Periostin cooperates with mutant p53 to mediate invasion through the induction of STAT1 signaling in the esophageal tumor microenvironment

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Keywords: tumor microenvironment, periostin, mutant p53, STAT1, invasion

Running title: Periostin and tumor invasion

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Conflict of Interest: The authors have declared that no conflicts of interest exist.

Supplementary Information

Supplementary Figure S1: (a) Representative images of immunohistochemical staining of proliferative marker Ki67 in tumors formed *in vivo* by TE-11 cancer cells stably transfected with lentiviral doxycycline-inducible non-specific targeting shRNA (shNS) or shRNA specific to POSTN (shPOSTN) vectors. Left panels represent tumors that were not induced with doxycycline and right panels represent tumors induced with doxycycline (2 µg/mL). (b) Representative images of immunohistochemical staining of proliferative marker Ki67 in tumors formed *in vivo* by HCE4 cancer cells stably transfected with lentiviral doxycycline-inducible non-specific targeting shRNA (shNS) or shRNA specific to POSTN (shPOSTN) vectors. Left panels represent tumors that were not induced with doxycycline and right panels represent tumors induced with doxycycline (2 µg/mL). Scale bars are 100 µM.

Supplementary Figure S2: H & E staining of EPC-hTERT-p53^{R175H} and EPC-hTERT-EGFR cells grown in organotypic culture and treated with recombinant periostin (Control, 50 ng/mL, 100 ng/mL). Treatment of EPC-hTERT-EGFR cells with increasing doses of recombinant periostin show no differences in invasion whereas treatment of EPC-hTERT-p53^{R175H} cells with recombinant periostin shows increased invasion into ECM at the highest concentration of recombinant periostin.

Supplementary Figure S3: Western blot analysis of periostin (POSTN) expression in 30 µg of conditioned media harvested on day 13 and 15 from organotypic cultures of EPC-hTERT-p53^{R175H}-neo and EPC-hTERT-p53^{R175H}-POSTN cells treated with 5-iminodaunorubicin (3 µM).

Supplementary Figure S4: Network of genes whose expression is specific to expression of POSTN and known to be regulated by STAT1. Up- and down-regulated genes in POSTN-

overexpressed cell indicated in red and green respectively. Intensity of color represents magnitude of changes. Each line and arrow represents direction of regulation demonstrated in the literature. Solid and dot lines represent direct and indirect regulation respectively.

Supplementary Figure S5: Western blot analysis of phospho-STAT1 (Tyr 701) and total STAT1 expression in EPC-hTERT-EGFR-POSTN cells and its control EPC-hTERT-EGFR-zeo-neo cells as well as EPC-hTERT-p53^{R175H}-POSTN cells and its control EPC-hTERT-p53^{R175H}-neo cells. GAPDH was used as a loading control.

Supplementary Figure S6: qRT-PCR data showing decrease in relative mRNA expression of STAT1-related genes (*STAT1, DUOXA2, IL-12, IDO1, CXCL5, IFI6*) in EPC-hTERT-p53^{R175H}-POSTN and EPC-hTERT-EGFR-p53^{R175H} cells with knockdown of STAT1 using two independent shRNAs targeted against STAT1 compared to their respective non-specific scrambled control cell lines. *p-value<0.05 (Student's t-test). Experiments performed in triplicate.

Supplementary Figure S7: Elevated STAT1 expression in gene expression dataset of a cohort of 53 paired ESCC samples compared to corresponding adjacent, normal control tissues. **p-value<0.001. (Student's t-test).

Supplementary Figure S8: qRT-PCR data showing decrease in relative mRNA expression of STAT1-related genes (*STAT1, DUOXA2, IL-12, IDO1, IFI6*) in tumors formed *in vivo* by (a) TE-11 cancer cells stably transfected with lentiviral doxycycline-inducible non-specific targeting shRNA (shNS) or shRNA specific to POSTN (shPOSTN) vectors and (b) tumors formed *in vivo* by HCE4 cancer cells stably transfected with lentiviral doxycycline-inducible non-specific

targeting shRNA (shNS) or shRNA specific to POSTN (shPOSTN) vectors. *p-value<0.05 (Student's t-test). Experiments performed in triplicate.

Supplementary Figure S9: Schematic demonstrating relationship between POSTN, mutant p53 and STAT1 in mediating tumor invasion within the microenvironment. POSTN is secreted upon malignant transformation of esophageal cells by EGFR overexpression and mutant p53 and can act in paracrine manner upon fibroblasts as well as in an autocrine manner upon tumor cells to produce more POSTN to promote tumor cell invasion. However, POSTN cooperates with mutant p53 to mediate its invasive properties by activation of STAT1 and upregulation of STAT1-related genes to promote EMT and consequent tumor invasion.

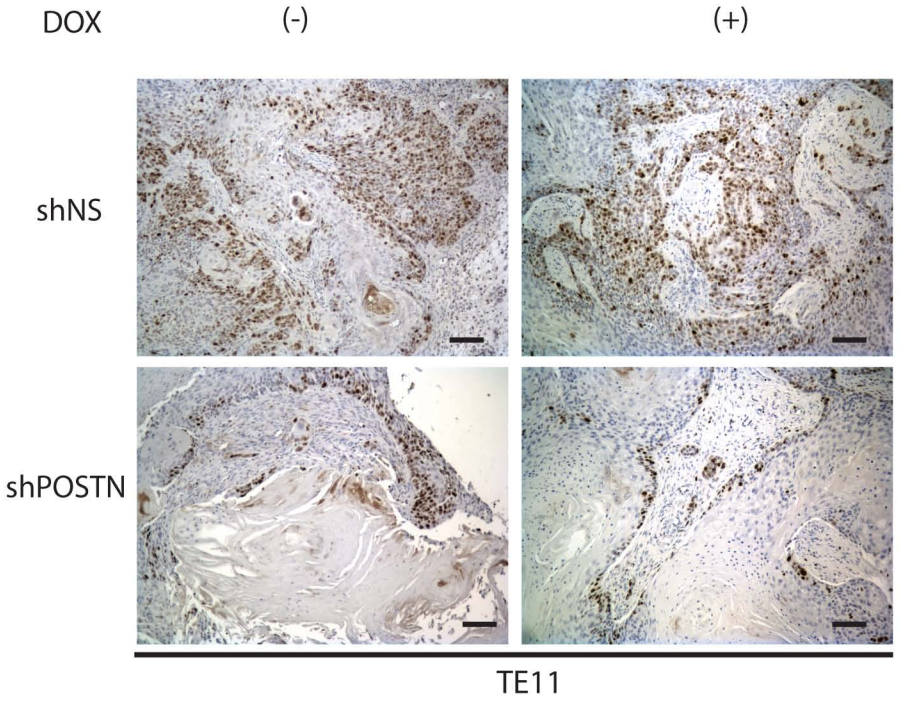
Supplementary Figure S10: (a) FACS analysis of $CD44^{hi}CD24^{lo}$ tumor initiating cell (TIC) population from tumor cells isolated from TE-11 shNS and shPOSTN xenograft tumors induced with doxycycline (2 µg/mL). (b) Quantification of TIC population in TE-11 shPOSTN tumor xenografts (n=2) versus control TE-11 shNS tumor xenografts (n=5). Error bars represent SEM.

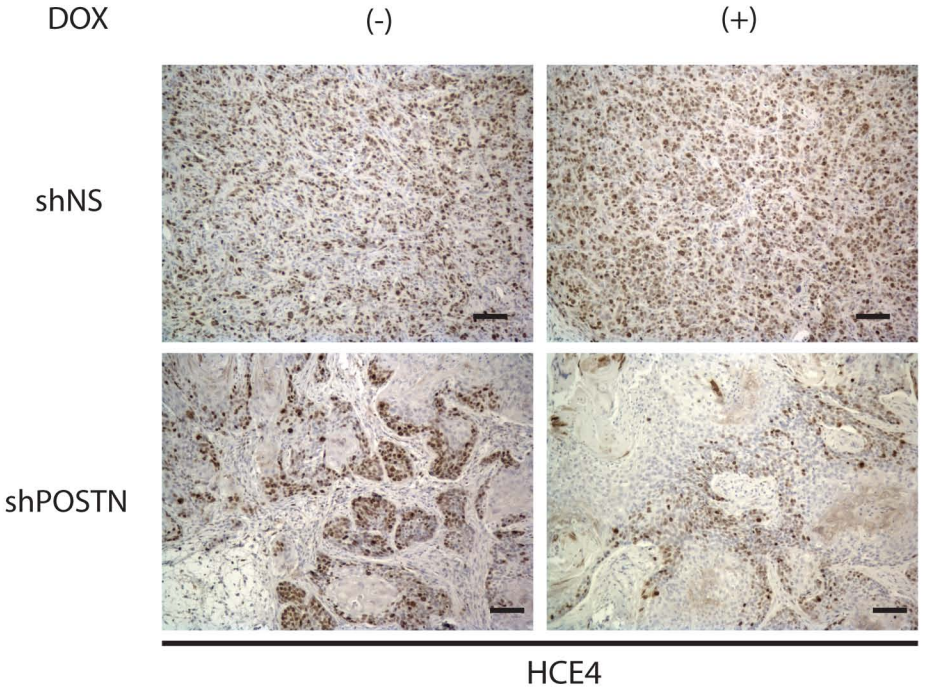
Supplementary Table 1: Full list of genes differentially expressed in EPC-hTERT-$p53^{R175H}$-POSTN cells compared to EPC-hTERT/EPC-hTERT-$p53^{R175H}$-neo cells.

Supplementary Table 2: Gene list of STAT1 regulated genes differentially expressed in EPC-hTERT-$p53^{R175H}$-POSTN cells determined by Ingenuity Process Analysis.

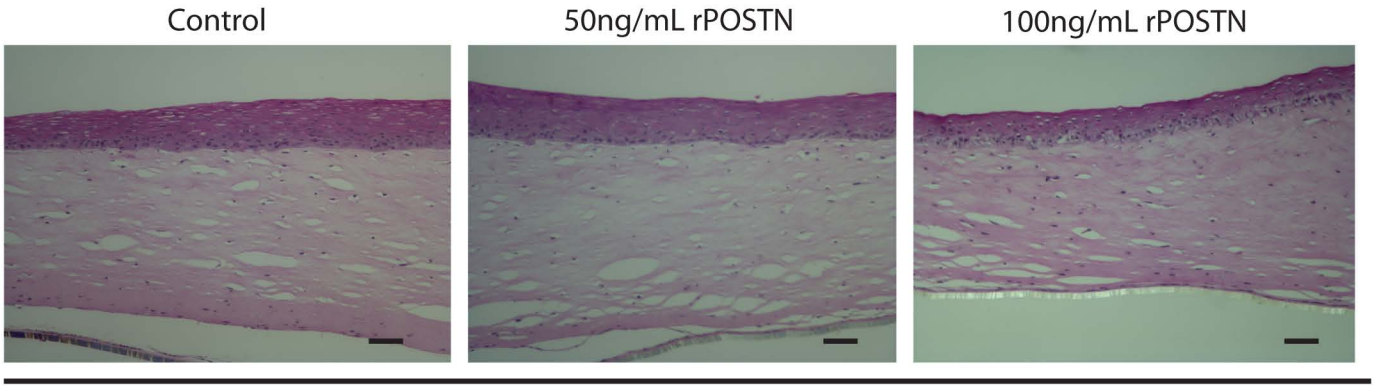
Supplementary Table 3: Primer sequences for STAT1-related genes and Taqman® Gene Expression Assays

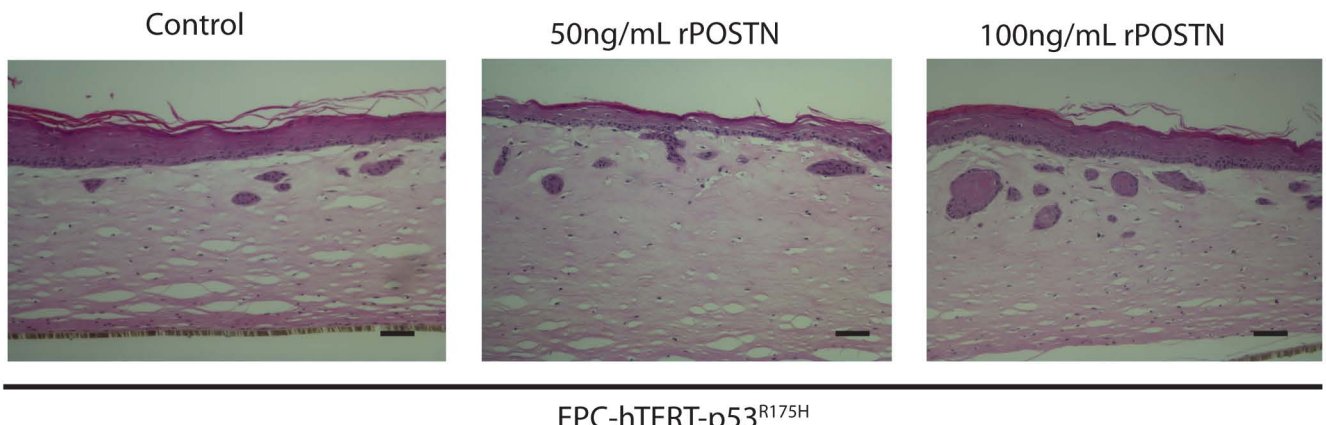
SUPPLEMENTARY FIGURE S1



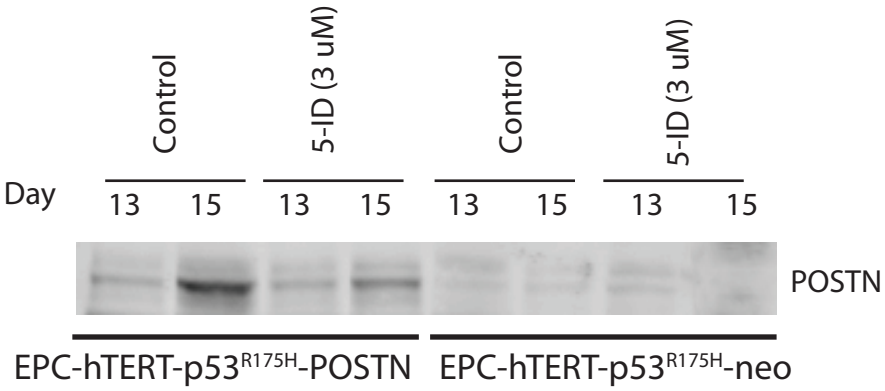


SUPPLEMENTARY FIGURE S2

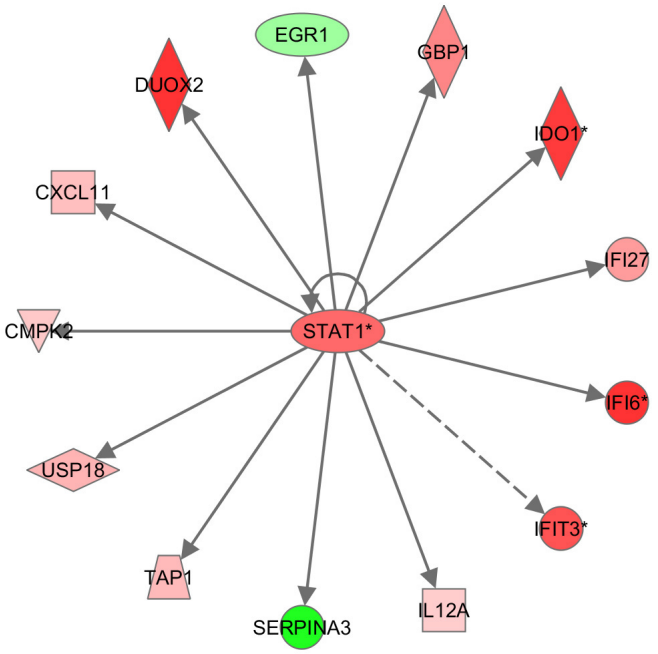




SUPPLEMENTARY FIGURE S3



SUPPLEMENTARY FIGURE S4



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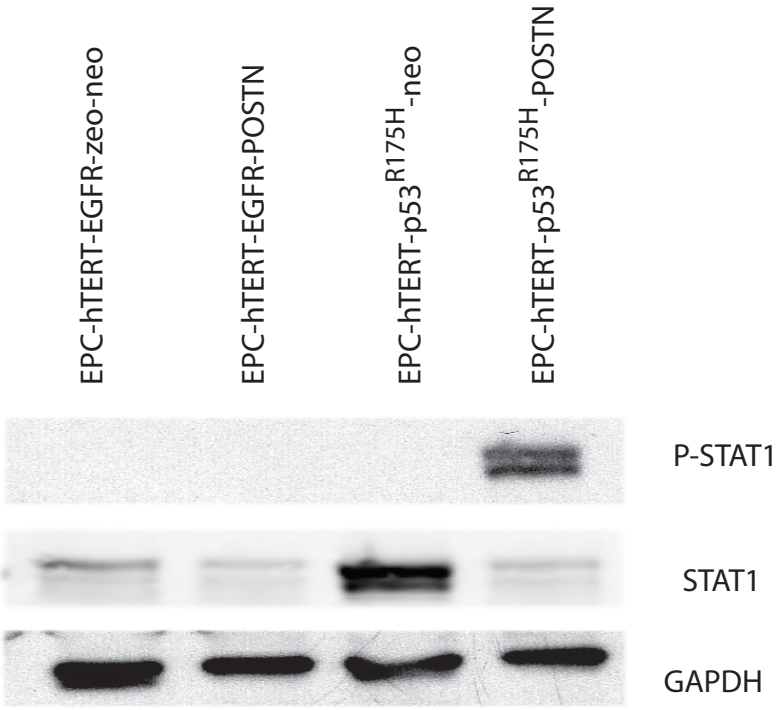
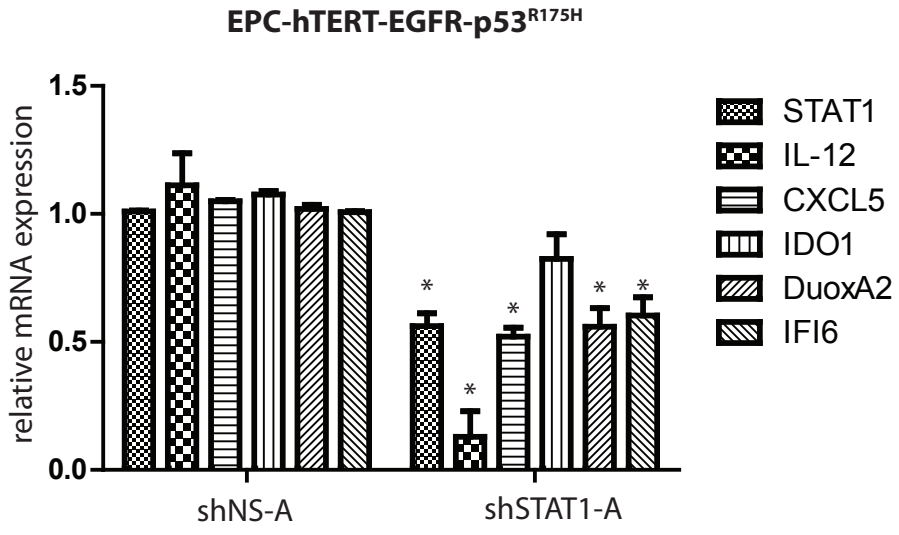
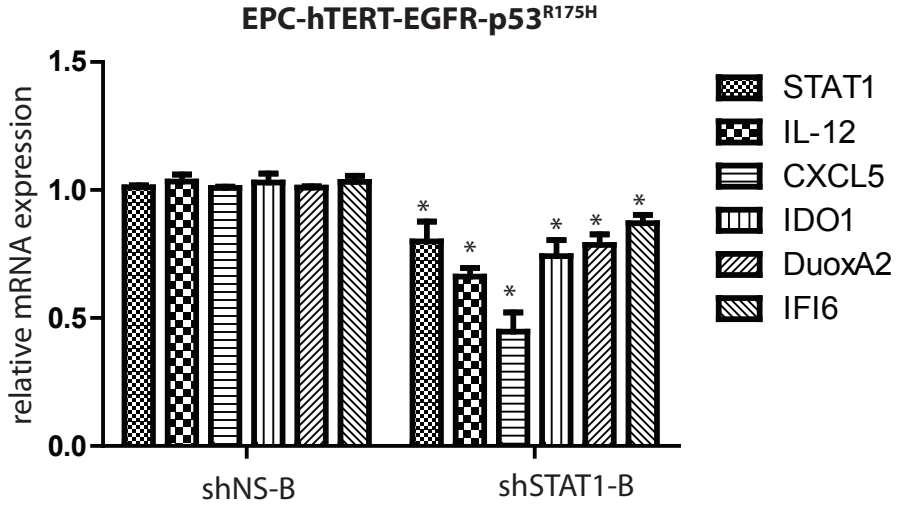


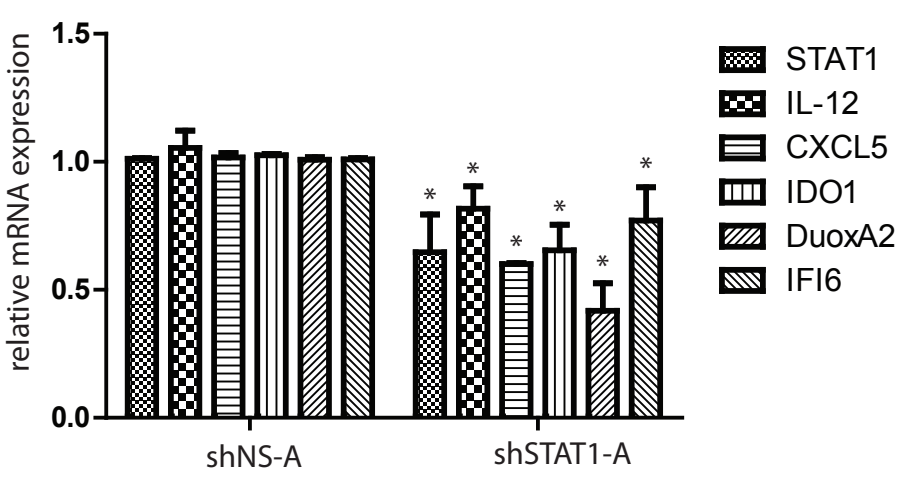
SUPPLEMENTARY FIGURE S6

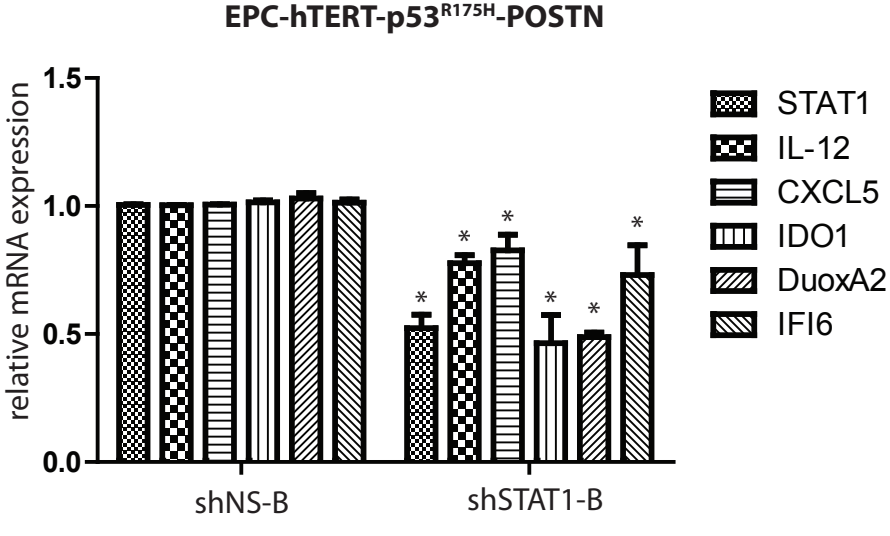
A





B





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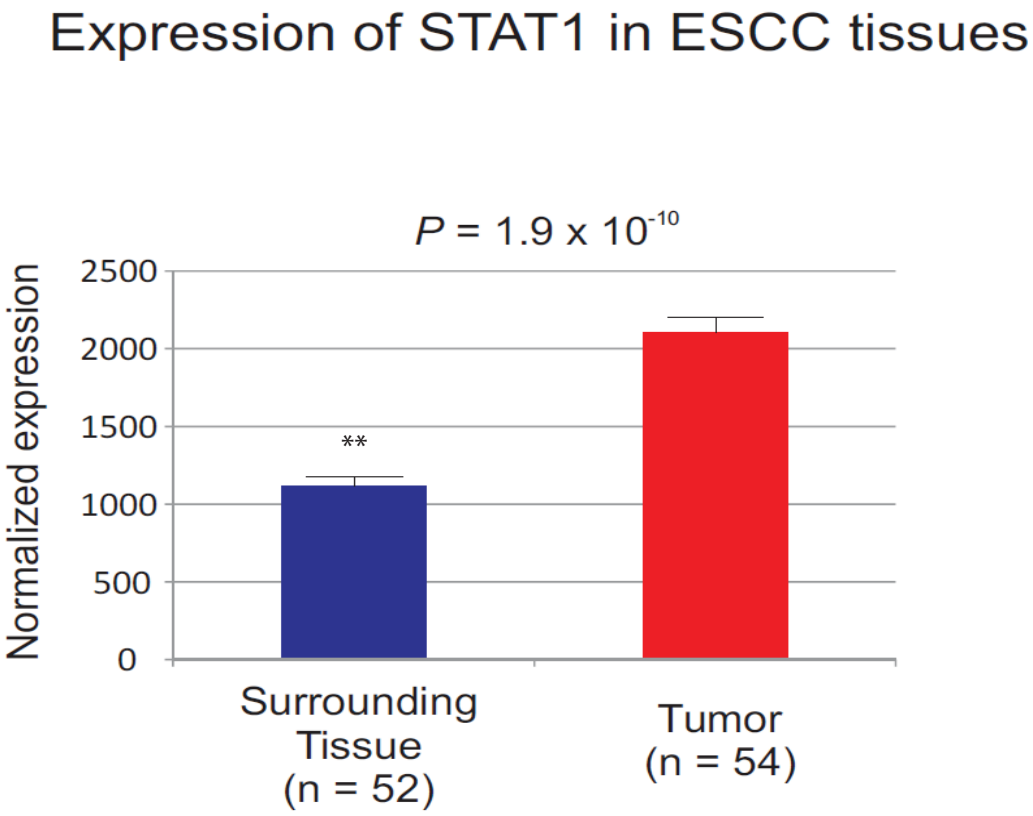
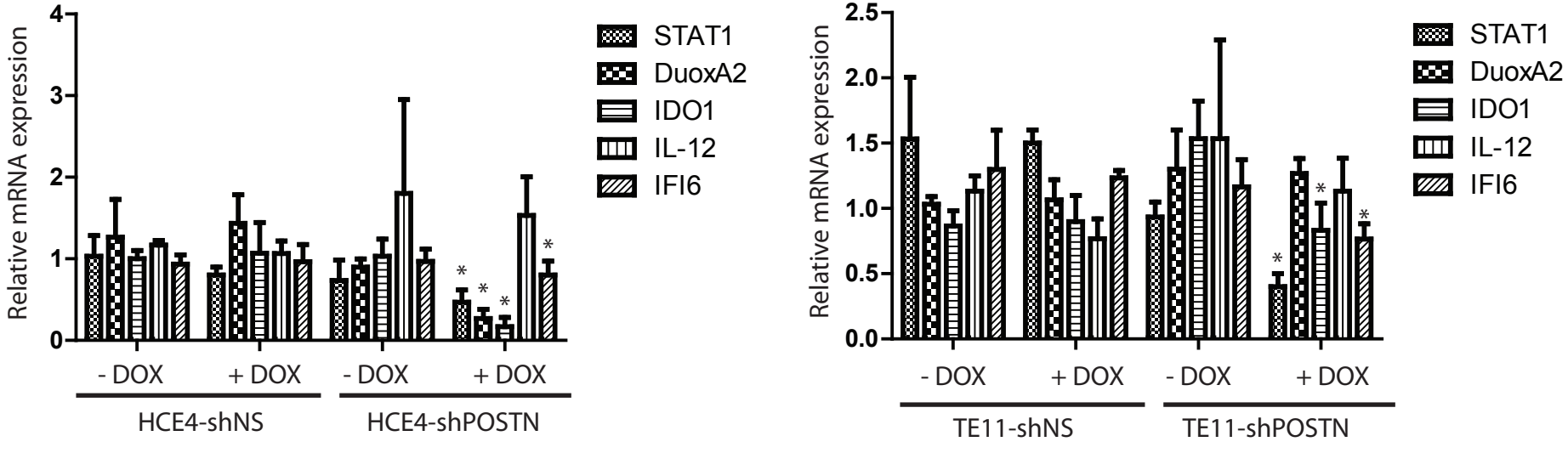


SUPPLEMENTARY FIGURE S8



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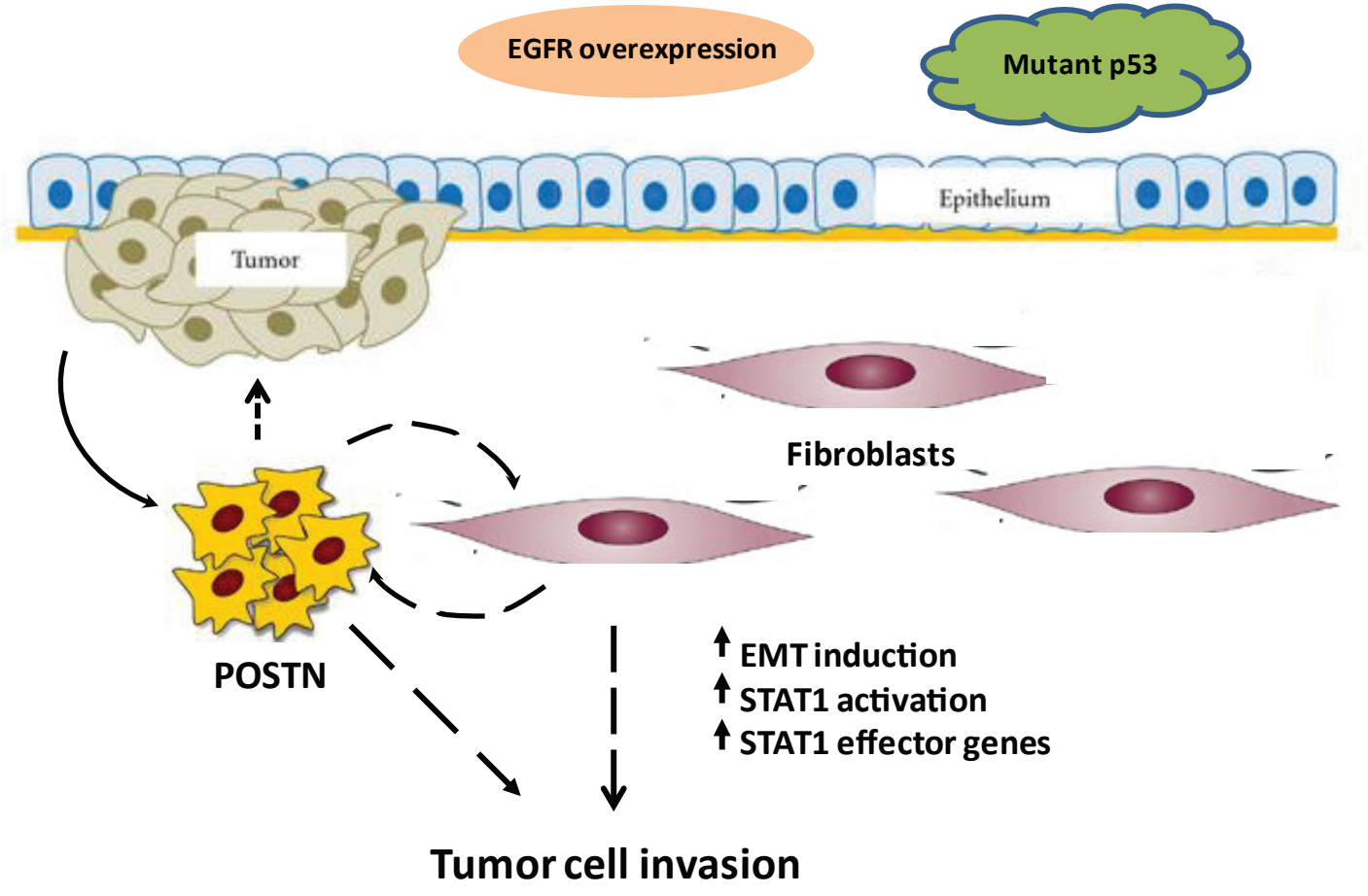
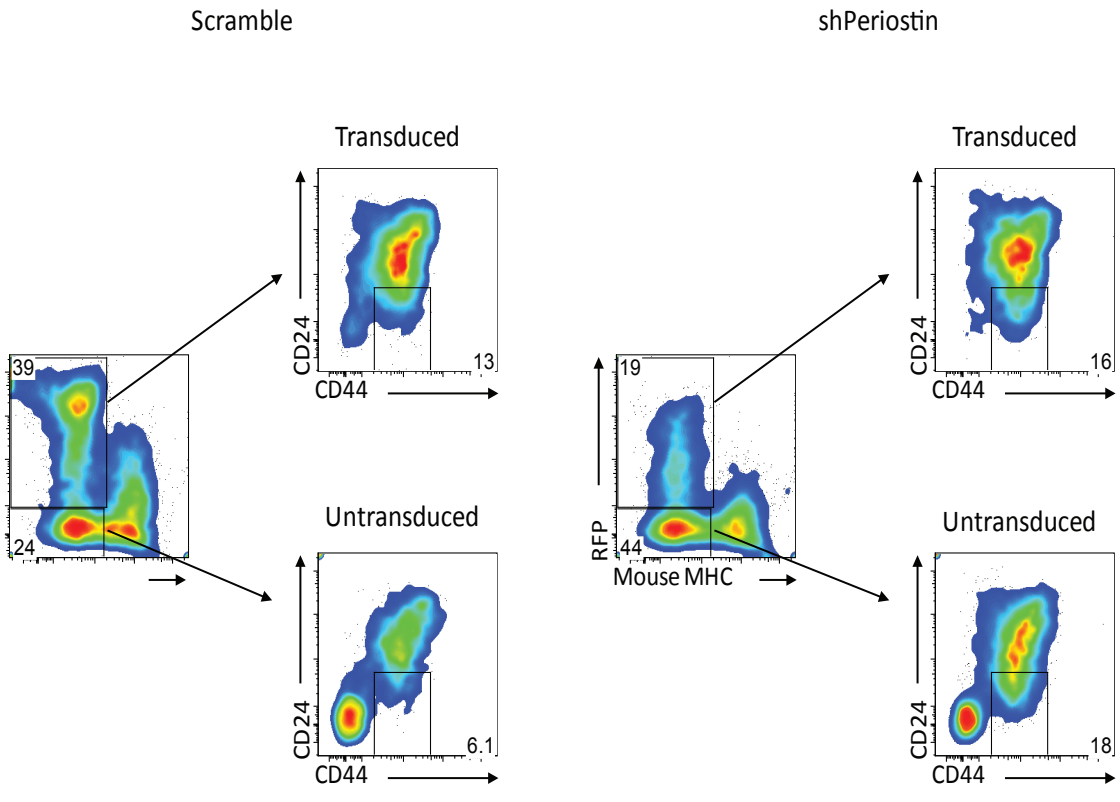


SUPPLEMENTARY FIGURE S10

A



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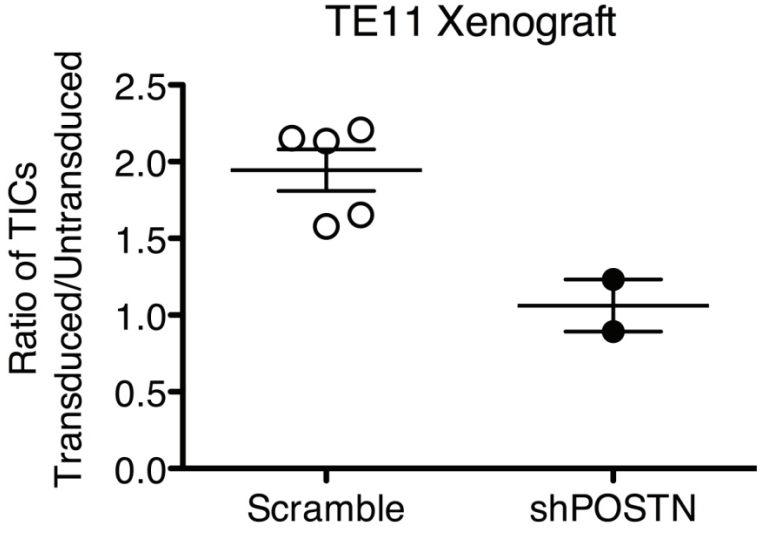

Supplementary Table 1: Full Gene list of corresponding to EPC-hTERT-p53^{R175H}-POSTN cells versus EPC

UNIQID	NAME	SYMBOL	SEARCH_KE	ILMN_GEN	CHROMOS	DEFINITION	SYNONYMS	REFSEQ_ID
ILMN_179(	POSTN ||H	POSTN	NM_00647	POSTN	13	Homo sapi	MGC11951	NM_00647
ILMN_1791	DUOXA2 ||DUOXA2		NM_20758	DUOXA2	15	Homo sapiens dual oxi		NM_20758
ILMN_178(	DUOX2 ||H	DUOX2	NM_01408	DUOX2	15	Homo sapi	P138-TOX;	NM_01408
ILMN_172(	FAM3D ||H	FAM3D	NM_13880	FAM3D	3	Homo sapi	EF7; OIT1	NM_13880
ILMN_2347	IFI6 ||Hom	IFI6	NM_02287	IFI6	1	Homo sapi	IFI-6-16; 6-	NM_02287
ILMN_175(	RPTN ||PR	RPTN	XM_37131	RPTN		PREDICTED: Homo sap		XM_93720(
ILMN_165(	INDO ||Ho	INDO	NM_00216	INDO	8	Homo sapi	CD107B; ID	NM_00216
ILMN_325(	LOC10012(	LOC10012(	XM_00172	LOC10012(	19	PREDICTED: Homo sap		XM_00172(
ILMN_172(	BST2 ||Hor	BST2	NM_00433	BST2	19	Homo sapi	CD317	NM_00433
ILMN_175(	CTSK ||Hor	CTSK	NM_00039	CTSK	1	Homo sapi	CTSO2; CTS	NM_00039
ILMN_323(	IDO1 ||Hor	IDO1	NM_00216	IDO1	8	Homo sapi	CD107B; ID	NM_00216
ILMN_223(	IFIT3 ||Hor	IFIT3	NM_00154	IFIT3	10	Homo sapi	IRG2; RIG-(	NM_00154
ILMN_173(	CAPN5 ||H	CAPN5	NM_00405	CAPN5	11	Homo sapi	HTRA3; FLJ	NM_00405
ILMN_169(	STAT1 ||H(	STAT1	NM_13926	STAT1	2	Homo sapi	ISGF-3; STA	NM_00731
ILMN_320(	LOC64563(	LOC64563(	XR_040455	LOC645638		PREDICTED: Homo sap		XR_040455
ILMN_170(	SLC6A14 ||SLC6A14		NM_00723	SLC6A14	X	Homo sapi	OBX; ATB((	NM_00723
ILMN_167(	OAS1 ||Ho	OAS1	NM_01681	OAS1	12	Homo sapi	OIAS; IFI-4;	NM_01681
ILMN_179(	SAMD9L ||SAMD9L		NM_15270	SAMD9L	7	Homo sapi	FLJ39885; I	NM_15270
ILMN_235(	C6orf205 | C6orf205		NM_00101	C6ORF205	6	Homo sapi	MGC12560	NM_00101
ILMN_212(	MUC16 ||H	MUC16	NM_02469	MUC16	19	Homo sapi	CA125; FLJ	NM_02469
ILMN_174(	KYNU ||Ho	KYNU	NM_00393	KYNU	2	Homo sapiens kynuren		NM_00393
ILMN_207(	C1orf116 | C1orf116		NM_02393	C1ORF116	1	Homo sapi	MGC4309;	NM_02393
ILMN_169(	STAT1 ||H(	STAT1	NM_13926	STAT1	2	Homo sapi	ISGF-3; STA	NM_13926
ILMN_324(	MUC21 ||H	MUC21	NM_00101	MUC21	6	Homo sapi	MGC12560	NM_00101
ILMN_179(	DDX60 ||H	DDX60	NM_01763	DDX60	4	Homo sapi	FLJ20035; I	NM_01763
ILMN_236(	KRT80 ||H(	KRT80	NM_18250	KRT80	12	Homo sapi	KB20	NM_18250
ILMN_171(	LOC38959(	LOC38959(	XM_37200	LOC389599		PREDICTED: Homo sap		XM_00113(
ILMN_180(	C10orf99 | C10orf99		NM_20737	C10ORF99	10	Homo sapi	FLJ21763; I	NM_20737
ILMN_179(	DSG1 ||Ho	DSG1	NM_00194	DSG1	18	Homo sapi	CDHF4; DG	NM_00194
ILMN_169(	GPD1L ||H	GPD1L	NM_01514	GPD1L	3	Homo sapi	KIAA0089	NM_01514
ILMN_165(	HERC6 ||H	HERC6	NM_00101	HERC6	4	Homo sapi	FLJ20637	NM_01791
ILMN_214(	GBP1 ||Ho	GBP1	NM_00205	GBP1	1	Homo sapiens guanyla		NM_00205
ILMN_170(	C6orf205 | C6orf205		NM_00101	C6ORF205	6	Homo sapi	MGC12560	NM_00101
ILMN_166(	ATP6V1C2	ATP6V1C2	NM_14458	ATP6V1C2	2	Homo sapi	VMA5; ATP	NM_14458
ILMN_217(	CXCL5 ||H(	CXCL5	NM_00299	CXCL5	4	Homo sapi	ENA-78; SC	NM_00299
ILMN_223(	MX2 ||Hor	MX2	NM_00246	MX2	21	Homo sapi	MXB	NM_00246
ILMN_168(	DCN ||Hon	DCN	NM_00192	DCN	12	Homo sapi	PGII; DSPG(	NM_00192
ILMN_241(	OAS1 ||Ho	OAS1	NM_00103	OAS1	12	Homo sapi	OIAS; OIAS	NM_00103
ILMN_166(	GCNT1 ||H	GCNT1	NM_00149	GCNT1	9	Homo sapi	NACGT2; C	NM_00109
ILMN_232(	EYA2 ||Hor	EYA2	NM_17211	EYA2	20	Homo sapi	MGC10614	NM_17211
ILMN_166(	IFIT3 ||Hor	IFIT3	NM_00103	IFIT3	10	Homo sapi	ISG60; IFIT(	NM_00103
ILMN_176(	IFI44 ||Hor	IFI44	NM_00641	IFI44	1	Homo sapi	p44; MTAP	NM_00641
ILMN_189(	||hx21e11.y1 Human		Hs.171481	HS.171481	2	hx21e11.y1 Human primary huma		

ILMN_1687	IFI6 ||Hom	IFI6	NM_00203	IFI6		1	Homo sapi	IFI-6-16; 6-	NM_02287
ILMN_1788	HSH2D ||H	HSH2D	NM_03285	HSH2D		19	Homo sapi	HSH2; ALX;	NM_03285
ILMN_1797	F3 ||Homo	F3	NM_00199	F3		1	Homo sapi	TF; TFA; CD	NM_00199
ILMN_1766	SLC2A12 ||	SLC2A12	NM_14517	SLC2A12		6	Homo sapi	GLUT12; GI	NM_14517
ILMN_2053	PARP9 ||H	PARP9	NM_03145	PARP9		3	Homo sapi	DKFZp666E	NM_03145
ILMN_1657	MGLL ||Ho	MGLL	NM_00728	MGLL		3	Homo sapi	MGL; HU-K	NM_00728
ILMN_2396	ABLIM1 ||I	ABLIM1	NM_00100	ABLIM1		10	Homo sapi	KIAA0059;	NM_00100
ILMN_2058	IFI27 ||Hor	IFI27	NM_00553	IFI27		14	Homo sapi	FAM14D; P	NM_00553
ILMN_1662	MX1 ||Hor	MX1	NM_00246	MX1		21	Homo sapi	MxA; IFI78;	NM_00246
ILMN_1675	OAS1 ||Ho	OAS1	NM_00103	OAS1		12	Homo sapi	OIAS; OIAS	NM_00103
ILMN_1804	BEXL1 ||PF	BEXL1	XM_93646	BEXL1			PREDICTED: Homo sap		XM_93646
ILMN_1701	STRADB ||	STRADB	NM_01857	STRADB		2	Homo sapi	ILPIPA; ILPI	NM_01857
ILMN_1655	NUCB2 ||H	NUCB2	NM_00501	NUCB2		11	Homo sapi	NEFA	NM_00501
ILMN_1728	ALDH3B1 |	ALDH3B1	NM_00103	ALDH3B1		11	Homo sapi	FLJ26433; A	NM_00069
ILMN_1745	ZNFX1 ||H	ZNFX1	NM_02103	ZNFX1		20	Homo sapi	MGC13192	NM_02103
ILMN_2388	EPSTI1 ||H	EPSTI1	NM_03325	EPSTI1		13	Homo sapi	BRESI1; MC	NM_03325
ILMN_2189	MRPS35 ||	MRPS35	NM_02182	MRPS35		12	Homo sapi	MGC10427	NM_02182
ILMN_1658	SLC44A3 ||	SLC44A3	NM_15236	SLC44A3		1	Homo sapi	CTL3; MGC	NM_15236
ILMN_1737	KYNU ||Ho	KYNU	NM_00393	KYNU		2	Homo sapiens kynuren		NM_00103
ILMN_1685	UPK2 ||Ho	UPK2	NM_00676	UPK2		11	Homo sapi	MGC13859	NM_00676
ILMN_1709	RNF170 ||I	RNF170	NM_03095	RNF170		8	Homo sapi	FLJ38306; I	NM_03095
ILMN_1655	ERP27 ||H	ERP27	NM_15232	ERP27		12	Homo sapi	ERp27; FLJ	NM_15232
ILMN_3200	LOC399988	LOC399988	XR_018287	LOC399988			PREDICTED: Homo sap		XR_018287
ILMN_1686	HSPA8 ||H	HSPA8	NM_00659	HSPA8		11	Homo sapi	MGC13151	NM_00659
ILMN_1801	PSG9 ||Ho	PSG9	NM_00278	PSG9		19	Homo sapi	PSG11	NM_00278
ILMN_1800	GCA ||Hon	GCA	NM_01219	GCA		2	Homo sapi	GCL	NM_01219
ILMN_1674	OASL ||Ho	OASL	NM_00373	OASL		12	Homo sapi	p59OASL; T	NM_19821
ILMN_3275	LOC642567	LOC642567	XR_038054	LOC642567			PREDICTED: Homo sap		XR_038054
ILMN_2413	HSPA8 ||H	HSPA8	NM_15320	HSPA8		11	Homo sapi	MGC13151	NM_15320
ILMN_1731	PARP9 ||H	PARP9	NM_03145	PARP9		3	Homo sapi	DKFZp666E	NM_03145
ILMN_1771	RPL29 ||Ho	RPL29	NM_00099	RPL29		3	Homo sapi	HUMRPL29	NM_00099
ILMN_1706	PGAM4 ||H	PGAM4	NM_00102	PGAM4	X		Homo sapi	dJ1000K24	NM_00102
ILMN_1681	DYNLT3 ||I	DYNLT3	NM_00652	DYNLT3	X		Homo sapi	TCTE1L; TC	NM_00652
ILMN_1785	ABLIM1 ||I	ABLIM1	NM_00672	ABLIM1		10	Homo sapi	KIAA0059;	NM_00672
ILMN_1797	RFPL1S ||H	RFPL1S	NM_02102	RFPL1S		22	Homo sapiens RFPL1 a		NR_002727
ILMN_3219	LOC643384	LOC643384	XR_016363	LOC643384		4	PREDICTED: Homo sap		XR_016363
ILMN_3243	DDX60L ||I	DDX60L	NM_00101	DDX60L		4	Homo sapi	FLJ13468; I	NM_00101
ILMN_2374	DBNDD1 ||	DBNDD1	NM_00104	DBNDD1		16	Homo sapi	MGC3101;	NM_00104
ILMN_1694	PAQR8 ||H	PAQR8	NM_13336	PAQR8		6	Homo sapi	FLJ32521; I	NM_13336
ILMN_1683	FTH1 ||Ho	FTH1	NM_00203	FTH1		11	Homo sapi	MGC10442	NM_00203
ILMN_1655	TSPAN3 ||I	TSPAN3	NM_00572	TSPAN3		15	Homo sapi	TM4-A; TSF	NM_00572
ILMN_1691	HSP90AA1	HSP90AA1	NM_00534	HSP90AA1		14	Homo sapi	HSPCAL4; H	NM_00101
ILMN_1730	FOLR3 ||H	FOLR3	NM_00080	FOLR3		11	Homo sapi	FR-gamma;	NM_00080
ILMN_3242	LOC10013(	LOC10013(	XM_00171	LOC100130707			PREDICTED: Homo sap		XM_00171
ILMN_1744	FUCA2 ||H	FUCA2	NM_03202	FUCA2		6	Homo sapi	MGC1314;	NM_03202
ILMN_1768	DCN ||Hon	DCN	NM_13350	DCN		12	Homo sapi	PGII; DSPG	NM_13350
ILMN_1725	CRYAB ||H	CRYAB	NM_00188	CRYAB		11	Homo sapi	CTPP2; HSF	NM_00188

ILMN_205	RTCD1 ||H	RTCD1	NM_00372	RTCD1		1	Homo sapi	RPC	NM_00372
ILMN_170	KRT80 ||H	KRT80	NM_18250	KRT80		12	Homo sapi	KB20	NM_18250
ILMN_165	GPR1 ||Ho	GPR1	NM_00527	GPR1		2	Homo sapiens G prote		NM_00109
ILMN_328	LOC34196	LOC34196	XR_039164	LOC341965			PREDICTED: Homo sap		XR_039164
ILMN_178	TMEM66 |	TMEM66	NM_01612	TMEM66		8	Homo sapi	FLJ22274; I	NM_01612
ILMN_168	PSG3 ||Ho	PSG3	NM_00278	PSG3		19	Homo sapiens pregnar		NM_02101
ILMN_168	LAP3 ||Ho	LAP3	NM_01590	LAP3		4	Homo sapi	LAP; LAPEP	NM_01590
ILMN_178	B3GALNT1	B3GALNT1	NM_00378	B3GALNT1		3	Homo sapi	GLCT3; P; C	NM_03316
ILMN_170	RPL13 ||H	RPL13	NM_03325	RPL13		16	Homo sapi	D16S444E;	NM_03325
ILMN_173	DBNDD2 ||	DBNDD2	NM_01847	DBNDD2		20	Homo sapi	HSMNP1; C	NM_00104
ILMN_166	SUCLA2 ||I	SUCLA2	NM_00385	SUCLA2		13	Homo sapi	A-BETA	NM_00385
ILMN_177	LOC64250	LOC64250	XM_92659	LOC642502		17	PREDICTED: Homo sap		XM_92659
ILMN_168	PGAM4 ||I	PGAM4	XM_92616	PGAM4	X		Homo sapi	dJ1000K24	NM_00102
ILMN_324	USP18 ||H	USP18	NM_01741	USP18		22	Homo sapi	ISG43; UBP	NM_01741
ILMN_230	UBE2A ||H	UBE2A	NM_18176	UBE2A	X		Homo sapi	UBC2; RAD	NM_18176
ILMN_212	F3 ||Homo	F3	NM_00199	F3		1	Homo sapi	TF; TFA; CD	NM_00199
ILMN_167	SBDS ||Ho	SBDS	NM_01603	SBDS		7	Homo sapi	FLJ10917; S	NM_01603
ILMN_220	CHPT1 ||H	CHPT1	NM_02024	CHPT1		12	Homo sapi	CPT1; CPT	NM_02024
ILMN_181	LOC65041	LOC65041	XM_93949	LOC650412			PREDICTED: Homo sap		XM_93949
ILMN_218	OAS3 ||Ho	OAS3	NM_00618	OAS3		12	Homo sapi	MGC13326	NM_00618
ILMN_235	ERBB2 ||H	ERBB2	NM_00444	ERBB2		17	Homo sapi	c-erb B2; C	NM_00444
ILMN_207	PPM1K ||H	PPM1K	NM_15254	PPM1K		4	Homo sapi	UG0882E0	NM_15254
ILMN_323	NCRNA000	NCRNA000	NR_02434	NCRNA000		16	Homo sapiens non-pro		NR_02434
ILMN_174	ELOVL7 ||I	ELOVL7	NM_02493	ELOVL7		5	Homo sapi	FLJ23563	NM_02493
ILMN_219	UNC93B1 |	UNC93B1	NM_03093	UNC93B1		11	Homo sapi	UNC93B; U	NM_03093
ILMN_212	MUM1L1 |	MUM1L1	NM_15242	MUM1L1	X		Homo sapi	MGC12999	NM_15242
ILMN_174	CTSL2 ||H	CTSL2	NM_00133	CTSL2		9	Homo sapi	CTSV; CATL	NM_00133
ILMN_180	SMAGP ||I	SMAGP	NM_00103	SMAGP		12	Homo sapi	MGC14945	NM_00103
ILMN_204	BNIP3L ||I	BNIP3L	NM_00433	BNIP3L		8	Homo sapi	BNIP3a; NI	NM_00433
ILMN_166	CPPED1 ||I	CPPED1	NM_01834	CPPED1		16	Homo sapi	CSTP1	NM_01834
ILMN_177	KLF4 ||Hor	KLF4	NM_00423	KLF4		9	Homo sapi	GKLF; EZF	NM_00423
ILMN_178	AMD1 ||H	AMD1	NM_00103	AMD1		6	Homo sapi	ADOMETD	NM_00103
ILMN_167	CPT2 ||Ho	CPT2	NM_00009	CPT2		1	Homo sapi	CPTASE; CP	NM_00009
ILMN_167	C1orf116 |	C1orf116	XM_92598	C1ORF116		1	Homo sapi	MGC4309;	NM_02393
ILMN_322	MOBKL3 ||	MOBKL3	NM_00110	MOBKL3		2	Homo sapi	2C4D; MGC	NM_00110
ILMN_175	TAP1 ||Ho	TAP1	NM_00059	TAP1		6	Homo sapi	ABC17; PSF	NM_00059
ILMN_168	PAFAH2 ||	PAFAH2	NM_00043	PAFAH2		1	Homo sapi	HSD-PLA2;	NM_00043
ILMN_165	LOC28620	LOC28620	XM_37966	LOC286208		9	PREDICTED: Homo sap		XM_37966
ILMN_167	CDV3 ||Ho	CDV3	NM_01754	CDV3		3	Homo sapi	H41	NM_01754
ILMN_171	MDFIC ||H	MDFIC	NM_19907	MDFIC		7	Homo sapi	HIC	NM_19907
ILMN_179	PHACTR2 |	PHACTR2	NM_01472	PHACTR2		6	Homo sapi	DKFZp686F	NM_00110
ILMN_323	UCA1 ||Ho	UCA1	NR_01537	UCA1		19	Homo sapiens urotheli		NR_01537
ILMN_324	LOC10013	LOC10013	XM_00171	LOC100132		1	PREDICTED: Homo sap		XM_00171
ILMN_208	RHOD ||Hc	RHOD	NM_01457	RHOD		11	Homo sapi	ARHD; Rho	NM_01457
ILMN_169	CES2 ||Hor	CES2	NM_19806	CES2		16	Homo sapi	iCE; CE-2; C	NM_00386
ILMN_174	MYL5 ||Ho	MYL5	NM_00247	MYL5		4	Homo sapiens myosin,		NM_00247
ILMN_174	LOC64785	LOC64785	XM_92727	LOC647859		5	PREDICTED: Homo sap		XM_00113

ILMN_165	LGALS3BP	LGALS3BP	NM_00556	LGALS3BP		17	Homo sapi	MAC-2-BP;
ILMN_178	LOC55422	LOC55422	XR_00111	LOC554223			PREDICTED: Homo sap	
ILMN_178	SERF2 ||Hc	SERF2	NM_00101	SERF2		15	Homo sapi	4F5REL; H4
ILMN_180	CD55 ||Ho	CD55	NM_00057	CD55		1	Homo sapi	CR; TC; DAI
ILMN_180	TMED5 ||H	TMED5	NM_01604	TMED5		1	Homo sapi	CGI-100; RI
ILMN_325	DSG2 ||Ho	DSG2	NM_00194	DSG2		18	Homo sapiens desmog	
ILMN_233	NSF ||Hom	NSF	NM_00617	NSF		17	Homo sapi	SKD2
ILMN_239	NAAA ||Hc	NAAA	NM_01443	NAAA		4	Homo sapi	PLT; NAAA
ILMN_177	OSTC ||Ho	OSTC	NM_02122	OSTC		4	Homo sapiens oligosac	
ILMN_238	OPTN ||Hc	OPTN	NM_00100	OPTN		10	Homo sapi	FIP2; HYPL;
ILMN_190	||Homo sapiens cDNA	Hs.62314	HS.62314			10	Homo sapiens cDNA FLJ33158 fis,	
ILMN_178	MMP3 ||H	MMP3	NM_00242	MMP3		11	Homo sapi	STR1; STM
ILMN_178	IFIH1 ||Ho	IFIH1	NM_02216	IFIH1		2	Homo sapi	MDA5; MG
ILMN_166	NAAA ||Hc	NAAA	NM_01443	NAAA		4	Homo sapi	PLT; NAAA
ILMN_206	CXCL11 ||H	CXCL11	NM_00540	CXCL11		4	Homo sapi	SCYB9B; IP-
ILMN_171	CCDC132 |	CCDC132	NM_01766	CCDC132		7	Homo sapi	KIAA1861;
ILMN_221	ICAM3 ||H	ICAM3	NM_00216	ICAM3		19	Homo sapi	ICAM-R; CD
ILMN_165	ZSCAN18 |	ZSCAN18	NM_02392	ZSCAN18		19	Homo sapi	ZNF447; DK
ILMN_215	SUCLA2 ||I	SUCLA2	NM_00385	SUCLA2		13	Homo sapi	A-BETA
ILMN_320	LOC64385	LOC64385	XR_03758	LOC643856			PREDICTED: Homo sap	
ILMN_170	SH2D1B ||	SH2D1B	NM_05328	SH2D1B		1	Homo sapi	EAT2
ILMN_167	CTSD ||Ho	CTSD	NM_00190	CTSD		11	Homo sapi	CLN10; MG
ILMN_205	LOC40115	LOC40115	NM_00100	LOC401152		4	Homo sapiens HCV F-t	
ILMN_175	IMPA1 ||H	IMPA1	NM_00553	IMPA1		8	Homo sapi	IMPA
ILMN_166	HSBP1 ||H	HSBP1	NM_00153	HSBP1		16	Homo sapi	DKFZp686D
ILMN_175	COQ9 ||Hc	COQ9	NM_02031	COQ9		16	Homo sapi	C16orf49; [
ILMN_226	TSPO ||Ho	TSPO	NM_00071	TSPO		22	Homo sapi	IBP; PKBS; I
ILMN_174	SLC39A11 |	SLC39A11	NM_13917	SLC39A11		17	Homo sapi	C17orf26
ILMN_178	GGT6 ||Ho	GGT6	NM_15333	GGT6		17	Homo sapi	FLJ25990; I
ILMN_220	C10orf54 |	C10orf54	NM_02215	C10ORF54		10	Homo sapi	PP2135; GI
ILMN_170	DSG2 ||Ho	DSG2	NM_00194	DSG2		18	Homo sapi	HDGC; ARV
ILMN_220	MYL5 ||Hc	MYL5	NM_00247	MYL5		4	Homo sapiens myosin,	
ILMN_214	ALG13 ||H	ALG13	NM_01846	ALG13	X		Homo sapi	YGL047W;
ILMN_225	ERP29 ||Hc	ERP29	NM_00681	ERP29		12	Homo sapi	C12orf8; PI
ILMN_172	NMD3 ||Hc	NMD3	NM_01593	NMD3		3	Homo sapi	CGI-07; FLJ
ILMN_209	CHMP5 ||H	CHMP5	NM_01641	CHMP5		9	Homo sapi	C9orf83; SN
ILMN_177	CYB561 ||H	CYB561	NM_00101	CYB561		17	Homo sapi	FRRS2
ILMN_181	ARL1 ||Ho	ARL1	NM_00117	ARL1		12	Homo sapi	ARFL1
ILMN_178	HNRNPH2	HNRNPH2	NM_00103	HNRNPH2	X		Homo sapi	HNRPH'; FT
ILMN_172	C2orf30 ||	C2orf30	NM_01570	C2ORF30		2	Homo sapi	CL24936; C
ILMN_165	LOC73034	LOC73034	XM_94209	LOC730344			PREDICTED: Homo sap	
ILMN_173	MCEE ||Hc	MCEE	NM_03260	MCEE		2	Homo sapi	GLOD2
ILMN_165	C3orf57 ||	C3orf57	NM_14503	C3ORF57		3	Homo sapi	ADMP; MG
ILMN_180	FAM162A |	FAM162A	NM_01436	FAM162A		3	Homo sapi	HGTD-P; E2
ILMN_176	SPIN2B ||H	SPIN2B	NM_00100	SPIN2B	X		Homo sapi	SPIN2_dup
ILMN_323	ACAP2 ||H	ACAP2	NM_01228	ACAP2		3	Homo sapiens ArfGAP	
ILMN_237	PTPN13 ||	PTPN13	NM_08068	PTPN13		4	Homo sapi	PTP1E; PNF

ILMN_178	LOC40075	LOC40075	XR_000992	LOC400759		Homo sapiens similar t	NR_003133
ILMN_165	HPS5 ||Ho	HPS5	NM_18150	HPS5	11	Homo sapi	KIAA1017;	NM_00721
ILMN_171	LOC28393	LOC28393	NM_17590	LOC28393	16	Homo sapi	MGC12546	NM_17590
ILMN_235	BPGM ||H	BPGM	NM_00172	BPGM	7	Homo sapiens 2,3-bisp		NM_00172
ILMN_235	TP53I3 ||H	TP53I3	NM_14718	TP53I3	2	Homo sapi	PIG3	NM_14718
ILMN_165	SLC35A3 ||	SLC35A3	NM_01224	SLC35A3	1	Homo sapi	DKFZp781F	NM_01224
ILMN_321	LOC38938	LOC38938	XR_017251	LOC38938	6	PREDICTED: Homo sap		XR_017251
ILMN_183	||AGENCOURT_7914	Hs.125087	HS.125087		1	AGENCOURT_7914287		NIH_MGC_
ILMN_180	PSME3 ||H	PSME3	NM_00578	PSME3	17	Homo sapi	PA28-gamr	NM_00578
ILMN_166	M6PRBP1 |	M6PRBP1	NM_00581	M6PRBP1	19	Homo sapi	MGC2012;	NM_00581
ILMN_170	SERP1 ||H	SERP1	NM_01444	SERP1	3	Homo sapi	RAMP4; M	NM_01444
ILMN_330	C17orf42 |	C17orf42	NM_02468	C17ORF42	17	Homo sapi	MGC24674	NM_02468
ILMN_218	C14orf129	C14orf129	NM_01647	C14ORF12	14	Homo sapi	HSPC210; C	NM_01647
ILMN_170	PLEKHA7 |	PLEKHA7	NM_17505	PLEKHA7	11	Homo sapi	DKFZp686N	NM_17505
ILMN_325	DENND4C	DENND4C	NM_01792	DENND4C	9	Homo sapi	C9orf55B; I	NM_01792
ILMN_170	TMEM144	TMEM144	NM_01834	TMEM144	4	Homo sapi	FLJ11155	NM_01834
ILMN_324	SHROOM3	SHROOM3	NM_02085	SHROOM3	4	Homo sapiens shroom		NM_02085
ILMN_210	EPB41L3 ||	EPB41L3	NM_01230	EPB41L3	18	Homo sapi	DAL-1; KIA	NM_01230
ILMN_176	COMMD1	COMMD1	NM_15251	COMMD1	2	Homo sapi	C2orf5; MC	NM_15251
ILMN_177	SLC38A9 ||	SLC38A9	NM_17351	SLC38A9	5	Homo sapi	FLJ90709; I	NM_17351
ILMN_173	C9orf164 |	C9orf164	NM_18263	C9ORF164	9	Homo sapi	FLJ39737	NM_18263
ILMN_166	WDR61 ||H	WDR61	NM_02523	WDR61	15	Homo sapi	REC14	NM_02523
ILMN_180	COMMD9	COMMD9	NM_01418	COMMD9		Homo sapi	FLJ31106; I	NM_01418
ILMN_180	DHRS1 ||H	DHRS1	NM_13845	DHRS1	14	Homo sapi	FLJ25430; I	NM_13845
ILMN_168	EEF1B2 ||H	EEF1B2	NM_02112	EEF1B2	2	Homo sapi	EEF1B; EF1	NM_02112
ILMN_227	MOCS2 ||H	MOCS2	NM_17680	MOCS2	5	Homo sapi	MPTS; MCE	NM_17680
ILMN_208	FAM10A7 |	FAM10A7	NR_002198	FAM10A7	7	Homo sapi	FAM10A7P	NR_002198
ILMN_167	INTS10 ||H	INTS10	NM_01814	INTS10	8	Homo sapi	INT10; C8o	NM_01814
ILMN_180	C16orf33 |	C16orf33	NM_02457	C16ORF33	16	Homo sapi	FLJ22940	NM_02457
ILMN_329	LOC38938	LOC38938	XR_037483	LOC389386		PREDICTED: Homo sap		XR_037483
ILMN_181	LZTFL1 ||H	LZTFL1	NM_02034	LZTFL1	3	Homo sapi	FLJ36386	NM_02034
ILMN_168	NSF ||Hom	NSF	NM_00617	NSF	17	Homo sapi	SKD2	NM_00617
ILMN_239	ARPC4 ||H	ARPC4	NM_00102	ARPC4	3	Homo sapi	ARC20; p2(	NM_00102
ILMN_174	EXOC4 ||H	EXOC4	NM_02180	EXOC4	7	Homo sapi	SEC8L1; RE	NM_02180
ILMN_204	RP11-529I1	RP11-529I1	NM_01544	RP11-529I1	10	Homo sapi	DKFZP566F	NM_01544
ILMN_180	PGAP3 ||H	PGAP3	NM_03341	PGAP3	17	Homo sapi	CAB2; AGL	NM_03341
ILMN_208	IQCK ||Hor	IQCK	NM_15320	IQCK	16	Homo sapi	FLJ20115; I	NM_15320
ILMN_175	SLC31A2 ||	SLC31A2	NM_00186	SLC31A2	9	Homo sapi	hCTR2; CTF	NM_00186
ILMN_165	SPG21 ||H	SPG21	XM_94560	SPG21	15	Homo sapi	BM-019; GI	NM_01663
ILMN_234	PSME3 ||H	PSME3	NM_00578	PSME3	17	Homo sapi	PA28-gamr	NM_00578
ILMN_177	STX12 ||H	STX12	NM_17742	STX12	1	Homo sapi	STX14; MG	NM_17742
ILMN_175	RNF5P1 ||I	RNF5P1	XR_000528	RNF5P1	8	PREDICTED: Homo sap		XR_000528
ILMN_207	BTF3L4 ||H	BTF3L4	NM_15226	BTF3L4	1	Homo sapi	MGC23908	NM_15226
ILMN_231	ETNK1 ||H	ETNK1	NM_00103	ETNK1	12	Homo sapi	EKI1; EKI; I	NM_00103
ILMN_172	RALGAPA2	RALGAPA2	XM_94538	RALGAPA2	20	Homo sapi	KIAA1272;	NM_02034
ILMN_166	KRT2 ||Ho	KRT2	NM_00042	KRT2	12	Homo sapi	MGC11696	NM_00042
ILMN_180	SCFD1 ||H	SCFD1	NM_18283	SCFD1	14	Homo sapi	KIAA0917;	NM_01610

ILMN_222	GCNT1 ||H	GCNT1	NM_00149	GCNT1		9	Homo sapi	NACGT2; C NM_00149
ILMN_172	C9orf116 |	C9orf116	NM_14465	C9ORF116		9	Homo sapi	pierce 1; RI NM_14465
ILMN_176	GLIPR1 ||H	GLIPR1	NM_00685	GLIPR1		12	Homo sapi	RTVP1; CRI NM_00685
ILMN_171	ARMCX6 ||	ARMCX6	NM_01900	ARMCX6	X		Homo sapi	FLJ20811 NM_01900
ILMN_176	TMEM126E	TMEM126E	NM_01848	TMEM126E		11	Homo sapi	HT007; MG NM_01848
ILMN_178	CMPK2 ||H	CMPK2	NM_20731	CMPK2		2	Homo sapi	TYKi; UMP- NM_20731
ILMN_167	PIPSL ||Ho	PIPSL	XM_93864	PIPSL		10	Homo sapi	PSMD4P2 NR_00231
ILMN_177	TAF9 ||Hor	TAF9	NM_01628	TAF9		5	Homo sapi	TAFIID32; N NM_00101
ILMN_330	MIR635 ||I	MIR635	NR_03036	MIR635			Homo sapiens microRI	NR_03036
ILMN_177	RPL36 ||Hc	RPL36	NM_01541	RPL36		19	Homo sapi	DKFZP566E NM_01541
ILMN_174	SELT ||Hor	SELT	NM_01627	SELT		3	Homo sapiens selenop	NM_01627
ILMN_175	CLIP4 ||Ho	CLIP4	NM_02469	CLIP4		2	Homo sapi	FLJ32705; F NM_02469
ILMN_166	TRIM16 ||I	TRIM16	XM_93895	TRIM16		17	Homo sapi	EBBP NM_00647
ILMN_181	||Homo sapiens mRN	Hs.568928	HS.568928			11	Homo sapiens mRNA; cDNA DKFZ	
ILMN_171	TDO2 ||Ho	TDO2	NM_00565	TDO2		4	Homo sapi	TRPO; TDO NM_00565
ILMN_173	A4GALT ||	A4GALT	NM_01743	A4GALT		22	Homo sapi	P1; A14GAI NM_01743
ILMN_175	BTF3L4 ||H	BTF3L4	NM_15226	BTF3L4		1	Homo sapi	MGC23908 NM_15226
ILMN_181	EXOC7 ||H	EXOC7	NM_01521	EXOC7		17	Homo sapi	Exo70p; 2-5 NM_00101
ILMN_172	VDAC3 ||H	VDAC3	NM_00566	VDAC3		8	Homo sapi	HD-VDAC3 NM_00566
ILMN_218	MRPL20 ||	MRPL20	NM_01797	MRPL20		1	Homo sapi	MGC4779; NM_01797
ILMN_172	FNTA ||Ho	FNTA	NM_00202	FNTA		8	Homo sapi	FPTA; MGC NM_00101
ILMN_176	TP53RK ||H	TP53RK	NM_03355	TP53RK		20	Homo sapi	BUD32; PR NM_03355
ILMN_168	NAT1 ||PR	NAT1	XM_93876	NAT1			PREDICTED: Homo sap	XM_00112
ILMN_181	DYNC2LI1 |	DYNC2LI1	NM_01552	DYNC2LI1		2	Homo sapi	D2LIC; CGI- NM_01600
ILMN_167	C10orf61 |	C10orf61	NM_00101	C10ORF61		10	Homo sapi	DKFZp564D NM_00101
ILMN_176	NTS ||Hom	NTS	NM_00618	NTS		12	Homo sapi	NMN-125; NM_00618
ILMN_175	TAF7 ||Ho	TAF7	NM_00564	TAF7		5	Homo sapi	TAFII55; TA NM_00564
ILMN_233	COPE ||Ho	COPE	NM_19944	COPE		19	Homo sapi	FLJ13241; e NM_19944
ILMN_180	MRPL45 ||	MRPL45	NM_03235	MRPL45		17	Homo sapi	MGC11321 NM_03235
ILMN_165	BRPF3 ||Hc	BRPF3	NM_01569	BRPF3		6	Homo sapiens bromod	NM_01569
ILMN_170	C7orf28A |	C7orf28A	NM_01562	C7ORF28A		7	Homo sapi	H_DJ1163J NM_01562
ILMN_168	PDK4 ||Ho	PDK4	NM_00261	PDK4		7	Homo sapi	FLJ40832 NM_00261
ILMN_166	FBXO33 ||I	FBXO33	NM_20330	FBXO33		14	Homo sapi	c14_5247; NM_20330
ILMN_322	LOC728532	LOC728532	XR_01542	LOC728532		10	PREDICTED: Homo sap	XR_015428
ILMN_234	METTL13 |	METTL13	NM_01593	METTL13		1	Homo sapi	FLJ10310; (NM_01593
ILMN_180	MYH14 ||H	MYH14	NM_02472	MYH14		19	Homo sapi	MHC16; FP NM_00107
ILMN_167	PTPRR ||Hc	PTPRR	NM_00284	PTPRR		12	Homo sapi	DKFZp781C NM_00284
ILMN_176	LYPLA2 ||H	LYPLA2	NM_00726	LYPLA2		1	Homo sapi	DJ886K2.4; NM_00726
ILMN_325	SERF2 ||Hc	SERF2	NM_00101	SERF2		15	Homo sapi	4F5REL; H4 NM_00101
ILMN_178	ENPP4 ||H	ENPP4	NM_01493	ENPP4		6	Homo sapi	KIAA0879; NM_01493
ILMN_177	PHF11 ||Hc	PHF11	NM_01611	PHF11		13	Homo sapi	IGHER; IGE NM_00104
ILMN_327	LOC10013(	LOC10013(	XM_00171	LOC100130263			PREDICTED: Homo sap	XM_00171
ILMN_177	TSR1 ||Ho	TSR1	NM_01812	TSR1		17	Homo sapi	MGC13182 NM_01812
ILMN_175	AP1S1 ||Hc	AP1S1	NM_00128	AP1S1		7	Homo sapi	SIGMA1A; (NM_05708
ILMN_173	MGLL ||Hc	MGLL	NM_00728	MGLL		3	Homo sapi	MGL; HU-K NM_00728
ILMN_168	WDR7 ||Hc	WDR7	NM_01528	WDR7		18	Homo sapi	TRAG; KIAA NM_01528
ILMN_167	IL12A ||Ho	IL12A	NM_00088	IL12A		3	Homo sapi	CLMF; p35; NM_00088

ILMN_180(	B3GALT5 | B3GALT5	NM_00605	B3GALT5		21	Homo sapi(	B3GalTx; G	NM_00605
ILMN_175{	PDCD2 ||H	PDCD2	NM_14478	PDCD2		6	Homo sapi(	RP8; MGC1	NM_14478
ILMN_170-	FOXD1 ||H	FOXD1	NM_00447	FOXD1		5	Homo sapi(	FREAC4; FK	NM_00447
ILMN_207-	PLS1 ||Hor	PLS1	NM_00267	PLS1		3	Homo sapi(	I-PLASTIN	NM_00267
ILMN_176{	MAN2B2 | MAN2B2	NM_01527	MAN2B2		4	Homo sapi(	KIAA0935	NM_01527
ILMN_180-	IQCG ||Ho	IQCG	NM_03226	IQCG		3	Homo sapi(	DKFZp434E	NM_03226
ILMN_178:	GAS8 ||Ho	GAS8	NM_00148	GAS8		16	Homo sapi(	MGC13832	NM_00148
ILMN_168(	MIOS ||Ho	MIOS	NM_01900	MIOS		7	Homo sapiens	missing	NM_01900
ILMN_173(	GNPTAB ||	GNPTAB	NM_02431	GNPTAB		12	Homo sapi(	MGC4170;	NM_02431
ILMN_168{	CTNNBIP1	CTNNBIP1	NM_00101	CTNNBIP1		1	Homo sapi(	MGC15093	NM_02024
ILMN_175[	HSPA4 ||H	HSPA4	NM_19843	HSPA4		5	Homo sapi(	HS24/P52;	NM_00215
ILMN_169:	MRPL20 ||	MRPL20	NM_01797	MRPL20		1	Homo sapi(	MGC4779;	NM_01797
ILMN_166:	C7orf28B |	C7orf28B	XM_94226	C7ORF28B			PREDICTED: Homo sap		XM_00112(
ILMN_235:	EMR2 ||Hc	EMR2	NM_15291	EMR2		19	Homo sapi(	CD312; DKI	NM_15291
ILMN_219[	VIPR1 ||Hc	VIPR1	NM_00462	VIPR1		3	Homo sapi(	PACAP-R-2,	NM_00462
ILMN_178-	TLCD1 ||H(	TLCD1	NM_13846	TLCD1		17	Homo sapiens	TLC don	NM_13846
ILMN_168[	TMEM125	TMEM125	NM_14462	TMEM125		1	Homo sapi(	MGC17299	NM_14462
ILMN_241:	HPS5 ||Ho	HPS5	NM_00721	HPS5		11	Homo sapi(	KIAA1017;	NM_00721
ILMN_168-	GPRC5A ||	GPRC5A	NM_00397	GPRC5A		12	Homo sapi(	RAIG1; RAI	NM_00397
ILMN_169(	SP100 ||Hc	SP100	NM_00311	SP100		2	Homo sapi(	DKFZp686E	NM_00311
ILMN_166-	IQCK ||Hor	IQCK	NM_15320	IQCK		16	Homo sapi(	FLJ20115; F	NM_15320
ILMN_238:	PSMD10 ||	PSMD10	NM_00281	PSMD10	X		Homo sapi(	p28; dJ889	NM_00281
ILMN_236-	FNDC3A ||	FNDC3A	NM_00107	FNDC3A		13	Homo sapi(	KIAA0970;	NM_00107
ILMN_171-	LETM2 ||H	LETM2	NM_14465	LETM2		8	Homo sapi(	FLJ25409	NM_14465
ILMN_172[	PEX7 ||Hor	PEX7	NM_00028	PEX7		6	Homo sapi(	RCDP1; RD,	NM_00028
ILMN_169(	IFIT5 ||Hor	IFIT5	NM_01242	IFIT5		10	Homo sapi(	RI58	NM_01242
ILMN_176:	FLJ20718 |	FLJ20718	NM_01793	FLJ20718		16	Homo sapiens	hypothe	NM_01793
ILMN_174:	ERAP2 ||H(	ERAP2	NM_02235	ERAP2		5	Homo sapi(	LRAP; FLJ2:	NM_02235
ILMN_166]	TRIP4 ||Hc	TRIP4	NM_01621	TRIP4		15	Homo sapi(	HsT17391	NM_01621
ILMN_179:	FARS2 ||H(	FARS2	NM_00656	FARS2		6	Homo sapi(	dJ520B18.2	NM_00656
ILMN_165]	EXOC6 ||H	EXOC6	NM_00101	EXOC6		10	Homo sapi(	SEC15L1; S	NM_01905
ILMN_176[	HSPBP1 ||I	HSPBP1	NM_01226	HSPBP1		19	Homo sapiens	hsp70-ir	NM_01226
ILMN_169(	LOC44049{	LOC44049{	XM_49870	LOC440498			PREDICTED: Homo sap		XM_93881
ILMN_240]	TTC8 ||Hor	TTC8	NM_14459	TTC8		14	Homo sapi(	BBS8	NM_14459
ILMN_174(	FNTA ||Ho	FNTA	NM_00202	FNTA		8	Homo sapi(	FPTA; MGC	NM_00202
ILMN_320[	LOC64421-	LOC64421-	XR_01706-	LOC644214		1	PREDICTED: Homo sap		XR_017064
ILMN_167:	MAP3K13 |	MAP3K13	NM_00472	MAP3K13		3	Homo sapi(	MGC13319	NM_00472
ILMN_322-	SNHG7 ||H	SNHG7	NR_00367-	SNHG7		9	Homo sapiens	small nu	NR_00367-
ILMN_168-	TWF1 ||Hc	TWF1	NM_19897	TWF1		12	Homo sapi(	MGC41876	NM_00282
ILMN_216[	C12orf43 |	C12orf43	NM_02289	C12ORF43		12	Homo sapi(	FLJ12448	NM_02289
ILMN_236-	HNRNPH2	HNRNPH2	NM_01959	HNRNPH2	X		Homo sapi(	HNRPH'; FT	NM_01959
ILMN_180-	BTN3A1 ||	BTN3A1	NM_00704	BTN3A1		6	Homo sapi(	BT3.1; CD2	NM_00704
ILMN_214]	PI4K2B ||H	PI4K2B	NM_01832	PI4K2B		4	Homo sapi(	FLJ11105; F	NM_01832
ILMN_168(	MAT2B ||H	MAT2B	NM_01328	MAT2B		5	Homo sapi(	TGR; MAT-	NM_01328
ILMN_180:	TMC4 ||Hc	TMC4	NM_14468	TMC4		19	Homo sapi(	MGC39329	NM_14468
ILMN_170]	ST7 ||Hom	ST7	NM_01841	ST7		7	Homo sapi(	DKFZp762(	NM_01841
ILMN_167]	RNF8 ||Ho	RNF8	NM_00395	RNF8		6	Homo sapi(	KIAA0646;	NM_00395

ILMN_240	CCNC ||Ho	CCNC	NM_00101	CCNC		6	Homo sapi	CycC	NM_00101
ILMN_176	AP3D1 ||H	AP3D1	NM_00393	AP3D1		19	Homo sapi	hBLVR; AD	NM_00393
ILMN_166	STAG3L1 |	STAG3L1	NM_01899	STAG3L1		7	Homo sapi	DKFZP434A	NM_01899
ILMN_238	ATP6V1C2	ATP6V1C2	NM_14458	ATP6V1C2		2	Homo sapi	VMA5; ATP	NM_14458
ILMN_174	ALG14 ||H	ALG14	NM_14498	ALG14		1	Homo sapi	MGC19780	NM_14498
ILMN_165	ZNF533 ||H	ZNF533	NM_15252	ZNF533		2	Homo sapi	FLJ25270	NM_15252
ILMN_175	IPO8 ||Hor	IPO8	NM_00639	IPO8		12	Homo sapi	FLJ26580; I	NM_00639
ILMN_177	ZNF45 ||Hc	ZNF45	NM_00342	ZNF45		19	Homo sapi	KOX5; ZNF	NM_00342
ILMN_166	LOC64642	LOC64642	XM_94126	LOC646424			PREDICTED: Homo sap		XM_94126
ILMN_181	BCMO1 ||H	BCMO1	NM_01742	BCMO1		16	Homo sapi	BCMO; BC	NM_01742
ILMN_174	ABHD12 ||	ABHD12	NM_01560	ABHD12		20	Homo sapi	DKFZP434F	NM_01560
ILMN_325	FAM119A |	FAM119A	NM_14528	FAM119A		2	Homo sapiens family w		NM_14528
ILMN_168	KIAA0319L	KIAA0319L	NM_02487	KIAA0319L		1	Homo sapi	PP791; RP4	NM_02487
ILMN_168	NOL11 ||H	NOL11	NM_01546	NOL11		17	Homo sapi	DKFZP586L	NM_01546
ILMN_180	CCDC97 ||	CCDC97	NM_05284	CCDC97		19	Homo sapi	FLJ40267; I	NM_05284
ILMN_179	C7orf36 ||	C7orf36	NM_02019	C7ORF36		7	Homo sapi	GK003	NM_02019
ILMN_168	CCDC58 ||	CCDC58	NM_00101	CCDC58		3	Homo sapi	FLJ33273	NM_00101
ILMN_165	APCDD1 ||	APCDD1	NM_15300	APCDD1		18	Homo sapi	DRAPC1; B	NM_15300
ILMN_212	TSSC1 ||Hc	TSSC1	NM_00331	TSSC1		2	Homo sapiens tumor s		NM_00331
ILMN_165	LOC64431(	LOC64431(	XM_92748	LOC644310			PREDICTED: Homo sap		XM_93815
ILMN_178	CNIH ||Hoi	CNIH	NM_00577	CNIH		14	Homo sapi	CNIH1; CNI	NM_00577
ILMN_325	FAM119A |	FAM119A	NM_00112	FAM119A		2	Homo sapiens family w		NM_00112
ILMN_168	TGFB3 ||H	TGFB3	NM_00323	TGFB3		14	Homo sapi	FLJ16571; A	NM_00323
ILMN_240	DHDDS ||H	DHDDS	NM_02488	DHDDS		1	Homo sapi	HDS; DS; CI	NM_02488
ILMN_173	ProSAPiP1	ProSAPiP1	NM_01473	PROSAPIP1		20	Homo sapi	KIAA0552	NM_01473
ILMN_181	PNPT1 ||H	PNPT1	NM_03310	PNPT1		2	Homo sapi	DKFZp762K	NM_03310
ILMN_320	LOC100131	LOC100131	XM_00171	LOC100131225			PREDICTED: Homo sap		XM_00171
ILMN_168	LOC440731	LOC440731	XM_93369	LOC440731		1	PREDICTED: Homo sap		XM_93369
ILMN_218	STYK1 ||Hc	STYK1	NM_01842	STYK1		12	Homo sapi	DKFZp761P	NM_01842
ILMN_176	BCKDHB ||	BCKDHB	NM_18305	BCKDHB		6	Homo sapi	E1B	NM_18305
ILMN_167	RAB4A ||H	RAB4A	NM_00457	RAB4A		1	Homo sapi	RAB4	NM_00457
ILMN_234	DPP3 ||Ho	DPP3	NM_00570	DPP3		11	Homo sapi	FLJ11387; I	NM_00570
ILMN_173	LIAS ||Hon	LIAS	NM_00685	LIAS		4	Homo sapi	HUSSY-01;	NM_00685
ILMN_220	ST3GAL4 |	ST3GAL4	NM_00627	ST3GAL4		11	Homo sapi	NANTA3; S	NM_00627
ILMN_171	ARC ||Hon	ARC	NM_01519	ARC		8	Homo sapi	KIAA0278	NM_01519
ILMN_176	HDAC4 ||H	HDAC4	NM_00603	HDAC4		2	Homo sapi	HD4; HDAC	NM_00603
ILMN_217	NUDT15 ||	NUDT15	NM_01828	NUDT15		13	Homo sapi	RP11-90M2	NM_01828
ILMN_171	HDHD1A ||	HDHD1A	NM_01208	HDHD1A	X		Homo sapi	DXF68S1E;	NM_01208
ILMN_177	DOK4 ||Hc	DOK4	NM_01811	DOK4		16	Homo sapi	FLJ10488	NM_01811
ILMN_170	ZNF28 ||Hc	ZNF28	NM_00696	ZNF28		19	Homo sapi	DKFZp781D	NM_00696
ILMN_181	C15orf57 |	C15orf57	NM_05284	C15ORF57		15	Homo sapi	MGC20481	NM_05284
ILMN_172	LOC73027	LOC73027	XM_94051	LOC730273			PREDICTED: Homo sap		XM_00112
ILMN_178	IL18R1 ||H	IL18R1	NM_00385	IL18R1		2	Homo sapi	IL-1Rrp; IL1	NM_00385
ILMN_176	VPS54 ||Hc	VPS54	NM_01651	VPS54		2	Homo sapi	hVps54L; H	NM_01651
ILMN_168	CAPN3 ||H	CAPN3	NM_00007	CAPN3		15	Homo sapi	CANP3; MC	NM_02434
ILMN_321	LOC64596	LOC64596	XR_037475	LOC645969			PREDICTED: Homo sap		XR_037475
ILMN_175	DBNDD1 ||	DBNDD1	NM_02404	DBNDD1		16	Homo sapi	MGC3101;	NM_00104

ILMN_1842	||AV735490 CB Homo	Hs.580229	HS.580229		AV735490 CB Homo sapiens cDNA				
ILMN_1660	TCP1 ||Homo	TCP1	NM_03075	TCP1	6	Homo sapie	TCP-1-alph	NM_03075	
ILMN_2325	C9orf116 | C9orf116	NM_14465	C9ORF116		9	Homo sapie	pierce 1; RI	NM_14465	
ILMN_1758	GPAM ||Ho	GPAM	NM_02091	GPAM	10	Homo sapie	GPAT1; MC	NM_02091	
ILMN_1652	CDC5L ||Ho	CDC5L	NM_00125	CDC5L	6	Homo sapie	KIAA0432;	NM_00125	
ILMN_1714	ZC3H14 ||H	ZC3H14	NM_02482	ZC3H14	14	Homo sapie	MGC26892	NM_02482	
ILMN_1781	GLCCI1 ||H	GLCCI1	NM_13842	GLCCI1	7	Homo sapie	FAM117C;	NM_13842	
ILMN_1813	LOC728554	LOC728554	NM_03236	LOC728554	5	PREDICTED: Homo sap		XR_015669	
ILMN_2127	UBE2CBP | UBE2CBP	NM_19892	UBE2CBP		6	Homo sapie	YJR141W; I	NM_19892	
ILMN_1732	FAM71E1 | FAM71E1	NM_13841	FAM71E1		19	Homo sapie	FLJ27522; I	NM_13841	
ILMN_1798	CCNC ||Ho	CCNC	NM_00519	CCNC	6	Homo sapie	CycC	NM_00519	
ILMN_2096	NIP30 ||Ho	NIP30	NM_02494	NIP30	16	Homo sapie	FLJ21799; (	NM_02494	
ILMN_2207	SERPINI1 | SERPINI1	NM_00502	SERPINI1		3	Homo sapie	neuroserpi	NM_00502	
ILMN_1788	NEK11 ||H	NEK11	NM_02480	NEK11	3	Homo sapie	FLJ23495	NM_02480	
ILMN_1706	UGT1A6 ||	UGT1A6	NM_00107	UGT1A6	2	Homo sapie	GNT1; UGT	NM_00107	
ILMN_1814	S100A13 | S100A13	NM_00102	S100A13		1	Homo sapiens S100 ca		NM_00102	
ILMN_1768	ZNF134 ||H	ZNF134	NM_00343	ZNF134	19	Homo sapie	MGC14197	NM_00343	
ILMN_2387	AP1B1 ||H	AP1B1	NM_14573	AP1B1	22	Homo sapie	CLAPB2; AI	NM_14573	
ILMN_1715	PITPNA ||H	PITPNA	NM_00622	PITPNA	17	Homo sapie	PITPN; VIB1	NM_00622	
ILMN_2072	ANKRD56 |ANKRD56	NM_00102	ANKRD56		4	Homo sapiens ankyrin		NM_00102	
ILMN_1671	EPB49 ||Ho	EPB49	NM_00197	EPB49	8	Homo sapie	DMT; DEM	NM_00197	
ILMN_1804	FAM178B |FAM178B	NM_01649	FAM178B		2	Homo sapiens family w		NM_01649	
ILMN_1769	LOC389816	LOC389816	NM_00101	LOC389816	9	Homo sapiens cytoker		NM_00101	
ILMN_1853	MGAT3 ||H	MGAT3	Hs.276808	MGAT3	22	Homo sapie	FLJ43371; (	NM_00240	
ILMN_1854	||UI-H-BW0-aja-f-08-(	Hs.566524	HS.566524		UI-H-BW0-aja-f-08-0-UI.s1 NCI_CG				
ILMN_1656	SLC1A4 ||H	SLC1A4	NM_00303	SLC1A4	2	Homo sapie	SATT; ASCT	NM_00303	
ILMN_2369	PALM2 ||H	PALM2	NM_00103	PALM2	9	Homo sapie	AKAP2	NM_00103	
ILMN_3248	SUGT1L1 | SUGT1L1	NR_00336	SUGT1L1		13	Homo sapiens SGT1, su		NR_00336	
ILMN_1680	ATXN2L ||A	ATXN2L	XM_93919	ATXN2L		PREDICTED: Homo sap		XM_93919	
ILMN_1737	RTN4R ||H	RTN4R	NM_02300	RTN4R	22	Homo sapie	NOGOR; N(	NM_02300	
ILMN_2295	A3GALT2 | A3GALT2	NM_00108	A3GALT2		1	Homo sapiens alpha 1,		NM_00108	
ILMN_3304	LOC730202	LOC730202	XR_041805	LOC730202	14	PREDICTED: Homo sap		XR_041805	
ILMN_1795	CORO7 ||H	CORO7	NM_02453	CORO7	16	Homo sapie	FLJ22021; (	NM_02453	
ILMN_1758	TBC1D16 | TBC1D16	NM_01902	TBC1D16		17	Homo sapie	FLJ20748; I	NM_01902	
ILMN_1759	C16orf79 | C16orf79	NM_18256	C16ORF79		16	Homo sapie	MGC21830	NM_18256	
ILMN_1782	N4BP2 ||H	N4BP2	NM_01817	N4BP2	4	Homo sapie	B3BP; KIAA	NM_01817	
ILMN_3195	LOC645430	LOC645430	XR_018764	LOC645430		PREDICTED: Homo sap		XR_018764	
ILMN_3245	LOC641298	LOC641298	XR_041850	LOC641298	16	PREDICTED: Homo sap		XR_041850	
ILMN_1797	RBM12 ||H	RBM12	NM_00604	RBM12	20	Homo sapie	KIAA0765;	NM_00604	
ILMN_2047	ARSA ||Ho	ARSA	NM_00048	ARSA	22	Homo sapie	MLD	NM_00048	
ILMN_1674	LOC728729	LOC728729	XM_92633	LOC728729	15	PREDICTED: Homo sap		XR_015597	
ILMN_1712	CPXM1 ||H	CPXM1	NM_01960	CPXM1	20	Homo sapie	CPX1; CPXI	NM_01960	
ILMN_1663	DNAJB5 ||I	DNAJB5	NM_01226	DNAJB5	9	Homo sapie	KIAA1045;	NM_01226	
ILMN_2162	FLJ40113 | FLJ40113	NR_00324	FLJ40113			Homo sapie	FLJ35171	NR_00324	
ILMN_1801	SLC29A4 ||SLC29A4	NM_15324	SLC29A4		7	Homo sapie	PMAT; FLJ3	NM_15324	
ILMN_1659	ANAPC1 ||	ANAPC1	XM_94226	ANAPC1	2	Homo sapie	TSG24; MC	NM_02266	
ILMN_3235	LOC731751	LOC731751	XM_00112	LOC731751		PREDICTED: Homo sap		XM_00112	

ILMN_3281	LOC65435(	LOC65435(	XM_94058	LOC654350			PREDICTED: Homo sap	XM_94058
ILMN_3240	RNU105A |	RNU105A	NR_00440	RNU105A		1	Homo sapi	E1c; 105A	NR_00440
ILMN_1743	TJAP1 ||Hc	TJAP1	NM_08060	TJAP1		6	Homo sapi	PILT; RP3-3	NM_08060
ILMN_1798	SOCS2 ||H	SOCS2	NM_00387	SOCS2		12	Homo sapi	SSI2; Cish2;	NM_00387
ILMN_2074	KCNK6 ||H	KCNK6	NM_00482	KCNK6		19	Homo sapi	TWIK-2; KC	NM_00482
ILMN_3301	LOC72920(	LOC72920(	XR_01594	LOC729200			PREDICTED: Homo sap	XR_01594	
ILMN_1727	C17orf37 |	C17orf37	NM_03233	C17ORF37		17	Homo sapi	RDX12; MC	NM_03233
ILMN_3301	LOC73099	LOC73099	XR_03816	LOC730993			PREDICTED: Homo sap	XR_03816	
ILMN_3237	RNU5A ||H	RNU5A	NR_00275	RNU5A		15	Homo sapi	U5B1	NR_00275
ILMN_2364	MB ||Hom	MB	NM_00536	MB		22	Homo sapi	MGC13548	NM_00536
ILMN_1685	ZNF773 ||H	ZNF773	NM_19854	ZNF773		19	Homo sapi	ZNF419B; N	NM_19854
ILMN_2260	GSDMB ||H	GSDMB	NM_01853	GSDMB		17	Homo sapi	PRO2521; I	NM_01853
ILMN_2205	PRKX ||Ho	PRKX	NM_00504	PRKX	X		Homo sapi	PKX1	NM_00504
ILMN_1700	UST ||Hom	UST	NM_00571	UST		6	Homo sapi	2OST	NM_00571
ILMN_1809	TRMT12 ||	TRMT12	NM_01795	TRMT12			Homo sapi	FLJ20772; T	NM_01795
ILMN_2153	ATXN1 ||H	ATXN1	NM_00033	ATXN1		6	Homo sapi	SCA1; D6S5	NM_00033
ILMN_2204	UBR5 ||Ho	UBR5	NM_01590	UBR5		8	Homo sapi	DD5; MGC5	NM_01590
ILMN_3303	PABPC1L |	PABPC1L	XM_00172	PABPC1L			PREDICTED: Homo sap	XM_00172	
ILMN_2057	FAM164A |	FAM164A	NM_01601	FAM164A		8	Homo sapi	CGI-62	NM_01601
ILMN_2339	PKD1 ||Ho	PKD1	NM_00100	PKD1		16	Homo sapi	PBP	NM_00100
ILMN_1764	SH3PXD2B	SH3PXD2B	NM_00101	SH3PXD2B		5	Homo sapi	HOFI; FLJ2(	NM_00101
ILMN_1652	ELF4 ||Hor	ELF4	NM_00142	ELF4	X		Homo sapi	MEF; ELFR	NM_00142
ILMN_2362	PILRA ||Hc	PILRA	NM_17827	PILRA		7	Homo sapi	FDF03	NM_17827
ILMN_2082	SLC36A4 ||	SLC36A4	NM_15231	SLC36A4		11	Homo sapi	FLJ38932; I	NM_15231
ILMN_1705	PPFIBP1 ||	PPFIBP1	NM_17744	PPFIBP1		12	Homo sapi	hSgt2p; L2;	NM_17744
ILMN_1756	NUP62CL |	NUP62CL	NM_01768	NUP62CL	X		Homo sapi	FLJ20130; I	NM_01768
ILMN_1659	KIF1B ||Ho	KIF1B	NM_18341	KIF1B		1	Homo sapi	KIAA0591;	NM_01507
ILMN_1676	NPIP ||Hor	NPIP	NM_00698	NPIP		16	Homo sapiens nuclear		NM_00698
ILMN_1703	HJURP ||H	HJURP	NM_01841	HJURP		2	Homo sapi	URLC9; FA	NM_01841
ILMN_1737	MCM4 ||H	MCM4	NM_00591	MCM4		8	Homo sapi	P1-CDC21;	NM_00591
ILMN_2111	MN1 ||Hor	MN1	NM_00243	MN1		22	Homo sapi	MGCR1-PE	NM_00243
ILMN_1720	ADSSL1 ||I	ADSSL1	NM_19916	ADSSL1		14	Homo sapi	FLJ38602	NM_15232
ILMN_1863	||wi12b07.x1 NCI_CG		Hs.546105	HS.546105			wi12b07.x1 NCI_CGAP_Co16 Hom		
ILMN_1805	SEMA4F ||	SEMA4F	NM_00426	SEMA4F		2	Homo sapi	PRO2353; I	NM_00426
ILMN_1701	TUBG2 ||H	TUBG2	NM_01643	TUBG2		17	Homo sapi	MGC13199	NM_01643
ILMN_1673	KLF11 ||PR	KLF11	NM_00359	KLF11			PREDICTED: Homo sap	XM_00112	
ILMN_2275	RAPH1 ||H	RAPH1	NM_21358	RAPH1		2	Homo sapi	ALS2CR9; P	NM_21358
ILMN_3239	RNY3 ||Ho	RNY3	NR_00439	RNY3		7	Homo sapi	Y3; HY3	NR_00439
ILMN_1690	CDK2AP2 |	CDK2AP2	NM_00585	CDK2AP2		11	Homo sapi	p14; FLJ10(	NM_00585
ILMN_1724	RFC4 ||Hor	RFC4	NM_00291	RFC4		3	Homo sapi	A1; RFC37;	NM_18157
ILMN_2388	MAP2 ||Hc	MAP2	NM_00237	MAP2		2	Homo sapi	MAP2B; M/	NM_00237
ILMN_2228	ECM2 ||Hc	ECM2	NM_00139	ECM2		9	Homo sapi	MGC12635	NM_00139
ILMN_1672	LOC64809	LOC64809	XM_93715	LOC648099			PREDICTED: Homo sap	XM_93715	
ILMN_1676	LOC38827	LOC38827	XM_92842	LOC388275		18	PREDICTED: Homo sap	XM_92842	
ILMN_1738	FOXO1 ||H	FOXO1	NM_00201	FOXO1		13	Homo sapi	FKHR; FKH1	NM_00201
ILMN_1859	||AGENCOURT_6411		Hs.555181	HS.555181		2	AGENCOURT_6411402		NIH_MGC_
ILMN_1652	DVL2 ||Ho	DVL2	NM_00442	DVL2		17	Homo sapiens disheve		NM_00442

ILMN_1787	SNX16 ||H	SNX16	NM_02213	SNX16		8	Homo sapi	DKFZp666H	NM_02213
ILMN_1820	||Homo sapiens cDNA	Hs.145444	HS.145444			9	Homo sapiens cDNA FLJ11494 fis,		
ILMN_1765	APPL2 ||H	APPL2	NM_01817	APPL2		12	Homo sapi	DIP13B; FL	NM_01817
ILMN_2102	FAHD2A ||	FAHD2A	NM_01604	FAHD2A		2	Homo sapi	MGC13199	NM_01604
ILMN_1794	VAV2 ||Ho	VAV2	NM_00337	VAV2		9	Homo sapiens vav 2 gu		NM_00337
ILMN_1660	LOC641825	LOC641825	XM_93557	LOC641825			PREDICTED: Homo sap		XM_93557
ILMN_1695	WDYHV1 |	WDYHV1	NM_01802	WDYHV1		8	Homo sapi	FLJ10204	NM_01802
ILMN_1757	40608 ||H	6-Mar	NM_00588	6-Mar		5	Homo sapi	RNF176; M	NM_00588
ILMN_1756	POLS ||Ho	POLS	NM_00699	POLS		5	Homo sapi	TRF4; TRF4	NM_00699
ILMN_3240	RNU4ATAC	RNU4ATAC	NR_02334	RNU4ATAC		2	Homo sapiens RNA, U4		NR_02334
ILMN_1842	||AGENCOURT_1435	Hs.579530	HS.579530			18	AGENCOURT_14354957		NIH_MG
ILMN_2225	PTGR1 ||H	PTGR1	NM_01221	PTGR1		9	Homo sapi	MGC34943	NM_01221
ILMN_1716	RPA3 ||Ho	RPA3	NM_00294	RPA3		7	Homo sapi	REPA3	NM_00294
ILMN_1667	IFRD1 ||Hc	IFRD1	NM_00155	IFRD1		7	Homo sapi	PC4; TIS7	NM_00155
ILMN_1814	PHKA2 ||H	PHKA2	NM_00029	PHKA2	X		Homo sapi	PYKL; XLG;	NM_00029
ILMN_1874	||Homo sapiens prim	Hs.554507	HS.554507			9	Homo sapiens primary neuroblast		
ILMN_2341	ETV4 ||Ho	ETV4	NM_00198	ETV4		17	Homo sapi	PEA3; E1A-	NM_00198
ILMN_2103	AIP ||Hom	AIP	NM_00397	AIP		11	Homo sapi	ARA9; FKBI	NM_00397
ILMN_1738	C9orf130 |	C9orf130	XM_93969	C9ORF130			PREDICTED: Homo sap		XM_93969
ILMN_1830	||UI-H-BI4-aou-g-01-0	Hs.561915	HS.561915			9	UI-H-BI4-aou-g-01-0-UI.s1		NCI_CG
ILMN_1692	TTYH3 ||H	TTYH3	NM_02525	TTYH3		7	Homo sapi	KIAA1691	NM_02525
ILMN_2334	PRKDC ||H	PRKDC	NM_00690	PRKDC		8	Homo sapi	XRCC7; p35	NM_00690
ILMN_1803	TM7SF3 ||	TM7SF3	NM_01655	TM7SF3		12	Homo sapiens transme		NM_01655
ILMN_1676	BZW2 ||Hc	BZW2	NM_01403	BZW2		7	Homo sapi	MST017; M	NM_01403
ILMN_1722	RGS12 ||H	RGS12	NM_00292	RGS12		4	Homo sapi	DKFZp761K	NM_00292
ILMN_2259	MLL5 ||Ho	MLL5	NM_18293	MLL5		7	Homo sapi	KMT2E; MC	NM_18293
ILMN_1736	PDXP ||Ho	PDXP	NM_02031	PDXP		22	Homo sapi	CIN; FLJ327	NM_02031
ILMN_1791	DPY19L1 |	DPY19L1	XM_93874	DPY19L1		7	Homo sapi	KIAA0877	NM_01528
ILMN_1767	RRS1 ||Ho	RRS1	NM_01516	RRS1		8	Homo sapi	KIAA0112	NM_01516
ILMN_1915	||FNPANH10 FNP Hor	Hs.562875	HS.562875				FNPANH10 FNP Homo sapiens cDI		
ILMN_2414	RBM3 ||Hc	RBM3	NM_00101	RBM3	X		Homo sapi	RNPL; IS1-F	NM_00101
ILMN_3301	LOC729217	LOC729217	XR_01548	LOC729217		16	PREDICTED: Homo sap		XR_01548
ILMN_1678	SLC37A4 ||SLC37A4		NM_00146	SLC37A4		11	Homo sapi	G6PT3; GSI	NM_00146
ILMN_2112	DRAP1 ||H	DRAP1	NM_00644	DRAP1		11	Homo sapi	NC2-alpha	NM_00644
ILMN_3195	LOC646784	LOC646784	XR_01724	LOC646784		1	PREDICTED: Homo sap		XR_01724
ILMN_1684	LOC647135	LOC647135	XM_93057	LOC647135		1	PREDICTED: Homo sap		XM_93057
ILMN_1792	AHNAK ||H	AHNAK	NM_02406	AHNAK		11	Homo sapi	MGC5395;	NM_00162
ILMN_3236	RAPGEF5 |	RAPGEF5	NM_01229	RAPGEF5		7	Homo sapi	REPAC; KIA	NM_01229
ILMN_3245	DENND4B	DENND4B	NM_01485	DENND4B		1	Homo sapi	DKFZp762N	NM_01485
ILMN_2330	NUDT1 ||H	NUDT1	NM_19894	NUDT1		7	Homo sapi	MTH1	NM_19894
ILMN_1658	SAMD1 ||H	SAMD1	NM_13835	SAMD1		19	Homo sapiens sterile a		NM_13835
ILMN_1718	SMC3 ||Hc	SMC3	NM_00544	SMC3		10	Homo sapi	CDLS3; SM	NM_00544
ILMN_1787	CAPN12 ||	CAPN12	NM_14469	CAPN12		19	Homo sapi	MGC20576	NM_14469
ILMN_2138	TP73L ||Hc	TP73L	NM_00372	TP73L		3	Homo sapi	TP63; EEC3	NM_00372
ILMN_1787	GPR125 ||	GPR125	XM_94479	GPR125			PREDICTED: Homo sap		XM_94479
ILMN_1806	PAWR ||Hc	PAWR	NM_00258	PAWR		12	Homo sapi	PAR4; Par-4	NM_00258
ILMN_1737	CDCA3 ||H	CDCA3	NM_03129	CDCA3		12	Homo sapi	TOME-1; G	NM_03129

ILMN_165	HMGB2 ||I	HMGB2	NM_00212	HMGB2		4	Homo sapi	HMG2 NM_00212
ILMN_173	GIT1 ||Hor	GIT1	NM_01403	GIT1		17	Homo sapiens G prote	NM_01403
ILMN_328	LOC64680	LOC64680	XR_018782	LOC646808			PREDICTED: Homo sap	XR_018782
ILMN_178	LMOD3 ||H	LMOD3	NM_19827	LMOD3		3	Homo sapi	DKFZp313F NM_19827
ILMN_211	ZNF22 ||H	ZNF22	NM_00696	ZNF22		10	Homo sapi	HKR-T1; Zf NM_00696
ILMN_176	SLC25A36	SLC25A36	NM_01815	SLC25A36		3	Homo sapi	FLJ10618 NM_01815
ILMN_168	ATP2A2 ||I	ATP2A2	NM_00168	ATP2A2		12	Homo sapi	DAR; ATP2 NM_00168
ILMN_169	ELK3 ||Hor	ELK3	NM_00523	ELK3		12	Homo sapi	SAP2; NET; NM_00523
ILMN_166	SREBF1 ||H	SREBF1	NM_00417	SREBF1		17	Homo sapi	SREBP1 NM_00100
ILMN_165	HNRPH3 ||	HNRPH3	NM_01220	HNRPH3		10	Homo sapi	2H9; FLJ34 NM_01220
ILMN_320	LOC64377	LOC64377	XR_018427	LOC643779			PREDICTED: Homo sap	XR_018427
ILMN_165	TMEM137	TMEM137	NM_03288	TMEM137			PREDICTED: Homo sap	XR_017971
ILMN_169	CSF3 ||Hor	CSF3	NM_00075	CSF3		17	Homo sapi	MGC45931 NM_00075
ILMN_218	SPC24 ||H	SPC24	NM_18251	SPC24		19	Homo sapi	SPBC24; FL NM_18251
ILMN_237	EFNA1 ||H	EFNA1	NM_00442	EFNA1		1	Homo sapi	B61; EPLG1 NM_00442
ILMN_206	CYCSL1 ||H	CYCSL1	NR_00156	CYCSL1		6	Homo sapi	HS11; bA51 NR_001561
ILMN_165	RAXL1 ||H	RAXL1	NM_03275	RAXL1		19	Homo sapi	QRX; MGC NM_03275
ILMN_169	C20orf117	C20orf117	NM_19918	C20ORF117		20	Homo sapi	dJ132F21.1 NM_19918
ILMN_169	PCNA ||Ho	PCNA	NM_18264	PCNA		20	Homo sapi	MGC8367 NM_18264
ILMN_233	PKIA ||Hor	PKIA	NM_18183	PKIA		8	Homo sapi	PRKACN1 NM_18183
ILMN_176	MAP2 ||H	MAP2	NM_03184	MAP2		2	Homo sapi	MAP2B; M NM_03184
ILMN_232	UBE2D3 ||	UBE2D3	NM_18189	UBE2D3		4	Homo sapi	E2(17)KB3; NM_18189
ILMN_185	||te46f04.x1 Soares_	Hs.560357	HS.560357				te46f04.x1 Soares_NhHMPu_S1 H	
ILMN_175	EIF2AK4 ||	EIF2AK4	NM_00101	EIF2AK4		15	Homo sapi	GCN2; KIA NM_00101
ILMN_173	GDI1 ||Ho	GDI1	NM_00149	GDI1	X		Homo sapi	OPHN2; MI NM_00149
ILMN_165	IL4R ||Hon	IL4R	NM_00041	IL4R		16	Homo sapi	IL4RA; CD1 NM_00041
ILMN_172	LOC64646	LOC64646	XM_92938	LOC646463			PREDICTED: Homo sap	XM_00113
ILMN_323	LOC73178	LOC73178	XM_00172	LOC731789		10	PREDICTED: Homo sap	XM_00172
ILMN_223	PLA2G2D |	PLA2G2D	NM_01240	PLA2G2D		1	Homo sapi	SPLASH; sP NM_01240
ILMN_327	HNRNPA2B	HNRNPA2B	NM_00213	HNRNPA2B		7	Homo sapi	HNRNPA2; NM_00213
ILMN_180	RBM12B ||	RBM12B	NM_20339	RBM12B		8	Homo sapi	MGC:3383 NM_20339
ILMN_165	LOC64875	LOC64875	XM_94502	LOC648758			PREDICTED: Homo sap	XM_94502
ILMN_168	STX4 ||Hor	STX4	NM_00460	STX4		16	Homo sapi	STX4A; p35 NM_00460
ILMN_204	MTERFD1 |	MTERFD1	NM_01594	MTERFD1		8	Homo sapi	FLJ10939; (NM_01594
ILMN_184	||Homo sapiens cDN	Hs.516646	HS.516646			2	Homo sapiens cDNA FLJ44370 fis,	
ILMN_322	LOC72831	LOC72831	XM_00112	LOC72831		15	PREDICTED: Homo sap	XM_00112
ILMN_239	GABBR1 ||	GABBR1	NM_02190	GABBR1		6	Homo sapi	dJ271M21. NM_02190
ILMN_175	CCNB1IP1	CCNB1IP1	NM_02117	CCNB1IP1		14	Homo sapi	C14orf18; I NM_18284
ILMN_220	SHROOM4	SHROOM4	NM_02071	SHROOM4	X		Homo sapi	KIAA1202 NM_02071
ILMN_172	USP33 ||H	USP33	NM_20162	USP33		1	Homo sapi	MGC16868 NM_01501
ILMN_180	ARHGEF19	ARHGEF19	NM_15321	ARHGEF19		1	Homo sapi	WGEF; FLJ NM_15321
ILMN_166	LOC44034	LOC44034	XM_93371	LOC440345		16	PREDICTED: Homo sap	XM_93371
ILMN_177	HAGH ||H	HAGH	NM_00532	HAGH		16	Homo sapi	HAGH1; GL NM_00532
ILMN_175	C10orf58 |	C10orf58	NM_03233	C10ORF58		10	Homo sapi	MGC4248 NM_03233
ILMN_318	LOC10012	LOC10012	XM_00172	LOC100129441			PREDICTED: Homo sap	XM_00172
ILMN_222	MCM3 ||H	MCM3	NM_00238	MCM3		6	Homo sapi	HCC5; RLFB NM_00238
ILMN_167	MAP3K4 ||	MAP3K4	NM_00672	MAP3K4		6	Homo sapi	FLJ42439; I NM_00592

ILMN_228	FAM89A ||	FAM89A	NM_19855	FAM89A		1	Homo sapi	RP11-423F	NM_19855
ILMN_176	REL ||Hom	REL	NM_00290	REL		2	Homo sapi	C-Rel	NM_00290
ILMN_179	CBX3 ||Ho	CBX3	NM_01658	CBX3		7	Homo sapi	HP1-GAMN	NM_01658
ILMN_186	||BX114974	NCI_CGA	Hs.444999	HS.444999		15	BX114974 NCI_CGAP_Kid3 Homo		
ILMN_330	TP63 ||Hor	TP63	NM_00111	TP63		3	Homo sapi	CUSP; EEC3	NM_00111
ILMN_169	LOC64543	LOC64543	XM_92847	LOC64543		1	PREDICTED: Homo sap		XM_92847
ILMN_209	SNAPC1 ||	SNAPC1	NM_00308	SNAPC1		14	Homo sapi	SNAP43; PT	NM_00308
ILMN_171	NUDT11 ||	NUDT11	NM_01815	NUDT11	X		Homo sapi	FLJ10628; I	NM_01815
ILMN_168	IRX4 ||Hor	IRX4	NM_01635	IRX4		5	Homo sapi	MGC13199	NM_01635
ILMN_232	SREBF1 ||H	SREBF1	NM_00417	SREBF1		17	Homo sapi	SREBP1	NM_00417
ILMN_191	||RST24587	Athersys	Hs.72010	HS.72010		22	RST24587 Athersys RAGE Library H		
ILMN_165	HAPLN3 ||	HAPLN3	NM_17823	HAPLN3		15	Homo sapi	HsT19883;	NM_17823
ILMN_180	NT5C ||Ho	NT5C	NM_01459	NT5C		17	Homo sapi	PN-II; DNT	NM_01459
ILMN_237	VHL ||Hom	VHL	NM_19815	VHL		3	Homo sapi	HRCA1; RC	NM_19815
ILMN_171	LOC65409	LOC65409	XM_93925	LOC654096			PREDICTED: Homo sap		XM_93925
ILMN_175	GLE1 ||Hor	GLE1	NM_00100	GLE1		9	Homo sapi	hGLE1	NM_00100
ILMN_324	RNY4 ||Ho	RNY4	NR_00439	RNY4		7	Homo sapi	Y4; HY4	NR_00439
ILMN_239	PRO1853 |	PRO1853	NM_14473	PRO1853		2	Homo sapiens hypothe		NM_14473
ILMN_171	ZNF786 ||H	ZNF786	NM_15241	ZNF786		7	Homo sapi	DKFZp762I	NM_15241
ILMN_165	HES4 ||Hor	HES4	NM_02117	HES4		1	Homo sapiens hairy an		NM_02117
ILMN_324	LOC10019	LOC10019	NR_02445	LOC10019		16	Homo sapiens hypothe		NR_02445
ILMN_236	CARS ||Ho	CARS	NM_00101	CARS		11	Homo sapi	CARS1; CYS	NM_00101
ILMN_175	MMP28 ||	MMP28	NM_00103	MMP28		17	Homo sapi	MMP25; M	NM_02430
ILMN_167	MTA1 ||Hc	MTA1	NM_00468	MTA1		14	Homo sapiens metasta		NM_00468
ILMN_179	MARS ||Hc	MARS	NM_00499	MARS		12	Homo sapi	FLJ35667; I	NM_00499
ILMN_170	TNFAIP3 ||	TNFAIP3	NM_00629	TNFAIP3		6	Homo sapi	A20; MGC1	NM_00629
ILMN_169	POLR2J4 ||	POLR2J4	XM_93582	POLR2J4			Homo sapi	RPB11-phi;	NR_00365
ILMN_167	GALNTL4 |	GALNTL4	NM_19851	GALNTL4		11	Homo sapi	GALNT18; I	NM_19851
ILMN_173	NRBP2 ||H	NRBP2	NM_17856	NRBP2		8	Homo sapi	pp9320; TR	NM_17856
ILMN_236	RAD51 ||H	RAD51	NM_13348	RAD51		15	Homo sapi	HsT16930;	NM_13348
ILMN_235	PTK7 ||Hor	PTK7	NM_15288	PTK7		6	Homo sapi	CCK4	NM_15288
ILMN_182	||Homo sapiens cDNA		Hs.296031	HS.296031	X		Homo sapiens cDNA clone IMAGE		
ILMN_176	EFHD2 ||H	EFHD2	NM_02432	EFHD2		1	Homo sapi	MGC4342;	NM_02432
ILMN_172	GMNN ||H	GMNN	NM_01589	GMNN		6	Homo sapi	Gem; RP3-	NM_01589
ILMN_323	ZC3H12C |	ZC3H12C	NM_03339	ZC3H12C		11	Homo sapi	KIAA1726	NM_03339
ILMN_169	RALGDS ||	RALGDS	NM_00626	RALGDS		9	Homo sapi	RGF; RalGE	NM_00626
ILMN_178	IRX2 ||Hor	IRX2	NM_03326	IRX2		5	Homo sapiens iroquois		NM_03326
ILMN_171	CEBPG ||H	CEBPG	NM_00180	CEBPG		19	Homo sapi	GPE1BP; IG	NM_00180
ILMN_227	SLC4A5 ||H	SLC4A5	NM_13347	SLC4A5		2	Homo sapi	NBC4; MG	NM_13347
ILMN_205	ANKRD44 |	ANKRD44	NM_15369	ANKRD44		2	Homo sapi	MGC70444	NM_15369
ILMN_168	CDCA4 ||H	CDCA4	NM_01795	CDCA4		14	Homo sapi	MGC19517	NM_14570
ILMN_166	C1orf24 ||	C1orf24	NM_05296	C1ORF24		1	Homo sapi	NIBAN	NM_05296
ILMN_227	FCAR ||Ho	FCAR	NM_13327	FCAR		19	Homo sapi	CD89	NM_13327
ILMN_168	CDC42BPB	CDC42BPB	NM_00603	CDC42BPB		14	Homo sapi	KIAA1124;	NM_00603
ILMN_166	OAF ||Hon	OAF	NM_17850	OAF		11	Homo sapi	NS5ATP13	NM_17850
ILMN_180	SPN ||Hon	SPN	NM_00103	SPN		16	Homo sapi	GPL115; CI	NM_00103
ILMN_211	LMO4 ||Hc	LMO4	NM_00676	LMO4		1	Homo sapiens LIM don		NM_00676

ILMN_166	MAD2L2 ||	MAD2L2	NM_00634	MAD2L2	1	Homo sapi	REV7; MAD	NM_00634
ILMN_172	IRF6 ||Hon	IRF6	NM_00614	IRF6	1	Homo sapi	VWS; LPS; I	NM_00614
ILMN_170	TWF2 ||Hc	TWF2	NM_00728	TWF2	3	Homo sapi	MSTP011; /	NM_00728
ILMN_170	PTGR1 ||H	PTGR1	NM_01221	PTGR1	9	Homo sapi	MGC34943	NM_01221
ILMN_165	PHLDA3 ||	PHLDA3	NM_01239	PHLDA3	1	Homo sapi	TIH1	NM_01239
ILMN_326	LOC10013(	LOC10013(	XM_00172	LOC100130561		PREDICTED: Homo sap		XM_00172
ILMN_226	NEDD9 ||H	NEDD9	NM_00640	NEDD9	6	Homo sapi	dJ761I2.1; (	NM_00640
ILMN_174	STX16 ||Hc	STX16	NM_00376	STX16	20	Homo sapi	hsyn16; SY	NM_00100
ILMN_170	TGIF2 ||Hc	TGIF2	NM_02180	TGIF2	20	Homo sapiens TGFB-in		NM_02180
ILMN_326	LOC10012(	LOC10012(	XM_00172	LOC100129905		PREDICTED: Homo sap		XM_00172
ILMN_235	CD68 ||Ho	CD68	NM_00125	CD68	17	Homo sapi	DKFZp686N	NM_00125
ILMN_180	KIFC2 ||Ho	KIFC2	NM_14575	KIFC2	8	Homo sapiens kinesin		NM_14575
ILMN_171	NQO2 ||Hc	NQO2	NM_00090	NQO2		Homo sapi	DHQV; DIA	NM_00090
ILMN_169	ERN1 ||Ho	ERN1	NM_15246	ERN1	17	Homo sapi	MGC16327	NM_15246
ILMN_172	USP3 ||Ho	USP3	NM_00653	USP3	15	Homo sapi	UBP; MGC1	NM_00653
ILMN_179	EGFR ||Ho	EGFR	NM_00522	EGFR	7	Homo sapi	ERBB1; ERE	NM_00522
ILMN_210	MBTD1 ||H	MBTD1	NM_01764	MBTD1	17	Homo sapi	SA49P01; F	NM_01764
ILMN_319	LOC10013(	LOC10013(	XM_00172	LOC100130892		PREDICTED: Homo sap		XM_00172
ILMN_323	LOC72802(	LOC72802(	XM_00112	LOC728026	9	PREDICTED: Homo sap		XM_00112
ILMN_171	LAYN ||Ho	LAYN	NM_17883	LAYN	11	Homo sapi	FLJ30977; F	NM_17883
ILMN_166	ITGA2 ||Hc	ITGA2	NM_00220	ITGA2	5	Homo sapi	CD49B; VLA	NM_00220
ILMN_178	ARL2 ||Hoi	ARL2	NM_00166	ARL2	11	Homo sapi	ARFL2	NM_00166
ILMN_188	||Homo sapiens cDNA		Hs.535028	HS.535028	7	Homo sapiens cDNA: FLJ22720 fis,		
ILMN_211	TNNT1 ||H	TNNT1	NM_00328	TNNT1	19	Homo sapi	ANM; MGC	NM_00328
ILMN_167	SDK2 ||Ho	SDK2	NM_01906	SDK2	17	Homo sapi	FLJ10832; I	NM_01906
ILMN_176	EGR1 ||Ho	EGR1	NM_00196	EGR1	5	Homo sapi	G0S30; AT2	NM_00196
ILMN_168	USP49 ||H	USP49	NM_01856	USP49	6	Homo sapi	MGC20741	NM_01856
ILMN_180	ROBO1 ||H	ROBO1	NM_13363	ROBO1	3	Homo sapi	FLJ21882; S	NM_13363
ILMN_165	ERGIC1 ||H	ERGIC1	NM_02046	ERGIC1	5	Homo sapi	ERGIC32; M	NM_02046
ILMN_322	LOC72942(	LOC72942(	XM_00172	LOC729423		PREDICTED: Homo sap		XM_00172
ILMN_240	TOP1MT ||	TOP1MT	NM_05296	TOP1MT	8	Homo sapi	2900052H(	NM_05296
ILMN_171	TXNRD1 ||	TXNRD1	NM_00333	TXNRD1	12	Homo sapi	MGC9145;	NM_00109
ILMN_324	LOC10013(	LOC10013(	XM_00172	LOC100134	7	PREDICTED: Homo sap		XM_00172
ILMN_171	TMEM16A	TMEM16A	NM_01804	TMEM16A	11	Homo sapi	ORAOV2; F	NM_01804
ILMN_165	KHNYN ||H	KHNYN	NM_01529	KHNYN	14	Homo sapiens KH and		NM_01529
ILMN_169	CTSC ||Hoi	CTSC	NM_00181	CTSC	11	Homo sapi	JPD; DPP1;	NM_00181
ILMN_209	TMEM16A	TMEM16A	NM_01804	TMEM16A	11	Homo sapi	ORAOV2; F	NM_01804
ILMN_210	GDPD1 ||H	GDPD1	NM_18256	GDPD1	17	Homo sapi	FLJ27503; I	NM_18256
ILMN_173	TKT ||Hom	TKT	NM_00106	TKT	3	Homo sapi	TKT1; FLJ34	NM_00106
ILMN_169	CEBPB ||H	CEBPB	NM_00519	CEBPB	20	Homo sapi	CRP2; TCF5	NM_00519
ILMN_176	FLRT2 ||Hc	FLRT2	NM_01323	FLRT2	14	Homo sapi	KIAA0405	NM_01323
ILMN_330	LOC72910(	LOC72910(	XR_01589	LOC729102	3	PREDICTED: Homo sap		XR_015895
ILMN_166	LFNG ||Ho	LFNG	NM_00230	LFNG	7	Homo sapi	SCDO3	NM_00104
ILMN_165	ZCCHC11 |	ZCCHC11	NM_00100	ZCCHC11	1	Homo sapi	PAPD3	NM_00100
ILMN_207	LSM2 ||Ho	LSM2	NM_02117	LSM2	6	Homo sapi	G7b; snRNF	NM_02117
ILMN_180	FAM89B ||	FAM89B	NM_15283	FAM89B	11	Homo sapi	MTVR1	NM_00109
ILMN_171	CELSR2 ||H	CELSR2	NM_00140	CELSR2	1	Homo sapi	CDHF10; FL	NM_00140

ILMN_1743	LOC653829	LOC653829	XM_93580	LOC653829			PREDICTED: Homo sap	XM_93580
ILMN_1684	SPIN4 ||Hc	SPIN4	NM_00101	SPIN4	X		Homo sapi	MGC13322	NM_00101
ILMN_2395	GABBR1 ||	GABBR1	NM_02190	GABBR1		6	Homo sapi	dJ271M21.	NM_02190
ILMN_1677	LRP8 ||Hor	LRP8	NM_03330	LRP8		1	Homo sapi	HSZ75190;	NM_01752
ILMN_1706	KLHL5 ||Hc	KLHL5	NM_00100	KLHL5		4	Homo sapiens kelch-lik		NM_00100
ILMN_1686	FYN ||Hom	FYN	NM_00203	FYN		6	Homo sapi	MGC45350	NM_15304
ILMN_2262	PDE7A ||H	PDE7A	NM_00260	PDE7A		8	Homo sapi	HCP1; PDE	NM_00260
ILMN_1695	DCBLD1 ||	DCBLD1	NM_17367	DCBLD1		6	Homo sapi	MGC46341	NM_17367
ILMN_1810	SLC6A15 ||	SLC6A15	NM_18276	SLC6A15		12	Homo sapi	FLJ10316; [	NM_18276
ILMN_2041	SQLE ||Hor	SQLE	NM_00312	SQLE		8	Homo sapi	FLJ30795	NM_00312
ILMN_3237	ANO1 ||Hc	ANO1	NM_01804	ANO1		11	Homo sapiens anoctan		NM_01804
ILMN_1880	||Homo sapiens cDNA		Hs.549989	HS.549989		3	Homo sapiens cDNA: FLJ22140 fis,		
ILMN_1694	PSCD1 ||H	PSCD1	NM_01745	PSCD1		17	Homo sapi	D17S811E;	NM_01745
ILMN_1806	PPFIBP1 ||	PPFIBP1	NM_17744	PPFIBP1		12	Homo sapi	hSgt2p; L2;	NM_00362
ILMN_2220	HNRPA1L-2	HNRPA1L-2	NR_00294	HNRPA1L-2		19	Homo sapiens heterog		NR_00294
ILMN_1668	PCSK9 ||Hc	PCSK9	NM_17493	PCSK9		1	Homo sapi	NARC1; NA	NM_17493
ILMN_3248	SNRNP70 |	SNRNP70	NM_00308	SNRNP70		19	Homo sapi	U1AP; RPU	NM_00308
ILMN_1719	FBL ||Hom	FBL	NM_00143	FBL		19	Homo sapi	RNU3IP1; F	NM_00143
ILMN_1905	||Homo sapiens cDNA		Hs.34558	HS.34558		19	Homo sapiens cDNA: FLJ21199 fis,		
ILMN_1776	SAC3D1 ||I	SAC3D1	NM_01329	SAC3D1		11	Homo sapi	HSU79266;	NM_01329
ILMN_1672	MBP ||Hor	MBP	NM_00102	MBP		18	Homo sapi	MGC99675	NM_00102
ILMN_1811	LOC400986	LOC400986	NM_00101	LOC400986			PREDICTED: Homo sap	XM_00112	
ILMN_1707	BTG3 ||Ho	BTG3	NM_00680	BTG3		21	Homo sapi	TOB55; TOI	NM_00680
ILMN_1652	WDR91 ||H	WDR91	NM_01414	WDR91		7	Homo sapi	HSPC049	NM_01414
ILMN_1741	C7orf47 ||	C7orf47	NM_14503	C7ORF47		7	Homo sapi	MGC22793	NM_14503
ILMN_1797	MYO1B ||H	MYO1B	NM_01222	MYO1B		2	Homo sapi	myr1	NM_01222
ILMN_1764	JARID2 ||H	JARID2	NM_00497	JARID2		6	Homo sapi	JMJ	NM_00497
ILMN_1748	LOC400304	LOC400304	XM_37515	LOC400304		15	PREDICTED: Homo sap	XM_37515	
ILMN_1814	MDC1 ||Hc	MDC1	NM_01464	MDC1		6	Homo sapi	NFBD1; DK	NM_01464
ILMN_1809	HMGB1L1	HMGB1L1	NM_00100	HMGB1L1		20	Homo sapi	HMG1L7; d	NM_00100
ILMN_1796	ASNS ||Ho	ASNS	NM_13343	ASNS		7	Homo sapi	TS11	NM_13343
ILMN_2189	NUDT11 ||	NUDT11	NM_01815	NUDT11	X		Homo sapi	FLJ10628; [	NM_01815
ILMN_1664	FLNB ||Hor	FLNB	NM_00145	FLNB		3	Homo sapi	FLN1L; filar	NM_00145
ILMN_2091	LOC123688	LOC123688	NM_00101	LOC123688		15	Homo sapiens similar t		NM_00101
ILMN_1735	RTTN ||Ho	RTTN	NM_17363	RTTN		18	Homo sapi	FLJ26356; [	NM_17363
ILMN_2347	CCNB1IP1	CCNB1IP1	NM_18285	CCNB1IP1		14	Homo sapi	C14orf18; I	NM_18285
ILMN_1722	BMP2 ||Hc	BMP2	NM_00120	BMP2		20	Homo sapi	BMP2A	NM_00120
ILMN_1792	RNF165 ||I	RNF165	NM_15247	RNF165		18	Homo sapiens ring fing		NM_15247
ILMN_2371	EFNA1 ||H	EFNA1	NM_00442	EFNA1		1	Homo sapi	B61; EPLG1	NM_00442
ILMN_2383	STEAP3 ||I	STEAP3	NM_01823	STEAP3		2	Homo sapi	STMP3; du	NM_01823
ILMN_1793	ALDH2 ||H	ALDH2	NM_00069	ALDH2		12	Homo sapi	ALDM; ALD	NM_00069
ILMN_2154	BTG3 ||Ho	BTG3	NM_00680	BTG3		21	Homo sapi	TOB55; TOI	NM_00680
ILMN_1808	FSCN1 ||Hc	FSCN1	NM_00308	FSCN1		7	Homo sapi	FLJ38511; S	NM_00308
ILMN_1692	PSAT1 ||Hc	PSAT1	NM_02115	PSAT1		9	Homo sapi	MGC1460;	NM_02115
ILMN_1773	LAMA5 ||H	LAMA5	NM_00556	LAMA5		20	Homo sapi	KIAA1907	NM_00556
ILMN_2331	TNFRSF6B	TNFRSF6B	NM_03294	TNFRSF6B		20	Homo sapi	DJ583P15.1	NM_03294
ILMN_1694	CRIP2 ||Hc	CRIP2	NM_00131	CRIP2		14	Homo sapi	CRP2; CRIP	NM_00131

ILMN_2217	FABP5L3 ||	FABP5L3	NR_002935	FABP5L3	7	Homo sapiens fatty aci	NR_002935
ILMN_2340	NCOR2 || H	NCOR2	NM_006315	NCOR2	12	Homo sapi	TNRC14; SM	NM_006315
ILMN_1657	CCL20 || Hc	CCL20	NM_004591	CCL20	2	Homo sapi	SCYA20; M	NM_004591
ILMN_2320	APBB3 || H	APBB3	NM_133171	APBB3	5	Homo sapi	MGC87674	NM_133171
ILMN_1670	DFNA5 || H	DFNA5	NM_004403	DFNA5	7	Homo sapi	ICERE-1	NM_004403
ILMN_1771	RRM1 || Hc	RRM1	NM_001033	RRM1	11	Homo sapi	RR1; R1; RI	NM_001033
ILMN_1740	ACOT7 || H	ACOT7	NM_181864	ACOT7	1	Homo sapi	hBACH; LA(	NM_181864
ILMN_2129	EXT1 || Hoi	EXT1	NM_000127	EXT1	8	Homo sapi	ttv; EXT	NM_000127
ILMN_1715	MET || Hor	MET	NM_000245	MET	7	Homo sapi	RCCP2; HG	NM_000245
ILMN_2093	MYO1B || H	MYO1B	NM_012223	MYO1B	2	Homo sapi	myr1	NM_012223
ILMN_1811	SLC5A8 || H	SLC5A8	NM_145913	SLC5A8	12	Homo sapi	SMCT; MG(	NM_145913
ILMN_1712	XDH || Hon	XDH	NM_000379	XDH	2	Homo sapi	XOR; XO	NM_000379
ILMN_2398	ASNS || Ho	ASNS	NM_133436	ASNS	7	Homo sapi	TS11	NM_133436
ILMN_1815	NINJ1 || Hc	NINJ1	NM_004148	NINJ1	9	Homo sapi	NIN1; NINJ	NM_004148
ILMN_1751	KLF11 || PR	KLF11	XM_938886	KLF11		PREDICTED: Homo sap		XM_001129
ILMN_1703	BAIAP2L1 |	BAIAP2L1	NM_018842	BAIAP2L1	7	Homo sapi	IRTKS	NM_018842
ILMN_1687	AKR1C4 || I	AKR1C4	XM_940685	AKR1C4	10	Homo sapi	CDR; CHDR	NM_001818
ILMN_1787	C16orf48 |	C16orf48	NM_032142	C16ORF48	16	Homo sapi	DAKV6410;	NM_032142
ILMN_1726	MAP3K5 ||	MAP3K5	NM_005923	MAP3K5	6	Homo sapi	MEKK5; AS	NM_005923
ILMN_1715	SLC25A37 |	SLC25A37	NM_016612	SLC25A37	8	Homo sapi	PRO2217; I	NM_016612
ILMN_1707	SLC1A5 || H	SLC1A5	NM_005628	SLC1A5	19	Homo sapi	M7V1; ATB	NM_005628
ILMN_2367	ATP2B4 || I	ATP2B4	NM_001684	ATP2B4	1	Homo sapi	DKFZp686M	NM_001684
ILMN_1680	ATP2B4 || I	ATP2B4	NM_001684	ATP2B4	1	Homo sapi	DKFZp686M	NM_001001
ILMN_2336	SOD2 || Ho	SOD2	NM_001024	SOD2	6	Homo sapi	MNSOD; IP	NM_001024
ILMN_1752	BCL11A || H	BCL11A	NM_022898	BCL11A	2	Homo sapi	BCL11A-L; (	NM_022898
ILMN_3308	MIR205 || I	MIR205	NR_029622	MIR205		Homo sapiens microRI		NR_029622
ILMN_1672	ZC3H12A |	ZC3H12A	NM_025079	ZC3H12A	1	Homo sapi	MCPIP; FLJ	NM_025079
ILMN_1715	RPS6KA1 |	RPS6KA1	NM_001006	RPS6KA1	1	Homo sapi	HU-1; MAP	NM_002953
ILMN_1682	RAI14 || Hc	RAI14	NM_015577	RAI14	5	Homo sapi	KIAA1334;	NM_015577
ILMN_1671	GPR68 || H	GPR68	NM_003485	GPR68	14	Homo sapi	MGC11137	NM_003485
ILMN_1795	COL17A1 |	COL17A1	NM_000494	COL17A1	10	Homo sapi	KIAA0204;	NM_000494
ILMN_3310	MIR21 || H	MIR21	NR_029493	MIR21		Homo sapiens microRI		NR_029493
ILMN_1657	LEPREL1 ||	LEPREL1	NM_018192	LEPREL1	3	Homo sapi	FLJ10718; I	NM_018192
ILMN_1725	RASA1 || H	RASA1	NM_002890	RASA1	5	Homo sapi	p120RASG/	NM_002890
ILMN_1671	LPIN1 || Hc	LPIN1	NM_145693	LPIN1	2	Homo sapi	DKFZp781F	NM_145693
ILMN_1740	APBB3 || H	APBB3	NM_006051	APBB3	5	Homo sapi	MGC87674	NM_133171
ILMN_1776	PRSS22 || H	PRSS22	NM_022119	PRSS22	16	Homo sapi	hBSSP-4; M	NM_022119
ILMN_1712	FAM20C ||	FAM20C	NM_020223	FAM20C	7	Homo sapi	RNS; DMP4	NM_020223
ILMN_1664	PPP1R14C	PPP1R14C	NM_030949	PPP1R14C	6	Homo sapi	KEPI; NY-BI	NM_030949
ILMN_3245	NEURL1B |	NEURL1B	NM_001142	NEURL1B	5	Homo sapiens neuraliz		NM_001142
ILMN_1745	CDC42EP4	CDC42EP4	NM_012121	CDC42EP4	17	Homo sapi	MGC17125	NM_012121
ILMN_1672	SEMA4B ||	SEMA4B	NM_020210	SEMA4B	15	Homo sapi	KIAA1745;	NM_198923
ILMN_1655	TSHZ2 || Hc	TSHZ2	NM_173485	TSHZ2	20	Homo sapi	TSH2; ZNF2	NM_173485
ILMN_2380	C1QTNF1 |	C1QTNF1	NM_198593	C1QTNF1	17	Homo sapi	CTRP1; ZSI(	NM_198593
ILMN_1671	PCK2 || Ho	PCK2	NM_004563	PCK2	14	Homo sapi	PEPCK; PEP	NM_004563
ILMN_1810	FAM129A |	FAM129A	NM_022083	FAM129A	1	Homo sapi	NIBAN; FLJ	NM_052966
ILMN_1704	CDH3 || Ho	CDH3	NM_001793	CDH3	16	Homo sapi	HJMD; PCA	NM_001793

ILMN_1691	MT1A ||Hc	MT1A	NM_00594	MT1A		16	Homo sapi	MTC; MT1; NM_00594
ILMN_1659	MSN ||Hor	MSN	NM_00244	MSN	X		Homo sapiens moesin	NM_00244
ILMN_1715	MT1G ||Hc	MT1G	NM_00595	MT1G		16	Homo sapi	MT1; MT1I NM_00595
ILMN_2073	S1PR5 ||Hc	S1PR5	NM_03076	S1PR5		19	Homo sapi	SPPR-2; SPI NM_03076
ILMN_1661	DDIT4 ||Hc	DDIT4	NM_01905	DDIT4		10	Homo sapi	RTP801; Di NM_01905
ILMN_1677	ABCC3 ||H	ABCC3	NM_02003	ABCC3		17	Homo sapi	cMOAT2; M NM_00378
ILMN_1763	C7orf10 ||	C7orf10	NM_02472	C7ORF10		7	Homo sapi	FLJ11808; (NM_02472
ILMN_2384	LRRCC1 ||I	LRRCC1	NM_03340	LRRCC1		8	Homo sapi	SAP2; KIAA NM_03340
ILMN_1752	DHRS3 ||H	DHRS3	NM_00475	DHRS3		1	Homo sapi	retSDR1; SI NM_00475
ILMN_1787	TRIB3 ||Hc	TRIB3	NM_02115	TRIB3		20	Homo sapi	TRB3; C20c NM_02115
ILMN_1686	MT2A ||Hc	MT2A	NM_00595	MT2A		16	Homo sapi	MT2 NM_00595
ILMN_1663	MAOA ||H	MAOA	NM_00024	MAOA	X		Homo sapiens monoar	NM_00024
ILMN_3298	LOC72887	LOC72887	XR_01567	LOC72887		3	PREDICTED: Homo sap	XR_015679
ILMN_2255	BCL11A ||I	BCL11A	NM_02289	BCL11A		2	Homo sapi	BCL11A-L; (NM_02289
ILMN_1662	C20orf127	C20orf127	NM_08075	C20ORF12		20	Homo sapi	dJ614O4.6; NM_08075
ILMN_2146	FABP5 ||Hc	FABP5	NM_00144	FABP5		8	Homo sapi	PA-FABP; P NM_00144
ILMN_2412	AKR1C2 ||I	AKR1C2	NM_00135	AKR1C2		10	Homo sapi	BABP; HBA NM_00135
ILMN_1684	SEC14L2 ||	SEC14L2	NM_01242	SEC14L2		22	Homo sapi	KIAA1658; NM_01242
ILMN_1758	FAM107B |	FAM107B	NM_03145	FAM107B		10	Homo sapi	FLJ45505; (NM_03145
ILMN_1803	ADA ||Hon	ADA	NM_00002	ADA		20	Homo sapiens adenosi	NM_00002
ILMN_2136	MTE ||Hor	MTE	NM_17562	MTE			Homo sapi	MT1I NM_17562
ILMN_1806	TYMS ||Hc	TYMS	NM_00107	TYMS		18	Homo sapi	TS; TSase; T NM_00107
ILMN_1701	RP5-1022P	RP5-1022P	NM_01959	RP5-1022P		20	Homo sapi	RP5-1022P NM_01959
ILMN_2399	MMP28 ||	MMP28	NM_00103	MMP28		17	Homo sapi	MMP25; M NM_00103
ILMN_2219	HMGB2 ||I	HMGB2	NM_00212	HMGB2		4	Homo sapi	HMG2 NM_00212
ILMN_2331	TNFRSF6B	TNFRSF6B	NM_03294	TNFRSF6B		20	Homo sapi	DJ583P15.1 NM_03294
ILMN_1704	PHGDH ||I	PHGDH	NM_00662	PHGDH		1	Homo sapi	PGD; 3-PGI NM_00662
ILMN_2173	MT1E ||Hc	MT1E	NM_17561	MT1E		16	Homo sapi	MT1; MTD NM_17561
ILMN_1794	HAS3 ||Ho	HAS3	NM_00532	HAS3		16	Homo sapiens hyaluro	NM_00532
ILMN_1778	RHCG ||Hc	RHCG	NM_01632	RHCG		15	Homo sapi	C15orf6; PI NM_01632
ILMN_1788	SERPINA3 |	SERPINA3	NM_00108	SERPINA3		14	Homo sapi	GIG24; GIG NM_00108

C-hTERT/EPC-hTERT-p53^{R175H}-neo cells

UNIGENE_I	ENTREZ_GI	GI	ACCESSION	CYTOBAND	EPC_hTERT	EPC_hTERT	EPC_hTERT	EPC_hTERT
5.1	10631	5453833	NM_00647	13q13.3c	8.293	7.668	7.696	7.222
1.2	405753	98986324	NM_20758	15q21.1a	7.172	7.088	7.249	6.96
0.4	50506	1.33E+08	NM_01408	15q21.1a	6.907	7.045	7.185	7.042
5.2	131177	38455417	NM_13880	3p14.2d	8.853	8.907	9.007	8.985
2.2	2537	94538329	NM_02287	1p35.3b	11.309	11.731	11.213	11.254
0.2	126638	1.13E+08	XM_93720	1q21.3b	7.937	8.267	7.914	8.299
4.3	3620	38455405	NM_00216	8p11.22a-p	6.965	6.889	6.903	6.918
6834.1	1E+08	1.69E+08	XM_00172	19p13.11d	9.661	9.953	9.608	9.388
5.2	684	7262372	NM_00433	19p13.11d	8.847	9.229	8.624	8.507
6.2	1513	23110958	NM_00039	1q21.2c	9.175	8.79	8.761	7.901
4.4	3620	1.56E+08	NM_00216	8p11.22a-p	7.082	6.897	6.957	6.941
9.2	3437	31542979	NM_00154	10q23.31b	7.887	7.579	7.98	7.316
5.4	726	87044927	NM_00405	11q13.5c	7.896	7.872	7.909	7.818
5.2	6772	21536299	NM_00731	2q32.2b	9.297	9.555	9.268	9.026
.1	645638	1.69E+08	XR_040455	17q23.1a	12.34	12.424	12.62	12.184
1.1	11254	6005714	NM_00723	Xq23d	7.796	7.899	8.298	7.697
6.2	4938	74229012	NM_01681	12q24.13b	8.765	8.734	8.444	8.447
3.2	219285	51339290	NM_15270	7q21.2b-q2	8.808	9.002	8.855	8.764
0909.1	394263	58219025	NM_00101	6p21.33a	9.031	9.1	9.386	9.05
0.2	94025	83367076	NM_02469	19p13.2d	7.919	7.599	7.448	7.343
7.2	8942	74101435	NM_00393	2q22.2a	8.797	8.831	8.514	8.814
8.4	79098	56550121	NM_02393	1q32.1h	10.692	10.989	10.934	10.511
6.1	6772	21536300	NM_13926	2q32.2b	11.131	11.214	10.82	10.575
0909.2	394263	1.61E+08	NM_00101	6p21.33a	9.957	10.059	10.137	10.401
1.4	55601	1.42E+08	NM_01763	4q32.3e	8.744	8.555	8.574	8.137
7.2	144501	1.26E+08	NM_18250	12q13.13d	9.999	10.181	10.112	9.588
1588.1	389599	1.13E+08	XM_00113	7q36.1c	9.115	8.881	9.001	8.673
3.2	387695	1.22E+08	NM_20737	10q23.1c	9.283	9.41	9.468	9.252
2.2	1828	1.2E+08	NM_00194	18q12.1d	9.254	8.697	9.117	8.918
1.2	23171	34222096	NM_01514	3p22.3c	9.068	8.991	9.415	9.08
2.3	55008	61563741	NM_01791	4q22.1b	9.937	10.119	9.961	9.456
3.1	2633	4503938	NM_00205	1p22.2c	8.973	9.204	8.891	8.498
0909.1	394263	58219025	NM_00101	6p21.33a	10.382	10.419	11.067	10.835
3.3	245973	87159813	NM_14458	2p25.1c	7.189	7.417	7.216	7.371
4.3	6374	41872613	NM_00299	4q13.3d	7.17	7.007	7.001	6.996
3.1	4600	11342663	NM_00246	21q22.3a	8.486	8.973	8.751	8.956
0.3	1634	47419925	NM_00192	12q21.33c	7.342	7.089	7.232	7.046
2409.1	4938	74229014	NM_00103	12q24.13b	9.06	9.352	9.345	9.467
7635.1	2650	1.48E+08	NM_00109	9q21.13c	7.697	7.585	7.948	7.629
2.1	2139	26667234	NM_17211	20q13.12c	7.407	7.702	7.797	7.636
1683.1	3437	72534657	NM_00103	10q23.31b	7.386	7.263	7.489	7.178
7.3	10561	1.42E+08	NM_00641	1p31.1e	9.786	9.944	9.802	10.044
Hs.171481		46566493	CN484989		7.776	7.855	7.946	7.832

3.2	2537	94538330	NM_02287	1p35.3b	12.674	13.261	12.689	13.103
5.2	84941	40254993	NM_03285	19p13.11f	7.296	7.543	7.283	7.237
3.2	2152	10518499	NM_00199	1p21.3d	10.227	10.248	10.43	10.166
6.2	154091	93277101	NM_14517	6q23.2d	9.038	9.27	8.631	8.485
8.1	83666	13899296	NM_03145	3q21.1a	9.945	9.993	9.861	9.908
3.5	11343	51242951	NM_00728	3q21.3b	8.775	8.781	9.037	8.73
3407.1	3983	51173712	NM_00100	10q25.3a	9.267	8.859	9.572	9.364
2.3	3429	55925613	NM_00553	14q32.13a	12.327	13.149	12.6	12.847
2.2	4599	18490989	NM_00246	21q22.3a	12.158	12.605	12.23	12.317
2409.1	4938	74229014	NM_00103	12q24.13b	9.436	9.557	9.573	9.688
7.2	56271	1.13E+08	XM_93646	Xq22.1e	7.576	7.624	7.694	7.269
1.5	55437	1.31E+08	NM_01857	2q33.1f	8.869	8.808	8.942	8.762
3.2	4925	1.16E+08	NM_00501	11p15.1d	9.226	9.179	9.144	8.909
4.2	221	71773289	NM_00069	11q13.2a	7.023	7.142	7.334	7.001
5.2	57169	1.24E+08	NM_02103	20q13.13c	9.54	9.629	9.726	9.5
5.2	94240	50428918	NM_03325	13q14.11c-	10.492	10.726	10.384	9.927
1.2	60488	16950602	NM_02182	12p11.22b	9.489	9.132	9.519	8.999
9.2	126969	32698778	NM_15236	1p21.3d	8.591	8.475	8.463	8.193
2998.1	8942	74101436	NM_00103	2q22.2a	7.649	7.601	7.45	7.393
0.2	7379	1.42E+08	NM_00676	11q23.3e	7.158	7.239	7.131	6.933
4.2	81790	21361953	NM_03095	8p11.21a	8.868	8.719	8.742	8.444
1.1	121506	22748702	NM_15232	12p12.3e	7.742	7.8	7.643	7.851
.2	399988	1.69E+08	XR_018287	12p13.32b	11.508	11.832	11.767	11.495
7.3	3312	24234684	NM_00659	11q24.1b	12.467	12.538	12.507	12.195
4.2	5678	21314634	NM_00278	19q13.31a	7.425	7.206	7.502	7.217
8.2	25801	21614521	NM_01219	2q24.2d	8.264	8.226	8.109	7.971
3.1	8638	38016929	NM_19821	12q24.31a	7.774	8.098	7.511	7.396
.1	642567	1.69E+08	XR_038054	3p13b	12.574	11.98	11.756	11.589
1.1	3312	24234685	NM_15320	11q24.1b	12.36	12.5	12.567	12.142
8.1	83666	13899296	NM_03145	3q21.1a	9.797	9.775	9.657	9.4
2.2	6159	17105395	NM_00099	3p21.1e	8.65	8.698	8.741	8.89
9891.2	441531	84370365	NM_00102	Xq21.1a	11.21	10.984	11.19	10.717
0.1	6990	5730086	NM_00652	Xp11.4e	10.812	10.662	11.059	10.352
0.3	3983	51173716	NM_00672	10q25.3a	11.207	11.084	11.402	11.527
.1	10740	84872006	NR_00272	22q12.2a	6.879	6.872	6.802	7.061
.2	643384	1.69E+08	XR_016363	4p16.2b	9.535	9.747	9.925	9.64
2967.1	91351	1.49E+08	NM_00101	4q32.3e	7.691	7.905	7.549	7.396
2610.1	79007	1.11E+08	NM_00104	16q24.3b	9.246	9.573	9.381	9.558
7.3	85315	1.42E+08	NM_13336	6p12.2a	7.37	7.276	7.573	7.266
2.2	2495	56682958	NM_00203	11q12.3a	11.638	11.672	11.602	11.358
4.4	10099	38787975	NM_00572	15q24.3a	9.291	9.04	9.419	8.896
7963.2	3320	1.54E+08	NM_00101	14q32.31c	12.315	11.963	11.995	11.866
4.2	2352	9257219	NM_00080	11q13.4a	7.495	7.986	7.312	7.204
3657.1	1E+08	1.69E+08	XM_001713657.1		8.497	8.217	8.592	8.254
0.3	2519	40068511	NM_03202	6q24.2b	7.781	7.939	7.81	7.445
3.2	1634	47419926	NM_13350	12q21.33c	7.045	6.989	7.108	6.81
5.1	1410	4503056	NM_00188	11q23.1b	8.372	8.832	8.393	8.571

9.1	8634	4506588	NM_00372	1p21.2a	9.856	9.835	10.195	9.584
7.2	144501	1.26E+08	NM_18250	12q13.13d	12.307	12.32	12.504	12.176
8199.1	2825	1.48E+08	NM_00109	2q33.3b	7.911	7.666	7.576	7.646
.1	341965	1.69E+08	XR_03916	14q32.2b	8.706	8.405	8.767	8.384
7.4	51669	42476192	NM_01612	8p12e	12.233	12.036	12.238	11.75
6.3	5671	1.09E+08	NM_02101	19q13.31a	7.963	7.864	8.137	8.147
7.2	51056	41393560	NM_01590	4p15.32b	10.256	10.269	10.146	9.866
7.2	8706	84452148	NM_03316	3q26.1a	7.062	7.136	7.096	6.995
1.1	6137	15431294	NM_03325	16q24.3b	7.362	7.443	7.591	7.506
8223.1	55861	1.15E+08	NM_00104	20q13.12b	9.65	9.847	9.621	9.54
0.1	8803	11321582	NM_00385	13q14.2b	9.092	8.817	9.077	8.429
4.2	642502	1.13E+08	XM_92659	17p13.3d	7.737	7.893	8.022	7.87
9891.2	441531	84370365	NM_00102	Xq21.1a	9.332	8.965	9.429	8.895
4.3	11274	1.56E+08	NM_01741	22q11.21b	7.326	7.237	7.066	6.997
2.1	7319	32967275	NM_18176	Xq24c	10.371	9.987	10.216	9.824
3.2	2152	10518499	NM_00199	1p21.3d	12.429	12.549	12.32	12.214
8.2	51119	28416939	NM_01603	7q11.21e	10.342	10.28	10.505	10.281
4.2	56994	50726995	NM_02024	12q23.2a	8.834	8.538	8.769	8.625
8.1	650412	89061681	XM_939498.1		7.775	8.226	8.149	7.496
7.2	4940	45007006	NM_00618	12q24.13b	8.101	8.365	7.898	7.988
8.2	2064	54792095	NM_00444	17q12c	10.015	10.284	10.215	10.435
2.2	152926	31542532	NM_15254	4q22.1b	7.551	7.515	7.579	7.618
3.1	283932	2.11E+08	NR_02434	16p11.2c	8.115	7.977	7.902	7.73
0.1	79993	62461215	NM_02493	5q12.1b	7.326	7.333	7.371	7.495
0.2	81622	45580708	NM_03093	11q13.2a	8.473	8.827	8.761	8.686
3.2	139221	24432076	NM_15242	Xq22.3a-q2	7.04	7.043	7.078	6.917
3.2	1515	23110959	NM_00133	9q22.33a	12.762	12.941	12.657	12.417
3873.1	57228	76496486	NM_00103	12q13.13b	9.939	10.078	9.933	10.285
1.2	665	47078259	NM_00433	8p21.2b	9.714	9.412	9.449	9.202
0.2	55313	1.53E+08	NM_01834	16p13.12b	7.697	7.689	7.879	7.539
5.3	9314	34916057	NM_00423	9q31.2b	8.921	8.724	9.061	8.981
3059.1	262	74275347	NM_00103	6q21h	10.475	10.144	10.469	10.183
8.1	1376	4503022	NM_00009	1p32.3c	9.292	9.488	9.518	9.355
8.5	79098	1.45E+08	NM_02393	1q32.1h	7.242	7.268	7.444	7.244
0819.1	25843	1.55E+08	NM_00110	2q33.1b	8.153	8.072	8.303	8.198
3.5	6890	53759115	NM_00059	6p21.32a	10.733	10.913	10.539	10.291
7.3	5051	1.41E+08	NM_00043	1p36.11b	8.491	8.673	8.263	8.265
8.3	286208	89029959	XM_379668.3		8.411	8.688	8.413	8.356
8.3	55573	52856418	NM_01754	3q22.1d	10.089	9.981	9.867	9.616
2.3	29969	1.11E+08	NM_19907	7q31.1d-q3	7.286	7.077	7.164	7.179
0164.1	9749	1.54E+08	NM_00110	6q24.2b	8.85	8.545	8.77	8.901
.2	652995	2.13E+08	NR_015379.2		8.334	8.315	8.208	8.023
3656.1	1E+08	1.69E+08	XM_00171	1q23.3a	8.164	7.963	8.324	8.203
8.2	29984	17738304	NM_01457	11q13.1f	11.178	11.124	11.116	11.211
9.4	8824	37622884	NM_00386	16q22.1a	10.398	10.531	10.884	11.044
7.1	4636	4505304	NM_00247	4p16.3d	7.646	8	8.015	7.678
0815.1	647859	1.13E+08	XM_00113	5q13.2b	8.585	8.69	8.67	8.457

7.2	3959	6006016	NM_00556	17q25.3c	10.172	10.377	10.12	9.865
.1	554223	88998671	XR_001116.1		7.074	7.168	7.06	6.917
8108.2	10169	1.49E+08	NM_00101	15q15.3b	11.499	11.688	11.591	11.195
4.2	1604	40788009	NM_00057	1q32.2a	8.733	8.082	8.936	8.371
0.3	50999	47271455	NM_01604	1p22.1c	9.653	9.436	9.358	9.209
3.3	1829	1.89E+08	NM_00194	18q12.1d	12.441	12.255	12.221	11.927
8.1	4905	11079227	NM_00617	17q21.32a	8.234	8.217	8.309	7.915
5.3	27163	1.09E+08	NM_01443	4q21.1a	7.711	7.724	7.629	7.587
7.2	58505	40548405	NM_02122	4q25b	10.167	10.139	10.504	9.921
8213.1	10133	56549110	NM_00100	10p13e	10.486	10.385	10.379	10.017
Hs.62314		16553639	AK057720		7.443	7.44	7.424	7.532
2.3	4314	73808272	NM_00242	11q22.2b	7.298	7.304	7.081	7.023
8.2	64135	27886567	NM_02216	2q24.2d	10.861	10.894	10.39	10.793
5.3	27163	1.09E+08	NM_01443	4q21.1a	8.069	7.96	7.851	7.98
9.3	6373	14790145	NM_00540	4q21.1a	7.813	7.961	7.624	7.422
7.2	55610	62865870	NM_01766	7q21.3a	8.703	8.572	8.481	8.559
2.2	3385	12545399	NM_00216	19p13.2c	7.956	8.132	8.006	7.626
6.3	65982	34147626	NM_02392	19q13.43c	7.891	8.193	8.101	7.857
0.1	8803	11321582	NM_00385	13q14.2b	9.783	9.534	9.431	9.147
.1	643856	1.69E+08	XR_03758	12p13.31b	7.685	7.79	7.518	7.355
2.4	117157	55742889	NM_05328	1q23.3b	7.095	7.013	7.037	7.238
9.3	1509	23110949	NM_00190	11p15.5b	10.967	10.512	10.759	10.331
1701.1	401152	48717408	NM_00100	4q26f	9.361	9.233	9.307	9.271
6.2	3612	8393607	NM_00553	8q21.13c	8.548	8.601	8.958	8.672
7.2	3281	54234018	NM_00153	16q23.3b	10.204	10.143	10.199	9.762
2.1	57017	40789232	NM_02031	16q13c	9.719	9.948	9.643	9.619
4.4	706	74275349	NM_00071	22q13.2c	10.576	10.315	10.772	10.279
7.2	201266	31542247	NM_13917	17q24.3c-q	8.681	8.703	8.975	8.602
8.1	124975	23503264	NM_15333	17p13.2c	9.11	9.079	8.924	8.802
3.1	64115	62339431	NM_02215	10q22.1d-c	7.325	7.483	7.566	7.294
3.2	1829	1.17E+08	NM_00194	18q12.1d	9.248	8.725	8.773	8.502
7.1	4636	4505304	NM_00247	4p16.3d	7.57	7.699	7.819	7.626
6.2	55849	20070304	NM_01846	Xq23a	7.607	7.719	7.575	7.452
7.3	10961	77628146	NM_00681	12q24.13a	7.857	7.833	7.967	7.762
8.3	51068	1.42E+08	NM_01593	3q26.1a	9.339	8.917	9.185	8.929
0.2	51510	20127557	NM_01641	9p13.3e	8.979	9.025	9.454	9.281
5.3	1534	63054827	NM_00191	17q23.3a	8.776	8.955	9.315	9.259
7.3	400	33946322	NM_00117	12q23.2a	9.757	9.583	9.726	9.382
2393.1	3188	74099696	NM_00103	Xq22.1c	8.436	8.051	8.278	8.042
1.2	27248	20070263	NM_01570	2p16.2a	9.69	9.451	9.656	9.301
0813.1	730344	1.13E+08	XM_001130813.1		7.325	7.629	7.749	7.203
1.2	84693	21314761	NM_03260	2p13.3c-p1	9.258	9.303	9.343	9.247
0100.1	165679	93141041	NM_00104	3q26.1b	6.868	7.065	7.117	6.937
7.3	26355	49355720	NM_01436	3q21.1a	10.579	10.729	10.791	10.668
6681.1	474343	56682944	NM_00100	Xp11.1b	6.892	7.07	7.229	7.484
7.4	23527	1.88E+08	NM_01228	3q29e	7.689	7.586	7.926	7.484
4.1	5783	18375647	NM_08068	4q21.3c-q2	9.676	9.248	9.409	9.305

3.1	400759	1.13E+08	NR_003133.1		8.167	8.182	7.588	7.487
6.3	11234	31657126	NM_00721	11p15.1d-p	8.454	8.722	8.542	8.302
1.3	283932	58331249	NM_17590	16p11.2c	8.005	7.939	7.708	7.796
4.3	669	40353767	NM_00172	7q33b	8.042	8.023	7.882	8.055
4.1	9540	22538445	NM_14718	2p23.3d	10.568	10.642	10.721	10.699
3.1	23443	6912667	NM_01224	1p21.2a	8.81	8.818	9.023	9.041
..2	389386	1.69E+08	XR_017251	6p21.31a	8.133	8.276	8.117	7.903
Hs.125087		21176493	BQ437417		7.363	7.121	7.154	7.126
9.2	10197	30410793	NM_00578	17q21.31a	8.978	9.089	9.205	8.85
7.3	10226	51317356	NM_00581	19p13.3d	12.113	12.148	12.079	11.811
5.3	27230	1.1E+08	NM_01444	3q25.1b	9.498	9.03	9.287	8.97
3.3	79736	1.34E+08	NM_02468	17q11.2c	8.662	8.613	8.646	8.426
2.3	51527	62000632	NM_01647	14q32.2a	9.874	9.637	9.878	9.605
8.3	144100	48675826	NM_17505	11p15.1e	8.465	8.532	8.61	8.522
5.4	55667	94818780	NM_01792	9p22.1a	9.18	9.232	9.087	8.721
2.3	55314	1.42E+08	NM_01834	4q32.1d-q3	8.267	8.28	8.336	8.174
9.3	57619	2.03E+08	NM_02085	4q21.1b	8.603	8.811	8.632	8.317
7.2	23136	32490571	NM_01230	18p11.31c-	6.973	6.736	6.737	6.911
6.2	150684	56786145	NM_15251	2p15c	10.22	10.395	10.039	10.013
4.1	153129	27735148	NM_17351	5q11.2e	7.989	7.993	7.872	7.887
5.1	349236	32699075	NM_18263	9q22.2a	6.685	6.773	6.792	6.834
4.1	80349	13376839	NM_02523	15q25.1a	9.941	9.81	10.086	9.608
6.2	29099	1.42E+08	NM_01418	11p13a	8.881	8.976	8.7	8.734
2.1	115817	19923982	NM_13845	14q12a	11.375	11.473	11.483	11.717
1.2	1933	16519563	NM_02112	2q33.3b	8.336	8.403	8.509	8.343
6.2	4338	35493763	NM_17680	5q11.2b	7.289	6.89	7.209	7.174
3.2	155019	95006999	NR_00219	7q33a	8.201	7.86	8.338	7.931
2.2	55174	83582808	NM_01814	8p21.3c	9.077	9.359	9.232	8.99
1.2	79622	52851417	NM_02457	16p13.3f	8.491	8.731	8.403	8.216
.1	389386	1.69E+08	XR_037483	6p21.31a	7.615	7.696	7.781	7.616
7.2	54585	56676319	NM_02034	3p21.31j	8.221	8.284	8.315	8.076
8.1	4905	11079227	NM_00617	17q21.32a	10.241	10.152	10.309	10.12
4960.1	10093	68161510	NM_00102	3p25.3c	8.756	9.099	9.353	8.92
7.3	60412	82546829	NM_02180	7q33a	8.943	8.981	9.155	8.881
8.1	25911	39930354	NM_01544	10q24.32a	7.916	8.267	8.135	8.159
9.3	93210	45505179	NM_03341	17q12c	7.721	7.944	7.781	7.667
8.1	124152	23397455	NM_15320	16p12.3a	8.956	9.019	9.084	8.922
0.2	1318	1.11E+08	NM_00186	9q32b	9.901	9.881	9.575	9.866
0.3	51324	42544234	NM_01663	15q22.31b	8.009	7.753	8.204	7.956
9.2	10197	30410793	NM_00578	17q21.31a	8.709	8.829	9.022	8.769
4.2	23673	1.54E+08	NM_17742	1p35.3b	9.106	9.221	9.248	9.103
.1	286140	89028027	XR_000528	8p11.23c	8.694	8.756	8.591	8.725
5.1	91408	56847619	NM_15226	1p32.3d	8.12	8.157	8.197	8.002
9481.1	55500	87298842	NM_00103	12p12.1d	7.783	7.687	7.77	7.553
3.2	57186	1.19E+08	NM_02034	20p11.23b-	7.688	7.586	8.018	7.456
3.2	3849	47132619	NM_00042	12q13.13d	6.817	6.661	6.793	6.708
6.2	23256	33469965	NM_01610	14q12e	9.767	9.747	9.905	9.7

0.3	2650	34485725	NM_00149	9q21.13c	7.077	7	6.994	6.958
4.2	138162	1.15E+08	NM_14465	9q34.3b	7.096	7.219	7.067	6.917
1.2	11010	1.11E+08	NM_00685	12q21.2a	7.162	7.401	7.028	6.957
7.3	54470	57546907	NM_01900	Xq22.1c	7.776	7.834	7.809	7.66
0.2	55863	32189381	NM_01848	11q14.1e	9.779	9.974	10.006	9.587
5.2	129607	1.18E+08	NM_20731	2p25.2a	7.004	7.212	6.977	6.948
9.1	266971	1.54E+08	NR_00231	10q23.33b	7.794	7.815	7.881	7.71
5891.1	6880	62865611	NM_00101	5q13.2a	8.782	8.457	8.975	8.378
5.1	693220	2.62E+08	NR_03036	17q24.2c	7.231	7.43	7.233	6.894
4.2	25873	16117793	NM_01541	19p13.3b	7.365	7.743	7.565	7.337
5.3	51714	42789379	NM_01627	3q25.1b	8.886	8.702	8.948	8.521
2.3	79745	31982880	NM_02469	2p23.2a	9.354	8.991	9.075	8.621
0.3	10626	48255912	NM_00647	17p12a	7.225	7.124	7.16	7.256
Hs.568928		7018527	AL157484		7.047	6.937	7.168	7.11
1.1	6999	5032164	NM_00565	4q32.1b	7.003	6.886	7.022	6.864
6.4	53947	55956926	NM_01743	22q13.2b	7.863	8.098	8.242	7.984
5.2	91408	1.42E+08	NM_15226	1p32.3d	8.699	8.495	8.705	8.557
3839.1	23265	62241045	NM_00101	17q25.1d	9.588	9.966	9.956	9.611
2.4	7419	1.42E+08	NM_00566	8p11.21a	11.432	11.247	11.628	11.09
1.2	55052	26638656	NM_01797	1p36.33a	8.434	8.663	8.828	8.471
8677.1	2339	66882531	NM_00101	8p11.21a	10.587	10.448	10.411	10.089
0.3	112858	41327714	NM_03355	20q13.12c	7.876	8.005	8.209	7.9
7234.1	9	1.13E+08	XM_00112	8p22a	7.255	7.192	7.411	7.011
8.2	51626	40548412	NM_01600	2p21d	8.032	7.929	7.914	7.79
3840.1	26123	62079296	NM_00101	10q23.33d	7.66	7.513	7.657	7.565
3.3	4922	31563516	NM_00618	12q21.31e	6.69	6.809	6.775	6.743
2.2	6879	14717406	NM_00564	5q31.3c	8.943	8.892	8.805	8.605
4.1	11316	40805826	NM_19944	19p13.11b	8.452	8.525	8.384	8.524
1.3	84311	34304321	NM_03235	17q12c	7.849	7.854	7.987	7.833
5.2	27154	1.49E+08	NM_01569	6p21.31a	8.882	9.006	8.998	8.707
2.5	51622	56699479	NM_01562	7p22.1b	9.134	8.867	8.691	8.445
2.3	5166	94421466	NM_00261	7q21.3b	7.322	6.844	7.077	6.798
1.1	254170	42558257	NM_20330	14q21.1b	9.17	9.386	8.892	8.734
5.2	728532	1.69E+08	XR_01542	10q11.23b	10.012	9.766	9.875	9.618
5.4	51603	55956897	NM_01593	1q24.3b	9.095	9.245	9.226	8.901
7186.1	79784	1.16E+08	NM_00107	19q13.33c	7.065	6.966	6.762	7.025
9.2	5801	19743915	NM_00284	12q15d	7.19	7.281	6.901	6.866
0.2	11313	20302149	NM_00726	1p36.11d	8.437	8.388	8.132	8.052
8108.2	10169	1.49E+08	NM_00101	15q15.3b	7.909	8.056	8.006	7.733
6.3	22875	54124344	NM_01493	6p12.3e	6.798	6.819	6.798	6.786
0443.1	51131	94681064	NM_00104	13q14.3a	10.123	10.078	10.008	9.904
7513.1	1E+08	1.69E+08	XM_00171	16q22.3a	7.221	7.078	7.173	6.875
8.4	55720	39780587	NM_01812	17p13.3c	8.09	7.903	8.033	7.639
9.2	1174	1.49E+08	NM_05708	7q22.1d	8.203	8.235	8.666	8.098
3.5	11343	51242951	NM_00728	3q21.3b	7.524	7.704	7.494	7.329
5.2	23335	73747876	NM_01528	18q21.31a	7.657	7.477	7.608	7.232
2.2	3592	24430218	NM_00088	3q25.33b	6.819	6.86	6.915	6.991

7.1	10317	5174396	NM_00605	21q22.2b	6.887	6.976	6.913	6.825
1.1	5134	21735593	NM_14478	6q27f	8.257	8.355	8.347	8.026
2.2	2297	89903020	NM_00447	5q13.2c	8.926	9.029	8.845	9.048
0.1	5357	4505896	NM_00267	3q23d	8.074	7.89	8.236	8.456
4.1	23324	50659092	NM_01527	4p16.1f	9.801	9.953	9.962	9.593
3.2	84223	31340578	NM_03226	3q29i	7.611	7.595	7.746	7.509
1.1	2622	4503916	NM_00148	16q24.3b	7.877	8.094	7.976	7.847
5.3	54468	1.09E+08	NM_01900	7p21.3e	8.813	8.577	8.691	8.517
2.3	79158	38202210	NM_02431	12q23.2a	8.297	8.651	8.216	7.893
8.2	56998	59889553	NM_02024	1p36.22d	8.72	8.776	8.892	8.677
4.3	3308	38327038	NM_00215	5q31.1c	7.628	7.485	7.632	7.506
1.2	55052	26638656	NM_01797	1p36.33a	8.703	8.831	9.047	8.728
6212.1	221960	1.13E+08	XM_00112	7p22.1a	8.396	8.014	8.348	8.122
6.1	30817	23397682	NM_15291	19p13.12b	7.18	7.303	7.303	7.265
4.2	7433	15619005	NM_00462	3p22.1a	7.815	8.117	8.014	7.784
3.2	116238	34147548	NM_13846	17q11.2a	7.945	8.051	8.112	7.863
6.1	128218	21389442	NM_14462	1p34.2a	7.948	8.338	8.319	7.868
6.3	11234	31657126	NM_00721	11p15.1d-p	8.6	8.628	8.551	8.348
9.3	9052	63252917	NM_00397	12p13.1b	9.762	9.847	9.952	9.839
3.3	6672	1.23E+08	NM_00311	2q37.1a	7.145	7.457	7.313	7.021
8.1	124152	23397455	NM_15320	16p12.3a	8.226	7.96	7.981	7.77
4.2	5716	28605122	NM_00281	Xq22.3c	8.188	8.029	8.18	7.995
9673.1	22862	1.19E+08	NM_00107	13q14.2c	8.586	8.558	8.648	8.46
2.1	137994	21389522	NM_14465	8p12a	7.15	7.194	7.007	7.008
8.1	5191	4505730	NM_00028	6q23.3c	8.23	8.366	8.501	8.366
0.1	24138	6912629	NM_01242	10q23.31b	7.396	7.452	7.434	7.193
9.1	55027	8923644	NM_01793	16q12.1c	8.822	8.879	8.996	8.728
0.2	64167	1.42E+08	NM_02235	5q15e	7.742	7.63	7.549	7.515
3.3	9325	71773892	NM_01621	15q22.31a	8.615	8.824	8.818	8.504
7.3	10667	1.27E+08	NM_00656	6p25.1b	8.831	8.935	8.928	8.759
3.3	54536	65507402	NM_01905	10q23.33a	7.305	7.17	7.184	7.067
7.3	23640	1.12E+08	NM_01226	19q13.42b	7.145	7.218	7.37	6.981
7.2	440498	1.13E+08	XM_93881	18q23d	8.837	8.863	8.945	8.841
6.2	123016	53759119	NM_14459	14q31.3d	7.34	7.156	7.371	6.995
7.2	2339	66882377	NM_00202	8p11.21a	8.19	7.901	8.247	7.801
.2	644214	1.69E+08	XR_017064	1q42.11a	8.319	8.2	8.58	8.19
1.3	9175	32130538	NM_00472	3q27.2a	7.115	7.385	7.062	7.307
2.2	84973	2.15E+08	NR_003672.2		8.896	8.746	8.731	8.522
2.3	5756	40068474	NM_00282	12q12f	7.898	7.507	7.908	7.849
5.1	64897	12597630	NM_02289	12q24.31a	8.002	7.948	7.849	7.694
7.3	3188	74099695	NM_01959	Xq22.1c	8.036	8.112	8.376	8.175
8.4	11119	85861236	NM_00704	6p22.1d	7.536	7.602	7.615	7.522
3.2	55300	18874095	NM_01832	4p15.2c	7.953	7.861	7.835	7.763
3.3	27430	33519456	NM_01328	5q34c	7.081	7.138	7.161	6.963
6.1	147798	21389588	NM_14468	19q13.42a	8.03	8.32	8.199	7.819
2.3	7982	54112123	NM_01841	7q31.2c	7.789	7.693	7.677	7.543
8.2	9025	34304334	NM_00395	6p21.2c	8.52	8.333	8.339	8.254

3399.1	892	61676092	NM_00101	6q16.3a	8.369	7.947	8.545	8.384
8.5	8943	1.18E+08	NM_00393	19p13.3h-p	8.968	8.981	9.023	8.835
1.2	54441	50726993	NM_01899	7q11.23d	8.455	8.186	8.473	8.328
3.3	245973	87159813	NM_14458	2p25.1c	6.986	7.149	7.213	7.032
8.2	199857	41349504	NM_14498	1p21.3d	7.292	7.492	7.319	7.152
0.3	151126	63029927	NM_15252	2q31.2c-q3	7.168	6.968	6.913	7.002
0.2	10526	53759102	NM_00639	12p11.21b	8.268	8.414	8.406	8.183
5.2	7596	31377804	NM_00342	19q13.31b	7.91	7.852	7.932	7.583
7.2	646424	1.13E+08	XM_94126	3p21.31f	6.823	6.781	6.669	6.785
9.2	53630	74027269	NM_01742	16q23.2b	6.876	7.016	7.118	6.858
0.3	26090	1.1E+08	NM_01560	20p11.21a	8.031	7.986	7.95	8.188
0.4	151194	1.89E+08	NM_14528	2q33.3c	7.412	7.47	7.462	7.324
4.3	79932	33359220	NM_02487	1p34.3e	8.651	9.081	8.892	8.5
2.3	25926	1.42E+08	NM_01546	17q24.2b	9.299	9.419	9.369	9.205
8.1	90324	16418350	NM_05284	19q13.2c	8.533	8.656	8.532	8.511
2.2	57002	1.42E+08	NM_02019	7p14.1d	8.354	8.442	8.63	8.397
7928.2	131076	65301162	NM_00101	3q21.1a	7.947	7.93	8.011	8.034
0.3	147495	30387616	NM_15300	18p11.22a	6.917	7.021	7.02	6.938
0.1	7260	4507702	NM_00331	2p25.3b	8.527	8.548	8.657	8.513
0.2	644310	1.13E+08	XM_93815	Xp11.22b	8.699	8.999	8.982	8.727
6.2	10175	57165417	NM_00577	14q22.2b	8.928	8.384	8.868	8.503
7395.1	151194	1.89E+08	NM_00112	2q33.3c	7.506	7.282	7.327	7.208
9.1	7043	4507464	NM_00323	14q24.3b	7.211	7.037	6.952	6.791
7.2	79947	45580741	NM_02488	1p36.11b	8.132	8.069	8.05	7.839
1.2	9762	35493938	NM_01473	20p13c	7.136	7.495	7.351	7.141
9.2	87178	33695110	NM_03310	2p16.1d	7.661	7.424	7.515	7.33
5191.1	1E+08	1.69E+08	XM_00171	7q22.1c	6.952	7.127	7.203	7.225
3.2	440731	1.13E+08	XM_93369	1q42.2a	8.062	8.124	8.158	7.894
3.1	55359	8922178	NM_01842	12p13.2c	6.991	6.947	6.981	6.759
0.1	594	34101271	NM_18305	6q14.1d	7.582	7.53	7.711	7.417
8.2	5867	19923259	NM_00457	1q42.13d	7.97	7.854	7.988	7.599
0.3	10072	86792514	NM_00570	11q13.1e	8.448	8.39	8.324	8.227
9.2	11019	37577165	NM_00685	4p14b	8.401	8.388	8.561	8.381
8.1	6484	5454057	NM_00627	11q24.2c	7.214	7.301	7.506	7.23
3.3	23237	56676395	NM_01519	8q24.3e	6.936	7.001	6.863	6.877
7.3	9759	1.53E+08	NM_00603	2q37.3d	7.728	7.614	7.676	7.522
3.1	55270	8922791	NM_01828	13q14.2b	8.175	8.535	8.465	8.244
0.3	8226	55956917	NM_01208	Xp22.31e	7.88	7.888	8.1	7.88
0.2	55715	20070301	NM_01811	16q13c	7.871	7.898	7.83	7.78
9.2	7576	57165427	NM_00696	19q13.41a	7.164	7.391	7.336	7.147
9.2	90416	33086946	NM_05284	15q15.1b	8.679	9.008	8.711	8.411
4203.1	730273	1.13E+08	XM_001124203.1		7.17	7.423	7.366	7.282
5.2	8809	27477086	NM_00385	2q12.1a	7.343	7.333	7.28	7.326
6.2	51542	54234033	NM_01651	2p15a-p14	7.767	7.721	7.839	7.656
4.1	825	27765071	NM_02434	15q15.1d	7.796	8.132	8.163	7.676
.1	645969	1.69E+08	XR_037475	9p24.1b	7.347	7.236	7.561	7.239
2610.1	79007	1.11E+08	NM_00104	16q24.3b	7.345	7.609	7.74	7.681

Hs.580229		10853071	AV735490		6.957	6.871	6.663	6.73
2.2	6950	57863256	NM_03075	6q25.3f	8.444	8.237	8.604	8.596
4.2	138162	1.15E+08	NM_14465	9q34.3b	7.287	7.15	7.231	6.961
8.3	57678	1.42E+08	NM_02091	10q25.2b	7.546	7.567	7.727	7.562
3.2	988	16357499	NM_00125	6p21.1b	9.108	9.171	9.199	8.948
4.3	79882	50541971	NM_02482	14q31.3d	8.177	8.045	8.178	7.863
6.2	113263	1.09E+08	NM_13842	7p21.3e	6.931	6.907	6.938	6.804
.1	728554	1.13E+08	XR_01566	5q35.3b	8.483	8.065	8.537	8.095
0.1	90025	42734396	NM_19892	6q14.1e	7.483	7.562	7.623	7.373
1.1	112703	76253858	NM_13841	19q13.33c	7.076	7.027	7.115	7.095
0.3	892	61676090	NM_00519	6q16.3a	7.498	7.375	7.721	7.538
6.1	80011	13376428	NM_02494	16q13c	7.307	7.489	7.619	7.254
5.2	5274	54262134	NM_00502	3q26.1f	6.819	7.253	7.09	6.715
0.3	79858	1.42E+08	NM_02480	3q22.1a-q2	7.377	7.377	7.331	7.091
2.3	54578	1.33E+08	NM_00107	2q37.1d	6.881	7.001	7.131	6.792
4212.1	6284	66737371	NM_00102	1q21.3d	7.078	7.219	7.053	7.088
5.2	7693	55925469	NM_00343	19q13.43b	7.442	7.526	7.73	7.307
0.1	162	22027652	NM_14573	22q12.2a	7.202	7.168	7.31	7.103
4.2	5306	31377785	NM_00622	17p13.3e	7.537	7.452	7.422	7.398
9870.1	345079	71274171	NM_00102	4q21.1b	7.381	7.215	7.185	7.04
8.1	2039	4503580	NM_00197	8p21.3a	7.046	7.175	6.972	6.979
0.3	51252	31745175	NM_01649	2q11.2a	6.86	6.937	6.871	7.023
3653.1	389816	61966760	NM_00101	9q34.3e	6.995	6.937	6.745	6.603
9.4	4248	1.49E+08	NM_00240	22q13.1d	7.184	7.077	7.179	6.972
Hs.566524		6704176	AW297540		6.726	6.917	6.719	6.608
8.2	6509	21314631	NM_00303	2p14c	7.123	7.106	7.143	7.256
7293.1	114299	82617625	NM_00103	9q31.3a	6.956	6.734	6.671	7.099
.1	283507	1.26E+08	NR_00336	13q14.11a	6.816	6.836	6.693	6.944
9.1	11273	89040765	XM_93919	16p11.2e	7.181	7.089	7.071	7.218
4.5	65078	47519383	NM_02300	22q11.21d	7.22	7.484	7.247	7.483
0438.1	127550	1.23E+08	NM_00108	1p35.1a	6.703	6.81	6.846	6.948
.1	730202	1.69E+08	XR_04180	14q32.2a	7.712	7.617	7.398	7.62
5.2	79585	88702974	NM_02453	16p13.3b	7.757	7.828	7.732	7.855
0.2	125058	33563375	NM_01902	17q25.3d	7.382	7.566	7.481	7.75
3.2	283870	34222374	NM_18256	16p13.3d	7.306	7.489	7.227	7.319
7.2	55728	31742491	NM_01817	4p14b	7.319	7.198	7.47	7.49
.2	645430	1.69E+08	XR_01876	Xq12a	8.287	8	8.026	8.348
.1	641298	1.69E+08	XR_04185	16p12.1c	7.551	7.537	7.573	7.74
7.4	10137	33469952	NM_00604	20q11.22b	7.836	7.919	7.621	8.051
7.3	410	7262293	NM_00048	22q13.33b	7.648	7.529	7.685	7.882
.1	728729	1.13E+08	XR_01559	15q25.2b	7.64	7.534	7.76	7.928
9.3	56265	62241005	NM_01960	20p13c	8.429	8.353	7.964	8.168
6.3	25822	56549114	NM_01226	9p13.3b	7.061	7.075	6.894	7.216
.1	374650	1.17E+08	NR_00324	15q25.2b	7.262	7.35	7.136	7.46
7.1	222962	23397535	NM_15324	7p22.1c	7.14	7.082	7.031	7.281
2.2	64682	48093065	NM_02266	2q13c	7.993	7.711	7.723	8.079
9414.1	731751	1.13E+08	XM_001129414.1		8.51	8.106	8.434	8.394

7.3	654350	1.69E+08	XM_94058	15q22.31c	8.262	8.198	7.984	8.266
4.1	26768	1.61E+08	NR_004404.1		7.322	7.101	7.082	7.548
4.1	93643	18079315	NM_08060	6p21.1c	8.236	8.554	8.503	8.448
7.3	8835	21536304	NM_00387	12q22b	7.272	7.294	7.63	7.717
3.1	9424	4758623	NM_00482	19q13.2a	8.131	8.113	7.991	8.412
5.2	729200	1.69E+08	XR_01594	6q25.1a	9.057	9.047	8.679	8.894
9.3	84299	42822890	NM_03233	17q12c	7.88	7.958	7.96	7.757
5.1	730993	1.69E+08	XR_03816	11p15.4d	9.521	9.497	9.276	9.677
5.1	26831	84872034	NR_00275	15q22.31b	6.924	7.032	6.873	7.228
8.2	4151	44955876	NM_00536	22q12.3c	6.913	6.883	6.794	7.178
2.1	374928	38524613	NM_19854	19q13.43b	8.508	8.562	8.425	8.706
0.2	55876	1.1E+08	NM_01853	17q12c	8.4	7.879	8.102	8.341
4.1	5613	4826947	NM_00504	Xp22.33b-p	7.888	7.658	7.898	7.764
5.1	10090	5032218	NM_00571	6q25.1a	7.637	7.577	7.637	7.565
6.2	55039	1.42E+08	NM_01795	8q24.13d	8.362	8.295	8.282	8.4
2.2	6310	51479157	NM_00033	6p22.3f-p2	8.798	8.852	8.951	9.043
2.4	51366	41352716	NM_01590	8q22.3b	8.688	8.71	8.817	8.955
2078.1	80336	1.69E+08	XM_00172	20q13.12a-	8.058	7.823	8.014	8.072
0.1	51101	7705774	NM_01601	8q21.12a	7.776	7.726	7.552	7.798
9944.1	5310	58331145	NM_00100	16p13.3e-p	7.463	7.42	7.321	7.592
7995.1	285590	63055058	NM_00101	5q35.1e	8.668	8.622	8.34	8.554
1.2	2000	1.42E+08	NM_00142	Xq25h	8.225	8.788	8.413	8.58
2.1	29992	30179904	NM_17827	7q22.1c	7.788	7.916	7.607	7.868
3.2	120103	40807350	NM_15231	11q21a	7.978	7.906	7.627	7.961
4.1	8496	29294628	NM_17744	12p11.23a-	7.565	7.561	7.434	7.665
1.1	54830	8923134	NM_01768	Xq22.3b	7.249	7.201	7.37	7.429
4.2	23095	41393562	NM_01507	1p36.22c	7.66	7.187	7.356	7.609
5.1	9284	5902013	NM_00698	16p13.11b	8.715	8.3	8.44	8.588
0.3	55355	83816963	NM_01841	2q37.1e	6.986	6.907	6.851	7.22
4.2	4173	33469918	NM_00591	8q11.21b	8.629	8.592	8.537	8.777
0.2	4330	55956909	NM_00243	22q12.1b	9.341	9.654	9.392	9.416
8.3	122622	40316947	NM_15232	14q32.33b	7.944	7.858	7.82	8.035
Hs.546105		5100912	AI738931		7.583	7.422	7.427	7.703
3.3	10505	1.42E+08	NM_00426	2p13.1a	7.435	7.458	7.625	7.719
7.1	27175	7706750	NM_01643	17q21.31a	8.011	7.989	7.961	8.179
9527.1	8462	1.13E+08	XM_00112	2p25.1d	7.381	7.519	7.313	7.713
9.1	65059	47132518	NM_21358	2q33.2a	7.571	7.478	7.466	7.667
2.1	6085	1.61E+08	NR_004392.1		10.196	9.851	9.783	10.017
1.3	10263	39725675	NM_00585	11q13.1f	7.525	7.777	7.798	7.995
3.1	5984	31881686	NM_18157	3q27.3a	8.164	8.101	8.279	8.463
4.3	4133	87578395	NM_00237	2q34a-q34	7.664	8.13	7.583	7.828
3.2	1842	53759132	NM_00139	9q22.31a-q	7.228	7.203	7.192	7.574
4.1	648099	89065616	XM_937154.1		7.838	7.641	7.734	8.089
9.1	388275	89047118	XM_92842	18q12.1e	8.637	8.473	8.881	8.7
5.3	2308	1.34E+08	NM_00201	13q14.11a	8.481	8.361	8.729	8.445
Hs.555181		18507115	BM458075		8.443	8.471	8.674	8.68
2.2	1856	48762939	NM_00442	17p13.1d	7.954	8.096	8	8.333

3.2	64089	23238243	NM_02213	8q21.13c	8.379	8.258	8.277	8.573
Hs.145444		10432759	AK021556		7.834	7.56	7.776	7.895
1.3	55198	82617617	NM_01817	12q23.3b	8.887	8.878	9.06	9.105
4.1	51011	7705607	NM_01604	2q11.1c	7.745	7.948	7.816	7.951
1.2	7410	40549447	NM_00337	9q34.2a-q3	7.529	7.819	7.563	7.646
5.1	641825	89027574	XM_935575.1		7.218	7.219	6.965	7.399
4.1	55093	8922280	NM_01802	8q24.13c	7.485	7.816	7.818	7.907
5.2	10299	33589845	NM_00588	5p15.2c	9.576	9.594	9.53	9.634
9.3	11044	62548868	NM_00699	5p15.31b	8.714	8.782	8.916	8.882
3.1	1E+08	1.88E+08	NR_023343.1		7.316	7.287	7.261	7.544
Hs.579530		31454731	CD522953		8.217	8.489	8.521	8.218
2.2	22949	34222094	NM_01221	9q31.3b	9.41	9.575	9.456	9.732
7.3	6119	52851430	NM_00294	7p21.3e	9.933	9.954	9.887	10.005
0.2	3475	55953128	NM_00155	7q31.1c	9.264	9.296	9.112	9.445
2.1	5256	4505780	NM_00029	Xp22.13a	8.128	8.063	8.074	8.207
Hs.554507		76879778	AB074162		7.987	7.978	7.827	8.066
6.2	2118	1.19E+08	NM_00198	17q21.31b	7.297	7.397	7.331	7.457
7.1	9049	4502008	NM_00397	11q13.1f	8.085	8.246	8.09	8.349
7.1	286354	89030475	XM_939697.1		9.712	9.716	9.616	9.911
Hs.561915		11592416	BF509118		7.764	7.583	7.649	7.858
0.2	80727	53831992	NM_02525	7p22.2c	9.109	9.391	9.03	9.106
4.6	5591	31340617	NM_00690	8q11.21a-c	8.634	8.201	8.325	8.527
1.1	51768	7706574	NM_01655	12p11.23a	9.903	9.446	9.48	9.338
8.1	28969	7661743	NM_01403	7p21.1b	9.798	9.799	9.765	9.817
6.3	6002	1.09E+08	NM_00292	4p16.2c	10.087	10.403	10.354	10.343
1.2	55904	91199541	NM_18293	7q22.2a	8.153	8.191	8.198	8.379
5.4	57026	85815825	NM_02031	22q13.1a	7.644	7.869	7.873	7.951
3.1	23333	1.49E+08	NM_01528	7p14.3a	8.137	8.195	8.118	8.108
9.3	23212	46094056	NM_01516	8q13.1b	8.063	8.247	8.267	8.548
Hs.562875		30981126	CD237661		10.319	10.126	9.908	9.993
7430.1	5935	63054839	NM_00101	Xp11.23d	8.758	8.757	8.271	9.016
.2	729217	1.69E+08	XR_01548	16q21d	8.056	7.704	8.176	8.137
7.4	2542	1.17E+08	NM_00146	11q23.3e	8.435	8.671	8.578	8.726
2.2	10589	18426972	NM_00644	11q13.1d	10.631	10.665	10.363	11.013
.1	646784	1.13E+08	XR_01724	1p22.2a	7.645	7.429	7.693	7.828
8.1	647135	88943049	XM_93057	1q21.1a	7.571	7.62	7.498	7.845
0.1	79026	61743953	NM_00162	11q12.3a	7.84	7.94	7.891	8.072
4.3	9771	1.19E+08	NM_01229	7p15.3c	8.068	8.138	7.852	8.345
6.2	9909	1.49E+08	NM_01485	1q21.3d	8.358	8.295	8.336	8.508
8.1	4521	40288275	NM_19894	7p22.2c	7.822	7.907	7.764	7.863
2.1	90378	39930516	NM_13835	19p13.12c	7.933	7.84	7.768	8.24
5.3	9126	63054826	NM_00544	10q25.2a	8.915	8.494	8.831	8.973
1.3	147968	46852396	NM_14469	19q13.2a	7.817	7.864	7.789	8.152
2.3	8626	31543817	NM_00372	3q28b	10.096	9.82	10.27	10.222
1.1	166647	88979523	XM_94479	4p15.31b	8.12	8.256	8.104	8.269
3.2	5074	55769532	NM_00258	12q21.2c	8.89	8.809	9.041	8.916
9.3	83461	34147595	NM_03129	12p13.31d	6.823	7.199	6.96	7.469

9.2	3148	14141173	NM_00212	4q34.1c	7.4	7.452	7.541	7.45
0.3	28964	1.46E+08	NM_01403	17q11.2b	8	8.255	8.046	8.149
.2	646808	1.69E+08	XR_018782	9p13.3e	8.253	8.416	8.459	8.627
1.2	56203	54607115	NM_19827	3p14.1b	11.554	11.725	11.332	11.778
3.3	7570	55775473	NM_00696	10q11.21c	8.186	8.287	8.184	8.279
5.1	55186	8922550	NM_01815	3q23b	7.957	7.363	7.965	8.289
1.2	488	27886536	NM_00168	12q24.11c	9.891	10.086	10.398	10.219
0.2	2004	44955920	NM_00523	12q23.1a	7.281	7.323	7.15	7.466
5291.1	6720	52630418	NM_00100	17p11.2g	10.143	10.203	10.147	10.048
7.1	3189	14141156	NM_01220	10q21.3d	9.453	9.366	9.416	9.601
.1	643779	1.13E+08	XR_018427	1q41d	9.35	9.179	9.26	9.188
..1	84972	1.13E+08	XR_01797	11q13.1e	8.702	8.502	8.479	8.953
9.2	1440	27437047	NM_00075	17q21.1a	6.826	7.032	7.02	7.198
3.1	147841	32698865	NM_18251	19p13.2b	7.853	7.975	7.832	8.204
8.2	1942	33359681	NM_00442	1q22a	9.005	8.959	8.643	8.991
.1	157317	33563332	NR_00156	6p21.31e	10.835	10.82	10.562	10.864
3.2	84839	20127653	NM_03275	19p13.3e	10.007	10.167	9.968	10.368
1.2	140710	66773343	NM_19918	20q11.23a	8.528	8.55	8.06	8.47
9.1	5111	33239450	NM_18264	20p12.3c	10.241	10.323	10.352	10.16
9.1	5569	32483385	NM_18183	8q21.12a	7.554	7.425	7.462	7.759
5.2	4133	87578391	NM_03184	2q34a-q34	7.701	8.266	7.475	7.941
0.1	7323	33149317	NM_18189	4q24b	11.417	11.202	11.215	11.715
Hs.560357		4453627	AI539492		8.831	8.902	8.615	8.961
3703.2	440275	65287716	NM_00101	15q15.1a	10.588	10.564	10.287	10.726
3.1	2664	4503970	NM_00149	Xq28g	9.145	9.225	9.243	9.469
8.2	3566	56788409	NM_00041	16p12.1a	9.019	9.136	9.149	9.453
0106.1	646463	1.13E+08	XM_00113	8q21.13b	8.599	8.682	8.645	8.815
2670.1	731789	1.69E+08	XM_00172	10p12.1b	8.731	8.855	8.688	9.101
0.2	26279	21314652	NM_01240	1p36.12b	9.83	9.938	9.61	10.074
7.3	3181	1.56E+08	NM_00213	7p15.2b	8.278	8.092	8.367	8.624
0.2	389677	1.19E+08	NM_20339	8q22.1b	8.155	7.996	7.892	8.206
4.1	648758	89058059	XM_945024.1		8.01	8.028	8.363	8.297
4.3	6810	34147603	NM_00460	16p11.2c	8.735	8.7	8.634	8.757
2.3	51001	34147675	NM_01594	8q22.1d	8.98	8.953	8.878	9.211
Hs.516646		34532803	AK126342		9.272	9.173	9.236	9.384
7145.2	728310	1.69E+08	XM_00112	15q13.1b	8	8.052	7.856	8.03
5.1	2550	11497615	NM_02190	6p22.1a	7.427	7.521	7.534	7.709
9.1	57820	33519435	NM_18284	14q11.2b	8.119	8.28	7.98	8.226
7.2	57477	1.19E+08	NM_02071	Xp11.22c	11.85	11.79	11.434	11.85
7.3	23032	42516566	NM_01501	1p31.1e	8.659	8.298	8.187	8.977
3.3	128272	1.42E+08	NM_15321	1p36.13f	7.221	7.408	7.454	7.674
7.1	440345	89039975	XM_93371	16p12.1c	9.313	8.866	9.092	9.125
6.4	3029	94538321	NM_00532	16p13.3e	9.737	10.17	10.029	10.147
3.4	84293	1.49E+08	NM_03233	10q23.1a	9.2	9.094	9.245	8.979
2133.1	1E+08	1.69E+08	XM_00172	8p23.1b	8.34	8.324	8.415	8.43
8.3	4172	33356548	NM_00238	6p12.2a	9.481	9.451	9.592	9.905
2.2	4216	55956903	NM_00592	6q26a	9.334	9.42	9.368	9.453

2.1	375061	38348389	NM_19855	1q42.2a	9.548	9.05	9.073	9.486
8.2	5966	56550118	NM_00290	2p16.1a	8.515	8.533	8.472	8.699
7.2	11335	20544150	NM_01658	7p15.2b	8.898	8.863	8.854	8.986
Hs.444999		27839163	BX114974		8.186	7.937	8.192	8.253
4981.1	8626	1.69E+08	NM_00111	3q28b	11.34	11.222	11.244	11.345
3.1	645436	88942748	XM_92847	1p32.3b	10.497	10.016	10.758	10.847
2.2	6617	19923159	NM_00308	14q23.2a	10.175	10.303	10.241	10.55
9.3	55190	1.34E+08	NM_01815	Xp11.22c	8.315	7.937	8.173	8.165
8.1	50805	7705554	NM_01635	5p15.33c	8.174	8.255	8.198	8.398
6.3	6720	52630417	NM_00417	17p11.2g	8.368	8.459	8.205	8.424
Hs.72010		13726849	BG205162		7.798	7.879	7.723	8.038
2.2	145864	32455240	NM_17823	15q26.1a	7.424	7.469	7.264	7.454
5.1	30833	7657032	NM_01459	17q25.1c	9.032	9.166	9.21	9.294
6.1	7428	38045905	NM_19815	3p25.3b	9.469	9.463	9.265	9.793
3.1	654096	89058091	XM_939253.1		8.233	7.991	8.093	8.232
3722.1	2733	51317383	NM_00100	9q34.11b	8.87	9.012	9.037	9.174
3.1	6086	1.61E+08	NR_004393.1		7.591	7.613	7.412	7.856
6.3	55471	47524169	NM_14473	2p22.2b	10.161	9.636	9.799	9.951
1.2	136051	1.42E+08	NM_15241	7q36.1a	10.821	10.918	10.642	11.002
0.2	57801	20127596	NM_02117	1p36.33b	10.458	10.837	10.741	11.036
5.1	1E+08	2.13E+08	NR_024456.1		8.77	8.86	8.416	8.903
4438.1	833	62240993	NM_00101	11p15.4d	9.088	8.794	8.702	9.156
2.3	79148	73808269	NM_02430	17q12b	7.824	7.764	7.972	7.959
9.3	9112	1.16E+08	NM_00468	14q32.33c	9.458	9.345	9.345	9.623
0.2	4141	14043021	NM_00499	12q13.3b	9.553	9.611	9.237	9.445
0.2	7128	26051241	NM_00629	6q23.3d	9.129	9.229	8.549	9.509
5.1	84820	1.54E+08	NR_00365	7p13d	8.759	8.604	8.411	8.858
6.1	374378	38348337	NM_19851	11p15.3d-p	7.99	7.761	7.746	7.944
4.2	340371	31341683	NM_17856	8q24.3g	9.709	9.566	9.641	9.931
7.1	5888	19924134	NM_13348	15q15.1b	9.306	9.285	9.134	9.321
0.2	5754	27886605	NM_15288	6p21.1d	8.14	8.405	8.08	8.508
Hs.296031		34191385	BC038512		8.601	8.599	8.738	8.86
9.4	79180	42734435	NM_02432	1p36.21a	10.289	10.408	10.487	10.746
5.3	51053	41393571	NM_01589	6p22.2b	8.371	8.337	8.114	8.383
0.1	85463	1.49E+08	NM_03339	11q22.3d	8.737	8.602	8.378	8.956
6.2	5900	47834321	NM_00626	9q34.2a	8.968	9.167	9.17	9.482
7.3	153572	1.42E+08	NM_03326	5p15.33b	8.401	8.463	8.329	8.359
6.2	1054	34452718	NM_00180	19q13.11b	9.343	9.306	9.629	9.77
8.2	57835	1.26E+08	NM_13347	2p13.1b	10.779	10.932	10.662	11.1
7.1	91526	24233529	NM_15369	2q33.1a	8.706	8.661	8.421	8.76
1.1	55038	22027510	NM_14570	14q32.33c	8.588	8.758	8.92	8.908
6.1	116496	16757969	NM_05296	1q25.3f	9.275	9.235	9.003	8.913
9.1	2204	19743870	NM_13327	19q13.42b	11.504	11.554	11.181	11.615
5.3	9578	1.16E+08	NM_00603	14q32.32a	9.914	9.761	9.511	9.813
7.2	220323	31341888	NM_17850	11q23.3g	8.243	8.338	8.345	8.682
0288.1	6693	71979936	NM_00103	16p11.2d	9.096	9.063	8.727	9.381
9.2	8543	7108354	NM_00676	1p22.3a	11.106	11.076	10.986	10.944

1.2	10459	6006019	NM_00634	1p36.22b	9.162	9.433	9.19	9.198
7.2	3664	24497623	NM_00614	1q32.2b	9.397	9.54	9.324	9.747
4.3	11344	40068460	NM_00728	3p21.1e-p2	8.44	8.741	8.41	8.928
2.2	22949	34222094	NM_01221	9q31.3b	8.788	8.853	8.853	8.971
6.3	23612	1.1E+08	NM_01239	1q32.1c	9.707	10.05	9.867	9.716
3189.1	1E+08	1.69E+08	XM_00172	22q12.1a	9.155	8.749	9.387	9.43
3.2	4739	33667045	NM_00640	6p24.1c	8.135	8.373	8.06	7.698
1433.1	8675	47778942	NM_00100	20q13.32a	10.514	10.511	10.661	10.791
9.5	60436	1.26E+08	NM_02180	20q11.23a	7.568	7.768	7.914	8.026
6007.1	1E+08	1.69E+08	XM_00172	11q23.3b	7.989	7.848	7.827	8.306
1.2	968	91199547	NM_00125	17p13.1d	10.918	10.84	10.571	11.137
4.2	90990	34147722	NM_14575	8q24.3h	8.983	9.078	9.419	9.656
4.2	4835	1.42E+08	NM_00090	6p25.2b	7.536	7.809	7.648	7.885
1.2	2081	50345998	NM_15246	17q23.3b	7.919	7.993	8.054	8.032
7.2	9960	55770885	NM_00653	15q22.31a	9.497	9.548	9.552	9.81
8.3	1956	41327737	NM_00522	7p11.2c	8.948	8.85	8.808	9.058
3.1	54799	8923058	NM_01764	17q21.33b	10.131	10.072	9.7	10.143
0172.1	1E+08	1.69E+08	XM_00172	7q31.1a	11.938	11.973	12.147	12.324
6659.2	728026	1.69E+08	XM_00112	9q22.32a	11.549	11.584	11.53	11.668
4.3	143903	1.42E+08	NM_17883	11q23.1b	8.086	8.17	7.955	8.201
3.3	3673	1.16E+08	NM_00220	5q11.2b	10.071	9.874	9.645	9.836
7.2	402	1.49E+08	NM_00166	11q13.1c	9.29	9.752	9.389	9.718
Hs.535028		10439219	AK026373		9.443	8.858	9.044	9.366
3.3	7138	39930526	NM_00328	19q13.42b	7.096	7.188	7.146	7.777
4.3	54549	48255893	NM_01906	17q25.1a	8.021	7.949	7.979	7.943
4.2	1958	31317226	NM_00196	5q31.2c	8.427	8.229	8.894	8.646
1.3	25862	34147686	NM_01856	6p21.1f	12.861	12.712	12.607	12.918
1.1	6091	19743805	NM_13363	3p12.3b	9.05	8.933	9.051	9.062
2.1	57222	24308198	NM_02046	5q35.1e-q3	8.862	8.786	8.578	9.124
6952.1	729423	1.69E+08	XM_00172	1p32.2a	7.906	8.144	8.201	8.262
3.1	116447	16418460	NM_05296	8q24.3f	8.028	8.136	8.222	8.372
3771.1	7296	1.48E+08	NM_00109	12q23.3a	8.834	8.937	8.487	8.728
5687.1	1E+08	1.69E+08	XM_001725687.1		11.956	11.848	12.028	12.307
3.4	55107	40354209	NM_01804	11q13.3b-c	8.126	7.731	7.888	8.111
9.2	23351	1.27E+08	NM_01529	14q12a	8.148	8.225	8.127	8.236
4.2	1075	22538438	NM_00181	11q14.2b	10.502	10.175	10.704	10.23
3.4	55107	40354209	NM_01804	11q13.3b-c	9.098	9.058	9.005	9.189
9.1	284161	32698961	NM_18256	17q22d	9.664	9.467	9.235	9.782
4.1	7086	4507520	NM_00106	3p21.1c	10.884	10.874	10.895	10.948
4.2	1051	28872795	NM_00519	20q13.13e	11.664	11.668	11.516	11.862
1.4	23768	62241047	NM_01323	14q31.3a	8.748	8.615	8.484	8.368
.2	729102	1.69E+08	XR_015895	3p22.1a	10.723	10.762	11.118	11.004
0167.1	3955	93140998	NM_00104	7p22.2c	7.925	8.449	8.424	8.078
9882.1	23318	57863249	NM_00100	1p32.3d	8.977	8.846	8.788	8.988
7.3	57819	34013512	NM_02117	6p21.33a	9.773	10.038	9.939	10.046
8784.1	23625	1.49E+08	NM_00109	11q13.1c	9.562	9.753	9.699	9.743
8.1	1952	13325063	NM_00140	1p13.3b	8.929	9.045	9.188	9.028

2.1	653829	89027419	XM_935802.1		9.505	9.316	9.194	9.417
2968.2	139886	1.09E+08	NM_00101	Xq11.1b	9.416	9.333	9.494	9.258
5.1	2550	11497615	NM_02190	6p22.1a	8.08	7.706	7.571	7.951
2.3	7804	61744466	NM_01752	1p32.3c	7.361	7.412	7.413	7.62
7075.1	51088	55770879	NM_00100	4p14c	10.7	10.664	10.274	10.653
7.1	2534	23510361	NM_15304	6q21i	8.273	8.335	8.265	8.387
4.1	5150	24429563	NM_00260	8q13.1a	8.254	8.382	8.265	8.428
4.1	285761	27735142	NM_17367	6q22.2b	8.969	8.392	8.597	8.711
7.3	55117	60115819	NM_18276	12q21.31d	8.334	8.202	8.389	8.373
9.3	6713	62865634	NM_00312	8q24.13d	12.217	11.978	12.312	12.46
3.5	55107	1.94E+08	NM_01804	11q13.3b-c	8.223	7.814	7.829	8.266
Hs.549989		10438414	AK025793		7.931	8.161	8.094	8.327
6.1	9267	8670543	NM_01745	17q25.3b	10.417	10.492	10.401	10.663
2.2	8496	29294626	NM_00362	12p11.23a-	8.053	7.823	7.802	8.123
1.2	664709	1.16E+08	NR_00294	19p13.2a	9.42	9.555	9.79	9.841
6.2	255738	31317306	NM_17493	1p32.3a	8.467	8.746	8.734	8.66
9.4	6625	57634537	NM_00308	19q13.33a	9.864	9.777	9.832	9.827
6.2	2091	12056464	NM_00143	19q13.2b	9.124	9.239	9.498	9.585
Hs.34558		10437260	AK024852		8.24	8.227	8.458	8.326
9.3	29901	1.19E+08	NM_01329	11q13.1c	8.548	8.83	9.097	9.242
5100.1	4155	68509937	NM_00102	18q23b	9.922	10.056	9.932	10.067
6815.1	400986	1.13E+08	XM_00112	2q11.2a	8.711	8.223	8.647	9.081
6.3	10950	28872721	NM_00680	21q21.1c	9.854	9.891	9.68	9.703
9.2	29062	40254872	NM_01414	7q33b	8.628	8.634	8.819	8.962
0.1	221908	21450760	NM_14503	7q22.1c	8.231	8.556	8.621	8.917
3.2	4430	44889480	NM_01222	2q32.3a	9.856	9.416	9.736	9.689
3.2	3720	11863151	NM_00497	6p23a-p22	9.461	9.535	9.469	9.696
2.3	400304	89037939	XM_375152.3		9.19	8.78	8.901	9.003
1.1	9656	7661965	NM_01464	6p21.33b	8.447	8.373	8.662	8.648
8735.1	10357	56806672	NM_00100	20q13.31a	10.404	9.857	10.226	10.414
6.1	440	19718773	NM_13343	7q21.3d	9.218	9.223	9.439	9.255
9.2	55190	37221176	NM_01815	Xp11.22c	8.16	8.38	8.481	8.633
7.1	2317	4503746	NM_00145	3p14.3a	10.896	10.999	10.791	11.192
3619.1	123688	61966686	NM_00101	15q25.1a	9.494	9.32	9.208	9.553
0.2	25914	38201695	NM_17363	18q22.2a-c	9.518	9.705	9.411	9.835
1.1	57820	33519437	NM_18285	14q11.2b	9.261	9.432	9.271	9.516
0.2	650	80861484	NM_00120	20p12.3b	8.008	7.987	7.471	8.046
0.2	494470	57165360	NM_15247	18q21.1a	7.395	7.308	7.356	7.714
8.2	1942	33359681	NM_00442	1q22a	11.908	12.021	11.561	11.871
4.2	55240	59853424	NM_01823	2q14.2b	8.437	8.668	7.937	8.647
0.2	217	25777731	NM_00069	12q24.12b	8.739	8.624	8.541	8.822
6.3	10950	28872721	NM_00680	21q21.1c	9.851	9.858	9.373	9.544
8.2	6624	49472815	NM_00308	7p22.1c	12.511	12.596	12.704	12.939
4.3	29968	34304343	NM_02115	9q21.2c	9.666	9.617	9.743	9.35
0.3	3911	21264601	NM_00556	20q13.33c	11.25	11.289	11.368	11.628
5.2	8771	29893809	NM_03294	20q13.33e	8.089	8.219	8.049	8.14
2.2	1397	31542322	NM_00131	14q32.33c	8.303	8.567	8.559	8.786

5.1	220832	89941461	NR_00293	7q36.1e	7.992	8.044	7.938	8.239
2.3	9612	1.16E+08	NM_00631	12q24.31e	10.803	10.831	10.817	11.106
1.1	6364	4759075	NM_00459	2q36.3c	8.095	8.036	7.978	8.361
3.2	10307	95147539	NM_13317	5q31.3b	7.604	7.782	8.019	8.109
3.2	1687	1.17E+08	NM_00440	7p15.3a	10.074	9.83	9.866	10.092
3.2	6240	21071083	NM_00103	11p15.4d	10.447	10.147	10.672	10.768
4.2	11332	75709213	NM_18186	1p36.31a	10.238	10.308	10.184	10.367
7.2	2131	46370065	NM_00012	8q24.11b	8.444	8.555	8.552	8.503
5.2	4233	42741654	NM_00024	7q31.2b	9.979	9.871	9.903	10.032
3.2	4430	44889480	NM_01222	2q32.3a	11.769	11.7	11.839	11.863
3.2	160728	33942075	NM_14591	12q23.2a	10.2	9.955	9.675	10.203
9.3	7498	91823270	NM_00037	2p23.1a	9.03	8.941	8.953	9.046
6.1	440	19718773	NM_13343	7q21.3d	8.933	8.881	8.797	9.028
8.3	4814	1.49E+08	NM_00414	9q22.31b	8.456	8.678	8.737	8.578
9527.1	8462	1.13E+08	XM_00112	2p25.1d	7.93	8.007	8.142	8.298
2.3	55971	34222363	NM_01884	7q21.3d	9.882	9.838	9.73	10.247
8.2	1109	24497584	NM_00181	10p15.1c	9.515	8.958	9.329	9.388
0.1	84080	14149804	NM_03214	16q22.1b	8.209	8.543	8.516	8.846
3.3	4217	21536459	NM_00592	6q23.3b-q2	9.304	8.956	9.05	9.33
2.2	51312	82775372	NM_01661	8p21.2d	8.015	8.094	7.682	8.025
8.1	6510	5032092	NM_00562	19q13.32b	9.84	9.872	9.845	9.659
4.3	493	48255956	NM_00168	1q32.1e	9.788	9.619	9.203	9.92
1396.1	493	48255958	NM_00100	1q32.1e	9.696	9.714	9.463	9.875
4465.1	6648	67782306	NM_00102	6q25.3f	10.424	10.303	9.887	10.163
3.2	53335	20336304	NM_02289	2p16.1a	9.202	9.074	9.128	8.831
2.1	406988	2.62E+08	NR_02962	1q32.2b	9.296	9.125	9.199	9.229
9.1	80149	13376631	NM_02507	1p34.3c	9.384	9.227	8.911	9.6
3.3	6195	56243479	NM_00295	1p36.11b	7.842	8.068	7.789	8.059
7.1	26064	13470085	NM_01557	5p13.2d	10.245	10.14	10.224	9.832
5.3	8111	74316010	NM_00348	14q32.12a	9.009	9.024	8.635	9.195
4.3	1308	1.2E+08	NM_00049	10q25.1a	10.769	10.152	10.346	10.812
3.1	406991	2.62E+08	NR_02949	17q23.1a	8.568	8.023	8.369	8.792
2.2	55214	27764881	NM_01819	3q28b-q28	8.249	8.193	8.218	8.461
0.1	5921	4506430	NM_00289	5q14.3d	10.973	10.736	10.638	11.219
3.1	23175	22027647	NM_14569	2p25.1b	12.108	12.003	12.188	12.376
2.2	10307	95147535	NM_13317	5q31.3b	8.422	8.645	8.805	9.167
9.3	64063	63079716	NM_02211	16p13.3d	9.973	9.434	9.505	9.808
3.2	56975	1.16E+08	NM_02022	7p22.3d	8.563	8.876	8.443	8.524
9.2	81706	1.19E+08	NM_03094	6q25.1b	9.839	9.675	9.767	10.199
2651.1	54492	2.17E+08	NM_00114	5q35.1e	8.508	8.223	8.352	8.7
1.4	23580	48375181	NM_01212	17q25.1a	9.778	9.731	9.884	10.148
5.1	10509	39777609	NM_19892	15q26.1b	10.251	10.421	10.588	10.932
5.4	128553	1.54E+08	NM_17348	20q13.2b	8.034	8.07	7.937	8.265
4.1	114897	38372912	NM_19859	17q25.3c	9.045	9.195	8.914	9.032
3.2	5106	66346720	NM_00456	14q12a	9.232	9.25	9.16	9.336
6.2	116496	93277091	NM_05296	1q25.3f	8.349	8.391	8.395	8.691
3.3	1001	45269142	NM_00179	16q22.1c	11.403	11.365	11.224	11.744

6.2	4489	71274112	NM_00594	16q13b	12.931	13.103	13.209	13.065
4.2	4478	53729335	NM_00244	Xq11.1c	10.699	10.505	10.472	10.894
0.1	4495	10835229	NM_00595	16q13b	9.122	9.287	9.45	9.15
0.3	53637	46198302	NM_03076	19p13.2b	8.846	8.608	8.922	9.15
8.2	54541	56676369	NM_01905	10q22.1f	12.33	12.137	12.626	12.516
6.2	8714	9955969	NM_00378	17q21.33b	7.947	8.025	8.234	8.042
8.1	79783	13376041	NM_02472	7p14.1c	9.875	10.25	9.654	9.76
2.3	85444	1.17E+08	NM_03340	8q21.2b	7.965	7.76	8.126	8.277
3.4	9249	62988332	NM_00475	1p36.22a-p	9.727	9.791	9.675	9.494
8.3	57761	41327717	NM_02115	20p13f	9.276	9.328	9.013	9.228
3.2	4502	31543214	NM_00595	16q13b	12.415	12.337	12.559	12.643
0.2	4128	33469954	NM_00024	Xp11.3c	10.005	9.872	10.122	10.039
.2	728873	1.69E+08	XR_01567	3q13.31c	9.707	9.587	10.337	10.451
3.2	53335	20336304	NM_02289	2p16.1a	8.926	9.005	9.129	9.152
7.1	140851	50233782	NM_08075	20q11.22b	9.114	9.231	9.539	9.734
4.1	2171	4557580	NM_00144	8q21.13b	9.407	9.19	9.251	9.77
4.4	1646	45446741	NM_00135	10p15.1c	10.773	10.786	10.614	10.694
9.1	23541	7110714	NM_01242	22q12.2b	8.482	8.706	8.503	8.799
3.2	83641	40254981	NM_03145	10p13c	8.957	8.476	8.624	9.077
2.2	100	47078294	NM_00002	20q13.12a	8.848	8.836	8.952	8.868
1.2	644314	1.16E+08	NM_17562	16q13b	10.512	10.622	10.678	10.594
1.1	7298	4507750	NM_00107	18p11.32c	8.149	8.199	8.59	8.562
3.3	56261	1.53E+08	NM_01959	20p12.3c	9.513	9.507	9.45	9.692
2278.1	79148	73808270	NM_00103	17q12b	9.254	9.14	9.119	9.364
9.2	3148	14141173	NM_00212	4q34.1c	8.497	8.505	9.1	8.813
5.2	8771	29893809	NM_03294	20q13.33e	9.411	9.24	8.899	9.615
3.2	26227	23308576	NM_00662	1p12a	10.044	10.005	10.035	10.356
7.3	4493	83367074	NM_17561	16q13b	10.831	11.061	11.346	11.57
9.2	3038	20302152	NM_00532	16q22.1d	9.814	9.883	10.026	10.35
1.1	51458	7706682	NM_01632	15q26.1a	10.06	10.208	10.405	10.255
5.4	12	73858562	NM_00108	14q32.13b	11.137	11.085	10.709	11.341

EPC_hTERT	EPC_hTERT	EPC_hTERT	EPC_hTERT	EPC_hTERT	TERT	TP53	POSTN	POSTN/P53
7.098	8.18	11.265	11.399	11.134	7.89	7.50	11.27	3.77
7.154	7.092	9.34	9.377	9.118	7.17	7.07	9.28	2.21
6.93	7.171	9.232	9.47	8.859	7.05	7.05	9.19	2.14
8.83	8.598	10.578	10.883	9.791	8.92	8.80	10.42	1.61
11.328	11.647	12.831	13.156	13.077	11.42	11.41	13.02	1.61
8.016	8.751	9.958	10.777	9.02	8.04	8.36	9.92	1.56
6.92	6.909	8.289	8.504	8.559	6.92	6.92	8.45	1.54
9.438	10.167	11.087	11.069	11.409	9.74	9.66	11.19	1.52
8.573	9.294	10.299	10.082	10.415	8.90	8.79	10.27	1.47
7.932	8.93	9.978	8.999	10.098	8.91	8.25	9.69	1.44
7.031	6.914	8.22	8.496	8.478	6.98	6.96	8.40	1.44
7.595	7.62	9.021	9.163	8.411	7.82	7.51	8.87	1.35
7.667	7.667	9.216	9.443	8.486	7.89	7.72	9.05	1.33
9.017	9.176	10.243	10.437	10.081	9.37	9.07	10.25	1.18
12.136	12.285	13.412	13.602	13.029	12.46	12.20	13.35	1.15
7.655	7.629	8.71	8.934	8.618	8.00	7.66	8.75	1.09
8.734	8.577	9.819	10.04	9.156	8.65	8.59	9.67	1.09
8.626	8.903	9.788	10.044	9.697	8.89	8.76	9.84	1.08
9.163	9.593	10.382	10.794	9.855	9.17	9.27	10.34	1.08
7.512	7.575	8.34	8.414	8.838	7.66	7.48	8.53	1.05
8.598	8.89	9.919	10.031	9.448	8.71	8.77	9.80	1.03
10.549	10.448	11.443	11.595	11.541	10.87	10.50	11.53	1.02
10.601	10.699	11.71	11.729	11.481	11.06	10.63	11.64	1.02
10.139	10.256	11.335	11.626	10.866	10.05	10.27	11.28	1.01
8.475	8.576	9.257	9.572	9.388	8.62	8.40	9.41	1.01
9.867	9.742	10.694	10.986	10.504	10.10	9.73	10.73	1.00
8.739	8.846	9.645	10.049	9.537	9.00	8.75	9.74	0.99
9.108	9.007	10.339	10.488	9.478	9.39	9.12	10.10	0.98
8.514	9.037	10.154	9.89	9.347	9.02	8.82	9.80	0.97
9.046	8.822	10.109	10.289	9.45	9.16	8.98	9.95	0.97
9.784	9.697	10.459	10.96	10.388	10.01	9.65	10.60	0.96
8.461	8.838	9.752	9.468	9.439	9.02	8.60	9.55	0.95
10.614	10.892	11.69	12.179	11.327	10.62	10.78	11.73	0.95
7.253	7.287	8.377	8.43	7.832	7.27	7.30	8.21	0.91
7.15	7.51	8.295	7.54	8.529	7.06	7.22	8.12	0.90
9.156	9.095	10.088	10.495	9.299	8.74	9.07	9.96	0.89
7.094	7.425	8.195	7.521	8.507	7.22	7.19	8.07	0.89
9.866	9.687	10.598	10.929	10.086	9.25	9.67	10.54	0.86
7.866	7.714	8.453	8.991	8.353	7.74	7.74	8.60	0.86
7.55	7.836	8.557	8.973	8.058	7.64	7.67	8.53	0.86
7.343	7.291	8.143	8.19	8.028	7.38	7.27	8.12	0.85
9.795	10.331	10.922	11.149	10.631	9.84	10.06	10.90	0.84
7.833	7.917	8.585	8.945	8.532	7.86	7.86	8.69	0.83

13.164	13.392	13.866	14.165	14.096	12.87	13.22	14.04	0.82
6.956	7.298	8.034	8.213	7.71	7.37	7.16	7.99	0.82
10.454	10.228	10.894	11.156	11.263	10.30	10.28	11.10	0.82
8.695	8.817	9.373	9.702	9.321	8.98	8.67	9.47	0.80
9.712	9.838	10.588	10.691	10.575	9.93	9.82	10.62	0.80
8.749	8.68	9.546	9.894	9.104	8.86	8.72	9.51	0.79
9.694	9.386	10.261	10.6	9.962	9.23	9.48	10.27	0.79
12.859	13.032	13.548	13.8	13.736	12.69	12.91	13.69	0.78
12.369	12.479	13.313	13.459	12.732	12.33	12.39	13.17	0.78
9.948	9.755	10.601	11.032	10.084	9.52	9.80	10.57	0.78
7.25	7.543	8.077	8.184	8.099	7.63	7.35	8.12	0.77
8.671	8.923	9.374	9.813	9.438	8.87	8.79	9.54	0.76
8.985	9.079	9.779	9.917	9.539	9.18	8.99	9.75	0.75
6.972	6.851	7.787	7.811	7.467	7.17	6.94	7.69	0.75
9.443	9.384	10.238	10.253	10.03	9.63	9.44	10.17	0.73
10.047	10.339	10.79	10.918	10.789	10.53	10.10	10.83	0.73
9.072	9.083	9.626	10.027	9.679	9.38	9.05	9.78	0.73
8.158	8.275	9.038	9.112	8.629	8.51	8.21	8.93	0.72
7.39	7.747	8.158	8.398	8.101	7.57	7.51	8.22	0.71
7.133	6.759	7.625	7.737	7.566	7.18	6.94	7.64	0.70
8.559	8.71	9.07	9.446	9.293	8.78	8.57	9.27	0.70
7.737	7.783	8.491	8.435	8.531	7.73	7.79	8.49	0.70
11.446	11.417	12.23	12.131	12.082	11.70	11.45	12.15	0.70
12.241	12.214	12.9	13.034	12.799	12.50	12.22	12.91	0.69
7.238	7.427	7.976	8.373	7.589	7.38	7.29	7.98	0.69
7.792	8.023	8.65	8.734	8.457	8.20	7.93	8.61	0.69
7.484	7.731	8.186	8.43	8.043	7.79	7.54	8.22	0.68
11.628	11.632	12.038	12.671	12.182	12.10	11.62	12.30	0.68
12.131	12.322	12.884	12.918	12.831	12.48	12.20	12.88	0.68
9.524	9.747	10.064	10.582	10.058	9.74	9.56	10.23	0.68
8.66	8.714	9.551	9.299	9.436	8.70	8.75	9.43	0.67
10.863	10.949	11.263	11.518	11.764	11.13	10.84	11.52	0.67
10.29	10.534	11.062	11.314	10.807	10.84	10.39	11.06	0.67
11.197	11.353	12.219	12.204	11.653	11.23	11.36	12.03	0.67
6.889	6.89	7.708	7.788	7.332	6.85	6.95	7.61	0.66
9.578	9.497	10.353	10.501	9.845	9.74	9.57	10.23	0.66
7.443	7.624	7.893	8.455	8.069	7.72	7.49	8.14	0.65
9.498	9.39	10.152	10.255	9.978	9.40	9.48	10.13	0.65
7.193	6.96	7.873	7.869	7.611	7.41	7.14	7.78	0.64
11.499	11.476	11.998	12.277	11.982	11.64	11.44	12.09	0.64
9.258	9.156	9.434	9.819	9.948	9.25	9.10	9.73	0.63
11.901	12.045	12.452	12.814	12.436	12.09	11.94	12.57	0.63
7.21	7.452	7.989	7.705	8.056	7.60	7.29	7.92	0.63
8.584	8.624	9.098	9.117	9.12	8.44	8.49	9.11	0.62
7.535	7.696	8.179	8.036	8.325	7.84	7.56	8.18	0.62
6.946	6.948	7.701	7.185	7.676	7.05	6.90	7.52	0.62
8.335	8.635	9.104	9.428	8.864	8.53	8.51	9.13	0.62

9.305	9.665	10.277	10.145	9.985	9.96	9.52	10.14	0.62
12.248	12.108	12.814	13.096	12.469	12.38	12.18	12.79	0.62
7.818	7.707	8.222	8.538	8.256	7.72	7.72	8.34	0.62
8.18	8.571	8.891	9.082	9.004	8.63	8.38	8.99	0.61
11.633	11.876	12.299	12.519	12.275	12.17	11.75	12.36	0.61
8.208	8.135	8.73	9.159	8.433	7.99	8.16	8.77	0.61
9.84	10.128	10.517	10.737	10.4	10.22	9.94	10.55	0.61
6.955	6.925	7.473	7.759	7.455	7.10	6.96	7.56	0.60
7.451	7.505	8.04	8.09	8.142	7.47	7.49	8.09	0.60
9.532	9.552	10.177	10.092	10.161	9.71	9.54	10.14	0.60
8.323	8.857	9.229	9.227	8.958	9.00	8.54	9.14	0.60
7.696	7.973	8.351	8.564	8.414	7.88	7.85	8.44	0.60
9.248	9.189	9.507	9.565	10.045	9.24	9.11	9.71	0.59
6.791	6.994	7.497	7.786	7.279	7.21	6.93	7.52	0.59
9.973	9.955	10.39	10.703	10.43	10.19	9.92	10.51	0.59
12.396	12.357	12.704	13.017	13.013	12.43	12.32	12.91	0.59
9.869	10.401	10.735	10.802	10.771	10.38	10.18	10.77	0.59
8.613	8.837	9.189	9.643	8.999	8.71	8.69	9.28	0.59
7.791	7.688	8.34	8.291	8.097	8.05	7.66	8.24	0.58
7.923	8.255	8.581	8.948	8.387	8.12	8.06	8.64	0.58
10.258	10.111	10.855	11.005	10.689	10.17	10.27	10.85	0.58
7.375	7.699	8.142	8.436	7.847	7.55	7.56	8.14	0.58
7.576	7.781	8.387	8.32	8.113	8.00	7.70	8.27	0.58
7.282	7.744	8.053	8.303	7.883	7.34	7.51	8.08	0.57
8.649	8.372	9.283	9.348	8.793	8.69	8.57	9.14	0.57
6.824	6.916	7.431	7.531	7.4	7.05	6.89	7.45	0.57
12.567	12.578	12.867	13.361	13.036	12.79	12.52	13.09	0.57
10.546	10.261	11.084	11.076	10.633	9.98	10.36	10.93	0.57
9.015	9.39	9.588	9.628	10.086	9.53	9.20	9.77	0.57
7.599	7.41	7.988	8.152	8.102	7.76	7.52	8.08	0.56
8.942	9.267	9.589	9.832	9.463	8.90	9.06	9.63	0.56
10.074	10.089	10.81	10.785	10.437	10.36	10.12	10.68	0.56
9.148	9.17	9.653	10.039	9.664	9.43	9.22	9.79	0.56
7.29	7.457	7.58	8.164	7.909	7.32	7.33	7.88	0.55
8.213	8.286	8.682	8.979	8.698	8.18	8.23	8.79	0.55
10.3	10.456	10.905	10.913	10.856	10.73	10.35	10.89	0.54
8.125	8.378	8.8	8.992	8.6	8.48	8.26	8.80	0.54
8.273	8.413	8.913	9.065	8.682	8.50	8.35	8.89	0.54
9.643	9.633	10.124	10.194	10.185	9.98	9.63	10.17	0.54
6.937	7.19	7.691	7.904	7.322	7.18	7.10	7.64	0.54
8.707	8.985	9.392	9.596	9.208	8.72	8.86	9.40	0.53
8.418	8.264	8.587	8.73	8.988	8.29	8.24	8.77	0.53
8.394	8.293	8.765	8.891	8.825	8.15	8.30	8.83	0.53
11.286	11.1	11.661	11.63	11.876	11.14	11.20	11.72	0.52
11.084	11.019	11.564	11.383	11.752	10.60	11.05	11.57	0.52
7.746	7.596	8.268	8.256	8.033	7.89	7.67	8.19	0.51
8.494	8.463	9.051	9.119	8.781	8.65	8.47	8.98	0.51

10.173	9.845	10.306	10.457	10.656	10.22	9.96	10.47	0.51
6.85	6.993	7.247	7.456	7.583	7.10	6.92	7.43	0.51
11.325	11.245	11.717	11.7	11.871	11.59	11.26	11.76	0.51
8.11	8.083	8.459	8.703	8.919	8.58	8.19	8.69	0.51
9.086	9.207	9.561	9.749	9.706	9.48	9.17	9.67	0.50
11.923	11.918	12.507	12.507	12.267	12.31	11.92	12.43	0.50
8.042	8.105	8.403	8.726	8.434	8.25	8.02	8.52	0.50
7.764	7.687	8.204	8.342	7.988	7.69	7.68	8.18	0.50
10.041	10.186	10.433	10.586	10.623	10.27	10.05	10.55	0.50
9.951	10.265	10.61	10.619	10.497	10.42	10.08	10.58	0.50
7.431	7.42	7.924	8.078	7.874	7.44	7.46	7.96	0.50
7.271	7.413	7.8	7.673	7.724	7.23	7.24	7.73	0.50
10.776	10.762	11.262	11.495	11.062	10.72	10.78	11.27	0.50
7.981	7.917	8.429	8.59	8.346	7.96	7.96	8.46	0.50
7.559	7.587	7.876	8.124	8.053	7.80	7.52	8.02	0.50
8.376	8.472	8.917	9.152	8.82	8.59	8.47	8.96	0.49
7.908	7.751	8.281	8.154	8.331	8.03	7.76	8.26	0.49
7.794	7.882	8.446	8.349	8.216	8.06	7.84	8.34	0.49
9.247	9.479	9.714	9.95	9.68	9.58	9.29	9.78	0.49
7.375	7.529	7.921	7.854	7.951	7.66	7.42	7.91	0.49
7.177	7.054	7.8	7.773	7.361	7.05	7.16	7.64	0.49
10.519	10.393	10.695	10.968	11.043	10.75	10.41	10.90	0.49
9.278	9.298	9.755	9.682	9.862	9.30	9.28	9.77	0.48
8.642	8.756	9.133	9.374	9.013	8.70	8.69	9.17	0.48
9.846	9.91	10.352	10.388	10.226	10.18	9.84	10.32	0.48
9.754	9.518	10.095	10.106	10.137	9.77	9.63	10.11	0.48
10.395	10.264	10.656	10.888	10.835	10.55	10.31	10.79	0.48
8.495	8.614	9.117	9.158	8.876	8.79	8.57	9.05	0.48
8.773	8.732	9.218	9.396	9.128	9.04	8.77	9.25	0.48
7.176	7.306	7.835	7.889	7.486	7.46	7.26	7.74	0.48
8.77	8.595	9.014	9.234	9.052	8.92	8.62	9.10	0.48
7.708	7.456	8.012	8.128	8.083	7.70	7.60	8.07	0.48
7.323	7.4	7.852	7.937	7.813	7.63	7.39	7.87	0.48
7.963	7.983	8.289	8.474	8.372	7.89	7.90	8.38	0.48
8.906	9.165	9.42	9.677	9.329	9.15	9.00	9.48	0.48
9.162	9.459	9.684	9.957	9.687	9.15	9.30	9.78	0.48
9.197	9.014	9.721	9.654	9.518	9.02	9.16	9.63	0.47
9.37	9.317	9.815	9.817	9.857	9.69	9.36	9.83	0.47
7.792	8.098	8.282	8.512	8.558	8.26	7.98	8.45	0.47
9.242	9.394	9.595	9.983	9.777	9.60	9.31	9.79	0.47
7.068	7.353	7.806	7.775	7.457	7.57	7.21	7.68	0.47
9.1	9.345	9.709	9.797	9.599	9.30	9.23	9.70	0.47
7.022	7.079	7.416	7.599	7.431	7.02	7.01	7.48	0.47
10.345	10.496	10.883	11.09	10.944	10.70	10.50	10.97	0.47
7.231	7.344	7.77	8.058	7.639	7.06	7.35	7.82	0.47
7.532	7.632	8.014	8.162	7.878	7.73	7.55	8.02	0.47
9.239	9.314	9.66	9.899	9.703	9.44	9.29	9.75	0.47

7.586	7.595	8.217	7.972	7.881	7.98	7.56	8.02	0.47
8.352	8.2	8.707	8.714	8.828	8.57	8.28	8.75	0.47
7.608	7.941	8.285	8.363	8.087	7.88	7.78	8.25	0.46
7.923	8.198	8.364	8.555	8.646	7.98	8.06	8.52	0.46
10.649	10.442	11.031	10.958	11.188	10.64	10.60	11.06	0.46
9.113	9.123	9.464	9.647	9.552	8.88	9.09	9.55	0.46
7.809	7.986	8.38	8.498	8.201	8.18	7.90	8.36	0.46
6.924	7.113	7.531	7.646	7.362	7.21	7.05	7.51	0.46
8.67	8.877	9.343	9.295	9.132	9.09	8.80	9.26	0.46
11.946	11.933	12.344	12.407	12.311	12.11	11.90	12.35	0.46
9.098	9.046	9.413	9.553	9.52	9.27	9.04	9.50	0.46
8.41	8.522	8.944	9.084	8.695	8.64	8.45	8.91	0.46
9.692	9.636	10.015	10.284	9.998	9.80	9.64	10.10	0.45
8.434	8.588	8.91	9.145	8.852	8.54	8.51	8.97	0.45
8.833	8.922	9.283	9.398	9.158	9.17	8.83	9.28	0.45
8.069	8.117	8.501	8.699	8.522	8.29	8.12	8.57	0.45
8.29	8.683	8.772	8.961	8.917	8.68	8.43	8.88	0.45
6.742	6.852	7.434	7.216	7.21	6.82	6.84	7.29	0.45
9.906	9.938	10.582	10.3	10.319	10.22	9.95	10.40	0.45
7.586	7.908	8.29	8.335	8.1	7.95	7.79	8.24	0.45
6.665	6.777	7.123	7.354	7.131	6.75	6.76	7.20	0.44
9.601	9.686	10.225	10.038	9.959	9.95	9.63	10.07	0.44
8.569	8.449	9.13	8.901	9.037	8.85	8.58	9.02	0.44
11.682	11.799	12.197	12.176	12.139	11.44	11.73	12.17	0.44
8.221	8.296	8.696	8.748	8.727	8.42	8.29	8.72	0.44
6.964	7.155	7.48	7.687	7.436	7.13	7.10	7.53	0.44
7.922	8.05	8.27	8.618	8.322	8.13	7.97	8.40	0.44
8.71	9.001	9.351	9.299	9.358	9.22	8.90	9.34	0.44
8.267	8.05	8.707	8.434	8.697	8.54	8.18	8.61	0.44
7.428	7.722	7.987	8.198	7.886	7.70	7.59	8.02	0.44
7.911	7.939	8.258	8.543	8.429	8.27	7.98	8.41	0.43
10.058	10.209	10.606	10.68	10.403	10.23	10.13	10.56	0.43
9.188	8.991	9.329	9.495	9.577	9.07	9.03	9.47	0.43
8.826	8.864	9.354	9.366	9.15	9.03	8.86	9.29	0.43
8.193	8.06	8.608	8.488	8.614	8.11	8.14	8.57	0.43
7.802	7.803	8.181	8.235	8.151	7.82	7.76	8.19	0.43
8.762	8.837	9.222	9.292	9.301	9.02	8.84	9.27	0.43
9.832	9.89	10.247	10.353	10.28	9.79	9.86	10.29	0.43
8.014	8.07	8.488	8.455	8.384	7.99	8.01	8.44	0.43
8.6	8.657	9.205	9.152	8.953	8.85	8.68	9.10	0.43
9.115	9.073	9.441	9.705	9.427	9.19	9.10	9.52	0.43
8.954	8.603	9.172	9.219	9.172	8.68	8.76	9.19	0.43
7.748	7.951	8.243	8.463	8.272	8.16	7.90	8.33	0.43
7.345	7.543	7.898	7.97	7.847	7.75	7.48	7.91	0.42
7.629	7.377	7.959	8.053	7.724	7.76	7.49	7.91	0.42
6.723	6.78	7.085	7.388	7.009	6.76	6.74	7.16	0.42
9.601	9.753	10.199	10.152	9.973	9.81	9.68	10.11	0.42

6.802	7.049	7.278	7.502	7.295	7.02	6.94	7.36	0.42
6.934	6.944	7.403	7.396	7.261	7.13	6.93	7.35	0.42
6.965	6.905	7.376	7.124	7.592	7.20	6.94	7.36	0.42
7.557	7.938	8.124	8.098	8.196	7.81	7.72	8.14	0.42
9.634	9.819	10.078	10.12	10.101	9.92	9.68	10.10	0.42
6.936	6.98	7.279	7.643	7.2	7.06	6.95	7.37	0.42
7.944	7.752	8.12	8.356	8.183	7.83	7.80	8.22	0.42
8.225	8.626	8.841	8.769	8.871	8.74	8.41	8.83	0.42
7.118	7.099	7.292	7.691	7.374	7.30	7.04	7.45	0.42
7.501	7.341	7.984	7.593	7.844	7.56	7.39	7.81	0.41
8.512	8.703	8.96	9.141	8.87	8.85	8.58	8.99	0.41
8.806	8.871	9.121	9.333	9.078	9.14	8.77	9.18	0.41
7.531	7.312	7.854	7.736	7.742	7.17	7.37	7.78	0.41
7.194	7.117	7.564	7.657	7.432	7.05	7.14	7.55	0.41
6.887	7.078	7.393	7.37	7.296	6.97	6.94	7.35	0.41
8.06	7.978	8.43	8.447	8.373	8.07	8.01	8.42	0.41
8.522	8.718	9.079	9.062	8.883	8.63	8.60	9.01	0.41
9.624	9.49	10.019	9.969	9.961	9.84	9.58	9.98	0.41
11.051	11.127	11.438	11.538	11.512	11.44	11.09	11.50	0.41
8.446	8.378	8.819	8.821	8.874	8.64	8.43	8.84	0.41
10.25	10.238	10.536	10.72	10.538	10.48	10.19	10.60	0.41
7.606	7.951	8.172	8.258	8.243	8.03	7.82	8.22	0.41
7.099	7.092	7.608	7.463	7.345	7.29	7.07	7.47	0.40
7.442	7.755	8.068	8.111	8.021	7.96	7.66	8.07	0.40
7.346	7.517	7.796	7.88	7.963	7.61	7.48	7.88	0.40
6.745	6.716	7.142	7.17	7.101	6.76	6.73	7.14	0.40
8.508	8.634	8.859	9.068	9.025	8.88	8.58	8.98	0.40
8.653	8.496	8.88	8.956	9.039	8.45	8.56	8.96	0.40
7.61	7.884	8.081	8.231	8.215	7.90	7.78	8.18	0.40
8.829	8.778	9.202	9.305	9.005	8.96	8.77	9.17	0.40
8.632	8.564	8.823	8.981	9.033	8.90	8.55	8.95	0.40
6.929	6.812	6.998	7.324	7.411	7.08	6.85	7.24	0.40
8.876	8.957	9.282	9.342	9.131	9.15	8.86	9.25	0.40
9.504	9.714	9.932	10.004	10.088	9.88	9.61	10.01	0.40
8.946	9.071	9.495	9.295	9.312	9.19	8.97	9.37	0.39
7.029	7.047	7.367	7.425	7.491	6.93	7.03	7.43	0.39
6.842	7.026	7.353	7.288	7.275	7.12	6.91	7.31	0.39
8.154	7.893	8.275	8.527	8.478	8.32	8.03	8.43	0.39
7.873	7.877	8.269	8.331	8.064	7.99	7.83	8.22	0.39
6.74	6.654	7.238	7.245	6.875	6.81	6.73	7.12	0.39
10	9.949	10.394	10.424	10.213	10.07	9.95	10.34	0.39
6.96	6.912	7.289	7.345	7.286	7.16	6.92	7.31	0.39
7.613	7.911	8.091	8.156	8.089	8.01	7.72	8.11	0.39
8.257	8.084	8.48	8.448	8.682	8.37	8.15	8.54	0.39
7.446	7.409	7.823	7.839	7.693	7.57	7.39	7.79	0.39
7.312	7.343	7.761	7.795	7.5	7.58	7.30	7.69	0.39
6.605	6.836	7.114	7.279	7.202	6.86	6.81	7.20	0.39

6.746	6.874	7.145	7.398	7.058	6.93	6.82	7.20	0.39
7.948	8.087	8.416	8.516	8.284	8.32	8.02	8.41	0.39
8.968	9.069	9.486	9.422	9.33	8.93	9.03	9.41	0.38
8.325	8.369	8.705	8.937	8.661	8.07	8.38	8.77	0.38
9.699	9.639	9.962	9.973	10.148	9.91	9.64	10.03	0.38
7.349	7.515	7.86	7.939	7.724	7.65	7.46	7.84	0.38
7.757	7.881	8.28	8.224	8.13	7.98	7.83	8.21	0.38
8.514	8.52	8.875	8.842	8.982	8.69	8.52	8.90	0.38
8.155	7.981	8.301	8.384	8.489	8.39	8.01	8.39	0.38
8.618	8.556	9.066	8.956	8.973	8.80	8.62	9.00	0.38
7.437	7.428	7.858	7.905	7.751	7.58	7.46	7.84	0.38
8.728	8.649	9.092	8.938	9.216	8.86	8.70	9.08	0.38
7.903	8.093	8.328	8.436	8.492	8.25	8.04	8.42	0.38
7.251	7.112	7.626	7.673	7.464	7.26	7.21	7.59	0.38
7.958	7.971	8.325	8.36	8.163	7.98	7.90	8.28	0.38
8.071	7.821	8.359	8.268	8.262	8.04	7.92	8.30	0.38
7.969	7.745	8.244	8.181	8.289	8.20	7.86	8.24	0.38
8.273	8.271	8.79	8.589	8.645	8.59	8.30	8.67	0.38
9.855	9.824	10.127	10.325	10.197	9.85	9.84	10.22	0.38
7.25	7.057	7.503	7.559	7.392	7.31	7.11	7.48	0.38
7.859	7.823	8.129	8.137	8.307	8.06	7.82	8.19	0.37
8.119	7.92	8.376	8.444	8.335	8.13	8.01	8.39	0.37
8.427	8.616	8.767	8.834	9.022	8.60	8.50	8.87	0.37
6.879	7.004	7.39	7.213	7.406	7.12	6.96	7.34	0.37
8.195	8.322	8.627	8.648	8.726	8.37	8.29	8.67	0.37
7.195	7.269	7.509	7.623	7.637	7.43	7.22	7.59	0.37
8.766	8.681	9.024	9.239	9.023	8.90	8.73	9.10	0.37
7.378	7.379	7.823	7.763	7.792	7.64	7.42	7.79	0.37
8.629	8.588	8.933	9.057	8.836	8.75	8.57	8.94	0.37
8.669	8.725	9.084	9.075	9.096	8.90	8.72	9.09	0.37
6.993	7.068	7.281	7.4	7.546	7.22	7.04	7.41	0.37
6.881	7.065	7.279	7.408	7.337	7.24	6.98	7.34	0.37
8.839	8.896	9.125	9.28	9.268	8.88	8.86	9.22	0.37
7.258	6.986	7.484	7.332	7.515	7.29	7.08	7.44	0.36
7.834	7.919	8.198	8.27	8.175	8.11	7.85	8.21	0.36
8.221	8.323	8.582	8.522	8.716	8.37	8.24	8.61	0.36
7.275	7.111	7.641	7.696	7.442	7.19	7.23	7.59	0.36
8.623	8.616	8.929	9.034	8.881	8.79	8.59	8.95	0.36
7.719	7.669	8.152	8.187	7.981	7.77	7.75	8.11	0.36
7.549	7.684	7.903	8.05	8.056	7.93	7.64	8.00	0.36
8.239	8.335	8.594	8.749	8.487	8.17	8.25	8.61	0.36
7.412	7.526	7.862	7.824	7.852	7.58	7.49	7.85	0.36
7.519	7.625	7.887	8.062	8.035	7.88	7.64	7.99	0.36
6.887	6.884	7.35	7.191	7.269	7.13	6.91	7.27	0.36
8.027	7.993	8.196	8.358	8.358	8.18	7.95	8.30	0.36
7.589	7.686	8.015	8.031	7.842	7.72	7.61	7.96	0.36
8.03	8.172	8.505	8.577	8.443	8.40	8.15	8.51	0.36

8.513	8.547	8.813	8.864	8.836	8.29	8.48	8.84	0.36
8.968	8.887	9.345	9.232	9.18	8.99	8.90	9.25	0.36
8.406	8.403	8.605	8.808	8.79	8.37	8.38	8.73	0.36
7.247	7.066	7.542	7.515	7.354	7.12	7.12	7.47	0.36
7.199	7.302	7.573	7.722	7.421	7.37	7.22	7.57	0.35
6.955	7.157	7.468	7.272	7.434	7.02	7.04	7.39	0.35
8.2	8.154	8.516	8.606	8.473	8.36	8.18	8.53	0.35
7.564	7.716	7.992	8.012	7.916	7.90	7.62	7.97	0.35
6.793	6.741	7.304	7.141	6.93	6.76	6.77	7.13	0.35
6.783	6.886	7.117	7.313	7.149	7.00	6.84	7.19	0.35
8.006	8.063	8.491	8.364	8.449	7.99	8.09	8.43	0.35
7.174	7.396	7.648	7.692	7.601	7.45	7.30	7.65	0.35
8.647	8.468	8.93	8.881	8.85	8.87	8.54	8.89	0.35
9.061	9.118	9.509	9.448	9.47	9.36	9.13	9.48	0.35
8.64	8.513	8.955	8.903	8.848	8.57	8.55	8.90	0.35
8.436	8.309	8.763	8.691	8.723	8.48	8.38	8.73	0.35
8.12	8.113	8.393	8.488	8.421	7.96	8.09	8.43	0.34
6.841	7.113	7.402	7.269	7.255	6.99	6.96	7.31	0.34
8.453	8.303	8.802	8.764	8.735	8.58	8.42	8.77	0.34
8.702	8.749	9.16	9.074	8.975	8.89	8.73	9.07	0.34
8.458	8.624	8.805	8.887	8.923	8.73	8.53	8.87	0.34
7.03	7.24	7.527	7.501	7.479	7.37	7.16	7.50	0.34
6.869	6.856	7.115	7.072	7.355	7.07	6.84	7.18	0.34
7.793	7.983	8.211	8.242	8.185	8.08	7.87	8.21	0.34
7.259	7.106	7.628	7.537	7.364	7.33	7.17	7.51	0.34
7.441	7.288	7.769	7.767	7.542	7.53	7.35	7.69	0.34
7.175	7.17	7.599	7.573	7.417	7.09	7.19	7.53	0.34
7.991	7.868	8.363	8.182	8.224	8.11	7.92	8.26	0.34
6.726	6.86	7.096	7.238	7.027	6.97	6.78	7.12	0.34
7.514	7.403	7.798	7.776	7.774	7.61	7.44	7.78	0.34
7.622	7.797	8.059	7.97	8.003	7.94	7.67	8.01	0.34
8.275	8.179	8.498	8.586	8.61	8.39	8.23	8.56	0.34
8.215	8.277	8.667	8.627	8.591	8.45	8.29	8.63	0.34
7.261	7.315	7.462	7.726	7.621	7.34	7.27	7.60	0.33
6.907	6.933	7.22	7.374	7.122	6.93	6.91	7.24	0.33
7.314	7.442	7.817	7.742	7.712	7.67	7.43	7.76	0.33
8.045	8.12	8.399	8.53	8.471	8.39	8.14	8.47	0.33
7.972	7.813	8.208	8.306	8.136	7.96	7.89	8.22	0.33
7.755	7.837	8.061	8.115	8.178	7.87	7.79	8.12	0.33
6.992	7.056	7.276	7.523	7.376	7.30	7.07	7.39	0.33
8.535	8.405	8.845	8.786	8.699	8.80	8.45	8.78	0.33
7.166	7.017	7.471	7.534	7.439	7.32	7.16	7.48	0.33
7.179	7.204	7.6	7.646	7.44	7.32	7.24	7.56	0.33
7.606	7.76	7.931	8.109	7.949	7.78	7.67	8.00	0.32
7.91	7.714	8.067	8.097	8.102	8.03	7.77	8.09	0.32
7.438	7.376	7.732	7.648	7.639	7.38	7.35	7.67	0.32
7.91	7.793	8.123	8.16	8.066	7.56	7.79	8.12	0.32

6.882	6.808	7.217	7.131	7.037	6.83	6.81	7.13	0.32
8.658	8.676	8.931	8.951	9.012	8.43	8.64	8.96	0.32
6.859	7.053	7.253	7.366	7.217	7.22	6.96	7.28	0.32
7.492	7.475	7.801	7.929	7.76	7.61	7.51	7.83	0.32
8.933	8.922	9.26	9.288	9.214	9.16	8.93	9.25	0.32
7.915	7.791	8.093	8.277	8.157	8.13	7.86	8.18	0.32
6.754	6.837	7.058	7.138	7.152	6.93	6.80	7.12	0.32
8.214	8.089	8.46	8.428	8.454	8.36	8.13	8.45	0.31
7.507	7.572	7.871	7.726	7.794	7.56	7.48	7.80	0.31
6.913	7.029	7.234	7.371	7.362	7.07	7.01	7.32	0.31
7.591	7.553	7.863	7.88	7.858	7.53	7.56	7.87	0.31
7.297	7.429	7.681	7.582	7.63	7.47	7.33	7.63	0.30
6.729	6.882	7.101	7.136	6.998	7.05	6.78	7.08	0.30
7.084	7.152	7.366	7.356	7.514	7.36	7.11	7.41	0.30
6.666	6.83	7.005	7.127	7.065	7.00	6.76	7.07	0.30
6.973	7.092	7.269	7.447	7.33	7.12	7.05	7.35	0.30
7.286	7.318	7.495	7.603	7.673	7.57	7.30	7.59	0.29
6.997	6.959	7.369	7.282	7.257	7.23	7.02	7.30	0.28
7.28	7.354	7.629	7.674	7.571	7.47	7.34	7.62	0.28
7.033	7.081	7.329	7.425	7.239	7.26	7.05	7.33	0.28
7.108	7.04	7.343	7.331	7.288	7.06	7.04	7.32	0.28
6.937	6.938	7.228	7.251	7.243	6.89	6.97	7.24	0.27
6.696	6.752	6.913	6.997	6.941	6.89	6.68	6.95	0.27
6.966	6.99	7.31	7.23	7.184	7.15	6.98	7.24	0.27
6.634	6.556	6.886	6.843	6.852	6.79	6.60	6.86	0.26
7.121	7.195	6.919	6.961	6.896	7.12	7.19	6.93	-0.27
7.009	7.011	6.805	6.803	6.712	6.79	7.04	6.77	-0.27
6.913	6.985	6.627	6.757	6.652	6.78	6.95	6.68	-0.27
7.34	7.293	7.016	6.941	7.073	7.11	7.28	7.01	-0.27
7.511	7.404	7.235	7.132	7.198	7.32	7.47	7.19	-0.28
6.964	7.057	6.722	6.722	6.685	6.79	6.99	6.71	-0.28
7.616	7.623	7.399	7.255	7.34	7.58	7.62	7.33	-0.29
7.907	7.768	7.528	7.52	7.61	7.77	7.84	7.55	-0.29
7.641	7.772	7.469	7.427	7.385	7.48	7.72	7.43	-0.29
7.397	7.313	7.008	6.957	7.158	7.34	7.34	7.04	-0.30
7.647	7.638	7.295	7.342	7.227	7.33	7.59	7.29	-0.30
8.207	8.391	8.05	7.956	7.985	8.10	8.32	8.00	-0.32
7.89	7.652	7.451	7.424	7.451	7.55	7.76	7.44	-0.32
7.937	8.072	7.598	7.727	7.778	7.79	8.02	7.70	-0.32
7.815	7.982	7.613	7.467	7.64	7.62	7.89	7.57	-0.32
7.829	7.894	7.562	7.6	7.528	7.64	7.88	7.56	-0.32
8.142	8.298	7.887	7.928	7.83	8.25	8.20	7.88	-0.32
7.225	7.11	6.719	6.907	6.954	7.01	7.18	6.86	-0.32
7.285	7.437	7.065	7.037	7.109	7.25	7.39	7.07	-0.32
7.238	7.144	6.976	6.852	6.861	7.08	7.22	6.90	-0.32
8.145	8.188	7.738	7.859	7.834	7.81	8.14	7.81	-0.33
8.388	8.418	8.127	8.004	8.088	8.35	8.40	8.07	-0.33

8.328	8.16	8.029	7.851	7.891	8.15	8.25	7.92	-0.33
7.487	7.393	7.19	7.023	7.232	7.17	7.48	7.15	-0.33
8.374	8.342	8.09	8.006	8.082	8.43	8.39	8.06	-0.33
7.671	7.847	7.419	7.318	7.5	7.40	7.75	7.41	-0.33
8.281	8.403	7.929	8.117	8.048	8.08	8.37	8.03	-0.33
8.939	8.92	8.574	8.579	8.596	8.93	8.92	8.58	-0.33
7.998	7.78	7.528	7.466	7.534	7.93	7.85	7.51	-0.34
9.7	9.649	9.352	9.296	9.371	9.43	9.68	9.34	-0.34
6.992	7.207	6.833	6.81	6.766	6.94	7.14	6.80	-0.34
6.985	7.186	6.876	6.776	6.678	6.86	7.12	6.78	-0.34
8.567	8.724	8.342	8.235	8.393	8.50	8.67	8.32	-0.34
8.299	8.317	7.944	7.922	8.063	8.13	8.32	7.98	-0.34
7.821	7.755	7.596	7.403	7.312	7.81	7.78	7.44	-0.34
7.678	7.589	7.18	7.28	7.343	7.62	7.61	7.27	-0.34
8.526	8.447	8.077	8.028	8.231	8.31	8.46	8.11	-0.35
8.988	9.074	8.645	8.698	8.72	8.87	9.04	8.69	-0.35
8.933	9.044	8.633	8.639	8.618	8.74	8.98	8.63	-0.35
7.933	7.99	7.734	7.563	7.654	7.97	8.00	7.65	-0.35
7.73	7.695	7.344	7.267	7.567	7.68	7.74	7.39	-0.35
7.702	7.487	7.195	7.167	7.369	7.40	7.59	7.24	-0.35
8.364	8.546	8.117	8.165	8.132	8.54	8.49	8.14	-0.35
8.643	8.409	8.237	8.12	8.224	8.48	8.54	8.19	-0.35
7.826	7.885	7.498	7.618	7.408	7.77	7.86	7.51	-0.35
7.917	7.899	7.615	7.527	7.579	7.84	7.93	7.57	-0.35
7.553	7.545	7.224	7.184	7.294	7.52	7.59	7.23	-0.35
7.471	7.49	6.956	7.3	7.071	7.27	7.46	7.11	-0.35
7.632	7.569	7.262	7.122	7.362	7.40	7.60	7.25	-0.35
8.693	8.555	8.152	8.251	8.369	8.49	8.61	8.26	-0.35
7.045	7.289	6.846	6.878	6.761	6.91	7.18	6.83	-0.36
8.641	8.646	8.327	8.406	8.259	8.59	8.69	8.33	-0.36
9.391	9.408	9.05	8.943	9.148	9.46	9.41	9.05	-0.36
7.93	8.005	7.499	7.598	7.797	7.87	7.99	7.63	-0.36
7.729	7.654	7.329	7.427	7.25	7.48	7.70	7.34	-0.36
7.778	7.749	7.424	7.258	7.484	7.51	7.75	7.39	-0.36
8.174	8.13	7.739	7.736	7.917	7.99	8.16	7.80	-0.36
7.629	7.762	7.278	7.311	7.422	7.40	7.70	7.34	-0.36
7.638	7.836	7.44	7.258	7.346	7.51	7.71	7.35	-0.37
10.17	10.066	9.693	9.777	9.686	9.94	10.08	9.72	-0.37
7.99	7.828	7.571	7.415	7.724	7.70	7.94	7.57	-0.37
8.352	8.333	8.048	7.902	8.093	8.18	8.38	8.01	-0.37
7.72	7.803	7.493	7.404	7.348	7.79	7.78	7.42	-0.37
7.331	7.28	7.026	7.104	6.946	7.21	7.40	7.03	-0.37
7.971	7.875	7.774	7.505	7.545	7.74	7.98	7.61	-0.37
8.929	8.783	8.47	8.376	8.452	8.66	8.80	8.43	-0.37
8.407	8.352	7.989	8.065	8.031	8.52	8.40	8.03	-0.37
8.442	8.704	8.288	8.265	8.151	8.53	8.61	8.23	-0.37
8.313	8.28	7.917	8	7.884	8.02	8.31	7.93	-0.38

8.637	8.595	8.173	8.278	8.229	8.30	8.60	8.23	-0.38
7.834	7.87	7.583	7.494	7.395	7.72	7.87	7.49	-0.38
9.068	9.087	8.642	8.686	8.805	8.94	9.09	8.71	-0.38
8.009	7.963	7.717	7.523	7.556	7.84	7.97	7.60	-0.38
7.924	7.637	7.475	7.242	7.355	7.64	7.74	7.36	-0.38
7.509	7.404	7.018	7.125	7.028	7.13	7.44	7.06	-0.38
7.917	7.93	7.576	7.529	7.504	7.71	7.92	7.54	-0.38
9.584	9.447	9.224	9.227	9.067	9.57	9.56	9.17	-0.38
8.985	8.779	8.539	8.477	8.483	8.80	8.88	8.50	-0.38
7.398	7.436	7.26	6.956	7.012	7.29	7.46	7.08	-0.38
7.952	7.972	7.673	7.59	7.729	8.41	8.05	7.66	-0.38
9.725	9.826	9.506	9.287	9.34	9.48	9.76	9.38	-0.38
10.008	9.915	9.578	9.568	9.628	9.92	9.98	9.59	-0.38
9.361	9.358	8.916	9.16	8.934	9.22	9.39	9.00	-0.38
8.372	8.203	7.828	7.852	7.943	8.09	8.26	7.87	-0.39
7.964	8.039	7.633	7.697	7.575	7.93	8.02	7.64	-0.39
7.517	7.564	7.1	7.105	7.166	7.34	7.51	7.12	-0.39
8.379	8.203	8.009	7.84	7.915	8.14	8.31	7.92	-0.39
9.897	9.774	9.562	9.416	9.435	9.68	9.86	9.47	-0.39
7.995	7.804	7.338	7.486	7.663	7.67	7.89	7.50	-0.39
9.162	8.963	8.728	8.546	8.786	9.18	9.08	8.69	-0.39
8.525	8.559	8.193	8.05	8.195	8.39	8.54	8.15	-0.39
9.224	9.272	8.971	8.787	8.903	9.61	9.28	8.89	-0.39
9.765	9.808	9.461	9.277	9.479	9.79	9.80	9.41	-0.39
10.294	10.26	9.902	9.946	9.875	10.28	10.30	9.91	-0.39
8.256	8.158	7.847	7.983	7.788	8.18	8.26	7.87	-0.39
7.965	7.979	7.587	7.558	7.573	7.80	7.97	7.57	-0.39
8.153	8.235	7.795	7.683	7.841	8.15	8.17	7.77	-0.39
8.427	8.473	8.153	7.987	8.13	8.19	8.48	8.09	-0.39
10.066	10.214	9.715	9.754	9.621	10.12	10.09	9.70	-0.39
9.063	9	8.561	8.699	8.63	8.60	9.03	8.63	-0.40
8.366	8.247	7.775	7.899	7.886	7.98	8.25	7.85	-0.40
9.007	8.746	8.45	8.382	8.456	8.56	8.83	8.43	-0.40
10.965	10.906	10.483	10.54	10.668	10.55	10.96	10.56	-0.40
7.971	7.831	7.415	7.483	7.537	7.59	7.88	7.48	-0.40
7.694	7.626	7.274	7.336	7.356	7.56	7.72	7.32	-0.40
8.247	8.081	7.723	7.848	7.628	7.89	8.13	7.73	-0.40
8.256	8.38	7.821	8.063	7.889	8.02	8.33	7.92	-0.40
8.674	8.48	8.063	8.175	8.215	8.33	8.55	8.15	-0.40
8.073	7.854	7.432	7.483	7.664	7.83	7.93	7.53	-0.40
8.167	8.022	7.786	7.714	7.715	7.85	8.14	7.74	-0.40
8.998	9.032	8.501	8.713	8.572	8.75	9.00	8.60	-0.41
8.317	7.992	7.791	7.734	7.717	7.82	8.15	7.75	-0.41
10.067	10.177	9.759	9.726	9.761	10.06	10.16	9.75	-0.41
8.244	8.218	7.636	7.876	7.998	8.16	8.24	7.84	-0.41
9.119	9.1	8.647	8.721	8.544	8.91	9.05	8.64	-0.41
7.365	7.184	7.041	6.769	6.984	6.99	7.34	6.93	-0.41

7.557	7.525	7.035	7.096	7.174	7.46	7.51	7.10	-0.41
8.18	8.179	7.714	7.745	7.813	8.10	8.17	7.76	-0.41
8.568	8.557	8.244	8.007	8.262	8.38	8.58	8.17	-0.41
11.756	11.742	11.34	11.286	11.407	11.54	11.76	11.34	-0.41
8.107	8.261	7.848	7.694	7.859	8.22	8.22	7.80	-0.42
7.967	8.006	7.8	7.545	7.671	7.76	8.09	7.67	-0.42
10.262	10.077	9.816	9.665	9.829	10.13	10.19	9.77	-0.42
7.469	7.454	6.939	7.125	7.074	7.25	7.46	7.05	-0.42
9.76	9.899	9.522	9.411	9.521	10.16	9.90	9.48	-0.42
9.787	9.83	9.173	9.34	9.451	9.41	9.74	9.32	-0.42
9.187	9.275	8.746	8.724	8.924	9.26	9.22	8.80	-0.42
8.698	8.658	8.31	8.366	8.376	8.56	8.77	8.35	-0.42
7.246	7.16	6.73	6.867	6.744	6.96	7.20	6.78	-0.42
8.201	8.101	7.864	7.599	7.779	7.89	8.17	7.75	-0.42
9.181	9.061	8.593	8.588	8.785	8.87	9.08	8.66	-0.42
10.62	10.801	10.386	10.29	10.341	10.74	10.76	10.34	-0.42
10.164	10.164	9.8	9.753	9.867	10.05	10.23	9.81	-0.43
8.531	8.254	7.993	7.932	8.053	8.38	8.42	7.99	-0.43
9.997	10.117	9.596	9.649	9.746	10.31	10.09	9.66	-0.43
7.58	7.778	7.242	7.314	7.278	7.48	7.71	7.28	-0.43
7.961	7.9	7.524	7.362	7.632	7.81	7.93	7.51	-0.43
11.632	11.694	11.216	11.262	11.279	11.28	11.68	11.25	-0.43
9.049	8.808	8.504	8.392	8.635	8.78	8.94	8.51	-0.43
10.537	10.579	10.222	10.123	10.205	10.48	10.61	10.18	-0.43
9.581	9.469	9.008	8.964	9.254	9.20	9.51	9.08	-0.43
9.413	9.363	8.939	8.866	9.13	9.10	9.41	8.98	-0.43
9.04	8.884	8.574	8.482	8.386	8.64	8.91	8.48	-0.43
9.004	9.005	8.636	8.627	8.55	8.76	9.04	8.60	-0.43
9.843	10.001	9.619	9.464	9.536	9.79	9.97	9.54	-0.43
8.555	8.506	8.003	8.144	8.239	8.25	8.56	8.13	-0.43
8.034	8.16	7.938	7.609	7.554	8.01	8.13	7.70	-0.43
8.247	8.209	7.849	7.84	7.759	8.13	8.25	7.82	-0.44
8.98	8.725	8.44	8.233	8.484	8.69	8.82	8.39	-0.44
9.24	9.278	8.879	8.797	8.744	8.94	9.24	8.81	-0.44
9.461	9.212	9.008	8.817	8.921	9.23	9.35	8.92	-0.44
7.739	8.044	7.548	7.495	7.458	7.97	7.94	7.50	-0.44
7.712	7.726	7.256	7.294	7.274	7.49	7.72	7.27	-0.44
8.289	8.354	7.891	7.75	7.905	8.13	8.29	7.85	-0.44
11.892	11.696	11.371	11.369	11.369	11.69	11.81	11.37	-0.44
8.644	8.875	8.549	8.274	8.344	8.38	8.83	8.39	-0.44
7.498	7.18	6.999	6.939	7.083	7.36	7.45	7.01	-0.44
9.462	9.131	8.818	8.735	8.833	9.09	9.24	8.80	-0.44
10.243	10.003	9.756	9.729	9.575	9.98	10.13	9.69	-0.44
8.998	9.001	8.61	8.423	8.611	9.18	8.99	8.55	-0.44
8.724	8.414	8.096	8.083	8.055	8.36	8.52	8.08	-0.44
9.6	9.671	9.277	9.143	9.42	9.51	9.73	9.28	-0.45
9.383	9.306	8.768	9.168	8.868	9.37	9.38	8.93	-0.45

9.354	9.68	8.92	9.138	9.122	9.22	9.51	9.06	-0.45
8.583	8.914	8.159	8.473	8.224	8.51	8.73	8.29	-0.45
9.06	8.981	8.755	8.404	8.514	8.87	9.01	8.56	-0.45
8.01	8.044	7.902	7.481	7.569	8.11	8.10	7.65	-0.45
11.424	11.356	11.036	10.757	10.976	11.27	11.38	10.92	-0.45
10.937	10.882	10.354	10.447	10.506	10.42	10.89	10.44	-0.45
10.251	10.224	9.983	9.771	9.912	10.24	10.34	9.89	-0.45
8.044	8.349	7.706	7.643	7.848	8.14	8.19	7.73	-0.45
8.592	8.267	8.023	7.829	8.043	8.21	8.42	7.97	-0.45
8.478	8.311	7.899	7.884	8.066	8.34	8.40	7.95	-0.45
7.978	7.967	7.431	7.664	7.522	7.80	7.99	7.54	-0.46
7.465	7.544	7.014	7.045	7.032	7.39	7.49	7.03	-0.46
9.214	9.155	8.846	8.562	8.878	9.14	9.22	8.76	-0.46
9.463	9.615	9.108	9.116	9.268	9.40	9.62	9.16	-0.46
7.926	8.264	7.672	7.725	7.644	8.11	8.14	7.68	-0.46
8.918	9.167	8.743	8.536	8.599	8.97	9.09	8.63	-0.46
7.625	7.566	7.108	7.158	7.396	7.54	7.68	7.22	-0.46
9.939	9.941	9.471	9.448	9.527	9.87	9.94	9.48	-0.46
10.852	10.932	10.567	10.398	10.433	10.79	10.93	10.47	-0.46
11.175	11.092	10.76	10.6	10.553	10.68	11.10	10.64	-0.46
9.016	8.791	8.332	8.396	8.591	8.68	8.90	8.44	-0.46
9.317	9.122	8.876	8.555	8.769	8.86	9.20	8.73	-0.47
7.957	7.938	7.457	7.504	7.498	7.85	7.95	7.49	-0.47
9.552	9.385	9.087	8.997	9.08	9.38	9.52	9.05	-0.47
9.755	9.607	9.171	9.045	9.195	9.47	9.60	9.14	-0.47
9.34	9.762	8.958	9.114	9.14	8.97	9.54	9.07	-0.47
8.789	8.842	8.603	8.237	8.249	8.59	8.83	8.36	-0.47
8.141	7.836	7.517	7.444	7.556	7.83	7.97	7.51	-0.47
9.978	9.843	9.519	9.444	9.385	9.64	9.92	9.45	-0.47
9.37	9.441	8.868	8.939	8.919	9.24	9.38	8.91	-0.47
8.542	8.597	8.24	7.838	8.162	8.21	8.55	8.08	-0.47
8.683	8.94	8.259	8.368	8.444	8.65	8.83	8.36	-0.47
10.699	10.716	10.26	10.08	10.409	10.39	10.72	10.25	-0.47
8.46	8.374	7.986	7.88	7.937	8.27	8.41	7.93	-0.47
8.836	9.051	8.44	8.572	8.417	8.57	8.95	8.48	-0.47
9.564	9.221	9.011	9.01	8.83	9.10	9.42	8.95	-0.47
8.434	8.334	7.827	7.928	7.955	8.40	8.38	7.90	-0.47
9.875	9.681	9.269	9.352	9.284	9.43	9.78	9.30	-0.47
10.81	11.075	10.63	10.368	10.565	10.79	11.00	10.52	-0.47
8.78	8.709	8.28	8.274	8.273	8.60	8.75	8.28	-0.47
8.805	9.028	8.381	8.333	8.603	8.76	8.91	8.44	-0.47
8.875	8.909	8.488	8.433	8.352	9.17	8.90	8.42	-0.47
11.535	11.316	11.131	10.864	11.042	11.41	11.49	11.01	-0.48
10.249	9.891	9.468	9.617	9.437	9.73	9.98	9.51	-0.48
8.586	8.574	8.153	7.983	8.273	8.31	8.61	8.14	-0.48
9.094	9.108	8.83	8.605	8.714	8.96	9.19	8.72	-0.48
10.921	10.961	10.453	10.309	10.628	11.06	10.94	10.46	-0.48

9.099	9.178	8.725	8.461	8.847	9.26	9.16	8.68	-0.48
9.864	9.735	9.244	9.326	9.328	9.42	9.78	9.30	-0.48
9.066	8.727	8.407	8.264	8.6	8.53	8.91	8.42	-0.48
9.109	9.248	8.584	8.544	8.749	8.83	9.11	8.63	-0.48
9.93	9.74	9.195	9.268	9.469	9.87	9.80	9.31	-0.48
9.605	9.553	9.031	9.024	9.077	9.10	9.53	9.04	-0.49
7.885	7.959	7.337	7.27	7.477	8.19	7.85	7.36	-0.49
10.846	10.605	10.417	10.185	10.181	10.56	10.75	10.26	-0.49
7.976	7.885	7.483	7.326	7.618	7.75	7.96	7.48	-0.49
8.136	8.101	7.721	7.727	7.634	7.89	8.18	7.69	-0.49
10.891	10.93	10.568	10.416	10.511	10.78	10.99	10.50	-0.49
9.627	9.411	9.15	9.004	9.074	9.16	9.56	9.08	-0.49
8.124	7.919	7.509	7.433	7.52	7.66	7.98	7.49	-0.49
8.051	7.962	7.52	7.758	7.299	7.99	8.02	7.53	-0.49
9.895	9.715	9.316	9.442	9.191	9.53	9.81	9.32	-0.49
9.223	8.985	8.588	8.659	8.54	8.87	9.09	8.60	-0.49
10.211	10.175	9.845	9.602	9.601	9.97	10.18	9.68	-0.49
12.035	12.179	11.769	11.65	11.637	12.02	12.18	11.69	-0.49
11.414	11.566	11.037	10.908	11.221	11.55	11.55	11.06	-0.49
8.522	8.202	7.851	7.711	7.879	8.07	8.31	7.81	-0.49
9.869	9.856	9.195	9.362	9.518	9.86	9.85	9.36	-0.50
9.863	9.844	9.381	9.077	9.477	9.48	9.81	9.31	-0.50
9.488	9.352	8.832	8.805	9.079	9.12	9.40	8.91	-0.50
7.264	7.474	6.957	6.904	7.161	7.14	7.51	7.01	-0.50
7.799	7.835	7.337	7.348	7.398	7.98	7.86	7.36	-0.50
8.541	8.843	8.336	8.183	8.015	8.52	8.68	8.18	-0.50
12.645	12.812	12.232	12.297	12.347	12.73	12.79	12.29	-0.50
9.162	9.312	8.513	8.62	8.897	9.01	9.18	8.68	-0.50
8.642	8.82	8.392	8.263	8.423	8.74	8.86	8.36	-0.50
8.529	8.325	7.934	7.765	7.897	8.08	8.37	7.87	-0.51
8.337	8.327	7.951	7.574	7.989	8.13	8.35	7.84	-0.51
8.841	8.812	8.318	8.336	8.204	8.75	8.79	8.29	-0.51
12.069	12.233	11.889	11.635	11.56	11.94	12.20	11.69	-0.51
8.294	8.32	7.696	7.715	7.787	7.92	8.24	7.73	-0.51
8.73	8.188	7.877	7.777	7.969	8.17	8.38	7.87	-0.51
10.603	10.144	9.736	9.903	9.805	10.46	10.33	9.81	-0.51
9.152	9.248	8.511	8.594	8.949	9.05	9.20	8.68	-0.51
9.653	9.804	9.182	9.284	9.235	9.46	9.75	9.23	-0.51
11.045	11.038	10.624	10.319	10.55	10.88	11.01	10.50	-0.51
11.829	11.824	11.309	11.341	11.325	11.62	11.84	11.33	-0.51
8.623	8.511	7.967	7.967	8.012	8.62	8.50	7.98	-0.52
11.204	11.146	10.642	10.408	10.748	10.87	11.12	10.60	-0.52
8.332	8.033	7.636	7.411	7.839	8.27	8.15	7.63	-0.52
8.846	8.797	8.283	8.334	8.457	8.87	8.88	8.36	-0.52
9.77	9.948	9.481	9.215	9.509	9.92	9.92	9.40	-0.52
9.921	9.555	9.252	9.123	9.278	9.67	9.74	9.22	-0.52
9.308	8.945	8.67	8.424	8.619	9.05	9.09	8.57	-0.52

9.339	9.526	9.061	8.767	8.884	9.34	9.43	8.90	-0.52
9.144	9.244	8.633	8.83	8.612	9.41	9.22	8.69	-0.52
7.97	7.933	7.29	7.401	7.583	7.79	7.95	7.42	-0.53
7.58	7.667	7.261	6.973	7.053	7.40	7.62	7.10	-0.53
10.815	10.803	10.2	10.132	10.356	10.55	10.76	10.23	-0.53
8.484	8.691	8.035	7.922	8.016	8.29	8.52	7.99	-0.53
8.422	8.554	8.004	7.881	7.929	8.30	8.47	7.94	-0.53
8.413	8.645	8.131	7.798	8.244	8.65	8.59	8.06	-0.53
8.327	8.386	7.895	7.755	7.838	8.31	8.36	7.83	-0.53
12.335	12.447	11.767	12.062	11.797	12.17	12.41	11.88	-0.54
8.208	8.272	7.644	7.634	7.849	7.96	8.25	7.71	-0.54
8.479	8.134	7.755	7.827	7.734	8.06	8.31	7.77	-0.54
10.553	10.667	10.176	10.116	9.964	10.44	10.63	10.09	-0.54
8.091	7.881	7.76	7.224	7.48	7.89	8.03	7.49	-0.54
9.915	9.749	9.276	9.177	9.416	9.59	9.84	9.29	-0.55
8.372	8.329	8.088	7.635	7.997	8.65	8.45	7.91	-0.55
9.97	9.758	9.385	9.245	9.275	9.82	9.85	9.30	-0.55
9.577	9.386	9.19	8.676	9.031	9.29	9.52	8.97	-0.55
8.296	8.393	7.791	7.669	7.903	8.31	8.34	7.79	-0.55
9.482	9.098	8.8	8.605	8.765	8.83	9.27	8.72	-0.55
10.038	10.012	9.594	9.498	9.364	9.97	10.04	9.49	-0.55
8.767	9.124	8.626	8.431	8.253	8.53	8.99	8.44	-0.55
9.551	9.647	9.152	9.018	9.064	9.81	9.63	9.08	-0.56
9.008	8.969	8.442	8.336	8.493	8.69	8.98	8.42	-0.56
8.907	8.608	8.317	8.186	8.255	8.47	8.81	8.25	-0.56
9.405	9.841	9.086	8.953	9.22	9.67	9.65	9.09	-0.56
9.591	9.682	9.064	9.175	9.052	9.49	9.66	9.10	-0.56
8.742	8.891	8.471	8.167	8.312	8.96	8.88	8.32	-0.56
8.272	8.481	7.923	7.813	7.976	8.49	8.47	7.90	-0.56
10.29	10.388	9.826	9.634	9.931	10.16	10.36	9.80	-0.57
9.361	9.127	8.952	8.407	8.67	9.29	9.25	8.68	-0.57
8.427	8.575	8.028	7.79	8.087	8.34	8.55	7.97	-0.58
11.37	11.26	10.653	10.525	10.898	10.90	11.27	10.69	-0.58
9.695	9.664	9.114	9.043	9.008	9.34	9.64	9.06	-0.58
9.836	9.799	9.305	8.947	9.468	9.54	9.82	9.24	-0.58
9.449	9.643	8.893	8.787	9.17	9.32	9.54	8.95	-0.59
8.198	8.033	7.354	7.566	7.598	7.82	8.09	7.51	-0.59
7.506	7.569	6.975	6.99	7.047	7.35	7.60	7.00	-0.59
11.937	11.908	11.208	11.422	11.306	11.83	11.91	11.31	-0.59
8.654	8.502	8.065	7.86	8.097	8.35	8.60	8.01	-0.59
8.664	8.727	8.177	8.099	8.155	8.63	8.74	8.14	-0.59
9.561	9.644	8.908	8.966	9.092	9.69	9.58	8.99	-0.59
12.939	12.879	12.394	12.06	12.519	12.60	12.92	12.32	-0.59
9.741	9.108	8.998	8.631	8.785	9.68	9.40	8.80	-0.60
11.619	11.407	11.044	10.734	11.079	11.30	11.55	10.95	-0.60
8.423	8.142	7.567	7.455	7.886	8.12	8.24	7.64	-0.60
8.906	8.789	8.229	8.064	8.388	8.48	8.83	8.23	-0.60

8.152	8.312	7.476	7.782	7.643	7.99	8.23	7.63	-0.60
11.276	11.045	10.234	10.531	10.852	10.82	11.14	10.54	-0.60
8.297	8.227	7.572	7.787	7.71	8.04	8.30	7.69	-0.61
8.232	8.027	7.525	7.493	7.527	7.80	8.12	7.52	-0.61
9.935	10.009	9.399	9.259	9.55	9.92	10.01	9.40	-0.61
10.654	10.684	10.117	10.165	9.978	10.42	10.70	10.09	-0.62
10.358	10.356	10.081	9.459	9.688	10.24	10.36	9.74	-0.62
8.624	8.552	7.99	7.749	8.083	8.52	8.56	7.94	-0.62
9.992	10.099	9.358	9.316	9.58	9.92	10.04	9.42	-0.62
11.863	12.012	11.369	11.165	11.333	11.77	11.91	11.29	-0.62
9.82	10.099	9.514	9.323	9.41	9.94	10.04	9.42	-0.63
8.807	9.442	8.542	8.574	8.303	8.97	9.10	8.47	-0.63
8.89	8.731	8.393	7.935	8.443	8.87	8.88	8.26	-0.63
8.678	8.538	8.14	7.778	7.992	8.62	8.60	7.97	-0.63
8.333	8.338	7.477	7.729	7.868	8.03	8.32	7.69	-0.63
10.147	10.078	9.611	9.385	9.563	9.82	10.16	9.52	-0.64
9.338	9.515	8.955	8.713	8.658	9.27	9.41	8.78	-0.64
8.852	8.456	8.079	8.051	8.109	8.42	8.72	8.08	-0.64
9.342	9.279	8.586	8.883	8.562	9.10	9.32	8.68	-0.64
8.38	7.954	7.393	7.324	7.722	7.93	8.12	7.48	-0.64
9.572	9.474	8.855	8.785	9.144	9.85	9.57	8.93	-0.64
9.981	9.928	9.248	9.356	9.291	9.54	9.94	9.30	-0.64
10.096	9.878	9.296	9.255	9.352	9.62	9.95	9.30	-0.65
10.086	10.355	9.678	9.636	9.324	10.20	10.20	9.55	-0.66
8.934	8.774	8.344	8.213	8.015	9.13	8.85	8.19	-0.66
9.377	9.101	8.495	8.561	8.684	9.21	9.24	8.58	-0.66
9.801	9.438	8.867	9.191	8.812	9.17	9.61	8.96	-0.66
8.249	8.088	7.641	7.184	7.599	7.90	8.13	7.47	-0.66
10.204	10.088	9.436	9.091	9.622	10.20	10.04	9.38	-0.66
8.844	9.373	8.292	8.324	8.807	8.89	9.14	8.47	-0.66
10.863	10.71	10.057	10.028	10.281	10.42	10.80	10.12	-0.67
8.596	8.821	8.118	8.073	7.988	8.32	8.74	8.06	-0.68
8.413	8.437	7.897	7.52	7.86	8.22	8.44	7.76	-0.68
11.133	11.125	10.204	10.599	10.624	10.78	11.16	10.48	-0.68
12.342	12.156	11.447	11.504	11.845	12.10	12.29	11.60	-0.69
9.272	8.793	8.528	8.438	8.168	8.62	9.08	8.38	-0.70
10.007	9.662	9.016	9.326	9.033	9.64	9.83	9.13	-0.70
8.791	8.558	7.959	7.697	8.115	8.63	8.62	7.92	-0.70
10.113	10.052	9.483	9.305	9.415	9.76	10.12	9.40	-0.72
8.487	8.614	7.738	7.708	8.188	8.36	8.60	7.88	-0.72
9.908	9.909	9.347	9.131	9.318	9.80	9.99	9.27	-0.72
11.082	10.653	10.188	10.033	10.277	10.42	10.89	10.17	-0.72
8.443	8.172	7.542	7.511	7.656	8.01	8.29	7.57	-0.72
9.006	9.006	8.06	8.135	8.675	9.05	9.01	8.29	-0.72
9.469	9.038	8.635	8.507	8.511	9.21	9.28	8.55	-0.73
8.501	8.431	8.193	7.584	7.645	8.38	8.54	7.81	-0.73
11.787	11.633	10.933	10.837	11.174	11.33	11.72	10.98	-0.74

13.275	12.985	12.347	12.105	12.62	13.08	13.11	12.36	-0.75
10.867	10.916	10.063	9.988	10.343	10.56	10.89	10.13	-0.76
9.058	9.004	8.362	8.055	8.508	9.29	9.07	8.31	-0.76
9.087	9.016	8.274	8.373	8.314	8.79	9.08	8.32	-0.76
12.494	12.248	11.657	11.547	11.76	12.36	12.42	11.65	-0.76
8.185	8.158	7.374	7.237	7.475	8.07	8.13	7.36	-0.77
9.758	9.76	8.935	8.64	9.399	9.93	9.76	8.99	-0.77
7.977	8.227	7.456	7.342	7.36	7.95	8.16	7.39	-0.77
9.375	8.804	8.343	8.484	8.48	9.73	9.22	8.44	-0.79
9.186	9.06	8.523	8.186	8.379	9.21	9.16	8.36	-0.80
12.92	12.643	11.916	11.518	12.372	12.44	12.74	11.94	-0.80
10.132	9.86	9.243	9.248	9.134	10.00	10.01	9.21	-0.80
10.818	10.303	9.838	9.402	9.897	9.88	10.52	9.71	-0.81
9.019	8.85	8.377	8.249	7.953	9.02	9.01	8.19	-0.81
9.656	9.506	8.823	8.652	8.958	9.29	9.63	8.81	-0.82
9.458	9.852	8.846	8.876	8.784	9.28	9.69	8.84	-0.86
10.504	10.376	9.949	9.582	9.426	10.72	10.52	9.65	-0.87
9.138	8.801	8.023	7.907	8.177	8.56	8.91	8.04	-0.88
9.131	8.898	8.276	8.173	7.993	8.69	9.04	8.15	-0.89
8.748	8.568	7.903	7.734	7.881	8.88	8.73	7.84	-0.89
10.599	10.416	9.655	9.281	9.851	10.60	10.54	9.60	-0.94
8.381	8.574	7.469	7.342	7.865	8.31	8.51	7.56	-0.95
9.661	9.707	8.606	9.061	8.394	9.49	9.69	8.69	-1.00
9.27	9.179	8.173	8.151	8.485	9.17	9.27	8.27	-1.00
8.606	8.831	7.723	7.691	7.664	8.70	8.75	7.69	-1.06
9.584	9.494	8.453	8.201	8.866	9.18	9.56	8.51	-1.06
10.593	10.019	9.423	9.033	9.193	10.03	10.32	9.22	-1.11
11.67	11.452	10.524	10.03	10.696	11.08	11.56	10.42	-1.15
10.013	10.003	9.02	8.897	8.791	9.91	10.12	8.90	-1.22
10.695	10.223	8.808	8.857	8.952	10.22	10.39	8.87	-1.52
11.557	11.174	9.294	9.543	9.866	10.98	11.36	9.57	-1.79

SYMBOL	DEFINITION
POSTN	Homo sapiens periostin, osteoblast specific factor (POSTN), mRNA.
DUOXA2	Homo sapiens dual oxidase maturation factor 2 (DUOXA2), mRNA.
DUOX2	Homo sapiens dual oxidase 2 (DUOX2), mRNA.
FAM3D	Homo sapiens family with sequence similarity 3, member D (FAM3D), mRNA.
IFI6	Homo sapiens interferon, alpha-inducible protein 6 (IFI6), transcript variant 2, mRNA.
RPTN	PREDICTED: Homo sapiens repetin (RPTN), mRNA.
INDO	Homo sapiens indoleamine-pyrrole 2,3 dioxygenase (INDO), mRNA.
LOC10012[illegible]	PREDICTED: Homo sapiens similar to NPC-A-7 (LOC100129681), mRNA.
BST2	Homo sapiens bone marrow stromal cell antigen 2 (BST2), mRNA.
CTSK	Homo sapiens cathepsin K (CTSK), mRNA.
IDO1	Homo sapiens indoleamine 2,3-dioxygenase 1 (IDO1), mRNA.
IFIT3	Homo sapiens interferon-induced protein with tetratricopeptide repeats 3 (IFIT3), mRNA.
CAPN5	Homo sapiens calpain 5 (CAPN5), mRNA.
STAT1	Homo sapiens signal transducer and activator of transcription 1, 91kDa (STAT1), transcript v
LOC64563[illegible]	PREDICTED: Homo sapiens misc_RNA (LOC645638), miscRNA.
SLC6A14	Homo sapiens solute carrier family 6 (amino acid transporter), member 14 (SLC6A14), mRN
OAS1	Homo sapiens 2',5'-oligoadenylate synthetase 1, 40/46kDa (OAS1), transcript variant 1, mR
SAMD9L	Homo sapiens sterile alpha motif domain containing 9-like (SAMD9L), mRNA.
C6orf205	Homo sapiens chromosome 6 open reading frame 205 (C6orf205), mRNA.
MUC16	Homo sapiens mucin 16, cell surface associated (MUC16), mRNA.
KYNU	Homo sapiens kynureninase (L-kynurenine hydrolase) (KYNU), transcript variant 1, mRNA.
C1orf116	Homo sapiens chromosome 1 open reading frame 116 (C1orf116), mRNA.
STAT1	Homo sapiens signal transducer and activator of transcription 1, 91kDa (STAT1), transcript v
MUC21	Homo sapiens mucin 21, cell surface associated (MUC21), mRNA.
DDX60	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 (DDX60), mRNA.
KRT80	Homo sapiens keratin 80 (KRT80), transcript variant 1, mRNA.
LOC38959[illegible]	PREDICTED: Homo sapiens similar to amyotrophic lateral sclerosis 2 (juvenile) chromosome
C10orf99	Homo sapiens chromosome 10 open reading frame 99 (C10orf99), mRNA.
DSG1	Homo sapiens desmoglein 1 (DSG1), mRNA.
GPD1L	Homo sapiens glycerol-3-phosphate dehydrogenase 1-like (GPD1L), mRNA.
HERC6	Homo sapiens hect domain and RLD 6 (HERC6), transcript variant 1, mRNA.
GBP1	Homo sapiens guanylate binding protein 1, interferon-inducible, 67kDa (GBP1), mRNA.
C6orf205	Homo sapiens chromosome 6 open reading frame 205 (C6orf205), mRNA.
ATP6V1C2	Homo sapiens ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C2 (ATP6V1C2), transc
CXCL5	Homo sapiens chemokine (C-X-C motif) ligand 5 (CXCL5), mRNA.
MX2	Homo sapiens myxovirus (influenza virus) resistance 2 (mouse) (MX2), mRNA.
DCN	Homo sapiens decorin (DCN), transcript variant A1, mRNA.
OAS1	Homo sapiens 2',5'-oligoadenylate synthetase 1, 40/46kDa (OAS1), transcript variant 3, mR
GCNT1	Homo sapiens glucosaminyl (N-acetyl) transferase 1, core 2 (beta-1,6-N-acetylglucosaminylt
EYA2	Homo sapiens eyes absent homolog 2 (Drosophila) (EYA2), transcript variant 4, mRNA.
IFIT3	Homo sapiens interferon-induced protein with tetratricopeptide repeats 3 (IFIT3), mRNA.
IFI44	Homo sapiens interferon-induced protein 44 (IFI44), mRNA.
	hx21e11.y1 Human primary human ocular pericytes. Equalized (hx) Homo sapiens cDNA clo

IFI6	Homo sapiens interferon, alpha-inducible protein 6 (IFI6), transcript variant 3, mRNA.
HSH2D	Homo sapiens hematopoietic SH2 domain containing (HSH2D), mRNA.
F3	Homo sapiens coagulation factor III (thromboplastin, tissue factor) (F3), mRNA.
SLC2A12	Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 12 (SLC2A12
PARP9	Homo sapiens poly (ADP-ribose) polymerase family, member 9 (PARP9), mRNA.
MGLL	Homo sapiens monoglyceride lipase (MGLL), transcript variant 1, mRNA.
ABLIM1	Homo sapiens actin binding LIM protein 1 (ABLIM1), transcript variant 2, mRNA.
IFI27	Homo sapiens interferon, alpha-inducible protein 27 (IFI27), transcript variant 2, mRNA.
MX1	Homo sapiens myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mo
OAS1	Homo sapiens 2',5'-oligoadenylate synthetase 1, 40/46kDa (OAS1), transcript variant 3, mRN
BEXL1	PREDICTED: Homo sapiens brain expressed X-linked-like 1 (BEXL1), mRNA.
STRADB	Homo sapiens STE20-related kinase adaptor beta (STRADB), mRNA.
NUCB2	Homo sapiens nucleobindin 2 (NUCB2), mRNA.
ALDH3B1	Homo sapiens aldehyde dehydrogenase 3 family, member B1 (ALDH3B1), transcript variant
ZNFX1	Homo sapiens zinc finger, NFX1-type containing 1 (ZNFX1), mRNA.
EPSTI1	Homo sapiens epithelial stromal interaction 1 (breast) (EPSTI1), transcript variant 2, mRNA.
MRPS35	Homo sapiens mitochondrial ribosomal protein S35 (MRPS35), nuclear gene encoding mitoc
SLC44A3	Homo sapiens solute carrier family 44, member 3 (SLC44A3), mRNA.
KYNU	Homo sapiens kynureninase (L-kynurenine hydrolase) (KYNU), transcript variant 2, mRNA.
UPK2	Homo sapiens uroplakin 2 (UPK2), mRNA.
RNF170	Homo sapiens ring finger protein 170 (RNF170), mRNA.
ERP27	Homo sapiens endoplasmic reticulum protein 27 kDa (ERP27), mRNA.
LOC399988	PREDICTED: Homo sapiens misc_RNA (LOC399988), miscRNA.
HSPA8	Homo sapiens heat shock 70kDa protein 8 (HSPA8), transcript variant 1, mRNA.
PSG9	Homo sapiens pregnancy specific beta-1-glycoprotein 9 (PSG9), mRNA.
GCA	Homo sapiens grancalcin, EF-hand calcium binding protein (GCA), mRNA.
OASL	Homo sapiens 2'-5'-oligoadenylate synthetase-like (OASL), transcript variant 2, mRNA.
LOC642567	PREDICTED: Homo sapiens misc_RNA (LOC642567), miscRNA.
HSPA8	Homo sapiens heat shock 70kDa protein 8 (HSPA8), transcript variant 2, mRNA.
PARP9	Homo sapiens poly (ADP-ribose) polymerase family, member 9 (PARP9), mRNA.
RPL29	Homo sapiens ribosomal protein L29 (RPL29), mRNA.
PGAM4	Homo sapiens phosphoglycerate mutase family member 4 (PGAM4), mRNA.
DYNLT3	Homo sapiens dynein, light chain, Tctex-type 3 (DYNLT3), mRNA.
ABLIM1	Homo sapiens actin binding LIM protein 1 (ABLIM1), transcript variant 4, mRNA.
RFPL1S	Homo sapiens RFPL1 antisense RNA (non-protein coding) (RFPL1S), non-coding RNA.
LOC643384	PREDICTED: Homo sapiens hypothetical LOC643384 (LOC643384), mRNA.
DDX60L	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 60-like (DDX60L), mRNA.
DBNDD1	Homo sapiens dysbindin (dystrobrevin binding protein 1) domain containing 1 (DBNDD1), tr
PAQR8	Homo sapiens progestin and adipoQ receptor family member VIII (PAQR8), mRNA.
FTH1	Homo sapiens ferritin, heavy polypeptide 1 (FTH1), mRNA.
TSPAN3	Homo sapiens tetraspanin 3 (TSPAN3), transcript variant 1, mRNA.
HSP90AA1	Homo sapiens heat shock protein 90kDa alpha (cytosolic), class A member 1 (HSP90AA1), tr
FOLR3	Homo sapiens folate receptor 3 (gamma) (FOLR3), mRNA.
LOC100130	PREDICTED: Homo sapiens hypothetical protein LOC100130707 (LOC100130707), mRNA.
FUCA2	Homo sapiens fucosidase, alpha-L- 2, plasma (FUCA2), mRNA.
DCN	Homo sapiens decorin (DCN), transcript variant A2, mRNA.
CRYAB	Homo sapiens crystallin, alpha B (CRYAB), mRNA.

RTCD1	Homo sapiens RNA terminal phosphate cyclase domain 1 (RTCD1), mRNA.
KRT80	Homo sapiens keratin 80 (KRT80), transcript variant 1, mRNA.
GPR1	Homo sapiens G protein-coupled receptor 1 (GPR1), transcript variant 2, mRNA.
LOC341965	PREDICTED: Homo sapiens misc_RNA (LOC341965), miscRNA.
TMEM66	Homo sapiens transmembrane protein 66 (TMEM66), mRNA.
PSG3	Homo sapiens pregnancy specific beta-1-glycoprotein 3 (PSG3), mRNA.
LAP3	Homo sapiens leucine aminopeptidase 3 (LAP3), mRNA.
B3GALNT1	Homo sapiens beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group) (B3GA
RPL13	Homo sapiens ribosomal protein L13 (RPL13), transcript variant 2, mRNA.
DBNDD2	Homo sapiens dysbindin (dystrobrevin binding protein 1) domain containing 2 (DBNDD2), tr
SUCLA2	Homo sapiens succinate-CoA ligase, ADP-forming, beta subunit (SUCLA2), mRNA.
LOC642502	PREDICTED: Homo sapiens similar to succinate dehydrogenase complex, subunit C isoform 3
PGAM4	Homo sapiens phosphoglycerate mutase family member 4 (PGAM4), mRNA.
USP18	Homo sapiens ubiquitin specific peptidase 18 (USP18), mRNA.
UBE2A	Homo sapiens ubiquitin-conjugating enzyme E2A (RAD6 homolog) (UBE2A), transcript variar
F3	Homo sapiens coagulation factor III (thromboplastin, tissue factor) (F3), mRNA.
SBDS	Homo sapiens Shwachman-Bodian-Diamond syndrome (SBDS), mRNA.
CHPT1	Homo sapiens choline phosphotransferase 1 (CHPT1), mRNA.
LOC650412	PREDICTED: Homo sapiens similar to dynein heavy chain, putative (LOC650412), mRNA.
OAS3	Homo sapiens 2'-5'-oligoadenylate synthetase 3, 100kDa (OAS3), mRNA.
ERBB2	Homo sapiens v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblasto
PPM1K	Homo sapiens protein phosphatase 1K (PP2C domain containing) (PPM1K), mRNA.
NCRNA000	Homo sapiens non-protein coding RNA 95 (NCRNA00095), non-coding RNA.
ELOVL7	Homo sapiens ELOVL family member 7, elongation of long chain fatty acids (yeast) (ELOVL7)
UNC93B1	Homo sapiens unc-93 homolog B1 (C. elegans) (UNC93B1), mRNA.
MUM1L1	Homo sapiens melanoma associated antigen (mutated) 1-like 1 (MUM1L1), mRNA.
CTSL2	Homo sapiens cathepsin L2 (CTSL2), mRNA.
SMAGP	Homo sapiens small cell adhesion glycoprotein (SMAGP), transcript variant 2, mRNA.
BNIP3L	Homo sapiens BCL2/adenovirus E1B 19kDa interacting protein 3-like (BNIP3L), mRNA.
CPPED1	Homo sapiens calcineurin-like phosphoesterase domain containing 1 (CPPED1), transcript va
KLF4	Homo sapiens Kruppel-like factor 4 (gut) (KLF4), mRNA.
AMD1	Homo sapiens adenosylmethionine decarboxylase 1 (AMD1), transcript variant 2, mRNA.
CPT2	Homo sapiens carnitine palmitoyltransferase II (CPT2), nuclear gene encoding mitochondria
C1orf116	Homo sapiens chromosome 1 open reading frame 116 (C1orf116), transcript variant 1, mRN
MOBKL3	Homo sapiens MOB1, Mps One Binder kinase activator-like 3 (yeast) (MOBKL3), transcript va
TAP1	Homo sapiens transporter 1, ATP-binding cassette, sub-family B (MDR/TAP) (TAP1), mRNA.
PAFAH2	Homo sapiens platelet-activating factor acetylhydrolase 2, 40kDa (PAFAH2), mRNA.
LOC286208	PREDICTED: Homo sapiens hypothetical protein LOC286208, transcript variant 1 (LOC28620
CDV3	Homo sapiens CDV3 homolog (mouse) (CDV3), mRNA. XM_945284 XM_945286 XM_945287
MDFIC	Homo sapiens MyoD family inhibitor domain containing (MDFIC), mRNA.
PHACTR2	Homo sapiens phosphatase and actin regulator 2 (PHACTR2), transcript variant 1, mRNA.
UCA1	Homo sapiens urothelial cancer associated 1 (non-protein coding) (UCA1), non-coding RNA.
LOC100132	PREDICTED: Homo sapiens hypothetical protein LOC100132717 (LOC100132717), mRNA.
RHOD	Homo sapiens ras homolog gene family, member D (RHOD), mRNA.
CES2	Homo sapiens carboxylesterase 2 (intestine, liver) (CES2), transcript variant 1, mRNA.
MYL5	Homo sapiens myosin, light chain 5, regulatory (MYL5), mRNA.
LOC647859	PREDICTED: Homo sapiens similar to Occludin (LOC647859), mRNA.

LGALS3BP	Homo sapiens lectin, galactoside-binding, soluble, 3 binding protein (LGALS3BP), mRNA.
LOC554223	PREDICTED: Homo sapiens hypothetical LOC554223, transcript variant 4 (LOC554223), misc
SERF2	Homo sapiens small EDRK-rich factor 2 (SERF2), mRNA.
CD55	Homo sapiens CD55 molecule, decay accelerating factor for complement (Cromer blood gro
TMED5	Homo sapiens transmembrane emp24 protein transport domain containing 5 (TMED5), mRI
DSG2	Homo sapiens desmoglein 2 (DSG2), mRNA.
NSF	Homo sapiens N-ethylmaleimide-sensitive factor (NSF), mRNA.
NAAA	Homo sapiens N-acylethanolamine acid amidase (NAAA), transcript variant 1, mRNA.
OSTC	Homo sapiens oligosaccharyltransferase complex subunit (OSTC), mRNA.
OPTN	Homo sapiens optineurin (OPTN), transcript variant 4, mRNA.
	Homo sapiens cDNA FLJ33158 fis, clone UTERU2000418
MMP3	Homo sapiens matrix metallopeptidase 3 (stromelysin 1, progelatinase) (MMP3), mRNA.
IFIH1	Homo sapiens interferon induced with helicase C domain 1 (IFIH1), mRNA.
NAAA	Homo sapiens N-acylethanolamine acid amidase (NAAA), transcript variant 1, mRNA.
CXCL11	Homo sapiens chemokine (C-X-C motif) ligand 11 (CXCL11), mRNA.
CCDC132	Homo sapiens coiled-coil domain containing 132 (CCDC132), transcript variant 1, mRNA.
ICAM3	Homo sapiens intercellular adhesion molecule 3 (ICAM3), mRNA.
ZSCAN18	Homo sapiens zinc finger and SCAN domain containing 18 (ZSCAN18), mRNA.
SUCLA2	Homo sapiens succinate-CoA ligase, ADP-forming, beta subunit (SUCLA2), mRNA.
LOC643856	PREDICTED: Homo sapiens similar to hCG2026922 (LOC643856), miscRNA.
SH2D1B	Homo sapiens SH2 domain containing 1B (SH2D1B), mRNA.
CTSD	Homo sapiens cathepsin D (CTSD), mRNA.
LOC401152	Homo sapiens HCV F-transactivated protein 1 (LOC401152), mRNA.
IMPA1	Homo sapiens inositol(myo)-1(or 4)-monophosphatase 1 (IMPA1), mRNA.
HSBP1	Homo sapiens heat shock factor binding protein 1 (HSBP1), mRNA.
COQ9	Homo sapiens coenzyme Q9 homolog (S. cerevisiae) (COQ9), mRNA.
TSPO	Homo sapiens translocator protein (18kDa) (TSPO), transcript variant PBR, mRNA.
SLC39A11	Homo sapiens solute carrier family 39 (metal ion transporter), member 11 (SLC39A11), mRN
GGT6	Homo sapiens gamma-glutamyltransferase 6 homolog (rat) (GGT6), mRNA.
C10orf54	Homo sapiens chromosome 10 open reading frame 54 (C10orf54), mRNA.
DSG2	Homo sapiens desmoglein 2 (DSG2), mRNA.
MYL5	Homo sapiens myosin, light chain 5, regulatory (MYL5), mRNA.
ALG13	Homo sapiens asparagine-linked glycosylation 13 homolog (S. cerevisiae) (ALG13), mRNA.
ERP29	Homo sapiens endoplasmic reticulum protein 29 (ERP29), transcript variant 1, mRNA.
NMD3	Homo sapiens NMD3 homolog (S. cerevisiae) (NMD3), mRNA.
CHMP5	Homo sapiens chromatin modifying protein 5 (CHMP5), mRNA.
CYB561	Homo sapiens cytochrome b-561 (CYB561), transcript variant 1, mRNA.
ARL1	Homo sapiens ADP-ribosylation factor-like 1 (ARL1), mRNA.
HNRNPH2	Homo sapiens heterogeneous nuclear ribonucleoprotein H2 (H') (HNRNPH2), transcript varia
C2orf30	Homo sapiens chromosome 2 open reading frame 30 (C2orf30), mRNA.
LOC730344	PREDICTED: Homo sapiens hypothetical protein LOC730344 (LOC730344), mRNA.
MCEE	Homo sapiens methylmalonyl CoA epimerase (MCEE), mRNA.
C3orf57	Homo sapiens chromosome 3 open reading frame 57 (C3orf57), mRNA.
FAM162A	Homo sapiens family with sequence similarity 162, member A (FAM162A), mRNA.
SPIN2B	Homo sapiens spindlin family, member 2B (SPIN2B), transcript variant 1, mRNA.
ACAP2	Homo sapiens ArfGAP with coiled-coil, ankyrin repeat and PH domains 2 (ACAP2), mRNA.
PTPN13	Homo sapiens protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-assoc

LOC40075	Homo sapiens similar to Interferon-induced guanylate-binding protein 1 (GTP-binding protei
HPS5	Homo sapiens Hermansky-Pudlak syndrome 5 (HPS5), transcript variant 2, mRNA.
LOC28393	Homo sapiens hypothetical protein LOC283932 (LOC283932), mRNA.
BPGM	Homo sapiens 2,3-bisphosphoglycerate mutase (BPGM), transcript variant 1, mRNA.
TP53I3	Homo sapiens tumor protein p53 inducible protein 3 (TP53I3), transcript variant 2, mRNA.
SLC35A3	Homo sapiens solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter)
LOC38938	PREDICTED: Homo sapiens misc_RNA (LOC389386), partial miscRNA.
	AGENCOURT_7914287 NIH_MGC_71 Homo sapiens cDNA clone IMAGE:6156595 5, mRNA s
PSME3	Homo sapiens proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) (PSI
M6PRBP1	Homo sapiens mannose-6-phosphate receptor binding protein 1 (M6PRBP1), mRNA.
SERP1	Homo sapiens stress-associated endoplasmic reticulum protein 1 (SERP1), mRNA.
C17orf42	Homo sapiens chromosome 17 open reading frame 42 (C17orf42), mRNA.
C14orf129	Homo sapiens chromosome 14 open reading frame 129 (C14orf129), mRNA.
PLEKHA7	Homo sapiens pleckstrin homology domain containing, family A member 7 (PLEKHA7), mRN
DENND4C	Homo sapiens DENN/MADD domain containing 4C (DENND4C), mRNA.
TMEM144	Homo sapiens transmembrane protein 144 (TMEM144), mRNA.
SHROOM3	Homo sapiens shroom family member 3 (SHROOM3), mRNA.
EPB41L3	Homo sapiens erythrocyte membrane protein band 4.1-like 3 (EPB41L3), mRNA.
COMMD1	Homo sapiens copper metabolism (Murr1) domain containing 1 (COMMD1), mRNA.
SLC38A9	Homo sapiens solute carrier family 38, member 9 (SLC38A9), mRNA.
C9orf164	Homo sapiens chromosome 9 open reading frame 164 (C9orf164), mRNA.
WDR61	Homo sapiens WD repeat domain 61 (WDR61), mRNA.
COMMD9	Homo sapiens COMM domain containing 9 (COMMD9), mRNA.
DHRS1	Homo sapiens dehydrogenase/reductase (SDR family) member 1 (DHRS1), mRNA.
EEF1B2	Homo sapiens eukaryotic translation elongation factor 1 beta 2 (EEF1B2), transcript variant
MOCS2	Homo sapiens molybdenum cofactor synthesis 2 (MOCS2), transcript variant 1, mRNA.
FAM10A7	Homo sapiens family with sequence similarity 10, member A7 (pseudogene) (FAM10A7), no
INTS10	Homo sapiens integrator complex subunit 10 (INTS10), mRNA.
C16orf33	Homo sapiens chromosome 16 open reading frame 33 (C16orf33), mRNA.
LOC38938	PREDICTED: Homo sapiens misc_RNA (LOC389386), partial miscRNA.
LZTFL1	Homo sapiens leucine zipper transcription factor-like 1 (LZTFL1), mRNA.
NSF	Homo sapiens N-ethylmaleimide-sensitive factor (NSF), mRNA.
ARPC4	Homo sapiens actin related protein 2/3 complex, subunit 4, 20kDa (ARPC4), transcript varia
EXOC4	Homo sapiens exocyst complex component 4 (EXOC4), transcript variant 1, mRNA.
RP11-529I1	Homo sapiens deleted in a mouse model of primary ciliary dyskinesia (RP11-529I10.4), mRN
PGAP3	Homo sapiens post-GPI attachment to proteins 3 (PGAP3), mRNA.
IQCK	Homo sapiens IQ motif containing K (IQCK), mRNA.
SLC31A2	Homo sapiens solute carrier family 31 (copper transporters), member 2 (SLC31A2), mRNA.
SPG21	Homo sapiens spastic paraplegia 21 (autosomal recessive, Mast syndrome) (SPG21), transcr
PSME3	Homo sapiens proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) (PSI
STX12	Homo sapiens syntaxin 12 (STX12), mRNA.
RNF5P1	PREDICTED: Homo sapiens ring finger protein 5 pseudogene 1 (RNF5P1), misc RNA.
BTF3L4	Homo sapiens basic transcription factor 3-like 4 (BTF3L4), mRNA.
ETNK1	Homo sapiens ethanolamine kinase 1 (ETNK1), transcript variant 2, mRNA.
RALGAPA2	Homo sapiens Ral GTPase activating protein, alpha subunit 2 (catalytic) (RALGAPA2), mRNA.
KRT2	Homo sapiens keratin 2 (KRT2), mRNA.
SCFD1	Homo sapiens sec1 family domain containing 1 (SCFD1), transcript variant 1, mRNA.

GCNT1	Homo sapiens glucosaminyl (N-acetyl) transferase 1, core 2 (beta-1,6-N-acetylglucosaminylt
C9orf116	Homo sapiens chromosome 9 open reading frame 116 (C9orf116), transcript variant 2, mRN
GLIPR1	Homo sapiens GLI pathogenesis-related 1 (GLIPR1), mRNA.
ARMCX6	Homo sapiens armadillo repeat containing, X-linked 6 (ARMCX6), transcript variant 1, mRNA
TMEM126E	Homo sapiens transmembrane protein 126B (TMEM126B), mRNA.
CMPK2	Homo sapiens cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial (CMPK2), nucle
PIPSL	Homo sapiens PIP5K1A and PSMD4-like (PIPSL), non-coding RNA.
TAF9	Homo sapiens TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 3
MIR635	Homo sapiens microRNA 635 (MIR635), microRNA.
RPL36	Homo sapiens ribosomal protein L36 (RPL36), transcript variant 2, mRNA.
SELT	Homo sapiens selenoprotein T (SELT), mRNA.
CLIP4	Homo sapiens CAP-GLY domain containing linker protein family, member 4 (CLIP4), mRNA.
TRIM16	Homo sapiens tripartite motif-containing 16 (TRIM16), mRNA.
	Homo sapiens mRNA; cDNA DKFZp762M127 (from clone DKFZp762M127)
TDO2	Homo sapiens tryptophan 2,3-dioxygenase (TDO2), mRNA.
A4GALT	Homo sapiens alpha 1,4-galactosyltransferase (A4GALT), mRNA.
BTF3L4	Homo sapiens basic transcription factor 3-like 4 (BTF3L4), mRNA.
EXOC7	Homo sapiens exocyst complex component 7 (EXOC7), transcript variant 1, mRNA.
VDAC3	Homo sapiens voltage-dependent anion channel 3 (VDAC3), mRNA.
MRPL20	Homo sapiens mitochondrial ribosomal protein L20 (MRPL20), nuclear gene encoding mitoc
FNTA	Homo sapiens farnesyltransferase, CAAX box, alpha (FNTA), transcript variant 3, mRNA.
TP53RK	Homo sapiens TP53 regulating kinase (TP53RK), mRNA.
NAT1	PREDICTED: Homo sapiens N-acetyltransferase 1 (arylamine N-acetyltransferase) (NAT1), m
DYNC2LI1	Homo sapiens dynein, cytoplasmic 2, light intermediate chain 1 (DYNC2LI1), transcript varia
C10orf61	Homo sapiens chromosome 10 open reading frame 61 (C10orf61), transcript variant 1, mRN
NTS	Homo sapiens neurotensin (NTS), mRNA.
TAF7	Homo sapiens TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 5
COPE	Homo sapiens coatomer protein complex, subunit epsilon (COPE), transcript variant 3, mRN
MRPL45	Homo sapiens mitochondrial ribosomal protein L45 (MRPL45), nuclear gene encoding mitoc
BRPF3	Homo sapiens bromodomain and PHD finger containing, 3 (BRPF3), mRNA.
C7orf28A	Homo sapiens chromosome 7 open reading frame 28A (C7orf28A), mRNA.
PDK4	Homo sapiens pyruvate dehydrogenase kinase, isozyme 4 (PDK4), mRNA.
FBXO33	Homo sapiens F-box protein 33 (FBXO33), mRNA.
LOC728532	PREDICTED: Homo sapiens misc_RNA (LOC728532), miscRNA.
METTL13	Homo sapiens methyltransferase like 13 (METTL13), transcript variant 1, mRNA.
MYH14	Homo sapiens myosin, heavy chain 14, non-muscle (MYH14), transcript variant 1, mRNA.
PTPRR	Homo sapiens protein tyrosine phosphatase, receptor type, R (PTPRR), transcript variant 1,
LYPLA2	Homo sapiens lysophospholipase II (LYPLA2), mRNA.
SERF2	Homo sapiens small EDRK-rich factor 2 (SERF2), mRNA.
ENPP4	Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function) (E
PHF11	Homo sapiens PHD finger protein 11 (PHF11), transcript variant 1, mRNA.
LOC100130	PREDICTED: Homo sapiens similar to coiled-coil domain containing 25 (LOC100130263), mR
TSR1	Homo sapiens TSR1, 20S rRNA accumulation, homolog (S. cerevisiae) (TSR1), mRNA.
AP1S1	Homo sapiens adaptor-related protein complex 1, sigma 1 subunit (AP1S1), transcript variar
MGLL	Homo sapiens monoglyceride lipase (MGLL), transcript variant 1, mRNA.
WDR7	Homo sapiens WD repeat domain 7 (WDR7), transcript variant 1, mRNA.
IL12A	Homo sapiens interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte

B3GALT5	Homo sapiens UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5 (B3GALT5
PDCD2	Homo sapiens programmed cell death 2 (PDCD2), transcript variant 2, mRNA.
FOXD1	Homo sapiens forkhead box D1 (FOXD1), mRNA.
PLS1	Homo sapiens plastin 1 (I isoform) (PLS1), mRNA.
MAN2B2	Homo sapiens mannosidase, alpha, class 2B, member 2 (MAN2B2), mRNA.
IQCG	Homo sapiens IQ motif containing G (IQCG), mRNA.
GAS8	Homo sapiens growth arrest-specific 8 (GAS8), mRNA.
MIOS	Homo sapiens missing oocyte, meiosis regulator, homolog (Drosophila) (MIOS), mRNA.
GNPTAB	Homo sapiens N-acetylglucosamine-1-phosphate transferase, alpha and beta subunits (GNP
CTNNBIP1	Homo sapiens catenin, beta interacting protein 1 (CTNNBIP1), transcript variant 1, mRNA.
HSPA4	Homo sapiens heat shock 70kDa protein 4 (HSPA4), mRNA.
MRPL20	Homo sapiens mitochondrial ribosomal protein L20 (MRPL20), nuclear gene encoding mitoc
C7orf28B	PREDICTED: Homo sapiens chromosome 7 open reading frame 28B (C7orf28B), mRNA.
EMR2	Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 2 (EMR2), tran
VIPR1	Homo sapiens vasoactive intestinal peptide receptor 1 (VIPR1), mRNA.
TLCD1	Homo sapiens TLC domain containing 1 (TLCD1), mRNA.
TMEM125	Homo sapiens transmembrane protein 125 (TMEM125), mRNA.
HPS5	Homo sapiens Hermansky-Pudlak syndrome 5 (HPS5), transcript variant 2, mRNA.
GPRC5A	Homo sapiens G protein-coupled receptor, family C, group 5, member A (GPRC5A), mRNA.
SP100	Homo sapiens SP100 nuclear antigen (SP100), transcript variant 2, mRNA.
IQCK	Homo sapiens IQ motif containing K (IQCK), mRNA.
PSMD10	Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 10 (PSMD10), tı
FNDC3A	Homo sapiens fibronectin type III domain containing 3A (FNDC3A), transcript variant 1, mRN
LETM2	Homo sapiens leucine zipper-EF-hand containing transmembrane protein 2 (LETM2), mRNA.
PEX7	Homo sapiens peroxisomal biogenesis factor 7 (PEX7), mRNA.
IFIT5	Homo sapiens interferon-induced protein with tetratricopeptide repeats 5 (IFIT5), mRNA.
FLJ20718	Homo sapiens hypothetical protein FLJ20718 (FLJ20718), transcript variant 1, mRNA.
ERAP2	Homo sapiens endoplasmic reticulum aminopeptidase 2 (ERAP2), mRNA.
TRIP4	Homo sapiens thyroid hormone receptor interactor 4 (TRIP4), mRNA.
FARS2	Homo sapiens phenylalanyl-tRNA synthetase 2, mitochondrial (FARS2), nuclear gene encodi
EXOC6	Homo sapiens exocyst complex component 6 (EXOC6), transcript variant 1, mRNA.
HSPBP1	Homo sapiens hsp70-interacting protein (HSPBP1), mRNA.
LOC440498	PREDICTED: Homo sapiens hypothetical gene supported by AK001829 (LOC440498), mRNA.
TTC8	Homo sapiens tetratricopeptide repeat domain 8 (TTC8), transcript variant 1, mRNA.
FNTA	Homo sapiens farnesyltransferase, CAAX box, alpha (FNTA), transcript variant 1, mRNA.
LOC644214	PREDICTED: Homo sapiens misc_RNA (LOC644214), miscRNA.
MAP3K13	Homo sapiens mitogen-activated protein kinase kinase kinase 13 (MAP3K13), mRNA.
SNHG7	Homo sapiens small nucleolar RNA host gene 7 (non-protein coding) (SNHG7), transcript var
TWF1	Homo sapiens twinfilin, actin-binding protein, homolog 1 (Drosophila) (TWF1), mRNA.
C12orf43	Homo sapiens chromosome 12 open reading frame 43 (C12orf43), mRNA.
HNRNPH2	Homo sapiens heterogeneous nuclear ribonucleoprotein H2 (H') (HNRNPH2), transcript varia
BTN3A1	Homo sapiens butyrophilin, subfamily 3, member A1 (BTN3A1), mRNA.
PI4K2B	Homo sapiens phosphatidylinositol 4-kinase type 2 beta (PI4K2B), mRNA.
MAT2B	Homo sapiens methionine adenosyltransferase II, beta (MAT2B), transcript variant 1, mRNA
TMC4	Homo sapiens transmembrane channel-like 4 (TMC4), mRNA.
ST7	Homo sapiens suppression of tumorigenicity 7 (ST7), transcript variant a, mRNA.
RNF8	Homo sapiens ring finger protein 8 (RNF8), transcript variant 1, mRNA.

CCNC	Homo sapiens cyclin C (CCNC), transcript variant 2, mRNA.
AP3D1	Homo sapiens adaptor-related protein complex 3, delta 1 subunit (AP3D1), transcript varian
STAG3L1	Homo sapiens stromal antigen 3-like 1 (STAG3L1), transcript variant 1, mRNA.
ATP6V1C2	Homo sapiens ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C2 (ATP6V1C2), transc
ALG14	Homo sapiens asparagine-linked glycosylation 14 homolog (S. cerevisiae) (ALG14), mRNA.
ZNF533	Homo sapiens zinc finger protein 533 (ZNF533), mRNA.
IPO8	Homo sapiens importin 8 (IPO8), mRNA.
ZNF45	Homo sapiens zinc finger protein 45 (ZNF45), mRNA.
LOC64642	PREDICTED: Homo sapiens hypothetical LOC646424 (LOC646424), mRNA.
BCMO1	Homo sapiens beta-carotene 15,15'-monooxygenase 1 (BCMO1), mRNA.
ABHD12	Homo sapiens abhydrolase domain containing 12 (ABHD12), transcript variant 2, mRNA.
FAM119A	Homo sapiens family with sequence similarity 119, member A (FAM119A), transcript variant
KIAA0319L	Homo sapiens KIAA0319-like (KIAA0319L), transcript variant 1, mRNA.
NOL11	Homo sapiens nucleolar protein 11 (NOL11), mRNA.
CCDC97	Homo sapiens coiled-coil domain containing 97 (CCDC97), mRNA.
C7orf36	Homo sapiens chromosome 7 open reading frame 36 (C7orf36), mRNA.
CCDC58	Homo sapiens coiled-coil domain containing 58 (CCDC58), mRNA.
APCDD1	Homo sapiens adenomatosis polyposis coli down-regulated 1 (APCDD1), mRNA.
TSSC1	Homo sapiens tumor suppressing subtransferable candidate 1 (TSSC1), mRNA.
LOC64431(	PREDICTED: Homo sapiens similar to ubiquinol-cytochrome c reductase complex (LOC64431
CNIH	Homo sapiens cornichon homolog (Drosophila) (CNIH), mRNA.
FAM119A	Homo sapiens family with sequence similarity 119, member A (FAM119A), transcript variant
TGFB3	Homo sapiens transforming growth factor, beta 3 (TGFB3), mRNA.
DHDDS	Homo sapiens dehydrodolichyl diphosphate synthase (DHDDS), transcript variant 1, mRNA.
ProSAPiP1	Homo sapiens ProSAPiP1 protein (ProSAPiP1), mRNA.
PNPT1	Homo sapiens polyribonucleotide nucleotidyltransferase 1 (PNPT1), mRNA.
LOC100131	PREDICTED: Homo sapiens hypothetical protein LOC100131225 (LOC100131225), mRNA.
LOC440731	PREDICTED: Homo sapiens hypothetical LOC440731, transcript variant 2 (LOC440731), mRN
STYK1	Homo sapiens serine/threonine/tyrosine kinase 1 (STYK1), mRNA.
BCKDHB	Homo sapiens branched chain keto acid dehydrogenase E1, beta polypeptide (maple syrup u
RAB4A	Homo sapiens RAB4A, member RAS oncogene family (RAB4A), mRNA.
DPP3	Homo sapiens dipeptidyl-peptidase 3 (DPP3), transcript variant 1, mRNA.
LIAS	Homo sapiens lipoic acid synthetase (LIAS), nuclear gene encoding mitochondrial protein, tr
ST3GAL4	Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 4 (ST3GAL4), mRNA.
ARC	Homo sapiens activity-regulated cytoskeleton-associated protein (ARC), mRNA.
HDAC4	Homo sapiens histone deacetylase 4 (HDAC4), mRNA.
NUDT15	Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 15 (NUDT15), mRI
HDHD1A	Homo sapiens haloacid dehalogenase-like hydrolase domain containing 1A (HDHD1A), mRN
DOK4	Homo sapiens docking protein 4 (DOK4), mRNA.
ZNF28	Homo sapiens zinc finger protein 28 (ZNF28), mRNA.
C15orf57	Homo sapiens chromosome 15 open reading frame 57 (C15orf57), transcript variant 2, mRN
LOC730273	PREDICTED: Homo sapiens hypothetical protein LOC730273 (LOC730273), mRNA.
IL18R1	Homo sapiens interleukin 18 receptor 1 (IL18R1), mRNA.
VPS54	Homo sapiens vacuolar protein sorting 54 homolog (S. cerevisiae) (VPS54), transcript varian
CAPN3	Homo sapiens calpain 3, (p94) (CAPN3), transcript variant 2, mRNA.
LOC645969	PREDICTED: Homo sapiens misc_RNA (LOC645969), miscRNA.
DBNDD1	Homo sapiens dysbindin (dystrobrevin binding protein 1) domain containing 1 (DBNDD1), tr

	AV735490 CB Homo sapiens cDNA clone CBFBDD05 5, mRNA sequence
TCP1	Homo sapiens t-complex 1 (TCP1), transcript variant 1, mRNA.
C9orf116	Homo sapiens chromosome 9 open reading frame 116 (C9orf116), transcript variant 2, mRN
GPAM	Homo sapiens glycerol-3-phosphate acyltransferase, mitochondrial (GPAM), nuclear gene en
CDC5L	Homo sapiens CDC5 cell division cycle 5-like (S. pombe) (CDC5L), mRNA.
ZC3H14	Homo sapiens zinc finger CCCH-type containing 14 (ZC3H14), transcript variant 1, mRNA.
GLCCI1	Homo sapiens glucocorticoid induced transcript 1 (GLCCI1), mRNA.
LOC728554	PREDICTED: Homo sapiens similar to THO complex 3 (LOC728554), mRNA.
UBE2CBP	Homo sapiens ubiquitin-conjugating enzyme E2C binding protein (UBE2CBP), mRNA.
FAM71E1	Homo sapiens family with sequence similarity 71, member E1 (FAM71E1), mRNA.
CCNC	Homo sapiens cyclin C (CCNC), transcript variant 1, mRNA.
NIP30	Homo sapiens NEFA-interacting nuclear protein NIP30 (NIP30), mRNA.
SERPINI1	Homo sapiens serpin peptidase inhibitor, clade I (neuroserpin), member 1 (SERPINI1), mRNA
NEK11	Homo sapiens NIMA (never in mitosis gene a)- related kinase 11 (NEK11), transcript variant
UGT1A6	Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A6 (UGT1A6), transcript va
S100A13	Homo sapiens S100 calcium binding protein A13 (S100A13), transcript variant 4, mRNA.
ZNF134	Homo sapiens zinc finger protein 134 (ZNF134), mRNA.
AP1B1	Homo sapiens adaptor-related protein complex 1, beta 1 subunit (AP1B1), transcript variant
PITPNA	Homo sapiens phosphatidylinositol transfer protein, alpha (PITPNA), mRNA.
ANKRD56	Homo sapiens ankyrin repeat domain 56 (ANKRD56), mRNA.
EPB49	Homo sapiens erythrocyte membrane protein band 4.9 (dematin) (EPB49), mRNA.
FAM178B	Homo sapiens family with sequence similarity 178, member B (FAM178B), transcript variant
LOC389816	Homo sapiens cytokeratin associated protein (LOC389816), mRNA.
MGAT3	Homo sapiens mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase
	UI-H-BW0-aja-f-08-0-UI.s1 NCI_CGAP_Sub6 Homo sapiens cDNA clone IMAGE:2731166 3, m
SLC1A4	Homo sapiens solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
PALM2	Homo sapiens paralemmin 2 (PALM2), transcript variant 2, mRNA.
SUGT1L1	Homo sapiens SGT1, suppressor of G2 allele of SKP1 like 1 (S. cerevisiae) (SUGT1L1), non-co
ATXN2L	PREDICTED: Homo sapiens ataxin 2-like, transcript variant 1 (ATXN2L), mRNA.
RTN4R	Homo sapiens reticulon 4 receptor (RTN4R), mRNA.
A3GALT2	Homo sapiens alpha 1,3-galactosyltransferase 2 (A3GALT2), mRNA.
LOC730202	PREDICTED: Homo sapiens hypothetical protein LOC730202 (LOC730202), miscRNA.
CORO7	Homo sapiens coronin 7 (CORO7), mRNA.
TBC1D16	Homo sapiens TBC1 domain family, member 16 (TBC1D16), mRNA.
C16orf79	Homo sapiens chromosome 16 open reading frame 79 (C16orf79), mRNA.
N4BP2	Homo sapiens Nedd4 binding protein 2 (N4BP2), mRNA.
LOC645430	PREDICTED: Homo sapiens misc_RNA (LOC645430), miscRNA.
LOC641298	PREDICTED: Homo sapiens misc_RNA (LOC641298), miscRNA.
RBM12	Homo sapiens RNA binding motif protein 12 (RBM12), transcript variant 1, mRNA.
ARSA	Homo sapiens arylsulfatase A (ARSA), mRNA.
LOC728729	PREDICTED: Homo sapiens misc_RNA (LOC728729), miscRNA.
CPXM1	Homo sapiens carboxypeptidase X (M14 family), member 1 (CPXM1), mRNA.
DNAJB5	Homo sapiens DnaJ (Hsp40) homolog, subfamily B, member 5 (DNAJB5), mRNA.
FLJ40113	Homo sapiens golgi autoantigen, golgin subfamily a-like pseudogene (FLJ40113) on chromos
SLC29A4	Homo sapiens solute carrier family 29 (nucleoside transporters), member 4 (SLC29A4), mRN
ANAPC1	Homo sapiens anaphase promoting complex subunit 1 (ANAPC1), mRNA.
LOC731751	PREDICTED: Homo sapiens similar to protein kinase, DNA-activated, catalytic polypeptide (L

LOC65435(	PREDICTED: Homo sapiens hypothetical LOC654350 (LOC654350), mRNA.
RNU105A	Homo sapiens RNA, U105A small nucleolar (RNU105A), small nucleolar RNA.
TJAP1	Homo sapiens tight junction associated protein 1 (peripheral) (TJAP1), mRNA.
SOCS2	Homo sapiens suppressor of cytokine signaling 2 (SOCS2), mRNA.
KCNK6	Homo sapiens potassium channel, subfamily K, member 6 (KCNK6), mRNA.
LOC72920(	PREDICTED: Homo sapiens misc_RNA (LOC729200), miscRNA.
C17orf37	Homo sapiens chromosome 17 open reading frame 37 (C17orf37), mRNA.
LOC730993	PREDICTED: Homo sapiens misc_RNA (LOC730993), miscRNA.
RNU5A	Homo sapiens RNA, U5A small nuclear (RNU5A), small nuclear RNA.
MB	Homo sapiens myoglobin (MB), transcript variant 1, mRNA.
ZNF773	Homo sapiens zinc finger protein 773 (ZNF773), mRNA.
GSDMB	Homo sapiens gasdermin B (GSDMB), transcript variant 2, mRNA.
PRKX	Homo sapiens protein kinase, X-linked (PRKX), mRNA.
UST	Homo sapiens uronyl-2-sulfotransferase (UST), mRNA.
TRMT12	Homo sapiens tRNA methyltransferase 12 homolog (S. cerevisiae) (TRMT12), mRNA.
ATXN1	Homo sapiens ataxin 1 (ATXN1), mRNA.
UBR5	Homo sapiens ubiquitin protein ligase E3 component n-recognin 5 (UBR5), mRNA.
PABPC1L	PREDICTED: Homo sapiens poly(A) binding protein, cytoplasmic 1-like (PABPC1L), mRNA.
FAM164A	Homo sapiens family with sequence similarity 164, member A (FAM164A), mRNA.
PKD1	Homo sapiens polycystic kidney disease 1 (autosomal dominant) (PKD1), transcript variant 1
SH3PXD2B	Homo sapiens SH3 and PX domains 2B (SH3PXD2B), mRNA.
ELF4	Homo sapiens E74-like factor 4 (ets domain transcription factor) (ELF4), mRNA.
PILRA	Homo sapiens paired immunoglobin-like type 2 receptor alpha (PILRA), transcript variant 2,
SLC36A4	Homo sapiens solute carrier family 36 (proton/amino acid symporter), member 4 (SLC36A4)
PPFIBP1	Homo sapiens PTPRF interacting protein, binding protein 1 (liprin beta 1) (PPFIBP1), transcri
NUP62CL	Homo sapiens nucleoporin 62kDa C-terminal like (NUP62CL), mRNA.
KIF1B	Homo sapiens kinesin family member 1B (KIF1B), transcript variant 1, mRNA.
NPIP	Homo sapiens nuclear pore complex interacting protein (NPIP), mRNA.
HJURP	Homo sapiens Holliday junction recognition protein (HJURP), mRNA.
MCM4	Homo sapiens minichromosome maintenance complex component 4 (MCM4), transcript va
MN1	Homo sapiens meningioma (disrupted in balanced translocation) 1 (MN1), mRNA.
ADSSL1	Homo sapiens adenylosuccinate synthase like 1 (ADSSL1), transcript variant 2, mRNA.
	wi12b07.x1 NCI_CGAP_Co16 Homo sapiens cDNA clone IMAGE:2390005 3, mRNA sequence
SEMA4F	Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) an
TUBG2	Homo sapiens tubulin, gamma 2 (TUBG2), mRNA.
KLF11	PREDICTED: Homo sapiens Kruppel-like factor 11 (KLF11), mRNA.
RAPH1	Homo sapiens Ras association (RalGDS/AF-6) and pleckstrin homology domains 1 (RAPH1), t
RNY3	Homo sapiens RNA, Ro-associated Y3 (RNY3), small cytoplasmic RNA.
CDK2AP2	Homo sapiens cyclin-dependent kinase 2 associated protein 2 (CDK2AP2), mRNA.
RFC4	Homo sapiens replication factor C (activator 1) 4, 37kDa (RFC4), transcript variant 2, mRNA.
MAP2	Homo sapiens microtubule-associated protein 2 (MAP2), transcript variant 1, mRNA.
ECM2	Homo sapiens extracellular matrix protein 2, female organ and adipocyte specific (ECM2), m
LOC64809(	PREDICTED: Homo sapiens similar to positive cofactor 2, glutamine/Q-rich-associated protei
LOC38827(	PREDICTED: Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-de
FOXO1	Homo sapiens forkhead box O1 (FOXO1), mRNA.
	AGENCOURT_6411402 NIH_MGC_71 Homo sapiens cDNA clone IMAGE:5530423 5, mRNA s
DVL2	Homo sapiens dishevelled, dsh homolog 2 (Drosophila) (DVL2), mRNA.

SNX16	Homo sapiens sorting nexin 16 (SNX16), transcript variant 1, mRNA.
	Homo sapiens cDNA FLJ11494 fis, clone HEMBA1001942
APPL2	Homo sapiens adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper
FAHD2A	Homo sapiens fumarylacetoacetate hydrolase domain containing 2A (FAHD2A), mRNA.
VAV2	Homo sapiens vav 2 guanine nucleotide exchange factor (VAV2), mRNA.
LOC64182	PREDICTED: Homo sapiens hypothetical protein LOC641825 (LOC641825), mRNA.
WDYHV1	Homo sapiens WDYHV motif containing 1 (WDYHV1), mRNA.
6-Mar	Homo sapiens membrane-associated ring finger (C3HC4) 6 (MARCH6), mRNA.
POLS	Homo sapiens polymerase (DNA directed) sigma (POLS), mRNA.
RNU4ATAC	Homo sapiens RNA, U4atac small nuclear (U12-dependent splicing) (RNU4ATAC), small nucle
	AGENCOURT_14354957 NIH_MGC_191 Homo sapiens cDNA clone IMAGE:30413554 5, mRN
PTGR1	Homo sapiens prostaglandin reductase 1 (PTGR1), mRNA.
RPA3	Homo sapiens replication protein A3, 14kDa (RPA3), mRNA.
IFRD1	Homo sapiens interferon-related developmental regulator 1 (IFRD1), transcript variant 1, mI
PHKA2	Homo sapiens phosphorylase kinase, alpha 2 (liver) (PHKA2), mRNA.
	Homo sapiens primary neuroblastoma cDNA, clone:Nbla10527, full insert sequence
ETV4	Homo sapiens ets variant 4 (ETV4), transcript variant 1, mRNA.
AIP	Homo sapiens aryl hydrocarbon receptor interacting protein (AIP), mRNA.
C9orf130	PREDICTED: Homo sapiens chromosome 9 open reading frame 130 (C9orf130), mRNA.
	UI-H-BI4-aou-g-01-0-UI.s1 NCI_CGAP_Sub8 Homo sapiens cDNA clone IMAGE:3086376 3, m
TTYH3	Homo sapiens tweety homolog 3 (Drosophila) (TTYH3), mRNA.
PRKDC	Homo sapiens protein kinase, DNA-activated, catalytic polypeptide (PRKDC), transcript varia
TM7SF3	Homo sapiens transmembrane 7 superfamily member 3 (TM7SF3), mRNA.
BZW2	Homo sapiens basic leucine zipper and W2 domains 2 (BZW2), mRNA.
RGS12	Homo sapiens regulator of G-protein signaling 12 (RGS12), transcript variant 2, mRNA.
MLL5	Homo sapiens myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophi
PDXP	Homo sapiens pyridoxal (pyridoxine, vitamin B6) phosphatase (PDXP), mRNA.
DPY19L1	Homo sapiens dpy-19-like 1 (C. elegans) (DPY19L1), mRNA.
RRS1	Homo sapiens RRS1 ribosome biogenesis regulator homolog (S. cerevisiae) (RRS1), mRNA.
	FNPANH10 FNP Homo sapiens cDNA, mRNA sequence
RBM3	Homo sapiens RNA binding motif (RNP1, RRM) protein 3 (RBM3), transcript variant 2, mRNA
LOC72921	PREDICTED: Homo sapiens misc_RNA (LOC729217), miscRNA.
SLC37A4	Homo sapiens solute carrier family 37 (glucose-6-phosphate transporter), member 4 (SLC37
DRAP1	Homo sapiens DR1-associated protein 1 (negative cofactor 2 alpha) (DRAP1), mRNA.
LOC64678	PREDICTED: Homo sapiens misc_RNA (LOC646784), miscRNA.
LOC64713	PREDICTED: Homo sapiens similar to SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (F
AHNAK	Homo sapiens AHNAK nucleoprotein (AHNAK), transcript variant 1, mRNA.
RAPGEF5	Homo sapiens Rap guanine nucleotide exchange factor (GEF) 5 (RAPGEF5), mRNA.
DENND4B	Homo sapiens DENN/MADD domain containing 4B (DENND4B), mRNA.
NUDT1	Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 1 (NUDT1), transc
SAMD1	Homo sapiens sterile alpha motif domain containing 1 (SAMD1), mRNA.
SMC3	Homo sapiens structural maintenance of chromosomes 3 (SMC3), mRNA.
CAPN12	Homo sapiens calpain 12 (CAPN12), mRNA.
TP73L	Homo sapiens tumor protein p73-like (TP73L), mRNA.
GPR125	PREDICTED: Homo sapiens G protein-coupled receptor 125, transcript variant 4 (GPR125), m
PAWR	Homo sapiens PRKC, apoptosis, WT1, regulator (PAWR), mRNA.
CDCA3	Homo sapiens cell division cycle associated 3 (CDCA3), mRNA.

HMGB2	Homo sapiens high-mobility group box 2 (HMGB2), mRNA.
GIT1	Homo sapiens G protein-coupled receptor kinase interacting ArfGAP 1 (GIT1), transcript vari
LOC64680	PREDICTED: Homo sapiens misc_RNA (LOC646808), miscRNA.
LMOD3	Homo sapiens leiomodin 3 (fetal) (LMOD3), mRNA.
ZNF22	Homo sapiens zinc finger protein 22 (KOX 15) (ZNF22), mRNA.
SLC25A36	Homo sapiens solute carrier family 25, member 36 (SLC25A36), mRNA.
ATP2A2	Homo sapiens ATPase, Ca++ transporting, cardiac muscle, slow twitch 2 (ATP2A2), transcript
ELK3	Homo sapiens ELK3, ETS-domain protein (SRF accessory protein 2) (ELK3), mRNA.
SREBF1	Homo sapiens sterol regulatory element binding transcription factor 1 (SREBF1), transcript v
HNRPH3	Homo sapiens heterogeneous nuclear ribonucleoprotein H3 (2H9) (HNRPH3), transcript vari
LOC64377	PREDICTED: Homo sapiens misc_RNA (LOC643779), miscRNA.
TMEM137	PREDICTED: Homo sapiens transmembrane protein 137 (TMEM137), misc RNA.
CSF3	Homo sapiens colony stimulating factor 3 (granulocyte) (CSF3), transcript variant 1, mRNA.
SPC24	Homo sapiens SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae) (SPC
EFNA1	Homo sapiens ephrin-A1 (EFNA1), transcript variant 1, mRNA.
CYCSL1	Homo sapiens cytochrome c, somatic-like 1 (CYCSL1) on chromosome 6.
RAXL1	Homo sapiens retina and anterior neural fold homeobox like 1 (RAXL1), mRNA.
C20orf117	Homo sapiens chromosome 20 open reading frame 117 (C20orf117), transcript variant 2, m
PCNA	Homo sapiens proliferating cell nuclear antigen (PCNA), transcript variant 2, mRNA.
PKIA	Homo sapiens protein kinase (cAMP-dependent, catalytic) inhibitor alpha (PKIA), transcript v
MAP2	Homo sapiens microtubule-associated protein 2 (MAP2), transcript variant 2, mRNA.
UBE2D3	Homo sapiens ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast) (UBE2D3), tran
	te46f04.x1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:2089759 3, mRNA seque
EIF2AK4	Homo sapiens eukaryotic translation initiation factor 2 alpha kinase 4 (EIF2AK4), mRNA.
GDI1	Homo sapiens GDP dissociation inhibitor 1 (GDI1), mRNA.
IL4R	Homo sapiens interleukin 4 receptor (IL4R), transcript variant 1, mRNA.
LOC64646	PREDICTED: Homo sapiens similar to Ubiquitin-conjugating enzyme E2 H (Ubiquitin-protein l
LOC73178	PREDICTED: Homo sapiens similar to amyloid beta (A4) precursor protein-binding, family B,
PLA2G2D	Homo sapiens phospholipase A2, group IID (PLA2G2D), mRNA.
HNRNPA2B	Homo sapiens heterogeneous nuclear ribonucleoprotein A2/B1 (HNRNPA2B1), transcript va
RBM12B	Homo sapiens RNA binding motif protein 12B (RBM12B), mRNA.
LOC64875	PREDICTED: Homo sapiens hypothetical protein LOC648757, transcript variant 2 (LOC64875
STX4	Homo sapiens syntaxin 4 (STX4), mRNA.
MTERFD1	Homo sapiens MTERF domain containing 1 (MTERFD1), mRNA.
	Homo sapiens cDNA FLJ44370 fis, clone TRACH3008902
LOC72831	PREDICTED: Homo sapiens similar to FLJ36144 protein (LOC728310), mRNA.
GABBR1	Homo sapiens gamma-aminobutyric acid (GABA) B receptor, 1 (GABBR1), transcript variant 4
CCNB1IP1	Homo sapiens cyclin B1 interacting protein 1 (CCNB1IP1), transcript variant 2, mRNA.
SHROOM4	Homo sapiens shroom family member 4 (SHROOM4), mRNA.
USP33	Homo sapiens ubiquitin specific peptidase 33 (USP33), transcript variant 1, mRNA.
ARHGEF19	Homo sapiens Rho guanine nucleotide exchange factor (GEF) 19 (ARHGEF19), mRNA.
LOC44034	PREDICTED: Homo sapiens hypothetical protein LOC440345, transcript variant 6 (LOC44034
HAGH	Homo sapiens hydroxyacylglutathione hydrolase (HAGH), nuclear gene encoding mitochond
C10orf58	Homo sapiens chromosome 10 open reading frame 58 (C10orf58), transcript variant 1, mRN
LOC10012	PREDICTED: Homo sapiens hypothetical protein LOC100129441 (LOC100129441), mRNA.
MCM3	Homo sapiens minichromosome maintenance complex component 3 (MCM3), mRNA.
MAP3K4	Homo sapiens mitogen-activated protein kinase kinase kinase 4 (MAP3K4), transcript varian

FAM89A	Homo sapiens family with sequence similarity 89, member A (FAM89A), mRNA.
REL	Homo sapiens v-rel reticuloendotheliosis viral oncogene homolog (avian) (REL), mRNA.
CBX3	Homo sapiens chromobox homolog 3 (HP1 gamma homolog, Drosophila) (CBX3), transcript
	BX114974 NCI_CGAP_Kid3 Homo sapiens cDNA clone IMAGp998C023886, mRNA sequence
TP63	Homo sapiens tumor protein p63 (TP63), transcript variant 5, mRNA.
LOC64543(	PREDICTED: Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-de
SNAPC1	Homo sapiens small nuclear RNA activating complex, polypeptide 1, 43kDa (SNAPC1), mRNA
NUDT11	Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 11 (NUDT11), mRI
IRX4	Homo sapiens iroquois homeobox 4 (IRX4), mRNA.
SREBF1	Homo sapiens sterol regulatory element binding transcription factor 1 (SREBF1), transcript v
	RST24587 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence
HAPLN3	Homo sapiens hyaluronan and proteoglycan link protein 3 (HAPLN3), mRNA.
NT5C	Homo sapiens 5', 3'-nucleotidase, cytosolic (NT5C), mRNA.
VHL	Homo sapiens von Hippel-Lindau tumor suppressor (VHL), transcript variant 2, mRNA.
LOC65409(	PREDICTED: Homo sapiens similar to Ovarian cancer-related protein 10-2 (OVC10-2) (LOC65
GLE1	Homo sapiens GLE1 RNA export mediator homolog (yeast) (GLE1), transcript variant 1, mRN
RNY4	Homo sapiens RNA, Ro-associated Y4 (RNY4), small cytoplasmic RNA.
PRO1853	Homo sapiens hypothetical protein PRO1853 (PRO1853), transcript variant 1, mRNA.
ZNF786	Homo sapiens zinc finger protein 786 (ZNF786), mRNA.
HES4	Homo sapiens hairy and enhancer of split 4 (Drosophila) (HES4), mRNA.
LOC10019(	Homo sapiens hypothetical LOC100190986 (LOC100190986), non-coding RNA.
CARS	Homo sapiens cysteinyl-tRNA synthetase (CARS), transcript variant 4, mRNA.
MMP28	Homo sapiens matrix metallopeptidase 28 (MMP28), transcript variant 1, mRNA.
MTA1	Homo sapiens metastasis associated 1 (MTA1), mRNA.
MARS	Homo sapiens methionyl-tRNA synthetase (MARS), mRNA.
TNFAIP3	Homo sapiens tumor necrosis factor, alpha-induced protein 3 (TNFAIP3), mRNA.
POLR2J4	Homo sapiens polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa pseudogene (POLI
GALNTL4	Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltrar
NRBP2	Homo sapiens nuclear receptor binding protein 2 (NRBP2), mRNA.
RAD51	Homo sapiens RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae) (RAD51), transcript var
PTK7	Homo sapiens PTK7 protein tyrosine kinase 7 (PTK7), transcript variant PTK7-2, mRNA.
	Homo sapiens cDNA clone IMAGE:5262734
EFHD2	Homo sapiens EF-hand domain family, member D2 (EFHD2), mRNA.
GMNN	Homo sapiens geminin, DNA replication inhibitor (GMNN), mRNA.
ZC3H12C	Homo sapiens zinc finger CCCH-type containing 12C (ZC3H12C), mRNA.
RALGDS	Homo sapiens ral guanine nucleotide dissociation stimulator (RALGDS), transcript variant 1,
IRX2	Homo sapiens iroquois homeobox 2 (IRX2), mRNA.
CEBPG	Homo sapiens CCAAT/enhancer binding protein (C/EBP), gamma (CEBPG), mRNA.
SLC4A5	Homo sapiens solute carrier family 4, sodium bicarbonate cotransporter, member 5 (SLC4A5
ANKRD44	Homo sapiens ankyrin repeat domain 44 (ANKRD44), mRNA.
CDCA4	Homo sapiens cell division cycle associated 4 (CDCA4), transcript variant 14, mRNA.
C1orf24	Homo sapiens chromosome 1 open reading frame 24 (C1orf24), transcript variant 2, mRNA.
FCAR	Homo sapiens Fc fragment of IgA, receptor for (FCAR), transcript variant 9, mRNA.
CDC42BPB	Homo sapiens CDC42 binding protein kinase beta (DMPK-like) (CDC42BPB), mRNA.
OAF	Homo sapiens OAF homolog (Drosophila) (OAF), mRNA.
SPN	Homo sapiens sialophorin (SPN), transcript variant 1, mRNA.
LMO4	Homo sapiens LIM domain only 4 (LMO4), mRNA.

MAD2L2	Homo sapiens MAD2 mitotic arrest deficient-like 2 (yeast) (MAD2L2), mRNA.
IRF6	Homo sapiens interferon regulatory factor 6 (IRF6), mRNA.
TWF2	Homo sapiens twinfilin, actin-binding protein, homolog 2 (Drosophila) (TWF2), mRNA.
PTGR1	Homo sapiens prostaglandin reductase 1 (PTGR1), mRNA.
PHLDA3	Homo sapiens pleckstrin homology-like domain, family A, member 3 (PHLDA3), mRNA.
LOC10013(	PREDICTED: Homo sapiens similar to high-mobility group (nonhistone chromosomal) protein
NEDD9	Homo sapiens neural precursor cell expressed, developmentally down-regulated 9 (NEDD9),
STX16	Homo sapiens syntaxin 16 (STX16), transcript variant 1, mRNA.
TGIF2	Homo sapiens TGFB-induced factor homeobox 2 (TGIF2), mRNA.
LOC10012(	PREDICTED: Homo sapiens similar to hCG2027326 (LOC100129905), mRNA.
CD68	Homo sapiens CD68 molecule (CD68), transcript variant 1, mRNA.
KIFC2	Homo sapiens kinesin family member C2 (KIFC2), mRNA.
NQO2	Homo sapiens NAD(P)H dehydrogenase, quinone 2 (NQO2), mRNA.
ERN1	Homo sapiens endoplasmic reticulum to nucleus signalling 1 (ERN1), transcript variant 2, mR
USP3	Homo sapiens ubiquitin specific peptidase 3 (USP3), mRNA.
EGFR	Homo sapiens epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) onc
MBTD1	Homo sapiens mbt domain containing 1 (MBTD1), mRNA.
LOC10013(	PREDICTED: Homo sapiens hypothetical protein LOC100130892 (LOC100130892), mRNA.
LOC72802(	PREDICTED: Homo sapiens hypothetical LOC728026 (LOC728026), mRNA.
LAYN	Homo sapiens layilin (LAYN), mRNA.
ITGA2	Homo sapiens integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor) (ITGA2), mRNA.
ARL2	Homo sapiens ADP-ribosylation factor-like 2 (ARL2), mRNA.
	Homo sapiens cDNA: FLJ22720 fis, clone HSI14320
TNNT1	Homo sapiens troponin T type 1 (skeletal, slow) (TNNT1), mRNA.
SDK2	Homo sapiens sidekick homolog 2 (chicken) (SDK2), mRNA.
EGR1	Homo sapiens early growth response 1 (EGR1), mRNA.
USP49	Homo sapiens ubiquitin specific peptidase 49 (USP49), mRNA.
ROBO1	Homo sapiens roundabout, axon guidance receptor, homolog 1 (Drosophila) (ROBO1), trans
ERGIC1	Homo sapiens endoplasmic reticulum-golgi intermediate compartment (ERGIC) 1 (ERGIC1), t
LOC72942(	PREDICTED: Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-de
TOP1MT	Homo sapiens topoisomerase (DNA) I, mitochondrial (TOP1MT), nuclear gene encoding mitc
TXNRD1	Homo sapiens thioredoxin reductase 1 (TXNRD1), transcript variant 5, mRNA.
LOC10013(	PREDICTED: Homo sapiens hypothetical protein LOC100134504 (LOC100134504), mRNA.
TMEM16A	Homo sapiens transmembrane protein 16A (TMEM16A), mRNA.
KHNYN	Homo sapiens KH and NYN domain containing (KHNYN), mRNA.
CTSC	Homo sapiens cathepsin C (CTSC), transcript variant 1, mRNA.
TMEM16A	Homo sapiens transmembrane protein 16A (TMEM16A), mRNA.
GDPD1	Homo sapiens glycerophosphodiester phosphodiesterase domain containing 1 (GDPD1), mR
TKT	Homo sapiens transketolase (Wernicke-Korsakoff syndrome) (TKT), mRNA.
CEBPB	Homo sapiens CCAAT/enhancer binding protein (C/EBP), beta (CEBPB), mRNA.
FLRT2	Homo sapiens fibronectin leucine rich transmembrane protein 2 (FLRT2), mRNA.
LOC72910(	PREDICTED: Homo sapiens misc_RNA (LOC729102), miscRNA.
LFNG	Homo sapiens LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase (LFNG), trans
ZCCHC11	Homo sapiens zinc finger, CCHC domain containing 11 (ZCCHC11), transcript variant 3, mRN
LSM2	Homo sapiens LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae) (LSM2), mRN
FAM89B	Homo sapiens family with sequence similarity 89, member B (FAM89B), transcript variant 3,
CELSR2	Homo sapiens cadherin, EGF LAG seven-pass G-type receptor 2 (flamingo homolog, Drosoph

LOC65382	PREDICTED: Homo sapiens similar to Williams Beuren syndrome chromosome region 19, tra
SPIN4	Homo sapiens spindlin family, member 4 (SPIN4), mRNA.
GABBR1	Homo sapiens gamma-aminobutyric acid (GABA) B receptor, 1 (GABBR1), transcript variant
LRP8	Homo sapiens low density lipoprotein receptor-related protein 8, apolipoprotein e receptor
KLHL5	Homo sapiens kelch-like 5 (Drosophila) (KLHL5), transcript variant 3, mRNA.
FYN	Homo sapiens FYN oncogene related to SRC, FGR, YES (FYN), transcript variant 2, mRNA.
PDE7A	Homo sapiens phosphodiesterase 7A (PDE7A), transcript variant 2, mRNA.
DCBLD1	Homo sapiens discoidin, CUB and LCCL domain containing 1 (DCBLD1), mRNA.
SLC6A15	Homo sapiens solute carrier family 6, member 15 (SLC6A15), transcript variant 1, mRNA.
SQLE	Homo sapiens squalene epoxidase (SQLE), mRNA.
ANO1	Homo sapiens anoctamin 1, calcium activated chloride channel (ANO1), transcript variant 1,
	Homo sapiens cDNA: FLJ22140 fis, clone HEP20977
PSCD1	Homo sapiens pleckstrin homology, Sec7 and coiled-coil domains 1(cytohesin 1) (PSCD1), tra
PPFIBP1	Homo sapiens PTPRF interacting protein, binding protein 1 (liprin beta 1) (PPFIBP1), transcri
HNRPA1L-2	Homo sapiens heterogeneous nuclear ribonucleoprotein A1 pseudogene (HNRPA1L-2), non-
PCSK9	Homo sapiens proprotein convertase subtilisin/kexin type 9 (PCSK9), mRNA.
SNRNP70	Homo sapiens small nuclear ribonucleoprotein 70kDa (U1) (SNRNP70), mRNA.
FBL	Homo sapiens fibrillarin (FBL), mRNA.
	Homo sapiens cDNA: FLJ21199 fis, clone COL00235
SAC3D1	Homo sapiens SAC3 domain containing 1 (SAC3D1), mRNA.
MBP	Homo sapiens myelin basic protein (MBP), transcript variant 8, mRNA.
LOC40098	PREDICTED: Homo sapiens protein immuno-reactive with anti-PTH polyclonal antibodies (LC
BTG3	Homo sapiens BTG family, member 3 (BTG3), mRNA.
WDR91	Homo sapiens WD repeat domain 91 (WDR91), mRNA.
C7orf47	Homo sapiens chromosome 7 open reading frame 47 (C7orf47), mRNA.
MYO1B	Homo sapiens myosin IB (MYO1B), mRNA.
JARID2	Homo sapiens jumonji, AT rich interactive domain 2 (JARID2), mRNA.
LOC40030	PREDICTED: Homo sapiens similar to Golgi autoantigen, golgin subfamily A member 2 (Golgi
MDC1	Homo sapiens mediator of DNA damage checkpoint 1 (MDC1), mRNA.
HMGB1L1	Homo sapiens high-mobility group box 1-like 1 (HMGB1L1), mRNA.
ASNS	Homo sapiens asparagine synthetase (ASNS), transcript variant 1, mRNA.
NUDT11	Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 11 (NUDT11), mRI
FLNB	Homo sapiens filamin B, beta (actin binding protein 278) (FLNB), mRNA.
LOC12368	Homo sapiens similar to RIKEN cDNA C630028N24 gene (LOC123688), mRNA.
RTTN	Homo sapiens rotatin (RTTN), mRNA.
CCNB1IP1	Homo sapiens cyclin B1 interacting protein 1 (CCNB1IP1), transcript variant 3, mRNA.
BMP2	Homo sapiens bone morphogenetic protein 2 (BMP2), mRNA.
RNF165	Homo sapiens ring finger protein 165 (RNF165), mRNA.
EFNA1	Homo sapiens ephrin-A1 (EFNA1), transcript variant 1, mRNA.
STEAP3	Homo sapiens STEAP family member 3 (STEAP3), transcript variant 2, mRNA.
ALDH2	Homo sapiens aldehyde dehydrogenase 2 family (mitochondrial) (ALDH2), nuclear gene enc
BTG3	Homo sapiens BTG family, member 3 (BTG3), mRNA.
FSCN1	Homo sapiens fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus) (FS
PSAT1	Homo sapiens phosphoserine aminotransferase 1 (PSAT1), transcript variant 2, mRNA.
LAMA5	Homo sapiens laminin, alpha 5 (LAMA5), mRNA.
TNFRSF6B	Homo sapiens tumor necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), t
CRIP2	Homo sapiens cysteine-rich protein 2 (CRIP2), mRNA.

FABP5L3	Homo sapiens fatty acid binding protein 5-like 3 (pseudogene) (FABP5L3), non-coding RNA.
NCOR2	Homo sapiens nuclear receptor co-repressor 2 (NCOR2), transcript variant 1, mRNA.
CCL20	Homo sapiens chemokine (C-C motif) ligand 20 (CCL20), mRNA.
APBB3	Homo sapiens amyloid beta (A4) precursor protein-binding, family B, member 3 (APBB3), tra
DFNA5	Homo sapiens deafness, autosomal dominant 5 (DFNA5), transcript variant 1, mRNA.
RRM1	Homo sapiens ribonucleotide reductase M1 polypeptide (RRM1), mRNA.
ACOT7	Homo sapiens acyl-CoA thioesterase 7 (ACOT7), transcript variant hBACHb, mRNA.
EXT1	Homo sapiens exostoses (multiple) 1 (EXT1), mRNA.
MET	Homo sapiens met proto-oncogene (hepatocyte growth factor receptor) (MET), transcript va
MYO1B	Homo sapiens myosin IB (MYO1B), mRNA.
SLC5A8	Homo sapiens solute carrier family 5 (iodide transporter), member 8 (SLC5A8), mRNA.
XDH	Homo sapiens xanthine dehydrogenase (XDH), mRNA.
ASNS	Homo sapiens asparagine synthetase (ASNS), transcript variant 1, mRNA.
NINJ1	Homo sapiens ninjurin 1 (NINJ1), mRNA.
KLF11	PREDICTED: Homo sapiens Kruppel-like factor 11 (KLF11), mRNA.
BAIAP2L1	Homo sapiens BAI1-associated protein 2-like 1 (BAIAP2L1), mRNA.
AKR1C4	Homo sapiens aldo-keto reductase family 1, member C4 (chlordecone reductase; 3-alpha hy
C16orf48	Homo sapiens chromosome 16 open reading frame 48 (C16orf48), mRNA.
MAP3K5	Homo sapiens mitogen-activated protein kinase kinase kinase 5 (MAP3K5), mRNA.
SLC25A37	Homo sapiens solute carrier family 25, member 37 (SLC25A37), nuclear gene encoding mito
SLC1A5	Homo sapiens solute carrier family 1 (neutral amino acid transporter), member 5 (SLC1A5),
ATP2B4	Homo sapiens ATPase, Ca++ transporting, plasma membrane 4 (ATP2B4), transcript variant
ATP2B4	Homo sapiens ATPase, Ca++ transporting, plasma membrane 4 (ATP2B4), transcript variant
SOD2	Homo sapiens superoxide dismutase 2, mitochondrial (SOD2), nuclear gene encoding mitocl
BCL11A	Homo sapiens B-cell CLL/lymphoma 11A (zinc finger protein) (BCL11A), transcript variant 1,
MIR205	Homo sapiens microRNA 205 (MIR205), microRNA.
ZC3H12A	Homo sapiens zinc finger CCCH-type containing 12A (ZC3H12A), mRNA.
RPS6KA1	Homo sapiens ribosomal protein S6 kinase, 90kDa, polypeptide 1 (RPS6KA1), transcript varia
RAI14	Homo sapiens retinoic acid induced 14 (RAI14), mRNA.
GPR68	Homo sapiens G protein-coupled receptor 68 (GPR68), mRNA.
COL17A1	Homo sapiens collagen, type XVII, alpha 1 (COL17A1), mRNA.
MIR21	Homo sapiens microRNA 21 (MIR21), microRNA.
LEPREL1	Homo sapiens leprecan-like 1 (LEPREL1), mRNA.
RASA1	Homo sapiens RAS p21 protein activator (GTPase activating protein) 1 (RASA1), transcript va
LPIN1	Homo sapiens lipin 1 (LPIN1), mRNA.
APBB3	Homo sapiens amyloid beta (A4) precursor protein-binding, family B, member 3 (APBB3), tra
PRSS22	Homo sapiens protease, serine, 22 (PRSS22), mRNA.
FAM20C	Homo sapiens family with sequence similarity 20, member C (FAM20C), mRNA.
PPP1R14C	Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 14C (PPP1R14C), mRNA
NEURL1B	Homo sapiens neuralized homolog 1B (Drosophila) (NEURL1B), mRNA.
CDC42EP4	Homo sapiens CDC42 effector protein (Rho GTPase binding) 4 (CDC42EP4), mRNA.
SEMA4B	Homo sapiens sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) an
TSHZ2	Homo sapiens teashirt zinc finger homeobox 2 (TSHZ2), mRNA.
C1QTNF1	Homo sapiens C1q and tumor necrosis factor related protein 1 (C1QTNF1), mRNA.
PCK2	Homo sapiens phosphoenolpyruvate carboxykinase 2 (mitochondrial) (PCK2), nuclear gene e
FAM129A	Homo sapiens family with sequence similarity 129, member A (FAM129A), transcript variant
CDH3	Homo sapiens cadherin 3, type 1, P-cadherin (placental) (CDH3), mRNA.

MT1A	Homo sapiens metallothionein 1A (MT1A), mRNA.
MSN	Homo sapiens moesin (MSN), mRNA.
MT1G	Homo sapiens metallothionein 1G (MT1G), mRNA.
S1PR5	Homo sapiens sphingosine-1-phosphate receptor 5 (S1PR5), mRNA.
DDIT4	Homo sapiens DNA-damage-inducible transcript 4 (DDIT4), mRNA.
ABCC3	Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 3 (ABCC3), mRNA.
C7orf10	Homo sapiens chromosome 7 open reading frame 10 (C7orf10), mRNA.
LRRCC1	Homo sapiens leucine rich repeat and coiled-coil domain containing 1 (LRRCC1), transcript v
DHRS3	Homo sapiens dehydrogenase/reductase (SDR family) member 3 (DHRS3), mRNA.
TRIB3	Homo sapiens tribbles homolog 3 (Drosophila) (TRIB3), mRNA.
MT2A	Homo sapiens metallothionein 2A (MT2A), mRNA.
MAOA	Homo sapiens monoamine oxidase A (MAOA), nuclear gene encoding mitochondrial protein
LOC72887З	PREDICTED: Homo sapiens misc_RNA (LOC728873), miscRNA.
BCL11A	Homo sapiens B-cell CLL/lymphoma 11A (zinc finger protein) (BCL11A), transcript variant 1,
C20orf127	Homo sapiens chromosome 20 open reading frame 127 (C20orf127), mRNA.
FABP5	Homo sapiens fatty acid binding protein 5 (psoriasis-associated) (FABP5), mRNA.
AKR1C2	Homo sapiens aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile
SEC14L2	Homo sapiens SEC14-like 2 (S. cerevisiae) (SEC14L2), mRNA.
FAM107B	Homo sapiens family with sequence similarity 107, member B (FAM107B), mRNA.
ADA	Homo sapiens adenosine deaminase (ADA), mRNA.
MTE	Homo sapiens metallothionein E (MTE), mRNA.
TYMS	Homo sapiens thymidylate synthetase (TYMS), mRNA.
RP5-1022P	Homo sapiens hypothetical protein KIAA1434 (RP5-1022P6.2), mRNA.
MMP28	Homo sapiens matrix metallopeptidase 28 (MMP28), transcript variant 3, mRNA.
HMGB2	Homo sapiens high-mobility group box 2 (HMGB2), mRNA.
TNFRSF6B	Homo sapiens tumor necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), t
PHGDH	Homo sapiens phosphoglycerate dehydrogenase (PHGDH), mRNA.
MT1E	Homo sapiens metallothionein 1E (MT1E), mRNA.
HAS3	Homo sapiens hyaluronan synthase 3 (HAS3), transcript variant 1, mRNA.
RHCG	Homo sapiens Rh family, C glycoprotein (RHCG), mRNA.
SERPINA3	Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), mem

ariant alpha, mRNA.

A.
NA.

ariant beta, mRNA.

region, candidate 2 (LOC389599), mRNA.

ript variant 2, mRNA.

NA.
ransferase) (GCNT1), transcript variant 4, mRNA.

ne hx21e11 5, mRNA sequence

), mRNA.

)use) (MX1), mRNA.
NA.

1, mRNA.

:hondrial protein, mRNA.

anscript variant 1, mRNA.

anscript variant 1, mRNA.

LNT1), transcript variant 2, mRNA.

anscript variant 3, mRNA.

3 precursor (LOC642502), mRNA.

nt 2, mRNA.

ma derived oncogene homolog (avian) (ERBB2), transcript variant 1, mRNA.

, mRNA.

ariant 1, mRNA.

l protein, mRNA.
IA.
ariant 3, mRNA.

8), mRNA.
7

RNA.

up) (CD55), mRNA.
NA.

NA.

ant 2, mRNA.

ciated phosphatase) (PTPN13), transcript variant 3, mRNA.

in 1) (Guanine nucleotide-binding protein 1) (HuGBP-1) (LOC400759) on chromosome 1.

), member A3 (SLC35A3), mRNA.

equence
ME3), transcript variant 1, mRNA.

A.

2, mRNA.

n-coding RNA.

nt 3, mRNA.

A.

ipt variant 1, mRNA. XM_945612 XM_945613 XM_945615 XM_945617 XM_945619 XM_945622
ME3), transcript variant 1, mRNA.

XM_945392

ransferase) (GCNT1), mRNA.
IA.

.

ear gene encoding mitochondrial protein, mRNA.

2kDa (TAF9), transcript variant 3, mRNA.

hondrial protein, mRNA.

RNA.
nt 1, mRNA.
IA.

5kDa (TAF7), mRNA.
A.
hondrial protein, mRNA.

mRNA.

NPP4), mRNA.

NA.

nt 2, mRNA.

maturation factor 1, p35) (IL12A), mRNA.

), transcript variant 1, mRNA.

TAB), mRNA.

hondrial protein, mRNA.

script variant 2, mRNA.

ranscript variant 1, mRNA.
IA.
.

ng mitochondrial protein, mRNA.

iant 1, non-coding RNA.

ant 1, mRNA.

.

t 2, mRNA.

ript variant 2, mRNA.

t 1, mRNA.

.0), mRNA.

t 2, mRNA.

A.

urine disease) (BCKDHB), nuclear gene encoding mitochondrial protein, transcript variant 1, mRNA.

anscript variant 1, mRNA.

NA.
A.

IA.

t 1, mRNA.

anscript variant 1, mRNA.

IA.
ncoding mitochondrial protein, mRNA.

A.
1, mRNA.
ariant 1, mRNA.

: 2, mRNA.

: B, mRNA.

(MGAT3), transcript variant 1, mRNA.
RNA sequence
(SLC1A4), mRNA.

ding RNA.

some 15.
IA.

OC731751), mRNA.

., mRNA.

mRNA.
), mRNA.
pt variant 2, mRNA.

riant 1, mRNA.

d short cytoplasmic domain, (semaphorin) 4F (SEMA4F), mRNA.

ranscript variant 1, mRNA.

RNA.
in isoform b (LOC648099), mRNA.
stabilizing protein) (Single-strand binding protein) (hnRNP core protein A1) (HDP-1) (Topoisomerase-inh

equence

containing 2 (APPL2), mRNA.

ear RNA.
NA sequence

RNA.

RNA sequence

nt 1, mRNA.

la) (MLL5), transcript variant 1, mRNA.

.

A4), mRNA.

Formin-binding protein 2), transcript variant 1 (LOC647135), mRNA.

ript variant 2A, mRNA.

nRNA.

iant 2, mRNA.

t variant 2, mRNA.

ariant 1, mRNA.
ant 2H9, mRNA.

24), mRNA.

RNA.

variant 7, mRNA.

ıscript variant 6, mRNA.
nce

ligase H) (Ubiquitin carrier protein H) (UBCH2) (E2-20K) (LOC646463), mRNA.
member 1 interacting protein (LOC731789), mRNA.

riant A2, mRNA.

8), mRNA.

4, mRNA.

5), mRNA.
rial protein, transcript variant 1, mRNA.
IA.

t 1, mRNA.

variant 2, mRNA.

stabilizing protein) (Single-strand binding protein) (hnRNP core protein A1) (HDP-1) (Topoisomerase-inh
A.
NA.

variant 2, mRNA.

4096), mRNA.
A.

R2J4) on chromosome 7.
nsferase-like 4 (GALNTL4), mRNA.

riant 2, mRNA.

mRNA.

5), transcript variant c, mRNA.

n 1-like 10, transcript variant 2 (LOC100130561), mRNA.
, transcript variant 1, mRNA.

RNA.

ogene homolog, avian) (EGFR), transcript variant 1, mRNA.

cript variant 2, mRNA.
transcript variant 2, mRNA.
stabilizing protein) (Single-strand RNA-binding protein) (hnRNP core protein A1) (HDP) (LOC729423), mR
ochondrial protein, mRNA.

RNA.

cript variant 1, mRNA.
A.
A.
mRNA.
nila) (CELSR2), mRNA.

ınscript variant 6 (LOC653829), mRNA.

4, mRNA.
(LRP8), transcript variant 3, mRNA.

mRNA.

anscript variant 2, mRNA.
pt variant 1, mRNA.
coding RNA.

)C400986), mRNA.

matrix protein GM130), transcript variant 1 (LOC400304), mRNA.

NA.

oding mitochondrial protein, mRNA.

CN1), mRNA.

:ranscript variant M68C, mRNA.

anscript variant 2, mRNA.

ariant 2, mRNA.

droxysteroid dehydrogenase, type I; dihydrodiol dehydrogenase 4) (AKR1C4), mRNA.

chondrial protein, mRNA.
mRNA.
2, mRNA.
1, mRNA.
hondrial protein, transcript variant 2, mRNA.
mRNA.

ant 1, mRNA.

ariant 1, mRNA.

anscript variant 3, mRNA.

.

d short cytoplasmic domain, (semaphorin) 4B (SEMA4B), transcript variant 2, mRNA.

encoding mitochondrial protein, transcript variant 1, mRNA.
t 2, mRNA.

ariant 1, mRNA.

, mRNA.

mRNA.

acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III) (AKR1C2), transcript variant 1, mF

ranscript variant M68C, mRNA.

ber 3 (SERPINA3), mRNA.

ıibitor suppressed) (LOC388275), mRNA.

ıibitor suppressed) (LOC645436), mRNA.

RNA.

RNA. XM_943424 XM_943425 XM_943427

Supplementary Table 2 EPC-hTERT-p53^{R175H}-POSTN is correlated with higher expression of STAT1 pathway gen

Log_2 ratio upregulated		
Probeset ID	Gene Symbol	Exp. Value
ILMN_1791711	DUOXA2	2.21
ILMN_1786335	DUOX2	2.14
ILMN_1720433	FAM3D	1.61
ILMN_2347798	IFI6	1.61
ILMN_1753439	RPTN	1.56
ILMN_1656310	IDO1	1.54
ILMN_1723480	BST2	1.52
ILMN_1758895	CTSK	1.44
ILMN_2239754	IFIT3	1.35

Log_2 ratio downregulated		
Probeset ID	Gene Symbol	Exp. Value
ILMN_1788874	SERPINA3	-1.79
ILMN_1778687	RHCG	-1.52
ILMN_1794501	HAS3	-1.22
ILMN_2173611	MT1E	-1.15
ILMN_1704537	PHGDH	-1.11
ILMN_2331231	TNFRSF6B	-1.06
ILMN_2219712	HMGB2	-1.06
ILMN_2399016	MMP28	-1

es

Supplementary Table 3

Taqman® Gene Expression Assays (Applied Biosystems)

ZEB1, Hs00232783_m1

ZEB2, Hs00207691_m1

CDH1(E-cadherin), Hs00170423_m1

CDH2(N-cadherin), Hs00983062_m1

SNAI1, Hs00195591_m1

TWIST1, Hs00361186_m1

SNAI2/SLUG, Hs00161804_m1

Primer Sequences for STAT1-related genes

Gene	Forward sequence	Reverse Sequence
hSTAT1	5'-GTGCATCATGGGCTTCATCAGCAA-3'	5'-TAGGGTTCAACCGCATGGAAGTCA-3'
hIL-12	5'-AGTGGAGGCCTGTTTACCATTGGA-3'	5'-AGGCCAGGCAACTCCCATTAGTTA-3'
hDuox2	5'-AGTACAAGCGCTTCGTGGAGAACT-3'	5'-TCTGCAAACACGCCAACACAGATG-3'
hIDO1	5'-CACTTTGCTAAAGGCGCTGTTGGA-3'	5'-GGTTGCCTTTCCAGCCAGACAAAT-3'
hCXCL5	5'-GAGAGAGCTGCGTTGCGTTTGTTT-3'	5'-GCCTATGGCGAACACTTGCAGATT-3'
hIFI6	5'-TTTACTCGCTGCTGTGCCCATCTA-3'	5'-TGAAGAGCAGCAGGTAGCACAAGA-3'
hSERPINA3	5'-TGGGTAATGGTGCCCATGATGAGT-3'	5'-TGGCTTCCACTTCCTCCATCTTGT-3'