.51	0		chr19:18545563	3.4
unc-13 homolog B (C. elegans)	UNC13B	hCV2754761	rs10814211	intron	C/T	C	29	28	57	0.51	0		chr9:35169278	243
		hCV1755997	rs2381302	intron	A/C	A	28	26	54	0.52	0.1		chr9:35225820	
		hCV1756005	rs1930361	intron	A/T	A	33	27	60	0.55	0.6		chr9:35256881	
		hCV2704288	rs580376	intron	C/T	C	25	23	48	0.52	0.1		chr9:35303141	
		hCV2704302	rs10814231	intron	A/G	A	21	19	40	0.53	0.1		chr9:35351044	
		hCV15877163	rs2281999	intron	C/T	C	26	23	49	0.53	0.2		chr9:35371504	
upstream transcription factor 1	USF1	hCV1459759	rs3737787	3'UTR	A/G	G	25	24	49	0.51	0		chr1:157822596	6.7
		rs2073658	rs2073658	intron	C/T	C	22	19	41	0.54	0.2		chr1:157823835	
		hCV15949520	rs2073656	intron	C/G	G	22	21	43	0.51	0		chr1:157824428	
		hCV1839183	rs2516839	5'UTR	C/T	T	45	28	73	0.62	4	0.047	chr1:157826194	
upstream transcription factor 2	USF2	hCV2604928	rs2284147	intron	A/G	A	34	33	67	0.51	0		chr19:40456881	10.8
urotensin 2	UTS2	hCV2510327	rs228651	intron	C/T	T	37	29	66	0.56	1		chr1:7845365	5.8
		hCV1187241	rs228648	Met(T)21Thr'(C)	A/G	A	34	29	63	0.54	0.4		chr1:7847696	
vascular endothelial growth factor	VEGF	VEGF-STRP		3.8 kb 5'		191 bp	23	22	45	0.51	0		chr6:43781203-43781390	14.4
		hCV1647373	rs833070	intron	T/C	T	38	32	70	0.54	0.5		chr6:43850604	
kinase insert domain receptor	VEGFR2/KDR	hCV1673874	rs2219471	intron	C/T	C	29	21	50	0.58	1.3		chr4:55802087	47.1
		hCV3065122	rs7654599	intron	C/T	C	31	23	54	0.57	1.2		chr4:55817096	
		hCV1673851	rs1531290	intron	A/G	G	46	37	83	0.55	1		chr4:55827490	