

Supplemental Table 1									
Site ID	Intron	Poly(A) site	Type	NM/KG	Inum	Region	Gene ID	Gene Symbol	Gene Annotation
Hs.121333.1.11	chr3:39530102:39540737	39532498	b	NM_006501	3	3UTR	4336	MOBP	myelin-associated oligodendrocyte basic protein
Hs.10697.1.3	chr16:22057335:22058975	22057374	c	AK128606	12	CDS	146177	LOC146177	hypothetical protein LOC146177
Hs.113876.1.43	chr4:1911524:1920029	1912394	c	NM_133332	12	3UTR	7468	WHSC1	Wolf-Hirschhorn syndrome candidate 1
Hs.121333.1.6	chr3:39519410:39529877	39519522	c	NM_182934	2	3UTR	4336	MOBP	myelin-associated oligodendrocyte basic protein
Hs.122110.1.3	chr4:3532180:3535515	3533178	c	AK075037	1	CDS	285489	FLJ33718	hypothetical protein FLJ33718
Hs.122927.1.21	chr2:29308963:29316088	29309164	c	NM_024692	15	CDS	79745	RSNL2	restin-like 2
Hs.126135.1.6	chr1:194143080:194178450	194145606	c	NM_201253	11	CDS	23418	CRB1	crumbs homolog 1 (Drosophila)
Hs.128594.1.16	chr3:54888157:54889862	54888254	c	AJ272213	17	CDS	55799	CACNA2D3	calcium channel, voltage-dependent, alpha 2/delta 3 subunit
Hs.129055.1.37	chr9:128336502:128337873	128336669	c	NM_002540	19	CDS	4957	ODF2	outer dense fiber of sperm tails 2
Hs.135642.1.3	chr18:41478124:41497747	41478373	c	NM_007163	10	CDS	8170	SLC14A2	solute carrier family 14 (urea transporter), member 2
Hs.144447.1.24	chr10:122627962:122630327	122628023	c	NM_018117	12	CDS	55717	BRWD2	bromodomain and WD repeat domain containing 2
Hs.144795.1.6	chr10:78317054:78307658	78314633	c	NM_001014797	28	CDS	3778	KCNMA1	potassium large conductance calcium-activated channel, subfamily M, alpha member 1
Hs.146007.1.21	chr2:65213190:65216652	65213275	c	NM_015147	4	CDS	23177	KIAA0582	KIAA0582
Hs.159014.1.49	chr6:4006934:4007445	4007137	c	NM_176800	16	3UTR	8899	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)
Hs.165551.1.15	chr22:16744642:16744553	16744642	c	CR456364	13	CDS	57553	MICAL3	microtubule associated monooxygenase, calponin and LIM domain containing 3
Hs.188528.1.13	chr2:70815582:70813613	70813878	c	NM_001617	13	CDS	119	ADD2	adducin 2 (beta)
Hs.200250.1.11	chr10:35508211:35535828	35508775	c	NM_182770	3	CDS	1390	CREM	cAMP responsive element modulator
Hs.202438.1.2	chr10:49791442:49788310	49791302	c	NM_001006939	1	CDS	474354	LRRC18	leucine rich repeat containing 18
Hs.208093.1.7	chr7:86165690:86154498	86165162	c	NM_152748	20	CDS	222223	KIAA1324L	KIAA1324-like
Hs.239444.1.9	chr11:74994500:74976878	74991558	c	NM_033063	3	CDS	4135	MAP6	microtubule-associated protein 6
Hs.245798.1.1	chr12:70344628:70354249	70344878	c	NM_031435	1	CDS	83591	DKFZP564I0422	hypothetical protein DKFZP564I0422
Hs.253726.1.22	chr14:96068740:96070580	96068781	c	NM_032632	9	CDS	10914	PAPOLA	poly(A) polymerase alpha
Hs.253726.1.31	chr14:96070654:96071968	96070980	c	NM_032632	10	CDS	10914	PAPOLA	poly(A) polymerase alpha
Hs.266826.1.27	chr3:139446724:139465278	139447221	c	NM_015396	13	CDS	25852	ARMC8	armadillo repeat containing 8
Hs.266826.1.30	chr3:139446724:139465278	139448427	c	NM_015396	13	CDS	25852	ARMC8	armadillo repeat containing 8
Hs.285051.1.11	chr15:53439028:53435900	53438332	c	AK022459	9	CDS	9236	CCPG1	cell cycle progression 1
Hs.291623.1.34	chr16:29905327:29908414	29907218	c	NM_004783	16	CDS	9344	TAOK2	TAO kinase 2
Hs.297814.1.8	chr4:185393546:185387685	185393294	c	NM_153343	7	CDS	133121	ENPP6	ectonucleotide pyrophosphatase/phosphodiesterase 6
Hs.301865.1.21	chr13:93915887:93912445	93915694	c	NM_001922	4	CDS	1638	DCT	dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2)
Hs.355750.1.20	chr11:93108954:93107475	93108743	c	NM_024116	6	3UTR	79101	MGC5306	hypothetical protein MGC5306
Hs.368077.1.5	chr18:59801936:59803306	59801936	c	NM_002640	5	CDS	5271	SERPINB8	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 8
Hs.368264.1.33	chr14:101448564:101461230	101448712	c	NM_178586	12	CDS	5527	PPP2R5C	protein phosphatase 2, regulatory subunit B (B56), gamma isoform
Hs.368282.1.24	chr13:41191726:41175548	41191473	c	NM_015058	26	CDS	23078	KIAA0564	KIAA0564 protein
Hs.36859.1.15	chr14:101745953:101758919	101746614	c	NM_181291	3	CDS	91833	WDR20	WD repeat domain 20
Hs.368928.1.11	chr14:50534517:50522613	50532535	c	AK055388	7	CDS	114088	TRIM9	tripartite motif-containing 9
Hs.378532.1.27	chr6:135345288:135342100	135345124	c	NM_006620	13	CDS	10767	HBS1L	HBS1-like (S. cerevisiae)
Hs.406184.1.11	chr12:27004829:27007541	27004951	c	NM_015633	5	CDS	26127	FGFR1OP2	FGFR1 oncogene partner 2
Hs.414332.1.23	chr12:111909766:111910898	111909892	c	NM_016817	11	CDS	4939	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa
Hs.435228.1.7	chr5:150010059:150016158	150012092	c	NM_007286	2	CDS	11346	SYNPO	synaptopodin
Hs.435290.1.31	chr3:52489352:52493568	52490965	c	NM_007184	13	CDS	11188	NISCH	nischarin
Hs.435556.1.18	chr16:14666430:14668992	14666539	c	NM_016561	7	CDS	51283	BFAR	bifunctional apoptosis regulator
Hs.437647.1.9	chr2:219922911:219923305	219923238	c	NM_018089	5	CDS	55139	FLJ10415	hypothetical protein FLJ10415
Hs.438587.1.33	chr22:20374340:20375727	20374453	c	NM_148176	20	CDS	23759	PPIL2	peptidylprolyl isomerase (cyclophilin)-like 2
Hs.44402.1.46	chr11:33119788:33086541	33119555	c	NM_001326	3	CDS	1479	CSTF3	cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa
Hs.445885.1.47	chr10:24874039:24874761	24874250	c	NM_019590	20	CDS	56243	KIAA1217	KIAA1217
Hs.459311.1.7	chr15:88418527:88423895	88418768	c	NM_198526	4	CDS	374655	DKFZp547K1113	hypothetical protein DKFZp547K1113

Hs.462306.1.8	chr17:15552287:15560097	15552463	c	NM_020652	4	CDS	57335	ZNF286	zinc finger protein 286
Hs.463702.1.33	chr17:56800638:56824119	56800638	c	NM_017679	23	CDS	54828	BCAS3	breast carcinoma amplified sequence 3
Hs.464166.1.2	chr17:72246126:72246614	72246204	c	NM_024311	2	CDS	79157	ET	hypothetical protein ET
Hs.470907.1.13	chr1:33147900:33145528	33147739	c	NM_013411	6	CDS	204	AK2	adenylate kinase 2
Hs.470943.1.16	chr2:191666043:191665165	191665772	c	NM_007315	23	CDS	6772	STAT1	signal transducer and activator of transcription 1, 91kDa
Hs.471818.1.39	chr11:34075885:34077425	34077182	c	NM_005898	18	CDS	4076	M11S1	membrane component, chromosome 11, surface marker 1
Hs.472856.1.3	chr20:43999632:44001026	43999917	c	NM_022104	2	5UTR	63935	C20orf67	chromosome 20 open reading frame 67
Hs.472856.1.5	chr20:43999632:44001026	44000018	c	NM_022104	2	5UTR	63935	C20orf67	chromosome 20 open reading frame 67
Hs.473648.1.36	chr21:33818945:33816460	33818186	c	NM_000819	11	CDS	2618	GART	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase
Hs.476221.1.20	chr3:48707526:48705617	48705964	c	NM_001005909	2	CDS	51447	IHPK2	inositol hexaphosphate kinase 2
Hs.479853.1.3	chr4:66026456:66018704	66025042	c	NM_004439	17	CDS	2044	EPHA5	EPH receptor A5
Hs.485877.1.14	chr6:86381417:86379361	86380655	c	BC032643	11	CDS	10492	SYNCRIP	synaptotagmin binding, cytoplasmic RNA interacting protein
Hs.490347.1.22	chr7:139609635:139608885	139609170	c	NM_013446	5	CDS	23608	MKRN1	makorin, ring finger protein, 1
Hs.490745.1.9	chr7:156677782:156701964	156678474	c	NM_058246	8	CDS	10049	DNAJB6	DnaJ (Hsp40) homolog, subfamily B, member 6
Hs.491359.1.20	chr1:152920608:152921351	152920729	c	NM_170707	10	CDS	4000	LMNA	lamin A/C
Hs.500067.1.16	chr10:74874488:74869666	74873556	c	NM_021132	12	CDS	5532	PPP3CB	protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform (calcineurin A beta)
Hs.503001.1.12	chr11:67691024:67683215	67689762	c	NM_017635	10	CDS	51111	SUV420H1	suppressor of variegation 4-20 homolog 1 (Drosophila)
Hs.504670.1.13	chr12:8817330:8821452	8818268	c	NM_020734	6	CDS	57494	FAM80B	family with sequence similarity 80, member B
Hs.504670.1.17	chr12:8817330:8821452	8821053	c	NM_020734	6	CDS	57494	FAM80B	family with sequence similarity 80, member B
Hs.505545.1.9	chr12:49668431:49661854	49666042	c	AF064484	16	CDS	4891	SLC11A2	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2
Hs.506759.1.54	chr12:109246847:109250816	109247838	c	NM_001681	20	CDS	488	ATP2A2	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
Hs.507621.1.32	chr13:27861932:27857169	27861819	c	NM_002019	13	CDS	2321	FLT1	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
Hs.510324.1.18	chr6:163958239:163962136	163961584	c	NM_006775	7	CDS	9444	QKI	quaking homolog, KH domain RNA binding (mouse)
Hs.511916.1.9	chr1:147411190:147408409	147409169	c	NM_004436	3	CDS	2029	ENSA	endosulfine alpha
Hs.516904.1.28	chr1:153435758:153439146	153436337	c	NM_021948	8	CDS	63827	BCAN	brevican
Hs.522684.1.38	chrX:70252331:70252041	70252075	c	NM_005096	7	CDS	9203	ZNF261	zinc finger protein 261
Hs.522891.1.7	chr10:44194090:44188798	44192525	c	NM_000609	3	CDS	6387	CXCL12	chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)
Hs.522891.1.8	chr10:44194090:44188798	44192587	c	NM_000609	3	CDS	6387	CXCL12	chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1)
Hs.524599.1.24	chr12:74729802:74729298	74729615	c	NM_004537	13	CDS	4673	NAP1L1	nucleosome assembly protein 1-like 1
Hs.524920.1.19	chr11:58141618:58146814	58141846	c	NM_170768	11	CDS	80829	ZFP91	zinc finger protein 91 homolog (mouse)
Hs.524920.1.25	chr11:58141618:58146814	58145091	c	NM_170768	11	CDS	80829	ZFP91	zinc finger protein 91 homolog (mouse)
Hs.532363.1.17	chr1:114226619:114227687	114226737	c	NM_181358	13	CDS	204851	HIPK1	homeodomain interacting protein kinase 1
Hs.546852.1.10	chr15:48365556:48358274	48365373	c	NM_005254	8	CDS	2553	GABPB2	GA binding protein transcription factor, beta subunit 2
Hs.549101.1.17	chr6:123860036:123827828	123859890	c	NM_006073	9	CDS	10345	TRDN	triadin
Hs.549312.1.3	chr2:80440727:80438474	80440661	c	NM_178839	2	3UTR	347730	LRRTM1	leucine rich repeat transmembrane neuronal 1
Hs.63335.1.17	chr16:67958210:67952894	67957905	c	NM_005652	7	CDS	7014	TERF2	telomeric repeat binding factor 2
Hs.635.1.5	chr17:34587128:34585437	34586915	c	NM_000723	13	CDS	782	CACNB1	calcium channel, voltage-dependent, beta 1 subunit
Hs.6651.1.3	chr1:168405183:168402882	168404611	c	NM_201994	8	3UTR	8674	VAMP4	vesicle-associated membrane protein 4
Hs.1274.1.34	chr8:22110879:22115260	22114939	s	NM_006129	15	CDS	649	BMP1	bone morphogenetic protein 1
Hs.131489.1.19	chr10:34646040:34613180	34641196	s	NM_019619	20	CDS	56288	PARD3	par-3 partitioning defective 3 homolog (C. elegans)
Hs.133892.1.29	chr15:61141898:61150341	61145343	s	NM_001018004	8	CDS	7168	TPM1	tropomyosin 1 (alpha)
Hs.133892.1.31	chr15:61141898:61150341	61145426	s	NM_001018004	8	CDS	7168	TPM1	tropomyosin 1 (alpha)
Hs.133892.1.36	chr15:61141898:61150341	61149889	s	NM_001018004	8	CDS	7168	TPM1	tropomyosin 1 (alpha)
Hs.146070.1.10	chr1:150955948:150943271	150944161	s	NM_153649	7	CDS	7170	TPM3	tropomyosin 3
Hs.160324.1.48	chr21:34108247:34112440	34111824	s	NM_001001132	22	CDS	6453	ITSN1	intersectin 1 (SH3 domain protein)
Hs.167805.1.29	chr10:32675696:32634866	32674309	s	NM_025209	1	CDS	80314	EPC1	enhancer of polycomb homolog 1 (Drosophila)

Hs.191186.1.54	chr11:43422336:43426127	43424664	s	NM_018259	18 CDS	55761	TTC17	tetratricopeptide repeat domain 17
Hs.195048.1.25	chr7:150254881:150258528	150258371	s	NM_031946	9 CDS	116988	CENTG3	centaurin, gamma 3
Hs.216226.1.12	chr22:38096703:38102200	38098416	s	NM_004711	3 CDS	9145	SYNGR1	synaptogyrin 1
Hs.24601.1.29	chr22:44267033:44290927	44279775	s	NM_006486	14 CDS	2192	FBLN1	fibulin 1
Hs.248437.1.8	chr16:20718085:20709756	20715163	s	NM_080663	8 CDS	112479	MGC16943	similar to RIKEN cDNA 4933424N09 gene
Hs.248941.1.11	chr5:68698085:68687537	68696327	s	NM_001015891	2 CDS	6880	TAF9	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa
Hs.250723.1.11	chr17:72192748:72185380	72187251	s	NM_001008528	3 CDS	439921	MXRA7	matrix-remodelling associated 7
Hs.25674.1.13	chr18:49985365:49969380	49983048	s	NM_003927	2 CDS	8932	MBD2	methyl-CpG binding domain protein 2
Hs.300772.1.7	chr9:35674242:35672161	35672928	s	NM_213674	8 CDS	7169	TPM2	tropomyosin 2 (beta)
Hs.310429.1.13	chr14:50265990:50262535	50263701	s	NM_016350	28 CDS	51199	NIN	ninein (GSK3B interacting protein)
Hs.332422.1.33	chr8:62708795:62694133	62699655	s	NM_004318	14 CDS	444	ASPH	aspartate beta-hydroxylase
Hs.369232.1.22	chr2:120574621:120601493	120578918	s	NM_020909	16 CDS	57669	EPB41L5	erythrocyte membrane protein band 4.1 like 5
Hs.370549.1.16	chr2:60684756:60607620	60680571	s	NM_018014	2 CDS	53335	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)
Hs.370636.1.1	chr12:50120841:50130926	50121230	s	NM_004858	2 CDS	9498	SLC4A8	solute carrier family 4, sodium bicarbonate cotransporter, member 8
Hs.390736.1.25	chr2:201830669:201839982	201831825	s	AF009616	5 CDS	8837	CFLAR	CASP8 and FADD-like apoptosis regulator
Hs.416061.1.8	chr2:182876124:182837386	182858172	s	NM_005019	13 CDS	5136	PDE1A	phosphodiesterase 1A, calmodulin-dependent
Hs.416769.1.28	chr2:44357328:44371105	44370260	s	NM_177968	5 CDS	5495	PPM1B	protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform
Hs.430646.1.8	chr6:100099708:100098207	100098377	s	NM_001013399	11 CDS	892	CCNC	cyclin C
Hs.463702.1.34	chr17:56800638:56824119	56812715	s	NM_017679	23 CDS	54828	BCAS3	breast carcinoma amplified sequence 3
Hs.465885.1.51	chr19:10655647:10659021	10657441	s	NM_012218	17 CDS	3609	ILF3	interleukin enhancer binding factor 3, 90kDa
Hs.467637.1.9	chr1:22158666:22163226	22161926	s	NM_001791	5 CDS	998	CDC42	cell division cycle 42 (GTP binding protein, 25kDa)
Hs.475902.1.14	chr3:35700312:35704234	35702383	s	NM_016300	5 CDS	10777	ARPP-21	cyclic AMP-regulated phosphoprotein, 21 kD
Hs.476221.1.18	chr3:48707526:48705617	48705885	s	NM_001005909	2 CDS	51447	IHPK2	inositol hexaphosphate kinase 2
Hs.476221.1.22	chr3:48707526:48705617	48706209	s	NM_001005909	2 CDS	51447	IHPK2	inositol hexaphosphate kinase 2
Hs.479119.1.9	chr4:8414000:8422260	8416272	s	NM_053044	6 CDS	94031	HTRA3	HtrA serine peptidase 3
Hs.490551.1.56	chr1:151047247:151052049	151049048	s	NM_014847	23 CDS	9898	UBAP2L	ubiquitin associated protein 2-like
Hs.493516.1.23	chr9:15462629:15459992	15460634	s	NM_033222	10 CDS	11168	PSIP1	PC4 and SFRS1 interacting protein 1
Hs.496666.1.20	chrX:118541179:118534632	118535166	s	AF403061	8 3UTR	23157	SEPT6	septin 6
Hs.496666.1.9	chrX:118545162:118532588	118532790	s	NM_145802	9 CDS	23157	SEPT6	septin 6
Hs.496684.1.9	chrX:119357466:119347200	119352236	s	NM_002294	8 CDS	3920	LAMP2	lysosomal-associated membrane protein 2
Hs.49998.1.14	chr10:88442309:88456267	88449782	s	NM_007078	6 CDS	11155	LDB3	LIM domain binding 3
Hs.502756.1.5	chr11:62059050:62015880	62039952	s	NM_024060	4 CDS	79026	AHNAK	AHNAK nucleoprotein (desmoyokin)
Hs.517557.1.13	chr22:30063436:30056404	30061219	s	NM_014323	2 CDS	23598	ZNF278	zinc finger protein 278
Hs.521064.1.20	chr7:98802970:98814518	98806974	s	NM_001009960	2 CDS	79027	ZNF655	zinc finger protein 655
Hs.522291.1.29	chr9:93159469:93162203	93161045	s	NM_006648	28 CDS	65268	WNK2	WNK lysine deficient protein kinase 2
Hs.522484.1.14	chr9:135213811:135216076	135215895	s	NM_014279	3 CDS	10439	OLFM1	olfactomedin 1
Hs.524599.1.22	chr12:74729802:74729298	74729480	s	NM_004537	13 CDS	4673	NAP1L1	nucleosome assembly protein 1-like 1
Hs.530539.1.36	chr11:129263698:129261550	129263423	s	NM_006165	2 CDS	4798	NFRKB	nuclear factor related to kappaB binding protein
Hs.533040.1.18	chr5:176850476:176849639	176849854	s	BC067806	7 CDS	9260	PDLIM7	PDZ and LIM domain 7 (enigma)
Hs.554760.1.24	chr1:65800686:65813894	65813132	s	NM_002303	19 CDS	3953	LEPR	leptin receptor
Hs.58919.1.24	chr18:30661639:30682257	30663286	s	NM_032975	12 CDS	1837	DTNA	dystrobrevin, alpha
Hs.7483.1.11	chrX:53191766:53168265	53178531	s	NM_015075	2 CDS	23096	IQSEC2	IQ motif and Sec7 domain 2
Hs.89983.1.5	chr3:188441970:188430388	188434574	s	NM_001879	10 CDS	5648	MASP1	mannan-binding lectin serine protease 1 (C4/C2 activating component of Ra-reactive factor)