

Supplementary Table 1

Gene Symbol	Score	Entrez Gene	Accession #	Catalog #	pSQTQ	DDR protein
ABCB4	Strong	5244	NM_000443	M-007302-00		
ADRB3	Strong	155	NM_000025	M-005427-00		
ASB17	Strong	127247	NM_080868	M-015284-00		
ATR	Strong	545	NM_001184	M-003202-04		ATR
BECN1	Strong	8678	NM_003766	M-010552-00		
C6ORF211	Strong	79624	NM_024573	M-014372-00		
C7ORF20	Strong	51608	NM_015949	M-020967-00		
DHX9	Strong	1660	NM_001357	M-009950-00	YES	DHX9
FKSG17	Strong	83955	NM_032031	M-014770-00		
GAD1	Strong	2571	NM_000817	M-010121-00		
HNRPM	Strong	4670	NM_005968	M-013452-00		
HTR2B	Strong	3357	NM_000867	M-005639-02		
INPP5B	Strong	3633	NM_005540	M-021811-01		
IRAK2	Strong	3656	NM_001570	M-004761-00		
LIPA	Strong	3988	NM_000235	M-004043-01		
LOC150759	Strong	150759	NM_175853	M-017982-00		
LOC166752	Strong	166752	XM_094074	M-024053-00		
LOC221140	Strong	DC	XM_167908	M-021677-00		
LOC340359	Strong	340359	XM_294387	M-025931-00		
LOC375108	Strong	375108	NM_198996	M-027278-00		
LOC387821	Strong	DC	XM_373518	M-029826-00		
LOC388171	Strong	DC	XM_373647	M-030485-00		
LOC388228	Strong	388228	XM_370948	M-027174-00		
LOC389101	Strong	389101	XM_371622	M-028088-00		
LOC390502	Strong	390502	XM_372532	M-030366-00		
LOC400526	Strong	DC	XM_375344	M-030743-00		
MGC16943	Strong	112479	NM_080663	M-015252-00		
MGC27085	Strong	151827	NM_153353	M-016744-00		
NRF1	Strong	4899	NM_005011	M-017924-00		
NUBP2	Strong	10101	NM_012225	M-004705-00		
PHGDHL1	Strong	337867	NM_177967	M-017914-00		
PLS1	Strong	5357	NM_002670	M-011356-00		
PMS2	Strong	5395	NM_000535	M-010032-00		PMS2
PTAFR	Strong	5724	NM_000952	M-005709-00		
RAB34	Strong	83871	NM_031934	M-009735-00		
SENP2	Strong	59343	NM_021627	M-006033-00		
SERPINA12	Strong	145264	NM_173850	M-008739-00		
ST7L	Strong	54879	NM_017744	M-017234-00		
TAF9L	Strong	51616	NM_015975	M-017217-00		
TCERG1L	Strong	256536	NM_174937	M-017916-00		
ABCA6	Medium	23460	NM_080284	M-008535-00		
ABHD1	Medium	84696	NM_032604	M-013589-00		
ABTB2	Medium	25841	NM_145804	M-016671-00		
ACTC	Medium	70	NM_005159	M-012015-00		
ADAMTS16	Medium	170690	NM_139056	M-005767-01		
ADNP	Medium	23394	NM_015339	M-012857-00	YES	
ADPRTL1	Medium	143	NM_006437	M-007244-00		
AGPAT3	Medium	56894	NM_020132	M-008620-00		
ALDH2	Medium	217	NM_000690	M-009766-00		
ALPL	Medium	249	NM_000478	M-008658-00		

APRIN	Medium	23047	NM_015032	M-010362-00	YES	
ARL2BP	Medium	23568	NM_012106	M-013074-00	YES	
ASH2L	Medium	9070	NM_004674	M-019831-00		
ATF3	Medium	467	NM_001674	M-008663-00		
BCL10	Medium	8915	NM_003921	M-004381-01		
BOMB	Medium	80014	NM_024949	M-016585-00		
BRCA2	Medium	675	NM_000059	M-003462-00	YES	BRCA2
BRE	Medium	9577	NM_004899	M-010210-01		BRE
BRIP1	Medium	83990	NM_032043	M-010587-00		BRIP1
BTG1	Medium	694	NM_001731	M-011598-00		
C10ORF1	Medium	11241	NM_206995	M-019504-00		
C11ORF11	Medium	747	NM_006133	M-012209-00		
C14ORF25	Medium	319089	XM_375077	M-021942-00		
C2ORF4	Medium	51072	NM_015955	M-016087-00		
C6ORF18	Medium	54535	NM_019052	M-020481-00		
C6ORF70	Medium	55780	XM_376556	M-028653-00		
CAPN7	Medium	23473	NM_014296	M-005807-00		
CASP14	Medium	23581	NM_012114	M-004403-00		
CAT	Medium	847	NM_001752	M-010021-00		
CD160	Medium	11126	NM_007053	M-019771-00		
CD8B1	Medium	926	NM_004931	M-011975-00		
CDC16	Medium	8881	NM_003903	M-003223-02		
CDC37	Medium	11140	NM_007065	M-003231-01		
CDH17	Medium	1015	NM_004063	M-011829-00		
CDH22	Medium	64405	NM_021248	M-013099-00		
CDH9	Medium	1007	NM_016279	M-013169-00		
CDKN1A	Medium	1026	NM_000389	M-003471-00		CDKN1A
CDS1	Medium	1040	NM_001263	M-008680-00		
CHCHD6	Medium	84303	NM_032343	M-014866-00		
CKAP1	Medium	1155	NM_001281	M-020186-00	YES	
CKAP4	Medium	10970	NM_006825	M-012755-00		
CKS1B	Medium	1163	NM_001826	M-004586-01		
CKS2	Medium	1164	NM_001827	M-007678-00		
CLDN10	Medium	9071	NM_006984	M-019255-00		
CLIC1	Medium	1192	NM_001288	M-009530-00		
CLOCK	Medium	9575	NM_004898	M-008212-00		
COG7	Medium	91949	NM_153603	M-015904-00		
COX7A3	Medium	1348	NM_183003	M-019464-00		
CPN2	Medium	1370	J05158	M-023553-00		
CPVL	Medium	54504	NM_019029	M-005828-00		
CSTF3	Medium	1479	NM_001326	M-011247-00		
CTSL2	Medium	1515	NM_001333	M-005842-02		
CXORF20	Medium	139105	NM_153346	M-016795-00		
CYP11A1	Medium	1583	NM_000781	M-008329-00		
DGAT2L3	Medium	158833	XM_088691	M-010304-00		
DJ167A19.1	Medium	54432	NM_018982	M-016906-00		
DKFZP434B16	Medium	25896	NM_015434	M-013972-00		
DKFZP564D13	Medium	84064	NM_032124	M-018592-00		
DKFZP686O16	Medium	341405	NM_182608	M-018900-00		
DKFZP761O20	Medium	92293	XM_044062	M-027086-00		
DLAD	Medium	58511	NM_021233	M-008278-00		
DLEU2	Medium	8847	NM_006021	M-020066-00		
DMC1	Medium	11144	NM_007068	M-009551-00		DMC1

DNAH7	Medium	56171	NM_018897	M-009928-00		
DNMT3B	Medium	1789	NM_006892	M-006395-01		
DPP6	Medium	1804	NM_001936	M-010129-00		
DRB1	Medium	129831	NM_152945	M-016718-00		
DSG2	Medium	1829	NM_001943	M-011645-00		
EBF	Medium	1879	NM_024007	M-011848-00		
EBF2	Medium	64641	NM_022659	M-013842-00		
EDG1	Medium	1901	NM_001400	M-003655-01		
EIF1AY	Medium	9086	NM_004681	M-011908-00		
EPHB3	Medium	2049	NM_004443	M-003123-02		
EPHB4	Medium	2050	NM_004444	M-003124-01		
ERCC5	Medium	2073	NM_000123	M-006626-00		ERCC5
EREG	Medium	2069	NM_001432	M-011268-00		
F3	Medium	2152	NM_001993	M-004462-00		
FADS1	Medium	3992	NM_013402	M-008210-00		
FANCL	Medium	55120	NM_018062	M-021486-00		FANCL
FBXW11	Medium	23291	NM_012300	M-003490-00		FBXW11
FCMD	Medium	2218	NM_006731	M-012313-00		
FKBP6	Medium	8468	NM_003602	M-009426-00		
FLJ11767	Medium	79645	NM_024593	M-016476-00		
FLJ12671	Medium	81875	NM_030980	M-014692-00		
FLJ22329	Medium	79709	NM_024656	M-018152-00		
FLJ22938	Medium	79729	NM_024676	M-016447-00		
FLJ23221	Medium	79630	NM_024579	M-014374-00		
FLJ23703	Medium	200197	NM_182534	M-018885-00		
FLJ25224	Medium	120406	NM_182495	M-018588-00		
FLJ26184	Medium	388289	NM_207385	M-032063-00		
FLJ30002	Medium	124222	NM_152341	M-007910-00		
FLJ35424	Medium	285492	NM_173661	M-018114-00		
FLJ36561	Medium	150248	NM_182520	M-018678-00		
FLJ37874	Medium	338699	NM_182603	M-018873-00		
FLJ40113	Medium	374650	NM_198079	M-031731-00		
FLJ42393	Medium	401105	NM_207488	M-032177-00		
FLJ45121	Medium	400556	NM_207451	M-032136-00		
FLJ46365	Medium	401459	NM_207504	M-032187-00		
FMN2	Medium	56776	XM_371352	M-022134-00	YES	
FUCA1	Medium	2517	NM_000147	M-009023-00		
GALNT7	Medium	51809	NM_017423	M-013402-00		
GCLM	Medium	2730	NM_002061	M-011670-00		
GLI3	Medium	2737	NM_000168	M-011043-00		
GOLGA2	Medium	2801	NM_004486	M-017282-00		
GPX5	Medium	2880	NM_001509	M-009445-00		
GRIN2A	Medium	2903	NM_000833	M-006195-00		
GSTO1	Medium	9446	NM_004832	M-011950-00		
HAVCR1	Medium	26762	NM_012206	M-019856-01		
HCCA2	Medium	81532	NM_053005	M-019362-00		
HERC1	Medium	8925	NM_003922	M-007181-01	YES	
HESX1	Medium	8820	NM_003865	M-019521-00		
HIST1H2BH	Medium	8345	NM_003524	M-011444-00		
HLXB9	Medium	3110	NM_005515	M-010960-00		
HNRPL	Medium	3191	NM_001533	M-011293-00		
HRLP5	Medium	117245	NM_054108	M-010293-00		
IDH1	Medium	3417	NM_005896	M-008294-00		

IFNA21	Medium	3452	NM_002175	M-019654-00		
IFNGR2	Medium	3460	NM_005534	M-012713-00		
IL13RA1	Medium	3597	NM_001560	M-007933-01		
IL16	Medium	3603	NM_004513	M-007936-01		
ILF2	Medium	3608	NM_004515	M-017599-00	YES	
IMP5	Medium	162540	NM_175882	M-005928-00		
IPLA2(GAMMA)	Medium	50640	XM_291241	M-010284-00		
IRAK3	Medium	11213	NM_007199	M-004762-00		
ITGB7	Medium	3695	NM_000889	M-008013-01		
KCNH4	Medium	23415	NM_012285	M-006234-01		
KIAA0748	Medium	9840	XM_374983	M-021265-00		
KIAA1679	Medium	80731	XM_046570	M-022909-00		
KIAA1912	Medium	114800	XM_055636	M-022684-00		
KIF1B	Medium	23095	NM_015074	M-009317-00		
KLK1	Medium	3816	NM_002257	M-005906-00		
KPNA3	Medium	3839	NM_002267	M-011306-00		
KRTAP11-1	Medium	337880	NM_175858	M-017999-00		
KRTAP5-1	Medium	387264	NM_00100592	M-032497-00		
LCT	Medium	3938	NM_002299	M-011717-00		
LMAN2	Medium	10960	NM_006816	M-019905-00		
LOC119694	Medium	119694	XM_061626	M-026821-00		
LOC129642	Medium	129642	NM_138799	M-010299-00		
LOC130940	Medium	130940	NM_138803	M-018279-00		
LOC148213	Medium	148213	NM_138286	M-015352-00		
LOC148898	Medium	148898	NM_138479	M-031726-00		
LOC150051	Medium	150051	XM_097792	M-024363-00		
LOC151256	Medium	DC	XM_087141	M-023117-00		
LOC155036	Medium	155036	XM_376722	M-028875-00		
LOC253039	Medium	253039	BC052374	M-032270-00		
LOC256223	Medium	256223	XM_170840	M-023341-00		
LOC283604	Medium	DC	XM_211088	M-022005-00		
LOC284546	Medium	284546	XM_209252	M-021794-00		
LOC285331	Medium	285331	XM_376238	M-028111-00		
LOC285889	Medium	285889	XM_379535	M-028753-00		
LOC286009	Medium	286009	XM_376665	M-028925-00		
LOC286144	Medium	286144	XM_379592	M-029342-00		
LOC339803	Medium	339803	XM_379098	M-027847-00		
LOC339862	Medium	339862	XM_376212	M-028079-00		
LOC340017	Medium	340017	XM_379288	M-028274-00		
LOC340843	Medium	340843	XM_291726	M-026400-00		
LOC387718	Medium	387718	XM_370582	M-029689-00		
LOC388001	Medium	DC	XM_373599	M-030312-00		
LOC388002	Medium	388002	XM_373600	M-030313-00		
LOC388142	Medium	DC	XM_373638	M-030440-00		
LOC388160	Medium	388160	XM_370894	M-030559-00		
LOC388361	Medium	DC	XM_371034	M-030937-00		
LOC388454	Medium	DC	XM_373770	M-031006-00		
LOC388624	Medium	DC	XM_371244	M-027463-00		
LOC388642	Medium	388642	XM_371261	M-027404-00		
LOC388929	Medium	DC	XM_371480	M-027811-00		
LOC389250	Medium	DC	XM_374101	M-028302-00		
LOC389428	Medium	389428	XM_371846	M-028596-00		
LOC389541	Medium	389541	XM_371939	M-028918-00		

LOC390299	Medium		390299	XM_372452	M-030139-00		
LOC392586	Medium	DC		XM_373398	M-031680-00		
LOC392791	Medium	DC		XM_374752	M-029140-00		
LOC399818	Medium		399818	NM_212554	M-032543-00		
LOC399844	Medium		399844	XM_374858	M-029930-00		
LOC400121	Medium		400121	XM_375018	M-030216-00		
LOC400301	Medium	DC		XM_375150	M-030530-00		
LOC400479	Medium	DC		XM_375282	M-030767-00		
LOC400714	Medium	DC		XM_375639	M-031138-00		
LOC400733	Medium	DC		XM_378835	M-027390-00		
LOC400950	Medium		400950	XM_376049	M-027830-00		
LOC401222	Medium		401222	XM_379380	M-028560-00		
LOC401293	Medium	DC		XM_376558	M-028730-00		
LOC401440	Medium	DC		XM_379539	M-029252-00		
LOC91614	Medium		91614	NM_139160	M-016878-00		
LRRK2	Medium		120892	XM_058513	M-006323-00		
LYPLAL1	Medium		127018	NM_138794	M-008388-00		
MADD	Medium		8567	NM_003682	M-004429-01		
MAGEA2B	Medium		266740	NM_153488	M-019148-00		
MAGEB1	Medium		4112	NM_002363	M-011325-00		
MBL2	Medium		4153	NM_000242	M-011080-00		
MBTPS1	Medium		8720	NM_003791	M-005939-01		
METTL3	Medium		56339	NM_019852	M-005170-00	YES	
MGC:13379	Medium		51259	NM_016499	M-017173-00		
MGC26717	Medium		285237	NM_173824	M-009016-00		
MGC4170	Medium		79158	NM_024312	M-031144-00		
MGC71806	Medium		374378	NM_198516	M-031763-00		
MIR (MARCH8)	Medium		220972	NM_145021	M-007161-01		
MIR16	Medium		51573	NM_016641	M-009233-00		
MLANA	Medium		2315	NM_005511	M-012715-00		
MMAB	Medium		326625	NM_052845	M-015137-00		
MMP2	Medium		4313	NM_004530	M-005959-02		
MSH2	Medium		4436	NM_000251	M-003909-01	YES	MSH2
MST1R	Medium		4486	NM_002447	M-003157-02		
MTB	Medium		54892	NM_017760	M-018283-00		
MTP	Medium		4547	NM_000253	M-008301-00		
MUC5B	Medium		4587	XM_039877	M-026763-00		
MYO10	Medium		4651	NM_012334	M-007217-00		
MYOD1	Medium		4654	NM_002478	M-010316-00		
NALP14	Medium		338323	NM_176822	M-019075-00		
NDUFB3	Medium		4709	NM_002491	M-019604-00		
NET-5	Medium		10867	NM_006675	M-012293-00		
NFE2L3	Medium		9603	NM_004289	M-009308-00		
NOTCH2	Medium		4853	NM_024408	M-012235-00		
NUDT14	Medium		256281	NM_177533	M-009076-00		
OIT3	Medium		170392	NM_152635	M-016942-00		
OR10K1	Medium		391109	NM_00100447	M-032412-00		
OR51G2	Medium		81282	NM_00100523	M-032428-00		
OR6V1	Medium		346517	NM_00100166	M-032315-00		
OS-9	Medium		10956	NM_006812	M-010811-00		
P2RX3	Medium		5024	NM_002559	M-006284-00		
PABPC4	Medium		8761	NM_003819	M-011528-00		
PAFAH2	Medium		5051	NM_000437	M-008583-01		

PAR6G	Medium	84552	NM_032510	M-014909-00		
PCDH18	Medium	54510	NM_019035	M-013372-00		
PCDHA2	Medium	56146	NM_018905	M-013260-00		
PDE1A	Medium	5136	NM_005019	M-007641-00		
PDE3B	Medium	5140	NM_000922	M-007646-01		
PDE5A	Medium	8654	NM_001083	M-007667-02		
PDE6D	Medium	5147	NM_002601	M-004310-02		
PDIR	Medium	10954	NM_006810	M-019826-00		
PER1	Medium	5187	NM_002616	M-011350-00	YES	
PEX14	Medium	5195	NM_004565	M-012676-00		
PHLDA1	Medium	22822	NM_007350	M-012389-00		
PHTF2	Medium	57157	NM_020432	M-013848-00		
PIAS3	Medium	10401	NM_006099	M-004164-01		
PLEC1	Medium	5339	NM_000445	M-003945-01	YES	
PLEKHM1	Medium	9842	NM_014798	M-023203-00		
PODXL	Medium	5420	NM_005397	M-010617-00		
PON1	Medium	5444	NM_000446	M-009229-00		
PORCN	Medium	64840	NM_022825	M-009613-00		
PPARB	Medium	5469	NM_004774	M-004126-03	YES	
PPGB	Medium	5476	NM_000308	M-006004-00		
PPM1L	Medium	151742	NM_139245	M-008679-00		
PPP1R2	Medium	5504	NM_006241	M-015361-00		
PPP2CA	Medium	5515	NM_002715	M-003598-00		PPP2CA
PQLC1	Medium	80148	NM_025078	M-018387-00		
PRICKLE2	Medium	166336	NM_198859	M-023495-00		
PRKAG2	Medium	51422	NM_016203	M-009693-00	YES	
PSCD1	Medium	9267	NM_004762	M-011926-00		
PTP4A2	Medium	8073	NM_003479	M-009078-00		
PTPRO	Medium	5800	NM_002848	M-008500-01		
RAB43	Medium	339122	XM_290714	M-028161-00		
RAB6B	Medium	51560	NM_016577	M-008548-00		
RAB9P1	Medium	9366	NR_000039	M-032266-00		
RAP1B	Medium	5908	NM_015646	M-010364-01		
RASSF1	Medium	11186	NM_007182	M-017219-00		
RBM15	Medium	64783	NM_022768	M-010854-00	YES	
RBMS1	Medium	5937	NM_002897	M-011377-00		
RFX2	Medium	5990	NM_000635	M-011129-00		
RGL1	Medium	23179	NM_015149	M-008387-00		
RNASE1	Medium	6035	NM_002933	M-015643-00		
RP42	Medium	54165	NM_020640	M-019139-00		
RPS27L	Medium	51065	NM_015920	M-013231-00		
SBDS	Medium	51119	NM_016038	M-019217-00		
SCGB1A1	Medium	7356	NM_003357	M-016680-00		
SEPT11	Medium	55752	NM_018243	M-020249-00		
SF1	Medium	7536	NM_004630	M-012662-00		
SH3GLB2	Medium	56904	NM_020145	M-015810-00		
SHFM1	Medium	7979	NM_006304	M-021353-00		SHFM1
SLC22A9	Medium	114571	NM_080866	M-007460-00		
SLC25A12	Medium	8604	NM_003705	M-007471-00		
SLC2A1	Medium	6513	NM_006516	M-007509-01	YES	
SMBP	Medium	56889	NM_020123	M-010220-00		
SMC5L1	Medium	23137	NM_015110	M-014117-00		SMC5L1
SMCR8	Medium	140775	NM_144775	M-017373-00		

SMNDC1	Medium	10285	NM_005871	M-016257-00		
SQLE	Medium	6713	NM_003129	M-009646-00		
SQRDL	Medium	58472	NM_021199	M-008271-00		
SREB3	Medium	54328	NM_018969	M-005727-01		
SRPK2	Medium	6733	NM_182691	M-004839-01		
STAC	Medium	6769	NM_003149	M-019732-00		
STK22D	Medium	83942	NM_032028	M-005038-02		
TAB3	Medium	257397	NM_152787	M-015572-00		
TFAP2B	Medium	7021	NM_003221	M-017730-00		
TFF1	Medium	7031	NM_003225	M-003715-00		
TNFRSF19	Medium	55504	NM_018647	M-008098-00		
TOR2A	Medium	27433	NM_130459	M-015292-00		
TPBG	Medium	7162	NM_006670	M-004304-00		
TPTE	Medium	7179	NM_013315	M-008745-01		
TRAG3	Medium	9598	NM_004909	M-005212-00		
TRAM1	Medium	23471	NM_014294	M-018676-00		
TRAP1	Medium	10131	NM_016292	M-010104-00		
TRAPPC6B	Medium	122553	NM_177452	M-018297-00		
TUBA8	Medium	51807	NM_018943	M-009374-00		
TULP2	Medium	7288	NM_003323	M-011414-00		
UBE2J2	Medium	118424	NM_058167	M-008614-00		
UGT2B15	Medium	7366	NM_001076	M-020194-00		
UROD	Medium	7389	NM_000374	M-013415-00		
USP11	Medium	8237	NM_004651	M-006063-00		USP11
VCL	Medium	7414	NM_003373	M-009288-00		
VKORC1L1	Medium	154807	NM_173517	M-018539-00		
WASF1	Medium	8936	NM_003931	M-011557-00		
WDR40B	Medium	139170	NM_178470	M-017873-00		
WFDC2	Medium	10406	NM_006103	M-010564-00		
WISP1	Medium	8840	NM_003882	M-010555-00		
WNT3A	Medium	89780	NM_033131	M-008538-00		
ZFP36L1	Medium	677	NM_004926	M-011816-00		
ZMYND10	Medium	51364	NM_015896	M-021401-00		
ZNF215	Medium	7762	NM_013250	M-020661-00		
ZNF223	Medium	7766	NM_013361	M-006592-00		
ZNF26	Medium	7574	NM_019591	M-021443-00		
ZNF307	Medium	387032	NM_019110	M-032209-00	YES	
ZNF514	Medium	84874	NM_032788	M-014996-00		
ZNF619	Medium	285267	NM_173656	M-018125-00		
ACTA2	Weak+	59	NM_001613	M-003450-00		
ACTL6	Weak+	51412	NM_016188	M-009422-01		
ACTR10	Weak+	55860	NM_018477	M-020824-00		
ACTR1B	Weak+	10120	NM_005735	M-012075-00		
ADAM30	Weak+	11085	NM_021794	M-005759-00		
ADAMTS15	Weak+	170689	NM_139055	M-005766-01		
ADAMTS4	Weak+	9507	NM_005099	M-003807-00		
AKAP8	Weak+	10270	NM_005858	M-009656-01		
ALS2CR14	Weak+	65068	NM_178231	M-018351-00		
ALS2CR8	Weak+	79800	NM_024744	M-015280-00		
AMELY	Weak+	266	NM_001143	M-011205-00		
APG4D	Weak+	84971	NM_032885	M-005790-00		
APOBEC2	Weak+	10930	NM_006789	M-019944-00		
APTX	Weak+	54840	NM_175069	M-013368-00		APTX

ARHGAP5	Weak+	394	NM_001173	M-009580-00		
ARHGEF10	Weak+	9639	NM_014629	M-013460-00		
AUP1	Weak+	550	NM_012103	M-012410-00		
AZU1	Weak+	566	NM_001700	M-008914-00		
B3GALT1	Weak+	8708	NM_020981	M-013691-00		
B3GNT3	Weak+	10331	NM_014256	M-009034-01		
B4GALT1	Weak+	2683	NM_001497	M-012965-00		
BANF1	Weak+	8815	NM_003860	M-011536-00		
BASE	Weak+	317716	NM_173859	M-010740-00		
BFSP2	Weak+	8419	NM_003571	M-011471-00		
BIRC1	Weak+	4671	NM_004536	M-004389-01		
C10ORF33	Weak+	84795	NM_032709	M-010185-00		
C10ORF57	Weak+	80195	NM_025125	M-018946-00		
C14ORF147	Weak+	171546	NM_138288	M-017156-00		
C14ORF149	Weak+	112849	NM_144581	M-010373-00		
C14ORF160	Weak+	79944	NM_024884	M-008130-00		
C14ORF48	Weak+	256369	NM_152777	M-016258-00		
C19ORF2	Weak+	8725	NM_003796	M-017399-00		
C1ORF21	Weak+	81563	NM_030806	M-010941-00		
C1S	Weak+	716	NM_001734	M-005796-01		
C20ORF53	Weak+	140826	NM_178472	M-018137-00		
C21ORF130	Weak+	284835	XM_379011	M-031382-00		
C22ORF19	Weak+	8563	NM_003678	M-015317-00	YES	
C6ORF214	Weak+	401247	NM_207496	M-032203-00		
CA11	Weak+	770	NM_001217	M-009336-00		
CALR3	Weak+	125972	NM_145046	M-016230-00		
CASP3	Weak+	836	NM_004346	M-004307-01		
CCL26	Weak+	10344	NM_006072	M-007838-00		
CCM1	Weak+	889	NM_004912	M-003825-01		
CDC26	Weak+	246184	NM_139286	M-017290-00	YES	
CDK5	Weak+	1020	NM_004935	M-003239-01		
CHD6	Weak+	84181	NM_032221	M-017349-00		
CKIP-1	Weak+	51177	NM_016274	M-016800-00		
CLIC2	Weak+	1193	NM_001289	M-012982-00		
CLTB	Weak+	1212	NM_001834	M-004003-00		
COX6A2	Weak+	1339	NM_005205	M-012021-00		
CPSF2	Weak+	53981	NM_017437	M-013404-00		
CRY2	Weak+	1408	NM_021117	M-014151-00		
CSN3	Weak+	1448	NM_005212	M-019940-00		
CTTNBP2	Weak+	83992	NM_033427	M-015103-00		
CWF19L1	Weak+	55280	NM_018294	M-016322-00		
CYP2C9	Weak+	1559	NM_000771	M-008285-00		
DAZL	Weak+	1618	NM_001351	M-011249-00		
DEDD	Weak+	9191	NM_004216	M-004421-00		
DHDDS	Weak+	79947	NM_024887	M-010399-00		
DKFZP313N06	Weak+	285343	NM_173826	M-018121-00		
DKFZP434E14	Weak+	284498	XM_209234	M-021566-00		
DKFZP564D17	Weak+	83989	NM_032042	M-016828-00		
DKFZP564I19	Weak+	25878	NM_015419	M-013988-00		
DSPG3	Weak+	1833	NM_004950	M-011997-00		
E2F2	Weak+	1870	NM_004091	M-003260-02		
EAP30	Weak+	11267	NM_007241	M-004695-00		
ELAVL1	Weak+	1994	NM_001419	M-003773-01		

ELSPBP1	Weak+	64100	NM_022142	M-013046-00		
EMR4	Weak+	326342	XM_377506	M-031217-00		
EPHA1	Weak+	2041	NM_005232	M-003115-02		
FAM21C	Weak+	253725	XM_350780	M-029678-00		
FANCE	Weak+	2178	NM_021922	M-013991-00		FANCE
FBXL12	Weak+	54850	NM_017703	M-005204-01		
FERD3L	Weak+	222894	NM_152898	M-008437-00		
FLJ14503	Weak+	256714	NM_152780	M-016260-00		
FLJ14959	Weak+	284391	XM_371139	M-031230-00		
FLJ16478	Weak+	440695	NM_00100434	M-032398-00		
FLJ20534	Weak+	54969	NM_017867	M-020849-00		
FLJ20716	Weak+	55026	NM_017938	M-018099-00		
FLJ22729	Weak+	79736	NM_024683	M-014410-00		
FLJ23518	Weak+	79780	NM_024725	M-015438-00	YES	
FLJ25222	Weak+	374666	NM_199163	M-032015-00		
FLJ25955	Weak+	164781	NM_178821	M-017857-00		
FLJ30435	Weak+	387628	XM_376845	M-031885-00		
FLJ32356	Weak+	144717	NM_144671	M-015976-00		
FLJ33860	Weak+	284756	NM_173644	M-018187-00		
FLJ33977	Weak+	285605	NM_173666	M-018032-00		
FLJ34969	Weak+	201627	NM_152678	M-016505-00		
FLJ35036	Weak+	253461	XM_172341	M-023605-00		
FLJ35487	Weak+	284505	NM_173820	M-018167-00		
FLJ36032	Weak+	284485	XM_371311	M-021716-00		
FLJ37440	Weak+	129804	NM_153214	M-016726-00		
FLJ37451	Weak+	284161	NM_182569	M-018992-00		
FLJ38281	Weak+	163051	NM_152601	M-016641-00		
FLJ40321	Weak+	284355	NM_198479	M-027234-00		
FLJ42220	Weak+	400207	NM_207441	M-032121-00		
FLJ43826	Weak+	342666	NM_198502	M-027247-00		
FLJ44955	Weak+	401278	NM_207500	M-032184-00		
FLJ45645	Weak+	375287	NM_198557	M-027267-00		
FLJ46082	Weak+	389799	NM_207417	M-032095-00		
FLJ46111	Weak+	283102	NM_198473	M-027228-00		
FLJ90805	Weak+	284339	NM_173633	M-018209-00		
G6PC	Weak+	2538	NM_000151	M-011037-00		
GALNT9	Weak+	50614	NM_021808	M-013069-00		
GDF2	Weak+	2658	NM_016204	M-013233-00		
GMPR	Weak+	2766	NM_006877	M-008258-01		
GNA14	Weak+	9630	NM_004297	M-008561-00		
GNAT3	Weak+	346562	XM_294370	M-028947-00		
GP6	Weak+	51206	NM_016363	M-021356-00		
GPR155	Weak+	151556	NM_152529	M-005494-00		
GPR20	Weak+	2843	NM_005293	M-005555-01		
GREM1	Weak+	26585	NM_013372	M-021492-00		
GRINA	Weak+	2907	XM_291268	M-010697-01		
GRIP1	Weak+	23426	XM_290559	M-026981-00		
GUCA1A	Weak+	2978	NM_000409	M-019288-00		
GUCA1C	Weak+	9626	NM_005459	M-019952-00		
H2AFB	Weak+	83740	XM_373381	M-024979-00		
HEPH	Weak+	9843	NM_014799	M-009498-00		
HIP-55	Weak+	28988	NM_014063	M-016867-00		
HIST1H2AM	Weak+	8336	NM_003514	M-011436-00		

HIST1H4L	Weak+	8368	NM_003546	M-011465-00		
HKR2	Weak+	342945	NM_181846	M-007175-00	YES	
HMGCS2	Weak+	3158	NM_005518	M-010179-00		
HMGN2	Weak+	3151	NM_005517	M-012710-00		
HMGN3	Weak+	9324	NM_004242	M-011932-00		
HOXC11	Weak+	3227	NM_014212	M-017602-00		
HPS3	Weak+	84343	NM_032383	M-017309-00		
HSPC135	Weak+	29083	NM_014170	M-020699-00		
IL1A	Weak+	3552	NM_000575	M-007952-01		
IL9	Weak+	3578	NM_000590	M-007997-01		
IMPA2	Weak+	3613	NM_014214	M-008348-00		
INMT	Weak+	11185	NM_006774	M-015314-00		
INPP5F	Weak+	22876	NM_014937	M-020409-00		
JARID1D	Weak+	8284	NM_004653	M-010820-00		
KA35	Weak+	390792	NM_213656	M-032554-00		
KBTBD5	Weak+	131377	NM_152393	M-016211-00		
KCNH7	Weak+	90134	NM_033272	M-006237-01		
KCNV1	Weak+	27012	NM_014379	M-006278-01		
KIAA0117	Weak+	23029	NM_015014	M-022399-00	YES	
KIAA0495	Weak+	57212	NM_207306	M-027524-00		
KIAA0523	Weak+	23302	XM_041964	M-023005-00		
KIAA0676	Weak+	23061	NM_015043	M-031872-00		
KIAA0795	Weak+	23276	NM_025010	M-014549-00		
KIAA0825	Weak+	23004	XM_371761	M-028430-00		
KIAA0931	Weak+	23035	XM_041191	M-022586-00		
KIAA1068	Weak+	23386	NM_015332	M-014018-00	YES	
KIAA1239	Weak+	57495	XM_049078	M-023887-00		
KIAA1446	Weak+	57596	NM_020836	M-014095-00	YES	
KIAA2010	Weak+	55671	NM_032560	M-019093-00		
KLHDC5	Weak+	57542	NM_020782	M-027054-00	YES	
KLHL10	Weak+	317719	NM_152467	M-015577-00		
KRT20	Weak+	54474	NM_019010	M-013390-00		
KRT24	Weak+	192666	NM_019016	M-021177-00		
KRT25B	Weak+	353288	NM_181539	M-018748-00		
KRT25C	Weak+	342574	NM_181537	M-018754-00		
LMNA	Weak+	4000	NM_170707	M-004978-00		
LOC128710	Weak+	128710	XM_059267	M-024240-00		
LOC134492	Weak+	134492	NM_145266	M-016043-00		
LOC144776	Weak+	144776	XM_375033	M-030181-00		
LOC152015	Weak+	152015	XM_042178	M-023589-00		
LOC152742	Weak+	152742	XM_379260	M-028346-00		
LOC167127	Weak+	167127	NM_174914	M-017807-00		
LOC219612	Weak+	DC	XM_168585	M-025428-00		
LOC253017	Weak+	253017	XM_171068	M-024084-00		
LOC253289	Weak+	DC	XM_171165	M-025271-00		
LOC283116	Weak+	283116	XM_208043	M-026798-00		
LOC283214	Weak+	283214	XM_378303	M-029918-00		
LOC283219	Weak+	283219	XM_374915	M-026714-00		
LOC284240	Weak+	284240	XM_378763	M-031033-00		
LOC284390	Weak+	284390	XM_371138	M-031229-00		
LOC284397	Weak+	DC	XM_209180	M-026191-00		
LOC284749	Weak+	284749	XM_378983	M-031307-00		
LOC285045	Weak+	285045	XM_379086	M-027824-00		

LOC285248	Weak+	DC	XM_211816	M-023664-00		
LOC285335	Weak+	285335	XM_210562	M-023575-00		
LOC286087	Weak+	286087	AK091675	M-032283-00		
LOC286157	Weak+	286157	XM_209920	M-025973-00		
LOC286235	Weak+	286235	XM_212238	M-026010-00		
LOC286442	Weak+	286442	XM_379700	M-031665-00		
LOC338751	Weak+	338751	XM_291977	M-026845-00		
LOC339321	Weak+	339321	XM_290831	M-023650-00		
LOC339448	Weak+	339448	NM_207356	M-021859-00		
LOC339451	Weak+	339451	NM_198317	M-031770-00		
LOC339476	Weak+	339476	XM_378923	M-027548-00		
LOC339788	Weak+	339788	XM_379074	M-027975-00		
LOC339896	Weak+	339896	NM_207359	M-023510-00		
LOC340109	Weak+	340109	XM_379322	M-028502-00		
LOC341371	Weak+	DC	XM_292029	M-027052-00		
LOC343705	Weak+	DC	XM_293157	M-024297-00		
LOC344709	Weak+	344709	XM_298233	M-023276-00		
LOC345462	Weak+	345462	XM_293828	M-024604-00		
LOC374395	Weak+	374395	NM_199337	M-032107-00		
LOC375759	Weak+	375759	NM_199350	M-032130-00		
LOC387601	Weak+	387601	NM_199352	M-031740-00		
LOC387638	Weak+	387638	XM_373449	M-029768-00		
LOC387643	Weak+	DC	XM_370537	M-029773-00		
LOC387702	Weak+	DC	XM_370570	M-029644-00		
LOC387723	Weak+	387723	XM_370586	M-029797-00		
LOC387816	Weak+	DC	XM_370664	M-029818-00		
LOC387845	Weak+	387845	XM_370684	M-030125-00		
LOC387883	Weak+	DC	XM_373545	M-030167-00		
LOC387921	Weak+	387921	XM_370722	M-030217-00		
LOC387933	Weak+	387933	XM_370728	M-030233-00		
LOC387983	Weak+	DC	XM_373588	M-030282-00		
LOC388077	Weak+	388077	XM_370834	M-030547-00		
LOC388117	Weak+	123745	XM_373627	M-030395-00		
LOC388167	Weak+	DC	XM_370899	M-030481-00		
LOC388271	Weak+	388271	XM_370980	M-030764-00		
LOC388278	Weak+	DC	XM_373687	M-030625-00		
LOC388403	Weak+	388403	XM_371070	M-030916-00		
LOC388440	Weak+	9560	XM_371092	M-030992-00		
LOC388491	Weak+	DC	XM_371125	M-031203-00		
LOC388561	Weak+	388561	XM_371192	M-031148-00		
LOC388605	Weak+	388605	XM_371230	M-027586-00		
LOC388650	Weak+	388650	XM_371269	M-027412-00		
LOC388774	Weak+	55061	XM_371374	M-027700-00		
LOC388969	Weak+	388969	XM_371506	M-027866-00		
LOC389031	Weak+	389031	XM_371555	M-027951-00		
LOC389107	Weak+	DC	XM_371626	M-028093-00		
LOC389188	Weak+	DC	XM_374070	M-028129-00		
LOC389276	Weak+	DC	XM_371728	M-028500-00		
LOC389288	Weak+	DC	XM_374120	M-028517-00		
LOC389290	Weak+	DC	XM_374121	M-028490-00		
LOC389362	Weak+	389362	XM_374159	M-028632-00		
LOC389457	Weak+	389457	XM_374200	M-028798-00		
LOC389530	Weak+	DC	XM_291247	M-028903-00		

LOC389602	Weak+	DC	XM_372004	M-028752-00		
LOC389642	Weak+	DC	XM_374261	M-029231-00		
LOC389676	Weak+	389676	XM_374276	M-029343-00		
LOC389950	Weak+	DC	XM_372307	M-029790-00		
LOC390213	Weak+	390213	XM_372418	M-029906-00		
LOC390466	Weak+	DC	XM_372521	M-030360-00		
LOC390877	Weak+	390877	XM_372705	M-031216-00		
LOC391001	Weak+	391001	XM_372761	M-027644-00		
LOC391656	Weak+	391656	XM_373027	M-028288-00		
LOC391707	Weak+	391707	XM_373036	M-028279-00		
LOC392152	Weak+	DC	XM_373219	M-028889-00		
LOC392164	Weak+	DC	XM_373224	M-028795-00		
LOC392347	Weak+	DC	XM_373298	M-029432-00		
LOC392563	Weak+	392563	XM_373382	M-031654-00		
LOC392583	Weak+	DC	XM_374379	M-031678-00		
LOC392621	Weak+	389457	XM_374711	M-028971-00		
LOC392726	Weak+	DC	XM_374734	M-029100-00		
LOC399707	Weak+	DC	XM_378202	M-029701-00		
LOC399786	Weak+	DC	XM_378236	M-029755-00		
LOC400123	Weak+	400123	XM_378411	M-030218-00		
LOC400586	Weak+	DC	XM_375424	M-030973-00		
LOC400643	Weak+	400643	XM_378738	M-031017-00		
LOC400682	Weak+	400682	XM_375590	M-031261-00		
LOC400842	Weak+	DC	XM_375914	M-031352-00		
LOC400992	Weak+	DC	XM_379118	M-027796-00		
LOC401095	Weak+	401095	XM_376278	M-028187-00		
LOC401155	Weak+	DC	XM_379276	M-028251-00		
LOC401215	Weak+	DC	XM_379368	M-028447-00		
LOC401234	Weak+	DC	XM_379395	M-028675-00		
LOC401242	Weak+	401242	XM_379402	M-028688-00		
LOC401286	Weak+	401286	XM_376555	M-028648-00		
LOC401442	Weak+	401442	XM_379543	M-029257-00		
LOC401471	Weak+	401471	XM_379595	M-029346-00		
LOC401477	Weak+	DC	XM_379605	M-029360-00		
LOC401551	Weak+	401551	XM_376909	M-029592-00		
LOC402469	Weak+	402469	XM_379797	M-028996-00		
LOC402682	Weak+	402682	XM_380026	M-031835-00		
LOC51234	Weak+	51234	NM_016454	M-021126-00		
LOC56920	Weak+	56920	NM_020163	M-020454-00		
LOC57019	Weak+	57019	NM_020313	M-020666-00		
LOC90113	Weak+	90113	XM_291077	M-023782-00		
LRG47	Weak+	345611	XM_293893	M-028450-00		
LRRK1	Weak+	79705	NM_024652	M-005320-01		
LSECTIN	Weak+	339390	NM_198492	M-032216-00		
MADP-1	Weak+	85437	NM_033114	M-016700-00		
MAN1	Weak+	23592	NM_014319	M-006306-00		
MGC11332	Weak+	84804	NM_032718	M-007357-00		
MGC12965	Weak+	374408	NM_198519	M-031766-00		
MGC14798	Weak+	89978	NM_080650	M-031880-00		
MGC26710	Weak+	150280	NM_152510	M-016850-00		
MGC42638	Weak+	340561	NM_178567	M-009099-00		
MLLT4	Weak+	4301	NM_005936	M-020075-00	YES	
MMP27	Weak+	64066	NM_022122	M-005966-00		

MX2	Weak+	4600	NM_002463	M-011736-00		
MYH8	Weak+	4626	NM_002472	M-012646-00		
N2N	Weak+	388677	NM_203458	M-032019-00		
NCB5OR	Weak+	51167	NM_016230	M-009347-00		
NLGN4Y	Weak+	22829	NM_014893	M-008441-00		
NME5	Weak+	8382	NM_003551	M-006754-00		
NR6A1	Weak+	2649	NM_001489	M-003431-01		
NTSR2	Weak+	23620	NM_012344	M-005676-00		
NYD-TSP1	Weak+	84654	NM_032567	M-015845-00		
OCLM	Weak+	10896	NM_022375	M-027310-00		
OR11A1	Weak+	26531	NM_013937	M-008813-00		
OR11G2	Weak+	390439	NM_00100550	M-032483-00		
OR2T11	Weak+	127077	NM_00100196	M-032345-00		
OR4P4	Weak+	81300	NM_00100412	M-032377-00		
OR6N2	Weak+	81442	NM_00100527	M-032438-00		
PAFAH1B2	Weak+	5049	NM_002572	M-008797-00		
PCDHGB3	Weak+	56102	NM_018924	M-013290-00		
PDE4A	Weak+	5141	NM_006202	M-007647-00		
PDZK6	Weak+	27152	NM_015693	M-031873-00		
PICALM	Weak+	8301	NM_007166	M-004004-02		
PIK3C3	Weak+	5289	NM_002647	M-005250-00		
PITPNM1	Weak+	9600	NM_004910	M-019888-00		
PMP22	Weak+	5376	NM_000304	M-010616-00		
POTE15	Weak+	339010	NM_207355	M-032043-00		
PREP	Weak+	5550	NM_002726	M-006006-01		
PTBP2	Weak+	58155	NM_021190	M-021323-00		
PTCH	Weak+	5727	NM_000264	M-003924-00		
PTPLA	Weak+	9200	NM_014241	M-008742-00		
PTPN21	Weak+	11099	NM_007039	M-009379-01		
PTPRK	Weak+	5796	NM_002844	M-004204-01		
RAB22A	Weak+	57403	NM_020673	M-019214-00		
RAB5A	Weak+	5868	NM_004162	M-004009-00		
RAC4	Weak+	286472	XM_210062	M-031617-00		
RAD17	Weak+	5884	NM_002873	M-003294-01		RAD17
RARRES3	Weak+	5920	NM_004585	M-011889-01		
RBM23	Weak+	55147	NM_018107	M-016689-00		
REG4	Weak+	83998	NM_032044	M-013538-00		
REL	Weak+	5966	NM_002908	M-004768-00		
RERE	Weak+	473	NM_012102	M-008367-00		
RFXAP	Weak+	5994	NM_000538	M-011104-00		
RHPN1	Weak+	114822	NM_052924	M-015163-00		
RLN1	Weak+	6013	NM_006911	M-017403-00		
RNF125	Weak+	54941	NM_017831	M-007005-00		
ROCK2	Weak+	9475	NM_004850	M-004610-01	YES	
ROD1	Weak+	9991	NM_005156	M-019452-00		
RUVBL1	Weak+	8607	NM_003707	M-008977-00		RUVBL1
S100A5	Weak+	6276	NM_002962	M-011768-00		
SAA4	Weak+	6291	NM_006512	M-012747-00		
SCGB1D2	Weak+	10647	NM_006551	M-012291-00		
SCML4	Weak+	256380	NM_198081	M-021430-00		
SCN11A	Weak+	11280	NM_014139	M-006296-01		
SCN4A	Weak+	6329	NM_000334	M-006300-01		
SERPINB2	Weak+	5055	NM_002575	M-010859-00		

SH3MD4	Weak+	344558	XM_293090	M-027806-00		
SH3YL1	Weak+	26751	NM_015677	M-020542-00		
SIAT7C	Weak+	256435	NM_152996	M-015456-00		
SIX4	Weak+	51804	NM_017420	M-020267-00	YES	
SLC17A5	Weak+	26503	NM_012434	M-007415-00		
SLC22A1	Weak+	6580	NM_003057	M-007443-00		
SLC2A9	Weak+	56606	NM_020041	M-007521-00		
SLC35D1	Weak+	23169	NM_015139	M-007546-00		
SLC6A19	Weak+	340024	XM_291120	M-007352-00		
SLC6A3	Weak+	6531	NM_001044	M-007603-01		
SMA4	Weak+	11039	NM_021652	M-027285-00		
SMARCAD1	Weak+	56916	NM_020159	M-013801-00	YES	
SMARCD2	Weak+	6603	NM_003077	M-011393-00		SMARCD2
SMO	Weak+	6608	NM_005631	M-005726-00		
SMPD3	Weak+	55512	NM_018667	M-006678-00		
SNAPC3	Weak+	6619	NM_003084	M-012601-00	YES	
SNX4	Weak+	8723	NM_003794	M-011520-00		
SPATA1	Weak+	64173	NM_022354	M-014045-00		
SPRY1	Weak+	10252	NM_005841	M-027339-00		
SPRY2	Weak+	10253	NM_005842	M-005206-01		
SYT14L	Weak+	83851	NM_031914	M-014750-00		
TAC1	Weak+	6863	NM_003182	M-011788-00		
TANK	Weak+	10010	NM_004180	M-005255-00		
TBPL1	Weak+	9519	NM_004865	M-017254-00		
TCTA	Weak+	6988	NM_022171	M-019640-00		
THBS1	Weak+	7057	NM_003246	M-019743-00		
TLR9	Weak+	54106	NM_017442	M-004066-01		
TM4SF8	Weak+	10099	NM_005724	M-010735-00		
TOMM34	Weak+	10953	NM_006809	M-016439-00		
TOP3A	Weak+	7156	NM_004618	M-005279-00		TOP3A
TRA1	Weak+	7184	NM_003299	M-006417-01		
TRAM1L1	Weak+	133022	NM_152402	M-016877-00		
TRAPPC1	Weak+	58485	NM_021210	M-013781-00		
TRIM50B	Weak+	375593	NM_198924	M-028896-00		
TTC16	Weak+	158248	NM_144965	M-017031-00		
U2AF1L1	Weak+	7310	NM_005083	M-006595-00		
UBE2D1	Weak+	7321	NM_003338	M-009387-01		
UBQLN3	Weak+	50613	NM_017481	M-013398-00		
UGT1A6	Weak+	54578	NM_001072	M-020196-00		
UNQ6369	Weak+	347365	NM_198510	M-027250-00		
UPP2	Weak+	151531	NM_173355	M-006646-00		
USP31	Weak+	57478	NM_020718	M-022513-00		
VN1R1	Weak+	57191	NM_020633	M-013177-00		
XPO5	Weak+	57510	NM_020750	M-014000-00		
ZCWCC3	Weak+	23515	NM_015358	M-012976-00		
ZNF11B	Weak+	7558	NM_006955	M-012772-00		
ZNF585A	Weak+	199704	NM_152655	M-016432-00		
ZNF616	Weak+	90317	XM_030892	M-023805-00		
AADAT	Weak	51166	NM_016228	M-013159-00		
AB026190	Weak	27252	NM_014458	M-004893-00		
ABCB6	Weak	10058	NM_005689	M-007304-00		
ABCB9	Weak	23457	NM_019624	M-007307-00		
ABCC9	Weak	10060	NM_005691	M-007316-00		

ABHD3	Weak	171586	NM_138340	M-008587-00		
ACP6	Weak	51205	NM_016361	M-008665-00		
ACY1L2	Weak	135293	XM_072402	M-024889-00		
ADAM22	Weak	53616	NM_004194	M-009246-01		
ADAMTS1	Weak	9510	NM_006988	M-005761-01		
ADAMTS17	Weak	170691	NM_139057	M-005768-01		
ADAMTS19	Weak	171019	NM_133638	M-005770-01		
ADAR	Weak	103	NM_001111	M-008630-00		
ADFP	Weak	123	NM_001122	M-019204-00		
AF5Q31	Weak	27125	NM_014423	M-020276-00	YES	
AHSA2	Weak	130872	NM_152392	M-008942-00		
ALDH3A2	Weak	224	NM_000382	M-009386-01		
ALG6	Weak	29929	NM_013339	M-013662-00		
ALG8	Weak	79053	NM_024079	M-027136-00		
ALS2CR15	Weak	130026	NM_138468	M-016849-00		
AMY1A	Weak	276	NM_004038	M-012691-00		
ANKH	Weak	56172	NM_054027	M-012898-00		
ANKRD13	Weak	88455	NM_033121	M-027120-00		
ANP32A	Weak	8125	NM_006305	M-016060-00		
ANXA4	Weak	307	NM_001153	M-010742-01		
AP2A1	Weak	160	NM_014203	M-012492-00		
AQP6	Weak	363	NM_001652	M-011579-00		
AQP7	Weak	364	NM_001170	M-008726-00		
ARR3	Weak	407	NM_004312	M-019785-00		
ASNS	Weak	440	NM_001673	M-009377-01		
ATBF1	Weak	463	NM_006885	M-015412-00	YES	
ATOH7	Weak	220202	NM_145178	M-009030-00		
B2M	Weak	567	NM_004048	M-004366-00		
BCDO2	Weak	83875	NM_031938	M-014757-00		
BCHE	Weak	590	NM_000055	M-009826-01		
BCL11A	Weak	53335	NM_018014	M-006996-00		
BCL2A1	Weak	597	NM_004049	M-003306-00		
BFSP1	Weak	631	NM_001195	M-011218-00		
BHLHB3	Weak	79365	NM_030762	M-010043-00		
BPAG1	Weak	667	NM_001723	M-011596-00		
BRD9	Weak	65980	NM_023924	M-014250-00		
BSCL2	Weak	26580	NM_032667	M-016749-00		
BTBD4	Weak	140685	NM_025224	M-032520-00		
C10ORF107	Weak	219621	NM_173554	M-018457-00		
C10ORF86	Weak	54780	NM_017615	M-020566-00	YES	C10ORF86
C11ORF30	Weak	56946	NM_020193	M-004081-00		
C11ORF9	Weak	745	NM_013279	M-020692-00		
C14ORF101	Weak	54916	NM_017799	M-020793-00		
C14ORF150	Weak	112840	NM_080666	M-015254-00		
C14ORF39	Weak	317761	NM_174978	M-017933-00		
C17ORF37	Weak	84299	NM_032339	M-014864-00		
C19ORF18	Weak	147685	NM_152474	M-016200-00		
C19ORF30	Weak	284424	NM_174947	M-018479-00		
C19ORF4	Weak	25789	NM_012109	M-012412-00		
C1GALT1	Weak	56913	NM_020156	M-020490-00		
C1ORF17	Weak	23127	NM_015101	M-014120-00		
C1ORF29	Weak	10964	NM_006820	M-004599-00		
C1QDC1	Weak	65981	NM_032156	M-014793-00		

C20ORF141	Weak	128653	NM_080739	M-015265-00		
C20ORF43	Weak	51507	NM_016407	M-020569-00		
C2ORF23	Weak	65055	NM_022912	M-014235-00		
C6ORF109	Weak	25844	NM_015388	M-013995-00		
C6ORF123	Weak	26238	NM_014356	M-020580-00		
C6ORF152	Weak	167691	NM_181714	M-018595-00		
C6ORF175	Weak	404672	NM_207118	M-032021-00	YES	
C6ORF51	Weak	112495	NM_138408	M-015508-00		
C9ORF78	Weak	51759	NM_016482	M-020231-00		
CA1	Weak	759	NM_001738	M-010173-00		
CABLES2	Weak	81928	NM_031215	M-032282-00		
CAD	Weak	790	NM_004341	M-009471-00		
CALCA	Weak	796	NM_001741	M-021447-00		
CAMK1D	Weak	57118	NM_020397	M-004946-00		
CAPN12	Weak	147968	NM_144691	M-005802-00		
CAPN6	Weak	827	NM_014289	M-009423-00		
CAPS	Weak	828	NM_004058	M-011823-00		
CASK	Weak	8573	NM_003688	M-005311-01		
CBLB	Weak	868	NM_170662	M-003004-01		
CBLN1	Weak	869	NM_004352	M-011825-00		
CCNI	Weak	10983	NM_006835	M-003219-02		
CCNT1	Weak	904	NM_001240	M-003220-02		
CD22	Weak	933	NM_001771	M-019501-00		
CD44	Weak	960	NM_000610	M-009999-01		
CDC7	Weak	8317	NM_003503	M-003234-02		
CDK5R2	Weak	8941	NM_003936	M-008885-00		
CDYL	Weak	9425	NM_004824	M-008521-00		
CGI-109	Weak	51014	NM_181836	M-007855-00		
CGI-119	Weak	51643	NM_016056	M-020255-00		
CHAT	Weak	1103	NM_020549	M-009378-01		
CHRNA3	Weak	1136	NM_000743	M-006137-01		
CIDEB	Weak	27141	NM_014430	M-004410-01		
CIRBP	Weak	1153	NM_001280	M-020189-00		
CITED1	Weak	4435	NM_004143	M-016022-00		
CLCN1	Weak	1180	NM_000083	M-006149-00		
CLDN1	Weak	9076	NM_021101	M-017369-00		
CLDN15	Weak	24146	NM_014343	M-015596-00		
CLDN3	Weak	1365	NM_001306	M-017303-00		
CLDN8	Weak	9073	NM_199328	M-017049-00		
CLECSF5	Weak	23601	NM_013252	M-021371-00		
CLN3	Weak	1201	NM_000086	M-019282-00		
CLSTN2	Weak	64084	NM_022131	M-013883-00		
CNGB3	Weak	54714	NM_019098	M-006161-01		
COL7A1	Weak	1294	NM_000094	M-011017-00		
COLEC12	Weak	81035	NM_030781	M-013240-00		
COPS4	Weak	51138	NM_016129	M-021037-00		
COPS8	Weak	10920	NM_006710	M-015831-00		
COX7A1	Weak	1346	NM_001864	M-013152-00		
CPXM	Weak	56265	NM_019609	M-005829-01		
CPXM2	Weak	119587	NM_198148	M-005927-00		
CRBN	Weak	51185	NM_016302	M-021086-00		
CRHBP	Weak	1393	NM_001882	M-008423-00		
CRTAC1	Weak	55118	NM_018058	M-009527-00		

CRYAB	Weak	1410	NM_001885	M-009743-00		
CSH1	Weak	1442	NM_001317	M-011243-00		
CTMP	Weak	117145	NM_053055	M-008604-00		
CXCL9	Weak	4283	NM_002416	M-007881-00		
DACH1	Weak	1602	NM_004392	M-013222-00		
DAZ	Weak	1617	NM_004081	M-011840-00		
DBC-1	Weak	57805	NM_021174	M-010427-00		
DC13	Weak	56942	NM_020188	M-020330-00		
DCTN3	Weak	11258	NM_007234	M-012365-00		
DDEF2	Weak	8853	NM_003887	M-011544-00		
DGKG	Weak	1608	NM_001346	M-006715-00		
DKFZP434C03	Weak	54762	NM_017577	M-020545-00		
DKFZP434C18	Weak	399474	XM_033704	M-027563-00		
DKFZP434G05	Weak	54758	NM_017566	M-017013-00		
DKFZP434I11	Weak	25962	NM_015496	M-019278-00		
DKFZP434P21	Weak	29774	NM_014549	M-031949-00		
DKFZP564B16	Weak	25874	NM_015415	M-020233-00		
DKFZP564C04	Weak	345499	XM_376413	M-028432-00		
DKFZP566K05	Weak	26095	NM_015605	M-013909-00	YES	
DKFZP761C16	Weak	65056	NM_022913	M-014236-00		
DKFZP762O07	Weak	55529	NM_018710	M-013808-00		
DLEC1	Weak	9940	NM_005106	M-011983-00		
DLGAP4	Weak	22839	NM_014902	M-009452-00		
DLNB14	Weak	338657	NM_198489	M-027240-00		
DPP3	Weak	10072	NM_005700	M-005853-00		
DRE1	Weak	54800	NM_017644	M-020604-00		
DSCR9	Weak	257203	NM_148675	M-017055-00		
DTNB	Weak	1838	NM_021907	M-021367-01		
DUSP16	Weak	80824	NM_030640	M-007890-00		
DUT	Weak	1854	NM_001948	M-010258-00		
DVL2	Weak	1856	NM_004422	M-004069-01		
E2F5	Weak	1875	NM_001951	M-003263-02		
EDN1	Weak	1906	NM_001955	M-016692-00		
EDNRA	Weak	1909	NM_001957	M-005485-00		
EDNRB	Weak	1910	NM_000115	M-003657-01		
EEF1A2	Weak	1917	NM_001958	M-003882-00		
EGR1	Weak	1958	NM_001964	M-006526-01		
EHHADH	Weak	1962	NM_001966	M-009822-00		
EIF4G3	Weak	8672	NM_003760	M-019530-00		
EMCN	Weak	51705	NM_016242	M-015860-00		
EMP2	Weak	2013	NM_001424	M-016226-00		
ENPP3	Weak	5169	NM_005021	M-004540-00		
EPB41L2	Weak	2037	NM_001431	M-003661-00	YES	
ESAM	Weak	90952	NM_138961	M-016663-00		
ESM1	Weak	11082	NM_007036	M-012338-01		
ETEA	Weak	23197	NM_014613	M-010649-00		
ETFDH	Weak	2110	NM_004453	M-008127-01		
EVA1	Weak	10205	NM_005797	M-017371-00		
FABP1	Weak	2168	NM_001443	M-008678-00		
FAIM	Weak	55179	NM_018147	M-020999-00		
FAM20A	Weak	54757	NM_017565	M-013773-00		
FAM29A	Weak	54801	NM_017645	M-018372-00		
FANCG	Weak	2189	NM_004629	M-011899-00		FANCG

FARS1	Weak	10667	NM_006567	M-012283-00		
FAT3	Weak	120114	XM_061871	M-026743-00		
FBXO7	Weak	25793	NM_012179	M-013606-00		
FBXW8	Weak	26259	NM_012174	M-012431-00		
FGF18	Weak	8817	NM_003862	M-011537-00		
FGF19	Weak	9965	NM_005117	M-013670-00		
FGF5	Weak	2250	NM_004464	M-011972-00		
FGF8	Weak	2253	NM_006119	M-013693-00		
FGFR4	Weak	2264	NM_002011	M-003134-01		
FHOD1	Weak	29109	NM_013241	M-013709-00		
FIGN	Weak	55137	NM_018086	M-010934-00		
FKBP11	Weak	51303	NM_016594	M-008200-00		
FKBP5	Weak	2289	NM_004117	M-004224-01	YES	
FLJ10060	Weak	55065	NM_017986	M-010712-00		
FLJ10986	Weak	55277	NM_018291	M-006810-00		
FLJ11029	Weak	55771	NM_018304	M-007019-00		
FLJ11151	Weak	55313	NM_018340	M-021262-00		
FLJ11712	Weak	79621	NM_024570	M-014369-00		
FLJ13063	Weak	79798	NM_024742	M-003999-00		
FLJ20071	Weak	54808	NM_017653	M-017498-00		
FLJ20421	Weak	54928	NM_017813	M-020804-00		
FLJ20519	Weak	54964	NM_017860	M-016312-00		
FLJ20641	Weak	55010	NM_017915	M-020943-00		
FLJ21657	Weak	64417	NM_022483	M-017127-00		
FLJ22173	Weak	80111	NM_025041	M-014563-00		
FLJ22800	Weak	79853	NM_024795	M-014450-00		
FLJ23322	Weak	80020	NM_024955	M-008133-00		
FLJ25070	Weak	55599	NM_017619	M-021646-00		
FLJ25415	Weak	150709	XM_371586	M-023108-00		
FLJ25471	Weak	137902	NM_144651	M-008450-00		
FLJ25590	Weak	283416	NM_175895	M-018068-00		
FLJ31052	Weak	127943	NM_152378	M-016275-00		
FLJ31413	Weak	155061	NM_152557	M-016992-00		
FLJ32682	Weak	220081	NM_182542	M-018973-00		
FLJ32949	Weak	283417	NM_173812	M-018272-00		
FLJ33215	Weak	259282	NM_148894	M-017033-00	YES	
FLJ33810	Weak	283422	NM_182558	M-018912-00		
FLJ34154	Weak	283450	NM_173813	M-018270-00		
FLJ34389	Weak	197259	NM_152649	M-005326-00		
FLJ34907	Weak	284222	XM_290817	M-023377-00		
FLJ36779	Weak	158055	NM_152571	M-016767-00		
FLJ38663	Weak	91574	NM_152269	M-016859-00		
FLJ38716	Weak	126868	NM_152367	M-016839-00		
FLJ39531	Weak	400360	NM_207445	M-032128-00		
FLJ39630	Weak	286183	NM_173688	M-018052-00		
FLJ40319	Weak	283982	NM_182564	M-018924-00		
FLJ43654	Weak	375341	NM_198562	M-031836-00		
FLJ44881	Weak	400661	NM_207461	M-032145-00		
FLJ45187	Weak	387640	NM_207371	M-032220-00		
FLJ45950	Weak	399975	NM_207431	M-032105-00		
FLJ45966	Weak	401120	NM_00100170	M-032322-00		
FLJ46211	Weak	401100	NM_207487	M-032174-00		
FMO1	Weak	2326	NM_002021	M-009255-01		

FMO4	Weak	2329	NM_002022	M-009418-00		
FMO5	Weak	2330	NM_001461	M-008136-00		
FMOD	Weak	2331	NM_002023	M-011661-00		
FOXD4L2	Weak	286380	NM_199135	M-032011-00		
FOXJ2	Weak	55810	NM_018416	M-009350-00	YES	
FRK	Weak	2444	NM_002031	M-003139-01		
FSHR	Weak	2492	NM_000145	M-005497-01		
FTCD	Weak	10841	NM_006657	M-008623-00		
FTH1	Weak	2495	NM_002032	M-019634-01		
FTSJ1	Weak	24140	NM_012280	M-012451-00		
FURIN	Weak	5045	NM_002569	M-005882-00		
G3BP	Weak	10146	NM_005754	M-012099-01		
GAB1	Weak	2549	NM_002039	M-003553-00		
GABRA2	Weak	2555	NM_000807	M-006163-01		
GABRA4	Weak	2557	NM_000809	M-006165-00		
GABRA5	Weak	2558	NM_000810	M-006166-00		
GABRR1	Weak	2569	NM_002042	M-006178-01		
GAGE4	Weak	2576	NM_001474	M-011275-00		
GALE	Weak	2582	NM_000403	M-009904-00		
GFAP	Weak	2670	NM_002055	M-011667-00		
GGN	Weak	199720	NM_152657	M-019177-00		
GIOT-1	Weak	92283	NM_153257	M-016102-00		
GLB1	Weak	2720	NM_000404	M-012539-00		
GLRB	Weak	2743	NM_000824	M-006183-00		
GLUL	Weak	2752	NM_002065	M-008228-00		
GM2A	Weak	2760	NM_000405	M-011044-00		
GNA12	Weak	2768	NM_007353	M-008435-00		
GNA13	Weak	10672	NM_006572	M-009948-00		
GNB2	Weak	2783	NM_005273	M-017241-00		
GNRHR2	Weak	114814	NM_057163	M-005518-00		
GPD2	Weak	2820	NM_000408	M-009843-01		
GPR120	Weak	338557	NM_181745	M-005703-01		
GPR133	Weak	283383	NM_198827	M-027093-00		
GPR149	Weak	344758	XM_293580	M-005697-00		
GPR30	Weak	2852	NM_001505	M-005563-01		
GRIA1	Weak	2890	NM_000827	M-006184-00		
GTF2H1	Weak	2965	NM_005316	M-010924-00		
HCA127	Weak	55906	NM_018684	M-007025-00		
HCN2	Weak	610	NM_001194	M-006201-01		
HEY2	Weak	23493	NM_012259	M-008223-00		
HIF3A	Weak	64344	NM_022462	M-010068-02		
HIP1	Weak	3092	NM_005338	M-005001-01		
HIRA	Weak	7290	NM_003325	M-013610-01		
HLA-DQA1	Weak	3117	NM_002122	M-013228-00		
HMG20A	Weak	10363	NM_018200	M-015454-00		
HMG20B	Weak	10362	NM_006339	M-020146-01		HMG20B
HMOX1	Weak	3162	NM_002133	M-006372-01		
HOXA5	Weak	3202	NM_019102	M-017574-00		
HOXA7	Weak	3204	NM_006896	M-017573-00		
HOXB13	Weak	10481	NM_006361	M-012226-00		
HOXB6	Weak	3216	NM_018952	M-017336-00	YES	
HR	Weak	55806	NM_005144	M-011872-00		
HRAS	Weak	3265	NM_005343	M-004142-00		

HS322B1A	Weak	25774	NM_015371	M-020281-00		
HS747E2A	Weak	25770	NM_015370	M-020284-00		
HSGP25L2G	Weak	54732	NM_017510	M-007924-00		
HSMPP8	Weak	54737	NM_017520	M-021680-00		
HSPA6	Weak	3310	NM_002155	M-019455-00		
HSU79274	Weak	29902	NM_013300	M-020401-00		
ICSBP1	Weak	3394	NM_002163	M-011699-00		
IDI2	Weak	91734	NM_033261	M-008463-00		
IFI27	Weak	3429	NM_005532	M-006465-01		
IFI35	Weak	3430	NM_005533	M-004203-00		
IFIT1	Weak	3434	NM_001548	M-019616-00		
IFIX	Weak	149628	NM_152501	M-016524-00		
IL15	Weak	3600	NM_000585	M-007934-01		
IL17RD	Weak	54756	NM_017563	M-007946-00		
IL17RE	Weak	132014	NM_144640	M-007947-00		
IL23R	Weak	149233	NM_144701	M-007976-00		
IL3	Weak	3562	NM_000588	M-007986-01		
IMPK	Weak	253430	NM_152230	M-006740-01		
ING1L	Weak	3622	NM_001564	M-006534-00		
INSR	Weak	3643	NM_000208	M-003014-01		
IPO13	Weak	9670	NM_014652	M-020212-00		
JARID1B	Weak	10765	NM_006618	M-009899-00		
JM11	Weak	90060	NM_033626	M-015130-00	YES	
JMJD2B	Weak	23030	NM_015015	M-004290-01		
KAB	Weak	9859	NM_014812	M-021258-00	YES	
KCNE1L	Weak	23630	NM_012282	M-012452-00		
KCNH6	Weak	81033	NM_030779	M-006236-01		
KCNJ2	Weak	3759	NM_000891	M-006247-00		
KCTD1	Weak	284252	NM_198991	M-027276-00		
KIAA0153	Weak	23170	NM_015140	M-014094-00		
KIAA0174	Weak	9798	NM_014761	M-020977-00		
KIAA0179	Weak	23076	XM_371417	M-031402-00		
KIAA0318	Weak	23504	XM_044334	M-027090-00		
KIAA0556	Weak	23247	XM_044632	M-003984-00		
KIAA0877	Weak	23333	XM_371891	M-025317-00		
KIAA0922	Weak	23240	NM_015196	M-019152-00		
KIAA1018	Weak	22909	XM_375181	M-020327-00		
KIAA1212	Weak	55704	NM_018084	M-032517-00		
KIAA1430	Weak	57587	XM_087593	M-024112-00		
KIAA1571	Weak	57683	XM_371590	M-028011-00		
KIAA1582	Weak	57690	NM_018996	M-019399-00		
KIAA1639	Weak	57729	XM_290923	M-005336-00		
KIAA1671	Weak	85379	XM_371461	M-024559-00		
KIAA1975	Weak	119385	XM_370567	M-026289-00		
KIAA1991	Weak	254225	XM_495886	M-032290-00		
KIAA2018	Weak	205717	XM_291062	M-023709-00	YES	
KLHL4	Weak	56062	NM_019117	M-012866-00		
KRTAP12-3	Weak	386683	NM_198697	M-031734-00		
KRTAP1-3	Weak	81850	NM_030966	M-013466-00		
KRTAP13-3	Weak	337960	NM_181622	M-018680-00		
KRTAP19-4	Weak	337971	NM_181610	M-018564-00		
KRTAP20-2	Weak	337976	NM_181616	M-018607-00		
LAMA1	Weak	284217	NM_005559	M-012118-00		

LAMB4	Weak	22798	NM_007356	M-025439-00		
LAPTM4A	Weak	9741	NM_014713	M-013439-00		
LCN10	Weak	414332	NM_00100171	M-032327-00		
LMCD1	Weak	29995	NM_014583	M-013567-00		
LNPEP	Weak	4012	NM_005575	M-005926-01		
LNX	Weak	84708	NM_032622	M-014940-00		
LOC116441	Weak	116441	NM_138786	M-016540-00		
LOC124871	Weak	124871	XM_058857	M-023210-00		
LOC126147	Weak	126147	NM_145807	M-016814-00		
LOC127099	Weak	127099	XM_060328	M-021888-00		
LOC129138	Weak	129138	NM_138797	M-016583-00		
LOC135946	Weak	135946	XM_069621	M-025383-00		
LOC139793	Weak	139793	XM_060054	M-024683-00		
LOC144100	Weak	144100	NM_175058	M-018008-00		
LOC149351	Weak	149351	XM_378876	M-027614-00		
LOC154822	Weak	154822	XM_380162	M-029221-00		
LOC196463	Weak	196463	NM_173542	M-018495-00		
LOC199920	Weak	199920	NM_00100430	M-032380-00		
LOC201164	Weak	201164	NM_178836	M-017858-00		
LOC201725	Weak	201725	XM_376349	M-028275-00		
LOC202051	Weak	202051	XM_114430	M-024410-00		
LOC219429	Weak	219429	XM_166869	M-026614-00		
LOC254897	Weak	23252	XM_170950	M-022066-00		
LOC254938	Weak	DC	XM_173120	M-024132-00		
LOC255189	Weak	255189	XM_172929	M-010308-00		
LOC283155	Weak	283155	XM_208545	M-026548-00		
LOC283332	Weak	283332	XM_378355	M-030070-00		
LOC283398	Weak	283398	XM_208658	M-026908-00		
LOC283584	Weak	283584	XM_211108	M-021987-00		
LOC284274	Weak	284274	XM_378756	M-031049-00		
LOC284688	Weak	284688	XM_378912	M-027594-00		
LOC284933	Weak	284933	XM_379064	M-031503-00		
LOC285375	Weak	285375	XM_376206	M-028074-00		
LOC285548	Weak	285548	XM_374078	M-028345-00		
LOC285671	Weak	285671	NM_178532	M-017714-00		
LOC285694	Weak	DC	XM_211983	M-024276-00		
LOC285872	Weak	285872	XM_212061	M-025230-00		
LOC286238	Weak	286238	XM_379684	M-029522-00		
LOC338588	Weak	338588	XM_378207	M-029706-00		
LOC339674	Weak	339674	XM_379054	M-031473-00		
LOC339903	Weak	339903	XM_291063	M-023472-00		
LOC340268	Weak	340268	XM_294634	M-025341-00		
LOC340543	Weak	340543	XM_291334	M-024781-00		
LOC340893	Weak	340893	XM_291757	M-026464-00		
LOC347273	Weak	347273	XM_294592	M-026220-00		
LOC348938	Weak	348938	XM_371777	M-024299-00		
LOC374768	Weak	374768	NM_199339	M-032109-00		
LOC374955	Weak	374955	NM_198546	M-031793-00		
LOC387700	Weak	387700	NM_213606	M-032549-00		
LOC387755	Weak	387755	XM_370613	M-029967-00		
LOC387763	Weak	387763	XM_373497	M-029981-00	YES	
LOC387781	Weak	DC	XM_370634	M-029862-00		
LOC387849	Weak	387849	XM_370686	M-030132-00		

LOC387859	Weak	DC	XM_373533	M-030072-00		
LOC387894	Weak	DC	XM_370709	M-030144-00		
LOC387895	Weak	387895	XM_373553	M-030146-00		
LOC388006	Weak	DC	XM_373602	M-030320-00		
LOC388163	Weak	388163	XM_370895	M-030474-00		
LOC388220	Weak	DC	XM_373669	M-030600-00		
LOC388226	Weak	388226	XM_370946	M-027173-00		
LOC388229	Weak	DC	XM_370949	M-030611-00		
LOC388407	Weak	388407	NM_203425	M-031898-00		
LOC388424	Weak	55036	XM_371081	M-030952-00		
LOC388438	Weak	388438	XM_371089	M-030988-00		
LOC388478	Weak	388478	XM_371118	M-031059-00		
LOC388503	Weak	388503	XM_371134	M-031224-00		
LOC388538	Weak	399473	XM_371165	M-031104-00		
LOC388593	Weak	DC	XM_373826	M-027392-00		
LOC388622	Weak	DC	XM_373839	M-027461-00		
LOC388638	Weak	DC	XM_373845	M-027482-00		
LOC388796	Weak	388796	XM_373914	M-031301-00		
LOC388853	Weak	DC	XM_371430	M-031427-00		
LOC388887	Weak	DC	XM_373950	M-031451-00		
LOC388893	Weak	DC	XM_373954	M-031463-00		
LOC388952	Weak	DC	XM_373986	M-027844-00		
LOC388960	Weak	388960	XM_371500	M-027857-00		
LOC389025	Weak	645733	XM_374004	M-027776-00		
LOC389029	Weak	DC	XM_374007	M-027949-00		
LOC389117	Weak	389117	XM_371638	M-028104-00		
LOC389174	Weak	389174	XM_371678	M-028196-00		
LOC389189	Weak	DC	XM_374071	M-028130-00		
LOC389236	Weak	DC	XM_374093	M-028271-00		
LOC389331	Weak	DC	XM_374140	M-028475-00		
LOC389366	Weak	DC	XM_371798	M-028676-00		
LOC389416	Weak	389416	XM_371837	M-028580-00		
LOC389697	Weak	83481	XM_372063	M-029247-00		
LOC389778	Weak	DC	XM_374301	M-029576-00		
LOC390113	Weak	390113	XM_372376	M-030034-00		
LOC390158	Weak	390158	XM_372396	M-029886-00		
LOC390234	Weak	DC	XM_372425	M-029947-00		
LOC390282	Weak	390282	XM_372447	M-030165-00		
LOC390335	Weak	390335	XM_372466	M-030102-00		
LOC390423	Weak	390423	XM_372496	M-030194-00		
LOC390445	Weak	390445	XM_372509	M-030357-00		
LOC390712	Weak	390712	XM_372630	M-030763-00		
LOC390734	Weak	DC	XM_372640	M-030646-00		
LOC391004	Weak	391004	XM_372764	M-027642-00		
LOC391211	Weak	391211	XM_372842	M-027744-00		
LOC391253	Weak	391253	XM_372869	M-031316-00		
LOC391282	Weak	391282	XM_372878	M-031386-00		
LOC391298	Weak	DC	XM_372889	M-031432-00		
LOC391353	Weak	DC	XM_372917	M-027767-00		
LOC391429	Weak	391429	XM_372954	M-027782-00		
LOC392634	Weak	DC	XM_374405	M-028987-00		
LOC392636	Weak	392636	XM_374406	M-028988-00		
LOC392748	Weak	392748	XM_374490	M-031811-00		

LOC393076	Weak		393076	XM_374763	M-029222-00		
LOC399921	Weak	DC		XM_374904	M-029908-00		
LOC399959	Weak		399959	XM_378316	M-029813-00		
LOC399986	Weak	DC		XM_378331	M-030161-00		
LOC400087	Weak		400087	XM_378392	M-030147-00		
LOC400566	Weak		400566	XM_375387	M-030966-00		
LOC400685	Weak		400685	XM_378795	M-031088-00		
LOC400691	Weak		374900	XM_378799	M-031097-00		
LOC400804	Weak		400804	XM_375841	M-027379-00		
LOC400831	Weak		400831	XM_378956	M-031321-00		
LOC400937	Weak	DC		XM_379068	M-027889-00		
LOC400945	Weak		400945	XM_379078	M-027762-00		
LOC400949	Weak		400949	XM_376048	M-027828-00		
LOC400952	Weak		400952	XM_376051	M-027834-00		
LOC400955	Weak		400955	XM_379096	M-027845-00		
LOC401061	Weak	DC		XM_379189	M-028098-00		
LOC401085	Weak	DC		XM_379210	M-028153-00		
LOC401098	Weak		401098	XM_379231	M-028192-00		
LOC401207	Weak		401207	XM_376423	M-028463-00		
LOC401220	Weak		401220	XM_379378	M-028416-00		
LOC401237	Weak		401237	XM_379398	M-028680-00		
LOC401358	Weak	DC		XM_379495	M-028766-00		
LOC401509	Weak		401509	XM_376841	M-029461-00		
LOC401545	Weak	DC		XM_379660	M-029577-00		
LOC401599	Weak	DC		XM_379716	M-031584-00		
LOC401625	Weak	DC		XM_377076	M-031655-00		
LOC401704	Weak	DC		XM_377231	M-029928-00		
LOC401883	Weak	DC		XM_377475	M-030930-00		
LOC402072	Weak	DC		XM_377741	M-027884-00		
LOC402280	Weak	DC		XM_377946	M-028792-00		
LOC402388	Weak	DC		XM_378103	M-031642-00		
LOC402434	Weak	DC		XM_378155	M-031693-00		
LOC402596	Weak	DC		XM_380146	M-029141-00		
LOC64744	Weak		64744	NM_022733	M-014209-00		
LOC88523	Weak		88523	NM_033111	M-015066-00		
LOC92799	Weak		92799	NM_138392	M-015553-00		
LOC93432	Weak		93432	XM_376684	M-028862-00		
LONP	Weak		83752	NM_031490	M-005933-00		
LSM3	Weak		27258	NM_014463	M-020240-00		
LY6K	Weak		54742	NM_017527	M-013771-00		
M6PR	Weak		4074	NM_002355	M-010611-01		
MANBA	Weak		4126	NM_005908	M-012175-00		
MAPRE1	Weak		22919	NM_012325	M-006824-00		
MAS1	Weak		4142	NM_002377	M-003684-01		
MAS1L	Weak		116511	NM_052967	M-005655-01		
MASK-BP3	Weak		404734	NM_020690	M-032214-00		
MAT2B	Weak		27430	NM_013283	M-017193-00		
MATR3	Weak		9782	NM_018834	M-017382-00		
MCLC	Weak		23155	NM_015127	M-010024-00		
MERTK	Weak		10461	NM_006343	M-003155-01		
MGAT5	Weak		4249	NM_002410	M-011334-00		
MGC10485	Weak		112936	NM_052875	M-015152-00	YES	
MGC13010	Weak		84773	NM_032687	M-014961-00		

MGC15763	Weak	92106	NM_138381	M-010186-00		
MGC19780	Weak	199857	NM_144988	M-017007-00		
MGC20419	Weak	112970	NM_138417	M-015576-00		
MGC26856	Weak	256710	NM_152779	M-016259-00		
MGC27348	Weak	256355	XM_171158	M-028819-00		
MGC33414	Weak	257101	NM_173574	M-018347-00		
MGC34830	Weak	120196	NM_152314	M-015982-00		
MGC35558	Weak	219833	NM_145013	M-016656-00		
MGC39558	Weak	148789	NM_152490	M-016736-00		
MGC39633	Weak	153733	NM_152549	M-015448-00		
MGC39662	Weak	131831	NM_152394	M-018760-00		
MGC42493	Weak	339500	NM_178549	M-018005-00		
MGC45922	Weak	284365	XM_371187	M-031135-00		
MGC4606	Weak	79447	NM_024516	M-003991-00		
MGC71999	Weak	342538	NM_199290	M-031849-00		
MGC9913	Weak	386759	XM_378178	M-031070-00		
MI-ER1	Weak	57708	NM_020948	M-014201-00		
MKNK2	Weak	2872	NM_017572	M-004908-01		
MLC1SA	Weak	140465	NM_002475	M-013090-00		
MLLT7	Weak	4303	NM_005938	M-003016-01		
MMEL2	Weak	79258	NM_033467	M-005950-00		
MMP10	Weak	4319	NM_002425	M-005952-01		
MMPL1	Weak	4328	NM_004142	M-009251-00		
MNDA	Weak	4332	NM_002432	M-010525-01		
MOCOS	Weak	55034	NM_017947	M-020993-00		
MOXD1	Weak	26002	NM_015529	M-009446-01		
MRGPRF	Weak	219928	NM_145015	M-005662-00		
MRO	Weak	83876	NM_031939	M-016832-00		
MRPL24	Weak	79590	NM_024540	M-017442-00		
MRPL33	Weak	9553	NM_145330	M-017401-00		
MRPS35	Weak	60488	NM_021821	M-013071-00		
MT1L	Weak	4500	NR_001447	M-010953-00		
MUC15	Weak	143662	NM_145650	M-015614-00		
MYBL1	Weak	4603	XM_034274	M-010526-00		
MYH1	Weak	4619	NM_005963	M-013486-00		
NCOA1	Weak	8648	NM_003743	M-005196-01	YES	
NDRG4	Weak	65009	NM_020465	M-013861-00		
NDUFA8	Weak	4702	NM_014222	M-012496-00		
NEDL1	Weak	23072	NM_015052	M-007186-00		
NEGR1	Weak	257194	NM_173808	M-018345-00		
NF2	Weak	4771	NM_000268	M-003917-00		
NKIRAS1	Weak	28512	NM_020345	M-021154-00		
NLN	Weak	57486	NM_020726	M-005977-00		
NOC4	Weak	10328	NM_006067	M-032511-00		
NOVA2	Weak	4858	NM_002516	M-012590-00		
NOX1	Weak	27035	NM_007052	M-010193-00		
NP220	Weak	27332	NM_014497	M-013715-00	YES	
NPL	Weak	80896	NM_030769	M-008230-00		
NPL4	Weak	55666	NM_017921	M-020796-00		
NR1I3	Weak	9970	NM_005122	M-003416-01		
NR2F6	Weak	2063	NM_005234	M-003423-00		
NRGN	Weak	4900	NM_006176	M-012186-00		
NTRK3	Weak	4916	NM_002530	M-003161-01		

OBP2B	Weak	29989	NM_014581	M-008879-00		
ODC1	Weak	4953	NM_002539	M-006668-00		
ODZ1	Weak	10178	NM_014253	M-020639-00		
OGT	Weak	8473	NM_181672	M-019111-00		
OR10A4	Weak	283297	NM_207186	M-032016-00		
OR10C1	Weak	442194	NM_013941	M-032515-00		
OR10G3	Weak	26533	NM_00100546	M-032457-00		
OR1F2P	Weak	26184	XM_370931	M-030679-00		
OR2AT4	Weak	341152	NM_00100528	M-032443-00		
OR2H1	Weak	26716	NM_030883	M-018165-00		
OR2Y1	Weak	134083	NM_00100165	M-032314-00		
OR4C15	Weak	81309	NM_00100192	M-032341-00		
OR6B2	Weak	389090	NM_00100585	M-032496-00		
OR6C68	Weak	403284	NM_00100551	M-032492-00		
OR7D2	Weak	162998	XM_375563	M-031219-00		
OR8J1	Weak	219477	NM_00100520	M-032417-00		
OSTBETA	Weak	123264	NM_178859	M-018553-00		
PAPLN	Weak	89932	XM_370765	M-030307-00		
PCDH11Y	Weak	83259	NM_032971	M-013624-00		
PCDH20	Weak	64881	NM_022843	M-012854-00		
PCDHB2	Weak	56133	NM_018936	M-013283-00		
PCDHGB1	Weak	56104	NM_018922	M-013292-00		
PCSK4	Weak	54760	NM_017573	M-013774-00		
PDHA1	Weak	5160	NM_000284	M-010329-01		
PF20	Weak	79582	NM_024532	M-016914-00		
PGAM1	Weak	5223	NM_002629	M-008883-01		
PGD	Weak	5226	NM_002631	M-008371-00		
PGPL	Weak	8225	NM_012227	M-019845-00		
PHF15	Weak	23338	NM_015288	M-018308-00		
PIGK	Weak	10026	NM_005482	M-005996-01		
PIGQ	Weak	9091	NM_148920	M-011909-00		
PIR	Weak	8544	NM_003662	M-012613-01		
PLA2G4A	Weak	5321	NM_024420	M-009886-00		
PLCD1	Weak	5333	NM_006225	M-009149-00		
PMF1	Weak	11243	NM_007221	M-019662-00		
PNAS-4	Weak	51029	NM_016076	M-020915-00		
POLR3G	Weak	10622	NM_006467	M-020140-00		
POMT1	Weak	10585	NM_007171	M-016499-01		
PPM1A	Weak	5494	NM_021003	M-009574-01		
PPM2C	Weak	54704	NM_018444	M-008718-00		
PPP2R1A	Weak	5518	NM_014225	M-010259-01		
PPP2R2B	Weak	5521	NM_004576	M-003022-01		
PPP3R2	Weak	5535	NM_147180	M-016119-01		
PRDX2	Weak	7001	NM_005809	M-008178-01		
PRIC285	Weak	85441	NM_033405	M-019109-00		
PRKCL1	Weak	5585	NM_002741	M-004175-02		
PRR4	Weak	11272	NM_007244	M-012367-00		
PTGS1	Weak	5742	NM_000962	M-004556-00		
PTK6	Weak	5753	NM_005975	M-003166-01		
PVRL1	Weak	5818	NM_002855	M-004300-00		
PXT1	Weak	222659	NM_152990	M-016935-00		
RAB6A	Weak	5870	NM_002869	M-008975-01		
RAD23A	Weak	5886	NM_005053	M-005231-00	YES	RAD23A

RALGPS1A	Weak	9649	NM_014636	M-008248-00		
RAP2C	Weak	57826	NM_021183	M-010057-00		
RAPGEF1	Weak	2889	NM_005312	M-006840-00		
RASA2	Weak	5922	NM_006506	M-004333-00		
RASGRP4	Weak	115727	NM_052949	M-013425-00		
RASSF3	Weak	283349	NM_178169	M-018472-00		
RASSF6	Weak	166824	NM_177532	M-018468-00		
RBPMS	Weak	11030	NM_006867	M-012756-00		
RFP2	Weak	10206	NM_005798	M-006923-00		
RGR	Weak	5995	NM_002921	M-005721-01		
RHCG	Weak	51458	NM_016321	M-020938-00		
RIC-8	Weak	60626	NM_021932	M-016121-00	YES	
RIN2	Weak	54453	NM_018993	M-008173-00		
RLF	Weak	6018	NM_012421	M-006555-01		
RNF111	Weak	54778	NM_017610	M-007002-00		
RNF133	Weak	168433	NM_139175	M-007155-00		
RNF148	Weak	378925	NM_198085	M-010758-00		
RNF159	Weak	84333	NM_032373	M-007089-00		
RNF2	Weak	6045	NM_007212	M-006556-00		
RNF24	Weak	11237	NM_007219	M-006943-00		
ROBO2	Weak	6092	XM_031246	M-023273-00		
ROCK1	Weak	6093	NM_005406	M-003536-01	YES	
ROR2	Weak	4920	NM_004560	M-003172-01	YES	
RPGRIP1	Weak	57096	NM_020366	M-015479-01		
RPS6KC1	Weak	26750	NM_012424	M-005371-01		
RTN2	Weak	6253	NM_005619	M-012717-00		
SACS	Weak	26278	NM_014363	M-020571-00		
SATL1	Weak	340562	XM_291339	M-024771-00		
SBZF3	Weak	57116	NM_020394	M-013202-00		
SCAMP2	Weak	10066	NM_005697	M-003704-00		
SCN10A	Weak	6336	NM_006514	M-006295-00		
SEC31L1	Weak	22872	NM_014933	M-014166-00		
SEPHS2	Weak	22928	NM_012248	M-007738-00		
SHANK1	Weak	50944	NM_016148	M-031945-00		
SIAT1	Weak	6480	NM_003032	M-010486-01		
SIP	Weak	27101	NM_014412	M-012521-00		
SIT	Weak	27240	NM_014450	M-020250-00		
SLAMF9	Weak	89886	NM_033438	M-015109-00		
SLC22A11	Weak	55867	NM_018484	M-007445-00		
SLC22A15	Weak	55356	NM_018420	M-007449-00		
SLC26A6	Weak	65010	NM_022911	M-007494-00		
SLC35A5	Weak	55032	NM_017945	M-007541-00		
SLC35F2	Weak	54733	NM_017515	M-018216-00		
SLC35F5	Weak	80255	NM_025181	M-010744-00		
SLC39A9	Weak	55334	NM_018375	M-007574-01		
SLC4A11	Weak	83959	NM_032034	M-007581-00		
SLC4A3	Weak	6508	NM_005070	M-007583-01		
SLC5A6	Weak	8884	NM_021095	M-007594-00		
SLCO1C1	Weak	53919	NM_017435	M-007436-00		
SMARCD3	Weak	6604	NM_003078	M-009459-01		SMARCD3
SMOC2	Weak	64094	NM_022138	M-013886-00		
SOCS3	Weak	9021	NM_003955	M-004299-00		
SOSTDC1	Weak	25928	NM_015464	M-013959-00		

SOX17	Weak	64321	NM_022454	M-013028-00		
SOX9	Weak	6662	NM_000346	M-021507-00		
SPACA1	Weak	81833	NM_030960	M-013464-00		
SPG7	Weak	6687	NM_003119	M-006039-02		
SPINK2	Weak	6691	NM_021114	M-012759-00		
SPINT1	Weak	6692	NM_003710	M-004578-00		
SRM	Weak	6723	NM_003132	M-006669-00		
ST13	Weak	6767	NM_003932	M-017380-00		
STAP2	Weak	55620	NM_017720	M-021069-00		
SUHW3	Weak	55609	NM_017666	M-007013-00	YES	
SULF1	Weak	23213	NM_015170	M-006643-00		
TAGLN2	Weak	8407	NM_003564	M-011468-00		
TAS2R9	Weak	50835	NM_023917	M-010018-01		
TAZ	Weak	6901	NM_000116	M-009608-00		
TBX1	Weak	6899	NM_005992	M-012195-00		
TBX19	Weak	9095	NM_005149	M-011910-00		
TCEA1	Weak	6917	NM_006756	M-010496-00	YES	
TCF12	Weak	6938	NM_003205	M-006356-01	YES	
TCFL1	Weak	6944	NM_005997	M-020097-00	YES	
TEF	Weak	7008	NM_003216	M-008769-00		
TENC1	Weak	23371	NM_015319	M-009977-00		
TGDS	Weak	23483	NM_014305	M-009492-00		
TGIF2	Weak	60436	NM_021809	M-017124-00		
THAP5	Weak	168451	NM_182529	M-021462-00		
THAP7	Weak	80764	NM_030573	M-003821-00		
THEA	Weak	26027	NM_015547	M-008653-00		
THRAP5	Weak	10025	NM_005481	M-003736-00		
TIMP1	Weak	7076	NM_003254	M-011792-00		
TJP1	Weak	7082	NM_003257	M-007746-00		
TM4SF1	Weak	4071	NM_014220	M-010610-00		
TNFRSF13B	Weak	23495	NM_012452	M-008095-00		
TNNI3	Weak	7137	NM_000363	M-020917-00		
TNXB	Weak	7148	NM_019105	M-008106-00		
TP53TG3	Weak	24150	NM_015369	M-020287-00		
TPR	Weak	7175	NM_003292	M-010548-01	YES	
TRAR1	Weak	134864	NM_138327	M-005736-00		
TRAR5	Weak	83551	NM_053278	M-005527-00		
TRIM40	Weak	135644	NM_138700	M-007129-00		
TRIP12	Weak	9320	NM_004238	M-007182-00	YES	
TRIT1	Weak	54802	NM_017646	M-018831-00		
TSC	Weak	54997	NM_017899	M-020896-00		
TTC12	Weak	54970	NM_017868	M-018220-00		
TTY7	Weak	83863	NM_031926	M-014755-00		
TUBB8	Weak	347688	NM_177987	M-027356-00		
TUBD1	Weak	51174	NM_016261	M-006843-00		
TUBGCP3	Weak	10426	NM_006322	M-018323-00		
TXNDC	Weak	81542	NM_030755	M-010675-00		
TXNDC4	Weak	23071	XM_088476	M-026181-00		
UGP2	Weak	7360	NM_006759	M-007739-02		
UGT8	Weak	7368	NM_003360	M-010270-01		
UHRF1	Weak	29128	NM_013282	M-006977-00		
UNC84B	Weak	25777	NM_015374	M-009959-00		
UNQ541	Weak	389376	NM_205854	M-031908-00		

UNQ9341	Weak	283420	NM_207345	M-032040-00		
UQCRH	Weak	7388	NM_006004	M-020101-00		
URP	Weak	257313	NM_198152	M-021500-00		
USF2	Weak	7392	NM_003367	M-003618-00		
USP14	Weak	9097	NM_005151	M-006065-01		
VIL2	Weak	7430	NM_003379	M-017370-01		
VMD2L3	Weak	144453	NM_152439	M-016337-00		
VNN1	Weak	8876	NM_004666	M-011905-00		
VPS33B	Weak	26276	NM_018668	M-007261-00		
VWF	Weak	7450	NM_000552	M-009754-00		
WASF3	Weak	10810	NM_006646	M-012301-01		
WBSCR19	Weak	285955	NM_175064	M-019231-00		
WBSCR28	Weak	135886	NM_182504	M-018926-00		
WISP2	Weak	8839	NM_003881	M-010554-01		
XRN2	Weak	22803	NM_012255	M-017622-00		
XRRA1	Weak	143570	XM_374912	M-029916-00		
YWHAH	Weak	7533	NM_003405	M-010626-00		
ZBTB12	Weak	221527	NM_181842	M-018786-00		
ZBTB7	Weak	51341	NM_015898	M-020818-00		
ZFYVE20	Weak	64145	NM_022340	M-014036-00		
ZMYND19	Weak	116225	NM_138462	M-021402-00		
ZNF143	Weak	7702	NM_003442	M-013965-00		
ZNF146	Weak	7705	NM_007145	M-019625-00		
ZNF181	Weak	339318	XM_290835	M-023641-00		
ZNF189	Weak	7743	NM_003452	M-021350-00		
ZNF267	Weak	10308	NM_003414	M-015637-00		
ZNF33A	Weak	7581	NM_006974	M-012776-00		
ZNF406	Weak	57623	NM_020863	M-025840-00		
ZNF584	Weak	201514	NM_173548	M-018489-00		
A1BG	Cytotoxic Bypass	1	NM_130786	M-011191-00		
AATK	Cytotoxic Bypass	9625	XM_375495	M-005301-01		
ABCA3	Cytotoxic Bypass	21	NM_001089	M-008795-00		
ACCN1	Cytotoxic Bypass	40	NM_001094	M-006105-00		
ACY-3	Cytotoxic Bypass	91703	NM_080658	M-010400-00		
ADAM33	Cytotoxic Bypass	80332	NM_025220	M-004525-00		
ADAMTS10	Cytotoxic Bypass	81794	NM_030957	M-005762-00		
ADAMTSL3	Cytotoxic Bypass	57188	NM_207517	M-022416-00		
ALDRL6	Cytotoxic Bypass	55586	NM_017584	M-019473-00		
ALLC	Cytotoxic Bypass	55821	NM_018436	M-020523-00		
ANAPC1	Cytotoxic Bypass	64682	NM_022662	M-013843-01		
ANAPC4	Cytotoxic Bypass	29945	NM_013367	M-013642-00		
ANAPC5	Cytotoxic Bypass	51433	NM_016237	M-016095-00		
APBA2	Cytotoxic Bypass	321	NM_005503	M-017413-00		
APRG1	Cytotoxic Bypass	339883	NM_178340	M-017640-00		
AQP12	Cytotoxic Bypass	375318	NM_198998	M-032245-00		
AREG	Cytotoxic Bypass	374	NM_001657	M-017435-00		
ARRDC1	Cytotoxic Bypass	92714	NM_152285	M-015918-00		
ASB11	Cytotoxic Bypass	140456	NM_080873	M-013267-00		
ASH1L	Cytotoxic Bypass	55870	NM_018489	M-020460-00		
ASPH	Cytotoxic Bypass	444	NM_004318	M-004294-00		
ATP1B3	Cytotoxic Bypass	483	NM_001679	M-004569-00		
ATP5L2	Cytotoxic Bypass	267020	NM_198822	M-031764-00		
ATP8B3	Cytotoxic Bypass	148229	NM_138813	M-023898-00		

B3GALT6	Cytotoxic Bypass	126792	NM_080605	M-021340-00		
BAT4	Cytotoxic Bypass	7918	NM_033177	M-013701-00		
BBS7	Cytotoxic Bypass	55212	NM_018190	M-013346-00		
BTN2A3	Cytotoxic Bypass	54718	NM_024018	M-021361-00		
C10ORF45	Cytotoxic Bypass	83641	NM_031453	M-014732-00		
C10ORF64	Cytotoxic Bypass	159491	NM_173524	M-018526-00		
C10ORF75	Cytotoxic Bypass	90271	XM_030445	M-026305-00		
C13ORF23	Cytotoxic Bypass	80209	NM_025138	M-012952-00		
C15ORF16	Cytotoxic Bypass	161725	NM_130901	M-008841-00		
C1ORF19	Cytotoxic Bypass	116461	NM_052965	M-015177-00		
C1QTNF8	Cytotoxic Bypass	390664	NM_207419	M-032097-00		
C20ORF158	Cytotoxic Bypass	85362	NM_152302	M-016827-00		
C20ORF22	Cytotoxic Bypass	26090	NM_015600	M-005850-00		
C20ORF28	Cytotoxic Bypass	25876	NM_015417	M-017050-00		
C20ORF99	Cytotoxic Bypass	85364	NM_033089	M-017978-00		
C21ORF62	Cytotoxic Bypass	56245	NM_019596	M-021062-00		
C21ORF69	Cytotoxic Bypass	84537	NM_058189	M-015220-00		
C21ORF70	Cytotoxic Bypass	85395	NM_058190	M-015221-00		
C21ORF99	Cytotoxic Bypass	149992	NM_153773	M-016165-00		
C5ORF5	Cytotoxic Bypass	51306	NM_016603	M-020738-00		
C6ORF168	Cytotoxic Bypass	84553	NM_032511	M-014910-00		
C9ORF125	Cytotoxic Bypass	84302	NM_032342	M-014865-00		
C9ORF154	Cytotoxic Bypass	158326	NM_144966	M-017026-00		
C9ORF156	Cytotoxic Bypass	51531	NM_016481	M-014262-00		
C9ORF48	Cytotoxic Bypass	347240	NM_194313	M-010459-00		
CATSPER4	Cytotoxic Bypass	378807	XM_371237	M-027514-00		
CCDC5	Cytotoxic Bypass	115106	NM_138443	M-015491-00		
CCR6	Cytotoxic Bypass	1235	NM_004367	M-005453-00		
CD2BP2	Cytotoxic Bypass	10421	NM_006110	M-020057-00		
CD79A	Cytotoxic Bypass	973	NM_001783	M-011606-00		
CDC23	Cytotoxic Bypass	8697	NM_004661	M-009523-00		
CDC27	Cytotoxic Bypass	996	NM_001256	M-003229-03		
CDC5L	Cytotoxic Bypass	988	NM_001253	M-011237-00		
CENTD2	Cytotoxic Bypass	116985	NM_015242	M-009136-00		
CGI-100	Cytotoxic Bypass	50999	NM_016040	M-007854-00		
CGI-116	Cytotoxic Bypass	51019	NM_016053	M-020900-00		
CHAF1B	Cytotoxic Bypass	8208	NM_005441	M-019937-00		CHAF1B
CHCHD5	Cytotoxic Bypass	84269	NM_032309	M-014849-00		
CHEK1	Cytotoxic Bypass	1111	NM_001274	M-003255-02	YES	CHEK1
CILP2	Cytotoxic Bypass	148113	NM_153221	M-015654-00		
CLIC3	Cytotoxic Bypass	9022	NM_004669	M-011805-00		
CMKOR1	Cytotoxic Bypass	57007	NM_020311	M-013212-00		
CNN1	Cytotoxic Bypass	1264	NM_001299	M-015851-00		
CNNM1	Cytotoxic Bypass	26507	NM_020348	M-020830-00		
COL14A1	Cytotoxic Bypass	7373	XM_044622	M-025907-00		
COL6A3	Cytotoxic Bypass	1293	NM_004369	M-003646-01		
COL9A1	Cytotoxic Bypass	1297	NM_001851	M-011622-00		
COMMD2	Cytotoxic Bypass	51122	NM_016094	M-021024-00		
CORO1B	Cytotoxic Bypass	57175	NM_020441	M-010493-00		
CORO1C	Cytotoxic Bypass	23603	NM_014325	M-017331-00		
COX6B1	Cytotoxic Bypass	1340	NM_001863	M-013148-00		
COX8C	Cytotoxic Bypass	341947	NM_182971	M-019415-00		
CPSF1	Cytotoxic Bypass	29894	NM_013291	M-020395-00		

CTAG1A	Cytotoxic Bypass	246100	NM_139250	M-016967-00		
CTRC	Cytotoxic Bypass	11330	NM_007272	M-005833-00		
CUTL2	Cytotoxic Bypass	23316	XM_027045	M-027122-00		
CYBB	Cytotoxic Bypass	1536	NM_000397	M-011021-00		
CYP51A1	Cytotoxic Bypass	1595	NM_000786	M-009215-00		
D6S2654E	Cytotoxic Bypass	26240	NM_012135	M-019978-00		
DDHD2	Cytotoxic Bypass	23259	XM_291291	M-025979-00		
DEFA1	Cytotoxic Bypass	1667	NM_004084	M-012999-00		
DHRS4	Cytotoxic Bypass	10901	NM_021004	M-008576-00		
DHRS4L2	Cytotoxic Bypass	317749	NM_198083	M-021490-00		
DHX40	Cytotoxic Bypass	79665	NM_024612	M-018727-00		
DKFZP434E18	Cytotoxic Bypass	92216	XM_043624	M-023470-00		
DKFZP434L18	Cytotoxic Bypass	26082	XM_375171	M-030372-00		
DKFZP434N19	Cytotoxic Bypass	81858	NM_030974	M-018575-00		
DKFZP586P01	Cytotoxic Bypass	26005	NM_015531	M-026690-00		
DKFZP686J08	Cytotoxic Bypass	341640	XM_292193	M-021693-00		
DKFZP761I10	Cytotoxic Bypass	84239	NM_032279	M-023682-00		
DLK1	Cytotoxic Bypass	8788	NM_003836	M-015911-00		
DOCK11	Cytotoxic Bypass	139818	NM_144658	M-015696-00	YES	
DONSON	Cytotoxic Bypass	29980	NM_145794	M-017453-00		
DPF1	Cytotoxic Bypass	8193	NM_004647	M-031779-00		
EAF1	Cytotoxic Bypass	85403	NM_033083	M-019284-00		
EB-1	Cytotoxic Bypass	56899	NM_020140	M-008192-00		
ENAH	Cytotoxic Bypass	55740	NM_018212	M-021932-00	YES	
ENTPD2	Cytotoxic Bypass	954	NM_001246	M-010736-00		
EPM2AIP1	Cytotoxic Bypass	9852	NM_014805	M-018914-00		
ETFA	Cytotoxic Bypass	2108	NM_000126	M-011029-00		
ETHE1	Cytotoxic Bypass	23474	NM_014297	M-012508-00		
EXOC7	Cytotoxic Bypass	23265	NM_015219	M-021448-00		
EXOSC7	Cytotoxic Bypass	23016	NM_015004	M-014160-00		
F7	Cytotoxic Bypass	2155	NM_000131	M-005871-00		
FAM38A	Cytotoxic Bypass	9780	NM_014745	M-020870-00		
FBXO6	Cytotoxic Bypass	26270	NM_018438	M-013314-00		
FLJ12436	Cytotoxic Bypass	79714	NM_024661	M-016444-00		
FLJ12505	Cytotoxic Bypass	79805	NM_024749	M-018929-00		
FLJ12606	Cytotoxic Bypass	79862	NM_024804	M-014454-00		
FLJ13265	Cytotoxic Bypass	79935	NM_024877	M-014496-00		
FLJ13639	Cytotoxic Bypass	79758	NM_024705	M-014418-00		
FLJ14075	Cytotoxic Bypass	79954	NM_024894	M-014505-00		
FLJ16046	Cytotoxic Bypass	389208	NM_207407	M-032084-00		
FLJ20694	Cytotoxic Bypass	55018	NM_017928	M-020969-00		
FLJ21749	Cytotoxic Bypass	80194	NM_025124	M-014594-00		
FLJ21816	Cytotoxic Bypass	79728	NM_024675	M-012928-00	YES	FLJ21816
FLJ22386	Cytotoxic Bypass	79641	NM_024589	M-014379-00		
FLJ22573	Cytotoxic Bypass	79713	NM_024660	M-014401-00		
FLJ25404	Cytotoxic Bypass	146378	XM_085433	M-003995-00		
FLJ25715	Cytotoxic Bypass	284241	NM_182570	M-018674-00		
FLJ25778	Cytotoxic Bypass	254048	XM_376679	M-025464-00	YES	
FLJ31846	Cytotoxic Bypass	160857	NM_144974	M-016742-00		
FLJ32440	Cytotoxic Bypass	286053	NM_173685	M-018070-00		
FLJ32926	Cytotoxic Bypass	93233	NM_144577	M-016370-00		
FLJ33708	Cytotoxic Bypass	285780	NM_173675	M-018087-00		
FLJ34512	Cytotoxic Bypass	124093	NM_173476	M-018400-00		

FLJ35681	Cytotoxic Bypass	283897	NM_175900	M-003990-00		
FLJ36131	Cytotoxic Bypass	338999	NM_182604	M-018875-00		
FLJ36760	Cytotoxic Bypass	374992	NM_198550	M-031804-00		
FLJ37478	Cytotoxic Bypass	339983	NM_178557	M-009115-00		
FLJ39553	Cytotoxic Bypass	203111	NM_173549	M-018487-00		
FLJ40142	Cytotoxic Bypass	400073	NM_207435	M-032112-00		
FLJ41287	Cytotoxic Bypass	388121	NM_207381	M-032059-00		
FLJ43808	Cytotoxic Bypass	400083	NM_207438	M-032118-00		
FLJ44670	Cytotoxic Bypass	375096	NM_199181	M-027265-00		
FLJ44861	Cytotoxic Bypass	388428	NM_207389	M-032067-00		
FLJ46358	Cytotoxic Bypass	400110	NM_207439	M-032225-00		
FLJ90637	Cytotoxic Bypass	374987	NM_199343	M-032116-00		
FN5	Cytotoxic Bypass	56935	NM_020179	M-020414-00		
FOXP4	Cytotoxic Bypass	116113	NM_138457	M-008255-00		
FSHB	Cytotoxic Bypass	2488	NM_000510	M-012537-00		
FXYD7	Cytotoxic Bypass	53822	NM_022006	M-013056-00		
GATM	Cytotoxic Bypass	2628	NM_001482	M-008900-00		
GBP4	Cytotoxic Bypass	115361	NM_052941	M-018177-00		
GCAT	Cytotoxic Bypass	23464	NM_014291	M-009547-00		
GORASP1	Cytotoxic Bypass	64689	NM_031899	M-013510-00		
GPT	Cytotoxic Bypass	2875	NM_005309	M-031622-00		
GPT2	Cytotoxic Bypass	84706	NM_133443	M-004173-01		
H2BFS	Cytotoxic Bypass	54145	NM_017445	M-010901-00		
HDAC4	Cytotoxic Bypass	9759	NM_006037	M-003497-02		
HEAB	Cytotoxic Bypass	10978	NM_006831	M-019895-00		
HEG	Cytotoxic Bypass	57493	XM_087386	M-023585-00		
HH114	Cytotoxic Bypass	84529	NM_032499	M-014906-00		
HIP1R	Cytotoxic Bypass	9026	NM_003959	M-027079-00		
HIP-55	Cytotoxic Bypass	28988	NM_014063	M-016867-00		
HIST1H1B	Cytotoxic Bypass	3009	NM_005322	M-012049-00		
HIST1H2BC	Cytotoxic Bypass	8347	NM_003526	M-011446-00		
HIST1H2BF	Cytotoxic Bypass	8343	NM_003522	M-011442-00		
HIST3H3	Cytotoxic Bypass	8290	NM_003493	M-011429-00		
HLF	Cytotoxic Bypass	3131	NM_002126	M-010514-00		
HM13	Cytotoxic Bypass	81502	NM_030789	M-005896-01		
HPGD	Cytotoxic Bypass	3248	NM_000860	M-008700-00		
HSF1	Cytotoxic Bypass	3297	NM_005526	M-012109-00		
HSPC065	Cytotoxic Bypass	29070	NM_014157	M-015391-00		
HSPC242	Cytotoxic Bypass	51537	NM_016498	M-021196-00		
HYAL4	Cytotoxic Bypass	23553	NM_012269	M-012447-00		
ITGB5	Cytotoxic Bypass	3693	NM_002213	M-004125-00		
K6HF	Cytotoxic Bypass	9119	NM_004693	M-019835-00		
KCTD3	Cytotoxic Bypass	51133	NM_016121	M-021032-00		
KERA	Cytotoxic Bypass	11081	NM_007035	M-012764-00		
KIAA0586	Cytotoxic Bypass	9786	NM_014749	M-020892-00		
KIAA0870	Cytotoxic Bypass	22898	XM_088315	M-025843-00		
KIAA1040	Cytotoxic Bypass	23041	XM_051091	M-026971-00		
KIAA1194	Cytotoxic Bypass	57472	NM_015455	M-019101-00		
KIAA1271	Cytotoxic Bypass	57506	NM_020746	M-024237-00		
KIAA1407	Cytotoxic Bypass	57577	NM_020817	M-014068-00		
KIAA1466	Cytotoxic Bypass	57612	XM_371953	M-028936-00		
KIAA1510	Cytotoxic Bypass	57642	NM_020882	M-024094-00		
KIAA1602	Cytotoxic Bypass	57701	XM_035497	M-026953-00		

KIAA1826	Cytotoxic Bypass	84437	XM_370653	M-026510-00		
KIAA1919	Cytotoxic Bypass	91749	NM_153369	M-010748-00		
KIBRA	Cytotoxic Bypass	23286	NM_015238	M-014058-00		
KIF12	Cytotoxic Bypass	113220	NM_138424	M-008252-01		
KLK13	Cytotoxic Bypass	26085	NM_015596	M-005910-00		
KLRC3	Cytotoxic Bypass	3823	NM_002261	M-011303-00		
KPNB1	Cytotoxic Bypass	3837	NM_002265	M-017523-01		
KRT6B	Cytotoxic Bypass	3854	NM_005555	M-012117-00		
KRTAP13-2	Cytotoxic Bypass	337959	NM_181621	M-031262-00		
KRTAP17-1	Cytotoxic Bypass	83902	NM_031964	M-013521-00		
KRTAP21-2	Cytotoxic Bypass	337978	NM_181617	M-018617-00		
LCE1B	Cytotoxic Bypass	353132	NM_178349	M-019015-00		
LCE1C	Cytotoxic Bypass	353133	NM_178351	M-019016-00		
LDB3	Cytotoxic Bypass	11155	NM_007078	M-026288-00		
LIN7C	Cytotoxic Bypass	55327	NM_018362	M-008473-00		
LOC113655	Cytotoxic Bypass	113655	NM_138431	M-015597-00		
LOC120237	Cytotoxic Bypass	120237	XM_061930	M-026866-00		
LOC125958	Cytotoxic Bypass	125958	XM_064879	M-024016-00		
LOC127262	Cytotoxic Bypass	127262	NM_182752	M-019381-00		
LOC133874	Cytotoxic Bypass	133874	XM_059672	M-024306-00		
LOC143158	Cytotoxic Bypass	DC	XM_084445	M-026362-00		
LOC150568	Cytotoxic Bypass	150568	XM_379117	M-027795-00		
LOC153364	Cytotoxic Bypass	153364	NM_203406	M-031934-00		
LOC158381	Cytotoxic Bypass	158381	XM_376829	M-029548-00		
LOC196541	Cytotoxic Bypass	196541	XM_116936	M-021582-00		
LOC201475	Cytotoxic Bypass	201475	XM_113967	M-023375-00		
LOC201484	Cytotoxic Bypass	DC	XM_117100	M-023414-00		
LOC203076	Cytotoxic Bypass	203076	XM_114621	M-025873-00		
LOC219797	Cytotoxic Bypass	DC	XM_166747	M-026570-00		
LOC23117	Cytotoxic Bypass	23117	XM_290670	M-022505-00		
LOC283117	Cytotoxic Bypass	DC	XM_210184	M-026887-00		
LOC283440	Cytotoxic Bypass	283440	XM_211040	M-027107-00		
LOC283530	Cytotoxic Bypass	DC	XM_211079	M-021684-00		
LOC284058	Cytotoxic Bypass	284058	NM_015443	M-031748-00		
LOC284207	Cytotoxic Bypass	284207	XM_209073	M-022983-00		
LOC284232	Cytotoxic Bypass	284232	XM_209076	M-023380-00		
LOC285647	Cytotoxic Bypass	285647	XM_209700	M-024611-00		
LOC285703	Cytotoxic Bypass	DC	XM_209728	M-024412-00		
LOC285777	Cytotoxic Bypass	DC	XM_212013	M-024807-00		
LOC285908	Cytotoxic Bypass	285908	NM_181722	M-018928-00		
LOC286149	Cytotoxic Bypass	286149	XM_379594	M-029344-00		
LOC340221	Cytotoxic Bypass	340221	XM_291200	M-025186-00		
LOC340578	Cytotoxic Bypass	340578	XM_293387	M-024958-00		
LOC340900	Cytotoxic Bypass	340900	XM_291767	M-026486-00		
LOC340947	Cytotoxic Bypass	340947	XM_291763	M-026480-00		
LOC343854	Cytotoxic Bypass	DC	XM_293225	M-024591-00		
LOC347475	Cytotoxic Bypass	347475	XM_298045	M-024964-00		
LOC388166	Cytotoxic Bypass	DC	XM_370898	M-030480-00		
LOC388420	Cytotoxic Bypass	DC	XM_373749	M-030809-00		
LOC389329	Cytotoxic Bypass	DC	XM_374138	M-028472-00		
LOC389395	Cytotoxic Bypass	389395	XM_371824	M-028721-00		
LOC390007	Cytotoxic Bypass	390007	XM_372329	M-029671-00		
LOC390377	Cytotoxic Bypass	DC	XM_372486	M-030242-00		

LOC390558	Cytotoxic Bypass		390558	XM_372559	M-030452-00		
LOC391130	Cytotoxic Bypass		391130	XM_372803	M-027596-00		
LOC391169	Cytotoxic Bypass		391169	XM_372816	M-027578-00		
LOC392473	Cytotoxic Bypass		392473	XM_373351	M-031542-00		
LOC399924	Cytotoxic Bypass	DC		XM_378301	M-029911-00		
LOC400004	Cytotoxic Bypass	DC		XM_378340	M-030119-00		
LOC400452	Cytotoxic Bypass	DC		XM_375261	M-030492-00		
LOC400743	Cytotoxic Bypass		400743	XM_378843	M-027429-00		
LOC401037	Cytotoxic Bypass		401037	XM_379161	M-027964-00		
LOC401384	Cytotoxic Bypass	DC		XM_379506	M-028902-00		
LOC401393	Cytotoxic Bypass		401393	XM_376658	M-028917-00		
LOC401548	Cytotoxic Bypass		401548	XM_376902	M-029584-00		
LOC402357	Cytotoxic Bypass		3468	XM_378052	M-029562-00		
LOC402560	Cytotoxic Bypass	DC		XM_380127	M-031802-00		
LOC440683	Cytotoxic Bypass		440683	XM_496404	M-032291-00		
LOC51149	Cytotoxic Bypass		51149	NM_016175	M-021060-00		
LOC56926	Cytotoxic Bypass		56926	NM_020170	M-010718-00		
LOC87769	Cytotoxic Bypass		87769	XM_373431	M-030187-00		
LOC90120	Cytotoxic Bypass		90120	XM_379680	M-029408-00		
LOC90139	Cytotoxic Bypass		90139	NM_130783	M-015297-00		
LSM5	Cytotoxic Bypass		23658	NM_012322	M-019555-00		
LU	Cytotoxic Bypass		4059	NM_005581	M-010608-00		
LYRIC	Cytotoxic Bypass		92140	NM_178812	M-018531-00		
MAFG	Cytotoxic Bypass		4097	NM_002359	M-009109-01		
MAGEA8	Cytotoxic Bypass		4107	NM_005364	M-017366-00		
MARCH3	Cytotoxic Bypass		115123	NM_178450	M-007116-00		
MART2	Cytotoxic Bypass		55733	NM_018194	M-009316-00		
MATN2	Cytotoxic Bypass		4147	NM_002380	M-011329-00	YES	
MEGF11	Cytotoxic Bypass		84465	NM_032445	M-014896-00		
MGC10871	Cytotoxic Bypass		83759	NM_031492	M-014744-00		
MGC10992	Cytotoxic Bypass		92922	NM_033212	M-015088-00		
MGC14161	Cytotoxic Bypass		84978	NM_032892	M-015036-00		
MGC14801	Cytotoxic Bypass		84791	NM_032705	M-014967-00		
MGC14839	Cytotoxic Bypass		91894	NM_080659	M-015249-00		
MGC15634	Cytotoxic Bypass		84841	XM_378186	M-014984-00		
MGC16075	Cytotoxic Bypass		84847	NM_032761	M-014988-00		
MGC22960	Cytotoxic Bypass		387338	NM_199044	M-027291-00		
MGC23280	Cytotoxic Bypass		147015	NM_144683	M-008777-00		
MGC24125	Cytotoxic Bypass		152766	NM_173796	M-018552-00		
MGC27466	Cytotoxic Bypass		127396	NM_152373	M-016658-00		
MGC3036	Cytotoxic Bypass		65999	NM_023942	M-014261-00		
MGC4189	Cytotoxic Bypass		84268	NM_032308	M-014848-00		
MGC50104	Cytotoxic Bypass		341032	NM_198498	M-027244-00		
MGC50273	Cytotoxic Bypass		408029	NM_214461	M-032558-00		
MGC52423	Cytotoxic Bypass		149466	NM_182517	M-018640-00		
MGC5395	Cytotoxic Bypass		79026	NM_024060	M-014285-00		
MGC61550	Cytotoxic Bypass		348110	NM_182616	M-018687-00		
MGC61716	Cytotoxic Bypass		130916	NM_182501	M-018834-00		
MINA	Cytotoxic Bypass		84864	NM_153182	M-016031-00		
MR1	Cytotoxic Bypass		3140	NM_001531	M-019619-00		
MRPL10	Cytotoxic Bypass		124995	NM_145255	M-017394-00		
MSH4	Cytotoxic Bypass		4438	NM_002440	M-019116-00		MSH4
MSRA	Cytotoxic Bypass		4482	NM_012331	M-012464-00		

MTATP8	Cytotoxic Bypass	4509	NM_173703	M-012824-00		
MTMR4	Cytotoxic Bypass	9110	NM_004687	M-008040-01		
MTMR8	Cytotoxic Bypass	55613	NM_017677	M-008042-01		
MYOZ3	Cytotoxic Bypass	91977	NM_133371	M-018208-00		
NAB1	Cytotoxic Bypass	4664	NM_005966	M-015359-00		
NANOS1	Cytotoxic Bypass	340719	NM_199461	M-027290-00		
NARF	Cytotoxic Bypass	26502	NM_012336	M-012465-00	YES	
NDE1	Cytotoxic Bypass	54820	NM_017668	M-020625-00		
NDP52	Cytotoxic Bypass	10241	NM_005831	M-010637-00		
NDUFA6	Cytotoxic Bypass	4700	NM_002490	M-015716-00		
NEXN	Cytotoxic Bypass	91624	NM_144573	M-016402-00		
NIPA	Cytotoxic Bypass	51530	NM_016478	M-016879-00		
NIT2	Cytotoxic Bypass	56954	NM_020202	M-017902-00		
NUP43	Cytotoxic Bypass	348995	NM_024647	M-018906-00		
ODF3	Cytotoxic Bypass	113746	NM_053280	M-015199-00		
OPRS1	Cytotoxic Bypass	10280	NM_005866	M-017475-00		
OPTN	Cytotoxic Bypass	10133	NM_021980	M-016269-00		
OSAP	Cytotoxic Bypass	84709	NM_032623	M-010682-00		
OTOF	Cytotoxic Bypass	9381	NM_004802	M-011942-00		
P29	Cytotoxic Bypass	25949	NM_015484	M-020239-00		
P4HA2	Cytotoxic Bypass	8974	NM_004199	M-006367-00		
PANX2	Cytotoxic Bypass	56666	NM_052839	M-015135-00		
PCDH11X	Cytotoxic Bypass	27328	NM_014522	M-013619-00		
PCDH12	Cytotoxic Bypass	51294	NM_016580	M-013621-00		
PCNT2	Cytotoxic Bypass	5116	NM_006031	M-012172-00		
PEX26	Cytotoxic Bypass	55670	NM_017929	M-019128-00		
PLXNA3	Cytotoxic Bypass	55558	NM_017514	M-020933-01		
PLXNB1	Cytotoxic Bypass	5364	NM_002673	M-019590-01		
PNPLA1	Cytotoxic Bypass	285848	NM_173676	M-009042-00		
POLK	Cytotoxic Bypass	51426	NM_016218	M-021038-00		POLK
POLM	Cytotoxic Bypass	27434	NM_013284	M-010035-00		POLM
POLR2G	Cytotoxic Bypass	5436	NM_002696	M-011357-00		
PRAM-1	Cytotoxic Bypass	84106	NM_032152	M-018654-00		
PRG2	Cytotoxic Bypass	5553	NM_002728	M-017949-00		
PRSS22	Cytotoxic Bypass	64063	NM_022119	M-006013-00		
PSMB2	Cytotoxic Bypass	5690	NM_002794	M-010461-00		
PSMD2	Cytotoxic Bypass	5708	NM_002808	M-017212-01		
PTDSR	Cytotoxic Bypass	23210	NM_015167	M-010363-01		
PTGFRN	Cytotoxic Bypass	5738	XM_040709	M-010619-00		
PTGIS	Cytotoxic Bypass	5740	NM_000961	M-004691-01		
PTOV1	Cytotoxic Bypass	53635	NM_017432	M-005210-00		
PWP2H	Cytotoxic Bypass	5822	NM_005049	M-019927-00		
PYCR2	Cytotoxic Bypass	29920	NM_013328	M-016646-00		
PYM	Cytotoxic Bypass	84305	NM_032345	M-014868-00		
RAB17	Cytotoxic Bypass	64284	NM_022449	M-006474-00		
RAB1B	Cytotoxic Bypass	81876	NM_030981	M-008958-00		
RAB33A	Cytotoxic Bypass	9363	NM_004794	M-008206-00		
RABGGTA	Cytotoxic Bypass	5875	NM_004581	M-005097-00		
RAD51	Cytotoxic Bypass	5888	NM_002875	M-003530-03		RAD51
RAI14	Cytotoxic Bypass	26064	NM_015577	M-013919-00		
RASL11A	Cytotoxic Bypass	387496	NM_206827	M-031911-00		
RBBP8	Cytotoxic Bypass	5932	NM_002894	M-011376-00	YES	RBBP8
RBPSUHL	Cytotoxic Bypass	11317	NM_014276	M-012504-00		

RCD-8	Cytotoxic Bypass	23644	NM_014329	M-016635-00	YES	
RCOR1	Cytotoxic Bypass	23186	NM_015156	M-014076-00		
RFPL2	Cytotoxic Bypass	10739	NM_006605	M-006935-00		
RGMB	Cytotoxic Bypass	285704	NM_173670	M-018102-00		
RKHD2	Cytotoxic Bypass	51320	NM_016626	M-006989-00		
RODH	Cytotoxic Bypass	8630	NM_003725	M-009280-00		
RPA1	Cytotoxic Bypass	6117	NM_002945	M-015749-00	YES	RPA1
RPL13	Cytotoxic Bypass	6137	NM_000977	M-013714-00		
RPL39L	Cytotoxic Bypass	116832	NM_052969	M-012971-00		
RPP38	Cytotoxic Bypass	10557	NM_006414	M-019447-00		
S100A11	Cytotoxic Bypass	6282	NM_005620	M-012138-00		
S100A15	Cytotoxic Bypass	338324	NM_176823	M-027145-00		
SC5DL	Cytotoxic Bypass	6309	NM_006918	M-009745-00		
SCAND2	Cytotoxic Bypass	54581	NM_022050	M-013048-00		
SEC14L4	Cytotoxic Bypass	284904	NM_174977	M-019246-00		
SERP1	Cytotoxic Bypass	27230	NM_014445	M-015404-00		
SFTPA2	Cytotoxic Bypass	6436	NM_006926	M-019736-00		
SFXN2	Cytotoxic Bypass	118980	NM_178858	M-018547-00		
SGCE	Cytotoxic Bypass	8910	NM_003919	M-012626-00		
SLC16A10	Cytotoxic Bypass	117247	NM_018593	M-007403-00		
SLC22A18	Cytotoxic Bypass	5002	NM_002555	M-007452-00		
SLC22A1LS	Cytotoxic Bypass	5003	NM_007105	M-019642-00		
SLC24A4	Cytotoxic Bypass	123041	NM_153646	M-007467-00		
SLC26A11	Cytotoxic Bypass	284129	NM_173626	M-007490-00		
SLC31A2	Cytotoxic Bypass	1318	NM_001860	M-007532-00		
SLC39A2	Cytotoxic Bypass	29986	NM_014579	M-007570-00		
SLC39A3	Cytotoxic Bypass	29985	NM_144564	M-007571-00		
SLC39A5	Cytotoxic Bypass	283375	NM_173596	M-007364-00		
SLC6A2	Cytotoxic Bypass	6530	NM_001043	M-007602-00		
SLC9A3	Cytotoxic Bypass	6550	NM_004174	M-007624-00		
SNX27	Cytotoxic Bypass	81609	NM_030918	M-017346-00		
SOLH	Cytotoxic Bypass	6650	NM_005632	M-006037-00		
SON	Cytotoxic Bypass	6651	NM_003103	M-012983-00		
SP6	Cytotoxic Bypass	80320	NM_199262	M-032231-00		
SPAG4L	Cytotoxic Bypass	140732	NM_080675	M-016807-00		
SPAG5	Cytotoxic Bypass	10615	NM_006461	M-006839-00	YES	
SR-A1	Cytotoxic Bypass	58506	NM_021228	M-031985-00		
SSBP1	Cytotoxic Bypass	6742	NM_003143	M-021365-00	YES	
STOML1	Cytotoxic Bypass	9399	NM_004809	M-009360-00		
STXBP5L	Cytotoxic Bypass	9515	XM_045911	M-023581-00		
SUGT1	Cytotoxic Bypass	10910	NM_006704	M-012877-00		
SWAP70	Cytotoxic Bypass	23075	NM_015055	M-010323-00		
SYTL3	Cytotoxic Bypass	94120	XM_087804	M-004544-00		
TATDN1	Cytotoxic Bypass	83940	NM_032026	M-014767-00		
TCP11	Cytotoxic Bypass	6954	NM_018679	M-017977-00		
TDRD1	Cytotoxic Bypass	56165	NM_198795	M-013489-00		
TDRD4	Cytotoxic Bypass	54513	NM_019038	M-020495-00		
TJP4	Cytotoxic Bypass	93643	NM_080604	M-015236-00		
TKTL1	Cytotoxic Bypass	8277	NM_012253	M-004736-00		
TLP	Cytotoxic Bypass	401262	NM_206922	M-031969-00		
TNFRSF1B	Cytotoxic Bypass	7133	NM_001066	M-003934-00		
TOLLIP	Cytotoxic Bypass	54472	NM_019009	M-016930-00		
TRHR	Cytotoxic Bypass	7201	NM_003301	M-005747-00		

TSCOT	Cytotoxic Bypass	57864	NM_033051	M-018639-00		
TSPY2	Cytotoxic Bypass	64591	NM_022573	M-014173-00		
TSPYL1	Cytotoxic Bypass	7259	XM_371844	M-028592-00		
TSTA3	Cytotoxic Bypass	7264	NM_003313	M-011412-00		
TTC17	Cytotoxic Bypass	55761	NM_018259	M-015541-00		
TUBGCP2	Cytotoxic Bypass	10844	NM_006659	M-020208-00		
TXNDC6	Cytotoxic Bypass	347736	NM_178130	M-006790-00		
UCN2	Cytotoxic Bypass	90226	NM_033199	M-018173-00		
UNQ2754	Cytotoxic Bypass	389610	NM_207411	M-032089-00		
USP39	Cytotoxic Bypass	10713	NM_006590	M-006087-00		
USP43	Cytotoxic Bypass	124739	XM_371015	M-023019-00		
VPS24	Cytotoxic Bypass	51652	NM_016079	M-004696-00		
VPS52	Cytotoxic Bypass	6293	NM_022553	M-011806-00		
WDHD1	Cytotoxic Bypass	11169	NM_007086	M-019780-00	YES	
WDR20	Cytotoxic Bypass	91833	NM_144574	M-021318-00		
WDR37	Cytotoxic Bypass	22884	NM_014023	M-020390-00		
WEE1	Cytotoxic Bypass	7465	NM_003390	M-005050-00		WEE1
WFDC13	Cytotoxic Bypass	164237	NM_172005	M-017589-00		
XAB2	Cytotoxic Bypass	56949	NM_020196	M-004914-00		XAB2
ZDHC16	Cytotoxic Bypass	84287	NM_032327	M-021403-00		
ZMYND12	Cytotoxic Bypass	84217	NM_032257	M-015735-00		
ZNF226	Cytotoxic Bypass	7769	NM_015919	M-019147-00		
ZNF271	Cytotoxic Bypass	10778	NM_006629	M-015671-00		
ZNF462	Cytotoxic Bypass	58499	NM_021224	M-018036-00	YES	
ZNF483	Cytotoxic Bypass	158399	XM_088567	M-026189-00		
ZNF511	Cytotoxic Bypass	118472	NM_145806	M-018086-00		
ZNF551	Cytotoxic Bypass	90233	NM_138347	M-015515-00		
ZNF568	Cytotoxic Bypass	374900	NM_198539	M-027357-00		
AANAT	Cytotoxic	15	NM_001088	M-010380-00		
AATF	Cytotoxic	26574	NM_012138	M-004373-01		
ABCA2	Cytotoxic	20	NM_001606	M-009699-00		
ABCB1	Cytotoxic	5243	NM_000927	M-003868-02		
ABCD3	Cytotoxic	5825	NM_002858	M-009909-00		
ABCE1	Cytotoxic	6059	NM_002940	M-008702-00		
ACADL	Cytotoxic	33	NM_001608	M-009851-00		
ACO1	Cytotoxic	48	NM_002197	M-010037-00		
ACTBL1	Cytotoxic	23784	NM_00100405	M-032372-00		
ACTRT1	Cytotoxic	139741	NM_138289	M-015326-00		
AD7C-NTP	Cytotoxic	27308	NM_014486	M-020221-00		
ADAM29	Cytotoxic	11086	NM_014269	M-008808-00		
AF15Q14	Cytotoxic	57082	NM_020380	M-015673-00		
AIM1L	Cytotoxic	55057	NM_017977	M-021468-00		
AKAP28	Cytotoxic	158798	NM_178813	M-017696-00		
AKR1A1	Cytotoxic	10327	NM_006066	M-005087-03		
AKR1B1	Cytotoxic	231	NM_001628	M-004036-00		
AKR7A3	Cytotoxic	22977	NM_012067	M-008655-01		
ALDOA	Cytotoxic	226	NM_000034	M-010376-01		
AMSH-LP	Cytotoxic	57559	NM_020799	M-005783-01		
ANAPC2	Cytotoxic	29882	NM_013366	M-003200-02		
ANKRD20A	Cytotoxic	84210	NM_032250	M-014816-00		
ANKRD30A	Cytotoxic	91074	NM_052997	M-008466-00		
ANKRD9	Cytotoxic	122416	NM_152326	M-015551-00		
ANKS1	Cytotoxic	23294	NM_015245	M-025085-00		

AP4B1	Cytotoxic	10717	NM_006594	M-020158-00		
APOA2	Cytotoxic	336	NM_001643	M-011572-00		
APOA5	Cytotoxic	116519	NM_052968	M-012970-00		
APR-2	Cytotoxic	23591	NM_014318	M-004376-00		
AQR	Cytotoxic	9716	NM_014691	M-022214-00		
ARCN1	Cytotoxic	372	NM_001655	M-013063-00		
ARFIP1	Cytotoxic	27236	NM_014447	M-020256-00		
ARHGAP17	Cytotoxic	55114	NM_018054	M-008335-00		
ARHGAP20	Cytotoxic	57569	NM_020809	M-026514-00		
ASAH3	Cytotoxic	125981	NM_133492	M-010298-00		
ASB16	Cytotoxic	92591	NM_080863	M-013061-00		
ASGR1	Cytotoxic	432	NM_001671	M-013268-00		
ATF2	Cytotoxic	1386	NM_001880	M-009871-00		
AURKB	Cytotoxic	9212	NM_004217	M-003326-02		
AYP1	Cytotoxic	84153	NM_032193	M-014801-00		
AZI1	Cytotoxic	22994	XM_045581	M-023335-00	YES	
B3GAT1	Cytotoxic	27087	NM_018644	M-012896-00		
B7H3	Cytotoxic	80381	NM_025240	M-007813-00		
BACE1	Cytotoxic	23621	NM_012104	M-003747-00		
BANP	Cytotoxic	54971	NM_017869	M-013093-00		
BC-2	Cytotoxic	27243	NM_014453	M-020247-00		
BCL2L1	Cytotoxic	598	NM_138578	M-003458-00		
BCLP	Cytotoxic	113452	NM_033504	M-015127-00		
BIG1	Cytotoxic	10565	NM_006421	M-012207-00		
BJ-TSA-9	Cytotoxic	84985	NM_032899	M-015040-00		
BMF	Cytotoxic	90427	NM_033503	M-004393-01		
BRD8	Cytotoxic	10902	NM_006696	M-006377-00		
BRDG1	Cytotoxic	26228	NM_012108	M-012411-00		
BRUNOL5	Cytotoxic	60680	NM_021938	M-016648-00		
BRUNOL6	Cytotoxic	60677	NM_052840	M-015854-00		
BTBD12	Cytotoxic	84464	NM_032444	M-014895-00		
BTBD14A	Cytotoxic	138151	NM_144653	M-015957-00		
BTN2A1	Cytotoxic	11120	NM_007049	M-012331-00		
BTN3A3	Cytotoxic	10384	NM_006994	M-021359-00		
BUCS1	Cytotoxic	116285	NM_052956	M-004896-00		
C10ORF13	Cytotoxic	143282	NM_152429	M-018330-00		
C10ORF39	Cytotoxic	282973	NM_194303	M-019299-00		
C10ORF68	Cytotoxic	79741	NM_024688	M-014413-00		
C10ORF84	Cytotoxic	63877	NM_022063	M-013924-00		
C10ORF87	Cytotoxic	118663	NM_144587	M-016301-00		
C11ORF4	Cytotoxic	56834	NM_020155	M-005439-00		
C12ORF10	Cytotoxic	60314	NM_021640	M-013747-00		
C13ORF12	Cytotoxic	51371	NM_015932	M-016844-00		
C14ORF111	Cytotoxic	51077	NM_015962	M-020976-00		
C14ORF129	Cytotoxic	51527	NM_016472	M-020252-00		
C14ORF143	Cytotoxic	90141	NM_145231	M-015819-00		
C14ORF152	Cytotoxic	90050	NM_138344	M-018683-00		
C14ORF46	Cytotoxic	91750	XM_370767	M-030308-00		
C14ORF8	Cytotoxic	122664	NM_173846	M-017754-00		
C18ORF37	Cytotoxic	125476	NM_194281	M-019327-00		
C19ORF23	Cytotoxic	148046	NM_152480	M-016206-00		
C1ORF10	Cytotoxic	49860	NM_016190	M-010574-00		
C1ORF37	Cytotoxic	92703	NM_138391	M-018685-00		

C1ORF6	Cytotoxic	56893	NM_020131	M-021178-00	YES	
C1QA	Cytotoxic	712	NM_015991	M-013136-00		
C1QTNF2	Cytotoxic	114898	NM_031908	M-017146-00		
C20ORF114	Cytotoxic	92747	NM_033197	M-010095-00		
C20ORF14	Cytotoxic	24148	NM_012469	M-012821-00		
C20ORF178	Cytotoxic	128866	NM_176812	M-018075-00		
C20ORF18	Cytotoxic	10616	NM_006462	M-006932-00		
C20ORF19	Cytotoxic	55857	NM_018474	M-017957-00		
C20ORF59	Cytotoxic	63910	NM_022082	M-017820-00		
C21ORF125	Cytotoxic	284836	NM_194309	M-019297-00		
C21ORF18	Cytotoxic	54093	NM_017438	M-006998-00		
C21ORF81	Cytotoxic	114035	NM_153750	M-016651-00		
C21ORF84	Cytotoxic	114038	NM_153752	M-016161-00		
C21ORF90	Cytotoxic	114043	NM_153204	M-016405-00		
C22ORF18	Cytotoxic	79019	NM_024053	M-014279-00		
C22ORF23	Cytotoxic	84645	NM_032561	M-016823-00		
C2ORF26	Cytotoxic	65124	NM_023016	M-014241-00		
C3ORF10	Cytotoxic	55845	NM_018462	M-017711-00		
C4ORF9	Cytotoxic	8602	XM_035572	M-024157-00		
C5ORF13	Cytotoxic	9315	NM_004772	M-019848-00		
C6ORF11	Cytotoxic	9277	NM_005452	M-009242-00		
C6ORF110	Cytotoxic	55362	XM_371822	M-025105-00		
C6ORF142	Cytotoxic	90523	NM_138569	M-015915-00		
C6ORF150	Cytotoxic	115004	NM_138441	M-015607-00		
C6ORF182	Cytotoxic	285753	NM_173830	M-018100-00		
C6ORF31	Cytotoxic	80863	NM_030651	M-016655-00		
C6ORF72	Cytotoxic	116254	NM_138785	M-016569-00		
C6ORF93	Cytotoxic	84946	NM_032860	M-016354-00		
C7ORF19	Cytotoxic	80228	NM_032831	M-015012-00		
C7ORF3	Cytotoxic	64434	NM_138400	M-025229-00		
C8ORF17	Cytotoxic	56988	NM_020237	M-020728-00		
C9ORF100S	Cytotoxic	158293	NM_198841	M-027289-00		
C9ORF127	Cytotoxic	51754	NM_016446	M-017716-00		
C9ORF23	Cytotoxic	138716	NM_148178	M-017493-00		
C9ORF52	Cytotoxic	158219	NM_152574	M-016769-00		
C9ORF64	Cytotoxic	84267	NM_032307	M-018609-00		
C9ORF89	Cytotoxic	84270	NM_032310	M-016972-00	YES	
CACNA1A	Cytotoxic	773	NM_000068	M-006121-01		
CADPS2	Cytotoxic	93664	NM_017954	M-018078-00	YES	
CARD11	Cytotoxic	84433	NM_032415	M-004219-00		
CASC1	Cytotoxic	55259	NM_018272	M-027150-00		
CASP8AP2	Cytotoxic	9994	NM_012115	M-012413-00	YES	
CCDC2	Cytotoxic	80173	NM_025103	M-014586-00		
CCDC9	Cytotoxic	26093	NM_015603	M-020279-00		
CCL17	Cytotoxic	6361	NM_002987	M-007828-01		
CCNE1	Cytotoxic	898	NM_001238	M-003213-02	YES	
CCNK	Cytotoxic	8812	NM_003858	M-029590-00		
CD24	Cytotoxic	934	NM_013230	M-020689-00		
CD8A	Cytotoxic	925	NM_001768	M-017568-00		
CDC40	Cytotoxic	51362	NM_015891	M-013213-00		
CDC6	Cytotoxic	990	NM_001254	M-003233-02		
CDCA5	Cytotoxic	113130	NM_080668	M-015256-00		
CDCA8	Cytotoxic	55143	NM_018101	M-021163-00		

CDY	Cytotoxic	203611	XM_016548	M-025053-00		
CDY1	Cytotoxic	9085	NM_004680	M-008916-00		
CEBPD	Cytotoxic	1052	NM_005195	M-010453-00		
CECR6	Cytotoxic	27439	NM_031890	M-014747-00		
CENPE	Cytotoxic	1062	NM_001813	M-003252-01		
CENTG1	Cytotoxic	116986	NM_014770	M-021010-00		
CGI-04	Cytotoxic	51067	NM_015936	M-020962-00		
CGI-07	Cytotoxic	51068	NM_015938	M-017172-00		
CGI-48	Cytotoxic	51096	NM_016001	M-020991-00		
CHAF1A	Cytotoxic	10036	NM_005483	M-019938-01	YES	CHAF1A
CHRDL1	Cytotoxic	91851	NM_145234	M-015779-00		
CH-TOG	Cytotoxic	9793	NM_014756	M-006847-00		
CKLFSF1	Cytotoxic	113540	NM_052999	M-010750-00		
CLDN23	Cytotoxic	137075	NM_194284	M-019324-00		
CLECSF6	Cytotoxic	50856	NM_016184	M-021372-00		
CMAS	Cytotoxic	55907	NM_018686	M-009780-00		
CMRF-35H	Cytotoxic	11314	NM_007261	M-012778-00		
CNIH	Cytotoxic	10175	NM_005776	M-019989-00		
CNKSR1	Cytotoxic	10256	NM_006314	M-012217-00		
CNTN5	Cytotoxic	53942	NM_014361	M-007858-00		
COASY	Cytotoxic	80347	NM_025233	M-006751-00		
COG5	Cytotoxic	10466	NM_006348	M-019123-00		
COL9A3	Cytotoxic	1299	NM_001853	M-011624-00		
COMMD9	Cytotoxic	29099	NM_014186	M-020724-00		
COMT	Cytotoxic	1312	NM_000754	M-009520-00		
COPA	Cytotoxic	1314	NM_004371	M-011835-00		
COPB	Cytotoxic	1315	NM_016451	M-017940-00		
COPB2	Cytotoxic	9276	NM_004766	M-019847-01		
COPE	Cytotoxic	11316	NM_007263	M-017632-00		
COPG	Cytotoxic	22820	NM_016128	M-019138-00		
COPZ1	Cytotoxic	22818	NM_016057	M-020293-00	YES	
COPZ2	Cytotoxic	51226	NM_016429	M-021116-00		
COQ3	Cytotoxic	51805	NM_017421	M-010155-00		
CPLX1	Cytotoxic	10815	NM_006651	M-013031-00		
CPSF5	Cytotoxic	11051	NM_007006	M-012335-00		
CREB3L2	Cytotoxic	64764	NM_194071	M-019357-00		
CRMP1	Cytotoxic	1400	NM_001313	M-009393-00		
CRNKL1	Cytotoxic	51340	NM_016652	M-019013-00		
CRSP7	Cytotoxic	9441	NM_004831	M-011948-01		
CRSP9	Cytotoxic	9443	NM_004270	M-017313-00		
CSN1S2A	Cytotoxic	286828	XM_379270	M-024229-00		
CSPG3	Cytotoxic	1463	NM_004386	M-019794-00		
CSPG6	Cytotoxic	9126	NM_005445	M-006834-00	YES	
CST1	Cytotoxic	1469	NM_001898	M-017398-00		
CSTF2T	Cytotoxic	23283	NM_015235	M-021449-00	YES	
CUL7	Cytotoxic	9820	NM_014780	M-017673-00		
CXORF2	Cytotoxic	1527	NM_001586	M-020184-00		
CXXC4	Cytotoxic	80319	NM_025212	M-008812-00		
CYP2S1	Cytotoxic	29785	NM_030622	M-008783-00		
CYP39A1	Cytotoxic	51302	NM_016593	M-008432-00		
D4ST1	Cytotoxic	113189	NM_130468	M-008821-00		
DAB2IP	Cytotoxic	153090	NM_032552	M-008249-00		
DDX1	Cytotoxic	1653	NM_004939	M-011993-00		

DDX19	Cytotoxic	11269	NM_007242	M-013471-00		
DDX42	Cytotoxic	11325	NM_007372	M-012393-00		
DDX48	Cytotoxic	9775	NM_014740	M-020762-00		
DDX49	Cytotoxic	54555	NM_019070	M-017975-00		
DEFB103A	Cytotoxic	55894	NM_018661	M-012998-00		
DEFB126	Cytotoxic	81623	NM_030931	M-019046-00		
DEFB127	Cytotoxic	140850	NM_139074	M-017258-00		
DHX29	Cytotoxic	54505	NM_019030	M-013759-00		
DJ159A19.3	Cytotoxic	27245	XM_372774	M-027522-00	YES	
DJ222E13.2	Cytotoxic	91695	NM_170698	M-016847-00		
DKFZP434B12	Cytotoxic	91156	NM_178275	M-018250-00		
DKFZP434K13	Cytotoxic	349338	NM_182905	M-022178-00		
DKFZP434K14	Cytotoxic	84081	NM_032141	M-014790-00		
DKFZP434M03	Cytotoxic	55592	NM_017600	M-013822-00		
DKFZP434O04	Cytotoxic	26083	NM_015594	M-020274-00		
DKFZP434P03	Cytotoxic	84074	NM_032134	M-014787-00		
DKFZP564B14	Cytotoxic	26071	NM_015582	M-020268-00		
DKFZP564D16	Cytotoxic	26115	XM_371074	M-030921-00		
DKFZP564F05	Cytotoxic	25940	NM_015475	M-022655-00		
DKFZP566A15	Cytotoxic	81553	NM_030797	M-014656-00		
DKFZP566D13	Cytotoxic	81573	NM_030816	M-014663-00		
DKFZP586A05	Cytotoxic	25840	NM_014033	M-013994-00		
DKFZP586M18	Cytotoxic	137964	NM_178819	M-010300-00		
DKFZP686P02	Cytotoxic	285190	NM_182588	M-018854-00		
DKFZP762I13	Cytotoxic	136051	NM_152411	M-007131-00		
DKK3	Cytotoxic	27122	NM_013253	M-018352-00		
DKK4	Cytotoxic	27121	NM_014420	M-020520-00		
DNAJC6	Cytotoxic	9829	NM_014787	M-009885-00		
DNER	Cytotoxic	92737	NM_139072	M-018708-00		
DOCK5	Cytotoxic	80005	NM_024940	M-018931-00		
DOCK9	Cytotoxic	23348	NM_015296	M-014040-00		
DOM3Z	Cytotoxic	1797	NM_005510	M-005004-00		
DPYSL2	Cytotoxic	1808	NM_001386	M-009519-00		
DSCR1L1	Cytotoxic	10231	NM_005822	M-020054-00		
DT1P1A10	Cytotoxic	90121	NM_058163	M-015211-00		
DTR	Cytotoxic	1839	NM_001945	M-019624-00		
DUFD1	Cytotoxic	113115	NM_138419	M-015495-00		
DULLARD	Cytotoxic	23399	NM_015343	M-017869-00		
EBNA1BP2	Cytotoxic	10969	NM_006824	M-019834-00		
ECHDC1	Cytotoxic	55862	NM_018479	M-009522-00		
EFA6R	Cytotoxic	23362	NM_206909	M-014030-00		
EFG1	Cytotoxic	85476	NM_024996	M-013685-00		
EFHD2	Cytotoxic	79180	NM_024329	M-016335-00		
EFNB1	Cytotoxic	1947	NM_004429	M-003658-01		
EGFL3	Cytotoxic	1953	XM_031401	M-021856-00		
EGLN2	Cytotoxic	112398	NM_053046	M-004277-00		
EHD1	Cytotoxic	10938	NM_006795	M-019022-00		
EI24	Cytotoxic	9538	NM_004879	M-019879-00		
EIF1AX	Cytotoxic	1964	NM_001412	M-011262-00		
EIF2B2	Cytotoxic	8892	NM_014239	M-020653-00		
EIF2S1	Cytotoxic	1965	NM_004094	M-015389-00		
EIF2S2	Cytotoxic	8894	NM_003908	M-011549-00		
EIF2S3	Cytotoxic	1968	NM_001415	M-017045-00		

EIF3S10	Cytotoxic	8661	NM_003750	M-019534-00		
EIF3S2	Cytotoxic	8668	NM_003757	M-019531-00		
EIF3S4	Cytotoxic	8666	NM_003755	M-019533-00		
EIF3S6	Cytotoxic	3646	NM_001568	M-010518-00		
EIF3S8	Cytotoxic	8663	NM_003752	M-009036-00		
EIF3S9	Cytotoxic	8662	NM_003751	M-019196-00		
EIF4A1	Cytotoxic	1973	NM_001416	M-020178-00		
EIF4G1	Cytotoxic	1981	NM_004953	M-019474-00		
ELA1	Cytotoxic	1990	NM_001971	M-005860-00		
ELMO1	Cytotoxic	9844	NM_014800	M-012851-00		
EMILIN3	Cytotoxic	90187	NM_052846	M-024190-00		
ENTH	Cytotoxic	9685	NM_014666	M-021406-00		
EPHA10	Cytotoxic	284656	NM_173641	M-005325-00		
ERAF	Cytotoxic	51327	NM_016633	M-020729-00		
ERAF	Cytotoxic	51327	NM_016633	M-020729-00		
ERBP	Cytotoxic	30836	NM_014597	M-020513-00		
ESPL1	Cytotoxic	9700	NM_012291	M-004104-00		
ETV3	Cytotoxic	2117	NM_005240	M-010509-00		
ETV6	Cytotoxic	2120	NM_001987	M-010510-01		
EXOSC8	Cytotoxic	11340	NM_181503	M-012782-00		
FADS3	Cytotoxic	3995	NM_021727	M-008483-00		
FAM36A	Cytotoxic	116228	NM_198076	M-021429-00		
FANCC	Cytotoxic	2176	NM_000136	M-011033-00		FANCC
FAPP2	Cytotoxic	84725	NM_032639	M-004320-01		
FAT2	Cytotoxic	2196	NM_001447	M-011270-00		
FATE	Cytotoxic	89885	NM_033085	M-015068-00		
FAU	Cytotoxic	2197	NM_001997	M-013149-00		
FBXO17	Cytotoxic	115290	NM_024907	M-013128-00		
FBXO44	Cytotoxic	93611	NM_033182	M-019201-00		
FBXW10	Cytotoxic	10517	NM_031456	M-014733-00		
FCGR2C	Cytotoxic	9103	NM_201563	M-027340-00		
FHR5	Cytotoxic	81494	NM_030787	M-007907-00		
FIBCD1	Cytotoxic	84929	NM_032843	M-007908-00		
FKSG42	Cytotoxic	83956	NM_032032	M-006842-00		
FKSG43	Cytotoxic	83957	NM_032033	M-014771-00		
F-LANA	Cytotoxic	51009	NM_016041	M-010576-00		
FLJ10157	Cytotoxic	55083	XM_371354	M-022129-00		
FLJ10199	Cytotoxic	55092	NM_018022	M-021099-00		
FLJ10379	Cytotoxic	55133	NM_018079	M-018144-00		
FLJ10460	Cytotoxic	55142	NM_018097	M-021161-00		
FLJ10565	Cytotoxic	55722	NM_018140	M-020549-00		
FLJ10618	Cytotoxic	55186	NM_018155	M-007327-00		
FLJ10652	Cytotoxic	55196	NM_018169	M-020502-00		
FLJ10748	Cytotoxic	55220	NM_018203	M-020914-00		
FLJ10774	Cytotoxic	55226	NM_024662	M-014402-00		
FLJ11126	Cytotoxic	55308	NM_018332	M-015868-00		
FLJ11196	Cytotoxic	55323	NM_197958	M-021333-00		
FLJ11342	Cytotoxic	55347	NM_018394	M-020469-00		
FLJ11383	Cytotoxic	80003	NM_014801	M-019079-00		
FLJ11749	Cytotoxic	79643	NM_024591	M-005060-00		
FLJ11806	Cytotoxic	79882	NM_024824	M-014468-00	YES	
FLJ12584	Cytotoxic	80210	NM_025139	M-018047-00		
FLJ12595	Cytotoxic	80060	NM_024994	M-014541-00		

FLJ12666	Cytotoxic	79647	NM_024595	M-014381-00		
FLJ12747	Cytotoxic	84133	XM_290972	M-010747-00		
FLJ13150	Cytotoxic	79871	NM_024813	M-014461-00		
FLJ13215	Cytotoxic	80071	NM_025004	M-014545-00		
FLJ13273	Cytotoxic	79807	NM_024751	M-014433-00		
FLJ13291	Cytotoxic	84138	NM_032178	M-014798-00		
FLJ13646	Cytotoxic	79635	NM_024584	M-014377-00		
FLJ13725	Cytotoxic	79567	NM_024519	M-014354-00		
FLJ14154	Cytotoxic	79903	NM_024845	M-014479-00		
FLJ14299	Cytotoxic	80139	NM_025069	M-014572-00		
FLJ14346	Cytotoxic	80097	NM_025029	M-014555-00		
FLJ14397	Cytotoxic	84865	NM_032779	M-018182-00		
FLJ14451	Cytotoxic	84872	NM_032786	M-014995-00		
FLJ14494	Cytotoxic	84881	NM_032795	M-015000-00		
FLJ14768	Cytotoxic	84922	NM_032836	M-015014-00		
FLJ14816	Cytotoxic	84931	NM_032845	M-015019-00		
FLJ14834	Cytotoxic	84935	NM_032849	M-016348-00		
FLJ20232	Cytotoxic	54471	NM_019008	M-015938-00		
FLJ20308	Cytotoxic	54890	NM_017758	M-004281-00		
FLJ20345	Cytotoxic	54903	NM_017777	M-020774-00		
FLJ20582	Cytotoxic	54989	NM_014106	M-022215-00		
FLJ20847	Cytotoxic	55048	NM_017966	M-018204-00		
FLJ20896	Cytotoxic	79658	NM_024605	M-009382-00		
FLJ22595	Cytotoxic	80117	NM_025047	M-009028-00		
FLJ22679	Cytotoxic	84187	NM_032227	M-014805-00		
FLJ22795	Cytotoxic	80154	NM_025084	M-014578-00		
FLJ23047	Cytotoxic	79598	NM_024548	M-018133-00	YES	
FLJ23129	Cytotoxic	79819	NM_024763	M-019275-00		
FLJ23447	Cytotoxic	79883	NM_024825	M-014469-00		
FLJ23554	Cytotoxic	79864	NM_024806	M-014456-00		
FLJ23751	Cytotoxic	92370	NM_152282	M-008557-00		
FLJ25005	Cytotoxic	123283	NM_152334	M-015734-00		
FLJ25037	Cytotoxic	285905	NM_182596	M-018864-00		
FLJ25477	Cytotoxic	219287	NM_152704	M-017021-00		
FLJ26056	Cytotoxic	375127	NM_201401	M-027329-00		
FLJ27365	Cytotoxic	400931	NM_207477	M-032162-00		
FLJ27505	Cytotoxic	389320	NM_207408	M-032081-00		
FLJ30473	Cytotoxic	150209	NM_144704	M-008134-00		
FLJ30681	Cytotoxic	147372	NM_133459	M-023544-00		
FLJ31153	Cytotoxic	123811	NM_144600	M-016243-00		
FLJ31300	Cytotoxic	131669	NM_144639	M-016023-00		
FLJ32011	Cytotoxic	148930	NM_182516	M-018573-00		
FLJ32770	Cytotoxic	157376	NM_182525	M-018907-00		
FLJ32833	Cytotoxic	148545	NM_152488	M-016713-00		
FLJ32915	Cytotoxic	219844	NM_145014	M-016600-00		
FLJ35119	Cytotoxic	126074	NM_175871	M-017913-00		
FLJ35767	Cytotoxic	400629	NM_207459	M-032144-00		
FLJ35784	Cytotoxic	374877	NM_198534	M-027331-00		
FLJ36046	Cytotoxic	164592	NM_152612	M-018314-00		
FLJ36180	Cytotoxic	339976	NM_178556	M-007174-00		
FLJ36601	Cytotoxic	286464	NM_173695	M-018043-00		
FLJ36748	Cytotoxic	134265	XM_059702	M-024339-00		
FLJ38379	Cytotoxic	285097	NM_178530	M-017660-00		

FLJ38964	Cytotoxic	161253	NM_173527	M-008318-00		
FLJ38984	Cytotoxic	127703	NM_152374	M-016893-00		
FLJ44082	Cytotoxic	389762	NM_207416	M-032090-00		
FLJ45717	Cytotoxic	388759	NM_207401	M-032078-00		
FLJ45909	Cytotoxic	126432	NM_198445	M-027209-00		
FLJ46072	Cytotoxic	286077	NM_198488	M-027239-00		
FLJ46380	Cytotoxic	388591	NM_207396	M-032070-00		
FLJ46481	Cytotoxic	389197	NM_207405	M-032082-00		
FLJ90165	Cytotoxic	124975	NM_153338	M-016666-00		
FLJ90166	Cytotoxic	164284	NM_153360	M-015754-00		
FLJ90430	Cytotoxic	340252	NM_178558	M-018017-00		
FMNL2	Cytotoxic	114793	NM_052905	M-031993-00		
FOSL1	Cytotoxic	8061	NM_005438	M-004341-00		
FOXB1	Cytotoxic	27023	NM_012182	M-008906-00		
FRBZ1	Cytotoxic	360023	NM_194314	M-019293-00		
FRG2	Cytotoxic	448831	NM_00100521	M-032420-00		
FTHFD	Cytotoxic	10840	NM_012190	M-008414-00		
FUT4	Cytotoxic	2526	NM_002033	M-019635-00		
G0S2	Cytotoxic	50486	NM_015714	M-015771-00		
G10	Cytotoxic	8896	NM_003910	M-018665-00		
GA17	Cytotoxic	10480	NM_006360	M-016219-00		
GAB3	Cytotoxic	139716	NM_080612	M-015239-00		
GAGEC1	Cytotoxic	9506	NM_007003	M-012344-00		
GAGED4	Cytotoxic	170626	NM_130776	M-017500-00		
GARNL1	Cytotoxic	253959	XM_210022	M-021937-00	YES	
GARP	Cytotoxic	2615	NM_005512	M-012100-00		
GATA1	Cytotoxic	2623	NM_002049	M-009610-00		
GBP3	Cytotoxic	2635	NM_018284	M-031864-00		
GDEP	Cytotoxic	118425	NM_058168	M-015213-00		
GDF1	Cytotoxic	2657	NM_001492	M-013088-00		
GGA1	Cytotoxic	26088	NM_00100156	M-013694-00	YES	
GGPS1	Cytotoxic	9453	NM_004837	M-016477-00		
GGTLA4	Cytotoxic	92086	NM_080920	M-005887-01		
GLTP	Cytotoxic	51228	NM_016433	M-017247-00		
GLYAT	Cytotoxic	10249	NM_005838	M-010274-00		
GMEB1	Cytotoxic	10691	NM_006582	M-012284-01		
GNG3	Cytotoxic	2785	NM_012202	M-012804-00		
GNG8	Cytotoxic	94235	NM_033258	M-031976-00		
GNGT2	Cytotoxic	2793	NM_031498	M-012042-00		
GNRH2	Cytotoxic	2797	NM_001501	M-011288-00		
GOT2	Cytotoxic	2806	NM_002080	M-011674-00		
GPC1	Cytotoxic	2817	NM_002081	M-004303-00		
GPKOW	Cytotoxic	27238	NM_015698	M-015129-00		
GPR132	Cytotoxic	29933	NM_013345	M-005507-01		
GPR27	Cytotoxic	2850	NM_018971	M-005562-01		
GPR84	Cytotoxic	53831	NM_020370	M-005604-00		
GRIP2	Cytotoxic	80852	XM_042936	M-023449-00		
GRP	Cytotoxic	2922	NM_002091	M-017724-00		
GTF2E1	Cytotoxic	2960	NM_005513	M-006531-00		
GULP1	Cytotoxic	51454	NM_016315	M-008406-00		
GZMM	Cytotoxic	3004	NM_005317	M-005892-00		
HAPLN2	Cytotoxic	60484	NM_021817	M-013976-00		
HBM	Cytotoxic	445449	NM_00100393	M-032371-00		

HCLS1	Cytotoxic	3059	NM_005335	M-017739-00		
HDCMA18P	Cytotoxic	51574	NM_016648	M-020996-00		
HEBP1	Cytotoxic	50865	NM_015987	M-013115-00		
HELIC1	Cytotoxic	10973	NM_006828	M-012757-00		
HES4	Cytotoxic	57801	NM_021170	M-016117-00		
HHLA3	Cytotoxic	11147	NM_007071	M-019762-00		
HIBADH	Cytotoxic	11112	NM_152740	M-009681-00		
HIST1H2AL	Cytotoxic	8332	NM_003511	M-011434-00		
HIST1H2BO	Cytotoxic	8348	NM_003527	M-011447-00		
HLA-DOB	Cytotoxic	3112	NM_002120	M-011686-00		
HLA-DQB2	Cytotoxic	3120	NM_182549	M-018944-00		
HLA-DRB3	Cytotoxic	3125	NM_022555	M-013204-00		
HMGA1L4	Cytotoxic	83444	NM_031288	M-009848-00		
HMGN1	Cytotoxic	3150	NM_004965	M-015567-00		
HMGN4	Cytotoxic	10473	NM_006353	M-017567-00		
HNRPA2B1	Cytotoxic	3181	NM_002137	M-011690-00		
HNRPC	Cytotoxic	3183	NM_004500	M-011869-00		
HNRPK	Cytotoxic	3190	NM_002140	M-011692-00		
HOM-TES-103	Cytotoxic	25900	NM_080730	M-012988-00		
HOXB8	Cytotoxic	3218	NM_024016	M-017527-00		
HOXC12	Cytotoxic	3228	NM_173860	M-017677-00		
HOXC5	Cytotoxic	3222	NM_018953	M-013381-00		
HPCL2	Cytotoxic	26061	NM_012260	M-019772-00		
HRBL	Cytotoxic	3268	NM_006076	M-016363-00		
HRD1	Cytotoxic	84447	NM_032431	M-007090-00		
HRMT1L1	Cytotoxic	3275	NM_001535	M-004033-00		
HSCARG	Cytotoxic	57407	NM_020677	M-020759-00		
HSPA5	Cytotoxic	3309	NM_005347	M-008198-01		
HSPB1	Cytotoxic	3315	NM_001540	M-005269-01		
HSPC009	Cytotoxic	28958	NM_014019	M-020558-00		
HSPC128	Cytotoxic	29080	NM_014167	M-020693-00		
HSYN	Cytotoxic	55188	NM_018157	M-021081-00		
HT008	Cytotoxic	55852	NM_018469	M-017117-00		
HT021	Cytotoxic	57415	NM_020685	M-017892-00		
HUMAQUANTIG	Cytotoxic	29889	NM_013285	M-020392-00		
IBRDC2	Cytotoxic	255488	NM_182757	M-025119-00		
ICAM3	Cytotoxic	3385	NM_002162	M-011698-00		
IFNK	Cytotoxic	56832	NM_020124	M-013217-00		
IFNW1	Cytotoxic	3467	NM_002177	M-012638-00		
IGSF10	Cytotoxic	285313	NM_178822	M-018007-00		
IGSF2	Cytotoxic	9398	NM_004258	M-019858-00		
IK	Cytotoxic	3550	NM_006083	M-012190-00	YES	
ILVBL	Cytotoxic	10994	NM_006844	M-009658-00		
IMAGE:42153	Cytotoxic	113177	NM_052878	M-023899-00		
IMP4	Cytotoxic	92856	NM_033416	M-015116-00		
INCENP	Cytotoxic	3619	NM_020238	M-006823-00		
IQCB1	Cytotoxic	9657	NM_014642	M-021206-00		
IRF2BP2	Cytotoxic	359948	NM_182972	M-007177-00		
IRX6	Cytotoxic	79190	NM_024335	M-022561-00		
ISCU	Cytotoxic	23479	NM_014301	M-012837-00		
ISLR	Cytotoxic	3671	NM_005545	M-017742-00		
ITGA8	Cytotoxic	8516	XM_167711	M-010699-00		
ITSN2	Cytotoxic	50618	NM_006277	M-009841-00		

JDP2	Cytotoxic	122953	NM_130469	M-008321-00		
JMJD2A	Cytotoxic	9682	NM_014663	M-004292-00		
K-ALPHA-1	Cytotoxic	10376	NM_006082	M-020062-00		
KCNH2	Cytotoxic	3757	NM_000238	M-006233-01		
KCNJ4	Cytotoxic	3761	NM_004981	M-006249-00		
KCNJ6	Cytotoxic	3763	NM_002240	M-006251-00		
KCTD11	Cytotoxic	147040	XM_085689	M-023046-00		
KCTD12	Cytotoxic	115207	NM_138444	M-015610-00	YES	
KCTD15	Cytotoxic	79047	NM_024076	M-014292-00		
KCTD8	Cytotoxic	386617	NM_198353	M-031732-00		
KDEL3	Cytotoxic	11015	NM_006855	M-012316-00		
KIAA0125	Cytotoxic	9834	NM_014792	M-012968-00		
KIAA0146	Cytotoxic	23514	XM_291253	M-025937-00		
KIAA0182	Cytotoxic	23199	NM_014615	M-022627-00		
KIAA0195	Cytotoxic	9772	NM_014738	M-020722-00		
KIAA0258	Cytotoxic	9827	XM_376830	M-021128-00		
KIAA0296	Cytotoxic	9726	NM_014699	M-021050-00		
KIAA0363	Cytotoxic	23148	XM_166571	M-025327-00		
KIAA0427	Cytotoxic	9811	NM_014772	M-021020-00		
KIAA0527	Cytotoxic	26032	XM_171054	M-023461-00		
KIAA0543	Cytotoxic	23145	XM_376720	M-028871-00		
KIAA0565	Cytotoxic	9720	XM_113947	M-023028-00		
KIAA0643	Cytotoxic	23059	NM_024793	M-014449-00		
KIAA0649	Cytotoxic	9858	NM_014811	M-021259-00		
KIAA0763	Cytotoxic	9922	NM_014869	M-006458-00		
KIAA0841	Cytotoxic	23354	XM_049237	M-023648-00		
KIAA0863	Cytotoxic	22850	NM_014913	M-020456-00		
KIAA0892	Cytotoxic	23383	XM_048457	M-031981-00		
KIAA0947	Cytotoxic	23379	XM_029101	M-024272-00		
KIAA1007	Cytotoxic	23019	NM_016284	M-015369-00		
KIAA1093	Cytotoxic	23112	XM_039385	M-024575-00		
KIAA1107	Cytotoxic	23285	XM_034086	M-021628-00	YES	
KIAA1110	Cytotoxic	23280	XM_370667	M-030156-00		
KIAA1160	Cytotoxic	57461	NM_020701	M-013894-00	YES	
KIAA1161	Cytotoxic	57462	XM_372083	M-026129-00		
KIAA1449	Cytotoxic	57599	NM_020839	M-016462-00		
KIAA1529	Cytotoxic	57653	XM_372133	M-026179-00		
KIAA1539	Cytotoxic	80256	NM_025182	M-019475-00		
KIAA1596	Cytotoxic	57697	XM_048128	M-021955-00		KIAA1596
KIAA1713	Cytotoxic	80816	XM_290811	M-023422-00		
KIAA1737	Cytotoxic	85457	NM_033426	M-019119-00		
KIAA1822	Cytotoxic	84439	NM_032425	M-022058-00		
KIAA1853	Cytotoxic	84530	XM_375000	M-030175-00		
KIAA1881	Cytotoxic	114782	XM_375558	M-023922-00		
KIAA1893	Cytotoxic	114787	NM_052899	M-015158-00		
KIF11	Cytotoxic	3832	NM_004523	M-003317-01	YES	
KIR2DS4	Cytotoxic	3809	NM_012314	M-012814-00		
KRT3	Cytotoxic	3850	NM_057088	M-012902-00		
KRTAP2-4	Cytotoxic	85294	NM_033184	M-013686-00		
KRTAP3-1	Cytotoxic	83896	NM_031958	M-013516-00		
KRTAP4-5	Cytotoxic	85289	NM_033188	M-013660-00		
KRTAP9-2	Cytotoxic	83899	NM_031961	M-013518-00		
LAD1	Cytotoxic	3898	NM_005558	M-017231-00		

LAMP1	Cytotoxic	3916	NM_005561	M-013481-00		
LAMR1	Cytotoxic	3921	NM_002295	M-013303-00		
LAT1-3TM	Cytotoxic	81893	NM_031211	M-007342-01		
LBH	Cytotoxic	81606	NM_030915	M-014248-00		
LCE3A	Cytotoxic	353142	NM_178431	M-019026-00		
LENEP	Cytotoxic	55891	NM_018655	M-021082-00		
LEP11	Cytotoxic	353140	NM_178429	M-019024-00		
LETM1	Cytotoxic	3954	NM_012318	M-019549-00		
LGALS1	Cytotoxic	3956	NM_002305	M-011718-00		
LGI2	Cytotoxic	55203	NM_018176	M-017097-00		
LHFP	Cytotoxic	10186	NM_005780	M-020010-00		
LIF	Cytotoxic	3976	NM_002309	M-011720-00		
LILRB3	Cytotoxic	11025	NM_006864	M-008872-00		
LLGL1	Cytotoxic	3996	NM_004140	M-011877-00		
LMAN1L	Cytotoxic	79748	NM_021819	M-013977-00		
LMNB1	Cytotoxic	4001	NM_005573	M-005270-01		
LOC113828	Cytotoxic	113828	NM_138435	M-015492-00		
LOC114984	Cytotoxic	114984	NM_138439	M-015605-00		
LOC116064	Cytotoxic	116064	XM_057296	M-023580-00		
LOC116236	Cytotoxic	116236	NM_198147	M-023290-00		
LOC116412	Cytotoxic	116412	XM_375665	M-023837-00		
LOC120105	Cytotoxic	120114	XM_061864	M-026756-00		
LOC120379	Cytotoxic	120379	NM_138789	M-016573-00		
LOC121952	Cytotoxic	121952	XM_062872	M-021595-00		
LOC123346	Cytotoxic	123346	XM_372578	M-030423-00		
LOC124402	Cytotoxic	124402	NM_145253	M-015987-00		
LOC124446	Cytotoxic	124446	XM_378175	M-003993-01		
LOC125962	Cytotoxic	125962	XM_064883	M-024014-00		
LOC126370	Cytotoxic	126370	XM_065050	M-024025-00		
LOC126520	Cytotoxic	126520	XM_059051	M-023896-00		
LOC126731	Cytotoxic	126731	NM_145257	M-016008-00		
LOC127540	Cytotoxic	127540	NM_145205	M-016743-00		
LOC130678	Cytotoxic	130678	XM_065828	M-022993-00		
LOC130773	Cytotoxic	130773	XM_065899	M-022762-00		
LOC133609	Cytotoxic	133609	XM_068430	M-024426-00		
LOC143244	Cytotoxic	143244	XM_084467	M-026463-00		
LOC146713	Cytotoxic	146713	XM_378712	M-030816-00		
LOC147093	Cytotoxic	147093	XM_378675	M-030882-00		
LOC148137	Cytotoxic	148137	NM_144692	M-015733-00		
LOC149643	Cytotoxic	149643	XM_086616	M-021537-00		
LOC152663	Cytotoxic	152663	XM_087499	M-024116-00		
LOC157567	Cytotoxic	157567	NM_198401	M-025925-00		
LOC157693	Cytotoxic	157693	XM_379540	M-029254-00		
LOC158104	Cytotoxic	158104	XM_016113	M-026011-00		
LOC158345	Cytotoxic	158345	XM_034640	M-026115-00		
LOC162835	Cytotoxic	DC	XM_091830	M-023395-00		
LOC162962	Cytotoxic	162962	XM_091886	M-023806-00		
LOC164714	Cytotoxic	164714	XM_104657	M-024646-00		
LOC170425	Cytotoxic	170425	XM_378240	M-029639-00		
LOC199964	Cytotoxic	199964	NM_182532	M-018940-00		
LOC200159	Cytotoxic	200159	XM_114129	M-022140-00		
LOC200491	Cytotoxic	DC	XM_117239	M-022821-00		
LOC200916	Cytotoxic	200916	XM_114317	M-023649-00		

LOC201175	Cytotoxic		201175	XM_371057	M-030897-00		
LOC205251	Cytotoxic		205251	NM_174925	M-017831-00		
LOC256453	Cytotoxic	DC		XM_172917	M-021998-00		
LOC283247	Cytotoxic	DC		XM_208058	M-026799-00		
LOC283587	Cytotoxic		283587	XM_211090	M-021989-00		
LOC283989	Cytotoxic		283989	NM_207346	M-022947-00	YES	
LOC284361	Cytotoxic		284361	NM_175063	M-018434-00		
LOC284581	Cytotoxic		284581	XM_375833	M-027508-00		
LOC284628	Cytotoxic		284628	XM_378951	M-027695-00		
LOC285192	Cytotoxic		285192	XM_380174	M-023180-00		
LOC285344	Cytotoxic	DC		XM_211853	M-023476-00		
LOC285636	Cytotoxic		285636	NM_175921	M-018528-00		
LOC285658	Cytotoxic	DC		XM_209704	M-024603-00		
LOC285697	Cytotoxic		285697	XM_210642	M-024284-00		
LOC285721	Cytotoxic	DC		XM_211995	M-024301-00		
LOC285758	Cytotoxic		285758	XM_379430	M-028591-00		
LOC286080	Cytotoxic	DC		XM_212162	M-025807-00		
LOC286129	Cytotoxic	DC		XM_209910	M-025796-00		
LOC338749	Cytotoxic	DC		XM_294692	M-026778-00		
LOC339168	Cytotoxic		339168	NM_198154	M-021502-00		
LOC339209	Cytotoxic		339209	XM_294854	M-023216-00		
LOC339539	Cytotoxic		339539	XM_378858	M-027464-00		
LOC340351	Cytotoxic		340351	XM_371952	M-025456-00		
LOC340393	Cytotoxic		340393	XM_291270	M-025856-00		
LOC340485	Cytotoxic		340485	XM_294540	M-026152-00		
LOC342460	Cytotoxic	DC		XM_292562	M-022887-00		
LOC342994	Cytotoxic		342994	XM_292836	M-024038-00		
LOC343153	Cytotoxic	DC		XM_291428	M-021890-00		
LOC343474	Cytotoxic	DC		XM_291584	M-022115-00		
LOC344423	Cytotoxic		344423	XM_293042	M-022761-00		
LOC345456	Cytotoxic		345456	XM_293821	M-024326-00		
LOC345537	Cytotoxic		345537	XM_293868	M-024346-00		
LOC345557	Cytotoxic		345557	XM_293875	M-024494-00		
LOC345651	Cytotoxic		345651	XM_293924	M-024480-00		
LOC345930	Cytotoxic		345930	XM_294019	M-024733-00		
LOC346950	Cytotoxic	DC		XM_294473	M-025967-00		
LOC347438	Cytotoxic	DC		XM_293352	M-024932-00		
LOC374973	Cytotoxic		374973	XM_371248	M-027472-00		
LOC387662	Cytotoxic		387662	XM_373456	M-029676-00		
LOC387701	Cytotoxic	DC		XM_373469	M-029643-00		
LOC387715	Cytotoxic		387715	XM_373477	M-029661-00		
LOC387912	Cytotoxic	DC		XM_370716	M-030245-00		
LOC387930	Cytotoxic		387930	XM_370727	M-030228-00		
LOC388122	Cytotoxic		388122	XM_370865	M-030403-00		
LOC388132	Cytotoxic		388132	XM_370872	M-030421-00		
LOC388339	Cytotoxic		388339	XM_371019	M-030852-00		
LOC388344	Cytotoxic		388344	XM_371023	M-030859-00		
LOC388460	Cytotoxic		388460	XM_371107	M-031014-00		
LOC388474	Cytotoxic		388474	XM_371115	M-031048-00		
LOC388519	Cytotoxic	DC		XM_371151	M-031255-00		
LOC388532	Cytotoxic		388532	XM_371160	M-031085-00		
LOC388585	Cytotoxic		388585	XM_371215	M-007769-00		
LOC388595	Cytotoxic		388595	XM_371222	M-027638-00		

LOC388720	Cytotoxic		388720	XM_371330	M-027597-00		
LOC388763	Cytotoxic	DC		XM_371359	M-027732-00		
LOC388828	Cytotoxic		25966	XM_371416	M-031406-00		
LOC388907	Cytotoxic		388907	XM_371470	M-031476-00		
LOC388923	Cytotoxic		388923	XM_373973	M-027888-00		
LOC388927	Cytotoxic	DC		XM_371478	M-027763-00		
LOC388931	Cytotoxic		388931	XM_371481	M-027813-00		
LOC389119	Cytotoxic		389119	NM_203370	M-031926-00		
LOC389170	Cytotoxic		389170	XM_371674	M-028188-00		
LOC389305	Cytotoxic	DC		XM_371757	M-028549-00		
LOC389308	Cytotoxic		389308	XM_371758	M-028553-00		
LOC389325	Cytotoxic	DC		XM_374136	M-028468-00		
LOC389342	Cytotoxic		389342	XM_371781	M-028407-00		
LOC389425	Cytotoxic	DC		XM_371843	M-028590-00		
LOC389435	Cytotoxic		389435	XM_371853	M-028616-00		
LOC389672	Cytotoxic		389672	XM_372048	M-029386-00		
LOC390006	Cytotoxic		390006	XM_372328	M-029670-00		
LOC390488	Cytotoxic	DC		XM_372527	M-030365-00		
LOC390975	Cytotoxic		390975	XM_372749	M-027175-00		
LOC391013	Cytotoxic		391013	XM_372769	M-010313-00		
LOC391088	Cytotoxic	DC		XM_372789	M-027445-00		
LOC391162	Cytotoxic		391162	XM_372812	M-027383-00		
LOC392467	Cytotoxic	DC		XM_373349	M-031552-00		
LOC399753	Cytotoxic		399753	XM_378223	M-029679-00		
LOC399815	Cytotoxic		399815	XM_374836	M-029694-00		
LOC400055	Cytotoxic		400055	XM_374987	M-030041-00		
LOC400547	Cytotoxic	DC		XM_375373	M-030707-00		
LOC400550	Cytotoxic		400550	XM_378620	M-030685-00		
LOC400551	Cytotoxic	DC		XM_378621	M-030686-00		
LOC400652	Cytotoxic		400652	XM_375543	M-031060-00		
LOC401019	Cytotoxic		401019	XM_376154	M-027993-00		
LOC401021	Cytotoxic		401021	XM_379146	M-027997-00		
LOC401081	Cytotoxic		401081	XM_379206	M-028145-00		
LOC401147	Cytotoxic		401147	XM_376334	M-028238-00		
LOC401169	Cytotoxic	DC		XM_379306	M-028377-00		
LOC401385	Cytotoxic	DC		XM_379507	M-028904-00		
LOC401386	Cytotoxic	DC		XM_379508	M-028905-00		
LOC401480	Cytotoxic		401480	XM_379608	M-029284-00		
LOC402245	Cytotoxic	DC		XM_377926	M-028847-00		
LOC402559	Cytotoxic	DC		XM_379881	M-031801-00		
LOC402563	Cytotoxic	DC		XM_380128	M-031807-00		
LOC402564	Cytotoxic	DC		XM_380129	M-031809-00		
LOC402586	Cytotoxic		154907	XM_380138	M-029126-00		
LOC474170	Cytotoxic		474170	NM_00100660	M-032505-00		
LOC51212	Cytotoxic		51212	NM_016380	M-021107-00		
LOC51236	Cytotoxic		51236	NM_016458	M-014264-00		
LOC51257	Cytotoxic		51257	NM_016496	M-006986-00		
LOC51326	Cytotoxic		51326	NM_016632	M-020667-00		
LOC51333	Cytotoxic		51333	NM_016643	M-006990-00		
LOC51334	Cytotoxic		51334	NM_016644	M-020347-00		
LOC51693	Cytotoxic		51693	NM_016209	M-021254-00		
LOC56902	Cytotoxic		56902	NM_020143	M-018033-00		
LOC56931	Cytotoxic		56931	NM_020175	M-031942-00		

LOC81558	Cytotoxic	81558	NM_030802	M-018570-00		
LOC84664	Cytotoxic	84664	NM_032577	M-014926-00		
LOC89887	Cytotoxic	89887	XM_058964	M-023876-00		
LOC89944	Cytotoxic	89944	NM_138342	M-018681-00		
LOC90193	Cytotoxic	90193	XM_029805	M-027068-00		
LOC90321	Cytotoxic	90321	XM_030896	M-023807-00		
LOC90525	Cytotoxic	90525	XM_032304	M-022237-00		
LOC91219	Cytotoxic	91219	NM_080924	M-013362-00		
LOC91561	Cytotoxic	91561	XM_039218	M-026863-00		
LOC92129	Cytotoxic	92129	XM_372239	M-024787-00		
LOC92558	Cytotoxic	92558	NM_207311	M-027129-00		
LOC92755	Cytotoxic	92755	XM_047083	M-025894-00		
LOXL2	Cytotoxic	4017	NM_002318	M-008020-00		
LRCH3	Cytotoxic	84859	NM_032773	M-014993-00		
LRCH4	Cytotoxic	4034	NM_002319	M-011321-00		
LRP11	Cytotoxic	84918	NM_032832	M-018629-00		
LRP3	Cytotoxic	4037	NM_002333	M-019609-00		
LRRC4B	Cytotoxic	94030	XM_292778	M-023786-00		
LRRC8	Cytotoxic	56262	NM_019594	M-026211-00		
LSM6	Cytotoxic	11157	NM_007080	M-019754-00		
LTBP3	Cytotoxic	4054	NM_021070	M-014144-00		
LYNX1	Cytotoxic	66004	NM_177477	M-012886-00		
LZTS2	Cytotoxic	84445	NM_032429	M-026306-00		
MACF1	Cytotoxic	23499	NM_012090	M-013618-00		
MAF1	Cytotoxic	84232	NM_032272	M-018603-00		
MAG	Cytotoxic	4099	NM_002361	M-011722-00		
MAGEB2	Cytotoxic	4113	NM_002364	M-019094-00		
MAP3K3	Cytotoxic	4215	NM_002401	M-003301-02		
MAPBPIP	Cytotoxic	28956	NM_014017	M-020556-00		
MARS	Cytotoxic	4141	NM_004990	M-006447-00		
MAT2A	Cytotoxic	4144	NM_005911	M-008818-00		
MBD3L2	Cytotoxic	125997	NM_144614	M-017360-00		
MDA5	Cytotoxic	64135	NM_022168	M-013041-00		
MECT1	Cytotoxic	23373	NM_015321	M-014026-00		
MEF2B	Cytotoxic	4207	NM_005919	M-009342-00		
MFAP1	Cytotoxic	4236	NM_005926	M-020071-00		
MGC10561	Cytotoxic	84733	NM_032647	M-008357-00		
MGC10701	Cytotoxic	84744	NM_032658	M-014951-00		
MGC10744	Cytotoxic	84314	NM_032354	M-010979-00		
MGC11266	Cytotoxic	79172	NM_024322	M-014339-00		
MGC13024	Cytotoxic	93129	NM_152288	M-015896-00		
MGC13045	Cytotoxic	84304	NM_032344	M-014867-00		
MGC13114	Cytotoxic	84326	NM_032366	M-017010-00		
MGC13138	Cytotoxic	92595	NM_033410	M-007109-00		
MGC13204	Cytotoxic	83695	NM_031465	M-014736-00	YES	
MGC15429	Cytotoxic	84836	NM_032750	M-009831-00		
MGC15631	Cytotoxic	84839	NM_032753	M-016157-00		
MGC15716	Cytotoxic	84330	NM_032370	M-014882-00		
MGC15737	Cytotoxic	85012	NM_032926	M-018635-00	YES	
MGC15882	Cytotoxic	84970	NM_032884	M-015033-00		
MGC15885	Cytotoxic	197003	XM_378517	M-030411-00		
MGC16121	Cytotoxic	84848	NM_032762	M-014989-00		
MGC16186	Cytotoxic	84332	NM_032372	M-014884-00		

MGC16279	Cytotoxic	85002	NM_032916	M-015046-00		
MGC16372	Cytotoxic	92749	NM_145038	M-016558-00		
MGC16491	Cytotoxic	115572	NM_052943	M-015169-00		
MGC16733	Cytotoxic	92105	NM_033547	M-015112-00		
MGC17299	Cytotoxic	128218	NM_144626	M-016058-00		
MGC17330	Cytotoxic	113791	NM_052880	M-021298-00		
MGC17791	Cytotoxic	126282	NM_152362	M-016446-00		
MGC17943	Cytotoxic	90488	NM_152261	M-015480-00		
MGC20235	Cytotoxic	113277	NM_145041	M-016385-00		
MGC20481	Cytotoxic	90416	NM_052849	M-019187-00		
MGC2408	Cytotoxic	84291	NM_032331	M-014859-00		
MGC2452	Cytotoxic	84730	NM_032644	M-014948-00		
MGC26885	Cytotoxic	124044	NM_152339	M-018294-00		
MGC27121	Cytotoxic	408263	NM_00100134	M-032302-00		
MGC2803	Cytotoxic	79002	NM_024038	M-014270-00		
MGC2963	Cytotoxic	83460	NM_031298	M-014711-00		
MGC29816	Cytotoxic	91782	NM_152272	M-015514-00		
MGC29875	Cytotoxic	27042	NM_014388	M-018287-00		
MGC3020	Cytotoxic	79014	NM_024048	M-016475-00		
MGC31963	Cytotoxic	112770	NM_144580	M-016364-00		
MGC33407	Cytotoxic	284382	NM_178525	M-017981-00		
MGC34680	Cytotoxic	124935	NM_152346	M-016443-00		
MGC34728	Cytotoxic	152065	NM_152533	M-016066-00		
MGC34829	Cytotoxic	284069	XM_208993	M-030894-00		
MGC35118	Cytotoxic	145942	NM_152453	M-016378-00		
MGC40499	Cytotoxic	245812	NM_152755	M-016983-00		
MGC4238	Cytotoxic	84292	NM_032332	M-014860-00		
MGC4368	Cytotoxic	79415	NM_024510	M-016389-00		
MGC4549	Cytotoxic	84337	NM_032377	M-014888-00		
MGC45806	Cytotoxic	115273	NM_152304	M-009144-00		
MGC5309	Cytotoxic	84246	NM_032286	M-014834-00		
MGC57211	Cytotoxic	150165	NM_175878	M-018044-00		
MGC8974	Cytotoxic	115353	NM_052940	M-018700-00	YES	
MICAL3	Cytotoxic	57553	XM_032997	M-024432-00		
MIS12	Cytotoxic	79003	NM_024039	M-014271-00		
MLR1	Cytotoxic	254251	NM_153686	M-019001-00		
MLR2	Cytotoxic	84458	XM_050988	M-026303-00		
MOBKL2A	Cytotoxic	126308	NM_130807	M-015299-00		
MORF4L1	Cytotoxic	10933	NM_006791	M-006379-00		
MPG	Cytotoxic	4350	NM_002434	M-005146-00		
MRPL16	Cytotoxic	54948	NM_017840	M-013354-00		
MRPL20	Cytotoxic	55052	NM_017971	M-017564-00		
MRPL27	Cytotoxic	51264	NM_148571	M-013182-00		
MRPL53	Cytotoxic	116540	NM_053050	M-012941-00		
MRPS17	Cytotoxic	51373	NM_015969	M-013215-00		
MRPS6	Cytotoxic	64968	NM_032476	M-019243-00		
MRPS7	Cytotoxic	51081	NM_015971	M-013580-00		
MSL3L1	Cytotoxic	10943	NM_078628	M-012319-00		
MSLN	Cytotoxic	10232	NM_005823	M-006346-00		
MT3	Cytotoxic	4504	NM_005954	M-012728-00		
MTBP	Cytotoxic	27085	NM_022045	M-013953-00		
MTND1	Cytotoxic	4535	NM_173708	M-012827-00		
MTO1	Cytotoxic	25821	NM_012123	M-010190-00		

MUC4	Cytotoxic	4585	NM_018406	M-004577-00		
MUC7	Cytotoxic	4589	NM_152291	M-015885-00		
MUM1	Cytotoxic	84939	NM_032853	M-019083-00	YES	
MUSTN1	Cytotoxic	389125	XM_371644	M-031907-00		
MYCT1	Cytotoxic	80177	NM_025107	M-027137-00		
MYL4	Cytotoxic	4635	NM_002476	M-011738-00		
MYST2	Cytotoxic	11143	NM_007067	M-017668-00	YES	
NAP5	Cytotoxic	344148	XM_292943	M-022918-00		
NAPA	Cytotoxic	8775	NM_003827	M-011530-00		
NCBP1	Cytotoxic	4686	NM_002486	M-019672-00		
NCOA4	Cytotoxic	8031	NM_005437	M-010321-00		
NDUFA7	Cytotoxic	4701	NM_005001	M-012693-00		
NDUFB1	Cytotoxic	4707	NM_004545	M-017848-00		
NEDD1	Cytotoxic	121441	NM_152905	M-008306-00		
NEK11	Cytotoxic	79858	NM_024800	M-004865-01		
NEUROD6	Cytotoxic	63974	NM_022728	M-008708-00		
NHP2L1	Cytotoxic	4809	NM_005008	M-019900-00		
NIP30	Cytotoxic	80011	NM_024946	M-014528-00		
NIPA2	Cytotoxic	81614	NM_030922	M-014672-00		
NIT1	Cytotoxic	4817	NM_005600	M-020022-00		
NMNAT3	Cytotoxic	349565	NM_178177	M-008688-00		
NNMT	Cytotoxic	4837	NM_006169	M-010351-00		
NODAL	Cytotoxic	4838	NM_018055	M-017771-00		
NOL3	Cytotoxic	8996	NM_003946	M-004432-00		
NOL5A	Cytotoxic	10528	NM_006392	M-019143-00		
NOL7	Cytotoxic	51406	NM_016167	M-013853-00		
NOR1	Cytotoxic	127700	NM_145047	M-016554-00		
NP25	Cytotoxic	29114	NM_013259	M-020295-00		
NPAT	Cytotoxic	4863	NM_002519	M-019599-00	YES	
NPC1L1	Cytotoxic	29881	NM_013389	M-008048-00		
NPTXR	Cytotoxic	23467	NM_014293	M-012507-00		
NR1H2	Cytotoxic	7376	NM_007121	M-003412-01		
NR2E3	Cytotoxic	10002	NM_014249	M-003420-00		
NR4A1	Cytotoxic	3164	NM_002135	M-003426-03		
NR5A1	Cytotoxic	2516	NM_004959	M-003429-00		
NSF	Cytotoxic	4905	NM_006178	M-009401-00		
NUP133	Cytotoxic	55746	NM_018230	M-013322-00		
NUP205	Cytotoxic	23165	XM_058073	M-010646-00		
NUP62	Cytotoxic	23636	NM_012346	M-012468-00		
NUP88	Cytotoxic	4927	NM_002532	M-017547-00	YES	
NUP98	Cytotoxic	4928	NM_005387	M-013078-00		
NXF1	Cytotoxic	10482	NM_006362	M-013680-00		
NYD-SP14	Cytotoxic	83894	NM_031956	M-014763-00		
NYD-SP21	Cytotoxic	84689	NM_032597	M-014933-00		
NYD-SP29	Cytotoxic	126820	NM_145172	M-016848-00		
OKL38	Cytotoxic	29948	NM_013370	M-010197-00		
OLFM1	Cytotoxic	10439	NM_014279	M-012203-00		
OLFM2	Cytotoxic	93145	NM_058164	M-015212-00		
OLFM3	Cytotoxic	118427	XM_088951	M-021637-00		
OSRF	Cytotoxic	23548	NM_012382	M-009819-00		
OSTM1	Cytotoxic	28962	NM_014028	M-021389-00		
OSTN	Cytotoxic	344901	NM_198184	M-032025-00		
P24B	Cytotoxic	23423	NM_007364	M-008051-00		

P2RX2	Cytotoxic	22953	NM_012226	M-006283-00		
P8	Cytotoxic	26471	NM_012385	M-012819-00		
PAGE-5	Cytotoxic	90737	NM_130467	M-017468-00		
PAPOLA	Cytotoxic	10914	NM_032632	M-018882-00		
PAQR9	Cytotoxic	344838	NM_198504	M-008055-00		
PART1	Cytotoxic	25859	NM_016590	M-013380-00		
PAX7	Cytotoxic	5081	NM_002584	M-011745-00		
PCBD	Cytotoxic	5092	NM_000281	M-008748-00		
PCP2	Cytotoxic	126006	XM_058956	M-024078-00		
PCQAP	Cytotoxic	51586	NM_015889	M-017015-00		
PDCD1LG1	Cytotoxic	29126	NM_014143	M-015836-00		
PDCD4	Cytotoxic	27250	NM_014456	M-004438-02		
PDCD5	Cytotoxic	9141	NM_004708	M-004439-01		
PELI1	Cytotoxic	57162	NM_020651	M-013814-00		
PEX11G	Cytotoxic	92960	NM_080662	M-015251-00		
PEX13	Cytotoxic	5194	NM_002618	M-012591-00		
PEX5R	Cytotoxic	51555	NM_016559	M-021130-00		
PHF2	Cytotoxic	5253	NM_005392	M-012912-00		
PIGM	Cytotoxic	93183	NM_145167	M-017388-00		
PIGO	Cytotoxic	84720	NM_032634	M-008728-00		
PIGW	Cytotoxic	284098	NM_178517	M-021480-00		
PIPOX	Cytotoxic	51268	NM_016518	M-010199-00		
PIPPIN	Cytotoxic	27254	NM_014460	M-012844-00		
PISD	Cytotoxic	23761	NM_014338	M-009548-00		
PKN3	Cytotoxic	29941	NM_013355	M-004647-00		
PLA2G1B	Cytotoxic	5319	NM_000928	M-008873-00		
PLAA	Cytotoxic	9373	NM_004253	M-016215-00		
PLCL4	Cytotoxic	9651	XM_371214	M-027529-00		
PLK1	Cytotoxic	5347	NM_005030	M-003290-01		
PLVAP	Cytotoxic	83483	NM_031310	M-014714-00		
PNLIPRP1	Cytotoxic	5407	NM_006229	M-009145-00		
PNMA2	Cytotoxic	10687	XM_376764	M-017715-00		
PNUTL2	Cytotoxic	5414	NM_004574	M-011886-00		
POLE2	Cytotoxic	5427	NM_002692	M-018612-00		POLE2
POLR2A	Cytotoxic	5430	NM_000937	M-011186-01		
POLR2B	Cytotoxic	5431	NM_000938	M-011187-00		
POLR2C	Cytotoxic	5432	NM_002694	M-009620-00		
POLR2D	Cytotoxic	5433	NM_004805	M-011943-00		
POLR2E	Cytotoxic	5434	NM_002695	M-004739-00		
POLR2F	Cytotoxic	5435	NM_021974	M-004723-00		
POLR2H	Cytotoxic	5437	NM_006232	M-012247-00		
POLR2I	Cytotoxic	5438	NM_006233	M-012248-00	YES	
POLR2J	Cytotoxic	5439	NM_006234	M-012249-00		
POLR2K	Cytotoxic	5440	NM_005034	M-011979-00		
POLR2L	Cytotoxic	5441	NM_021128	M-013133-00		
POLR3E	Cytotoxic	55718	NM_018119	M-020773-00	YES	
POU3F4	Cytotoxic	5456	NM_000307	M-019344-00		
PP1057	Cytotoxic	83441	NM_031285	M-014704-00		
PP1665	Cytotoxic	81544	NM_030792	M-019423-00		
PP3111	Cytotoxic	64118	NM_022156	M-015688-00		
PPAP2C	Cytotoxic	8612	NM_003712	M-011500-00		
PPIL4	Cytotoxic	85313	NM_139126	M-010401-00		
PPIL6	Cytotoxic	285755	NM_173672	M-009111-00		

PPP1R10	Cytotoxic	5514	NM_002714	M-011358-00		
PPP3R1	Cytotoxic	5534	NM_000945	M-009869-01		
PPRC1	Cytotoxic	23082	NM_015062	M-016647-00		
PRAP1	Cytotoxic	118471	NM_145202	M-027286-00		
PRKAB1	Cytotoxic	5564	NM_006253	M-007675-00		
PRKAG3	Cytotoxic	53632	NM_017431	M-009859-01		
PRND	Cytotoxic	23627	NM_012409	M-019271-00		
PROL3	Cytotoxic	10879	NM_006685	M-020063-00		
PROL5	Cytotoxic	26952	NM_012390	M-020197-00		
PROSAPI1	Cytotoxic	9762	NM_014731	M-013436-00		
PROSC	Cytotoxic	11212	NM_007198	M-008449-00		
PRPF4	Cytotoxic	9128	NM_004697	M-015638-00		
PRPF8	Cytotoxic	10594	NM_006445	M-012252-01	YES	
PRSS11	Cytotoxic	5654	NM_002775	M-006009-00		
PRY2	Cytotoxic	442862	NM_00100275	M-032351-00		
PSCA	Cytotoxic	8000	NM_005672	M-003697-00		
PSG5	Cytotoxic	5673	NM_002781	M-015989-00		
PSG6	Cytotoxic	5675	NM_002782	M-020127-00		
PSMA1	Cytotoxic	5682	NM_002786	M-010123-01		
PSMA2	Cytotoxic	5683	NM_002787	M-011757-00		
PSMA3	Cytotoxic	5684	NM_002788	M-011758-00		
PSMA4	Cytotoxic	5685	NM_002789	M-017211-00		
PSMA5	Cytotoxic	5686	NM_002790	M-011359-00		
PSMA6	Cytotoxic	5687	NM_002791	M-011360-00		
PSMA7	Cytotoxic	5688	NM_002792	M-004209-00		
PSMB1	Cytotoxic	5689	NM_002793	M-011361-00		
PSMB3	Cytotoxic	5691	NM_002795	M-017489-00		
PSMB4	Cytotoxic	5692	NM_002796	M-011362-00		
PSMB6	Cytotoxic	5694	NM_002798	M-006020-00		
PSMB7	Cytotoxic	5695	NM_002799	M-006021-00		
PSMC1	Cytotoxic	5700	NM_002802	M-009578-00		
PSMC3	Cytotoxic	5702	NM_002804	M-008738-01		
PSMC4	Cytotoxic	5704	NM_006503	M-009261-00		
PSMC5	Cytotoxic	5705	NM_002805	M-009484-00		
PSMC6	Cytotoxic	5706	NM_002806	M-009570-00		
PSMD1	Cytotoxic	5707	NM_002807	M-011363-00		
PSMD11	Cytotoxic	5717	NM_002815	M-011367-00		
PSMD12	Cytotoxic	5718	NM_002816	M-011368-00		
PSMD14	Cytotoxic	10213	NM_005805	M-006024-00		
PSMD3	Cytotoxic	5709	NM_002809	M-011364-00		
PSMD7	Cytotoxic	5713	NM_002811	M-009621-01		
PSMD8	Cytotoxic	5714	NM_002812	M-017583-00		
PSMF1	Cytotoxic	9491	NM_006814	M-012320-00		
PTCRA	Cytotoxic	171558	NM_138296	M-017157-00		
PTMA	Cytotoxic	5757	NM_002823	M-005207-01		
PUNC	Cytotoxic	9543	NM_004884	M-012689-00		
PYY	Cytotoxic	5697	NM_004160	M-019822-00		
QP-C	Cytotoxic	27089	NM_014402	M-012517-00		
QSCN6	Cytotoxic	5768	NM_002826	M-011371-00		
RALB	Cytotoxic	5899	NM_002881	M-008403-00		
RAN	Cytotoxic	5901	NM_006325	M-010353-00		
RAPGEF6	Cytotoxic	51735	NM_016340	M-008593-00	YES	
RASSF4	Cytotoxic	83937	NM_032023	M-017587-00		

RB1CC1	Cytotoxic	9821	NM_014781	M-021117-00		
RBAF600	Cytotoxic	23352	NM_020765	M-014021-00		
RBBP9	Cytotoxic	10741	NM_006606	M-017623-00		
RBJ	Cytotoxic	51277	NM_016544	M-009842-00		
RBM22	Cytotoxic	55696	NM_018047	M-021186-00		
RBM27	Cytotoxic	54439	XM_291128	M-024337-00		
RBM3	Cytotoxic	5935	NM_006743	M-018969-00		
RBM8A	Cytotoxic	9939	NM_005105	M-003531-00		
RCE1	Cytotoxic	9986	NM_005133	M-006025-00		
RCN3	Cytotoxic	57333	NM_020650	M-017962-00		
RDH5	Cytotoxic	5959	NM_002905	M-008220-01		
REA	Cytotoxic	11331	NM_007273	M-018703-00		
REG1B	Cytotoxic	5968	NM_006507	M-012297-00		
RFT1	Cytotoxic	91869	NM_052859	M-018174-00		
RFWD3	Cytotoxic	55159	NM_018124	M-017095-00	YES	
RGS8	Cytotoxic	85397	NM_033345	M-008229-00		
RHBG	Cytotoxic	57127	NM_020407	M-020429-00		
RIMS4	Cytotoxic	140730	NM_182970	M-021322-00	YES	
RNF10	Cytotoxic	9921	NM_014868	M-006918-00		
RNF137	Cytotoxic	55128	NM_018073	M-007007-00		
RNF28	Cytotoxic	84676	NM_032588	M-007093-00		
RNF5	Cytotoxic	6048	NM_006913	M-006558-00		
ROXAN	Cytotoxic	23264	NM_017590	M-017425-00		
RPA2	Cytotoxic	6118	NM_002946	M-017058-00		
RPH3A	Cytotoxic	22895	NM_014954	M-020354-00		
RPL10	Cytotoxic	6134	NM_006013	M-012164-00		
RPL10A	Cytotoxic	4736	NM_007104	M-013666-00		
RPL11	Cytotoxic	6135	NM_000975	M-013703-00		
RPL13A	Cytotoxic	23521	NM_012423	M-013601-00		
RPL14	Cytotoxic	9045	NM_003973	M-012948-00		
RPL15	Cytotoxic	6138	NM_002948	M-013718-00		
RPL17	Cytotoxic	6139	NM_000985	M-013633-00		
RPL18	Cytotoxic	6141	NM_000979	M-011142-00		
RPL18A	Cytotoxic	6142	NM_000980	M-011158-00		
RPL19	Cytotoxic	6143	NM_000981	M-010865-00		
RPL21	Cytotoxic	6144	NM_000982	M-012910-00		
RPL23	Cytotoxic	9349	NM_000978	M-013634-00		
RPL23A	Cytotoxic	6147	NM_000984	M-012863-00		
RPL24	Cytotoxic	6152	NM_000986	M-011144-00		
RPL26	Cytotoxic	6154	NM_000987	M-011132-00		
RPL27	Cytotoxic	6155	NM_000988	M-012859-00		
RPL27A	Cytotoxic	6157	NM_000990	M-011159-00		
RPL3	Cytotoxic	6122	NM_000967	M-012975-00		
RPL30	Cytotoxic	6156	NM_000989	M-013604-00		
RPL31	Cytotoxic	6160	NM_000993	M-013587-00		
RPL32	Cytotoxic	6161	NM_000994	M-011146-00		
RPL34	Cytotoxic	6164	NM_000995	M-013545-00		
RPL35	Cytotoxic	11224	NM_007209	M-012371-00		
RPL35A	Cytotoxic	6165	NM_000996	M-013543-00		
RPL36	Cytotoxic	25873	NM_015414	M-010130-00		
RPL36A	Cytotoxic	6173	NM_021029	M-013480-00		
RPL37	Cytotoxic	6167	NM_000997	M-011147-00		
RPL37A	Cytotoxic	6168	NM_000998	M-013478-00		

RPL38	Cytotoxic	6169	NM_000999	M-011133-00		
RPL39	Cytotoxic	6170	NM_001000	M-011148-00		
RPL4	Cytotoxic	6124	NM_000968	M-008956-00		
RPL5	Cytotoxic	6125	NM_000969	M-013611-00		
RPL6	Cytotoxic	6128	NM_000970	M-012955-00		
RPL7	Cytotoxic	6129	NM_000971	M-013727-00		
RPL7A	Cytotoxic	6130	NM_000972	M-011134-00		
RPL8	Cytotoxic	6132	NM_000973	M-013721-00		
RPL9	Cytotoxic	6133	NM_000661	M-011139-00		
RPLP0	Cytotoxic	6175	NM_001002	M-010864-00		
RPLP1	Cytotoxic	6176	NM_001003	M-011135-00		
RPLP2	Cytotoxic	6181	NM_001004	M-004314-00		
RPS10	Cytotoxic	6204	NM_001014	M-011136-00		
RPS11	Cytotoxic	6205	NM_001015	M-013569-00		
RPS12	Cytotoxic	6206	NM_001016	M-011149-00		
RPS13	Cytotoxic	6207	NM_001017	M-011150-00		
RPS14	Cytotoxic	6208	NM_005617	M-013532-00		
RPS15	Cytotoxic	6209	NM_001018	M-011151-00		
RPS15A	Cytotoxic	6210	NM_001019	M-013542-00		
RPS16	Cytotoxic	6217	NM_001020	M-013627-00		
RPS17	Cytotoxic	6218	NM_001021	M-011152-00		
RPS18	Cytotoxic	6222	NM_022551	M-011890-00		
RPS19	Cytotoxic	6223	NM_001022	M-003771-00		
RPS2	Cytotoxic	6187	NM_002952	M-013690-00		
RPS20	Cytotoxic	6224	NM_001023	M-011137-00		
RPS21	Cytotoxic	6227	NM_001024	M-011153-00		
RPS23	Cytotoxic	6228	NM_001025	M-011154-00		
RPS24	Cytotoxic	6229	NM_001026	M-011155-00		
RPS26	Cytotoxic	6231	NM_001029	M-013675-00		
RPS28	Cytotoxic	6234	NM_001031	M-013679-00		
RPS29	Cytotoxic	6235	NM_001032	M-011157-00		
RPS3	Cytotoxic	6188	NM_001005	M-013607-00		
RPS3A	Cytotoxic	6189	NM_001006	M-013603-00		
RPS4X	Cytotoxic	6191	NM_001007	M-011138-00		
RPS5	Cytotoxic	6193	NM_001009	M-010498-01		
RPS6	Cytotoxic	6194	NM_001010	M-003024-01		
RPS7	Cytotoxic	6201	NM_001011	M-013700-00		
RPS8	Cytotoxic	6202	NM_001012	M-011140-00		
RPS9	Cytotoxic	6203	NM_001013	M-011131-00		
RRM1	Cytotoxic	6240	NM_001033	M-004270-00		RRM1
RRM2	Cytotoxic	6241	NM_001034	M-010379-01		RRM2
RRN3	Cytotoxic	54700	NM_018427	M-016947-00		
RTBDN	Cytotoxic	83546	NM_031429	M-014723-00		
RTN4IP1	Cytotoxic	84816	NM_032730	M-010131-01		
RTN4R	Cytotoxic	65078	NM_023004	M-008075-01		
RTTN	Cytotoxic	25914	NM_173630	M-031139-00		
RUNX2	Cytotoxic	860	NM_004348	M-012665-00		
RUVBL2	Cytotoxic	10856	NM_006666	M-012299-00	YES	
SARA2	Cytotoxic	51128	NM_016103	M-021029-00		
SARM1	Cytotoxic	23098	NM_015077	M-008076-00		
SART2	Cytotoxic	29940	NM_013352	M-013644-00		
SCFD1	Cytotoxic	23256	NM_016106	M-010943-00	YES	
SCN1B	Cytotoxic	6324	NM_001037	M-020909-00		

SCNM1	Cytotoxic	79005	NM_024041	M-014273-00		
SCRT1	Cytotoxic	83482	NM_031309	M-013490-00		
SCUBE1	Cytotoxic	80274	NM_173050	M-017693-00		
SDS	Cytotoxic	10993	NM_006843	M-008214-00		
SEC13L1	Cytotoxic	6396	NM_030673	M-012351-00		
SEC3L1	Cytotoxic	55763	NM_018261	M-013312-00		
SEC61G	Cytotoxic	23480	NM_014302	M-012509-00		
SEC6L1	Cytotoxic	11336	NM_007277	M-019010-00		
SEMG2	Cytotoxic	6407	NM_003008	M-019709-00		
SEPW1	Cytotoxic	6415	NM_003009	M-019585-00		
SEZ6	Cytotoxic	124925	NM_178860	M-008080-00		
SF3A1	Cytotoxic	10291	NM_005877	M-016051-00	YES	
SF3B1	Cytotoxic	23451	NM_012433	M-020061-00		
SF3B2	Cytotoxic	10992	XM_290506	M-026599-00	YES	
SF3B3	Cytotoxic	23450	NM_012426	M-020085-00		
SF3B5	Cytotoxic	83443	NM_031287	M-014706-00	YES	
SFPQ	Cytotoxic	6421	NM_005066	M-006455-01		
SFRS1	Cytotoxic	6426	NM_006924	M-018672-00		
SFRS3	Cytotoxic	6428	NM_003017	M-030081-00		
SGOL1	Cytotoxic	151648	NM_138484	M-015475-00		
SGSH	Cytotoxic	6448	NM_000199	M-009053-01		
SHANK2	Cytotoxic	22941	NM_012309	M-012459-00		
SIAT4B	Cytotoxic	6483	NM_006927	M-012352-00		
SIAT7E	Cytotoxic	81849	NM_030965	M-014685-00		
SIGLEC7	Cytotoxic	27036	NM_014385	M-020546-00		
SIGLEC8	Cytotoxic	27181	NM_014442	M-012843-00		
SIN3B	Cytotoxic	23309	XM_050561	M-031246-00		
SITPEC	Cytotoxic	51295	NM_016581	M-010826-00		
SKIP	Cytotoxic	80309	XM_051221	M-023135-00		
SLBP	Cytotoxic	7884	NM_006527	M-012286-00		
SLC10A3	Cytotoxic	8273	NM_019848	M-007378-00		
SLC13A4	Cytotoxic	26266	NM_012450	M-007394-00		
SLC1A3	Cytotoxic	6507	NM_004172	M-007427-00		
SLC1A6	Cytotoxic	6511	NM_005071	M-007430-00		
SLC24A2	Cytotoxic	25769	NM_020344	M-007465-00		
SLC25A11	Cytotoxic	8402	NM_003562	M-007470-00		
SLC25A14	Cytotoxic	9016	NM_003951	M-007473-00		
SLC25A17	Cytotoxic	10478	NM_006358	M-007476-00		
SLC25A2	Cytotoxic	83884	NM_031947	M-007479-00		
SLC26A1	Cytotoxic	10861	NM_022042	M-007488-00		
SLC28A2	Cytotoxic	9153	NM_004212	M-007504-00		
SLC2A5	Cytotoxic	6518	NM_003039	M-007518-00		
SLC30A9	Cytotoxic	10463	NM_006345	M-007530-00		
SLC31A1	Cytotoxic	1317	NM_001859	M-007531-00		
SLC35B4	Cytotoxic	84912	NM_032826	M-007545-00		
SLC37A3	Cytotoxic	84255	NM_032295	M-007556-00		
SLC39A7	Cytotoxic	7922	NM_006979	M-007338-00		
SLC41A3	Cytotoxic	54946	NM_017836	M-007330-00		
SLC9A3R2	Cytotoxic	9351	NM_004785	M-006660-00		
SLCO2B1	Cytotoxic	11309	NM_007256	M-007442-00		
SLU7	Cytotoxic	10569	NM_006425	M-017191-00		
SMAP1	Cytotoxic	60682	NM_021940	M-017275-00		
SMP3	Cytotoxic	80235	NM_025163	M-012954-00		

SMU1	Cytotoxic	55234	NM_018225	M-021129-00		
SN	Cytotoxic	6614	NM_023068	M-017521-00		
SNAPAP	Cytotoxic	23557	NM_012437	M-015835-00		
SNAPC4	Cytotoxic	6621	NM_003086	M-019580-00		
SNRPB	Cytotoxic	6628	NM_003091	M-017766-00		
SNRPC	Cytotoxic	6631	NM_003093	M-019574-00		
SNRPD1	Cytotoxic	6632	NM_006938	M-012353-00		
SNRPD2	Cytotoxic	6633	NM_004597	M-013617-00		
SNX7	Cytotoxic	51375	NM_015976	M-013216-00		
SOC	Cytotoxic	91544	NM_145345	M-016403-00		
SOX14	Cytotoxic	8403	NM_004189	M-019055-00		
SOX21	Cytotoxic	11166	NM_007084	M-019728-00		
SP1	Cytotoxic	6667	NM_138473	M-026959-00		
SP192	Cytotoxic	60313	NM_021639	M-016463-00		
SPAG1	Cytotoxic	6674	NM_003114	M-004312-02		
SPANXA1	Cytotoxic	30014	NM_013453	M-013560-00		
SPANXA2	Cytotoxic	64650	NM_145662	M-017414-00		
SPATA11	Cytotoxic	84266	NM_032306	M-014847-00		
SPATA2	Cytotoxic	9825	NM_006038	M-020065-00		
SPINK4	Cytotoxic	27290	NM_014471	M-020235-00		
SPP2	Cytotoxic	6694	NM_006944	M-019720-00		
SPRR3	Cytotoxic	6707	NM_005416	M-019976-00		
SPUF	Cytotoxic	29937	NM_013349	M-016079-00		
SPUVE	Cytotoxic	11098	NM_007173	M-006043-00		
SRP46	Cytotoxic	10929	NM_032102	M-012323-00		
SRP72	Cytotoxic	6731	NM_006947	M-019716-00		
SS18L2	Cytotoxic	51188	NM_016305	M-021092-00		
SSB3	Cytotoxic	90864	NM_080861	M-017713-00		
SSB3	Cytotoxic	90864	NM_080861	M-017713-00		
SSB4	Cytotoxic	92369	NM_080862	M-015283-00		
SSPN	Cytotoxic	8082	NM_005086	M-011901-00		
STARD10	Cytotoxic	10809	NM_006645	M-012743-00		
STK6	Cytotoxic	6790	NM_003600	M-003545-09	YES	
STMN4	Cytotoxic	81551	NM_030795	M-016810-00		
STX6	Cytotoxic	10228	NM_005819	M-017164-00	YES	
STXBP2	Cytotoxic	6813	NM_006949	M-019713-00		
SUPT5H	Cytotoxic	6829	NM_003169	M-016234-00		
SUPT6H	Cytotoxic	6830	NM_003170	M-010540-01		
SURB7	Cytotoxic	9412	NM_004264	M-016221-00		
SYNCOILIN	Cytotoxic	81493	NM_030786	M-014652-00		
SYNGR4	Cytotoxic	23546	NM_012451	M-012483-00		
SYNPO	Cytotoxic	11346	NM_007286	M-021390-00		
T1	Cytotoxic	83696	NM_031466	M-019414-00		
T1A-2	Cytotoxic	10630	NM_006474	M-017560-00		
T2BP	Cytotoxic	92610	NM_052864	M-015147-00		
TAX1BP3	Cytotoxic	30851	NM_014604	M-014192-00		
TBL3	Cytotoxic	10607	NM_006453	M-017431-00		
TCAP	Cytotoxic	8557	NM_003673	M-011496-00		
TCP10	Cytotoxic	6953	NM_004610	M-019823-00		
TEKT2	Cytotoxic	27285	NM_014466	M-012530-00		
TERF2IP	Cytotoxic	54386	NM_018975	M-021219-00	YES	TERF2IP
TF	Cytotoxic	7018	NM_001063	M-011189-00		
TGM4	Cytotoxic	7047	NM_003241	M-008686-00		

THAP8	Cytotoxic	199745	NM_152658	M-021459-00		
THSD2	Cytotoxic	84870	NM_032784	M-012849-00		
TIGD5	Cytotoxic	84948	NM_032862	M-013595-00		
TIMM13	Cytotoxic	26517	NM_012458	M-009538-00		
TINP1	Cytotoxic	10412	NM_014886	M-017043-00		
TIP39	Cytotoxic	113091	NM_178449	M-017735-00		
TLL2	Cytotoxic	7093	NM_012465	M-006047-01		
TM4SF7	Cytotoxic	7106	NM_003271	M-010625-00		
TMC1	Cytotoxic	117531	NM_138691	M-017206-00		
TMP21	Cytotoxic	10972	NM_006827	M-003718-00		
TMPRSS5	Cytotoxic	80975	NM_030770	M-006051-00		
TMPRSS9	Cytotoxic	360200	NM_182973	M-019463-00		
TNFRSF13C	Cytotoxic	115650	NM_052945	M-013424-00		
TNFRSF25	Cytotoxic	8718	NM_003790	M-004449-01		
TNP1	Cytotoxic	7141	NM_003284	M-017809-00		
TNRC15	Cytotoxic	26058	NM_015575	M-013918-00		
TNRC5	Cytotoxic	10695	NM_006586	M-019437-00		
TOE1	Cytotoxic	114034	NM_025077	M-018386-00		
TOMM7	Cytotoxic	54543	NM_019059	M-013762-00		
TPARL	Cytotoxic	55858	NM_018475	M-018846-00		
TPST1	Cytotoxic	8460	NM_003596	M-008839-00		
TPX2	Cytotoxic	22974	NM_012112	M-010571-00	YES	
TRIM11	Cytotoxic	81559	NM_145214	M-007075-00		
TRIM41	Cytotoxic	90933	NM_033549	M-007105-00		
TRIM52	Cytotoxic	84851	NM_032765	M-007095-00		
TRIM9	Cytotoxic	114088	NM_015163	M-012974-00		
TSP50	Cytotoxic	29122	NM_013270	M-009055-00		
TTC13	Cytotoxic	79573	NM_024525	M-018132-00		
TTC5	Cytotoxic	91875	NM_138376	M-015535-00		
TTK	Cytotoxic	7272	NM_003318	M-004105-00		
TLL1	Cytotoxic	25809	NM_012263	M-009556-00		
TTYH1	Cytotoxic	57348	NM_020659	M-020721-00		
TUBA6	Cytotoxic	84790	NM_032704	M-014966-00		
TUBG1	Cytotoxic	7283	NM_001070	M-005160-01		
TUFT1	Cytotoxic	7286	NM_020127	M-021218-00		
TXNDC2	Cytotoxic	84203	NM_032243	M-018662-00		
TXNDC9	Cytotoxic	10190	NM_005783	M-012079-00		
U5-200KD	Cytotoxic	23020	NM_014014	M-014161-00		
UBA52	Cytotoxic	7311	NM_003333	M-011794-00		
UBB	Cytotoxic	7314	NM_018955	M-013382-00		
UBC	Cytotoxic	7316	NM_021009	M-019408-00		
UNQ3030	Cytotoxic	375387	NM_198565	M-031838-00		
UNQ827	Cytotoxic	400830	NM_207469	M-032152-00		
UNQ9356	Cytotoxic	389400	NM_207410	M-032083-00		
UNQ9366	Cytotoxic	125931	NM_198444	M-027208-00		
UNQ9370	Cytotoxic	400454	NM_207447	M-032131-00		
UPK3B	Cytotoxic	80761	NM_030570	M-019188-00		
USP41	Cytotoxic	373856	XM_036729	M-031434-00		
UTP14A	Cytotoxic	10813	NM_006649	M-016395-00	YES	
VANGL2	Cytotoxic	57216	XM_049695	M-010581-00		
VCP	Cytotoxic	7415	NM_007126	M-008727-01	YES	
VEZATIN	Cytotoxic	55591	NM_017599	M-017105-00		
VIK	Cytotoxic	79027	NM_024061	M-012894-00		

VIPR1	Cytotoxic	7433	NM_004624	M-005749-00		
VMP1	Cytotoxic	81671	NM_030938	M-015899-00		
VPS11	Cytotoxic	55823	NM_021729	M-007022-00		
VPS54	Cytotoxic	51542	NM_016516	M-021174-00		
WBP1	Cytotoxic	23559	NM_012477	M-012487-00		
WDR12	Cytotoxic	55759	NM_018256	M-012972-00		
WDR13	Cytotoxic	64743	NM_017883	M-021319-00		
WDR4	Cytotoxic	10785	NM_018669	M-013491-00		
WINS1	Cytotoxic	55180	NM_018148	M-019129-00		
WNT8B	Cytotoxic	7479	NM_003393	M-009409-00		
XAB1	Cytotoxic	11321	NM_007266	M-021485-00		
ZBTB16	Cytotoxic	7704	NM_006006	M-018719-01		
ZBTB2	Cytotoxic	57621	NM_020861	M-014129-00	YES	
ZBTB4	Cytotoxic	57659	NM_020899	M-014149-00		
ZCCHC2	Cytotoxic	54877	NM_017742	M-027338-00		
ZCCHC9	Cytotoxic	84240	NM_032280	M-014831-00		
ZDHC1	Cytotoxic	29800	NM_013304	M-014193-00		
ZDHC11	Cytotoxic	79844	NM_024786	M-014447-00		
ZDHC18	Cytotoxic	84243	XM_046911	M-021844-00		
ZFP276	Cytotoxic	92822	NM_152287	M-015702-00		
ZFP95	Cytotoxic	23660	NM_014569	M-013583-00		
ZG16	Cytotoxic	123887	NM_152338	M-015694-00		
ZNF117	Cytotoxic	7670	NM_024498	M-014163-00		
ZNF142	Cytotoxic	7701	XM_376172	M-019930-00		
ZNF16	Cytotoxic	7564	NM_006958	M-012773-00		
ZNF205	Cytotoxic	7755	NM_003456	M-019556-00		
ZNF207	Cytotoxic	7756	NM_003457	M-019557-00		
ZNF212	Cytotoxic	7988	NM_012256	M-017526-00		
ZNF256	Cytotoxic	10172	NM_005773	M-021347-00		
ZNF275	Cytotoxic	10838	XM_372267	M-024859-00		
ZNF286	Cytotoxic	57335	NM_020652	M-020716-00		
ZNF287	Cytotoxic	57336	NM_020653	M-007035-00		
ZNF300	Cytotoxic	91975	NM_052860	M-015144-00		
ZNF32	Cytotoxic	7580	NM_006973	M-012775-00		
ZNF34	Cytotoxic	80778	NM_030580	M-018566-00		
ZNF41	Cytotoxic	7592	NM_007130	M-012388-00		
ZNF441	Cytotoxic	126068	NM_152355	M-016909-00		
ZNF496	Cytotoxic	84838	NM_032752	M-014983-00		
ZNF576	Cytotoxic	79177	NM_024327	M-014337-00		
ZNF594	Cytotoxic	84622	XM_290737	M-023003-00		
ZNF76	Cytotoxic	7629	NM_003427	M-015952-00		
ZSWIM1	Cytotoxic	90204	NM_080603	M-018444-00		
ZWINT	Cytotoxic	11130	NM_007057	M-006830-00		

Supplementary Table 2

Gene Symbol	Score	Entrez Gene ID	Accession #	Catalog #	pSQTQ
FLJ21816	Strong	79728	NM_024675	M-012928-00	YES
MARCH3	Strong	115123	NM_178450	M-007116-00	
ANAPC5	Medium	51433	NM_016237	M-016095-00	
C13ORF23	Medium	80209	NM_025138	M-012952-00	
CHEK1	Medium	1111	NM_001274	M-003255-02	YES
CLIC3	Medium	9022	NM_004669	M-011805-00	
CNN1	Medium	1264	NM_001299	M-015851-00	
DKFZP761I1011	Medium	84239	NM_032279	M-023682-00	
DPF1	Medium	8193	NM_004647	M-031779-00	
FLJ31846	Medium	160857	NM_144974	M-016742-00	
LOC158381	Medium	158381	XM_376829	M-029548-00	
LOC389329	Medium	DC	XM_374138	M-028472-00	
LOC90139	Medium	90139	NM_130783	M-015297-00	
NAB1	Medium	4664	NM_005966	M-015359-00	
PTGFRN	Medium	5738	XM_040709	M-010619-00	
SWAP70	Medium	23075	NM_015055	M-010323-00	
WEE1	Medium	7465	NM_003390	M-005050-00	
ATP1B3	Weak+	483	NM_001679	M-004569-00	
BBS7	Weak+	55212	NM_018190	M-013346-00	
BRUNOL6	Weak+	60677	NM_052840	M-015854-00	
BTBD14A	Weak+	138151	NM_144653	M-015957-00	
C20ORF158	Weak+	85362	NM_152302	M-016827-00	
C5ORF5	Weak+	51306	NM_016603	M-020738-00	
CTAG1A	Weak+	246100	NM_139250	M-016967-00	
DKFZP686J0811	Weak+	341640	XM_292193	M-021693-00	
FLJ12606	Weak+	79862	NM_024804	M-014454-00	
GGPS1	Weak+	9453	NM_004837	M-016477-00	
GPT2	Weak+	84706	NM_133443	M-004173-01	
LAMP1	Weak+	3916	NM_005561	M-013481-00	
LOC388166	Weak+	DC	XM_370898	M-030480-00	
LOC389395	Weak+	389395	XM_371824	M-028721-00	
LOC390377	Weak+	DC	XM_372486	M-030242-00	
LOC90120	Weak+	90120	XM_379680	M-029408-00	
MGC10992	Weak+	92922	NM_033212	M-015088-00	
NIT1	Weak+	4817	NM_005600	M-020022-00	
OPTN	Weak+	10133	NM_021980	M-016269-00	
SLC31A2	Weak+	1318	NM_001860	M-007532-00	
SLC39A2	Weak+	29986	NM_014579	M-007570-00	
ZDHHC1	Weak+	29800	NM_013304	M-014193-00	
ADAMTS10	Weak	81794	NM_030957	M-005762-00	
BACE1	Weak	23621	NM_012104	M-003747-00	
BAT4	Weak	7918	NM_033177	M-013701-00	
C10ORF75	Weak	90271	XM_030445	M-026305-00	
C20ORF114	Weak	92747	NM_033197	M-010095-00	
C21ORF69	Weak	84537	NM_058189	M-015220-00	
CGI-116	Weak	51019	NM_016053	M-020900-00	
CNNM1	Weak	26507	NM_020348	M-020830-00	
COL14A1	Weak	7373	XM_044622	M-025907-00	
CYP51A1	Weak	1595	NM_000786	M-009215-00	
DKFZP434L187	Weak	26082	XM_375171	M-030372-00	
FAM38A	Weak	9780	NM_014745	M-020870-00	
FLJ12436	Weak	79714	NM_024661	M-016444-00	
FLJ14154	Weak	79903	NM_024845	M-014479-00	
FLJ14834	Weak	84935	NM_032849	M-016348-00	
FLJ20345	Weak	54903	NM_017777	M-020774-00	

FLJ20694	Weak	55018	NM_017928	M-020969-00	
FLJ22573	Weak	79713	NM_024660	M-014401-00	
FSHB	Weak	2488	NM_000510	M-012537-00	
HIST1H2BF	Weak	8343	NM_003522	M-011442-00	
HLA-DOB	Weak	3112	NM_002120	M-011686-00	
HM13	Weak	81502	NM_030789	M-005896-01	
HYAL4	Weak	23553	NM_012269	M-012447-00	
KIAA1596	Weak	57697	XM_048128	M-021955-00	
KRTAP21-2	Weak	337978	NM_181617	M-018617-00	
LOC284207	Weak	284207	XM_209073	M-022983-00	
LOC285908	Weak	285908	NM_181722	M-018928-00	
LOC399924	Weak	DC	XM_378301	M-029911-00	
LOC402560	Weak	DC	XM_380127	M-031802-00	
LOC87769	Weak	87769	XM_373431	M-030187-00	
LOC90525	Weak	90525	XM_032304	M-022237-00	
LSM6	Weak	11157	NM_007080	M-019754-00	
MGC11266	Weak	79172	NM_024322	M-014339-00	
MGC15429	Weak	84836	NM_032750	M-009831-00	
MGC22960	Weak	387338	NM_199044	M-027291-00	
MGC61550	Weak	348110	NM_182616	M-018687-00	
PNPLA1	Weak	285848	NM_173676	M-009042-00	
PNUTL2	Weak	5414	NM_004574	M-011886-00	
POLK	Weak	51426	NM_016218	M-021038-00	
PRSS22	Weak	64063	NM_022119	M-006013-00	
RABGGTA	Weak	5875	NM_004581	M-005097-00	
RBPSUHL	Weak	11317	NM_014276	M-012504-00	
RCD-8	Weak	23644	NM_014329	M-016635-00	YES
RGMB	Weak	285704	NM_173670	M-018102-00	
RNF10	Weak	9921	NM_014868	M-006918-00	
SEC14L4	Weak	284904	NM_174977	M-019246-00	
SEZ6	Weak	124925	NM_178860	M-008080-00	
SLBP	Weak	7884	NM_006527	M-012286-00	
SLC39A3	Weak	29985	NM_144564	M-007571-00	
SON	Weak	6651	NM_003103	M-012983-00	
SYTL3	Weak	94120	XM_087804	M-004544-00	
TKTL1	Weak	8277	NM_012253	M-004736-00	
TLL2	Weak	7093	NM_012465	M-006047-01	
TSPY2	Weak	64591	NM_022573	M-014173-00	
UCN2	Weak	90226	NM_033199	M-018173-00	
WDR20	Weak	91833	NM_144574	M-021318-00	
ZMYND12	Weak	84217	NM_032257	M-015735-00	
ZNF226	Weak	7769	NM_015919	M-019147-00	
ZNF441	Weak	126068	NM_152355	M-016909-00	

Supplementary Table 3

Gene Symbol	Entrez Gene ID	Accession	# checkpoint siRNAs	Secondary Score	MI Untreated	MMC Sensitivity	Catalog Number	Sequence	Primary Score	Cytotoxic Score	pSQTQ
ATR	545	NM_001184	4	Strong Strong Medium Strong		YES YES YES YES	D-003202-05	GAACAACA	Strong		
							D-003202-10	GGUCAGC			
							D-003202-17	GCAACUCG			
							D-003202-18	ACUGAUG			
BRCA2	675	NM_000059	4	Medium Medium Medium Strong		YES YES YES YES	D-003462-01	GAAACGG	Medium		YES
							D-003462-02	GUAAGA			
							D-003462-03	GGUAUCA			
							D-003462-04	GAAGAAU			
CHEK1	1111	NM_001274	4	Medium Weak+ Strong Medium		YES YES YES YES	D-003255-06	GCAACAG	Cytotoxic Bypass	Medium	YES
							D-003255-07	GGACUUC			
							D-003255-08	AAAGAUAC			
							D-003255-09	CCACAUG			
FLJ21816	79728	NM_024675	4	Medium Strong Weak Medium		YES YES YES YES	D-012928-01	GAAGCAA	Cytotoxic Bypass	Strong	YES
							D-012928-02	GAUAAUG			
							D-012928-03	GCAGUGA			
							D-012928-04	GAAGUCA			
MBTPS1	8720	NM_003791	4	Weak+ Weak Weak Weak			D-005939-02	GCAGUGA	Medium		
							D-005939-04	GAAUAAC			
							D-005939-05	GGAAUUA			
							D-005939-06	AAAGAAG			
ABTB2	25841	NM_145804	3	Weak Weak Weak Weak		YES YES YES YES	D-016671-01	GAAUGAC	Medium		
							D-016671-02	ACUAUGA			
							D-016671-03	GCACUGG			
							D-016671-04	CUACAAU			
C20ORF53	140826	NM_178472	3	Weak Weak Medium		YES YES YES YES	D-018137-01	CCGAUGA	Weak+		
							D-018137-02	AGACAUC			
							D-018137-03	CUGCCUG			
							D-018137-04	AGAUAGG			
C6ORF211	79624	NM_024573	3	Weak Weak Weak		YES YES YES YES	D-014372-01	GCACCAU	Strong		
							D-014372-02	GGUUGCA			
							D-014372-03	GCUACUA			
							D-014372-04	UCAGAAU			
CDS1	1040	NM_001263	3	Medium Weak Weak		YES YES YES YES	D-008680-01	GCAAUGA	Medium		
							D-008680-02	UGACAGA			
							D-008680-03	GUUCCAA			
							D-008680-04	UAACUAU			
CLOCK	9575	NM_004898	3	Medium Weak Weak Weak		YES YES YES YES	D-008212-01	CAAAGAA	Medium		
							D-008212-02	GCUGGAA			
							D-008212-03	GGCAAAU			
							D-008212-04	GAGUUUA			
DNMT3B	1789	NM_006892	3	Weak+ Weak Weak Weak		YES YES YES YES	D-006395-01	GAAAGUA	Medium		
							D-006395-04	ACAAAUG			
							D-006395-05	GCUCUUA			
							D-006395-06	UUUACCA			
FANCL	55120	NM_018062	3	Weak Weak Weak+ Medium		YES YES YES YES	D-021486-01	GAAGUUG	Medium		
							D-021486-02	GCGGAUA			
							D-021486-03	GAACAUAC			
							D-021486-04	GAUAGGA			

FLJ25955	164781	NM_178821	3	Weak Weak Medium			D-017857-01 D-017857-02 D-017857-03 D-017857-04	GGAUUGC CGAGGAA GGAUAAU GCCACUG	Weak+		
FLJ36561	150248	NM_182520	3	Weak Weak Medium		YES YES	D-018678-01 D-018678-02 D-018678-03 D-018678-04	GGGCACA GAACCUG GCAGGUG GAGCAAA	Medium		
HPS3	84343	NM_032383	3	Weak+ Weak Medium			D-017309-01 D-017309-02 D-017309-03 D-017309-04	GACCAGAI CGAGAGAI GCAUAGAI CGUCCUAI	Weak+		
IL13RA1	3597	NM_001560	3	Weak+ Weak Weak		YES	D-007933-02 D-007933-03 D-007933-04 D-007933-05	GAAUACA GAAACUC CCACAAU CAAGAAAL	Medium		
KIAA1596	57697	XM_048128	3	Weak+ Medium Weak+		YES YES YES	D-021955-01 D-021955-02 D-021955-03 D-021955-04	GUACUGC CAAACCA CAACAGU GAACAAG	Cytotoxic	Weak	
KIAA1679	80731	XM_046570	3	Medium Weak Weak+		YES	D-022909-01 D-022909-02 D-022909-03 D-022909-04	GAGCAUC CAACUGG CGGACUC GUGGAGC	Medium		
LCT	3938	NM_002299	3	Weak+ Weak+ Weak+		YES YES	D-011717-01 D-011717-02 D-011717-03 D-011717-04	GGAGUGC GCUACCA UCUACUA AGUCAGAI	Medium		
LIPA	3988	NM_000235	3	Medium Weak+ Weak		YES YES	D-004043-01 D-004043-02 D-004043-04 D-004043-05	GAACCAU GGCCAAA GACCUAC CAAAUUAC	Strong		
LOC128710	128710	XM_059267	3	Weak+ Weak Weak Weak		YES YES	D-024240-01 D-024240-02 D-024240-03 D-024240-04	GGAACAI GGUUUUG CGAGAGA AUACGAA	Weak+		
LOC150759	150759	NM_175853	3	Medium Weak Weak Medium		YES YES	D-017982-01 D-017982-02 D-017982-03 D-017982-04	GACAAAG GAAACAA ACACUUC GAUCUAC	Strong		
LOC151256	151256	XM_087141	3	Weak Weak Medium		YES YES	D-023117-01 D-023117-02 D-023117-03 D-023117-04	GAGCAGC GCAAUAU CCUAAGA GACAGUA	Medium		
LOC285045	285045	XM_379086	3	Medium Weak Medium		YES YES YES	D-027824-01 D-027824-02 D-027824-03 D-027824-04	GAAGGCA CAACUUG AACAGUG GCUGGGA	Weak+		
LOC339896	339896	NM_207359	3	Medium Weak Weak			D-023510-01 D-023510-02 D-023510-03 D-023510-04	AGACAAU UAAUCGU UCGCCAA GCAGAAI	Weak+		

LOC389101	389101	XM_371622	3	Medium Weak	YES	D-028088-01 D-028088-02 D-028088-03 D-028088-04	CCACUAC GCUCCAA GUCACAA AAAGAUG	Strong		
LOC389250	389250	XM_374101	3	Weak Weak Weak+	YES	D-028302-01 D-028302-02 D-028302-03 D-028302-04	GCGACUA AGGAAAC GGGACCA GGAGAGU	Medium		
LOC389329	389329	XM_374138	3	Weak Weak Medium	YES	D-028472-01 D-028472-02 D-028472-03 D-028472-04	GCACAGA AAACAUG UGACAAU GUGUAGA	Cytotoxic Bypass	Medium	
LOC399818	399818	NM_212554	3	Weak Weak+ Weak	YES	D-032543-01 D-032543-02 D-032543-03 D-032543-04	GAGUAUG CCAUAAG GAGGAAG CCGAGAA	Medium		
LOC400526	400526	XM_375344	3	Medium Medium Medium Weak	YES YES	D-030743-01 D-030743-02 D-030743-03 D-030743-04	GUCAAGA UAACAAAC UCCCAGA UGAGAAA	Strong		
LOC90120	90120	XM_379680	3	Weak Weak+ Weak Weak+	YES YES YES YES	D-029408-01 D-029408-02 D-029408-03 D-029408-04	ACAACAAC UACUUUA GGUCUUC UCAAGAC	Cytotoxic Bypass	Weak+	
MGC16943	112479	NM_080663	3	Weak Weak+ Weak+		D-015252-01 D-015252-02 D-015252-03 D-015252-04	GAUCAGA UACAAUG CCAAGCA CGGCAGC	Strong		
MLANA	2315	NM_005511	3	Weak Weak+ Weak	YES YES	D-012715-01 D-012715-02 D-012715-03 D-012715-04	GAAACUC CCA AUGC ACAAGAA GCUCAUC	Medium		
MYO10	4651	NM_012334	3	Weak Weak Weak	YES	D-007217-01 D-007217-02 D-007217-03 D-007217-04	GGAAAGG GGACAUA CGUCGUA GAGAAGA	Medium		
NRF1	4899	NM_005011	3	Weak+ Medium Weak		D-017924-01 D-017924-02 D-017924-03 D-017924-04	GCAAGUG UAGUAUA AACCUAAC CGGAAAC	Strong		
NUBP2	10101	NM_012225	3	Medium Weak Medium		D-004705-01 D-004705-02 D-004705-03 D-004705-04	GAGCUGA GCAUCUC GCAAGAA GGAGUGC	Strong		
PAPLN	89932	XM_370765	3	Weak Weak+	YES YES	D-030307-01 D-030307-02 D-030307-03 D-030307-04	GCACGCU AGACCAA CAGUUUG CGGCCAG	Weak		
SHFM1	7979	NM_006304	3	Medium Weak Strong	YES	D-021353-01 D-021353-02 D-021353-03 D-021353-04	GCACAUG GUUAUAA AGACUGG CAAUGUA	Medium		

SYT14L	83851	NM_031914	3	Weak Medium	YES YES YES	D-014750-01 D-014750-02 D-014750-03 D-014750-04	CAACUAC ACACUUU GACCGCA U AACAGG	Weak+		
ABHD3	171586	NM_138340	2	Weak Medium	YES	D-008587-01 D-008587-02 D-008587-03 D-008587-04	CCACUGA GUACAGG CACCAGA UCACUGG	Weak		
ADAMTS16	170690	NM_139056	2	Medium Weak Medium	YES YES	D-005767-01 D-005767-02 D-005767-04 D-005767-05	GAACAGA GAGGAUA CAUAAGC GGACUGG	Medium		
AKAP8	10270	NM_005858	2	Weak+	YES YES	D-009656-02 D-009656-03 D-009656-04 D-009656-05	GGAACGA GAACAAC GAAUUC GCAGGAA	Weak+		
ALS2CR8	79800	NM_024744	2	Weak Weak	YES	D-015280-01 D-015280-02 D-015280-03 D-015280-04	GGACAGG CAUUAAG GUAAUGG GUUCUUA	Weak+		
APT X	54840	NM_175069	2	Weak Medium	YES YES	D-013368-01 D-013368-02 D-013368-03 D-013368-04	GAA AUGU AAUCAGA CCAAAGG AGGGAUA	Weak+		
ASB17	127247	NM_080868	2	Medium Weak Medium		D-015284-01 D-015284-02 D-015284-03 D-015284-04	GAACUUU GGAUUUC AAUGGUU UCACAGU	Strong		
ASH2L	9070	NM_004674	2	Medium Weak+	YES YES	D-019831-01 D-019831-02 D-019831-03 D-019831-04	AAAGAUG UAACAUU AGAGAUG UGAUCGA	Medium		
ATBF1	463	NM_006885	2	Weak Medium		D-015412-01 D-015412-02 D-015412-03 D-015412-04	GAACAAG CCACUAU GGACGGC GUACAGA	Weak		YES
ATP13A4	84239	NM_032279	2	Weak Weak+	YES YES YES	D-023682-01 D-023682-02 D-023682-03 D-023682-04	GCAUUUC UCAAGGA GCACGUA GUAGUUA	Cytotoxic Bypass	Medium	
ATP1B3	483	NM_001679	2	Weak+ Medium	YES YES	D-004569-01 D-004569-02 D-004569-03 D-004569-04	GGAAAGA GAACAGA GCAUGUC GAAGAUU	Cytotoxic Bypass	Weak+	
AZI1	22994	XM_045581	2	Weak+ Weak Medium	YES YES YES	D-023335-01 D-023335-02 D-023335-03 D-023335-04	CAACUUC UCUGACA GGAGGUC GGACAGG	Cytotoxic	Did not score	YES
BRE	9577	NM_004899	2	Medium Medium	YES YES	D-010210-02 D-010210-03 D-010210-04 D-010210-05	CAACUGG GCACAGG GAGAGUA GUACGUG	Medium		

BRIP1	83990	NM_032043	2	Medium Weak+		YES YES	D-010587-01 D-010587-02 D-010587-03 D-010587-04	GAACAGA GAUGAUC GGAAAUAG GAACUUG	Medium		
C13ORF23	80209	NM_025138	2	Weak Weak+		YES YES	D-012952-01 D-012952-02 D-012952-03 D-012952-04	CAACCCGA UAACAAUC GCACAAG GACAUUG	Cytotoxic Bypass	Medium	
C14ORF150	112840	NM_080666	2	Weak+		YES YES	D-015254-01 D-015254-02 D-015254-03 D-015254-04	GAGUACG GAGAAGA GGUAUAG GGUUAAA	Weak		
C14ORF160	79944	NM_024884	2	Weak+			D-008130-01 D-008130-02 D-008130-03 D-008130-04	GGAGAAA GAAAUUC GCAGGUG GGAAAUUC	Weak+		
C14ORF25	319089	XM_375077	2	Medium Weak		YES YES	D-021942-01 D-021942-02 D-021942-03 D-021942-04	GGCCAGA GGAAAGUA AGAGGAA UGAGAAA	Medium		
C1ORF54	79630	NM_024579	2	Medium Medium		YES YES	D-014374-01 D-014374-02 D-014374-03 D-014374-04	GCAAUAG AUUAUCA GAACCUA CAGAUUU	Medium		
C20ORF158	85362	NM_152302	2	Medium Weak Weak		YES YES YES	D-016827-01 D-016827-02 D-016827-03 D-016827-04	GCCAAGC CAACAUG CGCAAGG CCUGCAG	Cytotoxic Bypass	Weak+	
C21ORF130	284835	XM_379011	2	Weak Medium		YES YES	D-031382-01 D-031382-02 D-031382-03 D-031382-04	AAACCGG CCGAGUC GCCGAGA CCAAGUG	Weak+		
CCNE1	898	NM_001238	2	Weak		YES YES YES	D-003213-06 D-003213-07 D-003213-08 D-003213-09	GGAAAUUC GGAGGUG CUAAAUG GUAUAUG	Cytotoxic	Did not score	YES
CDC37	11140	NM_007065	2	Weak Medium		YES	D-003231-05 D-003231-06 D-003231-07 D-003231-08	GCGAGGA CACAAGA ACAAUCG GAGGAGA	Medium		
CDH17	1015	NM_004063	2	Weak Weak		YES	D-011829-01 D-011829-02 D-011829-03 D-011829-04	CCAUUGG GAACCGA AACCUAUC GUACGAA	Medium		
CKS2	1164	NM_001827	2	Weak Weak Weak			D-007678-01 D-007678-02 D-007678-03 D-007678-04	GGACAAG CCACAUU UCGACGA GUACCGG	Medium		
CLIC3	9022	NM_004669	2	Weak+	untreated	YES YES	D-011805-01 D-011805-02 D-011805-03 D-011805-04	GGAGAAA GCACAUUC AGACAGA CGGACGU	Cytotoxic Bypass	Medium	

CPSF2	53981	NM_017437	2	Weak+ Medium		YES YES	D-013404-01 D-013404-02 D-013404-03 D-013404-04	UAUGAUAA GAUCAGAA UUGGAUAA GAACUGUA	Weak+		
CYP11A1	1583	NM_000781	2	Weak Medium		YES YES YES	D-008329-01 D-008329-02 D-008329-03 D-008329-04	GUAAAUGA GGCUAAA GAAGUGU GAUGUGG	Medium		
DJ159A19.3	27245	XM_372774	2	Weak Weak		YES YES	D-027522-01 D-027522-02 D-027522-03 D-027522-04	GUACAGG GGACAA CCGGUGA GAAGGCA	Cytotoxic	Did not score	YES
DKFZP434B168	25896	NM_015434	2	Weak+ Medium	untreated	YES	D-013972-01 D-013972-02 D-013972-03 D-013972-04	CAACUUA GAAGAAU UCAAGAC GCGUUUU	Medium		
DKFZP564D137	84064	NM_032124	2	Weak		YES YES	D-018592-01 D-018592-02 D-018592-03 D-018592-04	UGAGGAG GGAAUUA GAGCAAG UUACUUA	Medium		
DMC1	11144	NM_007068	2	Medium Medium		YES YES	D-009551-01 D-009551-02 D-009551-03 D-009551-04	GGACAUU CCAGGAA GUAGGAA GAAGGAG	Medium		
DOCK11	139818	NM_144658	2	Weak Weak		YES YES	D-015696-01 D-015696-02 D-015696-03 D-015696-04	UAAAUGA GAUCAAC CGACAGA CGAAACAC	Cytotoxic Bypass	Did not score	YES
EPHB3	2049	NM_004443	2	Weak Weak		YES YES	D-003123-09 D-003123-10 D-003123-11 D-003123-12	GGAUGA GAUCCUA GAAGACCU CACAAUAA	Medium		
EPHB4	2050	NM_004444	2	Weak Weak+		YES	D-003124-05 D-003124-06 D-003124-07 D-003124-08	GGACAAA GUACUAA GGAGAGA GCCAAUA	Medium		
ERCC5	2073	NM_000123	2	Weak+ Weak		YES YES	D-006626-01 D-006626-02 D-006626-03 D-006626-04	CAUGAAU GAACGCA GAAAGAA GAACGAA	Medium		
FAM21C	253725	XM_350780	2	Weak- Medium Weak+			D-029678-01 D-029678-02 D-029678-03 D-029678-04	CAAAGGA GAACUUA AAGUAGA GAACAA	Weak+		
FANCE	2178	NM_021922	2	Weak		YES	D-013991-01 D-013991-02 D-013991-03 D-013991-04	CAACUGC GGAGAGA CCAAGUA CGAAUCU	Weak+		
FERD3L	222894	NM_152898	2	Weak+ Medium		YES YES YES	D-008437-01 D-008437-02 D-008437-03 D-008437-04	GAAGAGG CACGUUU ACACUAC GUCUAUA	Weak+		

FKBP5	2289	NM_004117	2	Weak+ Weak		YES YES YES	D-004224-01 D-004224-02 D-004224-04 D-004224-05	GAUGGAA AGAUUGA GGAGAGG GACCACG	Weak		YES
FLJ20534	54969	NM_017867	2	Weak+ Medium Weak		YES	D-020849-01 D-020849-02 D-020849-03 D-020849-04	AAAGCCA GAGUUC AAUCAAC AGGCUUG	Weak+		
FLJ22729	79736	NM_024683	2	Weak Weak Weak		YES	D-014410-01 D-014410-02 D-014410-03 D-014410-04	UAGAAGA GAAGAGA CAUGCUG UACAAGC	Weak+		
FLJ23703	200197	NM_182534	2	Weak+ Weak Weak		YES	D-018885-01 D-018885-02 D-018885-03 D-018885-04	GAACCUU GAACAUC CUUCUUA GUGUACA	Medium		
FLJ25224	120406	NM_182495	2	Weak+ Weak Weak		YES	D-018588-01 D-018588-02 D-018588-03 D-018588-04	UGCCAU GAACUUA CAUAGGA CCACAUG	Medium		
FLJ33977	285605	NM_173666	2	Weak Weak Weak Weak			D-018032-01 D-018032-02 D-018032-03 D-018032-04	CCGGAAG GGACAAG GCGUACA CGGAUGC	Weak+		
FLJ37874	338699	NM_182603	2	Medium Medium		YES	D-018873-01 D-018873-02 D-018873-03 D-018873-04	GAUCAAC UAAAUGG GAAUGGA UGCCAAG	Medium		
FLJ42393	401105	NM_207488	2	Weak Weak Weak		YES	D-032177-01 D-032177-02 D-032177-03 D-032177-04	GCUCUCA GUGAAGA CUCCAAG GCCUUCA	Medium		
FLJ45645	375287	NM_198557	2	Medium Medium		YES	D-027267-01 D-027267-02 D-027267-03 D-027267-04	GGACACA UGAAAGA GGGAGUU GAAUGAG	Weak+		
FLJ46111	283102	NM_198473	2	Weak+ Medium Weak			D-027228-01 D-027228-02 D-027228-03 D-027228-04	GGA AUGA ACAAGGA GAGCUGG GAGAUUA	Weak+		
FLJ46365	401459	NM_207504	2	Weak Weak		YES YES YES	D-032187-01 D-032187-02 D-032187-03 D-032187-04	GAACUGU CAGCUAA GGUCACC CUGACAC	Medium		
FLJ90805	284339	NM_173633	2	Weak Weak		YES	D-018209-01 D-018209-02 D-018209-03 D-018209-04	GGACUUC CCGCUCA GAUUAUU CCGUGAA	Weak+		
GARNL1	253959	XM_210022	2	Weak Weak			D-021937-01 D-021937-02 D-021937-03 D-021937-04	GAAACA UGAAUA GCACAAA GGACCAA	Cytotoxic	Did not score	YES

HAVCR1	26762	NM_012206	2	Weak Medium Weak			D-019856-01 D-019856-03 D-019856-04 D-019856-05	GGACACA UUUAGCA CGACGAC GGUCACG	Medium		
HCCA2	81532	NM_053005	2	Medium		YES YES YES YES	D-019362-01 D-019362-02 D-019362-03 D-019362-04	GAUACCC ACAUCAAC GAGCACA GAGAUUG	Medium		
HIST1H2BH	8345	NM_003524	2	Weak+ Weak+		YES	D-011444-01 D-011444-02 D-011444-03 D-011444-04	GGACGCA UAAAUGG AUAAAUG GCUCAUU	Medium		
HTR2B	3357	NM_000867	2	Weak+ Medium		YES YES	D-005639-01 D-005639-05 D-005639-06 D-005639-07	GAAGAAG CAAGAAA CGAUUAU AGAGCGA	Strong		
IL16	3603	NM_004513	2	Medium Weak		YES	D-007936-01 D-007936-02 D-007936-03 D-007936-05	AGAAUCA CCAGCAA CGCCAAA GAAGGGC	Medium		
IMP5	162540	NM_175882	2	Weak Weak		YES	D-005928-01 D-005928-02 D-005928-03 D-005928-04	GGGCAGA GACCCAG GCGCAAC GGACAUC	Medium		
JM11	90060	NM_033626	2	Weak Weak		YES YES	D-015130-01 D-015130-02 D-015130-03 D-015130-04	GAAACCA GGACGUA GCCUGA GAAGUCA	Weak		YES
KAB	9859	NM_014812	2	Weak Medium		YES YES YES	D-021258-01 D-021258-02 D-021258-03 D-021258-04	GAAGUAA CGUAACA GUACUUA GAUUUAU	Weak		YES
KCNH4	23415	NM_012285	2	Medium Weak		YES YES	D-006234-01 D-006234-02 D-006234-03 D-006234-05	GCACUGU GGACUGC GACCAGU CAUCGAC	Medium		
KIAA0586	9786	NM_014749	2	Weak Weak		YES	D-020892-01 D-020892-02 D-020892-03 D-020892-04	CAAAGUU CAACAGU UCAAACAC GGACAGA	Cytotoxic Bypass	Did not score	
KIAA1446	57596	NM_020836	2	Weak Weak Weak			D-014095-01 D-014095-02 D-014095-03 D-014095-04	GGAGACA GCCCAGA GGACAAC CCAAGGU	Weak+		YES
KIAA1912	114800	XM_055636	2	Weak Weak Weak			D-022684-01 D-022684-02 D-022684-03 D-022684-04	GAAUCAAC GUACAAA GGAUUUA GGUACAU	Medium		
KIF1B	23095	NM_015074	2	Weak Medium		YES	D-009317-01 D-009317-02 D-009317-03 D-009317-04	GAAGAAA GGAGAUC CAACUGC UGAAGAA	Medium		

KLHDC5	57542	NM_020782	2	Weak Weak			D-027054-01 D-027054-02 D-027054-03 D-027054-04	GGUCUUA GGUCUAA GACAUAA AUAACUG	Weak+		YES
KRTAP11-1	337880	NM_175858	2	Weak Medium Medium Weak		YES	D-017999-01 D-017999-02 D-017999-03 D-017999-04	GGAGGAC CGACAAA GCUGUGA CGGCGAA	Medium		
LOC129642	129642	NM_138799	2			YES	D-010299-01 D-010299-02 D-010299-03 D-010299-04	GAAGGCA GAACUUA GCACAUU GCAAUAA	Medium		
LOC148898	148898	NM_138479	2	Weak Weak		YES	D-031726-01 D-031726-02 D-031726-03 D-031726-04	GCAGGUA GCGAAGC GCAGGCA CGAACAG	Medium		
LOC155036	155036	XM_376722	2	Weak Medium		YES YES YES	D-028875-01 D-028875-02 D-028875-03 D-028875-04	UAACUGA UUACGGA GGAAGUG GGACACA	Medium		
LOC256223	256223	XM_170840	2	Medium Weak+		YES	D-023341-01 D-023341-02 D-023341-03 D-023341-04	GGAAGUG AAUCAUG UGGCAAA GGGCCUG	Medium		
LOC284390	284390	XM_371138	2	Weak Weak Weak+		YES	D-031229-01 D-031229-02 D-031229-03 D-031229-04	GAUCCUA GGGAAUG AAUAAA UGUCAUU	Weak+		
LOC284749	284749	XM_378983	2	 Weak Weak+		YES YES	D-031307-01 D-031307-02 D-031307-03 D-031307-04	GGAAGG AGACAAA GCUCUCA GGAUUCC	Weak+		
LOC286009	286009	XM_376665	2	Weak Weak+		YES YES	D-028925-01 D-028925-02 D-028925-03 D-028925-04	GCAAACA UACAGAA GUAGAAA UAAAAUC	Medium		
LOC286144	286144	XM_379592	2	Weak Weak+		YES	D-029342-01 D-029342-02 D-029342-03 D-029342-04	GCAGCAA CAUAUAC UGAAGAC UAACCUC	Medium		
LOC286157	286157	XM_209920	2	Weak Weak+		YES YES	D-025973-01 D-025973-02 D-025973-03 D-025973-04	UAAAUGA GGUCAGG CGUACCA GUGCAGG	Weak+		
LOC339448	339448	NM_207356	2	Medium Medium Strong		YES	D-021859-01 D-021859-02 D-021859-03 D-021859-04	UACAGAA GCAGAAG GACAACA GAAUGAC	Weak+		
LOC339803	339803	XM_379098	2	Weak		YES YES YES	D-027847-01 D-027847-02 D-027847-03 D-027847-04	CAAAACA AAUCAAC GGUAUCU CAGAAGU	Medium		

LOC345462	345462	XM_293828	2	Weak Weak		YES YES	D-024604-01 D-024604-02 D-024604-03 D-024604-04	GAGAAGA GAACCAU CAACACAC CAAUAUC	Weak+		
LOC387702	387702	XM_370570	2	Weak Weak		YES YES	D-029644-01 D-029644-02 D-029644-03 D-029644-04	AAAGAAG CAAGAAAC GGACUAC GGAGUAA	Weak+		
LOC387718	387718	XM_370582	2	Weak Weak+			D-029689-01 D-029689-02 D-029689-03 D-029689-04	GAUAAGA AAAGUAA CCACGAU GUGACUA	Medium		
LOC387816	387816	XM_370664	2	Medium Medium		YES YES	D-029818-01 D-029818-02 D-029818-03 D-029818-04	GCACACA UGAGAUAI GAACUUU UGAGAUAI	Weak+		
LOC388001	388001	XM_373599	2	Weak+ Weak		YES	D-030312-01 D-030312-02 D-030312-03 D-030312-04	GAGCUCA UAGAGAG GAAGAGC GUGUUAA	Medium		
LOC388002	388002	XM_373600	2	Weak Weak Weak		YES YES YES	D-030313-01 D-030313-02 D-030313-03 D-030313-04	GAAGAAG GCAUAAU GUAUUGG GGCCAAG	Medium		
LOC388142	388142	XM_373638	2	Medium		YES	D-030440-01 D-030440-02 D-030440-03 D-030440-04	GAAGAGG GGACUCA UCACUAG CCAAGUC	Medium		
LOC388160	388160	XM_370894	2	Weak Weak+		YES	D-030559-01 D-030559-02 D-030559-03 D-030559-04	GGAAAGA CCGAAAC CGCAUGC CUAGAAG	Medium		
LOC388166	388166	XM_370898	2	Weak+ Medium		YES	D-030480-01 D-030480-02 D-030480-03 D-030480-04	GCUCCCU CAACCAA AUACCAU CCACAGU	Cytotoxic Bypass	Weak+	
LOC388361	388361	XM_371034	2	Weak Medium		YES YES	D-030937-01 D-030937-02 D-030937-03 D-030937-04	AAACAGC CACGAAU UUUCAUC GGAACAU	Medium		
LOC389276	389276	XM_371728	2	Weak Weak Weak+			D-028500-01 D-028500-02 D-028500-03 D-028500-04	GGACAGC AGUCAAA AAAGGGU UAAGAGU	Weak+		
LOC389395	389395	XM_371824	2	Weak Strong Weak	untreated	YES	D-028721-01 D-028721-02 D-028721-03 D-028721-04	ACAUGAC GAAACAU GGAUCUG AAAACAG	Cytotoxic Bypass	Weak+	
LOC389541	389541	XM_371939	2	Weak Weak			D-028918-01 D-028918-02 D-028918-03 D-028918-04	GAACACA GCGCCUG GUGCAGU GGAGCCC	Medium		

LOC389950	389950	XM_372307	2	Weak+			D-029790-01 D-029790-02 D-029790-03 D-029790-04	GGACAAA GCACUGC UGAUGUG UGACAAA	Weak+		
LOC390466	390466	XM_372521	2	Medium Weak Medium		YES	D-030360-01 D-030360-02 D-030360-03 D-030360-04	GAUAGGA UGAGAAG GAGAAGC UUUAAGA	Weak+		
LOC392164	392164	XM_373224	2	Weak- Weak		YES YES	D-028795-01 D-028795-02 D-028795-03 D-028795-04	GAGGGAG GCUCUUC GAAAUAC GCGUGAG	Weak+		
LOC392586	392586	XM_373398	2	Medium Weak Weak Weak+		YES YES	D-031680-01 D-031680-02 D-031680-03 D-031680-04	GGCCAGU GAGGAGU ACAUAUC CCGGAGA	Medium		
LOC392791	392791	XM_374752	2			YES	D-029140-01 D-029140-02 D-029140-03 D-029140-04	GCAGAAA CAUCAUG CAUCUGA GCCAUGA	Medium		
LOC400301	400301	XM_375150	2	Weak Medium Weak Medium		YES YES YES	D-030530-01 D-030530-02 D-030530-03 D-030530-04	GGA AUGG CAACAAC ACUGUGG GCAUCUG	Medium		
LOC400479	400479	XM_375282	2			YES YES	D-030767-01 D-030767-02 D-030767-03 D-030767-04	CUACAAA CGACUUG GCUGUUG GAGCAUC	Medium		
LOC400714	400714	XM_375639	2	Weak Medium			D-031138-01 D-031138-02 D-031138-03 D-031138-04	GAACUGC UAGCUCA GGGCAUC CAUCCUU	Medium		
LOC400842	400842	XM_375914	2	Weak Medium		YES	D-031352-01 D-031352-02 D-031352-03 D-031352-04	UCUCUGG CAGAAGA GAAAGGC CAGAUGA	Weak+		
LOC401293	401293	XM_376558	2	Weak+ Weak		YES YES YES	D-028730-01 D-028730-02 D-028730-03 D-028730-04	CUAAGA CAACACA CAAAGCA GGAACGC	Medium		
LOC401440	401440	XM_379539	2	Medium Medium		YES	D-029252-01 D-029252-02 D-029252-03 D-029252-04	GGAAGAC GAAAAGC CCAGUUG UGUCUCU	Medium		
LRRC34	151827	NM_153353	2	Weak Weak Weak		YES YES	D-016744-01 D-016744-02 D-016744-03 D-016744-04	GAUAUAA GCCCGAA CAGCAGG GAUGAGG	Strong		
LSECTIN	339390	NM_198492	2			YES YES	D-032216-01 D-032216-02 D-032216-03 D-032216-04	CGAGGGC ACAAACG GGAACGA CGCGAGA	Weak+		

MGC13204	83695	NM_031465	2	Weak		YES YES YES	D-014736-01 D-014736-02 D-014736-03 D-014736-04	GAGCUUA GCGAGAC GAGGACA GACCUGU	Cytotoxic	Did not score	YES
MGC26717	285237	NM_173824	2	Weak- Weak		YES YES	D-009016-01 D-009016-02 D-009016-03 D-009016-04	CAACCUA CCACCGA CCAAUGA GGACAUC	Medium		
MLLT4	4301	NM_005936	2	Weak+ Medium Weak+	untreated	YES	D-020075-01 D-020075-02 D-020075-03 D-020075-04	UGAGAAA GUUAAGG CGCCUUC CAUCAGC	Weak+		YES
MMAB	326625	NM_052845	2	Weak+ Medium		YES	D-015137-01 D-015137-02 D-015137-03 D-015137-04	UAAAGUA CCAAAGA GGAACUA GGGAGAG	Medium		
MTP	4547	NM_000253	2	Weak Weak+		YES	D-008301-01 D-008301-02 D-008301-03 D-008301-04	GAAGACA GAAGUAA CAACUGG GAAAGGA	Medium		
MYOD1	4654	NM_002478	2	Weak Weak			D-010316-01 D-010316-02 D-010316-03 D-010316-04	CAACGGA GCAACGC GCACGUC CCGAAGA	Medium		
NARF	26502	NM_012336	2	Medium Weak		YES YES	D-012465-01 D-012465-02 D-012465-03 D-012465-04	GCACACA GAACGGA CCAAGGA GCUGGAG	Cytotoxic Bypass	Did not score	YES
NYD-TSP1	84654	NM_032567	2	Weak Medium		YES	D-015845-01 D-015845-02 D-015845-03 D-015845-04	GAAUGAA UAACGAA GUAGAAG GCAAUAC	Weak+		
OR10K1	391109	NM_00100447	2	Weak+ Medium			D-032412-01 D-032412-02 D-032412-03 D-032412-04	CAAUACA GCUAUAC UAACUGU CAAGACU	Medium		
OR2T11	127077	NM_00100196	2	Weak Strong			D-032345-01 D-032345-02 D-032345-03 D-032345-04	GGGAUUG GCAAAUU GACACGU CCCGAAG	Weak+		
OR51F2	119694	NM_00100475	2	Weak Weak Weak		YES YES YES	D-026821-01 D-026821-02 D-026821-03 D-026821-04	GCCAAUG GGGAUGA CUAUGUC CUACACG	Medium		
OR6V1	346517	NM_00100166	2	Weak Medium		YES YES	D-032315-01 D-032315-02 D-032315-03 D-032315-04	GAGCUCA GAGCCAG ACACUCG CUACAGU	Medium		
PAQR4	124222	NM_152341	2	Medium Weak+		YES YES	D-007910-01 D-007910-02 D-007910-03 D-007910-04	CUGCAGG UGGUAAA ACAACGA ACACUGU	Medium		

PDE6D	5147	NM_002601	2	Weak+			D-004310-01 D-004310-02 D-004310-03 D-004310-08	UGACGAC CGUCUUA CAAACUAA AUCCCUAA	Medium		
PHLDA1	22822	NM_007350	2	Weak Weak		YES	D-012389-01 D-012389-02 D-012389-03 D-012389-04	GAACUGC GAGGAAG UGAAGAC UCAAAUC	Medium		
PLS1	5357	NM_002670	2	Weak+		YES YES	D-011356-01 D-011356-02 D-011356-03 D-011356-04	GGAGUCA AAAGAUC GGCAGGA GCCAAGA	Strong		
POTE15	339010	NM_207355	2	Weak Medium			D-032043-01 D-032043-02 D-032043-03 D-032043-04	GUGAAUU GACAACU CGACGAC UGGCUGA	Weak+		
PPARBP	5469	NM_004774	2	Weak+ Medium		YES YES	D-004126-01 D-004126-02 D-004126-03 D-004126-08 D-004126-09	GAGGAAA GCAGAGA CAAGCUG GAAUAAU	Medium		YES
PPM1A	5494	NM_021003	2	Weak+ Weak		YES	D-009574-01 D-009574-02 D-009574-04 D-009574-05	GCAGGUG GUAAUCC GGUAAUG GUAAUGG	Weak		
PPM1L	151742	NM_139245	2	Weak Medium		YES YES YES	D-008679-01 D-008679-02 D-008679-03 D-008679-04	UCACAAG GCAGGUG UGAAGAA GAAGCAG	Medium		
PRICKLE2	166336	NM_198859	2	Weak Weak+		YES YES YES YES	D-023495-01 D-023495-02 D-023495-03 D-023495-04	GGAAGAG CUGAACAA ACAUUAU GCAAGUG	Medium		
PRKAG2	51422	NM_016203	2	Medium Weak		YES	D-009693-01 D-009693-02 D-009693-03 D-009693-04	GCACGAG GCAAUAA CCACAACA GGAAUGC	Medium		YES
PSCD1	9267	NM_004762	2	Weak Weak		YES YES	D-011926-01 D-011926-02 D-011926-03 D-011926-04	GGAAUCA AAGAGAC GGGAGAG GCAAUAU	Medium		
PTGFRN	5738	XM_040709	2	Weak Medium		YES YES YES	D-010619-01 D-010619-02 D-010619-03 D-010619-04	GCAAGGA GAACUGG GAAGACA GAAACGA	Cytotoxic Bypass	Medium	
PTPRO	5800	NM_002848	2	Weak Weak		YES	D-008500-01 D-008500-02 D-008500-04 D-008500-05	CAACAAA GAAAGUA GAGCAA GGUCAUA	Medium		
RAD23A	5886	NM_005053	2	Weak Weak		YES YES YES	D-005231-01 D-005231-02 D-005231-03 D-005231-04	GAACUUU GAAGUAU GAACAUG GGAGAAA	Weak		YES

RAP1B	5908	NM_015646	2	Medium Medium		YES YES YES YES	D-010364-01 D-010364-03 D-010364-04 D-010364-05	GAACAACI CAAUGAU GACCUAGI AGUUAAG	Medium		
RAPGEF6	51735	NM_016340	2	Weak Medium		YES YES YES	D-008593-01 D-008593-02 D-008593-03 D-008593-04	CAAGGAA GGACUAA GGAGAGC GGUAGGA	Cytotoxic		YES
RARRES3	5920	NM_004585	2	Weak Medium		YES YES YES YES	D-011889-01 D-011889-03 D-011889-04 D-011889-05	GCACUGG CAACAGU UAUGGCA CGAAGGA	Weak+		
RBBP8	5932	NM_002894	2	Weak Weak		YES YES	D-011376-01 D-011376-02 D-011376-03 D-011376-04	GAGCAGA GAAGUGA CAACCAAC GAAUAGG	Cytotoxic Bypass	Did not score	YES
RBM15	64783	NM_022768	2	Weak Weak			D-010854-01 D-010854-02 D-010854-03 D-010854-04	GGACAGA GAAGUA GGACACC GGUGUA	Medium		YES
RERE	473	NM_012102	2	Weak Weak		YES	D-008367-01 D-008367-02 D-008367-03 D-008367-04	GAGAUGA GGAAGAG GAACCGA GAAGAAA	Weak+		
RFX2	5990	NM_000635	2	Weak Medium		YES YES YES	D-011129-01 D-011129-02 D-011129-03 D-011129-04	GAAGGCU UGACACA UGACGCU GAGAGAC	Medium		
RIC-8	60626	NM_021932	2	Weak Weak		YES	D-016121-01 D-016121-02 D-016121-03 D-016121-04	GAGAAGC CCACGGA GGGAGAU GAAGCCG	Weak		YES
SBDS	51119	NM_016038	2	Medium Weak+			D-019217-01 D-019217-02 D-019217-03 D-019217-04	GUAAGCA GAGAUGA UUAGAAA UGGAAGU	Medium		
SCGB1A1	7356	NM_003357	2	Weak Medium		YES YES	D-016680-01 D-016680-02 D-016680-03 D-016680-04	GGACACA CCAGAGA GAAACUC CAAAGCU	Medium		
SMNDC1	10285	NM_005871	2	Medium Medium		YES	D-016257-01 D-016257-02 D-016257-03 D-016257-04	CAACAGA GCAACAA CCAAGAG GAAAGUA	Medium		
STK22D	83942	NM_032028	2	Medium Weak Weak		YES	D-005038-05 D-005038-07 D-005038-08 D-005038-09	GGACGAA GGAUGAC CCAGCAA CAUCACA	Medium		
TCEA1	6917	NM_006756	2	Weak Weak		YES	D-010496-01 D-010496-02 D-010496-03 D-010496-04	GAAAGAA GAACGCG CAAGUCI GCACCAA	Weak		YES

TRAPPC1	58485	NM_021210	2	Medium Medium			D-013781-01 D-013781-02 D-013781-03 D-013781-04	GUUACAA/ CGACUGG/ GGAUCAAA/ CCACAACC	Weak+		
TXNDC2	84203	NM_032243	2	Medium Weak		YES YES YES YES	D-018662-01 D-018662-02 D-018662-03 D-018662-04	GCGAUGA/ AAGAAACG/ AAGCAGU/ AGGAAGC	Cytotoxic	Did not score	
WDHD1	11169	NM_007086	2	Weak+ Weak		YES	D-019780-01 D-019780-02 D-019780-03 D-019780-04	GAUCAGA/ GGUAAUA/ GCUGUGA/ GGUCGAA	Cytotoxic Bypass	Did not score	YES
WDR40B	139170	NM_178470	2	Medium Weak Weak			D-017873-01 D-017873-02 D-017873-03 D-017873-04	GUGAUGA/ CAAGUUC/ CCACAUC/ UUACUUU	Medium		
WEE1	7465	NM_003390	2	Weak Medium	untreated	YES	D-005050-01 D-005050-02 D-005050-03 D-005050-04	GCAGAAC/ UAGAACA/ GAUCAUA/ AAUCGGC	Cytotoxic	Medium	
ZNF307	387032	NM_019110	2	Weak Weak Weak		YES YES	D-032209-01 D-032209-02 D-032209-03 D-032209-04	GGGAAGA/ GGAGUAG/ GGUGAAA/ GACACAA	Medium		YES
ZNF616	90317	XM_030892	2	Weak		YES YES YES	D-023805-01 D-023805-02 D-023805-03 D-023805-04	GUUCACA/ CAGCAUA/ GGAGAAG/ CACUAAAC	Weak+		
ABCA6	23460	NM_080284	1	Weak+		YES YES	D-008535-01 D-008535-02 D-008535-03 D-008535-04	GGAUGGA/ CAAACUG/ CAUGAGA/ GGAUUAU	Medium		
ABCB4	5244	NM_000443	1	Medium		YES YES	D-007302-01 D-007302-02 D-007302-03 D-007302-04	GCUGAAG/ ACAAGAA/ GACAUGA/ GAACUGG	Strong		
ABHD1	84696	NM_032604	1	Medium		YES YES	D-013589-01 D-013589-02 D-013589-03 D-013589-04	GCAGUAG/ GCUCUUG/ GGAUAUC/ GUACAAU	Medium		
ACTC	70	NM_005159	1	Weak		YES	D-012015-01 D-012015-02 D-012015-03 D-012015-04	GCAUGUC/ GCAUCCA/ CAACAAU/ CUACGUA	Medium		
ADAM30	11085	NM_021794	1	Weak			D-005759-01 D-005759-02 D-005759-03 D-005759-04	GGAGCAA/ GCGAUUC/ GAACAAC/ GAGCAUA	Weak+		
ADNP	23394	NM_015339	1	Medium			D-012857-01 D-012857-02 D-012857-03 D-012857-04	CAACAAU/ CGAAGAC/ GAAGAAG/ GGAAAUG	Medium		YES

ADPRTL1	143	NM_006437	1	Weak		YES YES YES	D-007244-01 D-007244-02 D-007244-03 D-007244-04	GAAGACA GAACUGG GGUUGAA GCACACA	Medium		
ADRB3	155	NM_000025	1	Weak		YES	D-005427-01 D-005427-02 D-005427-03 D-005427-04	UGACAGA GAAAUCC GGUCAAA GAACAGA	Strong		
APRIN	23047	NM_015032	1	Strong		YES	D-010362-01 D-010362-02 D-010362-03 D-010362-04	GAUGAAU GAACUUC GAACAAA AGACGAC	Medium		YES
ARL2BP	23568	NM_012106	1	Weak+		YES	D-013074-01 D-013074-02 D-013074-03 D-013074-04	GAAUACA GAGAAUA GAUGACG AGUACUA	Medium		YES
ATF3	467	NM_001674	1	Weak		YES YES YES	D-008663-01 D-008663-02 D-008663-03 D-008663-04	GCAAAGU AGAAGCA GAGAAAC GAUAAAA	Medium		
AUP1	550	NM_012103	1	Medium		YES	D-012410-01 D-012410-02 D-012410-03 D-012410-04	GCCAACA GCAAGCA CAACAUA GAUGUGG	Weak+		
B3GALT1	8708	NM_020981	1	Weak			D-013691-01 D-013691-02 D-013691-03 D-013691-04	CAUAAGA UAUCAAC UAACUCG CGGGAUG	Weak+		
B4GALT1	2683	NM_001497	1	Weak Medium		YES	D-012965-01 D-012965-02 D-012965-03 D-012965-04	GUACAGA GACUAUG CCAUCUG GCGUCAC	Weak+		
BBS7	55212	NM_018190	1			YES YES	D-013346-01 D-013346-02 D-013346-03 D-013346-04	UAACAGG UUACAGG GCGCUUA GUUCUAC	Cytotoxic Bypass	Weak+	
BECN1	8678	NM_003766	1	Weak	untreated		D-010552-01 D-010552-02 D-010552-03 D-010552-04	CUAAGGA GGAUGAC UAAGAUG GCCAACA	Strong		
BOMB	80014	NM_024949	1	Weak+		YES	D-016585-01 D-016585-02 D-016585-03 D-016585-04	GCGGACA GACCUUU UGAAUUA CCACCGA	Medium		
BTBD14A	138151	NM_144653	1	Weak		YES YES YES YES	D-015957-01 D-015957-02 D-015957-03 D-015957-04	GCACCGA GAACUGA GAAAUUG GUGCAGG	Cytotoxic	Weak+	
BTG1	694	NM_001731	1	Weak+ Medium	untreated	YES YES	D-011598-01 D-011598-02 D-011598-03 D-011598-04	GAACUCA UGAAGUG GUUUUCG CCAACGU	Medium		

C11ORF11	747	NM_006133	1	Medium Weak	untreated	YES YES YES	D-012209-01 D-012209-02 D-012209-03 D-012209-04	UGACUGA GACAAGA CACAAAG GGAGCAA	Medium		
C14ORF147	171546	NM_138288	1	Weak+		YES	D-017156-01 D-017156-02 D-017156-03 D-017156-04	GCACUAC GAGCGGA AAGCAGA CAGCACAU	Weak+		
C14ORF149	112849	NM_144581	1	Weak		YES	D-010373-01 D-010373-02 D-010373-03 D-010373-04	GCAGUGA GAAGCGA GAAGAUG GGAGUGA	Weak+		
C14ORF39	317761	NM_174978	1	Weak			D-017933-01 D-017933-02 D-017933-03 D-017933-04	GUUCACA CGUCUGA GAGUUUA UAGGAUA	Weak		
C14ORF48	256369	NM_152777	1	Weak		YES YES	D-016258-01 D-016258-02 D-016258-03 D-016258-04	GGACCAC CAGAAGA GAGAAGU CGGUGAA	Weak+		
C18ORF37	125476	NM_194281	1	Weak			D-019327-01 D-019327-02 D-019327-03 D-019327-04	UAAGCCA UUAAGGA AACAAAU CAGGUCU	Cytotoxic	Did not score	
C1ORF21	81563	NM_030806	1	Weak		YES YES YES	D-010941-01 D-010941-02 D-010941-03 D-010941-04	AUAAAGA GAGCAA AAGAAGA GAGAUGU	Weak+		
C22ORF19	8563	NM_003678	1	Weak		YES	D-015317-01 D-015317-02 D-015317-03 D-015317-04	AAAUUGA GAAUCGA GAGACUA CGAGAGU	Weak+		YES
C7ORF20	51608	NM_015949	1	Weak		YES	D-020967-01 D-020967-02 D-020967-03 D-020967-04	AAACAGU CCAAGCA GUGAGUC UCGAGAA	Strong		
C9ORF89	84270	NM_032310	1	Weak		YES	D-016972-01 D-016972-02 D-016972-03 D-016972-04	GAUCAGA CACCAAC UCUUUA GGGACUG	Cytotoxic	Did not score	YES
CADPS2	93664	NM_017954	1	Weak		YES	D-018078-01 D-018078-02 D-018078-03 D-018078-04	GAAAGGU GCAGACA GCAACGC GUGCGGA	Cytotoxic	Did not score	YES
CAPN7	23473	NM_014296	1	Medium		YES	D-005807-01 D-005807-02 D-005807-03 D-005807-04	UAACAGC GAAUUGC UGAAAGA GAAGUUA	Medium		
CASP14	23581	NM_012114	1	Weak		YES YES	D-004403-01 D-004403-02 D-004403-03 D-004403-04	GGACUAU GAGCUAA GAGAUGA ACAGAUG	Medium		

CAT	847	NM_001752	1	Medium			D-010021-01 D-010021-02 D-010021-03 D-010021-04	CACAUGA GGAAUCC GAGCACA GGACAUC	Medium		
					untreated						
CCHCR1	54535	NM_019052	1	Medium		YES	D-020481-01 D-020481-02 D-020481-03 D-020481-04	GAGACAA GGACCUG UUAAGCA CCUGAUU	Medium		
CCL26	10344	NM_006072	1	Weak+			D-007838-01 D-007838-02 D-007838-03 D-007838-04	GCUAUGA GAUUAUC GAAAGUC GGAGUGA	Weak+		
CCM1	889	NM_004912	1	Weak		YES YES YES	D-003825-01 D-003825-03 D-003825-04 D-003825-05	GAAGCUA CAUAUUG UGAAAUA GAUUAUA	Weak+		
CD160	11126	NM_007053	1	Weak+		YES	D-019771-01 D-019771-02 D-019771-03 D-019771-04	CGACUAA CAGUUGA GAUAGAU GAAGUCA	Medium		
CD8B1	926	NM_004931	1	Medium Medium		YES YES YES	D-011975-01 D-011975-02 D-011975-03 D-011975-04	GAAGAGA GCUAAAA GAAGAU GAUGCAA	Medium		
CDH9	1007	NM_016279	1	Medium Medium		YES YES	D-013169-01 D-013169-02 D-013169-03 D-013169-04	CAACAAC GAACCGG GCUGGCA AAAGAU	Medium		
CDK5	1020	NM_004935	1	Weak+ Weak		YES YES YES	D-003239-05 D-003239-06 D-003239-07 D-003239-08	UGACCAA GAGCUGA CAACAUC GGAUUCC	Weak+		
CDKN1A	1026	NM_000389	1	Medium Medium		YES	D-003471-01 D-003471-02 D-003471-03 D-003471-04	GAUGGAA GCGAUGG CGAUGGA CGACUGU	Medium		
CHAF1A	10036	NM_005483	1	Weak			D-019938-01 D-019938-04 D-019938-05 D-019938-06	GAAAGGA ACACGAA AAACAAC GACAUAG	Cytotoxic	Did not score	YES
CKAP1	1155	NM_001281	1	Weak		YES	D-020186-01 D-020186-02 D-020186-03 D-020186-04	GGGAAAC UCGUGA GGAUUGG GUAUGGA	Medium		YES
CKAP4	10970	NM_006825	1	Weak		YES	D-012755-01 D-012755-02 D-012755-03 D-012755-04	CCAAAUC CCAAGGG AGACCCA CGGCAGG	Medium		
CNIH	10175	NM_005776	1	Medium		YES	D-019989-01 D-019989-02 D-019989-03 D-019989-04	GGAAGGA UAUAUGG CCUAUAG AUUUGGA	Cytotoxic	Did not score	

COG7	91949	NM_153603	1	Weak			D-015904-01 D-015904-02 D-015904-03 D-015904-04	CCAAGUAI GUGAAGG UAAUGAU UGAAUAU	Medium		
COLEC12	81035	NM_030781	1	Medium		YES YES YES	D-013240-01 D-013240-02 D-013240-03 D-013240-04	GAUCUGAI GAAUAACU UCACGAAL GCACAGAI	Weak		
CPN2	1370	J05158	1	Weak+		YES	D-023553-01 D-023553-02 D-023553-03 D-023553-04	CCGAUCG GGACUGC CAACCUG GGUAAUC	Medium		
CTSL2	1515	NM_001333	1	Medium		YES YES	D-005842-03 D-005842-04 D-005842-05 D-005842-06	GAAACAGI GGAAUAG GAUGAUG GGGAAUA	Medium		
CWF19L1	55280	NM_018294	1	Weak			D-016322-01 D-016322-02 D-016322-03 D-016322-04	CGAGGGA CAGCAUG GUACCAG GUUUUAG	Weak+		
CXORF20	139105	NM_153346	1	Weak Weak		YES YES YES	D-016795-01 D-016795-02 D-016795-03 D-016795-04	GGAAGAC GUUAUGG GGUCCAA ACCCUGG	Medium		
CYP2C9	1559	NM_000771	1				D-008285-01 D-008285-02 D-008285-03 D-008285-04	GCAGUGAI GCACAAC UAACCAA GGGAACU	Weak+		
DAZL	1618	NM_001351	1	Weak			D-011249-01 D-011249-02 D-011249-03 D-011249-04	GGGCAAU GAGCAAA GAAGCUU CGAUGAA	Weak+		
DGAT2L3	158833	XM_088691	1	Weak		YES YES YES	D-010304-01 D-010304-02 D-010304-03 D-010304-04	AAACUGAI ACAAAUA GAAGACA CAGCACA	Medium		
DHX9	1660	NM_001357	1	Weak			D-009950-01 D-009950-02 D-009950-03 D-009950-04	UAGAAUG GGCUAUA CCAGAAG CCAAGUU	Strong		YES
DKFZP434E141	284498	XM_209234	1	Medium	untreated	YES YES	D-021566-01 D-021566-02 D-021566-03 D-021566-04	GAAUGUC GGACACG CACACAAC CGGCUUC	Weak+		
DKFZP566K052	26095	NM_015605	1	Weak		YES YES	D-013909-01 D-013909-02 D-013909-03 D-013909-04	GAGCAGAI CAGAGCCI AAGCAGA UGAGGGA	Weak		YES
DKFZP686O168	341405	NM_182608	1	Weak		YES	D-018900-01 D-018900-02 D-018900-03 D-018900-04	GGACACG CCACGUG CCUCAUA AAAGUCC	Medium		

OKFZP7610201	92293	XM_044062	1				D-027086-01 D-027086-02 D-027086-03 D-027086-04	GCAGAUG CAAUAAC GACAGGA GCGCUGU	Medium		
DLEU2	8847	NM_006021	1	Weak Weak+		YES YES YES	D-020066-01 D-020066-02 D-020066-03 D-020066-04	AAAGAGAA GCUCAGC UUUGAAA AAUGAUA	Medium		
DNAH7	56171	NM_018897	1	Weak+			D-009928-01 D-009928-02 D-009928-03 D-009928-04	GAAAGAA GCAACAA GAUCAGA UCACUGA	Medium		
DRB1	129831	NM_152945	1		untreated	YES	D-016718-01 D-016718-02 D-016718-03 D-016718-04	GUAUGGA GUACCAG GGGCUAC GUCAUGG	Medium		
EBF2	64641	NM_022659	1	Weak Medium		YES	D-013842-01 D-013842-02 D-013842-03 D-013842-04	GAAAGCA GGAUAUA CGCCUCA GGAAUAU	Medium		
EDG1	1901	NM_001400	1			YES YES YES	D-003655-01 D-003655-03 D-003655-04 D-003655-05	GCAGCUC GGAGAAC GCACCAC GAUAUCA	Medium		
EMR4	326342	XM_377506	1	Medium		YES YES	D-031217-01 D-031217-02 D-031217-03 D-031217-04	GGAAUAU UAAAGAA UGAUAUA CAACGGU	Weak+		
F3	2152	NM_001993	1	Weak Weak+			D-004462-01 D-004462-02 D-004462-03 D-004462-04	GGCAAGG GAACAAC AGUCUAC CAUUGGA	Medium		
FANCC	2176	NM_000136	1			YES	D-011033-01 D-011033-02 D-011033-03 D-011033-04	GGUAUGC GACCAGA GGAAUCG GAGAGAA	Cytotoxic	Did not score	
FANCG	2189	NM_004629	1	Weak Weak+			D-011899-01 D-011899-02 D-011899-03 D-011899-04	GGAAUUA GGACAUC GCAAGCA GCACUAA	Weak		
FBXW11	23291	NM_012300	1			YES YES	D-003490-01 D-003490-02 D-003490-03 D-003490-04	GUAAGGG GCACAUU GUUAGUG GAGCAAG	Medium		
FCMD	2218	NM_006731	1	Weak			D-012313-01 D-012313-02 D-012313-03 D-012313-04	UAAAGAA GAGGUUA CUACAAG GAAGCCG	Medium		
FKSG17	83955	NM_032031	1	Medium		YES YES	D-014770-01 D-014770-02 D-014770-03 D-014770-04	CUGAAGA UCGGUAU GCACAAG GCACGGA	Strong		

FLJ11767	79645	NM_024593	1	Weak+		YES YES	D-016476-01 D-016476-02 D-016476-03 D-016476-04	AAUGACA CGUAAUG GGUGACG GAUUAUC	Medium		
FLJ11806	79882	NM_024824	1	Medium			D-014468-01 D-014468-02 D-014468-03 D-014468-04	CGACUAA GUAGUCA GACACGA GAAAUGG	Cytotoxic	Did not score	YES
FLJ12606	79862	NM_024804	1	Weak+		YES	D-014454-01 D-014454-02 D-014454-03 D-014454-04	GAAGAGG GUACGUC GUAAGA GAUACAA	Cytotoxic Bypass	Weak+	
FLJ12671	81875	NM_030980	1	Weak Weak		YES YES YES	D-014692-01 D-014692-02 D-014692-03 D-014692-04	GGAAGAU GGAGCUA CGCCUAA GGACCAA	Medium		
FLJ22938	79729	NM_024676	1				D-016447-01 D-016447-02 D-016447-03 D-016447-04	GAGAAGA GAAAUGU GAUCCCG UGCAGAA	Medium		
FLJ23518	79780	NM_024725	1	Weak			D-015438-01 D-015438-02 D-015438-03 D-015438-04	GCUAACAA UGACAGC CACAUAU UCAGGAG	Weak+		YES
FLJ26184	388289	NM_207385	1	Medium Weak+		YES	D-032063-01 D-032063-02 D-032063-03 D-032063-04	GGAUUUA GUUAGCA CCAGUGA ACAAAGC	Medium		
FLJ31846	160857	NM_144974	1			YES YES	D-016742-01 D-016742-02 D-016742-03 D-016742-04	AUACCAA GAACCGA GGAAGUA CAUAGAA	Cytotoxic Bypass	Medium	
FLJ33215	259282	NM_148894	1	Weak			D-017033-01 D-017033-02 D-017033-03 D-017033-04	GGACAUG GAAGUUG CGACGAC UUACAGA	Weak		YES
FLJ34907	284222	XM_290817	1	Medium			D-023377-01 D-023377-02 D-023377-03 D-023377-04	CAAACGG GACAUUU UAUGCAA GGAAAGU	Weak		
FLJ35036	253461	XM_172341	1	Weak			D-023605-01 D-023605-02 D-023605-03 D-023605-04	UGAGUGA GAAAAUA GGAUGUA CAGAUAA	Weak+		
FLJ35487	284505	NM_173820	1	Weak		YES YES YES YES	D-018167-01 D-018167-02 D-018167-03 D-018167-04	CAACUAQ GCCAGGA UCACCUA GAUCACCU	Weak+		
FLJ36032	284485	XM_371311	1	Weak+			D-021716-01 D-021716-02 D-021716-03 D-021716-04	UAGAGUG AGACAAC GCAGACU GCAGCUA	Weak+		

FLJ40113	374650	NM_198079	1	Weak			D-031731-01 D-031731-02 D-031731-03 D-031731-04	GCAGGGC GUACAGA/ UCACUGG/ GGAGAGG	Medium		
FLJ40321	284355	NM_198479	1	Weak			D-027234-01 D-027234-02 D-027234-03 D-027234-04	GUUUUUC AGGCCCA/ GCUCAGA/ GGGAUGA	Weak+		
FUCA1	2517	NM_000147	1	Weak	untreated	YES YES	D-009023-01 D-009023-02 D-009023-03 D-009023-04	GAACAUC GGAGGCA/ UCAAAGG/ UAACAAU	Medium		
GAD1	2571	NM_000817	1	Weak+		YES YES	D-010121-01 D-010121-02 D-010121-03 D-010121-04	GCAGAGA/ UGACUUC/ GGACUA/ GAGAAGA/	Strong		
GALNT7	51809	NM_017423	1	Weak+		YES	D-013402-01 D-013402-02 D-013402-03 D-013402-04	CAAAUCA/ CUCCAAC/ CGAGAGU/ UCAAAACU	Medium		
GGPS1	9453	NM_004837	1	Weak		YES YES YES	D-016477-01 D-016477-02 D-016477-03 D-016477-04	UGACAGA/ GAAACAG/ CAAAUUA/ UAAAACCC	Cytotoxic	Weak+	
GLI3	2737	NM_000168	1	Medium			D-011043-01 D-011043-02 D-011043-03 D-011043-04	GCAUAUG/ GCACGAA/ GCACUAA/ GAAUUACI	Medium		
GMPR	2766	NM_006877	1	Weak+		YES YES YES YES	D-008258-01 D-008258-02 D-008258-03 D-008258-05	UCACAGC/ CAGAAUG/ GAGCCGA/ UGCCACA/	Weak+		
GOLGA2	2801	NM_004486	1	Weak+			D-017282-01 D-017282-02 D-017282-03 D-017282-04	GGACAUA/ AGAAGGA/ GAAUAUC/ UUGUAAA/	Medium		
GP6	51206	NM_016363	1	Medium		YES YES YES	D-021356-01 D-021356-02 D-021356-03 D-021356-04	GGACGUA/ CUACAAG/ GGCUGU/ GAACCAC/	Weak+		
GPX5	2880	NM_001509	1	Weak		YES YES YES	D-009445-01 D-009445-02 D-009445-03 D-009445-04	GUACCUA/ GAGAAAG/ GCAAGCA/ UGGCGUA/	Medium		
GRIN2A	2903	NM_000833	1	Weak			D-006195-01 D-006195-02 D-006195-03 D-006195-04	GAACAAU/ GACAAGA/ GAUCAUG/ UCAGAGA/	Medium		
GRINA	2907	XM_291268	1	Medium		YES YES YES	D-010697-01 D-010697-03 D-010697-04 D-010697-05	GCUACGA/ GAGAAUG/ GCCAUUC/ GACCUACI	Weak+		

GSTO1	9446	NM_004832	1	Weak+	YES	D-011950-01 D-011950-02 D-011950-03 D-011950-04	GUAGGAA GCAAUGA GAGAAAG UAGAGGA	Medium		
H2AFB	83740	XM_373381	1	Weak	YES	D-024979-01 D-024979-02 D-024979-03 D-024979-04	GAGCGGA UCGCUGC CGACCAC UGGACAU	Weak+		
HERC1	8925	NM_003922	1	Medium	YES	D-007181-01 D-007181-03 D-007181-04 D-007181-05	GUGAAUA GCAGUCA GAAGAGA UAGAUUA	Medium		YES
HIST1H2AM	8336	NM_003514	1	Medium	YES YES	D-011436-01 D-011436-02 D-011436-03 D-011436-04	GGGCUCC AGAGCCA CCACAA ACCACAA	Weak+		
HIST1H4L	8368	NM_003546	1	Weak+	YES YES	D-011465-01 D-011465-02 D-011465-03 D-011465-04	GCGCAUC GUAUCC GGAGACA GUUCUGC	Weak+		
HNRPL	3191	NM_001533	1	Weak+	YES	D-011293-01 D-011293-02 D-011293-03 D-011293-04	CAUCAUG GAAGAU CCACGGA GGAGUGA	Medium		
HNRPM	4670	NM_005968	1	Medium	YES	D-013452-01 D-013452-02 D-013452-03 D-013452-04	GCAAUCG GAAUAAA CCAACA GAUGAGA	Strong		
HOXC11	3227	NM_014212	1	Medium		D-017602-01 D-017602-02 D-017602-03 D-017602-04	CAACGUG GCGCUGC GCAAGUG CGGAAA	Weak+		
IDH1	3417	NM_005896	1	Weak+		D-008294-01 D-008294-02 D-008294-03 D-008294-04	GAGCAAA GGACUUG GUACAU CAAGAU	Medium		
IFNA21	3452	NM_002175	1	Weak+		D-019654-01 D-019654-02 D-019654-03 D-019654-04	CAUGGAA AAAUACA AAGAGGA CAAAGGA	Medium		
IFNGR2	3460	NM_005534	1	Strong	YES YES	D-012713-01 D-012713-02 D-012713-03 D-012713-04	CAACAU AAAUUA GCACGAG CCAAGCA	Medium		
IL1A	3552	NM_000575	1	Weak+	YES YES	D-007952-02 D-007952-03 D-007952-04 D-007952-05	GGAUGAA GAUCAUC GAAAUCC GGCCAAA	Weak+		
IMPA2	3613	NM_014214	1	Weak	YES	D-008348-01 D-008348-02 D-008348-03 D-008348-04	UCAAAGG UACAGAC GGAUGCC CUGCAGA	Weak+		

INPP5B	3633	NM_005540	1	Weak			D-021811-05 D-021811-06 D-021811-07 D-021811-08	GAAGAGG GCAUCUG ACUUGGA AACAGGA	Strong		
INPP5F	22876	NM_014937	1	Medium		YES YES YES	D-020409-01 D-020409-02 D-020409-03 D-020409-04	GCCAAUA GGGAUCG GGAUUAA GAUAGUA	Weak+		
IPLA2(GAMMA)	50640	XM_291241	1	Medium			D-010284-01 D-010284-02 D-010284-03 D-010284-04	GAAUAAC CAUAUUA CCAAAGC GAUCUGC	Medium		
IRAK2	3656	NM_001570	1	Weak			D-004761-01 D-004761-02 D-004761-03 D-004761-04	GAAAUCA GUCAAGA CAGACGA CAAAGCG	Strong		
KCTD1	284252	NM_198991	1	Medium			D-027276-01 D-027276-02 D-027276-03 D-027276-04	CAUCAGG GACGUGA CGUCCCA GAAAUCG	Weak		
KIAA0117	23029	NM_015014	1	Weak			D-022399-01 D-022399-02 D-022399-03 D-022399-04	GAGUUGA GUUGGGA GGUCGCC GGAAUCU	Weak+		YES
KIAA0495	57212	NM_207306	1	Medium		YES YES	D-027524-01 D-027524-02 D-027524-03 D-027524-04	GGAACAG GAGCUGA CGGCCAC UCCAGCA	Weak+		
KIAA0748	9840	XM_374983	1	Medium		YES	D-021265-01 D-021265-02 D-021265-03 D-021265-04	GAACUGC CAAGUUG GUUCAAG CCCAAAC	Medium		
KIAA1068	23386	NM_015332	1	Medium			D-014018-01 D-014018-02 D-014018-03 D-014018-04	GGUCACA GAUCAAC GCAAGGU GCUGAAA	Weak+		YES
KIAA2010	55671	NM_032560	1	Weak+		YES YES	D-019093-01 D-019093-02 D-019093-03 D-019093-04	GGGCAUA GGAAGAU GCGAAGU UCGUGGG	Weak+		
KIAA2018	205717	XM_291062	1	Medium		YES YES	D-023709-01 D-023709-02 D-023709-03 D-023709-04	CCAGUUG AACAGUA UAACUAC UGGCAUG	Weak		YES
KLK1	3816	NM_002257	1	Medium		YES	D-005906-01 D-005906-02 D-005906-03 D-005906-04	UCAGAGU CAACUUG AGGCGGC UGCAGAA	Medium		
KPNA3	3839	NM_002267	1	Weak		YES	D-011306-01 D-011306-02 D-011306-03 D-011306-04	GCAACAA GAUAAUG GAACGUC CAAUUGU	Medium		

KRT24	192666	NM_019016	1	Weak			D-021177-01 D-021177-02 D-021177-03 D-021177-04	GCACAAU GAUCAUU GGUAUCU UCAAGCA	Weak+		
KRTAP5-1	387264	NM_00100592	1	Strong Strong	untreated	YES YES	D-032497-01 D-032497-02 D-032497-03 D-032497-04	UAAAGGA GUGUGUU GGCUGUG GGUUCUG	Medium		
LEMD3	23592	NM_014319	1	Weak			D-006306-01 D-006306-02 D-006306-03 D-006306-04	GGAUAGA GAACUUC GGAAUAA CAAGGCA	Weak+		
LMAN2	10960	NM_006816	1	Medium		YES YES	D-019905-01 D-019905-02 D-019905-03 D-019905-04	GGAUUAU GAAUUGC GUGAACAI GCAUUGA	Medium		
LOC130940	130940	NM_138803	1	Medium			D-018279-01 D-018279-02 D-018279-03 D-018279-04	GAGAAAG GAACAAC GGACAUG AUUAAUC	Medium		
LOC134492	134492	NM_145266	1	Weak		YES YES YES	D-016043-01 D-016043-02 D-016043-03 D-016043-04	GCAGAGA GCAGCAA GAAACUA CCUCAAG	Weak+		
LOC144776	144776	XM_375033	1	Weak Weak		YES YES YES YES	D-030181-01 D-030181-02 D-030181-03 D-030181-04	GGAGCCA CAACCAU GCCAGUG GCUGCAA	Weak+		
LOC148213	148213	NM_138286	1	Weak+	untreated	YES YES	D-015352-01 D-015352-02 D-015352-03 D-015352-04	UAAUGGA GCAAGGC GGACAUU CGUCACA	Medium		
LOC158381	158381	XM_376829	1	Weak		YES YES	D-029548-01 D-029548-02 D-029548-03 D-029548-04	CAGGAUU CAACCAG GCAGAUU CCAUAUA	Cytotoxic Bypass	Medium	
LOC166752	166752	XM_094074	1	Medium			D-024053-01 D-024053-02 D-024053-03 D-024053-04	UCACUGA GAAGUGA GAUGCUG GGGAAUA	Strong		
LOC201475	201475	XM_113967	1	Medium		YES YES YES	D-023375-01 D-023375-02 D-023375-03 D-023375-04	GAAGCAA AGGAAUG GAGAGAU UCACUAA	Cytotoxic Bypass	Did not score	
LOC221140	221140	XM_167908	1	Medium Medium		YES YES	D-021677-01 D-021677-02 D-021677-03 D-021677-04	AGACAGC GCAGAAU CGGCAGU GGUGCAU	Strong		
LOC253039	253039	BC052374	1	Medium		YES YES YES	D-032270-01 D-032270-02 D-032270-03 D-032270-04	CCAGUAG GGAUGAA GCAGUGG GAAGUUA	Medium		

LOC253289	253289	XM_171165	1	Weak			D-025271-01 D-025271-02 D-025271-03 D-025271-04	GGAGAAG AGACAAU CACCAGU GCCGAGA	Weak+		
LOC283116	283116	XM_208043	1	Medium		YES	D-026798-01 D-026798-02 D-026798-03 D-026798-04	GAAGAAG CCACUUC CAAGAUG GCCCAUU	Weak+		
LOC283604	283604	XM_211088	1	Weak+		YES	D-022005-01 D-022005-02 D-022005-03 D-022005-04	GCACCCU GCUCAGG CCGCAGA CCGGCUG	Medium		
LOC284546	284546	XM_209252	1	Medium			D-021794-01 D-021794-02 D-021794-03 D-021794-04	UCGCAGC UCAUACU UAUCAAC CUGAAAG	Medium		
LOC285331	285331	XM_376238	1	Medium		YES	D-028111-01 D-028111-02 D-028111-03 D-028111-04	GCAAACA GAAGAAA CGACAGC CCGCAGA	Medium		
LOC285889	285889	XM_379535	1	Weak		YES	D-028753-01 D-028753-02 D-028753-03 D-028753-04	GAAGGAA GUUUGAA GUAAUUA GGGAGAG	Medium		
LOC286087	286087	AK091675	1	Weak		YES YES YES	D-032283-01 D-032283-02 D-032283-03 D-032283-04	CACGAGA GGUAAAA UGACGUC GCUCUUA	Weak+		
LOC286442	286442	XM_379700	1	Strong		YES YES	D-031665-01 D-031665-02 D-031665-03 D-031665-04	UCACAAA AGAAUUG CAGAUUG UAGCAUG	Weak+		
LOC339321	339321	XM_290831	1	Weak+		YES	D-023650-01 D-023650-02 D-023650-03 D-023650-04	GCUCAGC GGUACAA CGCACGG CCACCUC	Weak+		
LOC339476	339476	XM_378923	1	Medium		YES YES YES	D-027548-01 D-027548-02 D-027548-03 D-027548-04	GGAAACA CCACAGC CCACAAU GGCUGGG	Weak+		
LOC339862	339862	XM_376212	1	Medium		YES	D-028079-01 D-028079-02 D-028079-03 D-028079-04	GCAGAAC CCAGAUU UCACUUU AGUGGAG	Medium		
LOC340359	340359	XM_294387	1	Medium Weak		YES	D-025931-01 D-025931-02 D-025931-03 D-025931-04	GGAGGAU CGACUUC GAUCGUC CCAGGGA	Strong		
LOC341371	341371	XM_292029	1	Weak		YES	D-027052-01 D-027052-02 D-027052-03 D-027052-04	GAAAGAU GCUAAUA UGAAUUA GACAUUG	Weak+		

LOC374395	374395	NM_199337	1	Weak		YES	D-032107-01 D-032107-02 D-032107-03 D-032107-04	GGUCACG GCUAUAG GAAACCU GAACACU	Weak+		
LOC387643	387643	XM_370537	1	Weak+		YES YES	D-029773-01 D-029773-02 D-029773-03 D-029773-04	GUGCAGA ACAAGCA CCAGGCA CCAACAG	Weak+		
LOC387723	387723	XM_370586	1	Weak+		YES	D-029797-01 D-029797-02 D-029797-03 D-029797-04	GCAUUA GAGGCUA GACGUGG AUUAGAA	Weak+		
LOC387763	387763	XM_373497	1	Weak		YES	D-029981-01 D-029981-02 D-029981-03 D-029981-04	GGAGAGA UAAACAA GUUGAAA CGUUUGG	Weak		YES
LOC387821	387821	XM_373518	1	Weak+			D-029826-01 D-029826-02 D-029826-03 D-029826-04	GGACCAC CCCAUUC GAUCAUC GGACGUU	Strong		
LOC387845	387845	XM_370684	1	Weak		YES	D-030125-01 D-030125-02 D-030125-03 D-030125-04	CAAAGCC UCACUUU CCAUGGG CCCUUGU	Weak+		
LOC387983	387983	XM_373588	1	Weak+		YES	D-030282-01 D-030282-02 D-030282-03 D-030282-04	GAUGCAG GCAGAUU GAACUAA GAAGGAC	Weak+		
LOC388171	388171	XM_373647	1	Weak		YES	D-030485-01 D-030485-02 D-030485-03 D-030485-04	GUAGUGG CCAAAUG CUGAUUU GCGGACC	Strong		
LOC388278	388278	XM_373687	1	Weak		YES	D-030625-01 D-030625-02 D-030625-03 D-030625-04	AAUGGGA GAAGGUC GCAAGUA GAACCAG	Weak+		
LOC388454	388454	XM_373770	1	Medium		YES	D-031006-01 D-031006-02 D-031006-03 D-031006-04	GGACAAA GAAAGCC CCUCGUA GUCCAGA	Medium		
LOC388642	388642	XM_371261	1	Weak Weak+	untreated	YES	D-027404-01 D-027404-02 D-027404-03 D-027404-04	GUACUCC GAGCUCG GGAAGUA GAGCCUG	Medium		
LOC388650	388650	XM_371269	1	Medium Weak			D-027412-01 D-027412-02 D-027412-03 D-027412-04	CAUAUGU ACAAUCA GAAGUGA UAUUAAG	Weak+		
LOC388929	388929	XM_371480	1	Weak			D-027811-01 D-027811-02 D-027811-03 D-027811-04	CAUCUGG GGACUAA GUAGAUG GCGAUGU	Medium		

LOC389031	389031	XM_371555	1	Weak	untreated	YES	D-027951-01 D-027951-02 D-027951-03 D-027951-04	GGAAGUA UCAACAG GCUACAC UCCGAUA	Weak+		
LOC389107	389107	XM_371626	1	Weak			D-028093-01 D-028093-02 D-028093-03 D-028093-04	CAACCUA CGAAGCC CAAGGAA GCAACAA	Weak+		
LOC389288	389288	XM_374120	1	Weak		YES	D-028517-01 D-028517-02 D-028517-03 D-028517-04	GAACAAA GAGCAAG GGUGUCG GGGUUUA	Weak+		
LOC389428	389428	XM_371846	1	Weak		YES	D-028596-01 D-028596-02 D-028596-03 D-028596-04	AAAGACG AAGAAGA AGAAGAC CAGCAUA	Medium		
LOC389642	389642	XM_374261	1	Medium		YES	D-029231-01 D-029231-02 D-029231-03 D-029231-04	GGACUUA GGGCCAG GGAUACC GCAGAAG	Weak+		
LOC389676	389676	XM_374276	1	Weak		YES YES	D-029343-01 D-029343-02 D-029343-03 D-029343-04	GGAAGGC GUGAAAC AACCUUG GAGGAUG	Weak+		
LOC390299	390299	XM_372452	1	Medium	untreated	YES YES	D-030139-01 D-030139-02 D-030139-03 D-030139-04	CCAUCUA GAACCUA GGCAAUA AAGACUC	Medium		
LOC390377	390377	XM_372486	1	Medium		YES YES YES	D-030242-01 D-030242-02 D-030242-03 D-030242-04	GAGCUGG UGAGCGU GGACCAA GCUACAC	Cytotoxic Bypass	Weak+	
LOC390502	390502	XM_372532	1	Weak		YES	D-030366-01 D-030366-02 D-030366-03 D-030366-04	GCCAGAA UAACAAG UCAGAGU CAAGAUC	Strong		
LOC391001	391001	XM_372761	1	Medium		YES	D-027644-01 D-027644-02 D-027644-03 D-027644-04	GUAGAUC CAUAGAU GCCCGUA GUUAUGA	Weak+		
LOC391707	391707	XM_373036	1	Medium		YES YES YES	D-028279-01 D-028279-02 D-028279-03 D-028279-04	GAGGAAA CAAGUUG UCAUAAA GCUCCAC	Weak+		
LOC392726	392726	XM_374734	1	Weak		YES	D-029100-01 D-029100-02 D-029100-03 D-029100-04	GGCAGAG CACCUCU CCACUUA AGAGAGU	Weak+		
LOC399844	399844	XM_374858	1	Medium		YES	D-029930-01 D-029930-02 D-029930-03 D-029930-04	CCUCGUG CAACUUC CCAGAUG GCGAAGC	Medium		

LOC400121	400121	XM_375018	1	Medium		YES YES YES	D-030216-01 D-030216-02 D-030216-03 D-030216-04	GGAAAUAA GUAGAUCA UAAAGAA GUAUCAG	Medium		
LOC400586	400586	XM_375424	1	Weak		YES	D-030973-01 D-030973-02 D-030973-03 D-030973-04	GGGAGAA GAGUACCA AAACCCGG CUUCAGAA	Weak+		
LOC400643	400643	XM_378738	1	Weak+		YES	D-031017-01 D-031017-02 D-031017-03 D-031017-04	GGAAAGGC UUCCAAAC CCACCGAG GAACUCUC	Weak+		
LOC400733	400733	XM_378835	1	Weak+		YES YES YES	D-027390-01 D-027390-02 D-027390-03 D-027390-04	GGAGAAA CCGCCAAA CUCACGAA GUUCACAA	Medium		
LOC400950	400950	XM_376049	1	Weak+		YES	D-027830-01 D-027830-02 D-027830-03 D-027830-04	GGACCAA GAGUUUA GACCAUUA CCAACAA	Medium		
LOC401222	401222	XM_379380	1	Weak Weak+		YES	D-028560-01 D-028560-02 D-028560-03 D-028560-04	GGUGUCA GGACGCG AAGCCGAA GAGCUUC	Medium		
LOC401286	401286	XM_376555	1	Weak+		YES YES	D-028648-01 D-028648-02 D-028648-03 D-028648-04	CUAAAGAA CAACACAA CAAAGCAA GGAACGCA	Weak+		
LOC401471	401471	XM_379595	1	Medium		YES YES YES	D-029346-01 D-029346-02 D-029346-03 D-029346-04	GCAAAACA GGAAACA GUUGUGG AAUCAUG	Weak+		
LOC91614	91614	NM_139160	1	Weak+			D-016878-01 D-016878-02 D-016878-03 D-016878-04	GAUAGUA GCUUAUG AGACGGA CCGAACA	Medium		
LRRK1	79705	NM_024652	1	Weak+ Weak	untreated	YES	D-005320-01 D-005320-03 D-005320-04 D-005320-05	GAUCAGG ACAGGAA CAAGAACT CAGAGAU	Weak+		
LYPLAL1	127018	NM_138794	1	Medium		YES	D-008388-01 D-008388-02 D-008388-03 D-008388-04	GGACAAG CCACGAA CAAUUGAA GCAGAUG	Medium		
MAF1	84232	NM_032272	1	Weak		YES YES YES	D-018603-01 D-018603-02 D-018603-03 D-018603-04	UCAAGGA GGUAGCC ACAAGCG UUGGCAG	Cytotoxic	Did not score	
MAGEB1	4112	NM_002363	1	Weak			D-011325-01 D-011325-02 D-011325-03 D-011325-04	CAAGUCC GAGAGGA UACCGAA GCUGAUG	Medium		

MARCH3	115123	NM_178450	1	Medium		YES YES YES	D-007116-01 D-007116-02 D-007116-03 D-007116-04	UGAAGAC GCGCAA GUCGCAC CACCUGC	Cytotoxic Bypass	Strong	
METTL3	56339	NM_019852	1	Weak		YES YES	D-005170-01 D-005170-02 D-005170-03 D-005170-04	GAACAGG GGUAUCA GAUGAAA CAGCACAC	Medium		YES
MGC:13379	51259	NM_016499	1	Weak+			D-017173-01 D-017173-02 D-017173-03 D-017173-04	UGAAGUA CGAAAGA CAUGAUG GUCGCUU	Medium		
MGC10485	112936	NM_052875	1	Weak			D-015152-01 D-015152-02 D-015152-03 D-015152-04	UCAAAGA CCAAAUAC GAAGUUC CCAUGAG	Weak		YES
MGC12965	374408	NM_198519	1	Weak		YES YES	D-031766-01 D-031766-02 D-031766-03 D-031766-04	UGUCUGA UAUAUGA UUAAGA GAUCGUG	Weak+		
MGC14798	89978	NM_080650	1	Weak			D-031880-01 D-031880-02 D-031880-03 D-031880-04	GGACAGC GGAUUGC GUGCUAU CAGAAGU	Weak+		
MGC26710	150280	NM_152510	1	Medium		YES	D-016850-01 D-016850-02 D-016850-03 D-016850-04	GAAGAAG GAACAGC CCAAAUCA CCGGGUC	Weak+		
MMP27	64066	NM_022122	1	Medium	untreated	YES YES	D-005966-01 D-005966-02 D-005966-03 D-005966-04	CCAAGAA CCAAAUCC GAAUAGG UCACGGA	Weak+		
MTB	54892	NM_017760	1	Medium		YES	D-018283-01 D-018283-02 D-018283-03 D-018283-04	CAGCCUA GCAGACG GCCAAAC UAGCAA	Medium		
MUC5B	4587	XM_039877	1	Weak Weak		YES	D-026763-01 D-026763-02 D-026763-03 D-026763-04	GACGUUG CCGAUGG GCGGAGA GGUCAGA	Medium		
MX2	4600	NM_002463	1	Weak		YES	D-011736-01 D-011736-02 D-011736-03 D-011736-04	GAGCACG GAAUUUA GAAUGAG GGGACGC	Weak+		
MYST2	11143	NM_007067	1	Weak		YES YES YES	D-017668-01 D-017668-02 D-017668-03 D-017668-04	GAAAUGC GAACCGA AGAGGCA GAUGCCC	Cytotoxic	Did not score	YES
NALP14	338323	NM_176822	1	Weak+		YES	D-019075-01 D-019075-02 D-019075-03 D-019075-04	GAAUAUG GAACAAC GAAUUGG UAUCCAA	Medium		

NCOA1	8648	NM_003743	1	Weak+		YES YES YES	D-005196-01 D-005196-02 D-005196-03 D-005196-05	CGAAAUAA CAGAUGAA GAAUGUAA GGUGUAG	Weak		YES
NDUFB3	4709	NM_002491	1	Weak			D-019604-01 D-019604-02 D-019604-03 D-019604-04	GAUAGAA CAAUGAA UGUAGGA UGGAGUC	Medium		
NFE2L3	9603	NM_004289	1	Weak Weak	untreated	YES	D-009308-01 D-009308-02 D-009308-03 D-009308-04	GCGUAGA GCACGAA GAAAUGA GCAGUUA	Medium		
NOTCH2	4853	NM_024408	1	Medium		YES YES YES	D-012235-01 D-012235-02 D-012235-03 D-012235-04	GAUGCUA GUGAGUG GGUCAGC GCAUUAA	Medium		
NOTCH2NL	388677	NM_203458	1	Medium		YES YES	D-032019-01 D-032019-02 D-032019-03 D-032019-04	GCAAAUG GGAUUUU AAGAACA GCAAAUG	Weak+		
NP220	27332	NM_014497	1	Medium			D-013715-01 D-013715-02 D-013715-03 D-013715-04	UAACGUA GAAUGGA UACCAGA GAAUGAG	Weak		YES
NUDT14	256281	NM_177533	1	Medium		YES YES	D-009076-01 D-009076-02 D-009076-03 D-009076-04	GGACGGG UGGAGGA GGAGCCU AGACAGA	Medium		
OIT3	170392	NM_152635	1	Weak+ Medium Medium	untreated	YES YES	D-016942-01 D-016942-02 D-016942-03 D-016942-04	GUUGAAG CCACGCC CUACAGG GCACGUG	Medium		
OR51G2	81282	NM_00100523	1	Medium		YES YES	D-032428-01 D-032428-02 D-032428-03 D-032428-04	AAACAGA GGUUGGA CCGGGCA CUUAUUG	Medium		
OS-9	10956	NM_006812	1	Medium			D-010811-01 D-010811-02 D-010811-03 D-010811-04	GGACAUAA GGAAACA GGACGAA AAGGAGA	Medium		
P2RX3	5024	NM_002559	1	Medium		YES YES	D-006284-01 D-006284-02 D-006284-03 D-006284-04	GAUCAUC UCAUGGA CCAAGAU GAGAAGC	Medium		
PARD6G	84552	NM_032510	1	Weak		YES YES YES	D-014909-01 D-014909-02 D-014909-03 D-014909-04	CACCAUA GCAAGGC UCAUAAG GAACCGA	Medium		
PCDH18	54510	NM_019035	1	Weak		YES YES	D-013372-01 D-013372-02 D-013372-03 D-013372-04	GAGUAUA GAAUGGG GGGCCUG GAUAUGC	Medium		

PCDHA2	56146	NM_018905	1	Weak+		YES	D-013260-01 D-013260-02 D-013260-03 D-013260-04	GAACAGC GCAAAGU GAGGUUA GAUGUGU	Medium		
PDZK6	27152	NM_015693	1	Weak		YES	D-031873-01 D-031873-02 D-031873-03 D-031873-04	GACAUGA CACCACCA UGAAUGA GCGAGUA	Weak+		
PER1	5187	NM_002616	1	Medium		YES	D-011350-01 D-011350-02 D-011350-03 D-011350-04	GAACCAG GAAGCGC GGCCGAA UUACGAA	Medium		YES
PEX14	5195	NM_004565	1	Weak		YES	D-012676-01 D-012676-02 D-012676-03 D-012676-04	GAACUCA CCUCAUA CCAGACA AGGCAUU	Medium		
PHTF2	57157	NM_020432	1	Medium		YES	D-013848-01 D-013848-02 D-013848-03 D-013848-04	GAAACAG GUUAUGG AUGAAA AAUAAGU	Medium		
PLEC1	5339	NM_000445	1	Weak			D-003945-01 D-003945-03 D-003945-04 D-003945-05	GAGCUAA CCACUAA GCACUGC GAAAUAC	Medium		YES
PLEKHM1	9842	NM_014798	1	Medium			D-023203-01 D-023203-02 D-023203-03 D-023203-04	CUACAAG GCAAAGU GAACGCG GAUAGCU	Medium		
PMS2	5395	NM_000535	1	Medium		YES	D-010032-01 D-010032-02 D-010032-03 D-010032-04	GAACUCG GGAUGUA GGAAGGA CAAUGUU	Strong		
POLE2	5427	NM_002692	1	Weak		YES	D-018612-01 D-018612-02 D-018612-03 D-018612-04	CCACAGG GAUCAAG GCAUAAU CGUGAAG	Cytotoxic	Did not score	
POLK	51426	NM_016218	1	Weak		YES	D-021038-01 D-021038-02 D-021038-03 D-021038-04	GUACAGA GAUGAAG GGAUGGG GUAGAAC	Cytotoxic Bypass	Weak	
PPGB	5476	NM_000308	1	Weak+ Weak	untreated	YES YES	D-006004-01 D-006004-02 D-006004-03 D-006004-04	GCAAUGG GGAACAG GACAUGG CUACUCC	Medium		
PPP1R2	5504	NM_006241	1	Weak		YES	D-015361-01 D-015361-02 D-015361-03 D-015361-04	GAAGAUG CAUCUUA AACAAAG GCCAGAC	Medium		
PQLC1	80148	NM_025078	1	Weak			D-018387-01 D-018387-02 D-018387-03 D-018387-04	UCACCUA GCAGAGC GGAGCAG UCAAGAU	Medium		

PSMC6	5706	NM_002806	1	Weak			D-009570-01 D-009570-02 D-009570-03 D-009570-04	CUAAGAA GAACAGAA GGAGUUA GUGAUAG	Cytotoxic	Did not score	
PTBP2	58155	NM_021190	1	Weak		YES	D-021323-01 D-021323-02 D-021323-03 D-021323-04	GAGAGGA GAAAGACA UAAGAAA GGAAGCA	Weak+		
PTPN21	11099	NM_007039	1	Weak+		YES YES YES YES	D-009379-02 D-009379-03 D-009379-04 D-009379-05	GGAUCCA CCACAGG UAAACUG GAGCGUG	Weak+		
RAB22A	57403	NM_020673	1	Strong			D-019214-01 D-019214-02 D-019214-03 D-019214-04	GUAGGUA GGACUAC CCUUAGC CGCGAUA	Weak+		
RAB34	83871	NM_031934	1	Weak+		YES	D-009735-01 D-009735-02 D-009735-03 D-009735-04	AGACUUG AGAAGAA CAGGAGA AGAAUGA	Strong		
RAB43	339122	XM_290714	1	Weak		YES YES	D-028161-01 D-028161-02 D-028161-03 D-028161-04	UAUGC CCACGGA GCAAGGA GCAAGCG	Medium		
RAB6B	51560	NM_016577	1	Weak		YES	D-008548-01 D-008548-02 D-008548-03 D-008548-04	AGACGGA GGAAGAC CCAAGAA GGAUCC	Medium		
RAB9P1	9366	NR_000039	1	Weak+		YES YES	D-032266-01 D-032266-02 D-032266-03 D-032266-04	GCAGCGA GUUCUUA UGAAAGA UGGUCUG	Medium		
RAD17	5884	NM_002873	1	Weak		YES YES YES	D-003294-05 D-003294-06 D-003294-07 D-003294-08	GAAUCA CAACAA ACACAUG CUACAUA	Weak+		
RBMS1	5937	NM_002897	1	Medium			D-011377-01 D-011377-02 D-011377-03 D-011377-04	CCAUAUA GAAUGAC GAUGCAA ACAAGGA	Medium		
RFWD3	55159	NM_018124	1	Weak		YES	D-017095-01 D-017095-02 D-017095-03 D-017095-04	GGACCUA GGAAACA GUUAAGA GCAGUCA	Cytotoxic	Did not score	YES
RFXAP	5994	NM_000538	1	Weak	untreated	YES YES	D-011104-01 D-011104-02 D-011104-03 D-011104-04	GGACGAG AGCAACA AAAAGAC CGAGGAA	Weak+		
RNF125	54941	NM_017831	1	Medium		YES	D-007005-01 D-007005-02 D-007005-03 D-007005-04	GGGCAUA GAAAUGA UUAGACC UAUAAGA	Weak+		

ROCK1	6093	NM_005406	1	Weak+		YES YES	D-003536-01 D-003536-02 D-003536-03 D-003536-05	GGACACA GAAGAAA GAGAUGA GCCAAUG	Weak		YES
ROCK2	9475	NM_004850	1	Weak		YES	D-004610-01 D-004610-02 D-004610-03 D-004610-05	GAGGAAA GUAGAAA GCAACUG GCAAAUC	Weak+		YES
ROD1	9991	NM_005156	1	Weak+		YES YES	D-019452-01 D-019452-02 D-019452-03 D-019452-04	GAUCAUA CCGUUAC GAUGGCG UCUUUAU	Weak+		
ROR2	4920	NM_004560	1	Weak		YES	D-003172-05 D-003172-06 D-003172-07 D-003172-08	GGAACUC GCAGGUG GCAAUGU GAAGACA	Weak		YES
RP42	54165	NM_020640	1	Medium		YES YES	D-019139-01 D-019139-02 D-019139-03 D-019139-04	CAGAUGA GCAUUAG GCAGUAA GAACCAG	Medium		
RPS27L	51065	NM_015920	1	Medium		YES	D-013231-01 D-013231-02 D-013231-03 D-013231-04	ACAGAAG GUACAAA GCUAGAG UACAAGAU	Medium		
SAA4	6291	NM_006512	1	Weak+			D-012747-01 D-012747-02 D-012747-03 D-012747-04	CGAGAAA UCAACAC GGGUCUA GGACAUA	Weak+		
SBK1	388228	NM_00102440	1	Medium		YES YES YES	D-027174-01 D-027174-02 D-027174-03 D-027174-04	AAACCAA GCGUAAA AAUUGGC CCACGGC	Strong		
SENP2	59343	NM_021627	1	Medium		YES YES	D-006033-01 D-006033-02 D-006033-03 D-006033-04	GGACAAA GGUAAUA GAGGAGA UCAGAAG	Strong		
SEPT11	55752	NM_018243	1	Medium	untreated	YES YES	D-020249-01 D-020249-02 D-020249-03 D-020249-04	GAAAGCA CGGCUGA UGACAGC UACCGAC	Medium		
SERPINA12	145264	NM_173850	1	Weak			D-008739-01 D-008739-02 D-008739-03 D-008739-04	CUACAUAC UCAAGAA GCAGAUC CAAGUUG	Strong		
SF1	7536	NM_004630	1	Weak		YES	D-012662-01 D-012662-02 D-012662-03 D-012662-04	GAACCAA CAAGUAA UGGACUU ACGCCAC	Medium		
SF3B5	83443	NM_031287	1	Weak		YES YES YES YES	D-014706-01 D-014706-02 D-014706-03 D-014706-04	GCUCCUA UCAACUA CCAAGUA GAAUGAG	Cytotoxic	Did not score	YES

SH3GLB2	56904	NM_020145	1	Weak+		YES	D-015810-01 D-015810-02 D-015810-03 D-015810-04	GACUAGA GCAAAGC CCACGAC GAAGUGA	Medium		
SLC25A12	8604	NM_003705	1	Weak		YES	D-007471-01 D-007471-02 D-007471-03 D-007471-04	UAACUGG GCAAGUA CAUAGUG GGUCUGA	Medium		
SLC2A1	6513	NM_006516	1	Medium Medium	untreated	YES	D-007509-02 D-007509-03 D-007509-04 D-007509-05	CCAAGAG CAUCGUG GAGCAUC GUAUGUG	Medium		YES
SLC39A2	29986	NM_014579	1	Weak			D-007570-01 D-007570-02 D-007570-03 D-007570-04	GAGCAGG GCAGUGU GGUGUUU GCUGGUA	Cytotoxic Bypass	Weak+	
SLC39A9	55334	NM_018375	1	Weak+		YES YES	D-007574-01 D-007574-04 D-007574-05 D-007574-06	GCAGCAA GAGCGGA CAUCGUG GCAAGUG	Weak		
SLC6A19	340024	XM_291120	1	Weak		YES	D-007352-01 D-007352-02 D-007352-03 D-007352-04	GAGAAGG UCUGUGC GAACAUG GAUCAUG	Weak+		
SMA4	11039	NM_021652	1	Medium		YES YES	D-027285-01 D-027285-02 D-027285-03 D-027285-04	CAAACAG AAACCAG GUGAACG GGAUAGG	Weak+		
SMARCD1	56916	NM_020159	1	Medium		YES YES	D-013801-01 D-013801-02 D-013801-03 D-013801-04	CCACACAU GGCCAAU GCACGUA CAGCAAAL	Weak+		YES
SMARCD2	6603	NM_003077	1	Medium		YES	D-011393-01 D-011393-02 D-011393-03 D-011393-04	GAAGAUG GGAAGGC GGGAGUA CCAUGAA	Weak+		
SMARCD3	6604	NM_003078	1	Medium		YES YES	D-009459-01 D-009459-02 D-009459-03 D-009459-05	UCAGUGC UAAACCA UGACAAG GAAGAAG	Weak		
SMBP	56889	NM_020123	1	Weak			D-010220-01 D-010220-02 D-010220-03 D-010220-04	GAAGUUG CAACUGC GUACAUAC GAAAUCC	Medium		
SMC5L1	23137	NM_015110	1	Medium		YES YES	D-014117-01 D-014117-02 D-014117-03 D-014117-04	GUACUCA AGAGAAA CGACAGA GAGCUAG	Medium		
SMCR8	140775	NM_144775	1	Weak	untreated	YES YES YES	D-017373-01 D-017373-02 D-017373-03 D-017373-04	GGAGAGC CAAGAAA CGAGGGA CUAAGCC	Medium		

SNAPC3	6619	NM_003084	1	Weak			D-012601-01 D-012601-02 D-012601-03 D-012601-04	AUACUGA GGUCAGA GGGAUUC GGUGUGC	Weak+		YES
SNRPD1	6632	NM_006938	1	Weak Weak Medium	untreated	YES	D-012353-01 D-012353-02 D-012353-03 D-012353-04	GGAAUA GCUGAGU GAACACA GCAUGAA	Cytotoxic	Did not score	
SP1	6667	NM_138473	1	Weak	untreated	YES YES	D-026959-01 D-026959-02 D-026959-03 D-026959-04	GCCAAUA GAAGGGA GGGCAGA GGAGUGA	Cytotoxic	Did not score	
SPATA1	64173	NM_022354	1	Weak		YES	D-014045-01 D-014045-02 D-014045-03 D-014045-04	UGAAAGA UAAUGAG GACCAAU GAGCGGC	Weak+		
SPRY2	10253	NM_005842	1	Weak		YES	D-005206-02 D-005206-04 D-005206-05 D-005206-06	GCAGGUA GAUCAGA GCCUGUU CCCAGAA	Weak+		
SQLE	6713	NM_003129	1	Weak+		YES YES	D-009646-01 D-009646-02 D-009646-03 D-009646-04	GAAACGA CAAAGCG GAAGAAU UAUUGAA	Medium		
SQRDL	58472	NM_021199	1	Weak+		YES	D-008271-01 D-008271-02 D-008271-03 D-008271-04	GAGCGGA GGAAAGC GAAGAUC UAAACAA	Medium		
SREB3	54328	NM_018969	1	Weak		YES	D-005727-01 D-005727-02 D-005727-04 D-005727-05	GCACUCA GUACUGC GCAAGCU CCGCAUC	Medium		
ST7L	54879	NM_017744	1	Weak		YES YES YES	D-017234-01 D-017234-02 D-017234-03 D-017234-04	CCAAUGU GAAUAUA GCACUGG GAAUCAA	Strong		
SWAP70	23075	NM_015055	1	Weak		YES YES	D-010323-01 D-010323-02 D-010323-03 D-010323-04	GGACAAG CAAGAGG GAGAGAA GAGAUUG	Cytotoxic Bypass	Medium	
TAB3	257397	NM_152787	1	Weak			D-015572-01 D-015572-02 D-015572-03 D-015572-04	GUACUA GAAAGAA CAAAGCA GAAUAGA	Medium		
TAF9L	51616	NM_015975	1	Weak		YES YES YES	D-017217-01 D-017217-02 D-017217-03 D-017217-04	GAGACUA AGGCUGA GAACACA GAAUUUG	Strong		
TBPL1	9519	NM_004865	1	Medium		YES YES YES	D-017254-01 D-017254-02 D-017254-03 D-017254-04	GGAAGGA UAACAGG UCUAAGA UGUGUAA	Weak+		

TCERG1L	256536	NM_174937	1	Weak			D-017916-01 D-017916-02 D-017916-03 D-017916-04	GAACGAA GUAAAAU CAUAAAC GGACCAC	Strong		
TFF1	7031	NM_003225	1	Weak		YES YES	D-003715-01 D-003715-02 D-003715-03 D-003715-04	AGAAGAG GAAAGAC CAGAAGA AAAGACA	Medium		
TNFRSF19	55504	NM_018647	1	Weak		YES	D-008098-01 D-008098-02 D-008098-03 D-008098-04	GACCUC UCAAAUA UACAGCA GCAUGGA	Medium		
TOP3A	7156	NM_004618	1	Weak		YES YES	D-005279-01 D-005279-02 D-005279-03 D-005279-04	GAAACUA CCACAAA CCAGAAA GAACAAG	Weak+		
TPX2	22974	NM_012112	1	Medium	untreated untreated	YES	D-010571-01 D-010571-02 D-010571-03 D-010571-04	UGACAAC GGACGAA AGACAAA GAACUUU	Cytotoxic	Did not score	YES
TRAG3	9598	NM_004909	1	Medium		YES YES	D-005212-01 D-005212-02 D-005212-03 D-005212-04	CCAAUUA GGAAUUC UACCACA GAAUUCU	Medium		
TRAM1	23471	NM_014294	1	Medium	untreated		D-018676-01 D-018676-02 D-018676-03 D-018676-04	GAUAAUU UAAUGAA GAGCUAA CAGUGUC	Medium		
TRAP1	10131	NM_016292	1	Medium			D-010104-01 D-010104-02 D-010104-03 D-010104-04	GCUACAC UGAGAAG UGAAUGA CAUGAUU	Medium		
TRAPPC6B	122553	NM_177452	1	Medium			D-018297-01 D-018297-02 D-018297-03 D-018297-04	GGACAAG GUUUUUA AACGGAC GCUUGCA	Medium		
TRIM50B	375593	NM_198924	1	Weak		YES YES YES	D-028896-01 D-028896-02 D-028896-03 D-028896-04	GGACCCG CAAGGAG UCGCAGC AGUGUGU	Weak+		
TRIM9	114088	NM_015163	1	Weak		YES YES	D-012974-01 D-012974-02 D-012974-03 D-012974-04	CCACAGG GCUUGGA CAACGGC AAACAGG	Cytotoxic	Did not score	
TRIP12	9320	NM_004238	1	Weak		YES YES	D-007182-01 D-007182-02 D-007182-03 D-007182-04	GAACUGA CCAAAGA GAUACCA CAAUAAC	Weak		YES
TSPAN18	90139	NM_130783	1	Weak+		YES YES	D-015297-01 D-015297-02 D-015297-03 D-015297-04	CAACGGG GAACAAG GCAGGGC GCAAUAAC	Cytotoxic Bypass	Medium	

TSPAN9	10867	NM_006675	1	Medium Weak		YES YES	D-012293-01 D-012293-02 D-012293-03 D-012293-04	GAGAUGC UAAGAAG GCAGAGC AAGAACG	Medium		
TXNDC	81542	NM_030755	1	Weak		YES YES	D-010675-01 D-010675-02 D-010675-03 D-010675-04	UAAAUGC GAAGGAG GGGAGAA GGACUGA	Weak		
U2AF1L1	7310	NM_005083	1	Weak		YES	D-006595-01 D-006595-02 D-006595-03 D-006595-04	GGAGACA GACGACA GAGCAUG GGCGAUU	Weak+		
UBE2J2	118424	NM_058167	1	Weak+		YES	D-008614-01 D-008614-02 D-008614-03 D-008614-04	GAAGGUG GCACAAG GGACUAC GUUAUAG	Medium		
UBQLN3	50613	NM_017481	1	Weak			D-013398-01 D-013398-02 D-013398-03 D-013398-04	UUUAUAG CUUAACA GCUGCAA ACAGUUA	Weak+		
UPP2	151531	NM_173355	1	Weak+		YES	D-006646-01 D-006646-02 D-006646-03 D-006646-04	GUACUGA GAAGAGA GAUCUGA CAACCUA	Weak+		
UROD	7389	NM_000374	1	Weak		YES	D-013415-01 D-013415-02 D-013415-03 D-013415-04	CAUGGAC GGAGAC CCAGGCA GAUCAUC	Medium		
USP11	8237	NM_004651	1	Weak+		YES	D-006063-01 D-006063-02 D-006063-03 D-006063-04	GGGCAAA GAACAAG GAUGAUA GAGAAGC	Medium		
VCL	7414	NM_003373	1	Weak		YES YES	D-009288-01 D-009288-02 D-009288-03 D-009288-04	GGAAUAU GGGAAGA GCUCGUA GAGCGAA	Medium		
VKORC1L1	154807	NM_173517	1	Medium		YES YES	D-018539-01 D-018539-02 D-018539-03 D-018539-04	UGGAAAG CAGUGUC GUUAUUA CAGAUGG	Medium		
WASF1	8936	NM_003931	1	Medium		YES YES	D-011557-01 D-011557-02 D-011557-03 D-011557-04	AAACAAG UUACACA CUAAGUA GCUACAG	Medium		
WISP1	8840	NM_003882	1	Medium	untreated	YES YES YES	D-010555-01 D-010555-02 D-010555-03 D-010555-04	GGACAUC GCUCCUA AGAAGUG UGACAUC	Medium		
WNT3A	89780	NM_033131	1	Strong		YES YES YES	D-008538-01 D-008538-02 D-008538-03 D-008538-04	GCGAGGA GAAGUGC GCAGUGA GGAACUA	Medium		

YIPF1	54432	NM_018982	1	Weak		YES	D-016906-01 D-016906-02 D-016906-03 D-016906-04	GAGAGAA GCAAAGU UAACCGA CCGCAAU	Medium		
ZFP36L1	677	NM_004926	1	Weak			D-011816-01 D-011816-02 D-011816-03 D-011816-04	GUAAACA CAGCAGA AAACAAG UAACAAG	Medium		
ZNF11B	7558	NM_006955	1	Medium			D-012772-01 D-012772-02 D-012772-03 D-012772-04	GGAAACA GAGAAUA GGACAGU UGUAUGA	Weak+		
ZNF215	7762	NM_013250	1	Weak		YES	D-020661-01 D-020661-02 D-020661-03 D-020661-04	GACCAGA GGACUUG UCAGUUA GAAAGGU	Medium		
ZNF223	7766	NM_013361	1	Medium			D-006592-01 D-006592-02 D-006592-03 D-006592-04	GGGAAGA AGACAGG GGAAAAG CCUCAAG	Medium		
ZNF26	7574	NM_019591	1	Weak			D-021443-01 D-021443-02 D-021443-03 D-021443-04	UCAAAGA GUUCACA GAAUUCA GAAGUCU	Medium		
ZNF514	84874	NM_032788	1	Weak		YES YES	D-014996-01 D-014996-02 D-014996-03 D-014996-04	GGUCAUA UAAGAUC UGUCAAC CGGUUGU	Medium		
ZNF585A	199704	NM_152655	1	Weak		YES YES YES	D-016432-01 D-016432-02 D-016432-03 D-016432-04	AAGCAGA CGACAGA CCAGAAG CCUCAGU	Weak+		
ZNF619	285267	NM_173656	1	Weak			D-018125-01 D-018125-02 D-018125-03 D-018125-04	CAACCCAC GGAAGAA UCAGAUG GCCCGAA	Medium		
ACTR10	55860	NM_018477	0		untreated		D-020824-01 D-020824-02 D-020824-03 D-020824-04	GGUCCAA GCGCGUA GCACUAA UAUCGAA	Weak+		
AF5Q31	27125	NM_014423	0			YES	D-020276-01 D-020276-02 D-020276-03 D-020276-04	GGGAAUA GCAGAGC CAACGAA GGAAUGU	Weak		YES
AGPAT3	56894	NM_020132	0			YES YES	D-008620-01 D-008620-02 D-008620-03 D-008620-04	GCUCCAA GGGAGCA UCCAGGA GCAGCUG	Medium		
ALDH2	217	NM_000690	0		untreated	YES YES	D-009766-01 D-009766-02 D-009766-03 D-009766-04	UCAAAUG GAAGGUA CCGCAGC GAAUUUC	Medium		

ALPL	249	NM_000478	0			YES	D-008658-01 D-008658-02 D-008658-03 D-008658-04	CUAAGAA CCUACCA GGACUUA CAAGAGA	Medium		
AMELY	266	NM_001143	0				D-011205-01 D-011205-02 D-011205-03 D-011205-04	GAUAAGA GCACUGA CAUACUU CAGCAAU	Weak+		
ANAPC5	51433	NM_016237	0	Strong Weak Medium Weak	untreated untreated untreated		D-016095-01 D-016095-02 D-016095-03 D-016095-04	GAACAGG UAGGAAA UGUCAGA GAAGGCG	Cytotoxic Bypass	Medium	
APOBEC2	10930	NM_006789	0			YES YES	D-019944-01 D-019944-02 D-019944-03 D-019944-04	GAACCUG GUAACU CCUGCCA AAGAAGA	Weak+		
AZU1	566	NM_001700	0			YES	D-008914-01 D-008914-02 D-008914-03 D-008914-04	GCAUGAG GAGACUG GCGGCCA GGAUCGA	Weak+		
BASE	317716	NM_173859	0			YES	D-010740-01 D-010740-02 D-010740-03 D-010740-04	GAAUGUA CCAAUGA GAAUGUC GAAAGGA	Weak+		
BCL10	8915	NM_003921	0	Weak+	untreated	YES YES YES	D-004381-02 D-004381-03 D-004381-04 D-004381-05	GCCACCA GAAGAUU GAAUUUU GGGCAUC	Medium		
BIRC1	4671	NM_004536	0				D-004389-01 D-004389-02 D-004389-04 D-004389-05	GUAAGA GAAUUUA CAAGGGA GUACAAG	Weak+		
C10ORF1	11241	NM_206995	0			YES	D-019504-01 D-019504-02 D-019504-03 D-019504-04	CUACAAA GCUCUAG UGACAGC GCAGUAC	Medium		
C10ORF57	80195	NM_025125	0				D-018946-01 D-018946-02 D-018946-03 D-018946-04	GAGGCAG GAGUAUC GAUAGCG GUGCAAG	Weak+		
C10ORF86	54780	NM_017615	0			YES YES YES	D-020566-01 D-020566-02 D-020566-03 D-020566-04	GGAAUUA ACACAGA GUAAUAG AAUGAAG	Weak		YES
C14ORF101	54916	NM_017799	0			YES	D-020793-01 D-020793-02 D-020793-03 D-020793-04	GAAUAG GGACCGA GCAACAA UGGCUAA	Weak		
C2ORF4	51072	NM_015955	0				D-016087-01 D-016087-02 D-016087-03 D-016087-04	GGUCAAA AAGGAUG GCAAGAC UCUAUUA	Medium		

C6ORF175	404672	NM_207118	0			YES	D-032021-01 D-032021-02 D-032021-03 D-032021-04	GGGAAGA GGAGCGA UAGCAGA UGAUGAC	Weak		YES
C6ORF214	401247	NM_207496	0				D-032203-01 D-032203-02 D-032203-03 D-032203-04	CCGAACA CUUCACA UCAAGA CUUCAGA	Weak+		
C6ORF70	55780	XM_376556	0			YES	D-028653-01 D-028653-02 D-028653-03 D-028653-04	UAAAGUC CAACCUG GAAAUCC GCCGUAG	Medium		
CALR3	125972	NM_145046	0				D-016230-01 D-016230-02 D-016230-03 D-016230-04	UUAACAG ACCAAUG CGACUGG CCGACUA	Weak+		
CASP8AP2	9994	NM_012115	0			YES	D-012413-01 D-012413-02 D-012413-03 D-012413-04	GAACAGA UGGCAUA GAGAGUA GCACAUG	Cytotoxic	Did not score	YES
CDC16	8881	NM_003903	0	Strong Medium Medium Weak	untreated untreated untreated untreated		D-003223-05 D-003223-07 D-003223-08 D-003223-09	GUAGAUG GCUACAA UGGAAGA CUAUGGA	Medium		
CDC26	246184	NM_139286	0	Weak	untreated untreated untreated untreated	YES	D-017290-01 D-017290-02 D-017290-03 D-017290-04	CAACACG CCAUUGG CAAUAUC CCUGGAG	Weak+		YES
CDH22	64405	NM_021248	0				D-013099-01 D-013099-02 D-013099-03 D-013099-04	GCACGUC GACCAGA ACACAGA CAUCAAA	Medium		
CHCHD6	84303	NM_032343	0			YES	D-014866-01 D-014866-02 D-014866-03 D-014866-04	GCUGAGA UCCACAA AAAGAUG AGGAUAA	Medium		
CKIP-1	51177	NM_016274	0			YES YES	D-016800-01 D-016800-02 D-016800-03 D-016800-04	GGAGAGG UGAGAGA GAUCAAU GGGUUGA	Weak+		
CKS1B	1163	NM_001826	0				D-004586-01 D-004586-03 D-004586-04 D-004586-05	CGACGAG ACCAGAA UCUGAUG CAAUUUU	Medium		
CLDN10	9071	NM_006984	0			YES	D-019255-01 D-019255-02 D-019255-03 D-019255-04	GCAUGUA GAUGUUC CCGAUAA GUGCAUA	Medium		
CLIC1	1192	NM_001288	0			YES YES	D-009530-01 D-009530-02 D-009530-03 D-009530-04	GGAGUCA GGACCGA AGAUCGA GAACAAC	Medium		

CLTB	1212	NM_001834	0			untreated	YES YES	D-004003-01 D-004003-02 D-004003-03 D-004003-04	GCGCCAG GAAGGUG GGAACCA GAGCGAG	Weak+		
CNN1	1264	NM_001299	0					D-015851-01 D-015851-02 D-015851-03 D-015851-04	GCACACA CAGCCGA GGAGUGA GAGAACA	Cytotoxic Bypass	Medium	
COPZ1	22818	NM_016057	0				YES YES YES YES	D-020293-01 D-020293-02 D-020293-03 D-020293-04	CCAAAGA GGCUGUG GAACCUU CAACAAG	Cytotoxic	Did not score	YES
COX7A3	1348	NM_183003	0			untreated	YES	D-019464-01 D-019464-02 D-019464-03 D-019464-04	GCAAUCA AUAAGGA GAUAGCU AUAAGAU	Medium		
CPVL	54504	NM_019029	0				YES YES	D-005828-01 D-005828-02 D-005828-03 D-005828-04	GGACAGC GAACGGA GCAGUGC GACUGAA	Medium		
CSPG6	9126	NM_005445	0			untreated untreated untreated	YES	D-006834-01 D-006834-02 D-006834-03 D-006834-04	GAAGCAI GAACGGA GGAAUUA GAAGAGA	Cytotoxic	Did not score	YES
CSTF2T	23283	NM_015235	0				YES YES	D-021449-01 D-021449-02 D-021449-03 D-021449-04	GAAGAUA GAAGCCA GAUCCCA GGAGACU	Cytotoxic	Did not score	YES
CSTF3	1479	NM_001326	0					D-011247-01 D-011247-02 D-011247-03 D-011247-04	GGACAAA GUAGAUU UAUGAAU GAUUGAA	Medium		
CTAG1A	246100	NM_139250	0				YES YES	D-016967-01 D-016967-02 D-016967-03 D-016967-04	CUGAAUG CGCCAUG CCGGCAA GCCGCCU	Cytotoxic Bypass	Weak+	
DKFZP313N062	285343	NM_173826	0	Weak+		untreated	YES	D-018121-01 D-018121-02 D-018121-03 D-018121-04	GAACAUU GCAAAA CAGCAUU GAAUUA	Weak+		
DLAD	58511	NM_021233	0					D-008278-01 D-008278-02 D-008278-03 D-008278-04	GGAAGAA UCACGAC GAGACGA UCCCUAA	Medium		
DPF1	8193	NM_004647	0				YES	D-031779-01 D-031779-02 D-031779-03 D-031779-04	CGGGACA AGUACAA CAUUUGG GGCCAAA	Cytotoxic Bypass	Medium	
DPP6	1804	NM_001936	0			untreated		D-010129-01 D-010129-02 D-010129-03 D-010129-04	UCAUGGA GCCAAC GCACACA CAACAGA	Medium		

DSG2	1829	NM_001943	0		untreated		D-011645-01 D-011645-02 D-011645-03 D-011645-04	GCUAGAU GCAUAGC CCUUAGA AGAUGUA	Medium		
EBF	1879	NM_024007	0			YES	D-011848-01 D-011848-02 D-011848-03 D-011848-04	GAAGGUA GGAACAG AAAGACCA CAACGAA	Medium		
EIF1AY	9086	NM_004681	0			YES	D-011908-01 D-011908-02 D-011908-03 D-011908-04	AAAGAGA GAAAUCCA GGAAAU UAUAUUG	Medium		
EIF2S1	1965	NM_004094	0			YES YES YES	D-015389-05 D-015389-06 D-015389-07 D-015389-08	UUGCUGA GUACAAG GGAUGA GAAGGCG	Cytotoxic	Did not score	
ELSPBP1	64100	NM_022142	0				D-013046-01 D-013046-02 D-013046-03 D-013046-04	UAACUGCA GAAGAUU CCAGUUA GCACCCA	Weak+		
ENAH	55740	NM_018212	0				D-021932-01 D-021932-02 D-021932-03 D-021932-04	GCAAGUC GGAUUGC GAGAGAG GGAGCGA	Cytotoxic Bypass	Did not score	YES
EREG	2069	NM_001432	0			YES YES YES	D-011268-01 D-011268-02 D-011268-03 D-011268-04	GCUCUGA GUACAAC GAAGUGG GCUUUGA	Medium		
FADS1	3992	NM_013402	0			YES	D-008210-01 D-008210-02 D-008210-03 D-008210-04	GGAACCA GAGGAGC GACUUGG UCACUUA	Medium		
FKBP6	8468	NM_003602	0			YES YES	D-009426-01 D-009426-02 D-009426-03 D-009426-04	GAGCAAC GAGAGGA UUACAUAC GAAACUG	Medium		
FLJ14959	284391	XM_371139	0				D-031230-01 D-031230-02 D-031230-03 D-031230-04	GCAACUG UGACAAA GCCCUUG ACACUAG	Weak+		
FLJ22329	79709	NM_024656	0				D-018152-01 D-018152-02 D-018152-03 D-018152-04	GAAAUCA AGAAAUC CAACAUG CCGAAAC	Medium		
FLJ25778	254048	XM_376679	0			YES YES YES	D-025464-01 D-025464-02 D-025464-03 D-025464-04	CCAGUUG GAACUAG GAACACA GGCAUU	Cytotoxic Bypass	Did not score	YES
FLJ35424	285492	NM_173661	0				D-018114-01 D-018114-02 D-018114-03 D-018114-04	CGACAUAC GCACCUG CUUCGUC GCAAUUA	Medium		

FLJ42220	400207	NM_207441	0				D-032121-01 D-032121-02 D-032121-03 D-032121-04	UCGCGAA GGGAGUA CGGGAGA GGCAAUU	Weak+		
FLJ43826	342666	NM_198502	0				D-027247-01 D-027247-02 D-027247-03 D-027247-04	GAACUUA CAGAAUC UUCAGAC CCUCCUG	Weak+		
FLJ45121	400556	NM_207451	0				D-032136-01 D-032136-02 D-032136-03 D-032136-04	CAGCAUA GCACGAU UCACUGA CUGCUGA	Medium		
FLJ46082	389799	NM_207417	0			YES	D-032095-01 D-032095-02 D-032095-03 D-032095-04	GGAUUUA GGACAUC GGGAACC CCUCAGC	Weak+		
FMN2	56776	XM_371352	0				D-022134-01 D-022134-02 D-022134-03 D-022134-04	GAAGGAA UCUCGAA GCAGAAG GGGAGUA	Medium		YES
FOXJ2	55810	NM_018416	0			YES	D-009350-01 D-009350-02 D-009350-03 D-009350-04	GCCUUAU GAACAAC GGACUCA GAUGAUC	Weak		YES
GALNTL4	374378	NM_198516	0			YES	D-031763-01 D-031763-02 D-031763-03 D-031763-04	GGGACAC AAACUUU CAGGAGG UGACAAC	Medium		
GCLM	2730	NM_002061	0			YES	D-011670-01 D-011670-02 D-011670-03 D-011670-04	GCGAGGA GGAAUGC GGUAUUC CACCAGAU	Medium		
GGA1	26088	NM_00100156	0			YES	D-013694-01 D-013694-02 D-013694-03 D-013694-04	UAUCUGG UCCGGGA CGAAGAG GAAGAGC	Cytotoxic	Did not score	YES
GNAT3	346562	XM_294370	0				D-028947-01 D-028947-02 D-028947-03 D-028947-04	CCGUAAA GGACCAA UCAAUGA CGACUGG	Weak+		
GUCA1A	2978	NM_000409	0			YES	D-019288-01 D-019288-02 D-019288-03 D-019288-04	AACAGAA ACAGUGU AAGGACG CGUGAUG	Weak+		
HDAC4	9759	NM_006037	0			YES YES	D-003497-01 D-003497-02 D-003497-04 D-003497-06	CGACAGG AAAUUAC GAAUGUA GAGUGUC	Cytotoxic Bypass	Did not score	
HESX1	8820	NM_003865	0				D-019521-01 D-019521-02 D-019521-03 D-019521-04	GAAAGAC GAUGGUA AGAGUAA CGAUUUU	Medium		

HKR2	342945	NM_181846	0			YES	D-007175-01 D-007175-02 D-007175-03 D-007175-04	GGACAGA GUACGCA GCCUGA AGAGAGG	Weak+		YES
HLXB9	3110	NM_005515	0			YES	D-010960-01 D-010960-02 D-010960-03 D-010960-04	GGACGAC CGGAUGA CUAAGAU CGCAGGA	Medium		
HMG20A	10363	NM_018200	0			YES	D-015454-01 D-015454-02 D-015454-03 D-015454-04	UGAACAG GAGAACA GAAAUCA ACAGAGA	Weak		
HMG20B	10362	NM_006339	0			YES YES	D-020146-02 D-020146-03 D-020146-04 D-020146-05	GAGAGAA GGGCGUA GGACACA CGCGUAU	Weak		
HMG2	3151	NM_005517	0			YES	D-012710-01 D-012710-02 D-012710-03 D-012710-04	CUAAUAG ACUAAUA UAGAAUG CCAAGCU	Weak+		
HNRPK	3190	NM_002140	0		untreated	YES YES YES	D-011692-01 D-011692-02 D-011692-03 D-011692-04	GAGCGCA GAUCUUG GGUCAGC GUCGGGA	Cytotoxic	Did not score	
HOXB6	3216	NM_018952	0	Medium	untreated	YES	D-017336-01 D-017336-02 D-017336-03 D-017336-04	CGGACCC CGGAUGA UGACGGA GCCGAGG	Weak		YES
HRLP5	117245	NM_054108	0				D-010293-01 D-010293-02 D-010293-03 D-010293-04	CAGCAUU UCAACAA GCAUAAA GCAGUUA	Medium		
IK	3550	NM_006083	0		untreated		D-012190-01 D-012190-02 D-012190-03 D-012190-04	CCGCAUG CAUAUGA GCAGGGA GAUGGAA	Cytotoxic	Did not score	YES
ILF2	3608	NM_004515	0				D-017599-01 D-017599-02 D-017599-03 D-017599-04	GAACAGG GAAACUG CAUGGUG GGACAUG	Medium		YES
IRAK3	11213	NM_007199	0			YES	D-004762-01 D-004762-02 D-004762-03 D-004762-04	CAUCAGA CCACAAAC GAUCAUG CCAAAUC	Medium		
ITGB7	3695	NM_000889	0	Strong	untreated	YES YES YES	D-008013-02 D-008013-03 D-008013-04 D-008013-05	GACCUGA GAUGAUG GGACAGU ACAGUAA	Medium		
KBTBD5	131377	NM_152393	0			YES YES YES	D-016211-01 D-016211-02 D-016211-03 D-016211-04	GCGCAUA GAACAAG AAUCGGA CUACGUA	Weak+		

KCTD12	115207	NM_138444	0			YES	D-015610-01 D-015610-02 D-015610-03 D-015610-04	GGACAGC GCUAUUA GGGACAC GACCAGA	Cytotoxic	Did not score	YES
KIAA0795	23276	NM_025010	0			YES	D-014549-01 D-014549-02 D-014549-03 D-014549-04	GGGAUGA GAGAGAU GCCCGAA GUGCGUU	Weak+		
KIAA0931	23035	XM_041191	0				D-022586-01 D-022586-02 D-022586-03 D-022586-04	GAACUUG GCUAUAA GGAAAGA GUACAGC	Weak+		
KIAA1107	23285	XM_034086	0				D-021628-01 D-021628-02 D-021628-03 D-021628-04	GGAGUUA GCAGACA GCCCAGA GAAGUUG	Cytotoxic	Did not score	YES
KIAA1160	57461	NM_020701	0			YES	D-013894-01 D-013894-02 D-013894-03 D-013894-04	GCUGGGA GUACUUA GAAGUUC GAGCCGA	Cytotoxic	Did not score	YES
KIAA1713	80816	XM_290811	0			YES YES	D-023422-01 D-023422-02 D-023422-03 D-023422-04	UCAGAAG CCAAUUA GGACACA AAACUGA	Cytotoxic	Did not score	
KIF11	3832	NM_004523	0		untreated untreated untreated untreated		D-003317-05 D-003317-06 D-003317-07 D-003317-08	GCAGAAA CAACAAG CAGCAGA CUAGAUG	Cytotoxic	Did not score	YES
KRT25B	353288	NM_181539	0			YES	D-018748-01 D-018748-02 D-018748-03 D-018748-04	GGAACAC CAAUAGC GAGCAAC CAACUUA	Weak+		
KRT25C	342574	NM_181537	0			YES	D-018754-01 D-018754-02 D-018754-03 D-018754-04	GGACAUC GCAAAGU UCAGUGA GAUGGCU	Weak+		
LAMA1	284217	NM_005559	0			YES YES	D-012118-01 D-012118-02 D-012118-03 D-012118-04	GAAAUGA CUAAUAU CACAAUC GGUCAAU	Weak		
LOC150051	150051	XM_097792	0			YES YES YES	D-024363-01 D-024363-02 D-024363-03 D-024363-04	GGUACAG GUGCACA GGGAUUG CAUAGGU	Medium		
LOC162835	162835	XM_091830	0			YES	D-023395-01 D-023395-02 D-023395-03 D-023395-04	CGAAUAG GCAAGUG GAUUGGA GAAUUGC	Cytotoxic	Did not score	
LOC219612	0	XM_168585	0			YES	D-025428-01 D-025428-02 D-025428-03 D-025428-04	GGAACGA GCGCAA GGAGAUU CGUGAUU	Weak+		

LOC283989	283989	NM_207346	0			YES YES YES	D-022947-01 D-022947-02 D-022947-03 D-022947-04	GAUGUGC GAAAGAA GCGGUUG CCGUAUG	Cytotoxic	Did not score	YES
LOC284397	284397	XM_209180	0			YES YES	D-026191-01 D-026191-02 D-026191-03 D-026191-04	GCAACCA CCAUGUC CCGCCUU GGGUAAG	Weak+		
LOC285248	285248	XM_211816	0	Weak+	untreated	YES YES	D-023664-01 D-023664-02 D-023664-03 D-023664-04	AGACAGC GAUGGAC GAACUGA CCAUUGC	Weak+		
LOC339451	339451	NM_198317	0			YES YES	D-031770-01 D-031770-02 D-031770-03 D-031770-04	GAACAGU GAACUGG GCAAGUU UCAACUC	Weak+		
LOC340017	340017	XM_379288	0		untreated		D-028274-01 D-028274-02 D-028274-03 D-028274-04	CGUGGAA GGUAUGG CCUGGUG CAAGCAA	Medium		
LOC340843	340843	XM_291726	0				D-026400-01 D-026400-02 D-026400-03 D-026400-04	CUGGAAG UGGGUCC CCUGUGG CAGUCUA	Medium		
LOC387601	387601	NM_199352	0			YES	D-031740-01 D-031740-02 D-031740-03 D-031740-04	GCAUUGA GUGGAUA GCUAGUA GGUGGGA	Weak+		
LOC387921	387921	XM_370722	0			YES	D-030217-01 D-030217-02 D-030217-03 D-030217-04	CUACGAG GAUCACG CAGCAGA CCAGUAC	Weak+		
LOC388474	388474	XM_371115	0			YES	D-031048-01 D-031048-02 D-031048-03 D-031048-04	CUAAGUC AGACCAA GCACUUU GGUUAAC	Cytotoxic	Did not score	
LOC388624	388624	XM_371244	0			YES	D-027463-01 D-027463-02 D-027463-03 D-027463-04	GAGCAGG GAGACUG CCAGAGC GCUGGAA	Medium		
LOC389362	389362	XM_374159	0			YES YES	D-028632-01 D-028632-02 D-028632-03 D-028632-04	UAACUUC GCUAUA AAAACAG CUGCACA	Weak+		
LOC389530	389530	XM_291247	0			YES	D-028903-01 D-028903-02 D-028903-03 D-028903-04	GAGCACA UCUCAGA GAUCGCC UAAACAG	Weak+		
LOC391656	391656	XM_373027	0				D-028288-01 D-028288-02 D-028288-03 D-028288-04	GUUGUUG CAAAAGC AAAGUCC CGAAGUC	Weak+		

LOC392583	392583	XM_374379	0				D-031678-01 D-031678-02 D-031678-03 D-031678-04	GGGAAUC GAAACAU GGAAACCI GCGCACA	Weak+		
LOC399786	399786	XM_378236	0			YES	D-029755-01 D-029755-02 D-029755-03 D-029755-04	GAGAAAU GGCAAAG GGACUUC GCAAGAC	Weak+		
LOC401095	401095	XM_376278	0				D-028187-01 D-028187-02 D-028187-03 D-028187-04	UAGAGCA CUACAGCA GAACAAU GACAGAA	Weak+		
LOC401551	401551	XM_376909	0			YES	D-029592-01 D-029592-02 D-029592-03 D-029592-04	CGAGACA CAGACUA ACAGGAA GGACUCC	Weak+		
LOC90113	90113	XM_291077	0			YES	D-023782-01 D-023782-02 D-023782-03 D-023782-04	GAACCAC GGGACCA CCACUGU CCAUAUA	Weak+		
LRG47	345611	XM_293893	0			YES	D-028450-01 D-028450-02 D-028450-03 D-028450-04	CCACAAC CCAAGAU GCAAUGG AGAAGGA	Weak+		
LRRIQ2	79598	NM_024548	0		untreated	YES YES YES	D-018133-01 D-018133-02 D-018133-03 D-018133-04	GACGUUG GCAAACG GAAAGCC CCAAGAL	Cytotoxic	Did not score	YES
LRRK2	120892	XM_058513	0				D-006323-01 D-006323-02 D-006323-03 D-006323-04	GGAAGUU GAGACA GCCCAGG AGACACU	Medium		
MADD	8567	NM_003682	0			YES	D-004429-01 D-004429-03 D-004429-05 D-004429-06	GAAGUUC GAAAUUC GCAGUGA ACACUGG	Medium		
MAGEA2B	266740	NM_153488	0			YES	D-019148-01 D-019148-02 D-019148-03 D-019148-04	CAACUAC GCCUCCA GAAUGUU CACUAAAC	Medium		
MATN2	4147	NM_002380	0			YES YES	D-011329-01 D-011329-02 D-011329-03 D-011329-04	GCACAAAC GGAAAGG GCAGCAC GCAAUAUC	Cytotoxic Bypass	Did not score	YES
MATR3	9782	NM_018834	0				D-017382-01 D-017382-02 D-017382-03 D-017382-04	UAGAUGA GACCAGG ACCCAGU CCAGUGA	Weak		
MBL2	4153	NM_000242	0	Medium	untreated	YES	D-011080-01 D-011080-02 D-011080-03 D-011080-04	UGAUGAA GGAAUAU GUGAAGG AGAAAUG	Medium		

MGC10992	92922	NM_033212	0		untreated	YES	D-015088-01 D-015088-02 D-015088-03 D-015088-04	GCACUGG CCAAUUG GAUCCGC GCGUUGA	Cytotoxic Bypass	Weak+	
MGC11332	84804	NM_032718	0			YES	D-007357-01 D-007357-02 D-007357-03 D-007357-04	CAGGCUA CCACCAA GGCCUGC UAAACAAC	Weak+		
MGC15737	85012	NM_032926	0			YES	D-018635-01 D-018635-02 D-018635-03 D-018635-04	CACGAUA AAGUAGA GAGAGAG CGAGGGA	Cytotoxic	Did not score	YES
MGC4170	79158	NM_024312	0				D-031144-01 D-031144-02 D-031144-03 D-031144-04	UCACGCA GUACUAG UCACAUAC UCACAUAG	Medium		
MGC42638	340561	NM_178567	0				D-009099-01 D-009099-02 D-009099-03 D-009099-04	GAAUUUA UAAAGUU CACCCAAC GGGCCAG	Weak+		
MGC8974	115353	NM_052940	0			YES YES YES	D-018700-01 D-018700-02 D-018700-03 D-018700-04	GGACAGG AAACAGG GAAGCGG AAAGAGG	Cytotoxic	Did not score	YES
MIR	220972	NM_145021	0			YES YES	D-007161-01 D-007161-03 D-007161-04 D-007161-05	GAGAAGA AGAGUGA AAGAUCAL GAAUGGC	Medium		
MIR16	51573	NM_016641	0			YES	D-009233-01 D-009233-02 D-009233-03 D-009233-04	GAUUGGA GCAGAGU CAUCUUG GAAAAGA	Medium		
MMP2	4313	NM_004530	0			YES	D-005959-02 D-005959-03 D-005959-04 D-005959-06	UACAACAC GACAGUG GCAAACAC ACAAGAAC	Medium		
MOCOS	55034	NM_017947	0			YES YES YES YES	D-020993-01 D-020993-02 D-020993-03 D-020993-04	GCAGAAG GGAAAAC GGUCAAG GAUUUCA	Weak		
MPG	4350	NM_002434	0		untreated	YES	D-005146-01 D-005146-02 D-005146-03 D-005146-04	GGAUCAA GAAGCAG ACAUCAU GGCCCAU	Cytotoxic	Did not score	
MSH2	4436	NM_000251	0	Weak+	untreated		D-003909-01 D-003909-04 D-003909-05 D-003909-06	GAAGAGA CAGCAAAC CAGCUUU GGAGGUA	Medium		YES
MSH4	4438	NM_002440	0			YES	D-019116-01 D-019116-02 D-019116-03 D-019116-04	GAGAUUA GAAAUAG CGACCAG GAAUAUC	Cytotoxic Bypass	Did not score	

MST1R	4486	NM_002447	0					D-003157-10 D-003157-11 D-003157-12 D-003157-13	GUGGAGC GACAGGG CGACCCA UAGAGGA	Medium		
MUM1	84939	NM_032853	0					D-019083-01 D-019083-02 D-019083-03 D-019083-04	UCGCUGA CAAGUGU CUAAUUC GAUUAUG	Cytotoxic	Did not score	YES
NAB1	4664	NM_005966	0					D-015359-01 D-015359-02 D-015359-03 D-015359-04	CUCGAGA UGCCUUG CAAUAUA GAAGAGC	Cytotoxic Bypass	Medium	
NIFUN	23479	NM_014301	0					D-012837-01 D-012837-02 D-012837-03 D-012837-04	GAGGAAG GAUUGUG CUACUCA GUGGUGA	Cytotoxic	Did not score	
NIT1	4817	NM_005600	0					D-020022-01 D-020022-02 D-020022-03 D-020022-04	GAAAGCA CCUCAAC GGCCUGA CAAGAUU	Weak+		
NPAT	4863	NM_002519	0					D-019599-01 D-019599-02 D-019599-03 D-019599-04	ACAAGGA CCAAAUAA UGAAUUG GAGCGAA	Cytotoxic	Did not score	YES
NR6A1	2649	NM_001489	0					D-003431-01 D-003431-02 D-003431-03 D-003431-05	CAACGAA GAAGAAC GAAGAUG CCGAGGA	Weak+		
NUP88	4927	NM_002532	0					D-017547-01 D-017547-02 D-017547-03 D-017547-04	GGAAUUG CCACUAA GUUUGAA UAAGGAU	Cytotoxic	Did not score	YES
PABPC4	8761	NM_003819	0					D-011528-01 D-011528-02 D-011528-03 D-011528-04	GGGUGAA GGAGAGA CCAAUGC GGUAAGA	Medium		
PAFAH2	5051	NM_000437	0		Medium	untreated		D-008583-01 D-008583-03 D-008583-04 D-008583-05	CCGAGUA CAACUUG GGACCUG CAAUGGA	Medium		
PDE1A	5136	NM_005019	0					D-007641-01 D-007641-02 D-007641-03 D-007641-04	GCACUAA UAAUUGG CAAAUAG GGAAGCA	Medium		
PDE3B	5140	NM_000922	0					D-007646-02 D-007646-03 D-007646-04 D-007646-05	GAAUACA GACAUCA GAACAGC GGUGAUA	Medium		
PDE5A	8654	NM_001083	0					D-007667-05 D-007667-06 D-007667-09 D-007667-10	GAAGACA GAAAUCA GAUGACA GGAAACG	Medium		

PDIR	10954	NM_006810	0			YES YES	D-019826-01 D-019826-02 D-019826-03 D-019826-04	GCAAAGG GGGAGAC GGACGGU GACCUGA	Medium		
PHGDHL1	337867	NM_177967	0			YES	D-017914-01 D-017914-02 D-017914-03 D-017914-04	GAACCCAU GGAAUGA GCACAAG UGAGAGU	Strong		
PIAS3	10401	NM_006099	0			YES	D-004164-05 D-004164-06 D-004164-07 D-004164-08	GGAGCCA CAAGUGC GGAAUUA GGCCCUA	Medium		
PICALM	8301	NM_007166	0			YES	D-004004-01 D-004004-02 D-004004-05 D-004004-06	GUUAGUA GAAAUUG ACAGUUG GUUCAAA	Weak+		
PIK3C3	5289	NM_002647	0			YES YES	D-005250-01 D-005250-02 D-005250-03 D-005250-04	AUAGAUAA GAACCAAC GGAGGCA ACUCAACA	Weak+		
PODXL	5420	NM_005397	0				D-010617-01 D-010617-02 D-010617-03 D-010617-04	CAACAGAA GGACAUG GAAAUUG GGACAAA	Medium		
POLM	27434	NM_013284	0			YES	D-010035-01 D-010035-02 D-010035-03 D-010035-04	CGACACAA GGACAUAA CCAUGAA GAACACU	Cytotoxic Bypass	Did not score	
POLR2I	5438	NM_006233	0		untreated	YES YES	D-012248-01 D-012248-02 D-012248-03 D-012248-04	GAACUGAA GGUAUUC CAAGAUC GAACCGC	Cytotoxic	Did not score	YES
POLR3E	55718	NM_018119	0			YES YES	D-020773-01 D-020773-02 D-020773-03 D-020773-04	ACACGGAA GAAGAGU GGCCGAG CGACGAG	Cytotoxic	Did not score	YES
PON1	5444	NM_000446	0				D-009229-01 D-009229-02 D-009229-03 D-009229-04	GGAGAUG GGUCGUA GGAACCA GCAAGUA	Medium		
PORCN	64840	NM_022825	0			YES YES	D-009613-01 D-009613-02 D-009613-03 D-009613-04	GAUCUUC UCACUUA GGUGCGA GGUCAAU	Medium		
PPP2CA	5515	NM_002715	0			YES YES	D-003598-01 D-003598-02 D-003598-03 D-003598-04	GAGGUUC UAACCAAC GAACUUG CGAGAAG	Medium		
PRPF8	10594	NM_006445	0		untreated untreated untreated		D-012252-01 D-012252-02 D-012252-04 D-012252-05	UGAAGCA GCAGAUG GGAAGAA GAUAAGG	Cytotoxic	Did not score	YES

PSMA3	5684	NM_002788	0				D-011758-01 D-011758-02 D-011758-03 D-011758-04	GACAUGA/ GCGCAAC/ GAUCUAA/ UAGCAGG/	Cytotoxic	Did not score	
PTAFR	5724	NM_000952	0		untreated	YES	D-005709-01 D-005709-02 D-005709-03 D-005709-04	CAACGUC/ GCAAGCG/ CCACGGAI/ UAGCACC/	Strong		
PTP4A2	8073	NM_003479	0			YES YES	D-009078-01 D-009078-02 D-009078-03 D-009078-04	CGAUUAC/ GAAAUAC/ GCAUUGC/ CGACUUU/	Medium		
PTPLA	9200	NM_014241	0			YES	D-008742-01 D-008742-02 D-008742-03 D-008742-04	UGAGAUAA/ CAAUAAGA/ CCACAACU/ ACACACAC/	Weak+		
PTPRK	5796	NM_002844	0			YES	D-004204-01 D-004204-02 D-004204-03 D-004204-05	CAACAUAA/ GAACGAC/ GAGAUCA/ GAAGUAG/	Weak+		
RAB5A	5868	NM_004162	0			YES	D-004009-01 D-004009-02 D-004009-03 D-004009-04	GCAAGCA/ GGAAGAG/ AGGAAUC/ GAAGAGG/	Weak+		
RAD51	5888	NM_002875	0				D-003530-02 D-003530-05 D-003530-07 D-003530-08	GAAGCUAA/ GCAGUGA/ CCAACGAI/ AAGCUAU/	Cytotoxic Bypass	Did not score	
RASSF1	11186	NM_007182	0	Weak	untreated		D-017219-01 D-017219-02 D-017219-03 D-017219-04	CUACAUA/ GCAAGAA/ CAAGGAC/ GACAAGG/	Medium		
RCD-8	23644	NM_014329	0			YES	D-016635-01 D-016635-02 D-016635-03 D-016635-04	GGACCAU/ GAUGGAG/ UGACCAG/ GCCCACAG/	Cytotoxic Bypass	Weak	YES
RGL1	23179	NM_015149	0			YES	D-008387-01 D-008387-02 D-008387-03 D-008387-04	GACAAUG/ GCAAAGA/ GUAGACU/ GAAGACA/	Medium		
RIMS4	140730	NM_182970	0				D-021322-01 D-021322-02 D-021322-03 D-021322-04	CAAAGUC/ GCUCAGA/ GAGUUUG/ AGACACU/	Cytotoxic	Did not score	YES
RNASE1	6035	NM_002933	0			YES	D-015643-01 D-015643-02 D-015643-03 D-015643-04	GCAAACCA/ GCAGCUC/ GCAUAUG/ CCACUUU/	Medium		
RPA1	6117	NM_002945	0				D-015749-01 D-015749-02 D-015749-03 D-015749-04	GAAGUCA/ GGAAUGG/ GCAAUCCA/ GAAGUGC/	Cytotoxic Bypass	Did not score	YES

RPA2	6118	NM_002946	0			YES	D-017058-01 D-017058-02 D-017058-03 D-017058-04	GAUCAAU CAAAAUA GAGUGAA GUGGAAC	Cytotoxic	Did not score	
RPS29	6235	NM_001032	0				D-011157-01 D-011157-02 D-011157-03 D-011157-04	GGUCUGA GGUUCUC CAAUAUG ACGCGAA	Cytotoxic	Did not score	
RUVBL1	8607	NM_003707	0			YES	D-008977-01 D-008977-02 D-008977-03 D-008977-04	GCAGAAA CAACUGA GAAAGAG CAAAGGA	Weak+		
RUVBL2	10856	NM_006666	0				D-012299-01 D-012299-02 D-012299-03 D-012299-04	UAACAAG CGCAGUA UCAACGA ACGCAAG	Cytotoxic	Did not score	YES
SCFD1	23256	NM_016106	0			YES YES YES YES	D-010943-01 D-010943-02 D-010943-03 D-010943-04	GACAAUA CGAAACU UAAGGAG GCAAGAA	Cytotoxic	Did not score	YES
SCN11A	11280	NM_014139	0			YES YES	D-006296-02 D-006296-04 D-006296-05 D-006296-06	GAAUAGC CGAAAGA GGAACAG CGCCGAG	Weak+		
SCN4A	6329	NM_000334	0			YES	D-006300-01 D-006300-02 D-006300-05 D-006300-06	ACACAGG CAUCAAG GUACAAG GCAAUGA	Weak+		
SF3A1	10291	NM_005877	0		untreated		D-016051-01 D-016051-02 D-016051-03 D-016051-04	GUAAGAA CAUCUUC CAGAUCC GAACACA	Cytotoxic	Did not score	YES
SF3B2	10992	XM_290506	0			YES YES	D-026599-01 D-026599-02 D-026599-03 D-026599-04	GAGAGAA UAUGACA UGACAUC GGACAAA	Cytotoxic	Did not score	YES
SIX4	51804	NM_017420	0				D-020267-01 D-020267-02 D-020267-03 D-020267-04	CCAGUGG GAUGGAG UGUCUUA GUAUACA	Weak+		YES
SLC22A9	114571	NM_080866	0			YES	D-007460-01 D-007460-02 D-007460-03 D-007460-04	CCACUGG CAACUUU GGAAUGU GCUCCAA	Medium		
SLC39A3	29985	NM_144564	0			YES	D-007571-01 D-007571-02 D-007571-03 D-007571-04	GGGAGAA UCAUCGA GCAGCGA CGGCCAA	Cytotoxic Bypass	Weak	
SLC6A3	6531	NM_001044	0			YES	D-007603-01 D-007603-03 D-007603-04 D-007603-05	GAGCAUA CUACGGA UCACGCU CGAGGCG	Weak+		

SLC9A10	285335	XM_210562	0				D-023575-01 D-023575-02 D-023575-03 D-023575-04	GAGAUAA GAUCGUG GAUCAGAI GCUAACCC	Weak+		
SPAG5	10615	NM_006461	0			YES	D-006839-01 D-006839-02 D-006839-03 D-006839-04	CAAAUUAA CUAAAGAA CGACAUG ACAAGUCI	Cytotoxic Bypass	Did not score	YES
SRD5A2L2	253017	NM_00101087	0			YES	D-024084-01 D-024084-02 D-024084-03 D-024084-04	GAUAAUG CCAAAGAA UCAAUUG GUUAACA	Weak+		
SRPK2	6733	NM_182691	0				D-004839-05 D-004839-06 D-004839-07 D-004839-08	GAACAUAA GCAGAACC UGAAGAG GACCCUAA	Medium		
SSBP1	6742	NM_003143	0			YES	D-021365-01 D-021365-02 D-021365-03 D-021365-04	CAACAACA GAAUUUAA UGAGUGA AGACAUG	Cytotoxic Bypass	Did not score	YES
STAC	6769	NM_003149	0			YES	D-019732-01 D-019732-02 D-019732-03 D-019732-04	GGAGACA GAACCUU GCGAAGA GUGUUUA	Medium		
STK6	6790	NM_003600	0		untreated untreated untreated	YES	D-003545-02 D-003545-05 D-003545-18 D-003545-19	GAACUUAA CAAUUGCC UUCUUAG GUACAUG	Cytotoxic	Did not score	YES
STX6	10228	NM_005819	0			YES YES YES	D-017164-01 D-017164-02 D-017164-03 D-017164-04	GCAACUG CCAACGAA GAUCAGAI CAGCAUAA	Cytotoxic	Did not score	YES
SUHW3	55609	NM_017666	0			YES YES	D-007013-01 D-007013-02 D-007013-03 D-007013-04	AGAAAGAA GGAGAGA GUCCAGAA ACAAAGAA	Weak		YES
TCF12	6938	NM_003205	0	Weak+	untreated	YES YES YES	D-006356-01 D-006356-02 D-006356-05 D-006356-06	GCACAGAA GAACAAG UCGAUCA CAUGACCC	Weak		YES
TCFL1	6944	NM_005997	0				D-020097-01 D-020097-02 D-020097-03 D-020097-04	GGAAGAG UCACAGAA AGAAGCAA CAUUAGAA	Weak		YES
TERF2IP	54386	NM_018975	0			YES	D-021219-01 D-021219-02 D-021219-03 D-021219-04	GAUGAGAA GGUAACG AAUAAGAA UGAGAGC	Cytotoxic	Did not score	YES
TFAP2B	7021	NM_003221	0			YES YES YES	D-017730-01 D-017730-02 D-017730-03 D-017730-04	AGGAGAA GGACCAG GCAAGAA GCGCAAA	Medium		

TOR2A	27433	NM_130459	0				D-015292-01 D-015292-02 D-015292-03 D-015292-04	GUUCAGC GCUACAA CGGACC UGUCAUU	Medium		
TPBG	7162	NM_006670	0	Weak	untreated	YES	D-004304-01 D-004304-02 D-004304-03 D-004304-04	GGAAGGG GUGCUGA GGACUUA GGAUUCG	Medium		
TPR	7175	NM_003292	0			YES YES YES	D-010548-01 D-010548-02 D-010548-04 D-010548-05	GAAGUAA GAACAAA GAACAAC GCACAGC	Weak		YES
TPTE	7179	NM_013315	0			YES	D-008745-02 D-008745-03 D-008745-04 D-008745-05	GAAAUUU UUUUAUC GCACGGA UAAGAAG	Medium		
TRA1	7184	NM_003299	0	Medium	untreated	YES	D-006417-04 D-006417-05 D-006417-06 D-006417-07	GAACACG GGACGGG GAAGAUG GCGAUUA	Weak+		
TUBA8	51807	NM_018943	0			YES	D-009374-01 D-009374-02 D-009374-03 D-009374-04	GCAGGAA GAUGGAA GGAUGUG ACACCAC	Medium		
TULP2	7288	NM_003323	0	Weak	untreated	YES	D-011414-01 D-011414-02 D-011414-03 D-011414-04	GAACAGG GCACCAA GCACGAA GCACGGA	Medium		
UBE2D1	7321	NM_003338	0			YES	D-009387-02 D-009387-03 D-009387-04 D-009387-05	CAACAGC GAAAGAA UACCAGU GCACAAU	Weak+		
UGT2B15	7366	NM_001076	0			YES	D-020194-05 D-020194-06 D-020194-07 D-020194-08	AAGGAUA GUAGCUA UAAAGUG UGGAAAC	Medium		
USP14	9097	NM_005151	0			YES	D-006065-02 D-006065-03 D-006065-05 D-006065-06	GCAUAUC GGACUUA CAAGAUG GGAGUUA	Weak		
USP31	57478	NM_020718	0			YES	D-022513-01 D-022513-02 D-022513-03 D-022513-04	GAACCAA GUAGACA CCUCAAA CAGCAUA	Weak+		
UTP14A	10813	NM_006649	0			YES	D-016395-01 D-016395-02 D-016395-03 D-016395-04	GAAAUUC GCAACUG GGUGCUG AACCAUA	Cytotoxic	Did not score	YES
WFDC2	10406	NM_006103	0			YES YES	D-010564-01 D-010564-02 D-010564-03 D-010564-04	CCGCAAU GGGAAGG UGUCCUG GCGAAUG	Medium		

XAB1	11321	NM_007266	0			YES	D-021485-01 D-021485-02 D-021485-03 D-021485-04	GGAGUAA GAGACUA GUUUUCA GAUGAAC	Cytotoxic	Did not score	
ZBTB2	57621	NM_020861	0			YES	D-014129-01 D-014129-02 D-014129-03 D-014129-04	GAUCAUA CAGGUGA CGACCCG AGACGAA	Cytotoxic	Did not score	YES
ZCWCC3	23515	NM_015358	0				D-012976-01 D-012976-02 D-012976-03 D-012976-04	GCAAGUG GCGACAA GCAAGGU CGAGUAA	Weak+		
ZMYND10	51364	NM_015896	0				D-021401-01 D-021401-02 D-021401-03 D-021401-04	CAUCUGA GAGGGCA GGAACCA GUACUAC	Medium		
ZNF271	10778	NM_006629	0			YES YES	D-015671-01 D-015671-02 D-015671-03 D-015671-04	GCACAUG GAGAAAA GCAGGAA GUUCUGA	Cytotoxic Bypass	Did not score	
ZNF462	58499	NM_021224	0			YES	D-018036-01 D-018036-02 D-018036-03 D-018036-04	GAGCAUG ACACCUA UGUAGGC ACGGUUU	Cytotoxic Bypass	Did not score	YES

Supplementary Table 4

Gene Symbol	Entrez Gene ID	Accession	# chkpt siRNAs	OTP Score	MI Untreated	MMC Sensitivity	HR Assay	Catalog Num	Sequence	Secondary Score	Primary Score	Cytotoxic Score	pSQTO	Chr. Location
ABHD3	171586	NM_138340	2	Weak Weak				J-008587-05 J-008587-06 J-008587-07 J-008587-08	GAUCGUG CUUCAGU UGAACUC GGAGGAA	2	Weak			18q11.2
ABTB2	25841	NM_145804	0			YES YES		J-016671-05 J-016671-06 J-016671-07 J-016671-08	CGUGAAC GUAUGAC CCACACG GGAGGAA	3	Medium			11p13
ADNP	23394	NM_015339	2	Weak Weak		YES	Increased	J-012857-09 J-012857-10 J-012857-11 J-012857-12	CGAAGAC GGACAAU GGAAGAA GGACCCA	1	Medium		YES	20q13.13
AKAP8	10270	NM_005858	2	Weak Medium		YES YES	Decreased	J-009656-06 J-009656-07 J-009656-08 J-009656-09	GUCCAUG GGAACGA GAACAAC GAUCGAG	2	Weak+			19p13.1
APTX	54840	NM_175069	0				Increased	J-013368-05 J-013368-06 J-013368-07 J-013368-08	ACAAGAG ACAGAAU CAAAGGC GAAAGAA	2	Weak+			9p13.3
ASB17	127247	NM_080868	0					J-015284-05 J-015284-06 J-015284-07 J-015284-08	GAGUAAU CAGAUUA UGAAUUG UUAUGUA	2	Strong			1p31.1
ASH2L	9070	NM_004674	1	Weak				J-019831-05 J-019831-06 J-019831-07 J-019831-08	AAAGAUG GGACCAU GAGAAGG GAGACAG	2	Medium			8p11.2
ATBF1	463	NM_006885	1	Weak		YES YES	Increased	J-015412-05 J-015412-06 J-015412-07 J-015412-08	GAACAAG CCAAGAG GACAAGC GUACAGA	2	Weak		YES	16q22.3- q23.1
ATR	545	NM_001184	4	Strong Strong Strong Strong		YES YES YES YES	Decreased Decreased Decreased Decreased	J-003202-19 J-003202-20 J-003202-21 J-003202-22	GAGAAAG GCAACUC CCACGAA CCGCUAA	4	Strong			3q22-q24
AUP1	550	NM_012103	1	Weak		YES		J-012410-09 J-012410-10 J-012410-11 J-012410-12	GCACUAU GCAGAUU GAGCACA CGACCAC	1	Weak+			2p13
AZI1	22994	XM_045581	3	Medium Medium Weak+		YES YES YES	Increased	J-023335-05 J-023335-06 J-023335-07 J-023335-08	AGAUIUG CGAAGAA CCUGGAA CAACGGA	2	Cytotoxic	Did not score	YES	17q25.3
BRCA1	672	NM_007294	4	Medium Weak Medium Strong		YES YES YES YES	Decreased Decreased Decreased Decreased	J-003461-09 J-003461-10 J-003461-11 J-003461-12	CAACAUG CCAAGGC UGAUAAA GAAGGAG		Did not score		YES	17q21
BRCA2	675	NM_000059	4	Medium Strong Strong Strong		YES YES YES YES	Decreased Decreased Decreased	J-003462-05 J-003462-06 J-003462-07 J-003462-08	GAAACGG GGUAUCA GAAGAAU UAAGGAA	4	Medium		YES	13q12.3
BRE	9577	NM_004899	1	Weak+		YES YES YES		J-010210-06 J-010210-07 J-010210-08 J-010210-09	GAGGAUA CGUGGAA GCAACAA UGAUUAC	2	Medium			2p23.2
BRIP1	83990	NM_032043	4	Medium Weak Weak Medium		YES YES YES		J-010587-05 J-010587-06 J-010587-07 J-010587-08	AGUCAAG GAUAGUA UAACCAA GUGCAAA	2	Medium			17q22-q24

BTG1	694	NM_001731	1	Weak	untreated	YES YES YES		J-011598-05 J-011598-06 J-011598-07 J-011598-08	GUAUUCG UAUGAAG GCAGAAC UAAGAUA	2	Medium			12q22
C13ORF23	80209	NM_025138	1	Weak		YES		J-012952-05 J-012952-06 J-012952-07 J-012952-08	UAACAAU AGGAAGA GCAUUCAC CCAAUGA	2	Cytotoxic Bypass	Medium		13q13.3
C14ORF150	112840	NM_080666	2	Weak Weak		YES YES		J-015254-09 J-015254-10 J-015254-11 J-015254-12	GGUUAAG GCGGACU GCACCAAC GACUCGA	2	Weak			14q23.2
C14ORF25	319089	XM_375077	1	Weak		YES YES		J-021942-05 J-021942-06 J-021942-07 J-021942-08	GAGAGGA GGAAUAC GGAAAGC CCACAAG	2	Medium			14q21.1
C1ORF180 (FL)	439927	M_00103366	0			YES	Decreased	J-033183-05 J-033183-06 J-033183-07 J-033183-08	CCAUUGG CCACUAG AAACCAAC UGGACUA	1	Weak+			1p22.3
C1ORF54	79630	NM_024579	3	Medium Weak Weak		YES YES YES	Increased	J-014374-09 J-014374-10 J-014374-11 J-014374-12	GCAAUAG GGCUGAA GGGAUGU AUUAUCA	2	Medium			1q21.2
CDS1	1040	NM_001263	0			YES		J-008680-09 J-008680-10 J-008680-11 J-008680-12	AUUCUGA AUGAGUA GAUGUAA CAACCUG	3	Medium			4q21.23
CLIC3	9022	NM_004669	3	Weak+ Medium Medium		YES YES YES	Increased	J-011805-05 J-011805-06 J-011805-07 J-011805-08	GGAGAAA GCACAUC AGACAGA CGGACGU	3	Cytotoxic Bypass	Medium		9q34.3
CLOCK	9575	NM_004898	4	Weak Weak Weak+ Weak		YES YES YES YES	Increased	J-008212-05 J-008212-06 J-008212-07 J-008212-08	CAACUUG CGACAGG GAACAAC CUAGAAA	3	Medium			4q12
CLSPN	63967	NM_022111	1	Weak		YES YES		J-005288-05 J-005288-06 J-005288-07 J-005288-08	GCAGAU GAGUAGA GCAGAU GAAGACA		Did not score	YES		1p34.2
CPSF2	53981	NM_017437	2	Weak Strong		YES YES YES	Increased	J-013404-05 J-013404-06 J-013404-07 J-013404-08	GAUCAGA UUGGAUA UAUCUGA GAACUGU	2	Weak+			14q31.1
DATF1	11083	NM_033081	2	Weak Weak		YES YES YES		J-004419-06 J-004419-07 J-004419-08 J-004419-09	CGCCGUC GGGAUAA GGGCGAG AGAGUAA	2	Cytotoxic Bypass	Weak+		20q13.33
DHX9	1660	NM_001357	4	Weak Weak Weak Weak		YES YES		J-009950-05 J-009950-06 J-009950-07 J-009950-08	GGAUUAA GGCUUUG CAAACAAC GUAAUUG	1	Strong	YES		1q25
DJ159A19.3	27245	XM_372774	1	Weak		YES YES	Increased	J-027522-09 J-027522-10 J-027522-11 J-027522-12	CUGGGAA CCAGAGU UCUUUGA GGGCAAA	2	Cytotoxic	Did not score	YES	1p36.13
DKFZP434B168	25896	NM_015434	3	Weak+ Medium Medium		YES YES YES		J-013972-05 J-013972-06 J-013972-07 J-013972-08	GAGUUUG CCAAUGG UCAAGAC CAAGCCU	3	Medium			1q36.13-q42.3
DKFZP566K052	26095	NM_015605	2	Weak Weak		YES YES		J-013909-05 J-013909-06 J-013909-07 J-013909-08	CGAAGGA CAGAGCC CAGAUUC GCAGGAA	1	Weak	YES		10q11.22

DMC1	11144	NM_007068	2	Weak Weak			Increased	J-009551-05 J-009551-06 J-009551-07 J-009551-08	GGACAUU CCAGGAA AGAAUAA GAACAAA	2	Medium		22q13.1
DNMT3B	1789	NM_006892	4	Weak Weak+ Weak+ Medium		YES YES YES YES	Increased	J-006395-07 J-006395-08 J-006395-09 J-006395-10	ACGCACA UUUACCA CGAAAUAA GCUCUUAA	3	Medium		20q11.2
FANCL	55120	NM_018062	3	Medium Medium Medium		YES	Increased Decreased	J-021486-05 J-021486-06 J-021486-07 J-021486-08	GCGGAUA CAGCUGA AGUGUUG GCAAUAG	3	Medium		2p16.1
FERD3L	222894	NM_152898	2	Weak Medium		YES YES	Increased Decreased	J-008437-09 J-008437-10 J-008437-11 J-008437-12	CCACGUU CGCGAAA GGAAGAG ACACUACC	2	Weak+		7p21.1
FKBP5	2289	NM_004117	0			YES		J-004224-06 J-004224-07 J-004224-08 J-004224-09	GAGAUUG CGAAAGC GCAAUAU GAAAGGA	2	Weak	YES	6p21.3- p21.2
FLJ20534	54969	NM_017867	0			YES		J-020849-09 J-020849-10 J-020849-11 J-020849-12	GACCAUU CUGGAAA AGACAAU AUAAUCU	2	Weak+		4q33
FLJ22729	79736	NM_024683	2	Weak Weak		YES YES YES	Increased	J-014410-09 J-014410-10 J-014410-11 J-014410-12	GGGCUCA CCAAAGC AUGCAAA AGUGACC	2	Weak+		17q11.2
FLJ23703	200197	NM_182534	3	Weak Weak+ Weak		YES		J-018885-09 J-018885-10 J-018885-11 J-018885-12	CUAGAAA CAAGAAA AAGCAGA CGUAAUG	2	Medium		1p36.21
FLJ25955	164781	NM_178821	0			YES YES		J-017857-09 J-017857-10 J-017857-11 J-017857-12	UCAACAA GCUAUGA CAGAACA ACUCACA	3	Weak+		2q36.3
FLJ31846	160857	NM_144974	0			YES	Increased	J-016742-09 J-016742-10 J-016742-11 J-016742-12	GUUAAAU CCAGGAG CUGGCUA CAGUUUG	1	Cytotoxic Bypass	Medium	13q14.11
FLJ34907	284222	XM_290817	0			YES YES	Increased	J-023377-09 J-023377-10 J-023377-11 J-023377-12	GCAUGAU UGGAAGA GCACAGA GGAAGU	1	Weak		18p11.22
FLJ36561	150248	NM_182520	4	Weak Weak Medium Medium		YES YES YES		J-018678-09 J-018678-10 J-018678-11 J-018678-12	ACAACUG AAGACAG CCUUGGG GAGCAAA	3	Medium		22q11.23
FLJ45645	375287	NM_198557	1	Weak				J-027267-09 J-027267-10 J-027267-11 J-027267-12	GAAUAG GGAUUGA GCGGAAG CCGUGUA	2	Weak+		2q23.3
FLJ46365	401459	NM_207504	2	Weak+ Weak+		YES YES	Decreased	J-032187-09 J-032187-10 J-032187-11 J-032187-12	CCUCAAG AGACUGA GUGCAUU GGUCACC	2	Medium		8q11.21
HCCA2	81532	NM_053005	1	Weak				J-019362-09 J-019362-10 J-019362-11 J-019362-12	GAGAUUG GGAGAGA GAGCACA CAUCUGU	2	Medium		11p15.5
FLJ12671	81875	NM_030980	0			YES YES	Increased	J-014692-05 J-014692-06 J-014692-07 J-014692-08	GGAGCUA UAGCAAG CGGAGAG CAGAAGA	1	Medium		1q23.1

KAB	9859	NM_014812	1	Weak				J-021258-05 J-021258-06 J-021258-07 J-021258-08	GAAGUAA UAAGGAA CCUACAAA AAGCAUAC	2	Weak		YES	1q44
KIAA1446	57596	NM_020836	1	Weak		YES YES		J-014095-09 J-014095-10 J-014095-11 J-014095-12	AGGACAA CCAAGGU CCACACAC CUGAAGU	2	Weak+		YES	14q32.2
KIAA1596	57697	XM_048128	4	Medium Weak+ Medium Strong Weak		YES YES	Decreased Decreased	J-021955-05 J-021955-06 J-021955-07 J-021955-08	GGGUAGA GAGAGGA AAACAGAC GCAUGUA	3	Cytotoxic	Weak		14q21.3
KIAA1679	80731	XM_046570	2	Weak+		YES		J-022909-05 J-022909-06 J-022909-07 J-022909-08	GAGCAUC CAACUGG CGGACUC GUACCAG	3	Medium			2q21-q22
KIAA1713	80816	XM_290811	1	Weak		YES YES YES		J-023422-05 J-023422-06 J-023422-07 J-023422-08	GAAUUGC GGACACA GAUAGAA GCAUAGC	0	Cytotoxic	Did not score		18q11
KIAA2010	55671	NM_032560	2	Weak Weak				J-019093-05 J-019093-06 J-019093-07 J-019093-08	GCGAAGU GCUAGCC GCUUAGA CGACGGU	1	Weak+			14q32.12
KIAA2018	205717	XM_291062	0			YES YES YES		J-023709-09 J-023709-10 J-023709-11 J-023709-12	AGACAAU AUUAAUAC AGAAAUAC UGGCAUG	1	Weak		YES	3q13.2
KLHDC5	57542	NM_020782	1	Weak		YES		J-027054-05 J-027054-06 J-027054-07 J-027054-08	GGUCUUA GGUCUAA GGACAUAA GCAGAAA	2	Weak+		YES	12p11.22
LOC128710	128710	XM_059267	0			YES YES		J-024240-09 J-024240-10 J-024240-11 J-024240-12	UCUUGGA AGUGCAA AAAGCAG CAAGAGAC	3	Weak+			20p12.2
LOC144776	144776	XM_375033	0			YES	Increased	J-030181-09 J-030181-10 J-030181-11 J-030181-12	CAUUAUAC GAUGGAG CGGAGAG GCGUCAU	1	Weak+			13q31.3
LOC150759	150759	NM_175853	1	Weak		YES YES YES	Increased	J-017982-05 J-017982-06 J-017982-07 J-017982-08	GCAACAC GAAACAA CUAGAAA GACAAAAC	3	Strong			2q11.2
LOC155036	155036	XM_376722	0			YES		J-028875-05 J-028875-06 J-028875-07 J-028875-08	CAUCCGG UAACUGA UUACGGA GGAAGUG	2	Medium			7q36.1
LOC256223	256223	XM_170840	1	Weak+		YES	Increased Decreased	J-023341-09 J-023341-10 J-023341-11 J-023341-12	UCCUGGG CCUAAAU GGGCCUG GCUCUUA	2	Medium			17p11.2
LOC284749	284749	XM_378983	0			YES		J-031307-05 J-031307-06 J-031307-07 J-031307-08	GCAGCAC GUACAUU GCACAGAA GGAAGGG	2	Weak+			20q13.13
LOC285045	285045	XM_379086	1	Weak Weak	untreated	YES YES	Decreased Increased	J-027824-05 J-027824-06 J-027824-07 J-027824-08	GAAGGCA GCUGGGA ACAGUGG CAACUUG	3	Weak+			2p22.3
LOC339448	339448	NM_207356	1	Weak			Decreased Increased Increased	J-021859-09 J-021859-10 J-021859-11 J-021859-12	CCUAAGA CGGCCAG GCAGACG GGGCUUA	2	Weak+			1p36.32

LOC339896	339896	NM_207359	1	Weak+	YES	Increased Increased	J-023510-09 J-023510-10 J-023510-11 J-023510-12	GUGCACA CAGCUUU GGAAGAA CCUGGAU	3	Weak+			3p24.1-p23
LOC345462	345462	XM_293828	0				J-024604-09 J-024604-10 J-024604-11 J-024604-12	GGGUCAA CGUUAAU ACUUCAA GGUCUAA	2	Weak+			5q35.3
LOC388002	388002	XM_373600	1	Weak	YES	Decreased Increased	J-030313-09 J-030313-10 J-030313-11 J-030313-12	GCAUAUU GGUAUUG GCACAAU GACAAUG	2	Medium			14q31.1
LOC389101	389101	XM_371622	1	Weak	YES YES	Increased Increased	J-028088-05 J-028088-06 J-028088-07 J-028088-08	GAGGUGU AAAGAUG GGAAGGC GCACGUC	3	Strong			3p22.3
LOC399818	399818	NM_212554	2	Medium Weak+	YES	Increased	J-032543-09 J-032543-10 J-032543-11 J-032543-12	CUGCAAA AUUAAGC GAGAGUA GGGCUAA	3	Medium			10q26.13
LOC400121	400121	XM_375018	2	Medium Weak	YES	Increased	J-030216-05 J-030216-06 J-030216-07 J-030216-08	GGAAUAU GAACUGU GUAGAUC GAAGGGA	1	Medium			13q13.3
LOC400526	400526	XM_375344	1	Medium	YES		J-030743-05 J-030743-06 J-030743-07 J-030743-08	CCAAGCA GCUUAAU GACAUUU CAAAGGA	3	Strong			16p11.2
LOC400643	400643	XM_378738	0		YES YES	Increased Increased	J-031017-05 J-031017-06 J-031017-07 J-031017-08	UUCCAAA CCACAUAC GAACGUG CCACCGA	1	Weak+			18p11.31
LOC401440	401440	XM_379539	2	Medium Weak	YES	Decreased Increased	J-029252-05 J-029252-06 J-029252-07 J-029252-08	GAAAAGC CCAGUUG GAAGAAA UGUCUCU	2	Medium			5q35.3
LOC401471	401471	XM_379595	0		YES	Increased	J-029346-05 J-029346-06 J-029346-07 J-029346-08	GAGUUGA GCAAUUC GCAUGUU GGAAGAA	1	Weak+			8q22.3
LOC90120	90120	XM_379680	1	Medium Medium Medium	YES	Decreased	J-029408-05 J-029408-06 J-029408-07 J-029408-08	GCUUCAU GGUGCGA CCUCAUU ACAACAAC	3	Cytotoxic Bypass	Weak+		9q34.3
LRR34	151827	NM_153353	3	Medium Medium Weak	YES YES YES	Decreased Increased	J-016744-09 J-016744-10 J-016744-11 J-016744-12	CUACAUAA GAUGAGG CGUUGUC GGUUUGG	2	Strong			3q26.2
MGC13204	83695	NM_031465	4	Medium Weak+ Medium Weak+	YES	Decreased Decreased	J-014736-09 J-014736-10 J-014736-11 J-014736-12	GCGAGAC CGAGAGU CGAGGAC GUUCAGA	2	Cytotoxic	Did not score	YES	12p13.33
MGC16943	112479	NM_080663	0			Increased	J-015252-09 J-015252-10 J-015252-11 J-015252-12	GCAAAUG GAGAAA AAUAGAA GCGGCAG	3	Strong			16p12.2
MGC26710	150280	NM_152510	0			Decreased Decreased	J-016850-09 J-016850-10 J-016850-11 J-016850-12	GAAAAGA GUGUUCU CCAAUAG CCAAUUC	1	Weak+			22q12.2
MLLT4	4301	NM_005936	1	Weak+	YES	Increased	J-020075-05 J-020075-06 J-020075-07 J-020075-08	UGAGAAA GAACGAA CCAAUUG GUUAAGG	3	Weak+		YES	6q27

MYST2	11143	NM_007067	3	Weak Medium Weak+			Increased Increased	J-017668-05 J-017668-06 J-017668-07 J-017668-08	GAACCGA GAGGGAA UAGGACA GGCAAGA	1	Cytotoxic	Did not score	YES	17q21.32
NARF	26502	NM_012336	2	Medium Weak+		YES YES YES	Increased Increased	J-012465-09 J-012465-10 J-012465-11 J-012465-12	CGACGAU CAGACGG GGCGCU GUGAAGG	2	Cytotoxic Bypass	Did not score	YES	17q25.3
NRF1	4899	NM_005011	1	Weak		YES	Decreased Decreased Decreased	J-017924-05 J-017924-06 J-017924-07 J-017924-08	GAAACGG UAGUAUA CACAUUG GCUAUUG	3	Strong			7q32
NYD-TSP1	84654	NM_032567	0				Increased	J-015845-09 J-015845-10 J-015845-11 J-015845-12	GAAAUAA AUAAUGA GCACAGA GCAGAAC	2	Weak+			5q14.1
PAPLN	89932	XM_370765	3	Weak Weak Weak+			Increased Increased	J-030307-05 J-030307-06 J-030307-07 J-030307-08	GCACGCU GGAGAGU GGCCAAC GGAGCGG	3	Weak			14q24.2
PDE6D	5147	NM_002601	1	Weak Weak+		YES YES	Increased Increased Increased	J-004310-09 J-004310-10 J-004310-11 J-004310-12	AUCCUA GAAGUA GCAAGCG UAAAUUG	2	Medium			2q35-q36
PHGDHL1	337867	NM_177967	2	Weak Weak+			Increased	J-017914-09 J-017914-10 J-017914-11 J-017914-12	CCUUUAC CAAAUGA GCACAAG AGGAAGU	0	Strong			13q32.3
PLS1	5357	NM_002670	0			YES	Increased Increased	J-011356-09 J-011356-10 J-011356-11 J-011356-12	CUACAAG CAGCAAA AGGAUUU GGUCAAC	2	Strong			3q23
PPARBP	5469	NM_004774	0			YES YES	Decreased Decreased Decreased Decreased	J-004126-10 J-004126-11 J-004126-12 J-004126-13	GAAUAAU UCUCUAU CCCAGUA AAUAGAC	2	Medium		YES	17q12-q21.1
PPM1A	5494	NM_021003	0				Increased Increased	J-009574-06 J-009574-07 J-009574-08 J-009574-09	GUUCUA GAUGAAC GGACUUG UCACCAU	2	Weak			14q23.1
PPM1L	151742	NM_139245	0			YES	Increased	J-008679-05 J-008679-06 J-008679-07 J-008679-08	GAGCAUA GGAGGAC GAGAGCA GGCACAA	2	Medium			3q26.1
PRICKLE2	166336	NM_198859	1	Weak		YES	Decreased	J-023495-05 J-023495-06 J-023495-07 J-023495-08	GGAAGAG CAGGAGA CAAAGAC GCGAUGA	2	Medium			3p14.1
PTPN21	11099	NM_007039	0				Increased Increased	J-009379-06 J-009379-07 J-009379-08 J-009379-09	GAGAAGA GAGCGUG GCACCA GUUCGAC	1	Weak+			14q31.3
RAP1B	5908	NM_015646	1	Medium Weak Medium		YES	Decreased	J-010364-06 J-010364-07 J-010364-08 J-010364-09	AAAAUAC GGACAAG GACCUAG CAGCUGC	2	Medium			12q14
RARRES3	5920	NM_004585	3	Weak Weak+ Medium		YES YES	Increased	J-011889-06 J-011889-07 J-011889-08 J-011889-09	CGAAGGA UAUAGGA UGGCAAG GCAGGAA	2	Weak+			11q23
RBBP8	5932	NM_002894	3	Weak Weak Weak+		YES	Decreased Decreased	J-011376-05 J-011376-06 J-011376-07 J-011376-08	GGAGCUA GAGGUUA GAACAGA GCACGUU	2	Cytotoxic Bypass	Did not score	YES	18q11.2

RBMS1	5937	NM_002897	2	Medium Medium		YES	Decreased	J-011377-05 J-011377-06 J-011377-07 J-011377-08	GAUGCAA GAAUGAC GAAGCUC GAACCUU	1	Medium			2q24.2
RFX2	5990	NM_000635	0			YES YES	Increased Decreased	J-011129-05 J-011129-06 J-011129-07 J-011129-08	UGACACA GAACAGC GCACAGC GAGAGAC	2	Medium			19p13.3- p13.2
RNF125	54941	NM_017831	0			YES	Decreased	J-007005-05 J-007005-06 J-007005-07 J-007005-08	GAUUAUA UUAGACC GCAGCAA UUUUAUA	1	Weak+			18q12.1
SHFM1	7979	NM_006304	4	Medium Medium Weak+ Strong		YES YES YES YES	Decreased Decreased Decreased Decreased	J-021353-05 J-021353-06 J-021353-07 J-021353-08	GUUUAUA AGACUGG GUUACGA CAAUGUA	3	Medium			7q21.3- q22.1
SMARCAD1	56916	NM_020159	3	Weak Weak+ Medium			Decreased Increased	J-013801-05 J-013801-06 J-013801-07 J-013801-08	CCACACA GAGGAUG GGCCAAU GCACGUA	1	Weak+	YES		4q22-q23
SMARCD2	6603	NM_003077	1	Weak Weak+		YES	Increased Increased	J-011393-05 J-011393-06 J-011393-07 J-011393-08	GGGAGUA GAGACGA GAACAGG GGAUCUA	1	Weak+			17q23-q24
SMARCD3	6604	NM_003078	1	Weak Weak+		YES YES	Increased	J-009459-06 J-009459-07 J-009459-08 J-009459-09	GAAGAAG UGACAGA GGCAGUA GAUCAAA	1	Weak			7q35-q36
SMC5L1	23137	NM_015110	0			YES	Increased	J-014117-09 J-014117-10 J-014117-11 J-014117-12	CGAAUAU GAAAGAA GAAACUU GAACAGG	1	Medium			9q21.11
STK22D	83942	NM_032028	0				Increased	J-005038-10 J-005038-11 J-005038-12 J-005038-13	CCAGCAA GGAUGAC GGACGAA GAAGUUC	2	Medium			5q22.2
SYT14L	83851	NM_031914	0				Increased Increased Increased	J-014750-09 J-014750-10 J-014750-11 J-014750-12	AGGCGUA CGUUGAU GGUCAAG UCCGAAA	3	Weak+			14q23.2
TOPBP1	11073	NM_007027	1	Strong		YES YES YES	Decreased Decreased	J-012358-08 J-012358-09 J-012358-10 J-012358-11	ACAAUAU ACACUAU GAGCCGA CCACAGU		Did not score	YES		3q22.1
TXNDC2	84203	NM_032243	1	Weak		YES YES	Increased	J-018662-09 J-018662-10 J-018662-11 J-018662-12	CAGCCCA GGACAAG AGCAGUC ACAGGAG	2	Cytotoxic	Did not score		18p11.31- p11.2
USP11	8237	NM_004651	0				Increased Decreased	J-006063-05 J-006063-06 J-006063-07 J-006063-08	GCGCACA GAGAAGC GGACCGU GAAGAAG	1	Medium			Xp11.23
WDHD1	11169	NM_007086	0			YES	Decreased	J-019780-09 J-019780-10 J-019780-11 J-019780-12	CUUGUAU UUGUAAA CAGAAGG GGUUAUA	2	Cytotoxic Bypass	Did not score	YES	14q22.3
WDR40B	139170	NM_178470	0				Decreased Decreased Decreased	J-017873-09 J-017873-10 J-017873-11 J-017873-12	GAGCUAA CUUAAGA GAAUUAU CAUUCCA	2	Medium			Xq25
ZNF307	387032	NM_019110	0				Decreased Increased	J-032209-09 J-032209-10 J-032209-11 J-032209-12	AGUCAGG CACUAUA CCGAGAA GAGAGAA	2	Medium	YES		6p21.33- p21.31

ZNF514	84874	NM_032788	0			YES	Increased	J-014996-09 GAUCAGAG J-014996-10 CGGUUGU J-014996-11 GAUCAGU J-014996-12 CGUUAGA	1	Medium		2q11.1
ZNF585A	199704	NM_152655	0			YES YES YES	Increased	J-016432-09 CCUAAGA J-016432-10 GAACAAU J-016432-11 GGGAAGA J-016432-12 CAAGAAA	1	Weak+		19q13.12
ZNF616	90317	XM_030892	0				Decreased	J-023805-09 CAGCAUA J-023805-10 UGACAAG J-023805-11 UGAGAAA J-023805-12 CGGAGAA	2	Weak+		19q13.33