Supplementary Table 1. Multiple myeloma genetic anomalies

	Genetic Anomalies					Mutations			
	Translocations								
MM name	cyclin D1 trans	cmyc	cmaf or mafB	FGFR3/MMSET	IRF4 translocation	ras mutation	p18 mutation	p53 mutation	other?
ANBL6			+			-	+	m	il6 dependent
EJM			+			k12	+	m	
H929		"+"not to Ig		+		n13	+	n	
JIM3				+		-	+	m	
KMS12	+	+				-	o/m	m	
L363		"+"not to Ig				n61	+	m	NIK
LP1		+		+		-	+	m	
OCIMy5		+	+			-	o	n	
SKMM1		+	+		+	n12	+	m	10q22
UTMC2		mutated		+		-	+	m	
U266	+	+						m	MYCL1 inversion
8226		+	+			k12		m	1p13
JJN3		+	+			-		n	

Key

+' translocation positive to an Ig locus

-' no mutation
n#-mutation

+' wildtype
m mutated
o deleted

m-mutated
n-normal

Unpublished results courtesy of Dr. Mike Keuhl.

Supplementary Table 2

For experimental details see Text

				shIRF4 gene expression decrease		primary cell gene expression				ChIP of IRF4 targets		
SYMBOL	Gene title	Unigene ID UG197	GENE ID	Lymphochip	Agilent	Myeloma > B cell 1=yes; 0=no	PC > B cell 1=yes; 0=no	Activated B > resting B 1=yes; 0=no	PC DC > monocyte 1=yes; 0=no	ChIP-CHIP + gene expression	ChIP confirmed	MYC direct target (source)
ABHD10	abhydrolase domain containing 10	477115	55347		X	0	0		0			
ACP1	acid phosphatase 1, soluble	558296	52	X		1	1	0	0			MycPET
ACSS2	acyl-CoA synthetase short-chain family member 2	517034	55902		X							
ADAM9	ADAM metallopeptidase domain 9 (meltrin gamma)	591852	8754	X		0	0	0	0			
AGPAT2	1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)	320151	10555		X	0	1	0	0			
AHCY	S-adenosylhomocysteine hydrolase	388004	191		X	1	0	1	0			MycER
ALDH1L2	aldehyde dehydrogenase 1 family, member L2	42572	160428		X							
ALDOC	aldolase C, fructose-bisphosphate	155247	230		X	0	0	0	0			
AMPD1	adenosine monophosphate deaminase 1 (isoform M)	89570	270		X	1	1	0	0	X		
ANKRD37	ankyrin repeat domain 37	645297	353322		X							
ANKZF1	ankyrin repeat and zinc finger domain containing 1	437647	55139		X	0	0	0	1			
APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B	226307	9582		X	1	1	0	1			
APOBEC3D	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3D (putative)	226307	140564		X							
ASB13	ankyrin repeat and SOCS box-containing 13	445899	79754		X	0	0	0	0			
ATF3	activating transcription factor 3	460	467		X	1	1	0	0			
ATF4	activating transcription factor 4 (tax-responsive enhancer element B67)	496487	468	X		1	1	1	0			
ATP5D	ATP synthase, H+ transporting, mitochondrial F1 complex, delta subunit	418668	513	X		1	0	0	0			MycPET
ATP6V1E2	ATPase, H+ transporting, lysosomal 31kDa, V1 subunit E2	437691	90423		X							
ATRX	alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, S. cerevisiae)	533526	546	X		0	0		1			
AURKA	aurora kinase A	250822	6790	X		0	0	1	1			
AVPI1	arginine vasopressin-induced 1	23918	60370		X	0	1	0	0			
AXIN1	axin 1	592082	8312	X		0	0	0	0			
B3GNT1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	8526	11041		X	1	1	0	1	X		
BCKDHA	branched chain keto acid dehydrogenase E1, alpha polypeptide	433307	593		X	1	0	0	0			
BCL2	B-cell CLL/lymphoma 2	150749	596	X		0	0	1	0			
BCL2L2	BCL2-like 2	410026	599		X	1	0	0	0			
BHLHB8	basic helix-loop-helix domain containing, class B, 8	511979	168620		X							
BMI1	B lymphoma Mo-MLV insertion region (mouse)	496613	648	X		1	1	0	1			Literature
BMP6	bone morphogenetic protein 6	285671	654	X	X	1	1	1	0			
BNIP2	BCL2/adenovirus E1B 19kDa interacting protein 2	592515	663	X		0	0		0			
BSPRY	B-box and SPRY domain containing	632677	54836		X	1	1	1	1			
C11orf24	chromosome 11 open reading frame 24	303025	53838		X	1	1	0	1	X		
C12orf57	chromosome 12 open reading frame 57	591045	113246	X								
C14orf93	chromosome 14 open reading frame 93	255874	60686		X	0	0		0			
C16orf14	chromosome 16 open reading frame 14	417710	84331		X							
C17orf39	chromosome 17 open reading frame 39	187422	79018		X	0	0	1	1			
C1orf2	chromosome 1 open reading frame 2	348308	10712		X	0	0	0	0			
C20orf133	chromosome 20 open reading frame 133	570367	140733	X		0	0	0	0			
C22orf9	chromosome 22 open reading frame 9	592207	23313		X	0	0	0	0			
C5orf32	chromosome 5 open reading frame 32	529798	84418		X							
C9orf100	chromosome 9 open reading frame 100	648121	84904		X							
CALCOCO2	calcium binding and coiled-coil domain 2	514920	10241		X	0	0	0	0			
CANX	calnexin	567968	821		X	1	1	1	1	X	X	
CASP3	caspase 3, apoptosis-related cysteine peptidase	141125	836	X		1	1	0	1	X	X	
CAV1	caveolin 1, caveolae protein, 22kDa	74034	857		X	1	1	1	1			
CCDC134	coiled-coil domain containing 134	474991	79879		X	0	0	1	0			
CCDC52	coiled-coil domain containing 52	477144	152185		X	0	0		0			
CCDC74B	coiled-coil domain containing 74B	29383	91409		X							
CCL3	chemokine (C-C motif) ligand 3	514107	6348		X	1	1	1	0			
CCNC	cyclin C	430646	892	X		1	0	0	0	X	X	
CCPG1	cell cycle progression 1	612814	9236	X		1	1	0	0			
CD38	CD38 molecule	479214	952	X		1	1	0	1			
CD97	CD97 molecule	466039	976		X	1	0	1	0			
CDK6	cyclin-dependent kinase 6	119882	1021	X		0	0	0	0	X	X	
CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)	238990	1027		X	0	0	0	0	X	X	
CDT1	chromatin licensing and DNA replication factor 1	122908	81620		X	0	0		1			
CEBPZ	CCAAT/enhancer binding protein zeta	135406	10153	X		0	0	1	0			
CENPF	centromere protein F, 350/400ka (mitosin)	497741	1063	X		0	0		0			
CFLAR	CASP8 and FADD-like apoptosis regulator	390736	8837		X	1	1	1	0	X		
CHRAC1	chromatin accessibility complex 1	279704	54108		X							
CMTM8	CKLF-like MARVEL transmembrane domain containing 8	154986	152189		X	0	0		0			
CNOT6	CCR4-NOT transcription complex, subunit 6	157606	57472		X	0	0		0			
CTH	cystathionase (cystathionine gamma-lyase)	19904	1491		X	0	0	1	0			
CTR9	Ctr9, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	173288	9646	X		0	0		0			
CYCS	cytochrome c, somatic	437060	54205	X		1	0	1	0			MycPET
CYP51A1	cytochrome P450, family 51, subfamily A, polypeptide 1	417077	1595	X	X	1	0	1	0			
DDHD2	DDHD domain containing 2	434966	23259		X	0	0		1			
DDIT3	DNA-damage-inducible transcript 3	505777	1649	X		1	1	0	0			
DDR2	discoidin domain receptor family, member 2	593833	4921	X		0	0	1	0	X	X	
DENND2C	DENN/MADD domain containing 2C	127350	163259		X					X		
DEPDC1	DEP domain containing 1	445098	55635	X		0	0	0	0			
DIXDC1	DIX domain containing 1	446249	85458		X	0	0	1	0			
DKFZp547E0	hypothetical gene LOC283846	648439	283846	X								
DNAJB5	DnaJ (Hsp40) homolog, subfamily B, member 5	237506	25822		X	0	1	1	0			
DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9	6790	4189	X		1	1	0	1			
DNAJC10	DnaJ (Hsp40) homolog, subfamily C, member 10	516632	54431	X		1	0	0	0			
DUSP5	dual specificity phosphatase 5	2128	1847	X		1	1	0	1	X	X	
E2F5	E2F transcription factor 5, p130-binding	445758	1875	X		0	0		1	X	X	
EIF2C2	eukaryotic translation initiation factor 2C, 2	449415	27161		X							
EIF2S2	eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa	429180	8894	X		1	0	1	0			
EIF3S6	eukaryotic translation initiation factor 3, subunit 6 48kDa	405590	3646	X		0	0		0		X	MycPET
EIF4A2	eukaryotic translation initiation factor 4A, isoform 2	518475	1974		X	0	0		0			
ELL2	elongation factor, RNA polymerase II, 2	592742	22936	X	X	1	1	1	1	X	X	
ELN	elastin (supravalvular aortic stenosis, Williams-Beuren syndrome)	647061	2006	X		0	0		0			
EML2	echinoderm microtubule associated protein like 2	24178	24139		X	0	0	1	0			
ENO1	enolase alpha, lung-specific	517145	2023		X							MycER
F12	coagulation factor XII (Hageman factor)	1321	2161		X	1	1	0	0			
FADS1	fatty acid desaturase 1	503546	3992	X	X	0	0	1	1			
FAM100B	family with sequence similarity 100, member B	647404	283991		X							
FBXO16	F-box protein 16	435535	157574		X					X	X	
FDFT1	farnesyl-diphosphate farnesyltransferase 1	593928	2222		X	0	0		0			
FHL1	four and a half LIM domains 1	435369	2273		X	1	0	0	1			
FKBP11	FK506 binding protein 11, 19 kDa	119177	51303		X	1	1	0	1			MycPET
FLJ25006	hypothetical protein FLJ25006	151761	124923		X							
FLJ35767	FLJ35767 protein	231897	400629		X							
FRG2	FSHD region gene 2 protein	626907	448831		X							
FRMD6	FERM domain containing 6	434914	122786	X								
FYN	FYN oncogene related to SRC, FGR, YES	390567	2534	X		0	0		0			
FZD2	frizzled homolog 2 (Drosophila)	142912	2535		X	0	1	0	0			
FZD7	frizzled homolog 7 (Drosophila)	173859	8324		X	0	0	0	0			
GAA	glucosidase, alpha; acid (Pompe disease, glycogen storage disease type II)	1437	2548		X	1	0	0	0			
GARS	glycyl-tRNA synthetase	404321	2617	X		1	0	1	0			
GART	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribos	473648	2618		X	0	0	1	0			
GFOD1	glucose-fructose oxidoreductase domain containing 1	484686	54438		X	0	0	1	0			
GFPT1	glutamine-fructose-6-phosphate transaminase 1	645286	2673		X	1	1	0	1	X		
GLDC	glycine dehydrogenase (decarboxylating)	584238	2731		X	0	0	0	1			MycPET
GLS	glutaminase	116448	2744	X		0	0	1	1			
GNG10	guanine nucleotide binding protein (G protein), gamma 10	534196	2790	X		0	0		0			MycPET
GNG7	guanine nucleotide binding protein (G protein), gamma 7	515544	2788		X	1	0	0	1			
GNPDA1	glucosamine-6-phosphate deaminase 1	633853	10007		X	0	0	1	0			
GOLGA7	golgi autoantigen, golgin subfamily a, 7	355753	51125	X		0	0		0			
GPT2	glutamic pyruvate transaminase (alanine aminotransferase) 2	460693	84706		X							
GRB14	growth factor receptor-bound protein 14	411881	2888		X	0	0	0	0			

GRPEL2	GrpE-like 2, mitochondrial (E. coli)	511816	134266		X							MycPET
GRSF1	G-rich RNA sequence binding factor 1	634071	2926	X		1	0	1	0			
GTF2IRD1	GTF2I repeat domain containing 1	647056	9569		X	0	0	1	1			
GTF3C2	general transcription factor IIIC, polypeptide 2, beta 110kDa	75782	2976		X	0	0		0			
HADHA	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydr	516032	3030		X	0	0	0	0			
HDAC5	histone deacetylase 5	438782	10014		X	1	0	0	0			
HIG2	hypoxia-inducible protein 2	645397	29923		X	0	0	1	0			
HIVEP2	human immunodeficiency virus type I enhancer binding protein 2	510172	3097		X	0	0	1	1			
HK2	hexokinase 2	591588	3099		X	0	0	1	0			MycER
HMBS	hydroxymethylbilane synthase	82609	3145		X	1	0	0	0			
HMGB1	high-mobility group box 1	434102	3146	X		0	0	1	0			MycPET
HMGCR	3-hydroxy-3-methylglutaryl-Coenzyme A reductase	643495	3156	X		0	0	1	0			MycPET
HMGCS1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)	397729	3157		X	0	0		0			
HMMR	hyaluronan-mediated motility receptor (RHAMM)	72550	3161	X		0	0		1			
HSP90AA1	heat shock protein 90kDa alpha (cytosolic), class A member 1	525600	3320	X		1	0	0	0			
HSP90B1	heat shock protein 90kDa beta (Grp94), member 1	192374	7184	X		1	1	1	1			
HSPB1	heat shock 27kDa protein 1	520973	3315		X	1	1	0	0			
HVCN1	hydrogen voltage-gated channel 1	334637	84329		X							
IDH1	isocitrate dehydrogenase 1 (NADP+), soluble	593422	3417	X		0	0		0			
IDI1	isopentenyl-diphosphate delta isomerase 1	283652	3422	X		0	0		0			
IFI16	interferon, gamma-inducible protein 16	380250	3428	X		0	0		0			
IFNAR1	interferon (alpha, beta and omega) receptor 1	529400	3454	X		0	0		0			
INSIG1	insulin induced gene 1	520819	3638	X	X	0	0	1	0			
IRF4	interferon regulatory factor 4	401013	3662	X		0	1	1	1	X	X	
ISG20	interferon stimulated exonuclease gene 20kDa	459265	3669		X	1	0	0	1	X	X	
ITGA4	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)	647873	3676	X		1	0	0	0			
ITGB7	integrin, beta 7	524458	3695	X		0	0	0	1	X		
ITPKA	inositol 1,4,5-trisphosphate 3-kinase A	2722	3706		X	0	1	1	0			
ITPR2	inositol 1,4,5-trisphosphate receptor, type 2	512235	3709	X		0	0		0			
JUP	junction plakoglobin	514174	3728	X		0	0	0	0			
KIAA0241	KIAA0241	128056	23080	X		0	0		0			
KIAA0323	KIAA0323	643552	23351		X	0	0		0			
KLF2	Kruppel-like factor 2 (lung)	107740	10365		X	0	0	0	0			
KLK1	kallikrein 1	123107	3816		X	0	0		0			
KRAS	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog	505033	3845	X		1	1	1	0			
KTN1	kinectin 1 (kinesin receptor)	509414	3895	X		0	0		0			
LDHA	lactate dehydrogenase A	2795	3939		X	1	0	1	0			MycER MycPET
LDLR	low density lipoprotein receptor (familial hypercholesterolemia)	213289	3949		X	1	1	0	0			
LDLRAP1	low density lipoprotein receptor adaptor protein 1	590911	26119		X	1	0	0	0			
LOC157562	hypothetical protein LOC157562	27371	157562		X	0	0	1	0			
LOC389458	hypothetical gene supported by BC031661	396178	389458		X							
LOC442013	similar to L-lactate dehydrogenase A chain (LDH-A) (LDH muscle subunit) (LDH-M) (Proliferation-in	684371	442013		X							
LOC55565	hypothetical protein LOC55565	647357	55565		X	0	0		0			
LOC728315	similar to 60S ribosomal protein L7a	616026	728315		X							
LOC92312	hypothetical protein LOC92312	591496	92312		X							
LONP1	lon peptidase 1, mitochondrial	350265	9361		X	0	0	1	0			
MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA)	642877	378938	X								
MAN2A1	mannosidase, alpha, class 2A, member 1	432822	4124	X		1	1	0	0	X		
MARS	methionine-tRNA synthetase	632707	4141		X	1	0	1	1			
MDC1	mediator of DNA damage checkpoint 1	632002	9656		X	0	0	0	0			
ME2	malic enzyme 2, NAD(+)-dependent, mitochondrial	233119	4200	X		0	0	1	0			
MICB	MHC class I polypeptide-related sequence B	211580	4277		X	0	0		0			
MKI67	antigen identified by monoclonal antibody Ki-67	80976	4288	X		0	0	0	0			
MLSTD2	male sterility domain containing 2	501991	84188	X								
MMAB	methylmalonic aciduria (cobalamin deficiency) cblB type	12106	326625		X							
MMD	monocyte to macrophage differentiation-associated	463483	23531	X		0	0		0			
MNAT1	menage a trois homolog 1, cyclin H assembly factor (Xenopus laevis)	509523	4331	X		0	0		1			
MOCOS	molybdenum cofactor sulfurase	405028	55034		X	0	0	0	0			
MPP1	membrane protein, palmitoylated 1, 55kDa	496984	4354		X	0	0		0			
MPZL1	myelin protein zero-like 1	493919	9019		X	1	0	0	0			
MTHFD1L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like	591343	25902		X							MycPET
MVK	mevalonate kinase (mevalonic aciduria)	130607	4598		X	0	0	1	0			
MXI1	MAX interactor 1	501023	4601		X	1	0	0	0			MycPET
MYB	v-myb myeloblastosis viral oncogene homolog (avian)	531941	4602	X		0	0		1			
MYC	v-myc myelocytomatosis viral oncogene homolog (avian)	202453	4609		X	1	0	1	0	X	X	
NAPSA	napsin A aspartic peptidase	512843	9476		X							
NAPSB	napsin B aspartic peptidase pseudogene	636624	256236		X							
NDRG1	N-myc downstream regulated gene 1	372914	10397		X	1	1	1	0			
NFIL3	nuclear factor, interleukin 3 regulated	79334	4783	X		1	1	0	0	X	X	
NP	nucleoside phosphorylase	75514	4860	X	X	1	0	1	0			MycPET
NR4A1	nuclear receptor subfamily 4, group A, member 1	524430	3164	X	X	1	1	0	0			
NUP205	nucleoporin 205kDa	632299	23165		X	0	0		0			
OSBPL8	oxysterol binding protein-like 8	430849	114882	X		0	0	1	0			
P18SRP	P18SRP protein	69504	285672	X		0	0	1	0			
P4HA1	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide I	500047	5033		X	1	0	1	0	X		
PABPC4	poly(A) binding protein, cytoplasmic 4 (inducible form)	169900	8761		X	1	1	1	0			
PAICS	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide syn	518774	10606	X		1	0	1	1			MycPET
PAIP2	poly(A) binding protein interacting protein 2	396644	51247	X								
PALM2-AKAP2	PALM2-AKAP2 protein	591908	445815		X							
PAM	peptidylglycine alpha-amidating monooxygenase	369430	5066		X	1	1	1	0	X		
PBEF1	pre-B-cell colony enhancing factor 1	489615	10135	X		1	1	0	0			MycPET
PCYT1B	phosphate cytidylyltransferase 1, choline, beta	296031	9468		X	0	1	0	0			
PDCD10	programmed cell death 10	478150	11235	X		0	0		0			
PDIA4	protein disulfide isomerase family A, member 4	93659	9601	X		1	1	0	1			
PDK1	pyruvate dehydrogenase kinase, isozyme 1	470633	5163		X	1	1	0	0			Literature
PELI3	pellino homolog 3 (Drosophila)	523816	246330		X							
PFKFB4	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	476217	5210		X	0	0	0	0			
PGK1	phosphoglycerate kinase 1	78771	5230		X	1	0	0	0			
PHKA1	phosphorylase kinase, alpha 1 (muscle)	201379	5255		X	0	0	1	0	X	X	
PIM2	pim-2 oncogene	496096	11040	X		1	1	1	1	X	X	
PIP5K1B	phosphatidylinositol-4-phosphate 5-kinase, type I, beta	534371	8395		X	1	0	0	0			
PLEKHA4	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 4	9469	57664		X	0	0		0			
PMS2L3	postmeiotic segregation increased 2-like 3	406395	5387		X	0	0		0			
PPP1R2	protein phosphatase 1, regulatory (inhibitor) subunit 2	535731	5504	X		1	0	0	1			
PPP2R5C	protein phosphatase 2, regulatory subunit B (B56), gamma isoform	368264	5527	X		1	0	0	0			
PRDM1	PR domain containing 1, with ZNF domain	436023	639	X		1	1	0	1	X	X	
PRPF40A	PRP40 pre-mRNA processing factor 40 homolog A (yeast)	643580	55660	X		0	0	1	0			
PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	159014	8899	X		0	0	0	0			
PRR7	proline rich 7 (synaptic)	534492	80758		X	0	0	0	1			
PTPN22	protein tyrosine phosphatase, non-receptor type 22 (lymphoid)	535276	26191	X		0	0		0			
PTPN6	protein tyrosine phosphatase, non-receptor type 6	63489	5777	X	X	0	0		0			
RAB30	RAB30, member RAS oncogene family	40758	27314		X	0	0	0	1			
RAB33A	RAB33A, member RAS oncogene family	56294	9363		X	0	0	0	0			
RAD21	RAD21 homolog (S. pombe)	81848	5885	X		0	0		0			
RIN2	Ras and Rab interactor 2	472270	54453		X	0	0	1	0			
RNF122	ring finger protein 122	151237	79845		X	0	0	0	0			
ROCK1	Rho-associated, coiled-coil containing protein kinase 1	306307	6093	X		0	0	0	0			
APOBEC3H	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3H	440515	164668		X							
RPP30	ribonuclease P/MRP 30kDa subunit	139120	10556	X		0	0		0			
SAMD8	sterile alpha motif domain containing 8	302669	142891		X							
SAV1	salvador homolog 1 (Drosophila)	642842	60485		X	0	0		0			
SC4MOL	sterol-C4-methyl oxidase-like	105269	6307		X	0	0		1			
SC5DL	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, fungal)-like	287749	6309	X		0	0		0			
SCC-112	SCC-112 protein	331431	23244	X		1	0	0	1			
SCD	stearoyl-CoA desaturase (delta-9-desaturase)	558396	6319	X	X	0	0	1	0		X	
SCYE1	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating)	591680	9255	X		0	0		0			
SEC61A2	Sec61 alpha 2 subunit (S. cerevisiae)	112955	55176	X		0	0		1			
11-Sep	septin 11	128199	55752	X		0	0	0	1			
7-Sep	septin 7	632906	989	X		0	0		0			
SERF1A	small EDRK-rich factor 1A (telomeric)	202179	8293	X		0	0	1	0			
SERPINH1	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)	596449	871		X	0	0	0	0			

SETBP1	SET binding protein 1	435458	26040		X	0	0	0	1			
SIRT3	sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae)	592292	23410		X	0	0	0	1			
SKP2	S-phase kinase-associated protein 2 (p45)	23348	6502		X	0	0	0	0			
SLAMF7	SLAM family member 7	517265	57823	X	X	1	1	1	1	X	X	
SLC12A4	solute carrier family 12 (potassium/chloride transporters), member 4	10094	6560		X	0	1	0	0			
SLC25A37	solute carrier family 25, member 37	122514	51312		X	0	0	0	0			
SLC2A1	solute carrier family 2 (facilitated glucose transporter), member 1	473721	6513		X	0	0	0	0			MvcER
SLC31A1	solute carrier family 31 (copper transporters), member 1	532315	1317		X	1	0	0	0		X	
SLC37A4	solute carrier family 37 (glycerol-6-phosphate transporter), member 4	132760	2542		X	1	0	0	0	X		
SLC38A2	solute carrier family 38, member 2	221847	54407		X	1	0	1	1			
SLC3A2	solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2	502769	6520		X	1	1	1	0			MvcPET
SMOC2	SPARC related modular calcium binding 2	487200	64094		X							
SNRK	SNF related kinase	476052	54861	X		0	0		0			
SNX9	sorting nexin 9	191213	51429		X	0	0	1	0			
SORT1	sortilin 1	485195	6272		X	1	1	0	0			
SP3	Sp3 transcription factor	531587	6670	X		0	0		0			
SPATS2	spermatogenesis associated, serine-rich 2	146679	65244		X	1	1	0	0			
SPFH1	SPFH domain family, member 1	150087	10613		X	0	0		0			
SQLE	squalene epoxidase	71465	6713	X	X	0	0	1	0		X	
SREBF2	sterol regulatory element binding transcription factor 2	443258	6721		X	0	0	0	0			
SRPK1	SFRS protein kinase 1	443861	6732	X		0	0	1	0			
SSR1	signal sequence receptor, alpha (translocon-associated protein alpha)	114033	6745		X	1	1	0	1			
ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	584803	6482	X		0	0	1	0			
ST6GAL1	ST6 beta-galactosamide alpha-2,6-sialyltranferase 1	207459	6480		X	0	0		1			
STAG2	stromal antigen 2	496710	10735	X		0	0		0	X	X	
STK38L	serine/threonine kinase 38 like	184523	23012	X		0	0		0			
STRBP	spermatid perinuclear RNA binding protein	287659	55342	X								
STS	steroid sulfatase (microsomal), arylsulfatase C, isozyme S	522578	412		X	0	0	0	0			
STX18	syntaxin 18	584913	53407		X	0	0		0			
SUB1	SUB1 homolog (S. cerevisiae)	229641	10923	X		1	1	0	1	X	X	
SUMO1	SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae)	81424	7341	X		1	0	0	0			
TAF9B	TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31kDa	592248	51616		X	0	0		1			
TAGLN2	transgelin 2	517168	8407		X	0	0	1	0			
TBC1D14	TBC1 domain family, member 14	518611	57533	X								
TBC1D8	TBC1 domain family, member 8 (with GRAM domain)	442657	11138		X	0	0	0	0			
TCEA1	transcription elongation factor A (SII), 1	344151	6917	X		0	0		0			
TCERG1	transcription elongation regulator 1	443465	10915	X		0	0		1			
TCF20	transcription factor 20 (AR1)	475018	6942		X	0	0		0			
TCOF1	Treacher Collins-Franceschetti syndrome 1	519672	6949		X	0	0	1	0			
TDG	thymine-DNA glycosylase	584809	6996	X		0	0	1	0			
TERT	telomerase reverse transcriptase	492203	7015		X	0	1	1	0			MvcER
TIMP2	TIMP metallopeptidase inhibitor 2	633514	7077		X	1	1	1	0			
TLOC1	translocation protein 1	592561	7095	X		1	0	0	0			
TM9SF4	transmembrane 9 superfamily protein member 4	129244	9777		X	1	1	1	0			
TMEFF1	transmembrane protein with EGF-like and two follistatin-like domains 1	336224	8577		X	0	0		0			
TMEM38A	transmembrane protein 38A	436068	79041		X							
TMTC4	transmembrane and tetratricopeptide repeat containing 4	643460	84899		X							
TNFAIP3	tumor necrosis factor, alpha-induced protein 3	591338	7128	X		1	1	0	1	X		
TNFRSF12A	tumor necrosis factor receptor superfamily, member 12A	355899	51330		X	0	1	1	0			
TNFRSF17	tumor necrosis factor receptor superfamily, member 17	2556	608	X	X	1	1	0	1	X	X	
TNFRSF8	tumor necrosis factor receptor superfamily, member 8	1314	943		X	0	0	1	0			
TNNT1	troponin T type 1 (skeletal, slow)	631558	7138		X	0	0		0			
TPR	translocated promoter region (to activated MET oncogene)	279640	7175	X		0	0	0	0			
TRAM1	translocation associated membrane protein 1	491988	23471	X		1	1	0	1			
TUBGCP3	tubulin, gamma complex associated protein 3	224152	10426		X	0	0		0			
TUFT1	tuftelin 1	489922	7286		X	1	1	0	0	X		
TXNDC5	thioredoxin domain containing 5	604380	81567		X	1	1	0	1			
UAP1	UDP-N-acetylglucosamine pyrophosphorylase 1	492859	6675	X		1	1	1	1	X	X	
UBE2B	ubiquitin-conjugating enzyme E2B (RAD6 homolog)	644421	7320	X		1	0	1	0			
UBE2H	ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)	643548	7328	X		1	0	0	0			
UBE2J1	ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	163776	51465	X		1	1	0	1			
UCK2	uridine-cytidine kinase 2	458360	7371	X		1	1	1	1		X	
UNG	uracil-DNA glycosylase	191334	7374		X	0	0	0	1			
USP9X	ubiquitin specific peptidase 9, X-linked	77578	8239	X		0	0	1	0			
VDAC1	voltage-dependent anion channel 1	519320	7416		X	1	0	1	0			MvcPET
VEGFA	vascular endothelial growth factor A	73793	7422		X	0	1	1	0			
WHSC1	Wolf-Hirschhorn syndrome candidate 1	113876	7468	X	X	0	0	0	1			
WWC3	WWC family member 3	527524	55841		X	0	0	0	0			
XPOT	exportin, tRNA (nuclear export receptor for tRNAs)	85951	11260		X	1	0	1	0			
YARS	tyrosyl-tRNA synthetase	213264	8565		X	1	0	1	0			
YES1	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	194148	7525		X	1	0	0	0			
ZC3H10	zinc finger CCCH-type containing 10	632706	84872		X							
ZFP36	zinc finger protein 36, C3H type, homolog (mouse)	534052	7538		X	1	1	0	0			
ZNF37A	zinc finger protein 37A	292575	7587		X	0	0	1	0			

Supplemental Table 3. Achilles' Heel RNAi screening results in Multiple Myeloma cell lines
empty cell-untested shRNA
variance-adjusted pvalue shown
NOTE:shRNA specificity/efficacy is **unverified** except for IRF4

					Screen #1	Screen #1	Screen #1	Screen #1	Screen #1	Screen #1	Screen #1	Screen #1	Screen #1	Screen #2	Screen #2	Screen #2	Screen #2	Screen #2	Screen #2
				line:	KMS12	KMS12	KMS12	H929	H929	H929	SKMM1	SKMM1	SKMM1	H929	H929	H929	SKMM1	SKMM1	SKMM1
					log2 depletion	std dev.	var. adj. pvalue	log2 depletion	std dev.	var. adj. pvalue	log2 depletion	std dev.	var. adj. pvalue	log2 depletion	std dev.	var. adj. pvalue	log2 depletion	std dev.	var. adj. pvalue
GENE	Accession_shRNA position	shRNA loop oligo	UGID_197	spot#															
IRF4	U52682_bp1338_R	AGCTAAAAAGAACCTCTGCTAGCCAGACAATCTCTTGAATTGTCTGGCTAGCAGAGGTTCGG	Hs.401013	4863	1.7458875	0.47962011	0.000573406	0.2184375	0.21042129	0.224085557				0.918725	0.57219488	0.048910259	1.061775	0.73683647	0.063426295
IRF4	U52682_bp1338_R	AGCTAAAAAGAACCTCTGCTAGCCAGACAATCTCTTGAATTGTCTGGCTAGCAGAGGTTCGG	Hs.401013	10239	1.7728375	0.47912576	0.000531954	0.2422625	0.14567668	0.155443497				0.88715	0.59814176	0.059241085	1.04745	0.73806391	0.065734609
IRF4	U52682_bp1338_R	AGCTAAAAAGAACCTCTGCTAGCCAGACAATCTCTTGAATTGTCTGGCTAGCAGAGGTTCGG	Hs.401013	15615	1.5280125	0.52164675	0.001386644	0.2293875	0.24031079	0.22243564				0.8881	0.55446683	0.049202311	1.041625	0.78536152	0.07682282
IRF4	U52682_bp1399_R	AGCTAAAAAGGGGCTACGATTTACCAGAACTCTCTTGAAGTTCTGGTAAATCGTAGCCCCGG	Hs.401013	4859	3.5721625	1.77214481	0.003666019	0.9618875	0.51472592	0.014007306				1.071725	0.17686308	0.001209201	1.014933333	0.13354484	0.005721608
IRF4	U52682_bp1399_R	AGCTAAAAAGGGGCTACGATTTACCAGAACTCTCTTGAAGTTCTGGTAAATCGTAGCCCCGG	Hs.401013	10235	0.8894125	0.30630813	0.00382718	0.7677125	0.44363383	0.021566468				1.0516	0.14795308	0.000754254	0.8495	0.59277529	0.064250923
IRF4	U52682_bp1399_R	AGCTAAAAAGGGGCTACGATTTACCAGAACTCTCTTGAAGTTCTGGTAAATCGTAGCCCCGG	Hs.401013	15611	3.3997125	1.64326105	0.003314771	1.0016625	0.61129956	0.019287967				1.0982	0.16857966	0.000976377	1.121666667	0.17223616	0.007768125
IRF4	U52682_bp346_R	AGCTAAAAAGGGCACTGTTTAAAGGAAAGTTCTCTTGAAACTTTCCTTTAAACAGTGCCCGG	Hs.401013	4861	0.5732125	0.16770844	0.010653074	0.4887375	0.42385906	0.078931598				0.95815	0.47912153	0.028015577	0.650025	0.56508827	0.104929268
IRF4	U52682_bp346_R	AGCTAAAAAGGGCACTGTTTAAAGGAAAGTTCTCTTGAAACTTTCCTTTAAACAGTGCCCGG	Hs.401013	10237	0.4133625	0.09572827	0.027578533	0.3365875	0.26403581	0.108076196				1.0293	0.41909733	0.016159124	0.61145	0.46209771	0.077230728
IRF4	U52682_bp346_R	AGCTAAAAAGGGCACTGTTTAAAGGAAAGTTCTCTTGAAACTTTCCTTTAAACAGTGCCCGG	Hs.401013	15613	0.6094125	0.21133192	0.010426554	0.5347375	0.62664673	0.12751292				1.03625	0.37477852	0.011652226	0.6226	0.51398671	0.093947342
AAK1	NM_014911_bp1115_R	AGCTAAAAAGGCTCTTGGATGTTTGTTGTATCTCTTGAATACAACAAACATCCAAGAGCCGG	Hs.552584	12378	1.439775	3.41644116	0.327430104	0.302233333	1.14756909	0.602257565									
AAK1	NM_014911_bp1115_R	AGCTAAAAAGGCTCTTGGATGTTTGTTGTATCTCTTGAATACAACAAACATCCAAGAGCCGG	Hs.552584	1626	1.0599	1.90664273	0.282140933	0.5524											
AAK1	NM_014911_bp1115_R	AGCTAAAAAGGCTCTTGGATGTTTGTTGTATCTCTTGAATACAACAAACATCCAAGAGCCGG	Hs.552584	7002	1.56515	1.50394541	0.09671128	0.1206											
AAK1	NM_014911_bp1295_R	AGCTAAAAAGGTGTCCTACTTCTCATTTAATCTCTTGAATTAAATGAGAAGTAGGACACCGG	Hs.552584	499	-0.1542	0.32911035	0.434082589	-0.1203	0.13097515	0.541988919									
AAK1	NM_014911_bp1295_R	AGCTAAAAAGGTGTCCTACTTCTCATTTAATCTCTTGAATTAAATGAGAAGTAGGACACCGG	Hs.552584	5875	-0.16085	0.55647758	0.549839197	0.0524	0.26375083	0.861720314									
AAK1	NM_014911_bp1295_R	AGCTAAAAAGGTGTCCTACTTCTCATTTAATCTCTTGAATTAAATGAGAAGTAGGACACCGG	Hs.552584	11251	-0.06025	0.39631562	0.775881289	-0.2884	0.1134844	0.186914222									
AAK1	NM_014911_bp2563_R	AGCTAAAAAGAGGCTCAGCTGAGAGTTTGATCTCTTGAATCAAACTCTCAGCTGAGCCTCGG	Hs.552584	500	-0.14675	3.05433883	0.912569634	2.8269											
AAK1	NM_014911_bp2563_R	AGCTAAAAAGAGGCTCAGCTGAGAGTTTGATCTCTTGAATCAAACTCTCAGCTGAGCCTCGG	Hs.552584	5876	-0.334375	5.5873103	0.892992356	2.8619											
AAK1	NM_014911_bp2563_R	AGCTAAAAAGAGGCTCAGCTGAGAGTTTGATCTCTTGAATCAAACTCTCAGCTGAGCCTCGG	Hs.552584	11252	0.037475	5.7508641	0.988290208	2.9124											
AATK	XM_375495_bp14_R	AGCTAAAAAGCTACCTGATTGCACGCTGTATCTCTTGAATACAGCGTGCAATCAGGTAGCGG	Hs.514575	2074	-0.5706	0.81939534	0.256496033	-1.046433333	0.794165	0.061698694									
AATK	XM_375495_bp14_R	AGCTAAAAAGCTACCTGATTGCACGCTGTATCTCTTGAATACAGCGTGCAATCAGGTAGCGG	Hs.514575	7450	-0.9501	0.93125963	0.122811263	-0.5767	0.61193021	0.232053123									
AATK	XM_375495_bp14_R	AGCTAAAAAGCTACCTGATTGCACGCTGTATCTCTTGAATACAGCGTGCAATCAGGTAGCGG	Hs.514575	12826	-0.9669			-0.2178	0.60302066	0.599769807									
AATK	XM_375495_bp144_R	AGCTAAAAAGTGGCAGGAGTTTGAGAATGCTCTCTTGAAGCATTCTCAAACTCCTGCCACGG	Hs.514575	12828	3.515566667	0.97856712	0.001222126												
AATK	XM_375495_bp144_R	AGCTAAAAAGTGGCAGGAGTTTGAGAATGCTCTCTTGAAGCATTCTCAAACTCCTGCCACGG	Hs.514575	7452															
ABC1	BX640831_bp3266_R	AGCTAAAAAGGACCTCCCTTGTATGAAAGATCTCTTGAATCTTTCATACAAGGGAGGTCCGG	Hs.591183	4354	0.40705	0.60371624	0.187533489	-0.4655	1.13719264	0.383121855	0.686466667	1.20422699	0.220474155						
ABC1	BX640831_bp3266_R	AGCTAAAAAGGACCTCCCTTGTATGAAAGATCTCTTGAATCTTTCATACAAGGGAGGTCCGG	Hs.591183	9730	0.260475	0.53101604	0.332003489	-0.59225	0.74327422	0.138973718	0.3347	1.40536394	0.573790138						
ABC1	BX640831_bp3266_R	AGCTAAAAAGGACCTCCCTTGTATGAAAGATCTCTTGAATCTTTCATACAAGGGAGGTCCGG	Hs.591183	15106	0.133975	0.39648367	0.533663874	0.082666667	0.50782655	0.783556443	0.263366667	0.81352624	0.510172638						
ABC1	BX640831_bp750_R	AGCTAAAAAGGTGGGAGAATGAAACTAACATCTCTTGAATGTTAGTTTCATTCTCCCACCGG	Hs.591183	4352	0.7071	0.87030283	0.106927093	0.908925	0.47031839	0.013645046	-0.22053333	0.37957457	0.443880404						
ABC1	BX640831_bp750_R	AGCTAAAAAGGTGGGAGAATGAAACTAACATCTCTTGAATGTTAGTTTCATTCTCCCACCGG	Hs.591183	9728	1.286933333	0.09256524	0.001646517	0.840075	0.72160058	0.052766182	-0.89426667	0.46315372	0.024371585						
ABC1	BX640831_bp750_R	AGCTAAAAAGGTGGGAGAATGAAACTAACATCTCTTGAATGTTAGTTTCATTCTCCCACCGG	Hs.591183	15104	1.417975	1.00901347	0.018150997	1.136575	0.69077259	0.017509318	-0.3333	0.12628927	0.347134428						
ABCA1	NM_005502_bp4034_R	AGCTAAAAAGAGACGACCCTGGAAGAAATATCTCTTGAATATTTCTTCCAGGGTCGTCTCGG	Hs.429294	1498	-0.4973	0.13453856	0.025423558				-0.9468875	0.22796621	0.003639758						
ABCA1	NM_005502_bp4034_R	AGCTAAAAAGAGACGACCCTGGAAGAAATATCTCTTGAATATTTCTTCCAGGGTCGTCTCGG	Hs.429294	6874	-0.5091	0.17322769	0.027481899				-0.9107375	0.23508486	0.004567865						
ABCA1	NM_005502_bp4034_R	AGCTAAAAAGAGACGACCCTGGAAGAAATATCTCTTGAATATTTCTTCCAGGGTCGTCTCGG	Hs.429294	12250	-0.4749	0.12795344	0.03058034				-0.9970875	0.16333548	0.002262426						
ABCA1	NM_005502_bp5943_R	AGCTAAAAAGGCCCAGACCTGTAAATGCAATCTCTTGAATTGCATTTACAGGTCTGGGCCGG	Hs.429294	2612	-0.332975	0.32883892	0.180459293				0.0084125	0.36307952	0.823288698						
ABCA1	NM_005502_bp5943_R	AGCTAAAAAGGCCCAGACCTGTAAATGCAATCTCTTGAATTGCATTTACAGGTCTGGGCCGG	Hs.429294	7988	-0.370925	0.24587654	0.103567063				-0.1358875	0.47344583	0.716476512						
ABCA1	NM_005502_bp5943_R	AGCTAAAAAGGCCCAGACCTGTAAATGCAATCTCTTGAATTGCATTTACAGGTCTGGGCCGG	Hs.429294	13364	-0.4459	0.44058585	0.122012099				0.0148875	0.53764651	0.831513775						
ABCA1	NM_005502_bp6593_R	AGCTAAAAAGGGAGATCAGTAGTGCTTACATCTCTTGAATGTAAGCACTACTGATCTCCCGG	Hs.429294	2614	-2.085175	0.34682923	0.000127079				-1.4636125	1.35769146	0.030954805						
ABCA1	NM_005502_bp6593_R	AGCTAAAAAGGGAGATCAGTAGTGCTTACATCTCTTGAATGTAAGCACTACTGATCTCCCGG	Hs.429294	7990	-2.07885	0.33051493	0.000110363				-1.4864625	1.29825771	0.025115726						
ABCA1	NM_005502_bp6593_R	AGCTAAAAAGGGAGATCAGTAGTGCTTACATCTCTTGAATGTAAGCACTACTGATCTCCCGG	Hs.429294	13366	-2.0299	0.3202215	0.000118699				-1.4746125	1.30919752	0.02667579						
ABCA10	NM_080282_bp2920_R	AGCTAAAAAGACCAGGGCATAAGGAATTATTCTCTTGAAATAATTCCTTATGCCCTGGTCGG	Hs.25377	2564	-0.646525	0.42375034	0.035641692				-0.4149375	0.39603359	0.151171208						
ABCA10	NM_080282_bp2920_R	AGCTAAAAAGACCAGGGCATAAGGAATTATTCTCTTGAAATAATTCCTTATGCCCTGGTCGG	Hs.25377	7940	-0.7399	0.36205829	0.015353917				-0.3771875	0.49276106	0.226701404						
ABCA10	NM_080282_bp2920_R	AGCTAAAAAGACCAGGGCATAAGGAATTATTCTCTTGAAATAATTCCTTATGCCCTGGTCGG	Hs.25377	13316	-0.593075	0.59016968	0.092867704				-0.5856875	0.59362928	0.095170706						
ABCA10	NM_080282_bp3154_R	AGCTAAAAAGTGGCAACACTTCGCTTCTTATCTCTTGAATAAGAAGCGAAGTGTTGCCACGG	Hs.25377	1471	0.47465	0.78021027	0.172271483				-0.50005	1.80417936	0.536074442						
ABCA10	NM_080282_bp3154_R	AGCTAAAAAGTGGCAACACTTCGCTTCTTATCTCTTGAATAAGAAGCGAAGTGTTGCCACGG	Hs.25377	6847	0.50985	0.80958237	0.161572029				-0.57621667	1.88258033	0.489499202						
ABCA10	NM_080282_bp3154_R	AGCTAAAAAGTGGCAACACTTCGCTTCTTATCTCTTGAATAAGAAGCGAAGTGTTGCCACGG	Hs.25377	12223	0.460675	0.83595108	0.203836291				-0.48168333	1.62861626	0.516495429						
ABCA10	NM_080282_bp3943_R	AGCTAAAAAGGTTGTGCAGTTTCTCTTATATCTCTTGAATATAAGAGAAACTGCACAACCGG	Hs.25377	1472	-1.140375	0.16340486	0.000607602				-0.5879125	0.15553786	0.027283063						
ABCA10	NM_080282_bp3943_R	AGCTAAAAAGGTTGTGCAGTTTCTCTTATATCTCTTGAATATAAGAGAAACTGCACAACCGG	Hs.25377	12224	-1.090625	0.1442868	0.000657284				-0.5360125	0.1853897	0.04172062						
ABCA10	NM_080282_bp3943_R	AGCTAAAAAGGTTGTGCAGTTTCTCTTATATCTCTTGAATATAAGAGAAACTGCACAACCGG	Hs.25377	6848	-1.0935	0.1999174	0.000912823				-0.61745	0.04495573	0.052050488						
ABCA12	NM_173076_bp4495_R	AGCTAAAAAGCACGACGTCTTGTTCAGTTATCTCTTGAATAACTGAACAAGACGTCGTGCGG	Hs.134585	2562	-0.148266667	0.29255069	0.722356312				-0.5244125	0.51386721	0.106784091						
ABCA12	NM_173076_bp4495_R	AGCTAAAAAGCACGACGTCTTGTTCAGTTATCTCTTGAATAACTGAACAAGACGTCGTGCGG	Hs.134585	7938	-0.148233333	0.33250801	0.732339704				-0.5572625	0.54657424	0.097267019						
ABCA12	NM_173076_bp4495_R	AGCTAAAAAGCACGACGTCTTGTTCAGTTATCTCTTGAATAACTGAACAAGACGTCGTGCGG	Hs.134585	13314	-0.200466667	0.25484472	0.53958737				-0.5096125	0.50745081	0.113814628						
ABCA12	NM_173076_bp5057_R	AGCTAAAAAGGGGGAGAGCTTGTTTATGTATCTCTTGAATACATAAACAAGCTCTCCCCCGG	Hs.134585	2560	-1.1034	0.19480792	0.026422398				-0.6460625	0.13537535	0.017370152						
ABCA12	NM_173076_bp5057_R	AGCTAAAAAGGGGGAGAGCTTGTTTATGTATCTCTTGAATACATAAACAAGCTCTCCCCCGG	Hs.134585	7936	-0.97585	0.4211528	0.055813731				-0.5823125	0.32743388	0.043570492						
ABCA12	NM_173076_bp5057_R	AGCTAAAAAGGGGGAGAGCTTGTTTATGTATCTCTTGAATACATAAACAAGCTCTCCCCCGG	Hs.134585	13312	-1.1223	0.45650421	0.012817929				-0.5482125	0.22205047	0.041069967						
ABCA12	NM_173076_bp7953_R	AGCTAAAAAGCAGCCAAGGTTCCACTATAATCTCTTGAATTATAGTGGAACCTTGGCTGCGG	Hs.134585	1470	-1.55895	0.26780396	0.000336301				-0.3735625	0.58962701	0.274486626						
ABCA12	NM_173076_bp7953_R	AGCTAAAAAGCAGCCAAGGTTCCACTATAATCTCTTGAATTATAGTGGAACCTTGGCTGCGG	Hs.134585	6846	-1.429625	0.4283378	0.001528097				-0.2049875	0.60750002	0.581888231						
ABCA12	NM_173076_bp7953_R	AGCTAAAAAGCAGCCAAGGTTCCACTATAATCTCTTGAATTATAGTGGAACCTTGGCTGCGG	Hs.134585	12222	-1.23955	0.20866814	0.000669387				-0.0965125	0.36988903	0.816531676						
ABCA2	NM_001606_bp1390_R	AGCTAAAAAGCCCATCTTGTGTGGCAACAATCTCTTGAATTGTTGCCACACAAGATGGGCGG	Hs.421202	1496	-1.01485	0.03436539	0.028792845				0.528225	0.42599648	0.174175126						
ABCA2	NM_001606_bp1390_R	AGCTAAAAAGCCCATCTTGTGTGGCAACAATCTCTTGAATTGTTGCCACACAAGATGGGCGG	Hs.421202	6872	-1.0552	0.19113096	0.029034178				0.524375	0.30840462	0.160583948						
ABCA2	NM_001606_bp1390_R	AGCTAAAAAGCCCATCTTGTGTGGCAACAATCTCTTGAATTGTTGCCACACAAGATGGGCGG	Hs.421202	12248	-0.966	0.28758033	0.042968246				0.614525	0.396298	0.126213414						
ABCA2	NM_001606_bp1595_R	AGCTAAAAAGTGGGCAACGTGACTCACTATTCTCTTGAAATAGTGAGTCACGTTGCCCACGG	Hs.421202	1497	1.005675	0.38019977	0.002623068				0.1863125	0.26587973	0.30035567						
ABCA2	NM_001606_bp1595_R	AGCTAAAAAGTGGGCAACGTGACTCACTATTCTCTTGAAATAGTGAGTCACGTTGCCCACGG	Hs.421202	6873	0.920175	0.37506823	0.003668053				0.2927375	0.36314064	0.17737012						
ABCA2	NM_001606_bp1595_R	AGCTAAAAAGTGGGCAACGTGACTCACTATTCTCTTGAAATAGTGAGTCACGTTGCCCACGG	Hs.421202	12249	0.8171	0.39858882	0.00690001				0.3588125	0.49790016	0.158313144						
ABCA2	NM_001606_bp3476_R	AGCTAAAAAGACCTGGAGCTCTCCAACAAATCTCTTGAATTTGTTGGAGAGCTCCAGGTCGG	Hs.421202	2610							1.9892								
ABCA2	NM_001606_bp3476_R	AGCTAAAAAGACCTGGAGCTCTCCAACAAATCTCTTGAATTTGTTGGAGAGCTCCAGGTCGG	Hs.421202	7986							2.0137								
ABCA2	NM_001606_bp3476_R	AGCTAAAAAGACCTGGAGCTCTCCAACAAATCTCTTGAATTTGTTGGAGAGCTCCAGGTCGG	Hs.421202	13362							3.7908								
ABCA3	NM_001089_bp1528_R	AGCTAAAAAGACCCTGCTCTTCTGTGTCAATCTCTTGAATTGACACAGAAGAGCAGGGTCGG	Hs.26630	2608	-1.016775	0.3217884	0.002593803				0.087083333	0.46171599	0.667617406						
ABCA3	NM_001089_bp1528_R	AGCTAAAAAGACCCTGCTCTTCTGTGTCAATCTCTTGAATTGACACAGAAGAGCAGGGTCGG	Hs.26630	7984	-1.021425	0.29841714	0.002202067				0.146616667	0.34067138	0.499828225						
ABCA3	NM_001089_bp1528_R	AGCTAAAAAGACCCTGCTCTTCTGTGTCAATCTCTTGAATTGACACAGAAGAGCAGGGTCGG	Hs.26630	13360	-0.97945	0.30182428	0.002768356				0.06875	0.35292518	0.68966979						
ABCA3	NM_001089_bp5097_R	AGCTAAAAAGGACGTACAGTGGTGGTAACATCTCTTGAATGTTACCACCACTGTACGTCCGG	Hs.26630	13358	-0.29875						0.2886								
ABCA3	NM_001089_bp852_R	AGCTAAAAAGCAGGGCACTTGTGATCAACATCTCTTGAATGTTGATCACAAGTGCCCTGCGG	Hs.26630	1495	1.2882	0.52687836	0.003050326				0.807616667	1.1326877	0.128414011						
ABCA3	NM_001089_bp852_R	AGCTAAAAAGCAGGGCACTTGTGATCAACATCTCTTGAATGTTGATCACAAGTGCCCTGCGG	Hs.26630	6871	1.254575	0.5291575	0.003471272				0.868116667	1.16062546	0.113836816						
ABCA3	NM_001089_bp852_R	AGCTAAAAAGCAGGGCACTTGTGATCAACATCTCTTGAATGTTGATCACAAGTGCCCTGCGG	Hs.26630	12247	1.283325	0.4931127	0.00255513				0.6116125	1.05528085	0.162316525						
ABCA4	NM_000350_bp171_R	AGCTAAAAAGTGGCCTTTATCTTTATTTCTTCTCTTGAAAGAAATAAAGATAAAGGCCACGG	Hs.416707	2604	-1.046775	0.21949724	0.001594358				-0.2447125	0.65750502	0.515487603						
ABCA4	NM_000350_bp171_R	AGCTAAAAAGTGGCCTTTATCTTTATTTCTTCTCTTGAAAGAAATAAAGATAAAGGCCACGG	Hs.416707	7980	-0.900275	0.40497354	0.009085245				-0.5459375	0.88543778	0.211391988						
ABCA4	NM_000350_bp171_R	AGCTAAAAAGTGGCCTTTATCTTTATTTCTTCTCTTGAAAGAAATAAAGATAAAGGCCACGG	Hs.416707	13356	-0.684466667	0.12801885	0.023767571				-0.3598875	0.7998917	0.378454999						
ABCA4	NM_000350_bp2870_R	AGCTAAAAAGCGTGAAGAATCTGGTAAAGATCTCTTGAATCTTTACCAGATTCTTCACGCGG	Hs.416707	2602	-0.593025	0.13679898	0.012513494				-0.3265375	0.50944376	0.307614636						
ABCA4	NM_000350_bp2870_R	AGCTAAAAAGCGTGAAGAATCTGGTAAAGATCTCTTGAATCTTTACCAGATTCTTCACGCGG	Hs.416707	7978	-0.5878	0.1342521	0.012497255				-0.3492625	0.47432128	0.258907221						
ABCA4	NM_000350_bp2870_R	AGCTAAAAAGCGTGAAGAATCTGGTAAAGATCTCTTGAATCTTTACCAGATTCTTCACGCGG	Hs.416707	13354	-0.581375	0.10990992	0.012232795				-0.3905625	0.49769724	0.215802631						
ABCA4	NM_000350_bp6228_R	AGCTAAAAAGGTTGCAAACTGGAGTATTAATCTCTTGAATTAATACTCCAGTTTGCAACCGG	Hs.416707	1494	1.4044	0.7606783	0.006638515				0.3718625	0.80645533	0.26357803						
ABCA4	NM_000350_bp6228_R	AGCTAAAAAGGTTGCAAACTGGAGTATTAATCTCTTGAATTAATACTCCAGTTTGCAACCGG	Hs.416707	6870	1.3798	0.75975419	0.007084766				0.4591375	1.01542318	0.256065888						
ABCA4	NM_000350_bp6228_R	AGCTAAAAAGGTTGCAAACTGGAGTATTAATCTCTTGAATTAATACTCCAGTTTGCAACCGG	Hs.416707	12246	1.4053	0.64773701	0.003838565				0.5086875	0.89713605	0.180055624						
ABCA5	NM_018672_bp2242_R	AGCTAAAAAGGCCTTATGATAATCCTCATATCTCTTGAATATGAGGATTATCATAAGGCCGG	Hs.421474	1492	0.0204	0.46558377	0.744270812				0.5576625	0.53105765	0.058729925						
ABCA5	NM_018672_bp2242_R	AGCTAAAAAGGCCTTATGATAATCCTCATATCTCTTGAATATGAGGATTATCATAAGGCCGG	Hs.421474	6868	-0.156725	0.65236557	0.734448972				0.8034875	0.58053831	0.01995568						
ABCA5	NM_018672_bp2242_R	AGCTAAAAAGGCCTTATGATAATCCTCATATCTCTTGAATATGAGGATTATCATAAGGCCGG	Hs.421474	12244	0.169175	0.68100885	0.482189213				0.4683375	0.53395642	0.09611064						
ABCA5	NM_018672_bp2393_R	AGCTAAAAAGCCCATATCCTCTAATTATTATCTCTTGAATAATAATTAGAGGATATGGGCGG	Hs.421474	1491	-1.135675	0.3890615	0.003177267				-0.5329125	0.60026664	0.124742494						
ABCA5	NM_018672_bp2393_R	AGCTAAAAAGCCCATATCCTCTAATTATTATCTCTTGAATAATAATTAGAGGATATGGGCGG	Hs.421474	6867	-1.16625	0.43824625	0.003837728				-0.5243125	0.55887383	0.117915229						
ABCA5	NM_018672_bp2393_R	AGCTAAAAAGCCCATATCCTCTAATTATTATCTCTTGAATAATAATTAGAGGATATGGGCGG	Hs.421474	12243	-1.11525	0.41508585	0.004083402				-0.4715625	0.42566854	0.114008138						
ABCA5	NM_018672_bp2842_R	AGCTAAAAAGGACACAGAGTCTCAGAAATATCTCTTGAATATTTCTGAGACTCTGTGTCCGG	Hs.421474	1493	1.336925	0.34931045	0.000539241				-0.2736375	0.46462162	0.379873849						
ABCA5	NM_018672_bp2842_R	AGCTAAAAAGGACACAGAGTCTCAGAAATATCTCTTGAATATTTCTGAGACTCTGTGTCCGG	Hs.421474	6869	1.2617	0.41392807	0.001088307				-0.2128625	0.4318666	0.498327068						
ABCA5	NM_018672_bp2842_R	AGCTAAAAAGGACACAGAGTCTCAGAAATATCTCTTGAATATTTCTGAGACTCTGTGTCCGG	Hs.421474	12245	1.298675	0.4431769	0.001169272				-0.2739625	0.41644406	0.358443893						
ABCA6	NM_080284_bp2701_R	AGCTAAAAAGCTCCGTTTCTTAAAGTTAAATCTCTTGAATTTAACTTTAAGAAACGGAGCGG	Hs.195395	2598	-1.2529	0.08042206	0.000306972				-0.4800125	0.30215979	0.080630616						
ABCA6	NM_080284_bp2701_R	AGCTAAAAAGCTCCGTTTCTTAAAGTTAAATCTCTTGAATTTAACTTTAAGAAACGGAGCGG	Hs.195395	7974	-1.211975	0.08292459	0.000370162				-0.4946125	0.3125874	0.075114874						
ABCA6	NM_080284_bp2701_R	AGCTAAAAAGCTCCGTTTCTTAAAGTTAAATCTCTTGAATTTAACTTTAAGAAACGGAGCGG	Hs.195395	13350	-1.2173	0.08367101	0.000359679				-0.5297125	0.32650719	0.062007297						
ABCA6	NM_080284_bp3327_R	AGCTAAAAAGCCTCTACACTTCTGCTTACTTCTCTTGAAAGTAAGCAGAAGTGTAGAGGCGG	Hs.195395	1490	-0.754375	0.34833211	0.015380437				-0.1377875	0.44185454	0.704649278						
ABCA6	NM_080284_bp3327_R	AGCTAAAAAGCCTCTACACTTCTGCTTACTTCTCTTGAAAGTAAGCAGAAGTGTAGAGGCGG	Hs.195395	6866	-0.725575	0.17895093	0.007165026				-0.3660125	0.18530922	0.142499769						
ABCA6	NM_080284_bp3327_R	AGCTAAAAAGCCTCTACACTTCTGCTTACTTCTCTTGAAAGTAAGCAGAAGTGTAGAGGCGG	Hs.195395	12242	-0.677175	0.3486805	0.024780929				-0.3146375	0.5553247	0.345432157						
ABCA6	NM_080284_bp4196_R	AGCTAAAAAGCTGGAGAGGTGGAACTGAAATCTCTTGAATTTCAGTTCCACCTCTCCAGCGG	Hs.195395	13352							0.210125	0.89410117	0.60076418						
ABCA6	NM_080284_bp4196_R	AGCTAAAAAGCTGGAGAGGTGGAACTGAAATCTCTTGAATTTCAGTTCCACCTCTCCAGCGG	Hs.195395	2600															
ABCA6	NM_080284_bp4196_R	AGCTAAAAAGCTGGAGAGGTGGAACTGAAATCTCTTGAATTTCAGTTCCACCTCTCCAGCGG	Hs.195395	7976															
ABCA7	NM_019112_bp2811_R	AGCTAAAAAGACGAGCACGTCTGGTTCTATTCTCTTGAAATAGAACCAGACGTGCTCGTCGG	Hs.134514	2596	-0.3686	0.52851002	0.238605691				1.0691625	0.91034005	0.023058145						
ABCA7	NM_019112_bp2811_R	AGCTAAAAAGACGAGCACGTCTGGTTCTATTCTCTTGAAATAGAACCAGACGTGCTCGTCGG	Hs.134514	7972	-0.328025	0.52018598	0.290965539				1.1399625	0.69096961	0.007806732						
ABCA7	NM_019112_bp2811_R	AGCTAAAAAGACGAGCACGTCTGGTTCTATTCTCTTGAAATAGAACCAGACGTGCTCGTCGG	Hs.134514	13348	-0.32605	0.54159782	0.307982191				1.0370125	0.93668535	0.028106176						
ABCA7	NM_019112_bp5063_R	AGCTAAAAAGGTGCTCACCTGCATAAACCTTCTCTTGAAAGGTTTATGCAGGTGAGCACCGG	Hs.134514	1476	-0.24135	0.35143207	0.610762568				0.5505125	0.66668599	0.089260361						
ABCA7	NM_019112_bp5063_R	AGCTAAAAAGGTGCTCACCTGCATAAACCTTCTCTTGAAAGGTTTATGCAGGTGAGCACCGG	Hs.134514	6852	-0.06925	0.29175226	0.959388021				0.5444375	0.6023998	0.077153874						
ABCA7	NM_019112_bp5063_R	AGCTAAAAAGGTGCTCACCTGCATAAACCTTCTCTTGAAAGGTTTATGCAGGTGAGCACCGG	Hs.134514	12228	-0.1476	0.38049416	0.837285364				0.5476875	0.62944785	0.081803156						
ABCA7	NM_019112_bp6398_R	AGCTAAAAAGGAGGTATTCTTGTACTTCTCTCTCTTGAAGAGAAGTACAAGAATACCTCCGG	Hs.134514	1489	0.5652	0.65672691	0.072422708				0.7751375	0.92002502	0.069026447						
ABCA7	NM_019112_bp6398_R	AGCTAAAAAGGAGGTATTCTTGTACTTCTCTCTCTTGAAGAGAAGTACAAGAATACCTCCGG	Hs.134514	6865	0.5364	0.68561063	0.090972467				0.7638125	0.90212853	0.068854309						
ABCA7	NM_019112_bp6398_R	AGCTAAAAAGGAGGTATTCTTGTACTTCTCTCTCTTGAAGAGAAGTACAAGAATACCTCCGG	Hs.134514	12241	0.561775	0.68581145	0.08123622				0.7080875	0.9130596	0.087320155						
ABCA8	NM_007168_bp2609_R	AGCTAAAAAGGTTCGCTTGTTAAAGTTAAATCTCTTGAATTTAACTTTAACAAGCGAACCGG	Hs.58351	2594	-1.266875	0.09761841	0.000321445				-0.3722375	0.22809416	0.14369914						
ABCA8	NM_007168_bp2609_R	AGCTAAAAAGGTTCGCTTGTTAAAGTTAAATCTCTTGAATTTAACTTTAACAAGCGAACCGG	Hs.58351	7970	-1.26055	0.08350153	0.000310816				-0.3969375	0.21257722	0.117331138						
ABCA8	NM_007168_bp2609_R	AGCTAAAAAGGTTCGCTTGTTAAAGTTAAATCTCTTGAATTTAACTTTAACAAGCGAACCGG	Hs.58351	13346	-1.310325	0.06441315	0.000233556				-0.3353625	0.24060237	0.189592597						
ABCA8	NM_007168_bp3184_R	AGCTAAAAAGCAGCATCGATGATTATAAGATCTCTTGAATCTTATAATCATCGATGCTGCGG	Hs.58351	12226							0.06565	0.60385997	0.743413353						
ABCA8	NM_007168_bp3184_R	AGCTAAAAAGCAGCATCGATGATTATAAGATCTCTTGAATCTTATAATCATCGATGCTGCGG	Hs.58351	1474							0.087325	0.69250503	0.758292096						
ABCA8	NM_007168_bp3184_R	AGCTAAAAAGCAGCATCGATGATTATAAGATCTCTTGAATCTTATAATCATCGATGCTGCGG	Hs.58351	6850							0.100575	0.69837401	0.735463254						
ABCA8	NM_007168_bp4089_R	AGCTAAAAAGCTGGACAAGTGCTACTGAAATCTCTTGAATTTCAGTAGCACTTGTCCAGCGG	Hs.58351	1475	-1.012775	0.22509035	0.001967417				0.0522	0.33170727	0.732785293						
ABCA8	NM_007168_bp4089_R	AGCTAAAAAGCTGGACAAGTGCTACTGAAATCTCTTGAATTTCAGTAGCACTTGTCCAGCGG	Hs.58351	6851	-0.9821	0.1965333	0.001859204				0.2617875	0.18377794	0.160883385						
ABCA8	NM_007168_bp4089_R	AGCTAAAAAGCTGGACAAGTGCTACTGAAATCTCTTGAATTTCAGTAGCACTTGTCCAGCGG	Hs.58351	12227	-0.887	0.22911183	0.00378946				-0.1585375	0.42110196	0.634648149						
ABCA9	NM_080283_bp1074_R	AGCTAAAAAGGCCTGTCTTTGATAACTTTATCTCTTGAATAAAGTTATCAAAGACAGGCCGG	Hs.131686	1473	-1.290325	0.32010698	0.001187702				-0.5461125	0.341391	0.057315763						
ABCA9	NM_080283_bp1074_R	AGCTAAAAAGGCCTGTCTTTGATAACTTTATCTCTTGAATAAAGTTATCAAAGACAGGCCGG	Hs.131686	6849	-1.34705	0.27674581	0.000650053				-0.6177125	0.42781204	0.048865766						
ABCA9	NM_080283_bp1074_R	AGCTAAAAAGGCCTGTCTTTGATAACTTTATCTCTTGAATAAAGTTATCAAAGACAGGCCGG	Hs.131686	12225	-1.274975	0.28477704	0.000969623				-0.6584125	0.49474847	0.047662431						
ABCA9	NM_080283_bp1647_R	AGCTAAAAAGGTGTGGTGTTTGACATATATTCTCTTGAAATATATGTCAAACACCACACCGG	Hs.131686	2566	0.2154	0.33212828	0.210840352				0.1547125	0.24104359	0.357597018						
ABCA9	NM_080283_bp1647_R	AGCTAAAAAGGTGTGGTGTTTGACATATATTCTCTTGAAATATATGTCAAACACCACACCGG	Hs.131686	7942	0.246975	0.32919873	0.16876383				0.1642125	0.24887869	0.338726925						
ABCA9	NM_080283_bp1647_R	AGCTAAAAAGGTGTGGTGTTTGACATATATTCTCTTGAAATATATGTCAAACACCACACCGG	Hs.131686	13318	0.23725	0.26821401	0.148039237				0.2056625	0.2110441	0.247163131						
ABCA9	NM_080283_bp3322_R	AGCTAAAAAGCCTCTACCCTTCTGCATACTTCTCTTGAAAGTATGCAGAAGGGTAGAGGCGG	Hs.131686	2568	-1.30365	0.1706773	0.00035482				-0.1333625	0.42093546	0.708948049						
ABCA9	NM_080283_bp3322_R	AGCTAAAAAGCCTCTACCCTTCTGCATACTTCTCTTGAAAGTATGCAGAAGGGTAGAGGCGG	Hs.131686	7944	-1.449925	0.14734951	0.000181242				-0.1513375	0.41420759	0.653280166						
ABCA9	NM_080283_bp3322_R	AGCTAAAAAGCCTCTACCCTTCTGCATACTTCTCTTGAAAGTATGCAGAAGGGTAGAGGCGG	Hs.131686	13320	-1.4156	0.14053364	0.000198804				-0.1921875	0.51301243	0.57624361						
ABCB1	NM_000927_bp1319_R	AGCTAAAAAGCTGCTTTCCTGCTGATCTATTCTCTTGAAATAGATCAGCAGGAAAGCAGCGG	Hs.489033	1469	-1.6045	0.25488126	0.000203393				-0.0375125	0.46895946	0.983432793						
ABCB1	NM_000927_bp1319_R	AGCTAAAAAGCTGCTTTCCTGCTGATCTATTCTCTTGAAATAGATCAGCAGGAAAGCAGCGG	Hs.489033	6845	-1.66315	0.22192124	0.000133936				-0.0593375	0.60587303	0.954770436						
ABCB1	NM_000927_bp1319_R	AGCTAAAAAGCTGCTTTCCTGCTGATCTATTCTCTTGAAATAGATCAGCAGGAAAGCAGCGG	Hs.489033	12221	-1.614625	0.26029692	0.000209899				-0.0669125	0.43414995	0.922220532						
ABCB1	NM_000927_bp2907_R	AGCTAAAAAGTTCCAGGCTTGCTGTAATTATCTCTTGAATAATTACAGCAAGCCTGGAACGG	Hs.489033	2558	-1.246775	0.14057178	0.0003713				-0.4473375	0.37580415	0.118149486						
ABCB1	NM_000927_bp2907_R	AGCTAAAAAGTTCCAGGCTTGCTGTAATTATCTCTTGAATAATTACAGCAAGCCTGGAACGG	Hs.489033	7934	-1.18145	0.16190738	0.000562546				-0.4440625	0.38668049	0.123917565						
ABCB1	NM_000927_bp2907_R	AGCTAAAAAGTTCCAGGCTTGCTGTAATTATCTCTTGAATAATTACAGCAAGCCTGGAACGG	Hs.489033	13310	-1.22195	0.14201238	0.000428993				-0.4055625	0.33921302	0.14208036						
ABCB1	NM_000927_bp800_R	AGCTAAAAAGCTGCTTACATTCAGGTTTCATCTCTTGAATGAAACCTGAATGTAAGCAGCGG	Hs.489033	2556	-0.465575	0.13400607	0.036137825				-0.3234875	0.48003975	0.298513768						

ABCB1	NM_000927_bp800_R	AGCTAAAAAGCTGCTTACATTCAGGTTTCATCTCTTGAATGAAACCTGAATGTAAGCAGCGG	Hs.489033	7932	-0.5082	0.17970026	0.074553093	-0.0674875	0.33118003	0.912329164
ABCB1	NM_000927_bp800_R	AGCTAAAAAGCTGCTTACATTCAGGTTTCATCTCTTGAATGAAACCTGAATGTAAGCAGCGG	Hs.489033	13308	-0.6005	0.24161083	0.022448109	-0.0047375	0.52767007	0.887620401
ABCB10	NM_012089_bp1175_R	AGCTAAAAAGCCAGCAAAGTGGACCATGTATCTCTTGAATACATGGTCCACTTTGCTGGCGG	Hs.17614	1446	0.0893125	0.2759212	0.769568711	-0.531975	0.3621422	0.052783939
ABCB10	NM_012089_bp1175_R	AGCTAAAAAGCCAGCAAAGTGGACCATGTATCTCTTGAATACATGGTCCACTTTGCTGGCGG	Hs.17614	6822	0.1026375	0.25573611	0.705243234	-0.568725	0.37341024	0.043470659
ABCB10	NM_012089_bp1175_R	AGCTAAAAAGCCAGCAAAGTGGACCATGTATCTCTTGAATACATGGTCCACTTTGCTGGCGG	Hs.17614	12198	0.0428375	0.20151122	0.97383869	-0.537975	0.35914956	0.050109493
ABCB10	NM_012089_bp1481_R	AGCTAAAAAGGGGTCATCTTAAATGAGAAATCTCTTGAATTTCTCATTTAAGATGACCCCGG	Hs.17614	2502	-0.4763375	0.42082084	0.055726689	-0.250125	0.14861762	0.238369637
ABCB10	NM_012089_bp1481_R	AGCTAAAAAGGGGTCATCTTAAATGAGAAATCTCTTGAATTTCTCATTTAAGATGACCCCGG	Hs.17614	7878	-0.4140875	0.37607429	0.067249784	-0.2344	0.1755892	0.273210909
ABCB10	NM_012089_bp1481_R	AGCTAAAAAGGGGTCATCTTAAATGAGAAATCTCTTGAATTTCTCATTTAAGATGACCCCGG	Hs.17614	13254	-0.4587625	0.37509648	0.050422999	-0.187	0.27166833	0.40597756
ABCB10	NM_012089_bp1623_R	AGCTAAAAAGCCCAAGTGGTTCTGGCAAATTCTCTTGAAATTTGCCAGAACCACTTGGGCGG	Hs.17614	2504	-0.8588375	1.26353676	0.136302682	0.79545	1.69550648	0.244601114
ABCB10	NM_012089_bp1623_R	AGCTAAAAAGCCCAAGTGGTTCTGGCAAATTCTCTTGAAATTTGCCAGAACCACTTGGGCGG	Hs.17614	7880	-0.8599375	1.17560631	0.116028984	0.42845	1.07686385	0.339369448
ABCB10	NM_012089_bp1623_R	AGCTAAAAAGCCCAAGTGGTTCTGGCAAATTCTCTTGAAATTTGCCAGAACCACTTGGGCGG	Hs.17614	13256	-1.0338375	1.34942036	0.102818226	0.87605	1.51878782	0.16773682
ABCB11	NM_003742_bp1444_R	AGCTAAAAAGACCTCAACATGGTCATTAAATCTCTTGAATTTAATGACCATGTTGAGGTCGG	Hs.158316	1444	3.1429375	0.63771669	9.74E-05	0.99445	0.46646207	0.006342197
ABCB11	NM_003742_bp1444_R	AGCTAAAAAGACCTCAACATGGTCATTAAATCTCTTGAATTTAATGACCATGTTGAGGTCGG	Hs.158316	6820	3.2385375	0.76383748	0.000171198	0.981575	0.42001858	0.005463348
ABCB11	NM_003742_bp1444_R	AGCTAAAAAGACCTCAACATGGTCATTAAATCTCTTGAATTTAATGACCATGTTGAGGTCGG	Hs.158316	12196	3.0614375	0.73331904	0.000191027	0.988625	0.42187465	0.005321053
ABCB11	NM_003742_bp2099_R	AGCTAAAAAGCCAGGGAAATCAAGCTCTTATCTCTTGAATAAGAGCTTGATTTCCCTGGCGG	Hs.158316	1445	-0.2952375	0.50507112	0.21592028	-0.58965	0.63279523	0.085303563
ABCB11	NM_003742_bp2099_R	AGCTAAAAAGCCAGGGAAATCAAGCTCTTATCTCTTGAATAAGAGCTTGATTTCCCTGGCGG	Hs.158316	6821	-0.3071125	0.50301044	0.201327363	-0.560625	0.57600893	0.084095459
ABCB11	NM_003742_bp2099_R	AGCTAAAAAGCCAGGGAAATCAAGCTCTTATCTCTTGAATAAGAGCTTGATTTCCCTGGCGG	Hs.158316	12197	-0.3136875	0.5264723	0.206320265	-0.519975	0.56637309	0.101440596
ABCB11	NM_003742_bp3156_R	AGCTAAAAAGGGGCTCCATTTCAGCTATGTTCTCTTGAAACATAGCTGAAATGGAGCCCCGG	Hs.158316	1443	-0.1517875	0.34526729	0.355818637	0.25765	0.70777826	0.425223225
ABCB11	NM_003742_bp3156_R	AGCTAAAAAGGGGCTCCATTTCAGCTATGTTCTCTTGAAACATAGCTGAAATGGAGCCCCGG	Hs.158316	6819	-0.0904125	0.37175282	0.537959266	0.330425	0.51161367	0.234377912
ABCB11	NM_003742_bp3156_R	AGCTAAAAAGGGGCTCCATTTCAGCTATGTTCTCTTGAAACATAGCTGAAATGGAGCCCCGG	Hs.158316	12195	-0.1595375	0.42699261	0.391260961	0.32855	0.52389753	0.241494308
ABCB4	NM_018849_bp2728_R	AGCTAAAAAGCCAAAGAGATTGGAATTAAATCTCTTGAATTTAATTCCAATCTCTTTGGCGG	Hs.287827	1466	0.744025	0.4081198	0.012459787	-0.2966125	0.29517376	0.265534443
ABCB4	NM_018849_bp2728_R	AGCTAAAAAGCCAAAGAGATTGGAATTAAATCTCTTGAATTTAATTCCAATCTCTTTGGCGG	Hs.287827	6842	0.655875	0.44599862	0.023370022	-0.2383375	0.37400954	0.413569092
ABCB4	NM_018849_bp2728_R	AGCTAAAAAGCCAAAGAGATTGGAATTAAATCTCTTGAATTTAATTCCAATCTCTTTGGCGG	Hs.287827	12218	0.683875	0.45376881	0.021439367	-0.5082625	0.55775464	0.129403706
ABCB4	NM_018849_bp3396_R	AGCTAAAAAGGCCAACGCCTATGAGTTTATTCTCTTGAAATAAACTCATAGGCGTTGGCCGG	Hs.287827	1465	-1.507875	0.2082841	0.00021252	-0.4332375	0.43259476	0.146447969
ABCB4	NM_018849_bp3396_R	AGCTAAAAAGGCCAACGCCTATGAGTTTATTCTCTTGAAATAAACTCATAGGCGTTGGCCGG	Hs.287827	6841	-1.5256	0.19901192	0.000185544	-0.4655875	0.44700722	0.125025996
ABCB4	NM_018849_bp3396_R	AGCTAAAAAGGCCAACGCCTATGAGTTTATTCTCTTGAAATAAACTCATAGGCGTTGGCCGG	Hs.287827	12217	-1.453175	0.23765129	0.000298292	-0.4844125	0.51492631	0.132189748
ABCB4	NM_018849_bp3842_R	AGCTAAAAAGCTGGAAATCTCGCCTATTTATCTCTTGAATAAATAGGCGAGATTTCCAGCGG	Hs.287827	1452	-0.027475	0.54857365	0.907584461	-0.1028125	0.59015892	0.834793282
ABCB4	NM_018849_bp3842_R	AGCTAAAAAGCTGGAAATCTCGCCTATTTATCTCTTGAATAAATAGGCGAGATTTCCAGCGG	Hs.287827	6828	-0.080425	0.53660167	0.923581625	-0.0822375	0.58112241	0.889954394
ABCB4	NM_018849_bp3842_R	AGCTAAAAAGCTGGAAATCTCGCCTATTTATCTCTTGAATAAATAGGCGAGATTTCCAGCGG	Hs.287827	12204	-0.0085	0.61168554	0.860141167	-0.1245375	0.5602265	0.77043663
ABCB5	NM_178559_bp1932_R	AGCTAAAAAGCAGCAGGGTTTCGATTTGGATCTCTTGAATCCAAATCGAAACCCTGCTGCGG	Hs.404102	1451	-0.873475	0.44867361	0.012807488	-0.2837625	0.50371684	0.378530777
ABCB5	NM_178559_bp1932_R	AGCTAAAAAGCAGCAGGGTTTCGATTTGGATCTCTTGAATCCAAATCGAAACCCTGCTGCGG	Hs.404102	6827	-0.8725	0.4858342	0.015712872	-0.3128625	0.52440398	0.336738162
ABCB5	NM_178559_bp1932_R	AGCTAAAAAGCAGCAGGGTTTCGATTTGGATCTCTTGAATCCAAATCGAAACCCTGCTGCGG	Hs.404102	12203	-0.8689	0.46168465	0.014086231	-0.4076625	0.39958768	0.162444549
ABCB5	NM_178559_bp555_R	AGCTAAAAAGGGACCACCATCAGTAACAATTCTCTTGAAATTGTTACTGATGGTGGTCCCGG	Hs.404102	2546	0.0958	0.5400212	0.574574882	-0.3674125	0.448183	0.225726332
ABCB5	NM_178559_bp555_R	AGCTAAAAAGGGACCACCATCAGTAACAATTCTCTTGAAATTGTTACTGATGGTGGTCCCGG	Hs.404102	7922	0.094525	0.55594488	0.58433925	-0.3575625	0.40392598	0.220939459
ABCB5	NM_178559_bp555_R	AGCTAAAAAGGGACCACCATCAGTAACAATTCTCTTGAAATTGTTACTGATGGTGGTCCCGG	Hs.404102	13298	0.088625	0.54200533	0.59263451	-0.3314875	0.42647931	0.266237118
ABCB5	NM_178559_bp921_R	AGCTAAAAAGATGGAATGCTGGCGGAGAAATCTCTTGAATTTCTCCGCCAGCATTCCATCGG	Hs.404102	2548						
ABCB5	NM_178559_bp921_R	AGCTAAAAAGATGGAATGCTGGCGGAGAAATCTCTTGAATTTCTCCGCCAGCATTCCATCGG	Hs.404102	13300						
ABCB6	NM_005689_bp1184_R	AGCTAAAAAGCCTGGACTGTTACCAGTTACTCTCTTGAAGTAACTGGTAACAGTCCAGGCGG	Hs.107911	2516	0.6459125	0.24420152	0.012428525	-1.150575	0.48798713	0.003458512
ABCB6	NM_005689_bp1184_R	AGCTAAAAAGCCTGGACTGTTACCAGTTACTCTCTTGAAGTAACTGGTAACAGTCCAGGCGG	Hs.107911	7892	0.7050375	0.1868281	0.006244786	-1.12895	0.45878732	0.003309687
ABCB6	NM_005689_bp1184_R	AGCTAAAAAGCCTGGACTGTTACCAGTTACTCTCTTGAAGTAACTGGTAACAGTCCAGGCGG	Hs.107911	13268	0.6785375	0.27945741	0.012382328	-1.084075	0.54706961	0.006056252
ABCB6	NM_005689_bp2721_R	AGCTAAAAAGTGGGGTGTATGCTGACATGTTCTCTTGAAACATGTCAGCATACACCCCACGG	Hs.107911	2518	0.9135125	0.43361774	0.008864058	0.702875	0.45778626	0.025119312
ABCB6	NM_005689_bp2721_R	AGCTAAAAAGTGGGGTGTATGCTGACATGTTCTCTTGAAACATGTCAGCATACACCCCACGG	Hs.107911	7894	1.0627625	0.58914251	0.011119735	0.68835	0.45776692	0.027183389
ABCB6	NM_005689_bp2721_R	AGCTAAAAAGTGGGGTGTATGCTGACATGTTCTCTTGAAACATGTCAGCATACACCCCACGG	Hs.107911	13270	0.8662875	0.3472678	0.006653501	0.806125	0.32224175	0.008366879
ABCB6	NM_005689_bp818_R	AGCTAAAAAGGCCAACAGGTTCAGTTTAGCTCTCTTGAAGCTAAACTGAACCTGTTGGCCGG	Hs.107911	2520	-0.1745375	0.37853374	0.325692422	0.314475	0.94324909	0.429952402
ABCB6	NM_005689_bp818_R	AGCTAAAAAGGCCAACAGGTTCAGTTTAGCTCTCTTGAAGCTAAACTGAACCTGTTGGCCGG	Hs.107911	7896	-0.1669375	0.35389443	0.325561429	0.0998	0.87272334	0.780053087
ABCB6	NM_005689_bp818_R	AGCTAAAAAGGCCAACAGGTTCAGTTTAGCTCTCTTGAAGCTAAACTGAACCTGTTGGCCGG	Hs.107911	13272	-0.1288375	0.39217479	0.440335567	0.49815	1.00664512	0.251393424
ABCB7	NM_004299_bp1573_R	AGCTAAAAAGAGGCTATTATTTCGCTTCTATCTCTTGAATAGAAGCGAAATAATAGCCTCGG	Hs.370480	1449	0.3306625	0.33381487	0.168355588	-0.53815	0.2773504	0.039527687
ABCB7	NM_004299_bp1573_R	AGCTAAAAAGAGGCTATTATTTCGCTTCTATCTCTTGAATAGAAGCGAAATAATAGCCTCGG	Hs.370480	6825	0.2083875	0.1511588	0.283241636	-0.652775	0.15655066	0.013467259
ABCB7	NM_004299_bp1573_R	AGCTAAAAAGAGGCTATTATTTCGCTTCTATCTCTTGAATAGAAGCGAAATAATAGCCTCGG	Hs.370480	12201	0.2019375	0.14748849	0.29754524	-0.528875	0.27148083	0.041372605
ABCB7	NM_004299_bp1688_R	AGCTAAAAAGATGCTGTCCTCTTCCATAATTCTCTTGAAATTATGGAAGAGGACAGCATCGG	Hs.370480	1450	0.6607375	0.28848961	0.014554804	-0.483025	0.13281876	0.041150582
ABCB7	NM_004299_bp1688_R	AGCTAAAAAGATGCTGTCCTCTTCCATAATTCTCTTGAAATTATGGAAGAGGACAGCATCGG	Hs.370480	6826	0.7306375	0.32399833	0.011864083	-0.49525	0.1085504	0.03626419
ABCB7	NM_004299_bp1688_R	AGCTAAAAAGATGCTGTCCTCTTCCATAATTCTCTTGAAATTATGGAAGAGGACAGCATCGG	Hs.370480	12202	0.6598625	0.30607511	0.016569654	-0.439325	0.22654869	0.068438638
ABCB7	NM_004299_bp1904_R	AGCTAAAAAGACCCCCCAGTCATACTCTATTCTCTTGAAATAGAGTATGACTGGGGGGTCGG	Hs.370480	2514	-1.1766375	0.43480231	0.00221939	-0.1502	0.4289615	0.555599944
ABCB7	NM_004299_bp1904_R	AGCTAAAAAGACCCCCCAGTCATACTCTATTCTCTTGAAATAGAGTATGACTGGGGGGTCGG	Hs.370480	7890	-1.2089375	0.39256767	0.001493749	-0.172225	0.40400254	0.489427128
ABCB7	NM_004299_bp1904_R	AGCTAAAAAGACCCCCCAGTCATACTCTATTCTCTTGAAATAGAGTATGACTGGGGGGTCGG	Hs.370480	13266	-1.1898625	0.43308024	0.002092008	-0.1495	0.40629702	0.54936567
ABCB8	NM_007188_bp1421_R	AGCTAAAAAGTGGCTCCGTTACATTTCAGATCTCTTGAATCTGAAATGTAACGGAGCCACGG	Hs.490555	1447	2.9933875	1.27755956	0.002164715	2.0402	0.93871064	0.001492132
ABCB8	NM_007188_bp1421_R	AGCTAAAAAGTGGCTCCGTTACATTTCAGATCTCTTGAATCTGAAATGTAACGGAGCCACGG	Hs.490555	6823	3.0301125	1.26835341	0.001987786	2.016425	1.02210235	0.00224072
ABCB8	NM_007188_bp1421_R	AGCTAAAAAGTGGCTCCGTTACATTTCAGATCTCTTGAATCTGAAATGTAACGGAGCCACGG	Hs.490555	12199	2.6714875	1.55535591	0.007855709	2.0014	0.93234633	0.001607378
ABCB8	NM_007188_bp1734_R	AGCTAAAAAGCTGGAAGCTTCCGATGAAGATCTCTTGAATCTTCATCGGAAGCTTCCAGCGG	Hs.490555	2512	0.1156875	0.1595397	0.610533427	0.183625	0.17250808	0.363855073
ABCB8	NM_007188_bp1734_R	AGCTAAAAAGCTGGAAGCTTCCGATGAAGATCTCTTGAATCTTCATCGGAAGCTTCCAGCGG	Hs.490555	7888	0.2205375	0.23522719	0.30106955	0.128475	0.21937877	0.526533017
ABCB8	NM_007188_bp1734_R	AGCTAAAAAGCTGGAAGCTTCCGATGAAGATCTCTTGAATCTTCATCGGAAGCTTCCAGCGG	Hs.490555	13264	0.1810375	0.1619491	0.365472813	0.167875	0.18250217	0.405834986
ABCB8	NM_007188_bp795_R	AGCTAAAAAGGAATTTAAGTCATCCTTCAATCTCTTGAATTGAAGGATGACTTAAATTCCGG	Hs.490555	1448	-0.1036625	0.47800186	0.558900799	0.0881	0.45704819	0.715672796
ABCB8	NM_007188_bp795_R	AGCTAAAAAGGAATTTAAGTCATCCTTCAATCTCTTGAATTGAAGGATGACTTAAATTCCGG	Hs.490555	6824	0.0820375	0.92269591	0.911485725	0.63615	0.60695192	0.061497379
ABCB8	NM_007188_bp795_R	AGCTAAAAAGGAATTTAAGTCATCCTTCAATCTCTTGAATTGAAGGATGACTTAAATTCCGG	Hs.490555	12200	-0.2669625	0.21815803	0.105378322	0.106375	0.41430081	0.650218931
ABCB9	NM_019625_bp1312_R	AGCTAAAAAGTCCAACATCTACGGCAAGTATCTCTTGAATACTTGCCGTAGATGTTGGACGG	Hs.511951	2510	-0.3443625	0.55060512	0.185414582	-0.1066	0.21942842	0.61626107
ABCB9	NM_019625_bp1312_R	AGCTAAAAAGTCCAACATCTACGGCAAGTATCTCTTGAATACTTGCCGTAGATGTTGGACGG	Hs.511951	7886	-0.3867125	0.50348657	0.128928975	-0.089625	0.22593029	0.675810607
ABCB9	NM_019625_bp1312_R	AGCTAAAAAGTCCAACATCTACGGCAAGTATCTCTTGAATACTTGCCGTAGATGTTGGACGG	Hs.511951	13262	-0.3900625	0.49239977	0.121980846	-0.1057	0.19017215	0.612865646
ABCB9	NM_019625_bp1501_R	AGCTAAAAAGGCAGCTGCCTACATGTACTATCTCTTGAATAGTACATGTAGGCAGCTGCCGG	Hs.511951	2506	1.3097625	0.87577234	0.017128728	0.906225	1.17622169	0.089624307
ABCB9	NM_019625_bp1501_R	AGCTAAAAAGGCAGCTGCCTACATGTACTATCTCTTGAATAGTACATGTAGGCAGCTGCCGG	Hs.511951	7882	1.2842625	0.80991553	0.01432975	0.9808	1.23795506	0.080964508
ABCB9	NM_019625_bp1501_R	AGCTAAAAAGGCAGCTGCCTACATGTACTATCTCTTGAATAGTACATGTAGGCAGCTGCCGG	Hs.511951	13258	1.2247625	0.84403998	0.019685795	0.6278	1.0560853	0.176654585
ABCB9	NM_019625_bp307_R	AGCTAAAAAGGTGGTGACTTTGGCCTTCATTCTCTTGAAATGAAGGCCAAAGTCACCACCGG	Hs.511951	7884	0.4631875	0.4761629	0.116762293	-0.19255	0.51625457	0.484966994
ABCB9	NM_019625_bp307_R	AGCTAAAAAGGTGGTGACTTTGGCCTTCATTCTCTTGAAATGAAGGCCAAAGTCACCACCGG	Hs.511951	2508	0.6621875	0.63910695	0.075035003	0.2924	0.08485281	0.398803597
ABCB9	NM_019625_bp307_R	AGCTAAAAAGGTGGTGACTTTGGCCTTCATTCTCTTGAAATGAAGGCCAAAGTCACCACCGG	Hs.511951	13260	0.6865125	0.73605256	0.09224409	0.0767		
ABCC1	NM_004996_bp1084_R	AGCTAAAAAGGTGGAGGCTTTGATCGTCAATCTCTTGAATTGACGATCAAAGCCTCCACCGG	Hs.589433	7876	-0.1523125	0.21149475	0.269498809	-0.17565	0.2942377	0.439227128
ABCC1	NM_004996_bp1084_R	AGCTAAAAAGGTGGAGGCTTTGATCGTCAATCTCTTGAATTGACGATCAAAGCCTCCACCGG	Hs.589433	2500	0.1413			0.0654		
ABCC1	NM_004996_bp1084_R	AGCTAAAAAGGTGGAGGCTTTGATCGTCAATCTCTTGAATTGACGATCAAAGCCTCCACCGG	Hs.589433	13252	0.2651			0.08075	0.5575537	0.813159255
ABCC1	NM_004996_bp1120_R	AGCTAAAAAGTGGAACCCCTCTCTGTTTAATCTCTTGAATTAAACAGAGAGGGGTTCCACGG	Hs.589433	2498	0.7735125	0.28246829	0.007357267	-0.370875	0.30381691	0.129719788
ABCC1	NM_004996_bp1120_R	AGCTAAAAAGTGGAACCCCTCTCTGTTTAATCTCTTGAATTAAACAGAGAGGGGTTCCACGG	Hs.589433	7874	0.7570875	0.3022173	0.009098975	-0.461475	0.35893354	0.081815175
ABCC1	NM_004996_bp1120_R	AGCTAAAAAGTGGAACCCCTCTCTGTTTAATCTCTTGAATTAAACAGAGAGGGGTTCCACGG	Hs.589433	13250	0.6588125	0.28800571	0.014998555	-0.3989	0.3799493	0.128197892
ABCC1	NM_004996_bp1220_R	AGCTAAAAAGGGCCGCGCAGATCTTAAAGTTGTCTCTTGAACAACTTTAAGATCTGCGGCCCGG	Hs.589433	1442	-1.1051875	0.28700407	0.001099185	-0.386025	0.33581387	0.126966496
ABCC1	NM_004996_bp1220_R	AGCTAAAAAGGGCCGCGCAGATCTTAAAGTTGTCTCTTGAACAACTTTAAGATCTGCGGCCCGG	Hs.589433	6818	-1.1712625	0.32391984	0.001094309	-0.37845	0.28997257	0.120747472
ABCC1	NM_004996_bp1220_R	AGCTAAAAAGGGCCGCGCAGATCTTAAAGTTGTCTCTTGAACAACTTTAAGATCTGCGGCCCGG	Hs.589433	12194	-1.1749625	0.44956206	0.002496904	-0.388875	0.16979084	0.08815583
ABCC10	NM_033450_bp1113_R	AGCTAAAAAGGGACCATGTTGGGATTCTCATCTCTTGAATGAGAATCCCAACATGGTCCCGG	Hs.55879	2424	1.3651125	0.91081449	0.016357918	-0.725425	0.88795761	0.092165355
ABCC10	NM_033450_bp1113_R	AGCTAAAAAGGGACCATGTTGGGATTCTCATCTCTTGAATGAGAATCCCAACATGGTCCCGG	Hs.55879	7800	1.3852375	0.91878927	0.015912169	-0.7311	0.91725362	0.096432003
ABCC10	NM_033450_bp1113_R	AGCTAAAAAGGGACCATGTTGGGATTCTCATCTCTTGAATGAGAATCCCAACATGGTCCCGG	Hs.55879	13176	1.4152375	0.91362761	0.014357708	-0.67205	0.90904424	0.118363948
ABCC10	NM_033450_bp3926_R	AGCTAAAAAGCTGGAAGAGTACACCTGTGATCTCTTGAATCACAGGTGTACTCTTCCAGCGG	Hs.55879	1417	-0.6865625	0.38232195	0.013930842	0.026225	0.6973059	0.924518902
ABCC10	NM_033450_bp3926_R	AGCTAAAAAGCTGGAAGAGTACACCTGTGATCTCTTGAATCACAGGTGTACTCTTCCAGCGG	Hs.55879	6793	-0.7104875	0.41700062	0.014933565	0.0267	0.68474889	0.922421553
ABCC10	NM_033450_bp3926_R	AGCTAAAAAGCTGGAAGAGTACACCTGTGATCTCTTGAATCACAGGTGTACTCTTCCAGCGG	Hs.55879	12169	-1.0036125	0.55665914	0.008787513	-0.071425	1.08072891	0.877082903
ABCC11	NM_033151_bp1211_R	AGCTAAAAAGCTGGTCATCTGCAGCATTTCTCTCTTGAAGAAATGCTGCAGATGACCAGCGG	Hs.335891	1404	0.4949875	0.26876935	0.039920626	0.695	0.49802898	0.03148705
ABCC11	NM_033151_bp1211_R	AGCTAAAAAGCTGGTCATCTGCAGCATTTCTCTCTTGAAGAAATGCTGCAGATGACCAGCGG	Hs.335891	6780	0.6502625	0.40192431	0.028730322	0.73445	0.61709268	0.039731463
ABCC11	NM_033151_bp1211_R	AGCTAAAAAGCTGGTCATCTGCAGCATTTCTCTCTTGAAGAAATGCTGCAGATGACCAGCGG	Hs.335891	12156	0.7028125	0.43189869	0.025067989	0.674225	0.56562535	0.044397244
ABCC11	NM_033151_bp3430_R	AGCTAAAAAGGCTGACTGATGCGCAGAATATCTCTTGAATATTCTGCGCATCAGTCAGCCGG	Hs.335891	1403	3.3225625	1.77922663	0.005297739	0.17585	0.87348901	0.701828994
ABCC11	NM_033151_bp3430_R	AGCTAAAAAGGCTGACTGATGCGCAGAATATCTCTTGAATATTCTGCGCATCAGTCAGCCGG	Hs.335891	6779	2.022116667	0.23715804	0.000492844	-0.0501	0.68232216	0.883197317
ABCC11	NM_033151_bp3430_R	AGCTAAAAAGGCTGACTGATGCGCAGAATATCTCTTGAATATTCTGCGCATCAGTCAGCCGG	Hs.335891	12155	2.8069625	1.32736676	0.003315943	-0.2826	0.31444833	0.237687752
ABCC11	NM_033151_bp888_R	AGCTAAAAAGGGCCAATATTGATTATACCATCTCTTGAATGGTATAATCAATATTGGCCCGG	Hs.335891	13174	2.122075	1.04450278	0.023069767	-0.00926667	0.69361113	0.992172346
ABCC11	NM_033151_bp888_R	AGCTAAAAAGGGCCAATATTGATTATACCATCTCTTGAATGGTATAATCAATATTGGCCCGG	Hs.335891	2422	3.062775	0.99090409	0.00735791	2.8753		
ABCC11	NM_033151_bp888_R	AGCTAAAAAGGGCCAATATTGATTATACCATCTCTTGAATGGTATAATCAATATTGGCCCGG	Hs.335891	7798	2.778825	0.58467124	0.003746007	2.6331		
ABCC12	NM_145189_bp1861_R	AGCTAAAAAGGGGAAGATCTTGGGAATATGTCTCTTGAACATATTCCCAAGATCTTCCCCGG	Hs.410111	1402	1.0315625	0.25051774	0.001603519	-0.28655	0.25991905	0.208819924
ABCC12	NM_145189_bp1861_R	AGCTAAAAAGGGGAAGATCTTGGGAATATGTCTCTTGAACATATTCCCAAGATCTTCCCCGG	Hs.410111	6778	1.0373875	0.23661996	0.001428539	-0.303775	0.26494675	0.18718688
ABCC12	NM_145189_bp1861_R	AGCTAAAAAGGGGAAGATCTTGGGAATATGTCTCTTGAACATATTCCCAAGATCTTCCCCGG	Hs.410111	12154	1.0788875	0.22746001	0.001120295	-0.301475	0.22872204	0.180080153
ABCC12	NM_145189_bp577_R	AGCTAAAAAGCCCCCATTGTCGACATATGATCTCTTGAATCATATGTCGACAATGGGGGCGG	Hs.410111	1401	-0.3200875	0.24853931	0.076352131	-0.166475	0.7154033	0.614432631
ABCC12	NM_145189_bp577_R	AGCTAAAAAGCCCCCATTGTCGACATATGATCTCTTGAATCATATGTCGACAATGGGGGCGG	Hs.410111	6777	-0.3444125	0.24794963	0.063232419	-0.134325	0.71645091	0.685163336
ABCC12	NM_145189_bp577_R	AGCTAAAAAGCCCCCATTGTCGACATATGATCTCTTGAATCATATGTCGACAATGGGGGCGG	Hs.410111	12153	-0.2890875	0.33315558	0.131991305	-0.225225	0.51791616	0.416155115
ABCC12	NM_145189_bp995_R	AGCTAAAAAGTTGGCGAGGTGCTCAATATATCTCTTGAATATATTGAGCACCTCGCCAACGG	Hs.410111	13172	0.1583					
ABCC12	NM_145189_bp995_R	AGCTAAAAAGTTGGCGAGGTGCTCAATATATCTCTTGAATATATTGAGCACCTCGCCAACGG	Hs.410111	2420						
ABCC13	NM_138726_bp343_R	AGCTAAAAAGGGCGCTTGATACACAGAAATTCTCTTGAAATTTCTGTGTATCAAGCGCCCGG	Hs.366575	2416	0.7266625	0.54990812	0.039263706	0.243625	0.50368962	0.361080334
ABCC13	NM_138726_bp343_R	AGCTAAAAAGGGCGCTTGATACACAGAAATTCTCTTGAAATTTCTGTGTATCAAGCGCCCGG	Hs.366575	7792	0.7776875	0.52463474	0.0274804	0.25055	0.54796283	0.367721711
ABCC13	NM_138726_bp343_R	AGCTAAAAAGGGCGCTTGATACACAGAAATTCTCTTGAAATTTCTGTGTATCAAGCGCCCGG	Hs.366575	13168	0.7567375	0.53761247	0.032203431	0.259875	0.473401	0.319364145
ABCC13	NM_138726_bp421_R	AGCTAAAAAGAGTAATTACTTTAGGCTATATCTCTTGAATATAGCCTAAAGTAATTACTCGG	Hs.366575	2418	-0.8698375	0.4690134	0.00940728	-0.9516	0.3692981	0.005198989
ABCC13	NM_138726_bp421_R	AGCTAAAAAGAGTAATTACTTTAGGCTATATCTCTTGAATATAGCCTAAAGTAATTACTCGG	Hs.366575	7794	-0.9241875	0.42090367	0.005577556	-0.8871	0.38359569	0.007689085
ABCC13	NM_138726_bp421_R	AGCTAAAAAGAGTAATTACTTTAGGCTATATCTCTTGAATATAGCCTAAAGTAATTACTCGG	Hs.366575	13170	-0.9755875	0.43907518	0.005003055	-0.94215	0.3961825	0.006170862
ABCC13	NM_138726_bp585_R	AGCTAAAAAGAGGCACATATCAAGAAACCATCTCTTGAATGGTTTCTTGATATGTGCCTCGG	Hs.366575	1400	0.2373125	0.25308496	0.271155046	0.8429	0.34634598	0.007613396
ABCC13	NM_138726_bp585_R	AGCTAAAAAGAGGCACATATCAAGAAACCATCTCTTGAATGGTTTCTTGATATGTGCCTCGG	Hs.366575	6776	0.2945375	0.29243125	0.193243598	0.79165	0.36955337	0.011041523
ABCC13	NM_138726_bp585_R	AGCTAAAAAGAGGCACATATCAAGAAACCATCTCTTGAATGGTTTCTTGATATGTGCCTCGG	Hs.366575	12152	0.3101875	0.65611158	0.381035789	0.71155	0.38568876	0.018506273
ABCC2	NM_000392_bp1439_R	AGCTAAAAAGGGGTGATGGTGCTTGTAATCTCTTGAAGATTACAAGCACCATCACCCCGG	Hs.368243	13224	0.6035					
ABCC2	NM_000392_bp2027_R	AGCTAAAAAGGCCAACTTGTGGCTGTGATATCTCTTGAATATCACAGCCACAAGTTGGCCGG	Hs.368243	1428	0.7673375	0.42917543	0.017509653	-0.2276	0.16965881	0.281079366
ABCC2	NM_000392_bp2027_R	AGCTAAAAAGGCCAACTTGTGGCTGTGATATCTCTTGAATATCACAGCCACAAGTTGGCCGG	Hs.368243	6804	0.6725375	0.38346807	0.022822561	-0.25865	0.15749181	0.222953931
ABCC2	NM_000392_bp2027_R	AGCTAAAAAGGCCAACTTGTGGCTGTGATATCTCTTGAATATCACAGCCACAAGTTGGCCGG	Hs.368243	12180	0.7610875	0.50892699	0.027212991	-0.355325	0.34194276	0.152407437
ABCC2	NM_000392_bp4100_R	AGCTAAAAAGGTGGTCAGATTATCATTGATTCTCTTGAAATCAATGATAATCTGACCACCGG	Hs.368243	1441	0.6699125	0.4705946	0.036963713	0.729325	0.51917025	0.02761294
ABCC2	NM_000392_bp4100_R	AGCTAAAAAGGTGGTCAGATTATCATTGATTCTCTTGAAATCAATGATAATCTGACCACCGG	Hs.368243	6817	0.2867875	0.23499826	0.176942782	-0.063325	0.68922921	0.848683329
ABCC2	NM_000392_bp4100_R	AGCTAAAAAGGTGGTCAGATTATCATTGATTCTCTTGAAATCAATGATAATCTGACCACCGG	Hs.368243	12193	0.4866875	0.50572042	0.114569113	0.43	0.63996042	0.179141337
ABCC3	NM_020038_bp1088_R	AGCTAAAAAGGACCTGCTCTCCTTCATCAATCTCTTGAATTGATGAAGGAGAGCAGGTCCGG	Hs.463421	1426	-0.4984625	0.2786528	0.02413709	0.199325	0.28197466	0.358622099
ABCC3	NM_020038_bp1088_R	AGCTAAAAAGGACCTGCTCTCCTTCATCAATCTCTTGAATTGATGAAGGAGAGCAGGTCCGG	Hs.463421	6802	-0.5121875	0.3192416	0.027351215	0.2867	0.17097674	0.176802567
ABCC3	NM_020038_bp1088_R	AGCTAAAAAGGACCTGCTCTCCTTCATCAATCTCTTGAATTGATGAAGGAGAGCAGGTCCGG	Hs.463421	12178	-0.6789625	0.63853522	0.049730254	0.4127	0.27040073	0.084952302
ABCC3	NM_020038_bp1214_R	AGCTAAAAAGTCGCTGATCTTACAACACTATCTCTTGAATAGTGTTGTAAGATCAGCGACGG	Hs.463421	2470	0.1105375	0.29038797	0.687971828	-0.359575	0.64623826	0.263131058
ABCC3	NM_020038_bp1214_R	AGCTAAAAAGTCGCTGATCTTACAACACTATCTCTTGAATAGTGTTGTAAGATCAGCGACGG	Hs.463421	7846	0.1433625	0.32932706	0.585228675	-0.24805	0.61332353	0.415824528
ABCC3	NM_020038_bp1214_R	AGCTAAAAAGTCGCTGATCTTACAACACTATCTCTTGAATAGTGTTGTAAGATCAGCGACGG	Hs.463421	13222	0.1159625	0.34836253	0.692467413	-0.412475	0.59533656	0.186702521
ABCC3	NM_020038_bp425_R	AGCTAAAAAGCCACCCTGCTGATACAGTATTCTCTTGAAATACTGTATCAGCAGGGTGGCGG	Hs.463421	1427	-0.7622625	0.29489827	0.005621324	-0.2528	0.15290758	0.233525807
ABCC3	NM_020038_bp425_R	AGCTAAAAAGCCACCCTGCTGATACAGTATTCTCTTGAAATACTGTATCAGCAGGGTGGCGG	Hs.463421	6803	-0.8305625	0.35044239	0.005636799	-0.281775	0.17333037	0.194073436
ABCC3	NM_020038_bp425_R	AGCTAAAAAGCCACCCTGCTGATACAGTATTCTCTTGAAATACTGTATCAGCAGGGTGGCGG	Hs.463421	12179	-0.8064875	0.28637423	0.004249501	-0.287	0.17987021	0.188572615
ABCC4	NM_005845_bp189_R	AGCTAAAAAGGTGGCTCAATCCCTTGTTTATCTCTTGAATAAACAAGGGATTGAGCCACCGG	Hs.508423	2468	0.8194125	0.72544605	0.052103049	-0.238525	0.22576375	0.276188292
ABCC4	NM_005845_bp189_R	AGCTAAAAAGGTGGCTCAATCCCTTGTTTATCTCTTGAATAAACAAGGGATTGAGCCACCGG	Hs.508423	7844	0.4783375	0.63580719	0.172660821	-0.049025	0.41912624	0.851346788
ABCC4	NM_005845_bp189_R	AGCTAAAAAGGTGGCTCAATCCCTTGTTTATCTCTTGAATAAACAAGGGATTGAGCCACCGG	Hs.508423	13220	0.5497375	0.47328115	0.070166762	-0.1395	0.4767467	0.599017907
ABCC4	NM_005845_bp2537_R	AGCTAAAAAGCTCCGGTATTATTCTTTGATTCTCTTGAAATCAAAGAATAATACCGGAGCGG	Hs.508423	1425	-1.0316625	0.39469109	0.00303423	-0.7148	0.30279726	0.014509161
ABCC4	NM_005845_bp2537_R	AGCTAAAAAGCTCCGGTATTATTCTTTGATTCTCTTGAAATCAAAGAATAATACCGGAGCGG	Hs.508423	6801	-1.1147125	0.40880464	0.002393834	-0.7333	0.31259205	0.013390326
ABCC4	NM_005845_bp2537_R	AGCTAAAAAGCTCCGGTATTATTCTTTGATTCTCTTGAAATCAAAGAATAATACCGGAGCGG	Hs.508423	12177	-1.0758875	0.46297874	0.003918387	-0.7447	0.27568478	0.01095029
ABCC4	NM_005845_bp936_R	AGCTAAAAAGGACCATGAATGAAGTTATAATCTCTTGAATTATAACTTCATTCATGGTCCGG	Hs.508423	2466	-0.43815	0.87353044	0.294083493	0.118825	0.70207897	0.700171952
ABCC4	NM_005845_bp936_R	AGCTAAAAAGGACCATGAATGAAGTTATAATCTCTTGAATTATAACTTCATTCATGGTCCGG	Hs.508423	7842	-0.453483333	0.95774543	0.312886958	0.103275	0.7170193	0.739428421
ABCC4	NM_005845_bp936_R	AGCTAAAAAGGACCATGAATGAAGTTATAATCTCTTGAATTATAACTTCATTCATGGTCCGG	Hs.508423	13218	-0.2159375	0.88436701	0.518532263	-0.04525	0.73774097	0.899183329

ABCC5	NM_005688_bp1023_R	AGCTAAAAAGGACCCGTTGTTGCCATCTTATCTCTTGAATAAGATGGCAACAACGGGTCCGG	Hs.368563	1423	1.0829375	0.43369118	0.004377866	-0.2268	0.67582631	0.478924634
ABCC5	NM_005688_bp1023_R	AGCTAAAAAGGACCCGTTGTTGCCATCTTATCTCTTGAATAAGATGGCAACAACGGGTCCGG	Hs.368563	6799	1.0709875	0.48054351	0.006081734	-0.171775	0.60564714	0.566093279
ABCC5	NM_005688_bp1023_R	AGCTAAAAAGGACCCGTTGTTGCCATCTTATCTCTTGAATAAGATGGCAACAACGGGTCCGG	Hs.368563	12175	1.0385375	0.57680984	0.011706693	-0.3305	0.51881972	0.246010136
ABCC5	NM_005688_bp2397_R	AGCTAAAAAGAGGGCTGTATTACGGAAAGATCTCTTGAATCTTTCCGTAATACAGCCCTCGG	Hs.368563	2464	1.1363125	0.31750155	0.001619457	1.79035	0.76694111	0.001383866
ABCC5	NM_005688_bp2397_R	AGCTAAAAAGAGGGCTGTATTACGGAAAGATCTCTTGAATCTTTCCGTAATACAGCCCTCGG	Hs.368563	7840	1.1261625	0.36925993	0.002381885	1.789175	0.76415936	0.001367189
ABCC5	NM_005688_bp2397_R	AGCTAAAAAGAGGGCTGTATTACGGAAAGATCTCTTGAATCTTTCCGTAATACAGCCCTCGG	Hs.368563	13216	0.6284125	1.10013605	0.241087797	1.820325	0.58686316	0.00051586
ABCC5	NM_005688_bp711_R	AGCTAAAAAGGACCAGCCTTCATGGTGAAATCTCTTGAATTTCACCATGAAGGCTGGTCCGG	Hs.368563	1424	0.3603125	0.31204939	0.128300247	0.1635	0.48090084	0.526443345
ABCC5	NM_005688_bp711_R	AGCTAAAAAGGACCAGCCTTCATGGTGAAATCTCTTGAATTTCACCATGAAGGCTGGTCCGG	Hs.368563	6800	0.3685125	0.33418474	0.130569253	0.14505	0.50540203	0.580458996
ABCC5	NM_005688_bp711_R	AGCTAAAAAGGACCAGCCTTCATGGTGAAATCTCTTGAATTTCACCATGAAGGCTGGTCCGG	Hs.368563	12176	0.2941875	0.24307343	0.169533446	0.14265	0.4656023	0.57222443
ABCC6	NM_001171_bp1239_R	AGCTAAAAAGTGGGTGATGTGGTCAATCTGTCTCTTGAACAGATTGACCACATCACCCACGG	Hs.442182	2462	1.7197125	0.84471851	0.004898723	-0.29365	0.36125616	0.238363595
ABCC6	NM_001171_bp1239_R	AGCTAAAAAGTGGGTGATGTGGTCAATCTGTCTCTTGAACAGATTGACCACATCACCCACGG	Hs.442182	7838	1.6695875	0.81170279	0.004817164	-0.29195	0.35423302	0.237949417
ABCC6	NM_001171_bp1239_R	AGCTAAAAAGTGGGTGATGTGGTCAATCTGTCTCTTGAACAGATTGACCACATCACCCACGG	Hs.442182	13214	1.5741375	0.67905584	0.003299288	-0.312625	0.46052069	0.251601001
ABCC6	NM_001171_bp1405_R	AGCTAAAAAGCCTCCTCCCTCTGAATTTCTTCTCTTGAAAGAAATTCAGAGGGAGGAGGCGG	Hs.442182	2458	-0.2457625	0.45316379	0.251422395	-0.78295	0.76417445	0.051986231
ABCC6	NM_001171_bp1405_R	AGCTAAAAAGCCTCCTCCCTCTGAATTTCTTCTCTTGAAAGAAATTCAGAGGGAGGAGGCGG	Hs.442182	7834	-0.2322125	0.49219301	0.295283635	-0.881	0.72851124	0.030590445
ABCC6	NM_001171_bp1405_R	AGCTAAAAAGCCTCCTCCCTCTGAATTTCTTCTCTTGAAAGAAATTCAGAGGGAGGAGGCGG	Hs.442182	13210	-0.2554625	0.47673052	0.251288655	-0.7838	0.69853005	0.042249284
ABCC6	NM_001171_bp243_R	AGCTAAAAAGTGCTTGGATTCGCCCTCATATCTCTTGAATATGAGGGCGAATCCAAGCACGG	Hs.442182	2460	7.1769			2.483	3.43455906	0.113271905
ABCC6	NM_001171_bp243_R	AGCTAAAAAGTGCTTGGATTCGCCCTCATATCTCTTGAATATGAGGGCGAATCCAAGCACGG	Hs.442182	7836	8.1286			2.6958	3.25368114	0.081928987
ABCC6	NM_001171_bp243_R	AGCTAAAAAGTGCTTGGATTCGCCCTCATATCTCTTGAATATGAGGGCGAATCCAAGCACGG	Hs.442182	13212	2.75155	0.88649977	0.008055088	1.4817	1.7349572	0.09235191
ABCC8	NM_000352_bp1513_R	AGCTAAAAAGGAGCAGCTGTCATCATTCTATCTCTTGAATAGAATGATGACAGCTGCTCCGG	Hs.54470	1419	1.0892875	0.51832674	0.006817951	-0.907325	0.36465919	0.005994582
ABCC8	NM_000352_bp1513_R	AGCTAAAAAGGAGCAGCTGTCATCATTCTATCTCTTGAATAGAATGATGACAGCTGCTCCGG	Hs.54470	6795	1.0957875	0.515738	0.006548217	-0.89755	0.34470192	0.005802399
ABCC8	NM_000352_bp1513_R	AGCTAAAAAGGAGCAGCTGTCATCATTCTATCTCTTGAATAGAATGATGACAGCTGCTCCGG	Hs.54470	12171	1.0632875	0.47967538	0.00604678	-0.87085	0.33788338	0.006511505
ABCC8	NM_000352_bp2494_R	AGCTAAAAAGAGAGTCCCTTCAACAAACAATCTCTTGAATTGTTTGTTGAAGGGACTCTCGG	Hs.54470	1420	0.2448625	0.19424656	0.225260338	0.386375	0.0935093	0.076363077
ABCC8	NM_000352_bp2494_R	AGCTAAAAAGAGAGTCCCTTCAACAAACAATCTCTTGAATTGTTTGTTGAAGGGACTCTCGG	Hs.54470	6796	0.2303375	0.13292792	0.224897133	0.277575	0.07255951	0.172262068
ABCC8	NM_000352_bp2494_R	AGCTAAAAAGAGAGTCCCTTCAACAAACAATCTCTTGAATTGTTTGTTGAAGGGACTCTCGG	Hs.54470	12172	0.2584375	0.31990516	0.270952911	0.463625	0.19152217	0.051054192
ABCC8	NM_000352_bp4787_R	AGCTAAAAAGTGCCATCCTTGAGTTCGATATCTCTTGAATATCGAACTCAAGGATGGCACGG	Hs.54470	1421	-0.9473625	0.43704924	0.005561619	-0.3351	0.40379947	0.199423891
ABCC8	NM_000352_bp4787_R	AGCTAAAAAGTGCCATCCTTGAGTTCGATATCTCTTGAATATCGAACTCAAGGATGGCACGG	Hs.54470	6797	-1.0221125	0.35427308	0.002390772	-0.349175	0.39070978	0.179234152
ABCC8	NM_000352_bp4787_R	AGCTAAAAAGTGCCATCCTTGAGTTCGATATCTCTTGAATATCGAACTCAAGGATGGCACGG	Hs.54470	12173	-1.0757375	0.38623995	0.002370118	-0.444075	0.43737787	0.112861851
ABCC9	NM_005691_bp1330_R	AGCTAAAAAGGCGTGATTCTGCTCTATAATTCTCTTGAAATTATAGAGCAGAATCACGCCGG	Hs.446050	2452	0.6837375	0.21904485	0.008694857	1.1524	1.00852252	0.0265892
ABCC9	NM_005691_bp1330_R	AGCTAAAAAGGCGTGATTCTGCTCTATAATTCTCTTGAAATTATAGAGCAGAATCACGCCGG	Hs.446050	7828	0.6288875	0.30249983	0.019489186	1.114575	0.90030245	0.021534249
ABCC9	NM_005691_bp1330_R	AGCTAAAAAGGCGTGATTCTGCTCTATAATTCTCTTGAAATTATAGAGCAGAATCACGCCGG	Hs.446050	13204	0.6130125	0.21629982	0.01356054	1.1304	0.9610064	0.02477939
ABCC9	NM_005691_bp2042_R	AGCTAAAAAGGGGCAGTGGTTTAGCTACATTCTCTTGAAATGTAGCTAAACCACTGCCCCGG	Hs.446050	7826						
ABCC9	NM_005691_bp2042_R	AGCTAAAAAGGGGCAGTGGTTTAGCTACATTCTCTTGAAATGTAGCTAAACCACTGCCCCGG	Hs.446050	13202						
ABCC9	NM_005691_bp4120_R	AGCTAAAAAGGGATAGACATTTCCAAATTATCTCTTGAATAATTTGGAAATGTCTATCCCGG	Hs.446050	1418	-0.6789875	0.22310507	0.00567583	-0.695625	0.20383983	0.011260816
ABCC9	NM_005691_bp4120_R	AGCTAAAAAGGGATAGACATTTCCAAATTATCTCTTGAATAATTTGGAAATGTCTATCCCGG	Hs.446050	6794	-0.1811625	0.48092671	0.376637044	-0.5656	0.3598288	0.041903975
ABCC9	NM_005691_bp4120_R	AGCTAAAAAGGGATAGACATTTCCAAATTATCTCTTGAATAATTTGGAAATGTCTATCCCGG	Hs.446050	12170	-0.7016875	0.26319647	0.00630731	-0.67755	0.18412015	0.011966575
ABCD1	NM_000033_bp1352_R	AGCTAAAAAGGAACGCCTGTGGTATGTTATTCTCTTGAAATAACATACCACAGGCGTTCCGG	Hs.159546	2414	0.7599			-1.2006		
ABCD1	NM_000033_bp1352_R	AGCTAAAAAGGAACGCCTGTGGTATGTTATTCTCTTGAAATAACATACCACAGGCGTTCCGG	Hs.159546	7790	1.321025	0.78266114	0.048121831	-1.3361		
ABCD1	NM_000033_bp1352_R	AGCTAAAAAGGAACGCCTGTGGTATGTTATTCTCTTGAAATAACATACCACAGGCGTTCCGG	Hs.159546	13166				-1.0425		
ABCD1	NM_000033_bp1586_R	AGCTAAAAAGCGGATCATGTCGTCGTACAATCTCTTGAATTGTACGACGACATGATCCGCGG	Hs.159546	1399	-0.1955875	0.31299858	0.246465134	0.443	0.26173576	0.130422729
ABCD1	NM_000033_bp1586_R	AGCTAAAAAGCGGATCATGTCGTCGTACAATCTCTTGAATTGTACGACGACATGATCCGCGG	Hs.159546	6775	0.0476125	0.12158144	0.945049086	0.31705	0.57830484	0.281251764
ABCD1	NM_000033_bp1586_R	AGCTAAAAAGCGGATCATGTCGTCGTACAATCTCTTGAATTGTACGACGACATGATCCGCGG	Hs.159546	12151	-0.1609125	0.14388766	0.217904135	0.127775	0.32272745	0.557902888
ABCD1	NM_000033_bp1802_R	AGCTAAAAAGGGGATCATCTGCGAGAACATTCTCTTGAAATGTTCTCGCAGATGATCCCCGG	Hs.159546	2412	0.8402875	0.08079543	0.001771428	0.090666667	0.12650654	0.710341885
ABCD1	NM_000033_bp1802_R	AGCTAAAAAGGGGATCATCTGCGAGAACATTCTCTTGAAATGTTCTCGCAGATGATCCCCGG	Hs.159546	7788	0.8202375	0.12497341	0.002334199	-0.26995	0.62684359	0.382226631
ABCD1	NM_000033_bp1802_R	AGCTAAAAAGGGGATCATCTGCGAGAACATTCTCTTGAAATGTTCTCGCAGATGATCCCCGG	Hs.159546	13164	0.7380625	0.14355543	0.0041117	-0.176775	0.55112668	0.53445464
ABCD2	NM_005164_bp1612_R	AGCTAAAAAGGAGCAGCAGTGGACTAATTATCTCTTGAATAATTAGTCCACTGCTGCTCCGG	Hs.591042	1398	-0.2095375	0.34958434	0.243181442	0.5353	0.48309645	0.070945537
ABCD2	NM_005164_bp1612_R	AGCTAAAAAGGAGCAGCAGTGGACTAATTATCTCTTGAATAATTAGTCCACTGCTGCTCCGG	Hs.591042	6774	-0.1942125	0.33139449	0.258332602	0.505225	0.43021661	0.072418645
ABCD2	NM_005164_bp1612_R	AGCTAAAAAGGAGCAGCAGTGGACTAATTATCTCTTGAATAATTAGTCCACTGCTGCTCCGG	Hs.591042	12150	-0.1477375	0.3506193	0.367539004	0.53125	0.43682349	0.063286326
ABCD2	NM_005164_bp2514_R	AGCTAAAAAGGGGCTGGAATTTCCTTACTGTCTCTTGAACAGTAAGGAAATTCCAGCCCCGG	Hs.591042	2410	0.0327125	1.36304297	0.993105687	0.692666667	2.0277631	0.407577121
ABCD2	NM_005164_bp2514_R	AGCTAAAAAGGGGCTGGAATTTCCTTACTGTCTCTTGAACAGTAAGGAAATTCCAGCCCCGG	Hs.591042	7786	0.0142875	1.35940794	0.967307909	0.410475	2.18197444	0.616420886
ABCD2	NM_005164_bp2514_R	AGCTAAAAAGGGGCTGGAATTTCCTTACTGTCTCTTGAACAGTAAGGAAATTCCAGCCCCGG	Hs.591042	13162	0.0197625	1.41569926	0.975905235	0.40555	2.14594973	0.615136808
ABCD2	NM_005164_bp974_R	AGCTAAAAAGCCTCGGACTTTCATCATCAATCTCTTGAATTGATGATGAAAGTCCGAGGCGG	Hs.591042	2408	-0.0366375	0.44639015	0.745268253	-0.173725	0.27160031	0.439274544
ABCD2	NM_005164_bp974_R	AGCTAAAAAGCCTCGGACTTTCATCATCAATCTCTTGAATTGATGATGAAAGTCCGAGGCGG	Hs.591042	7784	-0.0050125	0.41338285	0.844297915	-0.19285	0.26176634	0.388690267
ABCD2	NM_005164_bp974_R	AGCTAAAAAGCCTCGGACTTTCATCATCAATCTCTTGAATTGATGATGAAAGTCCGAGGCGG	Hs.591042	13160	-0.0053375	0.46452077	0.85401472	-0.174525	0.26825373	0.435658856
ABCD3	NM_002858_bp1156_R	AGCTAAAAAGGGCGTGAAATGACTAGATTGTCTCTTGAACAATCTAGTCATTTCACGCCCGG	Hs.76781	13158				-1.0134	0.65169876	0.013098663
ABCD3	NM_002858_bp1156_R	AGCTAAAAAGGGCGTGAAATGACTAGATTGTCTCTTGAACAATCTAGTCATTTCACGCCCGG	Hs.76781	7782				-0.874	0.26120525	0.055171862
ABCD3	NM_002858_bp1156_R	AGCTAAAAAGGGCGTGAAATGACTAGATTGTCTCTTGAACAATCTAGTCATTTCACGCCCGG	Hs.76781	2406	0.4544					
ABCD3	NM_002858_bp1420_R	AGCTAAAAAGGGGCTAATGTTCTAATTTGTTCTCTTGAAACAAATTAGAACATTAGCCCCGG	Hs.76781	1396	0.5652375	0.55697537	0.089978761	-1.054225	0.66416816	0.011785994
ABCD3	NM_002858_bp1420_R	AGCTAAAAAGGGGCTAATGTTCTAATTTGTTCTCTTGAAACAAATTAGAACATTAGCCCCGG	Hs.76781	6772	0.6830625	0.63021146	0.066481318	-1.484	0.92473336	0.007164252
ABCD3	NM_002858_bp1420_R	AGCTAAAAAGGGGCTAATGTTCTAATTTGTTCTCTTGAAACAAATTAGAACATTAGCCCCGG	Hs.76781	12148	0.7348125	0.68875284	0.065184311	-1.5462	0.89363035	0.005266001
ABCD3	NM_002858_bp423_R	AGCTAAAAAGCCTCTTATCTCTCTGGTTAATCTCTTGAATTAACCAGAGAGATAAGAGGCGG	Hs.76781	1397	0.0249125	0.37453349	0.950205356	-0.53095	0.424798	0.064708276
ABCD3	NM_002858_bp423_R	AGCTAAAAAGCCTCTTATCTCTCTGGTTAATCTCTTGAATTAACCAGAGAGATAAGAGGCGG	Hs.76781	6773	0.0437875	0.27822508	0.972360349	-0.6158	0.55434867	0.059903291
ABCD3	NM_002858_bp423_R	AGCTAAAAAGCCTCTTATCTCTCTGGTTAATCTCTTGAATTAACCAGAGAGATAAGAGGCGG	Hs.76781	12149	0.0913375	0.32609976	0.778062095	-0.49765	0.40362835	0.074080001
ABCD4	NM_020326_bp308_R	AGCTAAAAAGCTGTCATGCTCATTGTTCTGTCTCTTGAACAGAACAATGAGCATGACAGCGG	Hs.94395	2404	-0.3868125	0.25734743	0.048355662	0.117525	0.17709377	0.547679094
ABCD4	NM_020326_bp308_R	AGCTAAAAAGCTGTCATGCTCATTGTTCTGTCTCTTGAACAGAACAATGAGCATGACAGCGG	Hs.94395	7780	-0.5336375	0.1124761	0.008628124	0.1573	0.31166564	0.471878597
ABCD4	NM_020326_bp308_R	AGCTAAAAAGCTGTCATGCTCATTGTTCTGTCTCTTGAACAGAACAATGAGCATGACAGCGG	Hs.94395	13156	-0.6128875	0.36175572	0.019160633	0.22895	0.26603008	0.292983611
ABCD4	NM_020326_bp614_R	AGCTAAAAAGTGAGCATCTTCGGGTATTTCTCTCTTGAAGAAATACCCGAAGATGCTCACGG	Hs.94395	1394	0.8398125	0.50937703	0.018962718	0.298375	0.39553443	0.230834187
ABCD4	NM_020326_bp614_R	AGCTAAAAAGTGAGCATCTTCGGGTATTTCTCTCTTGAAGAAATACCCGAAGATGCTCACGG	Hs.94395	6770	0.2825625	0.31204494	0.224452031	0.5959	0.5710402	0.065376939
ABCD4	NM_020326_bp614_R	AGCTAAAAAGTGAGCATCTTCGGGTATTTCTCTCTTGAAGAAATACCCGAAGATGCTCACGG	Hs.94395	12146	0.8922375	0.58134847	0.021363229	0.2965	0.43280626	0.248383107
ABCD4	NM_020326_bp897_R	AGCTAAAAAGCATCCTGAGTTACGTTGTCATCTCTTGAATGACAACGTAACTCAGGATGCGG	Hs.94395	1395	-0.6863375	0.37711534	0.013914085	-0.6058	0.20085844	0.02042092
ABCD4	NM_020326_bp897_R	AGCTAAAAAGCATCCTGAGTTACGTTGTCATCTCTTGAATGACAACGTAACTCAGGATGCGG	Hs.94395	6771	-0.6672375	0.65489068	0.056302667	-0.59545	0.28175955	0.02786582
ABCD4	NM_020326_bp897_R	AGCTAAAAAGCATCCTGAGTTACGTTGTCATCTCTTGAATGACAACGTAACTCAGGATGCGG	Hs.94395	12147	-0.6173375	0.40167656	0.022947463	-0.5988	0.23484589	0.023604179
ABCE1	NM_002940_bp1521_R	AGCTAAAAAGCGAGTACGTTTACGCCTTTGTCTCTTGAACAAAGGCGTAAACGTACTCGCGG	Hs.12013	2402	-1.62195	0.06682159	0.005930548	-1.006	0.72034971	0.017678843
ABCE1	NM_002940_bp1521_R	AGCTAAAAAGCGAGTACGTTTACGCCTTTGTCTCTTGAACAAAGGCGTAAACGTACTCGCGG	Hs.12013	7778	-1.5921	0.18172644	0.007020955	-0.950575	0.6993196	0.020566894
ABCE1	NM_002940_bp1521_R	AGCTAAAAAGCGAGTACGTTTACGCCTTTGTCTCTTGAACAAAGGCGTAAACGTACTCGCGG	Hs.12013	13154	-1.4973			-0.970025	0.69373545	0.018588928
ABCE1	NM_002940_bp322_R	AGCTAAAAAGCCTTATCAATTGTCAATCTATCTCTTGAATAGATTGACAATTGATAAGGCGG	Hs.12013	2376	-0.5048125	0.15583788	0.012526209	-0.160825	0.40424249	0.517794248
ABCE1	NM_002940_bp322_R	AGCTAAAAAGCCTTATCAATTGTCAATCTATCTCTTGAATAGATTGACAATTGATAAGGCGG	Hs.12013	7752	-0.4521125	0.07508633	0.014069	-0.160675	0.24528217	0.460287426
ABCE1	NM_002940_bp322_R	AGCTAAAAAGCCTTATCAATTGTCAATCTATCTCTTGAATAGATTGACAATTGATAAGGCGG	Hs.12013	13128	-0.4724875	0.06558346	0.011721655	0.044425	0.35901293	0.832961336
ABCE1	NM_002940_bp934_R	AGCTAAAAAGAACATGATCTAAGTGTATTATCTCTTGAATAATACACTTAGATCATGTTCGG	Hs.12013	1393	2.6533875	0.4515917	6.83E-05	3.4144	0.93532977	9.18E-05
ABCE1	NM_002940_bp934_R	AGCTAAAAAGAACATGATCTAAGTGTATTATCTCTTGAATAATACACTTAGATCATGTTCGG	Hs.12013	6769	2.7771625	0.5640829	0.000115205	3.228725	0.9180869	0.000116301
ABCE1	NM_002940_bp934_R	AGCTAAAAAGAACATGATCTAAGTGTATTATCTCTTGAATAATACACTTAGATCATGTTCGG	Hs.12013	12145	3.0499625	0.74834043	0.000213125	3.4688	0.98260923	0.000104428
ABCF1	NM_001090_bp1301_R	AGCTAAAAAGACCCTGAAATGCAGAATCGATCTCTTGAATCGATTCTGCATTTCAGGGTCGG	Hs.9573	1380	-0.3153125	0.30034534	0.098000846	0.02315	0.51379442	0.918636287
ABCF1	NM_001090_bp1301_R	AGCTAAAAAGACCCTGAAATGCAGAATCGATCTCTTGAATCGATTCTGCATTTCAGGGTCGG	Hs.9573	6756	-0.2841375	0.30737261	0.127389198	0.005875	0.44248575	0.968732908
ABCF1	NM_001090_bp1301_R	AGCTAAAAAGACCCTGAAATGCAGAATCGATCTCTTGAATCGATTCTGCATTTCAGGGTCGG	Hs.9573	12132	-0.3030375	0.31080441	0.112476931	0.26275	0.47346681	0.31844915
ABCF1	NM_001090_bp2324_R	AGCTAAAAAGGGGAGGCCATCAATGAATACTCTCTTGAAGTATTCATTGATGGCCTCCCCGG	Hs.9573	2374	1.0178625	0.77226122	0.029532477	0.23165	1.07922948	0.596833128
ABCF1	NM_001090_bp2324_R	AGCTAAAAAGGGGAGGCCATCAATGAATACTCTCTTGAAGTATTCATTGATGGCCTCCCCGG	Hs.9573	7750	0.9491625	0.75882053	0.036003475	0.2732	0.92653567	0.486782802
ABCF1	NM_001090_bp2324_R	AGCTAAAAAGGGGAGGCCATCAATGAATACTCTCTTGAAGTATTCATTGATGGCCTCCCCGG	Hs.9573	13126	1.0484625	0.72743665	0.022193371	0.20855	1.14696269	0.648901741
ABCF1	NM_001090_bp782_R	AGCTAAAAAGAGCGCCAAGTGGCTTCATTATCTCTTGAATAATGAAGCCACTTGGCGCTCGG	Hs.9573	1379	0.0299875	0.49251815	0.974640112	0.465375	0.66405121	0.160119137
ABCF1	NM_001090_bp782_R	AGCTAAAAAGAGCGCCAAGTGGCTTCATTATCTCTTGAATAATGAAGCCACTTGGCGCTCGG	Hs.9573	6755	0.0768375	0.5038594	0.873023351	0.304425	0.76789647	0.375838974
ABCF1	NM_001090_bp782_R	AGCTAAAAAGAGCGCCAAGTGGCTTCATTATCTCTTGAATAATGAAGCCACTTGGCGCTCGG	Hs.9573	12131	0.0109125	0.39905484	0.899116529	0.376375	0.54673351	0.196201642
ABCF2	NM_007189_bp1336_R	AGCTAAAAAGGGCCTTGCATCTACAATAATTCTCTTGAAATTATTGTAGATGCAAGGCCCGG	Hs.438823	1377	-0.2477125	0.0212345	0.078801682	0.15135	0.69776016	0.627837031
ABCF2	NM_007189_bp1336_R	AGCTAAAAAGGGCCTTGCATCTACAATAATTCTCTTGAAATTATTGTAGATGCAAGGCCCGG	Hs.438823	6753	-0.3587875	0.21103009	0.047957474	0.21775	0.65744966	0.476557877
ABCF2	NM_007189_bp1336_R	AGCTAAAAAGGGCCTTGCATCTACAATAATTCTCTTGAAATTATTGTAGATGCAAGGCCCGG	Hs.438823	12129	-0.4011375	0.15440606	0.027160995	0.276875	0.72825131	0.403106118
ABCF2	NM_007189_bp1499_R	AGCTAAAAAGGCGTTACCATCAGCATTTACTCTCTTGAAGTAAATGCTGATGGTAACGCCGG	Hs.438823	1378	0.4159875	0.3486966	0.099127987	0.2118	0.42098946	0.388357973
ABCF2	NM_007189_bp1499_R	AGCTAAAAAGGCGTTACCATCAGCATTTACTCTCTTGAAGTAAATGCTGATGGTAACGCCGG	Hs.438823	6754	0.3603625	0.3275436	0.135032247	0.1665	0.40742183	0.485324406
ABCF2	NM_007189_bp1499_R	AGCTAAAAAGGCGTTACCATCAGCATTTACTCTCTTGAAGTAAATGCTGATGGTAACGCCGG	Hs.438823	12130	0.3864125	0.34641772	0.120265655	0.240825	0.43257575	0.336703365
ABCF2	NM_007189_bp975_R	AGCTAAAAAGAATGGTGTCTGTACCAATATTCTCTTGAAATATTGGTACAGACACCATTCGG	Hs.438823	2372	0.3988375	0.09646063	0.043661445	0.47545	1.02760292	0.279923713
ABCF2	NM_007189_bp975_R	AGCTAAAAAGAATGGTGTCTGTACCAATATTCTCTTGAAATATTGGTACAGACACCATTCGG	Hs.438823	7748	0.1713125	0.12628813	0.37716355	0.7216	0.66195404	0.049243293
ABCF2	NM_007189_bp975_R	AGCTAAAAAGAATGGTGTCTGTACCAATATTCTCTTGAAATATTGGTACAGACACCATTCGG	Hs.438823	13124	0.0158625	0.29711343	0.904260099	0.4282	0.53112296	0.146757294
ABCF3	NM_018358_bp1047_R	AGCTAAAAAGGGCTTGGCTTTACCCCTAAATCTCTTGAATTTAGGGGTAAAGCCAAGCCCGG	Hs.361323	2370	-1.0075875	0.18686309	0.000881568	0.4571	0.59378499	0.144024227
ABCF3	NM_018358_bp1047_R	AGCTAAAAAGGGCTTGGCTTTACCCCTAAATCTCTTGAATTTAGGGGTAAAGCCAAGCCCGG	Hs.361323	7746	-0.9904125	0.20924771	0.001086448	0.48895	0.53362683	0.105681376
ABCF3	NM_018358_bp1047_R	AGCTAAAAAGGGCTTGGCTTTACCCCTAAATCTCTTGAATTTAGGGGTAAAGCCAAGCCCGG	Hs.361323	13122	-0.9870125	0.21858981	0.001168925	0.41735	0.62757468	0.188401951
ABCF3	NM_018358_bp1461_R	AGCTAAAAAGCCTCTCAAGTGCAGAGTAAATCTCTTGAATTTACTCTGCACTTGAGAGGCGG	Hs.361323	1375	-0.2746875	0.2995375	0.131862283	-0.746125	0.63785251	0.041215274
ABCF3	NM_018358_bp1461_R	AGCTAAAAAGCCTCTCAAGTGCAGAGTAAATCTCTTGAATTTACTCTGCACTTGAGAGGCGG	Hs.361323	6751	-0.3494625	0.34345799	0.090916609	-0.702775	0.59239271	0.043666879
ABCF3	NM_018358_bp1461_R	AGCTAAAAAGCCTCTCAAGTGCAGAGTAAATCTCTTGAATTTACTCTGCACTTGAGAGGCGG	Hs.361323	12127	-0.2806875	0.31518427	0.13296778	-0.788475	0.64203968	0.034196476
ABCF3	NM_018358_bp974_R	AGCTAAAAAGGCAGAAATCTATGCCAAACTTCTCTTGAAAGTTTGGCATAGATTTCTGCCGG	Hs.361323	1376	1.5521625	0.46381832	0.000998111	0.310325	0.63926486	0.31898458
ABCF3	NM_018358_bp974_R	AGCTAAAAAGGCAGAAATCTATGCCAAACTTCTCTTGAAAGTTTGGCATAGATTTCTGCCGG	Hs.361323	6752	1.5838125	0.49663661	0.001120315	0.092225	0.35204811	0.676168582
ABCF3	NM_018358_bp974_R	AGCTAAAAAGGCAGAAATCTATGCCAAACTTCTCTTGAAAGTTTGGCATAGATTTCTGCCGG	Hs.361323	12128	1.6139625	0.43768639	0.00069632	0.161125	0.37137687	0.487246033
ABCG1	NM_004915_bp1007_R	AGCTAAAAAGTCTGCAATCTTGTGCCATATTCTCTTGAAATATGGCACAAGATTGCAGACGG	Hs.124649	1374	2.6752625	0.75476487	0.000414173	0.894775	0.65134892	0.020382208
ABCG1	NM_004915_bp1007_R	AGCTAAAAAGTCTGCAATCTTGTGCCATATTCTCTTGAAATATGGCACAAGATTGCAGACGG	Hs.124649	6750	2.6575375	0.83495438	0.000639944	0.7954	0.76496502	0.046499122
ABCG1	NM_004915_bp1007_R	AGCTAAAAAGTCTGCAATCTTGTGCCATATTCTCTTGAAATATGGCACAAGATTGCAGACGG	Hs.124649	12126	2.7321375	0.6934102	0.000268749	0.652525	0.4779868	0.035629409
ABCG1	NM_004915_bp1098_R	AGCTAAAAAGCGAGTACGGTGATCAGAACATCTCTTGAATGTTCTGATCACCGTACTCGCGG	Hs.124649	1373	0.2327625	0.24341215	0.278565931	-0.079425	0.67817056	0.808485237
ABCG1	NM_004915_bp1098_R	AGCTAAAAAGCGAGTACGGTGATCAGAACATCTCTTGAATGTTCTGATCACCGTACTCGCGG	Hs.124649	6749	0.1529625	0.22701208	0.495355481	-0.128225	0.68341931	0.692948266
ABCG1	NM_004915_bp1098_R	AGCTAAAAAGCGAGTACGGTGATCAGAACATCTCTTGAATGTTCTGATCACCGTACTCGCGG	Hs.124649	12125	0.1684125	0.23315715	0.44626931	0.12635	0.58556808	0.651331487
ABCG1	NM_004915_bp437_R	AGCTAAAAAGGTGAGTTGGTGGCCATTATGTCTCTTGAACATAATGGCCACCAACTCACCGG	Hs.124649	2368	-0.309466667	0.25787761	0.151787831	0.10275	0.35319984	0.749014629
ABCG2	NM_004827_bp1710_R	AGCTAAAAAGGCAGATGCCTTCTTCGTTATTCTCTTGAAATAACGAAGAAGGCATCTGCCGG	Hs.480218	2366	-0.3210375	0.33349426	0.105859138	-0.13715	0.83407283	0.711223966
ABCG2	NM_004827_bp1710_R	AGCTAAAAAGGCAGATGCCTTCTTCGTTATTCTCTTGAAATAACGAAGAAGGCATCTGCCGG	Hs.480218	7742	-0.3805125	0.37871812	0.084514878	-0.1657	0.84472371	0.65671936
ABCG2	NM_004827_bp1710_R	AGCTAAAAAGGCAGATGCCTTCTTCGTTATTCTCTTGAAATAACGAAGAAGGCATCTGCCGG	Hs.480218	13118	-0.3957125	0.34741442	0.067158852	-0.25675	0.81435011	0.481851973
ABCG2	NM_004827_bp2097_R	AGCTAAAAAGGCCTTGGCTTGTATGATTGTTCTCTTGAAACAATCATACAAGCCAAGGCCGG	Hs.480218	1372	-0.4504875	0.50636379	0.092816251	0.371	0.22328235	0.105622005
ABCG2	NM_004827_bp2097_R	AGCTAAAAAGGCCTTGGCTTGTATGATTGTTCTCTTGAAACAATCATACAAGCCAAGGCCGG	Hs.480218	6748	-0.4861125	0.5232745	0.081652754	0.385625	0.27827217	0.106488948
ABCG2	NM_004827_bp2097_R	AGCTAAAAAGGCCTTGGCTTGTATGATTGTTCTCTTGAAACAATCATACAAGCCAAGGCCGG	Hs.480218	12124	-0.3838125	0.50045155	0.130941661	0.436075	0.24014441	0.069024182
ABCG2	NM_004827_bp936_R	AGCTAAAAAGCCTCGATATTCCATCTTCAATCTCTTGAATTGAAGATGGAATATCGAGGCGG	Hs.480218	2364	-0.4921625	0.22995662	0.019705286	-0.040725	0.57171417	0.895613184
ABCG2	NM_004827_bp936_R	AGCTAAAAAGCCTCGATATTCCATCTTCAATCTCTTGAATTGAAGATGGAATATCGAGGCGG	Hs.480218	7740	-0.6238875	0.09030039	0.004274094	0.0196	0.65673642	0.93886915
ABCG2	NM_004827_bp936_R	AGCTAAAAAGCCTCGATATTCCATCTTCAATCTCTTGAATTGAAGATGGAATATCGAGGCGG	Hs.480218	13116	-0.6667875	0.06436902	0.003044651	0.11685	0.48214657	0.641989125
ABCG4	NM_022169_bp1334_R	AGCTAAAAAGCGCTATGGCTGAGAAGAAGATCTCTTGAATCTTCTTCTCAGCCATAGCGCGG	Hs.126378	1371	1.0770625	0.40942889	0.003794814	0.6167	0.50606162	0.048545898
ABCG4	NM_022169_bp1334_R	AGCTAAAAAGCGCTATGGCTGAGAAGAAGATCTCTTGAATCTTCTTCTCAGCCATAGCGCGG	Hs.126378	6747	0.9995875	0.14299332	0.001008927	0.8596	0.44314594	0.010630427
ABCG4	NM_022169_bp1334_R	AGCTAAAAAGCGCTATGGCTGAGAAGAAGATCTCTTGAATCTTCTTCTCAGCCATAGCGCGG	Hs.126378	12123	1.2082625	0.25843542	0.000811784	0.693275	0.40614739	0.022529413
ABCG4	NM_022169_bp651_R	AGCTAAAAAGGCTGGCAAGTCTACATTCATTCTCTTGAAATGAATGTAGACTTGCCAGCCGG	Hs.126378	2362	-1.2381125	0.23490642	0.000459737	-0.1471	0.29489258	0.514377389
ABCG4	NM_022169_bp651_R	AGCTAAAAAGGCTGGCAAGTCTACATTCATTCTCTTGAAATGAATGTAGACTTGCCAGCCGG	Hs.126378	7738	-1.1721375	0.2046044	0.000485857	-0.15455	0.31868652	0.50157623
ABCG4	NM_022169_bp651_R	AGCTAAAAAGGCTGGCAAGTCTACATTCATTCTCTTGAAATGAATGTAGACTTGCCAGCCGG	Hs.126378	13114	-1.1830125	0.19897414	0.000449126	-0.172775	0.33254871	0.459109911
ABCG4	NM_022169_bp709_R	AGCTAAAAAGGGCAGATCCTGGTTAATGGATCTCTTGAATCCATTAACCAGGATCTGCCCGG	Hs.126378	1370	-0.1030875	0.34323881	0.481302821	0.511775	0.3957127	0.064712571
ABCG4	NM_022169_bp709_R	AGCTAAAAAGGGCAGATCCTGGTTAATGGATCTCTTGAATCCATTAACCAGGATCTGCCCGG	Hs.126378	6746	-0.1733375	0.34486657	0.306836776	0.507425	0.28113605	0.047547069
ABCG4	NM_022169_bp709_R	AGCTAAAAAGGGCAGATCCTGGTTAATGGATCTCTTGAATCCATTAACCAGGATCTGCCCGG	Hs.126378	12122	-0.1256875	0.27432771	0.372752302	0.478725	0.30542628	0.061592146
ABCG5	NM_022436_bp172_R	AGCTAAAAAGGTCCATGGGTCTCCAAGTAATCTCTTGAATTACTTGGAGACCCATGGACCGG	Hs.132992	1355	2.0491125	0.69304386	0.001048494	0.33005	1.18353779	0.489949392
ABCG5	NM_022436_bp172_R	AGCTAAAAAGGTCCATGGGTCTCCAAGTAATCTCTTGAATTACTTGGAGACCCATGGACCGG	Hs.132992	6731	2.0400625	0.71516414	0.001203984	0.314075	1.21322866	0.518550307
ABCG5	NM_022436_bp172_R	AGCTAAAAAGGTCCATGGGTCTCCAAGTAATCTCTTGAATTACTTGGAGACCCATGGACCGG	Hs.132992	12107	2.0592875	0.68243224	0.000967721	0.365425	1.21088621	0.455483382
ABCG5	NM_022436_bp2037_R	AGCTAAAAAGCTCTTGTCATCCTAGGAATATCTCTTGAATATTCCTAGGATGACAAGAGCGG	Hs.132992	1356	0.0545625	0.34952752	0.931433676	0.7275	0.29509179	0.012250905
ABCG5	NM_022436_bp2037_R	AGCTAAAAAGCTCTTGTCATCCTAGGAATATCTCTTGAATATTCCTAGGATGACAAGAGCGG	Hs.132992	6732	-0.3220125	0.39241993	0.130359078	0.45805	0.52289383	0.122887515
ABCG5	NM_022436_bp2037_R	AGCTAAAAAGCTCTTGTCATCCTAGGAATATCTCTTGAATATTCCTAGGATGACAAGAGCGG	Hs.132992	12108	-0.5214125	0.27931823	0.020972116	0.710275	0.68797208	0.055073804
ABCG5	NM_022436_bp375_R	AGCTAAAAAGGGCAGATCATGTGCATCCTATCTCTTGAATAGGATGCACATGATCTGCCCGG	Hs.132992	1369	-0.1539875	0.28832678	0.314264395	1.051275	0.36028282	0.002968157

ABCG5	NM_022436_bp375_R	AGCTAAAAAGGGCAGATCATGTGCATCCTATCTCTTGAATAGGATGCACATGATCTGCCCGG	Hs.132992	6745	-0.1750125	0.36649843	0.319670808				1.0231	0.3227171	0.00285021
ABCG5	NM_022436_bp375_R	AGCTAAAAAGGGCAGATCATGTGCATCCTATCTCTTGAATAGGATGCACATGATCTGCCCGG	Hs.132992	12121	-0.2423875	0.38398365	0.215671582				1.0464	0.35435443	0.002954735
ABCG8	NM_022437_bp155_R	AGCTAAAAAGCCTCCAGGATAGATTGTTCTTCTCTTGAAAGAACAATCTATCCTGGAGGCGG	Hs.413931	1354	-1.1566375	0.1403567	0.000362988				0.095225	0.16717213	0.621434224
ABCG8	NM_022437_bp155_R	AGCTAAAAAGCCTCCAGGATAGATTGTTCTTCTCTTGAAAGAACAATCTATCCTGGAGGCGG	Hs.413931	6730	-1.2500375	0.17796297	0.000309602				0.01805	0.10468026	0.909421825
ABCG8	NM_022437_bp155_R	AGCTAAAAAGCCTCCAGGATAGATTGTTCTTCTCTTGAAAGAACAATCTATCCTGGAGGCGG	Hs.413931	12106	-1.0806875	0.26129187	0.001009182				0.156975	0.14899824	0.422325281
ABCG8	NM_022437_bp2001_R	AGCTAAAAAGTACCCTCTCTACGCCATCTATCTCTTGAATAGATGGCGTAGAGAGGGTACGG	Hs.413931	2360	0.0050375	0.72452848	0.919925066				-1.431125	0.82866616	0.005673817
ABCG8	NM_022437_bp2001_R	AGCTAAAAAGTACCCTCTCTACGCCATCTATCTCTTGAATAGATGGCGTAGAGAGGGTACGG	Hs.413931	7736	-0.1177125	0.81806701	0.66837543				-1.329625	0.91866026	0.011248297
ABCG8	NM_022437_bp2001_R	AGCTAAAAAGTACCCTCTCTACGCCATCTATCTCTTGAATAGATGGCGTAGAGAGGGTACGG	Hs.413931	13112	-0.1149875	0.91172288	0.700908935				-0.8597	0.95572553	0.130220581
ABHD6	AK172797_bp1123_R	AGCTAAAAAGTCCAGATACTCTCTCCATCATCTCTTGAATGATGGAGAGAGTATCTGGACGG	Hs.476454	4205							0.104075	0.358122	0.652164852
ABHD6	AK172797_bp1123_R	AGCTAAAAAGTCCAGATACTCTCTCCATCATCTCTTGAATGATGGAGAGAGTATCTGGACGG	Hs.476454	9581							0.197675	0.32951927	0.390941988
ABHD6	AK172797_bp1123_R	AGCTAAAAAGTCCAGATACTCTCTCCATCATCTCTTGAATGATGGAGAGAGTATCTGGACGG	Hs.476454	14957							0.201125	0.26489266	0.358935752
ABHD6	AK172797_bp1171_R	AGCTAAAAAGCAGATCATCTGGGGGAAACATCTCTTGAATGTTTCCCCCAGATGATCTGCGG	Hs.476454	4203	0.4895625	0.36647096	0.051004614				0.558425	0.30181994	0.036401654
ABHD6	AK172797_bp1171_R	AGCTAAAAAGCAGATCATCTGGGGGAAACATCTCTTGAATGTTTCCCCCAGATGATCTGCGG	Hs.476454	9579	0.6721875	0.41246545	0.022008455				0.527525	0.27871344	0.04159323
ABHD6	AK172797_bp1171_R	AGCTAAAAAGCAGATCATCTGGGGGAAACATCTCTTGAATGTTTCCCCCAGATGATCTGCGG	Hs.476454	14955	0.7144375	0.59919556	0.043031365				0.6343	0.34856459	0.026426954
ABHD6	AK172797_bp1217_R	AGCTAAAAAGCAGACATGTTGGCCAAGTCATCTCTTGAATGACTTGGCCAACATGTCTGCGG	Hs.476454	4207	-0.0928125	0.19148888	0.5606345				-0.1566	0.4208322	0.526112276
ABHD6	AK172797_bp1217_R	AGCTAAAAAGCAGACATGTTGGCCAAGTCATCTCTTGAATGACTTGGCCAACATGTCTGCGG	Hs.476454	9583	0.0142125	0.27412272	0.935553878				-0.1648	0.38154864	0.490140425
ABHD6	AK172797_bp1217_R	AGCTAAAAAGCAGACATGTTGGCCAAGTCATCTCTTGAATGACTTGGCCAACATGTCTGCGG	Hs.476454	14959	0.0548875	0.19730644	0.729618288				-0.1324	0.39750947	0.58205089
ABL1	NM_005157_bp1201_R	AGCTAAAAAGGTGGAAGAGTTCTTGAAAGATCTCTTGAATCTTTCAAGAACTCTTCCACCGG	Hs.431048	377	0.319675	0.44485789	0.197392345	-2.046066667	2.75633329	0.177645595			
ABL1	NM_005157_bp1201_R	AGCTAAAAAGGTGGAAGAGTTCTTGAAAGATCTCTTGAATCTTTCAAGAACTCTTCCACCGG	Hs.431048	5753	0.10945	0.71423339	0.734284872	-2.7187	3.93961804	0.200792174			
ABL1	NM_005157_bp1201_R	AGCTAAAAAGGTGGAAGAGTTCTTGAAAGATCTCTTGAATCTTTCAAGAACTCTTCCACCGG	Hs.431048	11129	0.062925	0.67743895	0.837944916	-2.490266667	3.37440689	0.178509669			
ABL1	NM_005157_bp1285_R	AGCTAAAAAGGAGCCCCCGTTCTATATCATTCTCTTGAAATGATATAGAACGGGGGCTCCGG	Hs.431048	378	-0.07675	0.84994826	0.83653351	1.499166667	0.80826757	0.023779067			
ABL1	NM_005157_bp1285_R	AGCTAAAAAGGAGCCCCCGTTCTATATCATTCTCTTGAAATGATATAGAACGGGGGCTCCGG	Hs.431048	5754	-0.601825	1.80208094	0.434439618	0.875033333	0.68955471	0.073203186			
ABL1	NM_005157_bp1285_R	AGCTAAAAAGGAGCCCCCGTTCTATATCATTCTCTTGAAATGATATAGAACGGGGGCTCCGG	Hs.431048	11130	-0.295725	0.9996619	0.500565901	1.360966667	1.03704658	0.056028948			
ABL1	NM_005157_bp625_R	AGCTAAAAAGCTCCGGGTCTTAGGCTATAATCTCTTGAATTATAGCCTAAGACCCGGAGCGG	Hs.431048	5755	-1.760066667	1.42251651	0.043112634	-3.63685	2.08674282	0.044597993			
ABL1	NM_005157_bp625_R	AGCTAAAAAGCTCCGGGTCTTAGGCTATAATCTCTTGAATTATAGCCTAAGACCCGGAGCGG	Hs.431048	11131	-1.802933333	1.46479515	0.043497662	-5.06305	4.08587511	0.087037346			
ABL1	NM_005157_bp625_R	AGCTAAAAAGCTCCGGGTCTTAGGCTATAATCTCTTGAATTATAGCCTAAGACCCGGAGCGG	Hs.431048	379	-1.588825	1.51218321	0.094588367						
ABL2	NM_007314_bp1535_R	AGCTAAAAAGAGCCAAATTTCCTATTAAGTTCTCTTGAAACTTAATAGGAAATTTGGCTCGG	Hs.159472	5782	0.700725	0.25919166	0.007787583	-0.4982	2.16726282	0.635236525			
ABL2	NM_007314_bp1535_R	AGCTAAAAAGAGCCAAATTTCCTATTAAGTTCTCTTGAAACTTAATAGGAAATTTGGCTCGG	Hs.159472	11158	0.549933333	0.2395889	0.046448964	-0.284833333	2.07169956	0.774424133			
ABL2	NM_007314_bp1535_R	AGCTAAAAAGAGCCAAATTTCCTATTAAGTTCTCTTGAAACTTAATAGGAAATTTGGCTCGG	Hs.159472	406	0.404025	0.06947324	0.187068448						
ABL2	NM_007314_bp3686_R	AGCTAAAAAGGACAAACCCTGTCCTTAATATCTCTTGAATATTAAGGACAGGGTTTGTCCGG	Hs.159472	407	-0.526875	0.8435731	0.19334689	0.474433333	1.75371606	0.582123099			
ABL2	NM_007314_bp3686_R	AGCTAAAAAGGACAAACCCTGTCCTTAATATCTCTTGAATATTAAGGACAGGGTTTGTCCGG	Hs.159472	5783	-0.471075	0.88904362	0.255724033	0.5118	1.66091183	0.534644563			
ABL2	NM_007314_bp3686_R	AGCTAAAAAGGACAAACCCTGTCCTTAATATCTCTTGAATATTAAGGACAGGGTTTGTCCGG	Hs.159472	11159	-0.344075	0.9859845	0.431670723	0.497366667	1.58111436	0.52770796			
ABLIM1	NM_002313_bp1060_R	AGCTAAAAAGGAGAGGAAATGTATCTTCAATCTCTTGAATTGAAGATACATTTCCTCTCCGG	Hs.438236	3368	-0.417525	0.40341495	0.094193252				-0.04	0.92492037	0.917656806
ABLIM1	NM_002313_bp1060_R	AGCTAAAAAGGAGAGGAAATGTATCTTCAATCTCTTGAATTGAAGATACATTTCCTCTCCGG	Hs.438236	8744	-0.581733333	0.2993401	0.04788939				0.0943	0.8498365	0.795604211
ABLIM1	NM_002313_bp1060_R	AGCTAAAAAGGAGAGGAAATGTATCTTCAATCTCTTGAATTGAAGATACATTTCCTCTCCGG	Hs.438236	14120	-0.614725	0.26291531	0.01339733				0.012325	0.67294604	0.968229537
ABLIM1	NM_002313_bp129_R	AGCTAAAAAGGGGAAATTGTGCAGCTCTGATCTCTTGAATCAGAGCTGCACAATTTCCCCGG	Hs.438236	3370	0.592175	0.32644297	0.021930681				0.987575	1.96044746	0.213597316
ABLIM1	NM_002313_bp129_R	AGCTAAAAAGGGGAAATTGTGCAGCTCTGATCTCTTGAATCAGAGCTGCACAATTTCCCCGG	Hs.438236	8746	0.6232	0.2247184	0.01025936				0.79805	1.61785017	0.228138195
ABLIM1	NM_002313_bp129_R	AGCTAAAAAGGGGAAATTGTGCAGCTCTGATCTCTTGAATCAGAGCTGCACAATTTCCCCGG	Hs.438236	14122	0.3372	0.11305135	0.056371789				0.19385	0.90994404	0.615711398
ABLIM1	NM_002313_bp2220_R	AGCTAAAAAGCCCAACATGTTGGAACCAAATCTCTTGAATTTGGTTCCAACATGTTGGGCGG	Hs.438236	3366	-0.384825	0.25413111	0.06385162				-0.448125	0.64487856	0.171586473
ABLIM1	NM_002313_bp2220_R	AGCTAAAAAGCCCAACATGTTGGAACCAAATCTCTTGAATTTGGTTCCAACATGTTGGGCGG	Hs.438236	8742	-0.580575	0.11009845	0.007927322				-0.329475	0.58838042	0.273894203
ABLIM1	NM_002313_bp2220_R	AGCTAAAAAGCCCAACATGTTGGAACCAAATCTCTTGAATTTGGTTCCAACATGTTGGGCGG	Hs.438236	14118	-0.38075	0.26682935	0.069484722				-0.11875	0.66110852	0.699833237
ABTB2	AK095632_bp2036_R	AGCTAAAAAGCAGCTCATGTTCGACATCCTTCTCTTGAAAGGATGTCGAACATGAGCTGCGG	Hs.23361	3952	-0.1591125	0.42292023	0.479706532				0.617375	0.46496962	0.043521325
ABTB2	AK095632_bp2036_R	AGCTAAAAAGCAGCTCATGTTCGACATCCTTCTCTTGAAAGGATGTCGAACATGAGCTGCGG	Hs.23361	9328	0.3017625	0.70693349	0.364019276				0.719475	0.35235984	0.016206093
ABTB2	AK095632_bp2036_R	AGCTAAAAAGCAGCTCATGTTCGACATCCTTCTCTTGAAAGGATGTCGAACATGAGCTGCGG	Hs.23361	14704	0.0306125	0.46633264	0.895644581				0.318575	0.76581455	0.362295722
ABTB2	AK095632_bp2372_R	AGCTAAAAAGATGATGCAGTATCTGTACTATCTCTTGAATAGTACAGATACTGCATCATCGG	Hs.23361	3954	0.9044625	0.07747184	0.001024943				0.44505	0.12459991	0.052649107
ABTB2	AK095632_bp2372_R	AGCTAAAAAGATGATGCAGTATCTGTACTATCTCTTGAATAGTACAGATACTGCATCATCGG	Hs.23361	9330	0.8451875	0.06417716	0.001346751				0.320075	0.35768427	0.194491883
ABTB2	AK095632_bp2372_R	AGCTAAAAAGATGATGCAGTATCTGTACTATCTCTTGAATAGTACAGATACTGCATCATCGG	Hs.23361	14706	0.9035625	0.04443485	0.000950495				0.30875	0.71141865	0.354108808
ABTB2	AK095632_bp893_R	AGCTAAAAAGAGAATGACCTTGAACAATGATCTCTTGAATCATTGTTCAAGGTCATTCTCGG	Hs.23361	3956	3.070266667	0.46217012	0.000253084				0.5144	0.24407331	0.041293993
ABTB2	AK095632_bp893_R	AGCTAAAAAGAGAATGACCTTGAACAATGATCTCTTGAATCATTGTTCAAGGTCATTCTCGG	Hs.23361	9332	2.877733333	0.28468545	0.00014085				0.56705	0.32981555	0.037593902
ABTB2	AK095632_bp893_R	AGCTAAAAAGAGAATGACCTTGAACAATGATCTCTTGAATCATTGTTCAAGGTCATTCTCGG	Hs.23361	14708	1.6092625	0.57298412	0.001494274				0.4689	0.14500591	0.045661815
ACTL6A	NM_178042_bp369_R	AGCTAAAAAGGAAGCACATTAATGGAAATATCTCTTGAATATTTCCATTAATGTGCTTCCGG	Hs.435326	2538	-0.140625	0.56937223	0.760295944				-0.0193875	0.71843972	0.942522129
ACTL6A	NM_178042_bp369_R	AGCTAAAAAGGAAGCACATTAATGGAAATATCTCTTGAATATTTCCATTAATGTGCTTCCGG	Hs.435326	7914	-0.167525	0.58788538	0.694754819				0.0141875	0.71471588	0.860372887
ACTL6A	NM_178042_bp369_R	AGCTAAAAAGGAAGCACATTAATGGAAATATCTCTTGAATATTTCCATTAATGTGCTTCCGG	Hs.435326	13290	-0.17715	0.59489345	0.673553375				-0.1397875	0.89811196	0.799372176
ACTL6A	NM_178042_bp467_R	AGCTAAAAAGGAGGCCATTTCACCTCTAAATCTCTTGAATTTAGAGGTGAAATGGCCTCCGG	Hs.435326	2536	0.1249	0.51438723	0.480421511				0.4185875	0.95257956	0.267811843
ACTL6A	NM_178042_bp467_R	AGCTAAAAAGGAGGCCATTTCACCTCTAAATCTCTTGAATTTAGAGGTGAAATGGCCTCCGG	Hs.435326	7912	0.0336	0.51468064	0.719521084				0.4095125	0.92618309	0.267243508
ACTL6A	NM_178042_bp467_R	AGCTAAAAAGGAGGCCATTTCACCTCTAAATCTCTTGAATTTAGAGGTGAAATGGCCTCCGG	Hs.435326	13288	0.053225	0.48078617	0.649528691				0.4141625	0.87783502	0.24573689
ACTL6A	NM_178042_bp739_R	AGCTAAAAAGAGCCACTCATACCACTGCAATCTCTTGAATTGCAGTGGTATGAGTGGCTCGG	Hs.435326	7916	0.6869	0.55988495	0.028707704				-0.0748625	0.77629199	0.925466621
ACTL6A	NM_178042_bp739_R	AGCTAAAAAGAGCCACTCATACCACTGCAATCTCTTGAATTGCAGTGGTATGAGTGGCTCGG	Hs.435326	13292	0.6164	0.55100548	0.038073736				-0.1095625	0.81982129	0.85141839
ACTL6A	NM_178042_bp739_R	AGCTAAAAAGAGCCACTCATACCACTGCAATCTCTTGAATTGCAGTGGTATGAGTGGCTCGG	Hs.435326	2540	0.7756	0.85759663	0.061763401				-0.363675	0.59287368	0.438975127
ACVR1	NM_001105_bp524_R	AGCTAAAAAGGCTTCCACGTCTACCAGAAATCTCTTGAATTTCTGGTAGACGTGGAAGCCGG	Hs.470316	169	0.425275	0.68129844	0.206811622	0.0507625	0.17905117	0.747570131			
ACVR1	NM_001105_bp524_R	AGCTAAAAAGGCTTCCACGTCTACCAGAAATCTCTTGAATTTCTGGTAGACGTGGAAGCCGG	Hs.470316	5545	0.44125	0.67737023	0.191115984	-0.0029875	0.11594472	0.983591177			
ACVR1	NM_001105_bp524_R	AGCTAAAAAGGCTTCCACGTCTACCAGAAATCTCTTGAATTTCTGGTAGACGTGGAAGCCGG	Hs.470316	10921	0.410675	0.61605297	0.190001982	-0.0392375	0.20148158	0.808964242			
ACVR1	NM_001105_bp713_R	AGCTAAAAAGGCCTCATTATTCTCTCTGTATCTCTTGAATACAGAGAGAATAATGAGGCCGG	Hs.470316	170	-0.29235	0.15512757	0.095379725	0.2740125	0.11185528	0.108070449			
ACVR1	NM_001105_bp713_R	AGCTAAAAAGGCCTCATTATTCTCTCTGTATCTCTTGAATACAGAGAGAATAATGAGGCCGG	Hs.470316	5546	-0.169925	0.19554209	0.307960975	0.2737875	0.12704444	0.11251258			
ACVR1	NM_001105_bp713_R	AGCTAAAAAGGCCTCATTATTCTCTCTGTATCTCTTGAATACAGAGAGAATAATGAGGCCGG	Hs.470316	10922	-0.175525	0.22166553	0.309098723	0.2930375	0.0942908	0.087617729			
ACVR1	NM_001105_bp869_R	AGCTAAAAAGACAGCACTTTAGCAGATTTATCTCTTGAATAAATCTGCTAAAGTGCTGTCGG	Hs.470316	171	-1.3233	1.69139942	0.166195883	-0.4734625	0.18313657	0.028613418			
ACVR1	NM_001105_bp869_R	AGCTAAAAAGACAGCACTTTAGCAGATTTATCTCTTGAATAAATCTGCTAAAGTGCTGTCGG	Hs.470316	5547	-0.048			-0.1956	0.01400071	0.493476387			
ACVR1	NM_001105_bp869_R	AGCTAAAAAGACAGCACTTTAGCAGATTTATCTCTTGAATAAATCTGCTAAAGTGCTGTCGG	Hs.470316	10923	-1.17405	1.49687435	0.169794299	-0.4039125	0.24178001	0.060910667			
ACVR1B	NM_004302_bp1323_R	AGCTAAAAAGCTGCCATATTACGACTTAGTTCTCTTGAAACTAAGTCGTAATATGGCAGCGG	Hs.438918	254	-1.285025	0.21216739	0.014268923						
ACVR1B	NM_004302_bp1323_R	AGCTAAAAAGCTGCCATATTACGACTTAGTTCTCTTGAAACTAAGTCGTAATATGGCAGCGG	Hs.438918	5630	-1.145975	0.57390606	0.006580813	0.4514	1.21273661	0.468277143			
ACVR1B	NM_004302_bp1323_R	AGCTAAAAAGCTGCCATATTACGACTTAGTTCTCTTGAAACTAAGTCGTAATATGGCAGCGG	Hs.438918	11006	-1.516825	0.89632987	0.009290513	0.572466667	1.05262161	0.315762334			
ACVR1B	NM_004302_bp1351_R	AGCTAAAAAGACCCTTCCATTGAGGAAATGTCTCTTGAACATTTCCTCAATGGAAGGGTCGG	Hs.438918	255	-2.1569	0.89894485	0.015595694						
ACVR1B	NM_004302_bp1351_R	AGCTAAAAAGACCCTTCCATTGAGGAAATGTCTCTTGAACATTTCCTCAATGGAAGGGTCGG	Hs.438918	5631	-2.174975	2.55809952	0.080917023	-3.643033333	3.57966052	0.090790487			
ACVR1B	NM_004302_bp1351_R	AGCTAAAAAGACCCTTCCATTGAGGAAATGTCTCTTGAACATTTCCTCAATGGAAGGGTCGG	Hs.438918	11007	-4.32215	5.89776956	0.116849558	-3.573833333	3.73719764	0.104626882			
ACVR1C	NM_145259_bp1070_R	AGCTAAAAAGCTCCTTATATGACTATTTGATCTCTTGAATCAAATAGTCATATAAGGAGCGG	Hs.352338	2179	-0.0484	0.30007878	0.791703151	-0.410725	0.12674779	0.036142341			
ACVR1C	NM_145259_bp1070_R	AGCTAAAAAGCTCCTTATATGACTATTTGATCTCTTGAATCAAATAGTCATATAAGGAGCGG	Hs.352338	7555	-0.16065	0.56512221	0.554666475	-0.334375	0.7386357	0.359731757			
ACVR1C	NM_145259_bp1070_R	AGCTAAAAAGCTCCTTATATGACTATTTGATCTCTTGAATCAAATAGTCATATAAGGAGCGG	Hs.352338	12931	0.5917	0.60443488	0.180523499	-0.664775	1.19366085	0.250481461			
ACVR1C	NM_145259_bp1479_R	AGCTAAAAAGGAGTACCAATTGCCTTATTATCTCTTGAATAATAAGGCAATTGGTACTCCGG	Hs.352338	711	-0.1912	0.36304702	0.362332203	0.23035	0.377173	0.308926988			
ACVR1C	NM_145259_bp1479_R	AGCTAAAAAGGAGTACCAATTGCCTTATTATCTCTTGAATAATAAGGCAATTGGTACTCCGG	Hs.352338	6087	-0.230075	0.40292019	0.307202873	0.355175	0.37568679	0.143146925			
ACVR1C	NM_145259_bp1479_R	AGCTAAAAAGGAGTACCAATTGCCTTATTATCTCTTGAATAATAAGGCAATTGGTACTCCGG	Hs.352338	11463	-0.184725	0.30683958	0.34060368	0.40575	0.32328652	0.085353772			
ACVR1C	NM_145259_bp1658_R	AGCTAAAAAGCCTAACTGCTCTTCGTATTATCTCTTGAATAATACGAAGAGCAGTTAGGCGG	Hs.352338	2181	0.19755	0.30924507	0.312852963	0.763725	0.42485599	0.019912375			
ACVR1C	NM_145259_bp1658_R	AGCTAAAAAGCCTAACTGCTCTTCGTATTATCTCTTGAATAATACGAAGAGCAGTTAGGCGG	Hs.352338	7557	0.6574	0.68158712	0.075114508	0.824675	0.46751188	0.019020908			
ACVR1C	NM_145259_bp1658_R	AGCTAAAAAGCCTAACTGCTCTTCGTATTATCTCTTGAATAATACGAAGAGCAGTTAGGCGG	Hs.352338	12933	0.383525	0.4427041	0.133691176	1.111175	0.3409907	0.002925534			
ACVR2	NM_001616_bp1052_R	AGCTAAAAAGCTAGAGGATTGGCATATTTATCTCTTGAATAAATATGCCAATCCTCTAGCGG	Hs.470171	1605	0.421	0.73336729	0.234511157	0.1488625	0.65912568	0.641384415			
ACVR2	NM_001616_bp1052_R	AGCTAAAAAGCTAGAGGATTGGCATATTTATCTCTTGAATAAATATGCCAATCCTCTAGCGG	Hs.470171	6981	0.377725	0.74167162	0.283502926	0.1727125	0.64716887	0.585241415			
ACVR2	NM_001616_bp1052_R	AGCTAAAAAGCTAGAGGATTGGCATATTTATCTCTTGAATAAATATGCCAATCCTCTAGCGG	Hs.470171	12357	0.3384	0.77764838	0.348473384	0.1247875	0.60126684	0.673624017			
ACVR2	NM_001616_bp1577_R	AGCTAAAAAGCTGGATGTGTAGGTGAAAGATCTCTTGAATCTTTCACCTACACATCCAGCGG	Hs.470171	63	-0.047825	0.0676401	0.731780285	0.0084125	0.18391334	0.957484852			
ACVR2	NM_001616_bp1577_R	AGCTAAAAAGCTGGATGTGTAGGTGAAAGATCTCTTGAATCTTTCACCTACACATCCAGCGG	Hs.470171	5439	0.0254	0.13336774	0.862388578	0.1150375	0.27281901	0.53292537			
ACVR2	NM_001616_bp1577_R	AGCTAAAAAGCTGGATGTGTAGGTGAAAGATCTCTTGAATCTTTCACCTACACATCCAGCGG	Hs.470171	10815	0.099575	0.18060045	0.528083373	0.1992875	0.39389128	0.382870716			
ACVR2	NM_001616_bp788_R	AGCTAAAAAGCCCAGTTGCTTAACGAATATTCTCTTGAAATATTCGTTAAGCAACTGGGCGG	Hs.470171	64	0.00265	0.29818693	0.992653878	-0.5724375	0.79338881	0.168093534			
ACVR2	NM_001616_bp788_R	AGCTAAAAAGCCCAGTTGCTTAACGAATATTCTCTTGAAATATTCGTTAAGCAACTGGGCGG	Hs.470171	5440	0.053	0.34209826	0.85887997	-0.5648125	0.80818349	0.178272567			
ACVR2	NM_001616_bp788_R	AGCTAAAAAGCCCAGTTGCTTAACGAATATTCTCTTGAAATATTCGTTAAGCAACTGGGCGG	Hs.470171	10816	0.1203	0.38933299	0.700445283	-0.5687875	0.66563763	0.123749661			
ACVR2B	NM_001106_bp1314_R	AGCTAAAAAGGCCCACCATTAAAGATCACTTCTCTTGAAAGTGATCTTTAATGGTGGGCCGG	Hs.517775	1543	-0.19085	0.36714471	0.365819378	0.0322125	0.26012082	0.855567105			
ACVR2B	NM_001106_bp1314_R	AGCTAAAAAGGCCCACCATTAAAGATCACTTCTCTTGAAAGTGATCTTTAATGGTGGGCCGG	Hs.517775	6919	-0.1956	0.4171451	0.387417108	0.0069375	0.1948919	0.965464473			
ACVR2B	NM_001106_bp1314_R	AGCTAAAAAGGCCCACCATTAAAGATCACTTCTCTTGAAAGTGATCTTTAATGGTGGGCCGG	Hs.517775	12295	-0.115525	0.39243842	0.587358175	-0.0212625	0.13145076	0.885671023			
ACVR2B	NM_001106_bp234_R	AGCTAAAAAGCTGGCTAGATGACTTCAACTTCTCTTGAAAGTTGAAGTCATCTAGCCAGCGG	Hs.517775	172	0.363233333	0.76671334	0.362847246	-0.2179125	0.09365458	0.172841525			
ACVR2B	NM_001106_bp234_R	AGCTAAAAAGCTGGCTAGATGACTTCAACTTCTCTTGAAAGTTGAAGTCATCTAGCCAGCGG	Hs.517775	5548	0.3023	0.43034519	0.378895322	-0.0037625	0.22344111	0.982026435			
ACVR2B	NM_001106_bp234_R	AGCTAAAAAGCTGGCTAGATGACTTCAACTTCTCTTGAAAGTTGAAGTCATCTAGCCAGCGG	Hs.517775	10924	0.421466667	0.66355338	0.25507094	-0.2544875	0.11960342	0.130929887			
ACVR2B	NM_001106_bp79_R	AGCTAAAAAGACACGGGAGTGCATCTACTATCTCTTGAATAGTAGATGCACTCCCGTGTCGG	Hs.517775	10925	1.4281	2.42141646	0.253217554	3.3142	6.56888313	0.321303662			
ACVR2B	NM_001106_bp79_R	AGCTAAAAAGACACGGGAGTGCATCTACTATCTCTTGAATAGTAGATGCACTCCCGTGTCGG	Hs.517775	173	-0.5258	0.27039763	0.136175601	1.682566667	3.57571624	0.352185071			
ACVR2B	NM_001106_bp79_R	AGCTAAAAAGACACGGGAGTGCATCTACTATCTCTTGAATAGTAGATGCACTCCCGTGTCGG	Hs.517775	5549	-0.2054			1.5782	3.5987222	0.381873083			
ACVRL1	NM_000020_bp1006_R	AGCTAAAAAGAGACTGAGATCTATAACACATCTCTTGAATGTGTTATAGATCTCAGTCTCGG		60									
ACVRL1	NM_000020_bp1006_R	AGCTAAAAAGAGACTGAGATCTATAACACATCTCTTGAATGTGTTATAGATCTCAGTCTCGG		5436									
ACVRL1	NM_000020_bp757_R	AGCTAAAAAGAGTCCAGTCTCATCCTGAAATCTCTTGAATTTCAGGATGAGACTGGACTCGG	Hs.410104	1539	-0.8315	0.33749533	0.006202345	0.1332875	0.36230223	0.530516696			
ACVRL1	NM_000020_bp757_R	AGCTAAAAAGAGTCCAGTCTCATCCTGAAATCTCTTGAATTTCAGGATGAGACTGGACTCGG	Hs.410104	6915	-0.816025	0.34151244	0.006873856	0.1229625	0.38897406	0.576920902			
ACVRL1	NM_000020_bp757_R	AGCTAAAAAGAGTCCAGTCTCATCCTGAAATCTCTTGAATTTCAGGATGAGACTGGACTCGG	Hs.410104	12291	-0.74245	0.29495284	0.007619011	0.1954625	0.34709033	0.359526885			
ADAM12	NM_003474_bp2237_R	AGCTAAAAAGCCTGAATCGTCAATGTCAAATCTCTTGAATTTGACATTGACGATTCAGGCGG	Hs.386283	1351	0.7003375	0.37042847	0.018304062				0.081225	0.4554333	0.73676195
ADAM12	NM_003474_bp2237_R	AGCTAAAAAGCCTGAATCGTCAATGTCAAATCTCTTGAATTTGACATTGACGATTCAGGCGG	Hs.386283	6727	0.6059375	0.42216521	0.040819379				0.238725	0.61764778	0.423140557
ADAM12	NM_003474_bp2237_R	AGCTAAAAAGCCTGAATCGTCAATGTCAAATCTCTTGAATTTGACATTGACGATTCAGGCGG	Hs.386283	12103	0.7740625	0.38301653	0.013170078				0.036975	0.29388478	0.851545704
ADAM12	NM_003474_bp2470_R	AGCTAAAAAGCTGCCGGATTTGTGGTTTATTCTCTTGAAATAAACCACAAATCCGGCAGCGG	Hs.386283	2356	-0.4344875	0.20654331	0.0265281				-0.0628	0.91524808	0.877732497
ADAM12	NM_003474_bp2470_R	AGCTAAAAAGCTGCCGGATTTGTGGTTTATTCTCTTGAAATAAACCACAAATCCGGCAGCGG	Hs.386283	7732	-0.4199125	0.20128011	0.028915699				0.393025	0.59328849	0.19795
ADAM12	NM_003474_bp2470_R	AGCTAAAAAGCTGCCGGATTTGTGGTTTATTCTCTTGAAATAAACCACAAATCCGGCAGCGG	Hs.386283	13108	-0.5264625	0.10766471	0.008796661				-0.246775	0.99902045	0.559468171
ADAM12	NM_003474_bp731_R	AGCTAAAAAGGGGACTTATTGTGTTTGAAATCTCTTGAATTTCAAACACAATAAGTCCCCGG	Hs.386283	6726	0.367866667	0.0811383	0.124603635				-0.1536	0.32995358	0.51029229
ADAM12	NM_003474_bp731_R	AGCTAAAAAGGGGACTTATTGTGTTTGAAATCTCTTGAATTTCAAACACAATAAGTCCCCGG	Hs.386283	12102	0.3287875	0.15355974	0.096046013				-0.3655	0.35941223	0.151285249
ADAM12	NM_003474_bp731_R	AGCTAAAAAGGGGACTTATTGTGTTTGAAATCTCTTGAATTTCAAACACAATAAGTCCCCGG	Hs.386283	1350	0.4066	0.21269234	0.12194715				-0.0045	0.24090357	0.996043101
ADAM8	NM_001109_bp1590_R	AGCTAAAAAGGAGTCCTGCTTCTCCTATGATCTCTTGAATCATAGGAGAAGCAGGACTCCGG	Hs.501574	1353	0.4789125	0.4405122	0.093195396				-0.06435	0.70368554	0.849671654
ADAM8	NM_001109_bp1590_R	AGCTAAAAAGGAGTCCTGCTTCTCCTATGATCTCTTGAATCATAGGAGAAGCAGGACTCCGG	Hs.501574	6729	0.4192125	0.44076807	0.133479537				-0.068775	0.62943967	0.827394698
ADAM8	NM_001109_bp1590_R	AGCTAAAAAGGAGTCCTGCTTCTCCTATGATCTCTTGAATCATAGGAGAAGCAGGACTCCGG	Hs.501574	12105	0.3264875	0.41858401	0.220375137				-0.02345	0.60596707	0.946125189
ADAM8	NM_001109_bp312_R	AGCTAAAAAGCAGGACCACTGCTTATACCATCTCTTGAATGGTATAAGCAGTGGTCCTGCGG	Hs.501574	2358	0.0207875	0.53703497	0.947869157				-1.009375	0.5105596	0.007171493
ADAM8	NM_001109_bp312_R	AGCTAAAAAGCAGGACCACTGCTTATACCATCTCTTGAATGGTATAAGCAGTGGTCCTGCGG	Hs.501574	7734	0.1463875	0.58108045	0.6930013				-0.950225	0.46569325	0.007793326
ADAM8	NM_001109_bp312_R	AGCTAAAAAGCAGGACCACTGCTTATACCATCTCTTGAATGGTATAAGCAGTGGTCCTGCGG	Hs.501574	13110	0.0342375	0.65460295	0.990905271				-1.064525	0.44969888	0.004234686
ADAM8	NM_001109_bp751_R	AGCTAAAAAGGCCTGGAGATTTGGAATAGTTCTCTTGAAACTATTCCAAATCTCCAGGCCGG	Hs.501574	1352	-0.0992375	0.31037294	0.473409945				0.038175	0.58713164	0.883085267
ADAM8	NM_001109_bp751_R	AGCTAAAAAGGCCTGGAGATTTGGAATAGTTCTCTTGAAACTATTCCAAATCTCCAGGCCGG	Hs.501574	6728	-0.4801375	0.27604263	0.027301022				-0.025775	0.42029164	0.927944696
ADAM8	NM_001109_bp751_R	AGCTAAAAAGGCCTGGAGATTTGGAATAGTTCTCTTGAAACTATTCCAAATCTCCAGGCCGG	Hs.501574	12104	-0.6690875	0.28306027	0.008740903				-0.00995	0.48565037	0.98095897
ADAR	NM_001111_bp1422_R	AGCTAAAAAGGCAGGAACCTGTCATAAAGTTCTCTTGAAACTTTATGACAGGTTCCTGCCGG	Hs.12341	1349	2.4224625	0.92890124	0.001516192				1.23115	0.54030685	0.003039937
ADAR	NM_001111_bp1422_R	AGCTAAAAAGGCAGGAACCTGTCATAAAGTTCTCTTGAAACTTTATGACAGGTTCCTGCCGG	Hs.12341	6725	2.7496625	0.89351526	0.000717232				1.2555	0.66408304	0.012100246
ADAR	NM_001111_bp1422_R	AGCTAAAAAGGCAGGAACCTGTCATAAAGTTCTCTTGAAACTTTATGACAGGTTCCTGCCGG	Hs.12341	12101	2.7508625	0.87359827	0.000651331				1.2949	0.52883272	0.002215182
ADAR	NM_001111_bp3358_R	AGCTAAAAAGCAGCCCATTTATCTCAAATCTCTCTTGAAGATTTGAGATAAATGGGCTGCGG	Hs.12341	1348	1.2469875	1.03480439	0.03482351				1.31875	0.44993726	0.001405568
ADAR	NM_001111_bp3358_R	AGCTAAAAAGCAGCCCATTTATCTCAAATCTCTCTTGAAGATTTGAGATAAATGGGCTGCGG	Hs.12341	6724	1.1880625	1.03753873	0.04141903				1.35095	0.48661583	0.001502895
ADAR	NM_001111_bp3358_R	AGCTAAAAAGCAGCCCATTTATCTCAAATCTCTCTTGAAGATTTGAGATAAATGGGCTGCGG	Hs.12341	12100	1.1681625	1.11005933	0.053173948				1.3117	0.37314236	0.000992512
ADAR	NM_001111_bp3503_R	AGCTAAAAAGTTGGCAGAGTCAGCATATATTCTCTTGAAATATATGCTGACTCTGCCAACGG	Hs.12341	2354	4.37065	0.89188772	0.000403243				1.690075	0.5819121	0.000750768
ADAR	NM_001111_bp3503_R	AGCTAAAAAGTTGGCAGAGTCAGCATATATTCTCTTGAAATATATGCTGACTCTGCCAACGG	Hs.12341	7730	4.133116667	0.76032548	0.00030427				1.6973	0.54658764	0.000606374
ADAR	NM_001111_bp3503_R	AGCTAAAAAGTTGGCAGAGTCAGCATATATTCTCTTGAAATATATGCTGACTCTGCCAACGG	Hs.12341	13106	4.286783333	0.8884145	0.000429143				1.73975	0.63218121	0.000835346
ADCK1	NM_020421_bp103_R	AGCTAAAAAGCCTCTGGCATCTACTTCTACTCTCTTGAAGTAGAAGTAGATGCCAGAGGCGG	Hs.413208	626	-0.325366667	0.2623455	0.17571601	-0.486625	0.51023443	0.110190896			
ADCK1	NM_020421_bp103_R	AGCTAAAAAGCCTCTGGCATCTACTTCTACTCTCTTGAAGTAGAAGTAGATGCCAGAGGCGG	Hs.413208	6002	-0.1701	0.23386107	0.425911884	0.237933333	0.41912606	0.400663315			
ADCK1	NM_020421_bp103_R	AGCTAAAAAGCCTCTGGCATCTACTTCTACTCTCTTGAAGTAGAAGTAGATGCCAGAGGCGG	Hs.413208	11378	-0.1223	0.30747982	0.589194837	0.271	0.47989779	0.305739823			
ADCK1	NM_020421_bp1335_R	AGCTAAAAAGCTGCTCATCTTGAAGACCAATCTCTTGAATTGGTCTTCAAGATGAGCAGCGG	Hs.413208	627	-0.221875	0.10571343	0.162615615	-0.202175	0.33873553	0.339151171			
ADCK1	NM_020421_bp1335_R	AGCTAAAAAGCTGCTCATCTTGAAGACCAATCTCTTGAATTGGTCTTCAAGATGAGCAGCGG	Hs.413208	6003	0.16485	0.14857316	0.296450912	0.455075	0.4396618	0.100913954			
ADCK1	NM_020421_bp1335_R	AGCTAAAAAGCTGCTCATCTTGAAGACCAATCTCTTGAATTGGTCTTCAAGATGAGCAGCGG	Hs.413208	11379	0.18785	0.11367816	0.227301453	0.463625	0.40506956	0.084139072			

ADCK1	NM_020421_bp857_R	AGCTAAAAAGGCAGGTCAATGACAGAGACTTCTCTTGAAAGTCTCTGTCATTGACCTGCCGG	Hs.413208	628	-0.204725	0.28878082	0.284383389	-0.254233333	0.2168079	0.26878344									
ADCK1	NM_020421_bp857_R	AGCTAAAAAGGCAGGTCAATGACAGAGACTTCTCTTGAAAGTCTCTGTCATTGACCTGCCGG	Hs.413208	6004	-0.018475	0.24146288	0.912286736	-0.0635	0.02630912	0.729318009									
ADCK1	NM_020421_bp857_R	AGCTAAAAAGGCAGGTCAATGACAGAGACTTCTCTTGAAAGTCTCTGTCATTGACCTGCCGG	Hs.413208	11380	-0.00485	0.37705105	0.98110596	0.264266667	0.03386596	0.204224314									
ADCK2	NM_052853_bp1878_R	AGCTAAAAAGCCTTCTCTCTAGTGTCTTTATCTCTTGAATAAAGACACTAGAGAGAAGGCGG	Hs.534141	2071	-0.179825	0.42935107	0.431747343	-1.1754	0.45321604	0.004663986									
ADCK2	NM_052853_bp1878_R	AGCTAAAAAGCCTTCTCTCTAGTGTCTTTATCTCTTGAATAAAGACACTAGAGAGAAGGCGG	Hs.534141	7447	-0.492525	0.47279197	0.07898528	-0.813275	0.30744549	0.008114436									
ADCK2	NM_052853_bp1878_R	AGCTAAAAAGCCTTCTCTCTAGTGTCTTTATCTCTTGAATAAAGACACTAGAGAGAAGGCGG	Hs.534141	12823	1.39975	2.17548558	0.160781722	-0.70525	0.56090126	0.048702952									
ADCK2	NM_052853_bp488_R	AGCTAAAAAGGCGCTCTGTTGGTGAAATTCTCTCTTGAAGAATTTCACCAACAGAGCGCCGG	Hs.534141	2073	0.2566	0.4483057	0.452558033	1.1516	1.02728473	0.131749487									
ADCK2	NM_052853_bp488_R	AGCTAAAAAGGCGCTCTGTTGGTGAAATTCTCTCTTGAAGAATTTCACCAACAGAGCGCCGG	Hs.534141	12825	0.22935	1.13950258	0.689140947	-0.640633333	0.96735745	0.241373164									
ADCK2	NM_052853_bp488_R	AGCTAAAAAGGCGCTCTGTTGGTGAAATTCTCTCTTGAAGAATTTCACCAACAGAGCGCCGG	Hs.534141	7449	-0.1591	0.78757553	0.716023541	-1.6919											
ADCK2	NM_052853_bp811_R	AGCTAAAAAGGCCCAGGTGTACAAAGCATATCTCTTGAATATGCTTTGTACACCTGGGCCGG	Hs.534141	2075	0.385933333	1.04556059	0.446251162	-0.201525	1.14319933	0.696432587									
ADCK2	NM_052853_bp811_R	AGCTAAAAAGGCCCAGGTGTACAAAGCATATCTCTTGAATATGCTTTGTACACCTGGGCCGG	Hs.534141	7451	0.301366667	0.97208097	0.521684813	0.305566667	1.16718873	0.603743029									
ADCK2	NM_052853_bp811_R	AGCTAAAAAGGCCCAGGTGTACAAAGCATATCTCTTGAATATGCTTTGTACACCTGGGCCGG	Hs.534141	12827	0.471133333	1.07163098	0.370305366	0.266366667	1.17726603	0.651741731									
ADCK4	NM_024876_bp1183_R	AGCTAAAAAGCTGTTTGAGTTCCGATTCATTCTCTTGAAATGAATCGGAACTCAAACAGCGG	Hs.130712	701	-0.8352	0.44832262	0.027729868	-0.591475	0.50008572	0.063591091									
ADCK4	NM_024876_bp1183_R	AGCTAAAAAGCTGTTTGAGTTCCGATTCATTCTCTTGAAATGAATCGGAACTCAAACAGCGG	Hs.130712	6077	-0.29945	0.03613316	0.294120681	-0.275225	0.51442034	0.320310522									
ADCK4	NM_024876_bp1183_R	AGCTAAAAAGCTGTTTGAGTTCCGATTCATTCTCTTGAAATGAATCGGAACTCAAACAGCGG	Hs.130712	11453	-0.2057	0.09729789	0.452701105	-0.2735	0.53324908	0.33439601									
ADCK4	NM_024876_bp530_R	AGCTAAAAAGAGCGGATTGTGCAGACCTTATCTCTTGAATAAGGTCTGCACAATCCGCTCGG	Hs.130712	1925	-0.0786	0.44080667	0.764511611	-0.14175	0.70689465	0.750794221									
ADCK4	NM_024876_bp530_R	AGCTAAAAAGAGCGGATTGTGCAGACCTTATCTCTTGAATAAGGTCTGCACAATCCGCTCGG	Hs.130712	7301	0.1803	0.49341911	0.601262714	-0.1751	0.77909025	0.713688617									
ADCK4	NM_024876_bp530_R	AGCTAAAAAGAGCGGATTGTGCAGACCTTATCTCTTGAATAAGGTCTGCACAATCCGCTCGG	Hs.130712	12677	-0.30785	0.89800106	0.443817533	-1.444525	3.02397314	0.302598315									
ADCK5	NM_174922_bp66_R	AGCTAAAAAGGTGCAGCTCTGTCATTTCCATCTCTTGAATGGAAATGACAGAGCTGCACCGG	Hs.283374	759				-0.9137	0.67126717	0.033818792									
ADCK5	NM_174922_bp66_R	AGCTAAAAAGGTGCAGCTCTGTCATTTCCATCTCTTGAATGGAAATGACAGAGCTGCACCGG	Hs.283374	6135	1.434075	1.41019127	0.050563735	-0.74875	0.55065023	0.038813144									
ADCK5	NM_174922_bp66_R	AGCTAAAAAGGTGCAGCTCTGTCATTTCCATCTCTTGAATGGAAATGACAGAGCTGCACCGG	Hs.283374	11511	1.85225	1.451609	0.023474489	-1.195325	0.69382834	0.014820524									
ADCK5	NM_174922_bp876_R	AGCTAAAAAGGAGCTGGACTTCGAGAATGATCTCTTGAATCATTCTCGAAGTCCAGCTCCGG	Hs.283374	760	-0.151475	0.58683544	0.587022091	-0.356425	0.77609595	0.350289356									
ADCK5	NM_174922_bp876_R	AGCTAAAAAGGAGCTGGACTTCGAGAATGATCTCTTGAATCATTCTCGAAGTCCAGCTCCGG	Hs.283374	6136	-0.288725	0.65611083	0.357014981	-0.273525	0.54674975	0.342422142									
ADCK5	NM_174922_bp876_R	AGCTAAAAAGGAGCTGGACTTCGAGAATGATCTCTTGAATCATTCTCGAAGTCCAGCTCCGG	Hs.283374	11512	-0.13265	0.44811949	0.566301652	-0.217725	0.63978549	0.492113215									
ADD3	NM_016824_bp1308_R	AGCTAAAAAGCAACTAGCCTGTGAGATTCATCTCTTGAATGAATCTCACAGGCTAGTTGCGG	Hs.501012	3396	-0.880675	0.4183649	0.008018755				-0.2378375	0.44501181	0.356483013	0.850575	0.53493594	0.050090158	-0.221725	0.91625581	0.661531099
ADD3	NM_016824_bp1308_R	AGCTAAAAAGCAACTAGCCTGTGAGATTCATCTCTTGAATGAATCTCACAGGCTAGTTGCGG	Hs.501012	8772	-0.815075	0.45381405	0.013366921				-0.2374375	0.4167012	0.345106887	0.72035	0.55452828	0.080510419	-0.151525	0.86311505	0.748715006
ADD3	NM_016824_bp1308_R	AGCTAAAAAGCAACTAGCCTGTGAGATTCATCTCTTGAATGAATCTCACAGGCTAGTTGCGG	Hs.501012	14148	-0.889325	0.39695917	0.006772403				-0.1825875	0.48621698	0.489199514	0.7609	0.54565244	0.068478343	-0.1451	0.91344364	0.771542452
ADD3	NM_016824_bp1948_R	AGCTAAAAAGCTGGAATTGTTGTGGATAAGTCTCTTGAACTTATCCACAACAATTCCAGCGG	Hs.501012	3394	-0.8458	0.32663547	0.005395563				-0.2425875	0.41158668	0.333358253	0.08765	0.60011971	0.789239767	-0.3103	0.76371455	0.475938615
ADD3	NM_016824_bp1948_R	AGCTAAAAAGCTGGAATTGTTGTGGATAAGTCTCTTGAACTTATCCACAACAATTCCAGCGG	Hs.501012	8770	-0.6247	0.26391238	0.012657088				-0.3225375	0.25426526	0.159052234	0.1499	0.56099011	0.63012438	-0.31515	0.80680621	0.491649528
ADD3	NM_016824_bp1948_R	AGCTAAAAAGCTGGAATTGTTGTGGATAAGTCTCTTGAACTTATCCACAACAATTCCAGCGG	Hs.501012	14146	-0.745375	0.38480192	0.012802737				-0.3051375	0.23855995	0.174742141	0.186675	0.64763283	0.604697233	-0.277075	0.74646254	0.511705802
ADD3	NM_016824_bp2239_R	AGCTAAAAAGTGCCTGTCATGGTAGTAAATTCTCTTGAAATTTACTACCATGACAGGCACGG	Hs.501012	3392	0.8392	0.17183539	0.009664806				0.03205	0.08973185	0.923142334	0.931525	0.56595891	0.046014124	-0.090975	0.68463665	0.807640149
ADD3	NM_016824_bp2239_R	AGCTAAAAAGTGCCTGTCATGGTAGTAAATTCTCTTGAAATTTACTACCATGACAGGCACGG	Hs.501012	8768	0.936466667	0.13174404	0.005852702				-0.0013	0.12643069	0.99689114	1.053225	0.38144332	0.011697035	0.002375	0.6139918	0.994313111
ADD3	NM_016824_bp2239_R	AGCTAAAAAGTGCCTGTCATGGTAGTAAATTCTCTTGAAATTTACTACCATGACAGGCACGG	Hs.501012	14144	0.2725	0.42850516	0.251263756				-0.0969875	0.22765063	0.639877582	1.060375	0.42126783	0.015107256	-0.057875	0.66165222	0.872266724
ADM	NM_001124_bp235_R	AGCTAAAAAGCGTCGGAGTTTCGAAAGAAGTCTCTTGAACTTCTTTCGAAACTCCGACGCGG	Hs.441047	1347	-0.3793625	0.11245622	0.028322355				0.16185	0.70601957	0.606787751						
ADM	NM_001124_bp235_R	AGCTAAAAAGCGTCGGAGTTTCGAAAGAAGTCTCTTGAACTTCTTTCGAAACTCCGACGCGG	Hs.441047	6723	0.0212125	0.25427624	0.923062811				0.398875	0.81097182	0.276214357						
ADM	NM_001124_bp235_R	AGCTAAAAAGCGTCGGAGTTTCGAAAGAAGTCTCTTGAACTTCTTTCGAAACTCCGACGCGG	Hs.441047	12099	-0.2147375	0.32965057	0.224728378				0.5414	0.36848104	0.047233383						
ADM	NM_001124_bp525_R	AGCTAAAAAGATCTACCAGTTCACAGATAATCTCTTGAATTATCTGTGAACTGGTAGATCGG	Hs.441047	2328	1.4989375	1.09150961	0.021324357				-0.937825	1.03991964	0.061112739						
ADM	NM_001124_bp525_R	AGCTAAAAAGATCTACCAGTTCACAGATAATCTCTTGAATTATCTGTGAACTGGTAGATCGG	Hs.441047	7704	1.3871875	0.95588525	0.018408467				-0.949575	1.08137448	0.064920696						
ADM	NM_001124_bp525_R	AGCTAAAAAGATCTACCAGTTCACAGATAATCTCTTGAATTATCTGTGAACTGGTAGATCGG	Hs.441047	13080	1.5058625	1.13315348	0.023725756				-0.8692	1.04734179	0.078417911						
ADRBK1	NM_001619_bp2066_R	AGCTAAAAAGTGCCCAAGATGAAGAACAAGTCTCTTGAACTTGTTCTTCATCTTGGGCACGG	Hs.83636	12359															
ADRBK1	NM_001619_bp2066_R	AGCTAAAAAGTGCCCAAGATGAAGAACAAGTCTCTTGAACTTGTTCTTCATCTTGGGCACGG	Hs.83636	1607															
ADRBK1	NM_001619_bp2066_R	AGCTAAAAAGTGCCCAAGATGAAGAACAAGTCTCTTGAACTTGTTCTTCATCTTGGGCACGG	Hs.83636	6983															
ADRBK1	NM_001619_bp560_R	AGCTAAAAAGGGGACGTGTTCCAGAAATTCTCTCTTGAAGAATTTCTGGAACACGTCCCCGG	Hs.83636	1633	2.1009	1.80826162	0.04954087	-0.0654375	0.58619366	0.820413141									
ADRBK1	NM_001619_bp560_R	AGCTAAAAAGGGGACGTGTTCCAGAAATTCTCTCTTGAAGAATTTCTGGAACACGTCCCCGG	Hs.83636	7009	2.469433333	2.37295779	0.065326476	-0.0775125	0.52224711	0.769708577									
ADRBK1	NM_001619_bp560_R	AGCTAAAAAGGGGACGTGTTCCAGAAATTCTCTCTTGAAGAATTTCTGGAACACGTCCCCGG	Hs.83636	12385	4.324833333	5.54336954	0.128516563	-0.0723125	0.55168634	0.792945602									
ADRBK1	NM_001619_bp956_R	AGCTAAAAAGAGGCTGACATGCGCTTCTATTCTCTTGAAATAGAAGCGCATGTCAGCCTCGG	Hs.83636	65	0.241666667	0.48978079	0.40529678	-0.1182375	0.51305854	0.653299281									
ADRBK1	NM_001619_bp956_R	AGCTAAAAAGAGGCTGACATGCGCTTCTATTCTCTTGAAATAGAAGCGCATGTCAGCCTCGG	Hs.83636	5441	0.136133333	0.58806219	0.665226152	-0.1182875	0.57250374	0.678262244									
ADRBK1	NM_001619_bp956_R	AGCTAAAAAGAGGCTGACATGCGCTTCTATTCTCTTGAAATAGAAGCGCATGTCAGCCTCGG	Hs.83636	10817	0.156566667	0.60768069	0.627642649	-0.1626875	0.60823744	0.58896337									
ADRBK2	BC014216_bp142_R	AGCTAAAAAGCCAGAGGACTATTTAATTTATCTCTTGAATAAATTAAATAGTCCTCTGGCGG	Hs.517493	49	-0.61965	0.13116172	0.006586956	0.4218875	1.4089189	0.509672797									
ADRBK2	BC014216_bp142_R	AGCTAAAAAGCCAGAGGACTATTTAATTTATCTCTTGAATAAATTAAATAGTCCTCTGGCGG	Hs.517493	5425	-0.6262	0.16915313	0.007510528	0.5110375	1.47946204	0.44972616									
ADRBK2	BC014216_bp142_R	AGCTAAAAAGCCAGAGGACTATTTAATTTATCTCTTGAATAAATTAAATAGTCCTCTGGCGG	Hs.517493	10801	-0.7267	0.21555562	0.005185569	0.4442375	1.45360628	0.50085458									
ADRBK2	BC014216_bp171_R	AGCTAAAAAGCAGGGTGCTTGTGAGAGAAATCTCTTGAATTTCTCTCACAAGCACCCTGCGG	Hs.517493	50	-0.4611			0.0479											
ADRBK2	BC014216_bp171_R	AGCTAAAAAGCAGGGTGCTTGTGAGAGAAATCTCTTGAATTTCTCTCACAAGCACCCTGCGG	Hs.517493	5426	-0.4368														
ADRBK2	BC014216_bp171_R	AGCTAAAAAGCAGGGTGCTTGTGAGAGAAATCTCTTGAATTTCTCTCACAAGCACCCTGCGG	Hs.517493	10802	-0.4852			0.2043											
ADRBK2	BC014216_bp2962_R	AGCTAAAAAGAGAGAGCATTGGGACAAATATCTCTTGAATATTTGTCCCAATGCTCTCTCGG	Hs.517493	51	1.358675	1.50829422	0.071880428	0.0346375	0.49773964	0.891821539									
ADRBK2	BC014216_bp2962_R	AGCTAAAAAGAGAGAGCATTGGGACAAATATCTCTTGAATATTTGTCCCAATGCTCTCTCGG	Hs.517493	5427	1.9933	0.20449528	0.004044395	0.0090375	0.50097165	0.971794239									
ADRBK2	BC014216_bp2962_R	AGCTAAAAAGAGAGAGCATTGGGACAAATATCTCTTGAATATTTGTCCCAATGCTCTCTCGG	Hs.517493	10803	1.0137	1.81135328	0.213781323	0.0515875	0.52131189	0.844875808									
AES	AK095154_bp1617_R	AGCTAAAAAGCAGGTTGTGTACTGCACAAATCTCTTGAATTTGTGCAGTACACAACCTGCGG	Hs.515053	4958	0.2220625	0.28392572	0.247296727	-0.5924375	0.6728616	0.114830522									
AES	AK095154_bp1617_R	AGCTAAAAAGCAGGTTGTGTACTGCACAAATCTCTTGAATTTGTGCAGTACACAACCTGCGG	Hs.515053	10334	0.0891875	0.18231469	0.571193022	-0.6859625	0.66611012	0.077571806									
AES	AK095154_bp1617_R	AGCTAAAAAGCAGGTTGTGTACTGCACAAATCTCTTGAATTTGTGCAGTACACAACCTGCGG	Hs.515053	15710	0.3527125	0.3767846	0.129803499	-0.6319625	0.67825034	0.099693888									
AES	AK095154_bp3243_R	AGCTAAAAAGCTGTGCCTTTCCAATAAAGATCTCTTGAATCTTTATTGGAAAGGCACAGCGG	Hs.515053	4962	-0.4302375	0.14388062	0.028115897	-0.8981375	0.51557004	0.017971616									
AES	AK095154_bp3243_R	AGCTAAAAAGCTGTGCCTTTCCAATAAAGATCTCTTGAATCTTTATTGGAAAGGCACAGCGG	Hs.515053	10338	-0.4817375	0.08899621	0.015463809	-0.9715625	0.60972758	0.021291664									
AES	AK095154_bp3243_R	AGCTAAAAAGCTGTGCCTTTCCAATAAAGATCTCTTGAATCTTTATTGGAAAGGCACAGCGG	Hs.515053	15714	-0.0797625	0.77603952	0.816824722	-0.7970875	0.91447132	0.106006036									
AES	AK095154_bp331_R	AGCTAAAAAGCCACTCCCCTATCTCTTTGTTCTCTTGAAACAAAGAGATAGGGGAGTGGCGG	Hs.515053	4960	0.7128625	0.17735346	0.004554891	-0.3496625	0.64227315	0.290812744									
AES	AK095154_bp331_R	AGCTAAAAAGCCACTCCCCTATCTCTTTGTTCTCTTGAAACAAAGAGATAGGGGAGTGGCGG	Hs.515053	10336	0.7019125	0.08202008	0.00323784	-0.1101875	0.46109884	0.651858456									
AES	AK095154_bp331_R	AGCTAAAAAGCCACTCCCCTATCTCTTTGTTCTCTTGAAACAAAGAGATAGGGGAGTGGCGG	Hs.515053	15712	0.9206875	0.18959496	0.001583169	0.0208375	0.3370933	0.916817615									
AFF2	NM_002025_bp3735_R	AGCTAAAAAGCTGATGCACTGTTCGAGAAATCTCTTGAATTTCTCGAACAGTGCATCAGCGG	Hs.496911	3322	-1.3204	0.32581134	0.000738849				-0.932275	0.51223246	0.010266943						
AFF2	NM_002025_bp3735_R	AGCTAAAAAGCTGATGCACTGTTCGAGAAATCTCTTGAATTTCTCGAACAGTGCATCAGCGG	Hs.496911	8698	-1.327475	0.38744461	0.001101379				-1.049	0.52349532	0.006323547						
AFF2	NM_002025_bp3735_R	AGCTAAAAAGCTGATGCACTGTTCGAGAAATCTCTTGAATTTCTCGAACAGTGCATCAGCGG	Hs.496911	14074	-1.27075	0.32694332	0.000889332				-0.8926	0.52284874	0.01297157						
AFF2	NM_002025_bp3786_R	AGCTAAAAAGCCCTCTCCTTCACTGAATGTTCTCTTGAAACATTCAGTGAAGGAGAGGGCGG	Hs.496911	3320	-0.409825	0.32984464	0.073529555				-0.690625	0.4554787	0.028052089						
AFF2	NM_002025_bp3786_R	AGCTAAAAAGCCCTCTCCTTCACTGAATGTTCTCTTGAAACATTCAGTGAAGGAGAGGGCGG	Hs.496911	8696	-0.309375	0.25007025	0.113346067				-0.726	0.50455774	0.027810229						
AFF2	NM_002025_bp3786_R	AGCTAAAAAGCCCTCTCCTTCACTGAATGTTCTCTTGAAACATTCAGTGAAGGAGAGGGCGG	Hs.496911	14072	-0.462575	0.30427094	0.045516888				-0.5933	0.59818903	0.07498293						
AFF2	NM_002025_bp515_R	AGCTAAAAAGGAGCAGCAGTGTCACTATGATCTCTTGAATCATAGTGACACTGCTGCTCCGG	Hs.496911	3318	0.08825	0.42068518	0.688688863				0.72565	1.22397414	0.169537692						
AFF2	NM_002025_bp515_R	AGCTAAAAAGGAGCAGCAGTGTCACTATGATCTCTTGAATCATAGTGACACTGCTGCTCCGG	Hs.496911	8694	0.09465	0.38451407	0.651222972				0.647825	1.02528976	0.157806433						
AFF2	NM_002025_bp515_R	AGCTAAAAAGGAGCAGCAGTGTCACTATGATCTCTTGAATCATAGTGACACTGCTGCTCCGG	Hs.496911	14070	-0.096375	0.35037778	0.628732819				-0.04375	0.33006899	0.844806952						
AHR	NM_001621_bp1622_R	AGCTAAAAAGCAGCTGATATGCTTTATTGTTCTCTTGAAACAATAAAGCATATCAGCTGCGG	Hs.171189	3276	-1.0097	0.51936113	0.008214098				-0.1406	0.52860587	0.6059599						
AHR	NM_001621_bp1622_R	AGCTAAAAAGCAGCTGATATGCTTTATTGTTCTCTTGAAACAATAAAGCATATCAGCTGCGG	Hs.171189	8652	-0.97795	0.53559855	0.010204132				-0.060875	0.48462449	0.813982624						
AHR	NM_001621_bp1622_R	AGCTAAAAAGCAGCTGATATGCTTTATTGTTCTCTTGAAACAATAAAGCATATCAGCTGCGG	Hs.171189	14028	-0.8833	0.47730882	0.011119398				-0.074675	0.52897179	0.782409216						
AHR	NM_001621_bp2990_R	AGCTAAAAAGTGGGTCAGATGCAGTACAATTCTCTTGAAATTGTACTGCATCTGACCCACGG	Hs.171189	3274	0.29075	0.41824834	0.219090233				-0.091875	0.59708315	0.750681231						
AHR	NM_001621_bp2990_R	AGCTAAAAAGTGGGTCAGATGCAGTACAATTCTCTTGAAATTGTACTGCATCTGACCCACGG	Hs.171189	8650	0.177425	0.37674927	0.404054142				-0.1	0.62918956	0.737481693						
AHR	NM_001621_bp2990_R	AGCTAAAAAGTGGGTCAGATGCAGTACAATTCTCTTGAAATTGTACTGCATCTGACCCACGG	Hs.171189	14026	0.041775	0.30016013	0.81953691				-0.172325	0.47503078	0.508575493						
AHR	NM_001621_bp885_R	AGCTAAAAAGCTTCTTTGATGTTGCATTAATCTCTTGAATTAATGCAACATCAAAGAAGCGG	Hs.171189	3272	1.01285	0.73439541	0.022695104				1.320325	1.13815843	0.023171027						
AHR	NM_001621_bp885_R	AGCTAAAAAGCTTCTTTGATGTTGCATTAATCTCTTGAATTAATGCAACATCAAAGAAGCGG	Hs.171189	8648	0.48315	0.23698485	0.028365582				1.1731	0.19507207	0.000846156						
AHR	NM_001621_bp885_R	AGCTAAAAAGCTTCTTTGATGTTGCATTAATCTCTTGAATTAATGCAACATCAAAGAAGCGG	Hs.171189	14024	0.6016	0.37228651	0.026475265				1.7586	0.33232102	0.000164836						
AICDA	AB040431_bp102_R	AGCTAAAAAGGAAGTTTCTTTACCAATTCATCTCTTGAATGAATTGGTAAAGAAACTTCCGG	Hs.149342	3735	-0.712275	0.22116078	0.005826334				-0.1819375	0.34767495	0.43465106						
AICDA	AB040431_bp102_R	AGCTAAAAAGGAAGTTTCTTTACCAATTCATCTCTTGAATGAATTGGTAAAGAAACTTCCGG	Hs.149342	9111	-0.844025	0.08679935	0.001447499				-0.0940375	0.42353042	0.700977364						
AICDA	AB040431_bp102_R	AGCTAAAAAGGAAGTTTCTTTACCAATTCATCTCTTGAATGAATTGGTAAAGAAACTTCCGG	Hs.149342	14487	-0.288875	0.4725763	0.25320424				0.0127125	0.70773242	0.968276724						
AICDA	AB040431_bp645_R	AGCTAAAAAGAGACGCATTTCGTACTTTGGTCTCTTGAACCAAAGTACGAAATGCGTCTCGG	Hs.149342	3737	-0.0771	0.22113845	0.640014281				-0.2498375	0.60182743	0.402318196						
AICDA	AB040431_bp645_R	AGCTAAAAAGAGACGCATTTCGTACTTTGGTCTCTTGAACCAAAGTACGAAATGCGTCTCGG	Hs.149342	9113	-0.068475	0.25204402	0.689924807				-0.1429875	0.67273789	0.646990499						
AICDA	AB040431_bp645_R	AGCTAAAAAGAGACGCATTTCGTACTTTGGTCTCTTGAACCAAAGTACGAAATGCGTCTCGG	Hs.149342	14489	0.139825	0.16918588	0.378842763				-0.1461625	0.64019912	0.629629383						
AKAP12	NM_005100_bp1290_R	AGCTAAAAAGCCCCGGTTATCAGCTGAATATCTCTTGAATATTCAGCTGATAACCGGGGCGG	Hs.371240	1344	-0.2775625	0.65001119	0.315165131				0.19505	0.14043253	0.325811754						
AKAP12	NM_005100_bp1290_R	AGCTAAAAAGCCCCGGTTATCAGCTGAATATCTCTTGAATATTCAGCTGATAACCGGGGCGG	Hs.371240	6720	-0.3305625	0.61556766	0.231999248				0.151325	0.26880028	0.472983364						
AKAP12	NM_005100_bp1290_R	AGCTAAAAAGCCCCGGTTATCAGCTGAATATCTCTTGAATATTCAGCTGATAACCGGGGCGG	Hs.371240	12096	-0.3088625	0.60670775	0.252187174				0.3061	0.07583262	0.138403491						
AKAP12	NM_005100_bp3454_R	AGCTAAAAAGAGACGGATGTAGTGTTGAAATCTCTTGAATTTCAACACTACATCCGTCTCGG	Hs.371240	1346	1.1432125	0.19703266	0.000719241				-0.330825	1.0084025	0.441991798						
AKAP12	NM_005100_bp3454_R	AGCTAAAAAGAGACGGATGTAGTGTTGAAATCTCTTGAATTTCAACACTACATCCGTCTCGG	Hs.371240	6722	1.1524625	0.24825086	0.000961394				-0.252425	0.94965579	0.53625887						
AKAP12	NM_005100_bp3454_R	AGCTAAAAAGAGACGGATGTAGTGTTGAAATCTCTTGAATTTCAACACTACATCCGTCTCGG	Hs.371240	12098	1.1236875	0.23341008	0.00098681				-0.2209	0.89379354	0.570746437						
AKAP12	NM_005100_bp4435_R	AGCTAAAAAGAGGCATCATTCACTCTAACATCTCTTGAATGTTAGAGTGAATGATGCCTCGG	Hs.371240	1345	1.2994875	1.10315984	0.036553811				1.502925	1.13456601	0.012972355						
AKAP12	NM_005100_bp4435_R	AGCTAAAAAGAGGCATCATTCACTCTAACATCTCTTGAATGTTAGAGTGAATGATGCCTCGG	Hs.371240	6721	1.3939875	0.87742374	0.013422525				1.52135	1.20809901	0.015423766						
AKAP12	NM_005100_bp4435_R	AGCTAAAAAGAGGCATCATTCACTCTAACATCTCTTGAATGTTAGAGTGAATGATGCCTCGG	Hs.371240	12097	1.3873125	0.99625666	0.020902214				1.523025	1.2009431	0.015041757						
AKAP8L	NM_014371_bp1267_R	AGCTAAAAAGTGTGTTCTCTGTGCAAATACTCTCTTGAAGTATTTGCACAGAGAACACACGG	Hs.399800	2883	1.9543	1.036957	0.005053455				1.3819375	1.11389094	0.016049353						
AKAP8L	NM_014371_bp1267_R	AGCTAAAAAGTGTGTTCTCTGTGCAAATACTCTCTTGAAGTATTTGCACAGAGAACACACGG	Hs.399800	8259	2.0386	0.94844385	0.003162786				1.4632625	1.13694645	0.013669341						
AKAP8L	NM_014371_bp1267_R	AGCTAAAAAGTGTGTTCTCTGTGCAAATACTCTCTTGAAGTATTTGCACAGAGAACACACGG	Hs.399800	13635	2.02225	1.00580143	0.004123566				1.5226375	1.09421736	0.010062583						
AKAP8L	NM_014371_bp1675_R	AGCTAAAAAGCCCGCAGTATTCTCAACAACTCTCTTGAAGTTGTTGAGAATACTGCGGGCGG	Hs.399800	2855	-0.203675	0.23558029	0.383491718				1.0830375	0.59116821	0.006254337						
AKAP8L	NM_014371_bp1675_R	AGCTAAAAAGCCCGCAGTATTCTCAACAACTCTCTTGAAGTTGTTGAGAATACTGCGGGCGG	Hs.399800	8231	-0.22445	0.16180321	0.291787013				1.0788125	0.57168391	0.005801624						
AKAP8L	NM_014371_bp1675_R	AGCTAAAAAGCCCGCAGTATTCTCAACAACTCTCTTGAAGTTGTTGAGAATACTGCGGGCGG	Hs.399800	13607	-0.161525	0.1421783	0.48374697				0.7980625	0.61804449	0.024329426						
AKAP8L	NM_014371_bp944_R	AGCTAAAAAGCAGTCCTGATGAGCCAGATATCTCTTGAATATCTGGCTCATCAGGACTGCGG	Hs.399800	2881	-0.868525	0.21476519	0.003027594				0.3229375	1.25626323	0.472382485						
AKAP8L	NM_014371_bp944_R	AGCTAAAAAGCAGTCCTGATGAGCCAGATATCTCTTGAATATCTGGCTCATCAGGACTGCGG	Hs.399800	8257	-0.99645	0.18009434	0.001332988				0.3055125	1.18675068	0.472488084						
AKAP8L	NM_014371_bp944_R	AGCTAAAAAGCAGTCCTGATGAGCCAGATATCTCTTGAATATCTGGCTCATCAGGACTGCGG	Hs.399800	13633	-0.775025	0.31817602	0.01051151				0.5667375	0.9340927	0.154184507						
AKT1	NM_005163_bp1410_R	AGCTAAAAAGCATCGCTTCTTTGCCGGTATTCTCTTGAAATACCGGCAAAGAAGCGATGCGG	Hs.525622	1583	0.412575	1.15787912	0.416417959	-0.909633333	3.121673	0.548771994									
AKT1	NM_005163_bp1410_R	AGCTAAAAAGCATCGCTTCTTTGCCGGTATTCTCTTGAAATACCGGCAAAGAAGCGATGCGG	Hs.525622	6959	0.600925	1.48424094	0.353765011	0.65265	1.71423897	0.487559515									
AKT1	NM_005163_bp1410_R	AGCTAAAAAGCATCGCTTCTTTGCCGGTATTCTCTTGAAATACCGGCAAAGAAGCGATGCGG	Hs.525622	12335	0.704575	1.446321	0.274130843	-1.5114	4.17479742	0.461514896									
AKT1	NM_005163_bp1528_R	AGCTAAAAAGCCCAGATGATCACCATCACATCTCTTGAATGTGATGGTGATCATCTGGGCGG	Hs.525622	5756	1.7326	1.26122372	0.018462646	-0.791	4.95742809	0.736505241									
AKT1	NM_005163_bp1528_R	AGCTAAAAAGCCCAGATGATCACCATCACATCTCTTGAATGTGATGGTGATCATCTGGGCGG	Hs.525622	11132	1.78225	1.29965255	0.018451902	-0.727566667	4.78078178	0.748115886									
AKT1	NM_005163_bp1528_R	AGCTAAAAAGCCCAGATGATCACCATCACATCTCTTGAATGTGATGGTGATCATCTGGGCGG	Hs.525622	380	1.037425	1.95193291	0.29907079	-2.33705	4.20834601	0.321570639									
AKT1	NM_005163_bp295_R	AGCTAAAAAGGCACCTTCATTGGCTACAAGTCTCTTGAACTTGTAGCCAATGAAGGTGCCGG	Hs.525622	1609	0.6769	1.48209271	0.340512056	-3.0981	0.79717113	0.002274136									
AKT1	NM_005163_bp295_R	AGCTAAAAAGGCACCTTCATTGGCTACAAGTCTCTTGAACTTGTAGCCAATGAAGGTGCCGG	Hs.525622	6985	0.392766667	1.73039937	0.616422513	-3.6594	2.87016613	0.052154644									
AKT1	NM_005163_bp295_R	AGCTAAAAAGGCACCTTCATTGGCTACAAGTCTCTTGAACTTGTAGCCAATGAAGGTGCCGG	Hs.525622	12361	0.181333333	1.44768475	0.782038001	-4.289866667	2.9226661	0.035506674									
AKT1S1	BC022241_bp142_R	AGCTAAAAAGGCCTGAGTTTGCAACTGTAATCTCTTGAATTACAGTTGCAAACTCAGGCCGG	Hs.515542	4417	-0.472225	0.61020994	0.139435559	1.140266667	0.3047806	0.008777048	0.6231								
AKT1S1	BC022241_bp142_R	AGCTAAAAAGGCCTGAGTTTGCAACTGTAATCTCTTGAATTACAGTTGCAAACTCAGGCCGG	Hs.515542	9793	-0.57855	0.62661109	0.088843126	0.95825	0.64046832	0.025501823	0.0035								
AKT1S1	BC022241_bp142_R	AGCTAAAAAGGCCTGAGTTTGCAACTGTAATCTCTTGAATTACAGTTGCAAACTCAGGCCGG	Hs.515542	15169	-0.3794	0.60650943	0.21559629	0.965925	0.61719186	0.022451478	-0.61555	0.80136412	0.213800446						
AKT1S1	BC022241_bp3274_R	AGCTAAAAAGCCTTCAATTTACGTTCTTTATCTCTTGAATAAAGAACGTAAATTGAAGGCGG	Hs.515542	4421	-0.55755	0.63126624	0.09940199	-0.88465	0.90020034	0.078282139	-0.5313	0.46773301	0.118871952						
AKT1S1	BC022241_bp3274_R	AGCTAAAAAGCCTTCAATTTACGTTCTTTATCTCTTGAATAAAGAACGTAAATTGAAGGCGG	Hs.515542	15173	-0.387075	0.15751619	0.042252137	-0.375275	0.23563027	0.072897135	0.028966667	0.53332921	0.926372837						
AKT1S1	BC022241_bp3274_R	AGCTAAAAAGCCTTCAATTTACGTTCTTTATCTCTTGAATAAAGAACGTAAATTGAAGGCGG	Hs.515542	9797	0.02815	0.29874632	0.877380286	-0.723833333	0.45941591	0.05904375	0.24875	0.89484363	0.602276916						
AKT1S1	BC022241_bp975_R	AGCTAAAAAGAGGCCTCAGTCATAGAACCATCTCTTGAATGGTTCTATGACTGAGGCCTCGG	Hs.515542	4419	0.996925	1.11678258	0.077785522	0.205966667	0.77735671	0.619660031	0.976866667	0.87062368	0.052754307						
AKT1S1	BC022241_bp975_R	AGCTAAAAAGAGGCCTCAGTCATAGAACCATCTCTTGAATGGTTCTATGACTGAGGCCTCGG	Hs.515542	15171	1.3857	1.31197133	0.045458874	-0.06965	0.46986584	0.776665101	0.795033333	1.1026934	0.143035583						
AKT1S1	BC022241_bp975_R	AGCTAAAAAGAGGCCTCAGTCATAGAACCATCTCTTGAATGGTTCTATGACTGAGGCCTCGG	Hs.515542	9795	1.8435	1.65547791	0.056564065	0.1123	0.80879766	0.765622528									
AKT2	NM_001626_bp1513_R	AGCTAAAAAGGTACTTCGATGATGAATTTATCTCTTGAATAAATTCATCATCGAAGTACCGG	Hs.515406	66	0.615475	0.87510604	0.14988668	0.5541625	0.41436514	0.053209064									
AKT2	NM_001626_bp1513_R	AGCTAAAAAGGTACTTCGATGATGAATTTATCTCTTGAATAAATTCATCATCGAAGTACCGG	Hs.515406	5442	0.643975	0.87408144	0.135100087	0.6510375	0.45002062	0.03834278									
AKT2	NM_001626_bp1513_R	AGCTAAAAAGGTACTTCGATGATGAATTTATCTCTTGAATAAATTCATCATCGAAGTACCGG	Hs.515406	10818	0.697125	0.82603991	0.098813917	0.6828375	0.40014003	0.025665047									
AKT2	NM_001626_bp245_R	AGCTAAAAAGCGTGGTGAATACATCAAGACTCTCTTGAAGTCTTGATGTATTCACCACGCGG	Hs.515406	67	0.394533333	0.33395654	0.140582225	0.0431375	0.33600781	0.828897041									
AKT2	NM_001626_bp245_R	AGCTAAAAAGCGTGGTGAATACATCAAGACTCTCTTGAAGTCTTGATGTATTCACCACGCGG	Hs.515406	5443	0.477666667	0.39522411	0.108216436	0.0988375	0.31578537	0.613704082									
AKT2	NM_001626_bp245_R	AGCTAAAAAGCGTGGTGAATACATCAAGACTCTCTTGAAGTCTTGATGTATTCACCACGCGG	Hs.515406	10819	0.532166667	0.31947148	0.065506965	0.1289375	0.33337389	0.525654542									
AKT3	NM_005465_bp1021_R	AGCTAAAAAGCACCAGAGGTGTTAGAAGATTCTCTTGAAATCTTCTAACACCTCTGGTGCGG	Hs.498292	5792	-0.0856	0.49078691	0.7245792	1.2029	1.17876975	0.100197888									
AKT3	NM_005465_bp1021_R	AGCTAAAAAGCACCAGAGGTGTTAGAAGATTCTCTTGAAATCTTCTAACACCTCTGGTGCGG	Hs.498292	11168	0.075075	0.23274342	0.6537626	1.443633333	0.99411561	0.0433932									
AKT3	NM_005465_bp1021_R	AGCTAAAAAGCACCAGAGGTGTTAGAAGATTCTCTTGAAATCTTCTAACACCTCTGGTGCGG	Hs.498292	416	0.220516667	0.46446601	0.431293569	0.9926											
AKT3	NM_005465_bp1078_R	AGCTAAAAAGGGGTTGTCATGTATGAAATGTCTCTTGAACATTTCATACATGACAACCCCGG	Hs.498292	1675	-1.091	1.99424603	0.221554004	-1.447966667	2.53018899	0.273915146									
AKT3	NM_005465_bp1078_R	AGCTAAAAAGGGGTTGTCATGTATGAAATGTCTCTTGAACATTTCATACATGACAACCCCGG	Hs.498292	7051	-1.187975	1.99478007	0.189062507	-1.744566667	2.53558692	0.204213693									
AKT3	NM_005465_bp1078_R	AGCTAAAAAGGGGTTGTCATGTATGAAATGTCTCTTGAACATTTCATACATGACAACCCCGG	Hs.498292	12427	-1.2662	1.78162152	0.130492659	-1.704766667	2.48598158	0.205553837									
AKT3	NM_005465_bp178_R	AGCTAAAAAGGCTCATTCATAGGATATAAATCTCTTGAATTTATATCCTATGAATGAGCCGG	Hs.498292	1677	-0.505	0.6315212	0.126986938	0.788566667	1.08669123	0.202433915									

AKT3	NM_005465_bp178_R	AGCTAAAAAGGCTCATTCATAGGATATAAATCTCTTGAATTTATATCCTATGAATGAGCCGG	Hs.498292	7053	-0.8245	0.62251822	0.02938916	0.543966667	1.31525572	0.421646226									
AKT3	NM_005465_bp178_R	AGCTAAAAAGGCTCATTCATAGGATATAAATCTCTTGAATTTATATCCTATGAATGAGCCGG	Hs.498292	12429	-1.245825	1.00960955	0.028987689	0.514666667	1.1848846	0.404888923									
ALK	NM_004304_bp4409_R	AGCTAAAAAGCCCTGATCATCAGCAAATTCTCTCTTGAAGAATTTGCTGATGATCAGGGCGG	Hs.196534	10	0.0234	0.93145236	0.957686391	-0.0206875	0.12001067	0.887355942									
ALK	NM_004304_bp4409_R	AGCTAAAAAGCCCTGATCATCAGCAAATTCTCTCTTGAAGAATTTGCTGATGATCAGGGCGG	Hs.196534	5386	0.071566667	1.00945798	0.879694099	0.0247375	0.11890629	0.865412672									
ALK	NM_004304_bp4409_R	AGCTAAAAAGCCCTGATCATCAGCAAATTCTCTCTTGAAGAATTTGCTGATGATCAGGGCGG	Hs.196534	10762	0.4317	1.01367247	0.343367058	0.0492625	0.11392917	0.735746307									
ALK	NM_004304_bp5380_R	AGCTAAAAAGGTCCACGGATCCAGAAACAATCTCTTGAATTGTTTCTGGATCCGTGGACCGG	Hs.196534	11	3.3997	0.35468476	0.001130146	0.0396625	0.37812085	0.852339913									
ALK	NM_004304_bp5380_R	AGCTAAAAAGGTCCACGGATCCAGAAACAATCTCTTGAATTGTTTCTGGATCCGTGGACCGG	Hs.196534	5387	3.53125	0.32576409	0.000946281	0.0797625	0.29040775	0.670143248									
ALK	NM_004304_bp5380_R	AGCTAAAAAGGTCCACGGATCCAGAAACAATCTCTTGAATTGTTTCTGGATCCGTGGACCGG	Hs.196534	10763	3.63015	0.19579787	0.000680068	0.1296875	0.32911457	0.520697618									
ALK	NM_004304_bp5429_R	AGCTAAAAAGGCTCCTGGTTTACAGAGAAATCTCTTGAATTTCTCTGTAAACCAGGAGCCGG		12															
ALK	NM_004304_bp5429_R	AGCTAAAAAGGCTCCTGGTTTACAGAGAAATCTCTTGAATTTCTCTGTAAACCAGGAGCCGG		10764															
ALK	NM_004304_bp5429_R	AGCTAAAAAGGCTCCTGGTTTACAGAGAAATCTCTTGAATTTCTCTGTAAACCAGGAGCCGG		5388															
ALOX5	J03600_bp570_R	AGCTAAAAAGTGGACTTTGTTCTGAATTACTCTCTTGAAGTAATTCAGAACAAAGTCCACGG	Hs.89499	4805	-0.0708875	0.21285666	0.663148478	0.6089625	0.54380969	0.069584409				0.74815	0.73256729	0.13371914	0.36475	0.5096486	0.247716884
ALOX5	J03600_bp570_R	AGCTAAAAAGTGGACTTTGTTCTGAATTACTCTCTTGAAGTAATTCAGAACAAAGTCCACGG	Hs.89499	10181	-0.2646125	0.10641612	0.108522409	0.6010625	0.47381805	0.054412425				0.78635	0.6023964	0.079634187	0.454175	0.45503809	0.139839273
ALOX5	J03600_bp570_R	AGCTAAAAAGTGGACTTTGTTCTGAATTACTCTCTTGAAGTAATTCAGAACAAAGTCCACGG	Hs.89499	15557	-0.6889875	1.14761908	0.196080417	0.6630625	0.53027401	0.051649489				0.81915	0.67451316	0.093424955	0.49565	0.48139464	0.131593663
ALOX5	J03600_bp635_R	AGCTAAAAAGTTCCAGTCTTCTTGGAATGATCTCTTGAATCATTCCAAGAAGACTGGAACGG	Hs.89499	4801	1.0548875	0.61524589	0.011388545	0.6261375	0.96713374	0.19849846				0.715325	0.5053317	0.066129071	0.33375	0.57550454	0.330031432
ALOX5	J03600_bp635_R	AGCTAAAAAGTTCCAGTCTTCTTGGAATGATCTCTTGAATCATTCCAAGAAGACTGGAACGG	Hs.89499	10177	1.0169625	0.59614595	0.011959148	0.5946125	1.02696995	0.239412619				0.75415	0.51173698	0.060149816	0.4128	0.57389741	0.245854182
ALOX5	J03600_bp635_R	AGCTAAAAAGTTCCAGTCTTCTTGGAATGATCTCTTGAATCATTCCAAGAAGACTGGAACGG	Hs.89499	15553	0.7597375	0.85347991	0.084780872	0.6664625	1.00039457	0.18690865				0.7638	0.42997747	0.038016206	0.3581	0.60723443	0.323237274
ALPK1	AK131090_bp1143_R	AGCTAAAAAGCCTCCATTGTAGGATATTTGTCTCTTGAACAAATATCCTACAATGGAGGCGG	Hs.99691	4161	0.2859875	0.79616094	0.43075491				0.181975	0.24310851	0.396015176						
ALPK1	AK131090_bp1143_R	AGCTAAAAAGCCTCCATTGTAGGATATTTGTCTCTTGAACAAATATCCTACAATGGAGGCGG	Hs.99691	9537	-0.2580875	0.39425453	0.253009133				-0.070925	0.57846014	0.802465436						
ALPK1	AK131090_bp1143_R	AGCTAAAAAGCCTCCATTGTAGGATATTTGTCTCTTGAACAAATATCCTACAATGGAGGCGG	Hs.99691	14913	-0.3088375	0.77955892	0.38952838				0.66285	0.95872041	0.13236184						
ALPK1	AK131090_bp3349_R	AGCTAAAAAGTGGGAGTTCTTGGGTTTCATTCTCTTGAAATGAAACCCAAGAACTCCCACGG	Hs.99691	4165	0.2869875	0.3278217	0.173691361				-0.10815	0.17608832	0.590471451						
ALPK1	AK131090_bp3349_R	AGCTAAAAAGTGGGAGTTCTTGGGTTTCATTCTCTTGAAATGAAACCCAAGAACTCCCACGG	Hs.99691	9541	-0.0031625	0.26526544	0.985453074				-0.00175	0.20293034	0.99308136						
ALPK1	AK131090_bp3349_R	AGCTAAAAAGTGGGAGTTCTTGGGTTTCATTCTCTTGAAATGAAACCCAAGAACTCCCACGG	Hs.99691	14917	0.0796625	0.24848581	0.641883559				-0.021025	0.18639665	0.916179792						
ALS2CR2	NM_018571_bp1290_R	AGCTAAAAAGACTCTGGGATTGGAGAAAGTTCTCTTGAAACTTTCTCCAATCCCAGAGTCGG	Hs.127519	1806	-0.04495	0.07290271	0.862039307	0.6047	0.71530922	0.24776708									
ALS2CR2	NM_018571_bp1290_R	AGCTAAAAAGACTCTGGGATTGGAGAAAGTTCTCTTGAAACTTTCTCCAATCCCAGAGTCGG	Hs.127519	7182	0.3258			0.9085	0.70753105	0.12556857									
ALS2CR2	NM_018571_bp1290_R	AGCTAAAAAGACTCTGGGATTGGAGAAAGTTCTCTTGAAACTTTCTCCAATCCCAGAGTCGG	Hs.127519	12558	-0.01385	0.44385093	0.965738629	0.86905	0.68356013	0.131012134									
ALS2CR2	NM_018571_bp1400_R	AGCTAAAAAGGTACAGCTCTGTTTGCAACATCTCTTGAATGTTGCAAACAGAGCTGTACCGG	Hs.127519	604	0.8296	0.15385597	0.002080211	1.105125	0.26562119	0.001838762									
ALS2CR2	NM_018571_bp1400_R	AGCTAAAAAGGTACAGCTCTGTTTGCAACATCTCTTGAATGTTGCAAACAGAGCTGTACCGG	Hs.127519	5980	1.0987	0.28167567	0.001273043	1.643575	0.34524387	0.000586035									
ALS2CR2	NM_018571_bp1400_R	AGCTAAAAAGGTACAGCTCTGTTTGCAACATCTCTTGAATGTTGCAAACAGAGCTGTACCGG	Hs.127519	11356	1.303775	0.34993097	0.000925766	1.7179	0.19584188	0.000178678									
ALS2CR4	BX538000_bp123_R	AGCTAAAAAGCATCTTTCTTGTACTTTACCTCTCTTGAAGGTAAAGTACAAGAAAGATGCGG	Hs.584965	4272	-0.03835	0.28899454	0.893503829				-0.8516								
ALS2CR4	BX538000_bp123_R	AGCTAAAAAGCATCTTTCTTGTACTTTACCTCTCTTGAAGGTAAAGTACAAGAAAGATGCGG	Hs.584965	9648	-0.051533333	0.27624254	0.81052779				-0.6925								
ALS2CR4	BX538000_bp123_R	AGCTAAAAAGCATCTTTCTTGTACTTTACCTCTCTTGAAGGTAAAGTACAAGAAAGATGCGG	Hs.584965	15024	0.127325	0.31193407	0.503683016												
ALS2CR4	BX538000_bp228_R	AGCTAAAAAGAAGCAGGAATTGAGGAACAGTCTCTTGAACTGTTCCTCAATTCCTGCTTCGG	Hs.584965	9646	0.702275	1.89189016	0.387776679	0.005625	1.09379202	0.990864331	0.014533333	1.55099225	0.981768912						
ALS2CR4	BX538000_bp228_R	AGCTAAAAAGAAGCAGGAATTGAGGAACAGTCTCTTGAACTGTTCCTCAATTCCTGCTTCGG	Hs.584965	4270	2.6645	3.15770142	0.108939937	-0.57395	1.34659631	0.361036762	-0.81975	1.38288873	0.225503578						
ALS2CR4	BX538000_bp228_R	AGCTAAAAAGAAGCAGGAATTGAGGAACAGTCTCTTGAACTGTTCCTCAATTCCTGCTTCGG	Hs.584965	15022	1.9472	2.88570022	0.143368793	-0.056975	0.84783081	0.884121518	-1.1053	1.53781583	0.148175291						
ALS2CR4	BX538000_bp282_R	AGCTAAAAAGTGGCTCTTCTGGTTGGATTATCTCTTGAATAATCCAACCAGAAGAGCCACGG	Hs.584965	4268	-0.798875	0.40547336	0.010994475	0.37055	0.32157451	0.106633899	-0.79143333	0.57418312	0.049312193						
ALS2CR4	BX538000_bp282_R	AGCTAAAAAGTGGCTCTTCTGGTTGGATTATCTCTTGAATAATCCAACCAGAAGAGCCACGG	Hs.584965	9644	-0.477925	0.82781825	0.224683379	0.569075	0.1962949	0.016190077	-0.45893333	0.46967569	0.166034271						
ALS2CR4	BX538000_bp282_R	AGCTAAAAAGTGGCTCTTCTGGTTGGATTATCTCTTGAATAATCCAACCAGAAGAGCCACGG	Hs.584965	15020	-0.256875	0.32251254	0.211994252	0.332275	0.47810586	0.22109229	-0.53185	0.41019264	0.19375838						
ALS2CR7	NM_139158_bp1088_R	AGCTAAAAAGAAGCACTTGTTCATGATTATTCTCTTGAAATAATCATGAACAAGTGCTTCGG	Hs.348711	667	0.02125	1.2328973	0.96734657	-0.961425	0.20420525	0.002227599									
ALS2CR7	NM_139158_bp1088_R	AGCTAAAAAGAAGCACTTGTTCATGATTATTCTCTTGAAATAATCATGAACAAGTGCTTCGG	Hs.348711	6043	0.702175	0.52392787	0.032834062	-0.3805	0.1811467	0.056074776									
ALS2CR7	NM_139158_bp1088_R	AGCTAAAAAGAAGCACTTGTTCATGATTATTCTCTTGAAATAATCATGAACAAGTGCTTCGG	Hs.348711	11419	-1.231075	1.03443873	0.032567515	1.407725	1.09087264	0.033120189									
ALS2CR7	NM_139158_bp531_R	AGCTAAAAAGAGGGCTTCATCCTCATAATGTCTCTTGAACATTATGAGGATGAAGCCCTCGG	Hs.348711	2135				-0.124											
ALS2CR7	NM_139158_bp531_R	AGCTAAAAAGAGGGCTTCATCCTCATAATGTCTCTTGAACATTATGAGGATGAAGCCCTCGG	Hs.348711	7511				0.87235	1.17768634	0.247571413									
ALS2CR7	NM_139158_bp531_R	AGCTAAAAAGAGGGCTTCATCCTCATAATGTCTCTTGAACATTATGAGGATGAAGCCCTCGG	Hs.348711	12887				0.85235	1.06497352	0.227520412									
ALS2CR7	NM_139158_bp809_R	AGCTAAAAAGGCTGCATCTTTATTGAAATGTCTCTTGAACATTTCAATAAAGATGCAGCCGG	Hs.348711	2161	-0.3451			2.01775	3.47861181	0.306248724									
ALS2CR7	NM_139158_bp809_R	AGCTAAAAAGGCTGCATCTTTATTGAAATGTCTCTTGAACATTTCAATAAAGATGCAGCCGG	Hs.348711	12913	-0.0755			-0.2407											
ALS2CR7	NM_139158_bp809_R	AGCTAAAAAGGCTGCATCTTTATTGAAATGTCTCTTGAACATTTCAATAAAGATGCAGCCGG	Hs.348711	7537	0.1517														
AMHR2	NM_020547_bp140_R	AGCTAAAAAGGCGAACCTGTGTGTTCTTTGTCTCTTGAACAAAGAACACACAGGTTCGCCGG	Hs.437877	635	2.62695	0.42130825	5.41E-05	0.6819	0.40014377	0.025784301									
AMHR2	NM_020547_bp140_R	AGCTAAAAAGGCGAACCTGTGTGTTCTTTGTCTCTTGAACAAAGAACACACAGGTTCGCCGG	Hs.437877	6011	2.6641	0.60050145	0.000166023	0.897175	0.44799855	0.012687198									
AMHR2	NM_020547_bp140_R	AGCTAAAAAGGCGAACCTGTGTGTTCTTTGTCTCTTGAACAAAGAACACACAGGTTCGCCGG	Hs.437877	11387	2.731475	0.3499715	2.67E-05	1.007425	0.38386032	0.005648976									
AMHR2	NM_020547_bp684_R	AGCTAAAAAGCTGTGTTTCTCCCAGGTAATTCTCTTGAAATTACCTGGGAGAAACACAGCGG	Hs.437877	636	-0.35915	0.19495992	0.061521985	0.03485	0.29532135	0.852184255									
AMHR2	NM_020547_bp684_R	AGCTAAAAAGCTGTGTTTCTCCCAGGTAATTCTCTTGAAATTACCTGGGAGAAACACAGCGG	Hs.437877	6012	-0.658	0.68296663	0.075266441	-0.4801	0.48241148	0.103325094									
AMHR2	NM_020547_bp684_R	AGCTAAAAAGCTGTGTTTCTCCCAGGTAATTCTCTTGAAATTACCTGGGAGAAACACAGCGG	Hs.437877	11388	0.37535	1.52952478	0.562343086	0.22615	0.2693649	0.245832424									
AMHR2	NM_020547_bp939_R	AGCTAAAAAGTGCCACTACTTGACCCAGTATCTCTTGAATACTGGGTCAAGTAGTGGCACGG	Hs.437877	649	0.93325	0.28562888	0.002715506	-0.52185	0.25661391	0.029682745									
AMHR2	NM_020547_bp939_R	AGCTAAAAAGTGCCACTACTTGACCCAGTATCTCTTGAATACTGGGTCAAGTAGTGGCACGG	Hs.437877	6025	1.525075	0.40072642	0.00063456	0.205075	0.25243096	0.275177903									
AMHR2	NM_020547_bp939_R	AGCTAAAAAGTGCCACTACTTGACCCAGTATCTCTTGAATACTGGGTCAAGTAGTGGCACGG	Hs.437877	11401	0.773375	0.73890172	0.056659062	-0.5986	0.77871136	0.148054957									
ANKHD1	NM_024668_bp1968_R	AGCTAAAAAGGGTGGCCTTTGATGCTTGTATCTCTTGAATACAAGCATCAAAGGCCACCCGG	Hs.591259	2992	3.839425	0.75558184	6.90E-05				0.700925	0.56557586	0.039314403						
ANKHD1	NM_024668_bp1968_R	AGCTAAAAAGGGTGGCCTTTGATGCTTGTATCTCTTGAATACAAGCATCAAAGGCCACCCGG	Hs.591259	8368	4.23755	0.97610017	0.000125575				0.65125	0.58108487	0.053170167						
ANKHD1	NM_024668_bp1968_R	AGCTAAAAAGGGTGGCCTTTGATGCTTGTATCTCTTGAATACAAGCATCAAAGGCCACCCGG	Hs.591259	13744	3.32575	0.58332124	5.09E-05				0.534275	0.47169907	0.071029437						
ANKHD1	NM_024668_bp2076_R	AGCTAAAAAGACAAAGGAAATCCTCTTCAATCTCTTGAATTGAAGAGGATTTCCTTTGTCGG	Hs.591259	3000	0.536225	1.10981396	0.285022767				-0.551725	0.7679364	0.13892677						
ANKHD1	NM_024668_bp2076_R	AGCTAAAAAGACAAAGGAAATCCTCTTCAATCTCTTGAATTGAAGAGGATTTCCTTTGTCGG	Hs.591259	8376	0.3832	1.07405933	0.418554871				-0.43265	0.89244966	0.275653564						
ANKHD1	NM_024668_bp2076_R	AGCTAAAAAGACAAAGGAAATCCTCTTCAATCTCTTGAATTGAAGAGGATTTCCTTTGTCGG	Hs.591259	13752	0.471775	0.95562511	0.281944082				-0.353725	0.96106872	0.390108849						
ANKHD1	NM_024668_bp2082_R	AGCTAAAAAGGAAATCCTCTTCAATTGAAATCTCTTGAATTTCAATTGAAGAGGATTTCCGG	Hs.591259	2994	-0.312575	0.42205016	0.193446963				0.181075	0.49906056	0.497834923						
ANKHD1	NM_024668_bp2082_R	AGCTAAAAAGGAAATCCTCTTCAATTGAAATCTCTTGAATTTCAATTGAAGAGGATTTCCGG	Hs.591259	8370	-0.316775	0.59927232	0.285980736				-0.1378	0.76854092	0.685543589						
ANKHD1	NM_024668_bp2082_R	AGCTAAAAAGGAAATCCTCTTCAATTGAAATCTCTTGAATTTCAATTGAAGAGGATTTCCGG	Hs.591259	13746	-0.1874	0.19151223	0.263951635				-0.1233	0.66192766	0.689295487						
ANKRD1	NM_014391_bp504_R	AGCTAAAAAGACCTTGAAATAATCATTCAATCTCTTGAATTGAATGATTATTTCAAGGTCGG	Hs.448589	2482	0.419533333	0.11000485	0.0465838				0.3243375	1.91840753	0.617183886						
ANKRD1	NM_014391_bp504_R	AGCTAAAAAGACCTTGAAATAATCATTCAATCTCTTGAATTGAATGATTATTTCAAGGTCGG	Hs.448589	7858	0.5619	0.24983263	0.011620517				0.3012875	1.81406789	0.621626655						
ANKRD1	NM_014391_bp504_R	AGCTAAAAAGACCTTGAAATAATCATTCAATCTCTTGAATTGAATGATTATTTCAAGGTCGG	Hs.448589	13234	0.490525	0.11961848	0.010555747				0.3396625	1.82001187	0.585281698						
ANKRD1	NM_014391_bp558_R	AGCTAAAAAGTTCCAGTTGTAAAGGAACCATCTCTTGAATGGTTCCTTTACAACTGGAACGG	Hs.448589	2486	0.03335	0.44887717	0.696028636				0.4074125	0.58139283	0.147186788						
ANKRD1	NM_014391_bp558_R	AGCTAAAAAGTTCCAGTTGTAAAGGAACCATCTCTTGAATGGTTCCTTTACAACTGGAACGG	Hs.448589	7862	-0.003475	0.40249885	0.805461389				0.3455125	0.46432131	0.159248828						
ANKRD1	NM_014391_bp558_R	AGCTAAAAAGTTCCAGTTGTAAAGGAACCATCTCTTGAATGGTTCCTTTACAACTGGAACGG	Hs.448589	13238	0.007	0.35318306	0.751521941				0.3586625	0.51534686	0.164557835						
ANKRD1	NM_014391_bp734_R	AGCTAAAAAGGAAGGACATTTGGCAATTGTTCTCTTGAAACAATTGCCAAATGTCCTTCCGG	Hs.448589	2484	-1.344333333	0.30722819	0.003713296				0.3459625	0.78287516	0.283564135						
ANKRD1	NM_014391_bp734_R	AGCTAAAAAGGAAGGACATTTGGCAATTGTTCTCTTGAAACAATTGCCAAATGTCCTTCCGG	Hs.448589	7860	-1.1293	0.1523236	0.000654252				0.0012625	0.90441306	0.908235439						
ANKRD1	NM_014391_bp734_R	AGCTAAAAAGGAAGGACATTTGGCAATTGTTCTCTTGAAACAATTGCCAAATGTCCTTCCGG	Hs.448589	13236	-1.3214	0.5563317	0.003972168				0.1407375	0.8326301	0.613561129						
ANKRD13	NM_033121_bp1252_R	AGCTAAAAAGCCTGATGAGTACTTCAATGATCTCTTGAATCATTGAAGTACTCATCAGGCGG	Hs.528703	4830	0.0909625	0.11256763	0.534455444	0.5313625	0.16285278	0.017578066									
ANKRD13	NM_033121_bp1252_R	AGCTAAAAAGCCTGATGAGTACTTCAATGATCTCTTGAATCATTGAAGTACTCATCAGGCGG	Hs.528703	10206	0.1095125	0.12171197	0.462167093	0.5319625	0.15319878	0.016766716									
ANKRD13	NM_033121_bp1252_R	AGCTAAAAAGCCTGATGAGTACTTCAATGATCTCTTGAATCATTGAAGTACTCATCAGGCGG	Hs.528703	15582	0.1784125	0.13731043	0.257789859	0.5042625	0.13896812	0.019056979									
ANKRD13	NM_033121_bp1630_R	AGCTAAAAAGGTTGATCAATCTGTGTTTGATCTCTTGAATCAAACACAGATTGATCAACCGG	Hs.528703	4834	-0.0849375	0.08991805	0.553718257	0.2118375	0.31633564	0.303823588									
ANKRD13	NM_033121_bp1630_R	AGCTAAAAAGGTTGATCAATCTGTGTTTGATCTCTTGAATCAAACACAGATTGATCAACCGG	Hs.528703	10210	0.0190875	0.19762378	0.903825102	0.0501375	0.38886694	0.817210755									
ANKRD13	NM_033121_bp1630_R	AGCTAAAAAGGTTGATCAATCTGTGTTTGATCTCTTGAATCAAACACAGATTGATCAACCGG	Hs.528703	15586	0.0705875	0.24821273	0.679408941	-0.0484625	0.43704807	0.835463637									
ANKRD13	NM_033121_bp659_R	AGCTAAAAAGTGCCCTTGGTTTCTAGAATATCTCTTGAATATTCTAGAAACCAAGGGCACGG	Hs.528703	4832	0.0233625	0.37112695	0.908438825	-0.3336875	0.1847282	0.08192921									
ANKRD13	NM_033121_bp659_R	AGCTAAAAAGTGCCCTTGGTTTCTAGAATATCTCTTGAATATTCTAGAAACCAAGGGCACGG	Hs.528703	10208	0.0776125	0.37811102	0.707277056	-0.2652875	0.16299959	0.133744808									
ANKRD13	NM_033121_bp659_R	AGCTAAAAAGTGCCCTTGGTTTCTAGAATATCTCTTGAATATTCTAGAAACCAAGGGCACGG	Hs.528703	15584	0.0301375	0.38365485	0.88426553	-0.2557125	0.16892028	0.147476874									
ANKRD15	BX648931_bp2083_R	AGCTAAAAAGCGTGAACACTGAGGCTGTTATCTCTTGAATAACAGCCTCAGTGTTCACGCGG	Hs.493272	4971	-0.1874375	0.51173866	0.463671783	-0.3585875	0.67605103	0.297789789									
ANKRD15	BX648931_bp2083_R	AGCTAAAAAGCGTGAACACTGAGGCTGTTATCTCTTGAATAACAGCCTCAGTGTTCACGCGG	Hs.493272	10347	-0.2459375	0.52586749	0.354142581	-0.3220625	0.57164301	0.286872762									
ANKRD15	BX648931_bp2083_R	AGCTAAAAAGCGTGAACACTGAGGCTGTTATCTCTTGAATAACAGCCTCAGTGTTCACGCGG	Hs.493272	15723	-0.1872875	0.49709682	0.455473937	-0.3164375	0.63308004	0.328570601									
ANKRD15	BX648931_bp4284_R	AGCTAAAAAGCACGATGGATATATGGTAATTCTCTTGAAATTACCATATATCCATCGTGCGG	Hs.493272	4973	-0.5654125	0.33766777	0.027460651	-0.4694125	0.65610977	0.181708922									
ANKRD15	BX648931_bp4284_R	AGCTAAAAAGCACGATGGATATATGGTAATTCTCTTGAAATTACCATATATCCATCGTGCGG	Hs.493272	10349	-0.4328125	0.46844517	0.109239115	-0.4909875	0.36519483	0.060642811									
ANKRD15	BX648931_bp4284_R	AGCTAAAAAGCACGATGGATATATGGTAATTCTCTTGAAATTACCATATATCCATCGTGCGG	Hs.493272	15725	-0.6619625	0.30630224	0.012884124	-0.6395875	0.70160758	0.103723678									
ANKRD15	BX648931_bp6388_R	AGCTAAAAAGGGTGACAGATACTGAATGTATCTCTTGAATACATTCAGTATCTGTCACCCGG	Hs.493272	4969	0.6966125	0.43563753	0.021848767	-0.4382125	0.75927705	0.254687915									
ANKRD15	BX648931_bp6388_R	AGCTAAAAAGGGTGACAGATACTGAATGTATCTCTTGAATACATTCAGTATCTGTCACCCGG	Hs.493272	10345	0.6079625	0.38690936	0.027534985	-0.5743375	0.62247952	0.106361348									
ANKRD15	BX648931_bp6388_R	AGCTAAAAAGGGTGACAGATACTGAATGTATCTCTTGAATACATTCAGTATCTGTCACCCGG	Hs.493272	15721	0.6475875	0.47389899	0.034167714	0.4208											
ANKRD28	NM_015199_bp1291_R	AGCTAAAAAGGGGCCGATGTCAATATGAAGTCTCTTGAACTTCATATTGACATCGGCCCCGG	Hs.335239	3170							7.3165								
ANKRD28	NM_015199_bp1291_R	AGCTAAAAAGGGGCCGATGTCAATATGAAGTCTCTTGAACTTCATATTGACATCGGCCCCGG	Hs.335239	8546							7.3284								
ANKRD28	NM_015199_bp1291_R	AGCTAAAAAGGGGCCGATGTCAATATGAAGTCTCTTGAACTTCATATTGACATCGGCCCCGG	Hs.335239	13922							7.2494			-0.2506			2.4735		
ANKRD28	NM_015199_bp784_R	AGCTAAAAAGTACCTCTTCTGAGTAATGTATCTCTTGAATACATTACTCAGAAGAGGTACGG	Hs.335239	3172	4.348225	0.95742821	0.000101965				3.005025	0.6539458	4.45E-05	0.750525	0.8202906	0.164686144	1.05815	0.22489472	0.00254271
ANKRD28	NM_015199_bp784_R	AGCTAAAAAGTACCTCTTCTGAGTAATGTATCTCTTGAATACATTACTCAGAAGAGGTACGG	Hs.335239	8548	4.3426	0.95999536	0.000103801				2.9659	0.66804761	5.18E-05	0.793475	0.79836075	0.140990145	1.0387	0.24378525	0.003394769
ANKRD28	NM_015199_bp784_R	AGCTAAAAAGTACCTCTTCTGAGTAATGTATCTCTTGAATACATTACTCAGAAGAGGTACGG	Hs.335239	13924	4.2053	0.90506405	9.42E-05				2.92245	0.64859633	5.08E-05	0.793575	0.76443102	0.129465754	1.140525	0.27515492	0.003677088
ANKRD28	NM_015199_bp941_R	AGCTAAAAAGGGCAGCATATATGGGTCACATCTCTTGAATGTGACCCATATATGCTGCCCGG	Hs.335239	3174	-0.9401	0.60331416	0.016751319				0.2816	0.40941247	0.266884871	0.1112	0.28243743	0.48850971	0.4547	0.48322107	0.156392605
ANKRD28	NM_015199_bp941_R	AGCTAAAAAGGGCAGCATATATGGGTCACATCTCTTGAATGTGACCCATATATGCTGCCCGG	Hs.335239	8550	-0.83565	0.58026296	0.023185907				0.228625	0.4567659	0.379186493	0.083075	0.21914854	0.503474632	0.47515	0.42206575	0.109780992
ANKRD28	NM_015199_bp941_R	AGCTAAAAAGGGCAGCATATATGGGTCACATCTCTTGAATGTGACCCATATATGCTGCCCGG	Hs.335239	13926	-0.74515	0.51428791	0.025521541				0.20495	0.40556134	0.405938046	0.12805	0.30452172	0.462099195	0.470225	0.40925413	0.105184881
ANKRD44	AL833063_bp2647_R	AGCTAAAAAGGGGCTGGGTTTCTTTGTTTATCTCTTGAATAAACAAAGAAACCCAGCCCCGG	Hs.432706	4072	-0.8324875	0.20573362	0.002725577				-0.00905	0.15720828	0.963229037						
ANKRD44	AL833063_bp2647_R	AGCTAAAAAGGGGCTGGGTTTCTTTGTTTATCTCTTGAATAAACAAAGAAACCCAGCCCCGG	Hs.432706	9448	-0.7066375	0.39102115	0.016273375				0.22935	0.3068361	0.315853245						
ANKRD44	AL833063_bp2647_R	AGCTAAAAAGGGGCTGGGTTTCTTTGTTTATCTCTTGAATAAACAAAGAAACCCAGCCCCGG	Hs.432706	14824	-0.7344875	0.10221541	0.002840915				0.083075	0.13924861	0.671686767						
ANKRD44	AL833063_bp4070_R	AGCTAAAAAGACAGGGTGCTTATTTATTTATCTCTTGAATAAATAAATAAGCACCCTGTCGG	Hs.432706	4076	-1.0698125	0.29535711	0.001574785				-0.156325	0.85527024	0.670631437						
ANKRD44	AL833063_bp4070_R	AGCTAAAAAGACAGGGTGCTTATTTATTTATCTCTTGAATAAATAAATAAGCACCCTGTCGG	Hs.432706	9452	-1.0292375	0.33348414	0.002414256				-0.27175	0.45918363	0.303256695						
ANKRD44	AL833063_bp4070_R	AGCTAAAAAGACAGGGTGCTTATTTATTTATCTCTTGAATAAATAAATAAGCACCCTGTCGG	Hs.432706	14828	-0.8789875	0.41964072	0.008143054				-0.7568	0.45797716	0.019809849						
ANKRD44	AL833063_bp4742_R	AGCTAAAAAGGGGCCTCAGTAGCAATTAACTCTCTTGAAGTTAATTGCTACTGAGGCCCCGG	Hs.432706	4074	0.7532875	0.33975452	0.009419721				0.908075	0.22879776	0.00354034						
ANKRD44	AL833063_bp4742_R	AGCTAAAAAGGGGCCTCAGTAGCAATTAACTCTCTTGAAGTTAATTGCTACTGAGGCCCCGG	Hs.432706	9450	0.8178125	0.3895638	0.00911969				0.941075	0.23723626	0.00306202						
ANKRD44	AL833063_bp4742_R	AGCTAAAAAGGGGCCTCAGTAGCAATTAACTCTCTTGAAGTTAATTGCTACTGAGGCCCCGG	Hs.432706	14826	0.8331875	0.33486372	0.006050131				0.8977	0.21106039	0.003522865						
ANP32A	NM_024970_bp2657_R	AGCTAAAAAGGCACCATATTTATTCTTTAATCTCTTGAATTAAAGAATAAATATGGTGCCGG		1343	-1.2155625	0.27096269	0.000638297				-0.15775	0.54219745	0.581093533						
ANP32A	NM_024970_bp2657_R	AGCTAAAAAGGCACCATATTTATTCTTTAATCTCTTGAATTAAAGAATAAATATGGTGCCGG		6719	-1.1501625	0.23476088	0.00064786				-0.166875	0.57584671	0.571856918						
ANP32A	NM_024970_bp2657_R	AGCTAAAAAGGCACCATATTTATTCTTTAATCTCTTGAATTAAAGAATAAATATGGTGCCGG		12095	-1.1409375	0.25483874	0.000764751				-0.1285	0.50532155	0.642021632						
ANP32A	NM_024970_bp666_R	AGCTAAAAAGCCAGAAGGGTACTTCATTCATCTCTTGAATGAATGAAGTACCCTTCTGGCGG		1342	0.1821875	0.19917544	0.380570931				1.451625	0.83185145	0.005230918						
ANP32A	NM_024970_bp666_R	AGCTAAAAAGCCAGAAGGGTACTTCATTCATCTCTTGAATGAATGAAGTACCCTTCTGGCGG		6718	0.1864125	0.18288652	0.358859408				1.43225	0.84079358	0.005780476						
ANP32A	NM_024970_bp666_R	AGCTAAAAAGCCAGAAGGGTACTTCATTCATCTCTTGAATGAATGAAGTACCCTTCTGGCGG		12094	0.2049375	0.20459892	0.319879298				1.471875	0.81925607	0.004659082						
ANUBL1	BC045587_bp1929_R	AGCTAAAAAGCCTGTTGGTTGTGTAAATAATCTCTTGAATTATTTACACAACCAACAGGCGG	Hs.89029	4374	-0.42635	0.32260833	0.063574293	-0.459775	0.18774879	0.032165377	0.423833333	0.43826779	0.186036669						
ANUBL1	BC045587_bp1929_R	AGCTAAAAAGCCTGTTGGTTGTGTAAATAATCTCTTGAATTATTTACACAACCAACAGGCGG	Hs.89029	9750	-0.430875	0.50489659	0.124978894	-0.28085	0.37632389	0.226683669	0.249366667	0.70429388	0.497694948						
ANUBL1	BC045587_bp1929_R	AGCTAAAAAGCCTGTTGGTTGTGTAAATAATCTCTTGAATTATTTACACAACCAACAGGCGG	Hs.89029	15126	-0.051533333	0.36379469	0.828700726	-0.376225	0.18502773	0.058845776	0.334266667	0.42738905	0.27775161						
ANUBL1	BC045587_bp556_R	AGCTAAAAAGGCGGACCTATAAATACTAGATCTCTTGAATCTAGTATTTATAGGTCCGCCGG	Hs.89029	4378	-0.5278	0.64043973	0.117301664	0.197325	0.38363635	0.380270123	-0.12473333	0.30279687	0.641980218						
ANUBL1	BC045587_bp556_R	AGCTAAAAAGGCGGACCTATAAATACTAGATCTCTTGAATCTAGTATTTATAGGTCCGCCGG	Hs.89029	9754	-0.42475	0.57303764	0.158533857	0.2256	0.15726638	0.184757146	-0.33046667	0.29113643	0.243757944						
ANUBL1	BC045587_bp556_R	AGCTAAAAAGGCGGACCTATAAATACTAGATCTCTTGAATCTAGTATTTATAGGTCCGCCGG	Hs.89029	15130	-0.19455	0.9425219	0.636219853	-0.057066667	0.56300498	0.858847875	-0.2528	0.15086938	0.328532875						
ANUBL1	BC045587_bp823_R	AGCTAAAAAGGTGGTTCTATGTATAATTCATCTCTTGAATGAATTATACATAGAACCACCGG	Hs.89029	4376	-0.1392	0.64797266	0.642391928	-0.079325	0.38401678	0.713893241	-0.73663333	0.65689388	0.074419768						
ANUBL1	BC045587_bp823_R	AGCTAAAAAGGTGGTTCTATGTATAATTCATCTCTTGAATGAATTATACATAGAACCACCGG	Hs.89029	9752	-0.0016	1.29361012	0.997648517	-0.141	0.25914489	0.440784751	-0.8192	0.36929664	0.026098057						
ANUBL1	BC045587_bp823_R	AGCTAAAAAGGTGGTTCTATGTATAATTCATCTCTTGAATGAATTATACATAGAACCACCGG	Hs.89029	15128	0.14875	0.60596456	0.602233061	-0.260475	0.51006089	0.341445837	-1.04523333	0.52009362	0.016086549						
ANXA4	BX641114_bp3891_R	AGCTAAAAAGATGCTCTGCTGGCTATAGTATCTCTTGAATACTATAGCCAGCAGAGCATCGG	Hs.422986	9738	-0.0953	1.32927689	0.864346471	-2.50E-05	0.31151262	0.999895824	0.430966667	0.98200953	0.353200197						
ANXA4	BX641114_bp3891_R	AGCTAAAAAGATGCTCTGCTGGCTATAGTATCTCTTGAATACTATAGCCAGCAGAGCATCGG	Hs.422986	15114	-0.296225	0.32577042	0.161579466	0.389075	0.75433708	0.302046846	0.449166667	0.92814868	0.317815708						
ANXA4	BX641114_bp3891_R	AGCTAAAAAGATGCTCTGCTGGCTATAGTATCTCTTGAATACTATAGCCAGCAGAGCATCGG	Hs.422986	4362	-0.393025	0.44680818	0.128038857	0.291675	0.85161274	0.471024759	0.2574	0.9462503	0.600418938						
ANXA4	BX641114_bp4070_R	AGCTAAAAAGTCTCTGTACTCGTTCATCAATCTCTTGAATTGATGAACGAGTACAGAGACGG	Hs.422986	4364	0.425925	0.25505047	0.04702045	0.0609	0.27270202	0.737019573	0.203966667	0.40882203	0.48565169						
ANXA4	BX641114_bp4070_R	AGCTAAAAAGTCTCTGTACTCGTTCATCAATCTCTTGAATTGATGAACGAGTACAGAGACGG	Hs.422986	9740	0.27195	0.198608	0.130215092	0.121725	0.18916417	0.458970413	-0.29223333	0.65565285	0.414094876						
ANXA4	BX641114_bp4070_R	AGCTAAAAAGTCTCTGTACTCGTTCATCAATCTCTTGAATTGATGAACGAGTACAGAGACGG	Hs.422986	15116	0.242525	0.41818109	0.294102026	0.139275	0.11105309	0.360184194	-0.2077	0.66574672	0.557879701						
ANXA4	BX641114_bp4093_R	AGCTAAAAAGTGACACATCTGGAGACTACATCTCTTGAATGTAGTCTCCAGATGTGTCACGG	Hs.422986	4366	0.246025	0.18273092	0.15571698	1.1984	0.30340671	0.001681171	-0.59996667	0.55766464	0.104569143						
ANXA4	BX641114_bp4093_R	AGCTAAAAAGTGACACATCTGGAGACTACATCTCTTGAATGTAGTCTCCAGATGTGTCACGG	Hs.422986	9742	0.31755	0.74012547	0.358220382	0.914766667	0.3700131	0.022351519	-0.47333333	0.34531731	0.126848178						
ANXA4	BX641114_bp4093_R	AGCTAAAAAGTGACACATCTGGAGACTACATCTCTTGAATGTAGTCTCCAGATGTGTCACGG	Hs.422986	15118	0.34145	0.24733409	0.087020962	1.47225	0.12027886	0.016116253	-0.58693333	0.25212381	0.061187917						
AP1S2	BX647483_bp19_R	AGCTAAAAAGTCCCTTCTTTGTTACATACATCTCTTGAATGTATGTAACAAAGAAGGGACGG		4442	-0.736825	0.395237	0.014208413	-0.653175	0.54329574	0.056916398	-2.16353333	1.43582365	0.012038207						
AP1S2	BX647483_bp19_R	AGCTAAAAAGTCCCTTCTTTGTTACATACATCTCTTGAATGTATGTAACAAAGAAGGGACGG		9818	-0.634825	0.35155971	0.01950629	-0.417425	0.40051421	0.10779949	-1.3269	0.9193064	0.021103124						
AP1S2	BX647483_bp19_R	AGCTAAAAAGTCCCTTCTTTGTTACATACATCTCTTGAATGTATGTAACAAAGAAGGGACGG		15194	-0.756433333	1.41077409	0.274685846	-0.59245	0.39760247	0.040170685	-1.4965	0.90716026	0.012914886						
AP1S2	BX647483_bp2165_R	AGCTAAAAAGGGAGAGTATTTGAATATTATTCTCTTGAAATAATATTCAAATACTCTCCCGG		4416	0.713975	0.18248984	0.004649875	-0.094275	0.86470646	0.813032688	-0.35703333	0.65811815	0.327075439						
AP1S2	BX647483_bp2165_R	AGCTAAAAAGGGAGAGTATTTGAATATTATTCTCTTGAAATAATATTCAAATACTCTCCCGG		9792	0.813825	0.45825202	0.013779071	-0.27735	0.60155315	0.368213578	-0.1473	0.28751543	0.581229111						

AP1S2	BX647483_bp2165_R	AGCTAAAAAGGGAGAGTATTTGAATATTATTCTCTTGAAATAATATTCAAATACTCTCCCGG		15168	0.844975	0.46246155	0.012189301	-0.42705	0.86757941	0.314097084	0.211266667	0.82315253	0.596969518						
AP1S2	BX647483_bp3876_R	AGCTAAAAAGTCCCTTTGATCCCCAACTTATCTCTTGAATAAGTTGGGGATCAAAGGGACGG		4444	0.06495	0.48811626	0.787855607	0.051025	0.40317132	0.818015285	0.085333333	1.74494766	0.903710404						
AP1S2	BX647483_bp3876_R	AGCTAAAAAGTCCCTTTGATCCCCAACTTATCTCTTGAATAAGTTGGGGATCAAAGGGACGG		9820	0.02765	0.32865717	0.884741827	-0.450366667	0.65202884	0.254706585	0.056133333	1.87921791	0.940595488						
AP1S2	BX647483_bp3876_R	AGCTAAAAAGTCCCTTTGATCCCCAACTTATCTCTTGAATAAGTTGGGGATCAAAGGGACGG		15196	0.0113	0.83624127	0.975367373	0.042325	0.79222078	0.90851391	0.0307	1.13080516	0.954196555						
APAF1	NM_181861_bp1870_R	AGCTAAAAAGTCGTTTCGTTATTATTTACATCTCTTGAATGTAAATAATAACGAAACGACGG	Hs.552567	950	-1.1210125	0.31439045	0.001448823				-0.3471625	0.43838286	0.192459342	0.107325	0.18841216	0.337327317	0.30065	0.2195725	0.071428114
APAF1	NM_181861_bp1870_R	AGCTAAAAAGTCGTTTCGTTATTATTTACATCTCTTGAATGTAAATAATAACGAAACGACGG	Hs.552567	6326	-1.0672375	0.2895667	0.001531477				-0.3519625	0.33938224	0.153566713	0.13045	0.07449128	0.039412167	0.307425	0.20265961	0.056137213
APAF1	NM_181861_bp1870_R	AGCTAAAAAGTCGTTTCGTTATTATTTACATCTCTTGAATGTAAATAATAACGAAACGACGG	Hs.552567	11702	-1.0180375	0.30174291	0.002053362				-0.3664125	0.32112337	0.13469824	0.18305	0.19926956	0.163491305	0.08925	0.64454172	0.79981108
APAF1	NM_181861_bp2287_R	AGCTAAAAAGCCGGAAACTTCAGAAGTTTATCTCTTGAATAAACTTCTGAAGTTTCCGGCGG	Hs.552567	951	-1.2481375	0.31632978	0.000898				-0.4513875	0.67879898	0.180737943	0.2349	0.22953117	0.133175348	0.335775	0.3747087	0.171012562
APAF1	NM_181861_bp2287_R	AGCTAAAAAGCCGGAAACTTCAGAAGTTTATCTCTTGAATAAACTTCTGAAGTTTCCGGCGG	Hs.552567	6327	-1.3154625	0.30381724	0.000645331				-0.4808125	0.68864593	0.161075249	0.2349	0.2434222	0.149169206	0.32455	0.4143439	0.215197926
APAF1	NM_181861_bp2287_R	AGCTAAAAAGCCGGAAACTTCAGAAGTTTATCTCTTGAATAAACTTCTGAAGTTTCCGGCGG	Hs.552567	11703	-1.3080375	0.37209382	0.001061639				-0.5140375	0.775937	0.165744046	0.235225	0.30186746	0.217009498	0.424575	0.40989976	0.130042381
APAF1	NM_181861_bp888_R	AGCTAAAAAGTGGAATAACTTCGTATGTAATCTCTTGAATTACATACGAAGTTATTCCACGG	Hs.552567	1959	0.6488125	2.50849452	0.536569066				-0.012775	1.31900163	0.982752201	0.08215	0.20025193	0.47207127	-0.2286	0.40558066	0.341647219
APAF1	NM_181861_bp888_R	AGCTAAAAAGTGGAATAACTTCGTATGTAATCTCTTGAATTACATACGAAGTTATTCCACGG	Hs.552567	7335	0.6982125	2.61980082	0.524474239				-0.041675	1.4783835	0.948164484	0.163025	0.24266518	0.271660447	-0.11445	0.41145097	0.616791887
APAF1	NM_181861_bp888_R	AGCTAAAAAGTGGAATAACTTCGTATGTAATCTCTTGAATTACATACGAAGTTATTCCACGG	Hs.552567	12711	0.5920375	2.53439497	0.575245005				-0.016425	1.50009168	0.979771914	0.283675	0.15262622	0.033871363	-0.128	0.3476353	0.514842679
APBA2	NM_005503_bp1584_R	AGCTAAAAAGGGAACATTGTAGTGCTGATGTCTCTTGAACATCAGCACTACAATGTTCCCGG	Hs.525718	2474	-0.92505	0.42095374	0.00933713				-1.0646875	0.82425822	0.023833319						
APBA2	NM_005503_bp1584_R	AGCTAAAAAGGGAACATTGTAGTGCTGATGTCTCTTGAACATCAGCACTACAATGTTCCCGG	Hs.525718	7850	-1.327625	0.43440027	0.002138087				-0.7648125	1.30258684	0.191968851						
APBA2	NM_005503_bp1584_R	AGCTAAAAAGGGAACATTGTAGTGCTGATGTCTCTTGAACATCAGCACTACAATGTTCCCGG	Hs.525718	13226	-1.104725	0.30317793	0.002048546				-0.8312375	0.80632628	0.056636618						
APBA2	NM_005503_bp1857_R	AGCTAAAAAGACGACCTCATCCACTTCTCATCTCTTGAATGAGAAGTGGATGAGGTCGTCGG	Hs.525718	2448	-0.328625	0.36266419	0.195380765				0.4845375	0.47403355	0.0741951						
APBA2	NM_005503_bp1857_R	AGCTAAAAAGACGACCTCATCCACTTCTCATCTCTTGAATGAGAAGTGGATGAGGTCGTCGG	Hs.525718	7824	-0.30985	0.29562646	0.184685078				0.3955125	0.5531902	0.14784837						
APBA2	NM_005503_bp1857_R	AGCTAAAAAGACGACCTCATCCACTTCTCATCTCTTGAATGAGAAGTGGATGAGGTCGTCGG	Hs.525718	13200	-0.25505	0.31306961	0.293557306				0.4526625	0.58926435	0.119987364						
APBA2	NM_005503_bp2364_R	AGCTAAAAAGTCGGAGAGATCCACATGAAGTCTCTTGAACTTCATGTGGATCTCTCCGACGG	Hs.525718	2446	-1.53185	0.2526392	0.000242625				3.2433875	1.6178346	0.001408941						
APBA2	NM_005503_bp2364_R	AGCTAAAAAGTCGGAGAGATCCACATGAAGTCTCTTGAACTTCATGTGGATCTCTCCGACGG	Hs.525718	7822	-1.55195	0.26348638	0.000248037				2.7043875	1.2955199	0.001292251						
APBA2	NM_005503_bp2364_R	AGCTAAAAAGTCGGAGAGATCCACATGAAGTCTCTTGAACTTCATGTGGATCTCTCCGACGG	Hs.525718	13198	-1.551325	0.50293176	0.001190047				2.0959625	1.02245286	0.001690885						
APBA2BP	NM_005225_bp784_R	AGCTAAAAAGACCACCTGATGAATATCTGTTCTCTTGAAACAGATATTCATCAGGTGGTCGG	Hs.516986	1330	-0.6237875	0.18430064	0.006534479				0.160525	0.28401243	0.453061919						
APBA2BP	NM_005225_bp784_R	AGCTAAAAAGACCACCTGATGAATATCTGTTCTCTTGAAACAGATATTCATCAGGTGGTCGG	Hs.516986	6706	-0.6472625	0.15624168	0.004898652				0.17535	0.16806373	0.379308812						
APBA2BP	NM_005225_bp784_R	AGCTAAAAAGACCACCTGATGAATATCTGTTCTCTTGAAACAGATATTCATCAGGTGGTCGG	Hs.516986	12082	-0.5883125	0.16856911	0.00759104				0.155225	0.20931094	0.443271069						
APBA2BP	NM_005225_bp866_R	AGCTAAAAAGTCAGGACCTTCGTAGCATTGTCTCTTGAACAATGCTACGAAGGTCCTGACGG	Hs.516986	1331	1.4565125	0.36781812	0.000717121				-0.145375	0.68652334	0.655440251						
APBA2BP	NM_005225_bp866_R	AGCTAAAAAGTCAGGACCTTCGTAGCATTGTCTCTTGAACAATGCTACGAAGGTCCTGACGG	Hs.516986	6707	1.4591625	0.37146369	0.000729109				-0.120375	0.77075916	0.732725712						
APBA2BP	NM_005225_bp866_R	AGCTAAAAAGTCAGGACCTTCGTAGCATTGTCTCTTGAACAATGCTACGAAGGTCCTGACGG	Hs.516986	12083	1.4774875	0.38667471	0.000761872				-0.1545	0.79425027	0.666549217						
APBA2BP	NM_005225_bp898_R	AGCTAAAAAGAGCAGATGGTTATGGTGATCTCTCTTGAAGATCACCATAACCATCTGCTCGG	Hs.516986	1329	-1.3000125	0.2434693	0.000393213				-0.196525	0.43999257	0.445420872						
APBA2BP	NM_005225_bp898_R	AGCTAAAAAGAGCAGATGGTTATGGTGATCTCTCTTGAAGATCACCATAACCATCTGCTCGG	Hs.516986	6705	-1.2933125	0.22304359	0.000351211				-0.2153	0.45982293	0.412685591						
APBA2BP	NM_005225_bp898_R	AGCTAAAAAGAGCAGATGGTTATGGTGATCTCTCTTGAAGATCACCATAACCATCTGCTCGG	Hs.516986	12081	-1.3296875	0.2610643	0.000400963				-0.18155	0.48517306	0.497685398						
APC	NM_000038_bp1696_R	AGCTAAAAAGGCGAGCAGATGTAAATAGTATCTCTTGAATACTATTTACATCTGCTCGCCGG	Hs.158932	1341	-0.1799625	0.3422545	0.293352092				0.59625	0.67544958	0.088806499						
APC	NM_000038_bp1696_R	AGCTAAAAAGGCGAGCAGATGTAAATAGTATCTCTTGAATACTATTTACATCTGCTCGCCGG	Hs.158932	6717	-0.1690375	0.33952977	0.313836672				0.583625	0.70453764	0.101431761						
APC	NM_000038_bp1696_R	AGCTAAAAAGGCGAGCAGATGTAAATAGTATCTCTTGAATACTATTTACATCTGCTCGCCGG	Hs.158932	12093	-0.1611375	0.33843745	0.329973827				0.611125	0.68149814	0.084131047						
APC	NM_000038_bp3355_R	AGCTAAAAAGAGCCAATGGTTCAGAAACAATCTCTTGAATTGTTTCTGAACCATTGGCTCGG	Hs.158932	2326	0.4289375	0.1507694	0.039619795				0.60155	0.2196334	0.021503491						
APC	NM_000038_bp3355_R	AGCTAAAAAGAGCCAATGGTTCAGAAACAATCTCTTGAATTGTTTCTGAACCATTGGCTCGG	Hs.158932	7702	0.3401125	0.09931689	0.074709808				0.6112	0.25561132	0.022519619						
APC	NM_000038_bp3355_R	AGCTAAAAAGAGCCAATGGTTCAGAAACAATCTCTTGAATTGTTTCTGAACCATTGGCTCGG	Hs.158932	13078	0.3589625	0.10123016	0.063229889				0.50585	0.21468977	0.040164096						
APC	NM_000038_bp4294_R	AGCTAAAAAGCCCCAGTGATCTTCCAGATATCTCTTGAATATCTGGAAGATCACTGGGGCGG	Hs.158932	1340	-0.2562625	0.23077743	0.12068424				0.121875	0.92566177	0.745883383						
APC	NM_000038_bp4294_R	AGCTAAAAAGCCCCAGTGATCTTCCAGATATCTCTTGAATATCTGGAAGATCACTGGGGCGG	Hs.158932	6716	-0.3363375	0.41858013	0.131173286				0.236275	0.80193634	0.498259844						
APC	NM_000038_bp4294_R	AGCTAAAAAGCCCCAGTGATCTTCCAGATATCTCTTGAATATCTGGAAGATCACTGGGGCGG	Hs.158932	12092	-0.3202375	0.42664034	0.148803954				0.138175	0.85802954	0.698612868						
APEG1	AB037718_bp2350_R	AGCTAAAAAGCACCCGAGATTGTCAATCAGTCTCTTGAACTGATTGACAATCTCGGGTGCGG	Hs.21639	34	0.2168	0.23768614	0.229867085	0.1208875	0.25764024	0.503794886									
APEG1	AB037718_bp2350_R	AGCTAAAAAGCACCCGAGATTGTCAATCAGTCTCTTGAACTGATTGACAATCTCGGGTGCGG	Hs.21639	5410	0.190025	0.24385701	0.288291666	-0.1355625	0.26462211	0.461013179									
APEG1	AB037718_bp2350_R	AGCTAAAAAGCACCCGAGATTGTCAATCAGTCTCTTGAACTGATTGACAATCTCGGGTGCGG	Hs.21639	10786	0.23155	0.29040003	0.234163224	-0.0105375	0.40777557	0.962249839									
APEG1	AB037718_bp2430_R	AGCTAAAAAGACAGGAATCTCCCCGTTTGTTCTCTTGAAACAAACGGGGAGATTCCTGTCGG	Hs.21639	35	8.2898			9.1258											
APEG1	AB037718_bp2430_R	AGCTAAAAAGACAGGAATCTCCCCGTTTGTTCTCTTGAAACAAACGGGGAGATTCCTGTCGG	Hs.21639	5411	10.1215			8.9											
APEG1	AB037718_bp2430_R	AGCTAAAAAGACAGGAATCTCCCCGTTTGTTCTCTTGAAACAAACGGGGAGATTCCTGTCGG	Hs.21639	10787	7.6454			9.0358											
APEG1	AB037718_bp4896_R	AGCTAAAAAGCACATCTCCTGGATGAAAGATCTCTTGAATCTTTCATCCAGGAGATGTGCGG	Hs.21639	36	1.207025	0.81017053	0.016104799	0.2509125	0.33428666	0.245223862									
APEG1	AB037718_bp4896_R	AGCTAAAAAGCACATCTCCTGGATGAAAGATCTCTTGAATCTTTCATCCAGGAGATGTGCGG	Hs.21639	5412	1.288175	0.80656193	0.012358415	0.3237375	0.35831488	0.164419847									
APEG1	AB037718_bp4896_R	AGCTAAAAAGCACATCTCCTGGATGAAAGATCTCTTGAATCTTTCATCCAGGAGATGTGCGG	Hs.21639	10788	1.15645	0.80140875	0.018264612	0.2555375	0.37678744	0.264990426									
APOL3	NM_145641_bp2267_R	AGCTAAAAAGGAGCACTCATACACATCATCTCTCTTGAAGATGATGTGTATGAGTGCTCCGG	Hs.474737	2865	-0.412525	0.7231117	0.238032381				-0.574	1.60574975	0.368866176						
APOL3	NM_145641_bp2267_R	AGCTAAAAAGGAGCACTCATACACATCATCTCTCTTGAAGATGATGTGTATGAGTGCTCCGG	Hs.474737	8241	-0.2664	0.317826	0.195421701				-0.05435	2.20121607	0.947566304						
APOL3	NM_145641_bp2267_R	AGCTAAAAAGGAGCACTCATACACATCATCTCTCTTGAAGATGATGTGTATGAGTGCTCCGG	Hs.474737	13617	-0.362325	0.35889625	0.114200739				-0.24605	2.16567711	0.763261119						
APOL3	NM_145641_bp2316_R	AGCTAAAAAGCAACCAGCATTGACCGATTGTCTCTTGAACAATCGGTCAATGCTGGTTGCGG	Hs.474737	2869	-0.125175	0.72461923	0.701747107				-0.446375	0.92579866	0.274173171						
APOL3	NM_145641_bp2316_R	AGCTAAAAAGCAACCAGCATTGACCGATTGTCTCTTGAACAATCGGTCAATGCTGGTTGCGG	Hs.474737	8245	0.5245	0.75260359	0.207142863				-0.7929	1.0033572	0.122472286						
APOL3	NM_145641_bp2316_R	AGCTAAAAAGCAACCAGCATTGACCGATTGTCTCTTGAACAATCGGTCAATGCTGGTTGCGG	Hs.474737	13621	0.460566667	0.73052862	0.248183655				-1.1012	0.71743054	0.049788439						
APOL3	NM_145641_bp2583_R	AGCTAAAAAGGCATCTTCCTTGCACTGGATTCTCTTGAAATCCAGTGCAAGGAAGATGCCGG	Hs.474737	2867	0.1633	0.18725208	0.320603847				-0.297525	0.51555435	0.287517542						
APOL3	NM_145641_bp2583_R	AGCTAAAAAGGCATCTTCCTTGCACTGGATTCTCTTGAAATCCAGTGCAAGGAAGATGCCGG	Hs.474737	8243	-0.1784	0.33307638	0.373113757				-0.771275	0.53220377	0.024448276						
APOL3	NM_145641_bp2583_R	AGCTAAAAAGGCATCTTCCTTGCACTGGATTCTCTTGAAATCCAGTGCAAGGAAGATGCCGG	Hs.474737	13619	0.4092														
APS	NM_020979_bp2002_R	AGCTAAAAAGGAGAACCAGTACTCCTTCTATCTCTTGAATAGAAGGAGTACTGGTTCTCCGG	Hs.489448	4987	0.2594875	0.55534805	0.347908464	-0.6154875	0.33887269	0.026378473									
APS	NM_020979_bp2002_R	AGCTAAAAAGGAGAACCAGTACTCCTTCTATCTCTTGAATAGAAGGAGTACTGGTTCTCCGG	Hs.489448	10363	0.1903625	0.47617474	0.436030224	-0.6456875	0.33814071	0.022339723									
APS	NM_020979_bp2002_R	AGCTAAAAAGGAGAACCAGTACTCCTTCTATCTCTTGAATAGAAGGAGTACTGGTTCTCCGG	Hs.489448	15739	0.4291625	0.81832739	0.264628188	-1.095575	0.59527784	0.071251415									
APS	NM_020979_bp242_R	AGCTAAAAAGCGCACAAGTTCTGCCGTTTCTCTCTTGAAGAAACGGCAGAACTTGTGCGCGG	Hs.489448	4991	0.2357625	0.13861866	0.152800082	-0.9383875	0.74403759	0.040780695									
APS	NM_020979_bp242_R	AGCTAAAAAGCGCACAAGTTCTGCCGTTTCTCTCTTGAAGAAACGGCAGAACTTGTGCGCGG	Hs.489448	10367	0.2275375	0.05054584	0.142225799	-1.2325625	0.98121107	0.037162434									
APS	NM_020979_bp242_R	AGCTAAAAAGCGCACAAGTTCTGCCGTTTCTCTCTTGAAGAAACGGCAGAACTTGTGCGCGG	Hs.489448	15743	0.0396875	0.10944413	0.78222574	-1.0074375	0.87070911	0.049762328									
APS	NM_020979_bp950_R	AGCTAAAAAGTCCTCAAGGTAGAGAATGGATCTCTTGAATCCATTCTCTACCTTGAGGACGG	Hs.489448	4989	-0.1324125	0.20974471	0.425267477	-0.4248125	0.90750153	0.333564059									
APS	NM_020979_bp950_R	AGCTAAAAAGTCCTCAAGGTAGAGAATGGATCTCTTGAATCCATTCTCTACCTTGAGGACGG	Hs.489448	10365	-0.3864375	0.20207545	0.050651588	-0.5579125	0.58207972	0.10035456									
APS	NM_020979_bp950_R	AGCTAAAAAGTCCTCAAGGTAGAGAATGGATCTCTTGAATCCATTCTCTACCTTGAGGACGG	Hs.489448	15741	-0.1977375	0.18100073	0.236330476	-0.4758125	0.75469897	0.219911868									
AR	NM_000044_bp3092_R	AGCTAAAAAGCTGACAGTGTCACACATTGATCTCTTGAATCAATGTGTGACACTGTCAGCGG	Hs.496240	1339	0.9283625	0.4550606	0.00941757				0.673125	0.29269202	0.016779378						
AR	NM_000044_bp3092_R	AGCTAAAAAGCTGACAGTGTCACACATTGATCTCTTGAATCAATGTGTGACACTGTCAGCGG	Hs.496240	6715	0.8941625	0.45471519	0.010981644				0.637925	0.32476071	0.023283391						
AR	NM_000044_bp3092_R	AGCTAAAAAGCTGACAGTGTCACACATTGATCTCTTGAATCAATGTGTGACACTGTCAGCGG	Hs.496240	12091	0.8766375	0.42794572	0.010212039				0.708975	0.31007751	0.014421428						
AR	NM_000044_bp3481_R	AGCTAAAAAGGCACCTCTCTCAAGAGTTTGTCTCTTGAACAAACTCTTGAGAGAGGTGCCGG	Hs.496240	2324	-0.3513625	0.26117382	0.063262318				0.09295	0.37294247	0.678239502						
AR	NM_000044_bp3481_R	AGCTAAAAAGGCACCTCTCTCAAGAGTTTGTCTCTTGAACAAACTCTTGAGAGAGGTGCCGG	Hs.496240	7700	-0.2837125	0.21925931	0.091454552				-0.143825	0.43338321	0.573465992						
AR	NM_000044_bp3481_R	AGCTAAAAAGGCACCTCTCTCAAGAGTTTGTCTCTTGAACAAACTCTTGAGAGAGGTGCCGG	Hs.496240	13076	-0.4409375	0.16378425	0.020810767				0.0711	0.51719633	0.779795076						
AR	NM_000044_bp3781_R	AGCTAAAAAGCGTGGACTTTCCGGAAATGATCTCTTGAATCATTTCCGGAAAGTCCACGCGG	Hs.496240	1338	-0.978283333	0.3845584	0.011350568				-0.2351	0.46341588	0.372979584						
AR	NM_000044_bp3781_R	AGCTAAAAAGCGTGGACTTTCCGGAAATGATCTCTTGAATCATTTCCGGAAAGTCCACGCGG	Hs.496240	6714	-0.8022375	0.49817628	0.015013657				-0.163125	0.47621013	0.536804381						
AR	NM_000044_bp3781_R	AGCTAAAAAGCGTGGACTTTCCGGAAATGATCTCTTGAATCATTTCCGGAAAGTCCACGCGG	Hs.496240	12090	-0.7745125	0.49698413	0.016911458				-0.111675	0.4317371	0.659847405						
ARAF	NM_001654_bp1243_R	AGCTAAAAAGGCCCAGGCTTTCAAGAATGATCTCTTGAATCATTCTTGAAAGCCTGGGCCGG	Hs.446641	1635	-0.150525	0.53711103	0.565242794	0.0322875	0.31697881	0.867456265									
ARAF	NM_001654_bp1243_R	AGCTAAAAAGGCCCAGGCTTTCAAGAATGATCTCTTGAATCATTCTTGAAAGCCTGGGCCGG	Hs.446641	7011	-0.156425	0.62693694	0.593695924	0.1034125	0.31537645	0.597684839									
ARAF	NM_001654_bp1243_R	AGCTAAAAAGGCCCAGGCTTTCAAGAATGATCTCTTGAATCATTCTTGAAAGCCTGGGCCGG	Hs.446641	12387	-0.1002	0.65428495	0.738689765	0.1367375	0.30049145	0.480897712									
ARAF	NM_001654_bp254_R	AGCTAAAAAGTGGGCACCGTCAAAGTATACTCTCTTGAAGTATACTTTGACGGTGCCCACGG	Hs.446641	68	3.5328	3.56470057	0.072786107	-0.0054625	0.84071403	0.988754008									
ARAF	NM_001654_bp254_R	AGCTAAAAAGTGGGCACCGTCAAAGTATACTCTCTTGAAGTATACTTTGACGGTGCCCACGG	Hs.446641	5444	3.563733333	3.36612103	0.061125393	-0.0274625	1.0365107	0.953172716									
ARAF	NM_001654_bp254_R	AGCTAAAAAGTGGGCACCGTCAAAGTATACTCTCTTGAAGTATACTTTGACGGTGCCCACGG	Hs.446641	10820	5.198075	3.88240401	0.018150891	0.1251625	0.88328971	0.758514453									
ARAF	NM_001654_bp908_R	AGCTAAAAAGGCCAGAGTTTCAGCACTGATTCTCTTGAAATCAGTGCTGAAACTCTGGCCGG	Hs.446641	69	-0.290775	0.3002708	0.154994275	-0.4707625	0.10529048	0.021369649									
ARAF	NM_001654_bp908_R	AGCTAAAAAGGCCAGAGTTTCAGCACTGATTCTCTTGAAATCAGTGCTGAAACTCTGGCCGG	Hs.446641	5445	-0.261825	0.27901157	0.180578539	-0.4529875	0.15519683	0.029327383									
ARAF	NM_001654_bp908_R	AGCTAAAAAGGCCAGAGTTTCAGCACTGATTCTCTTGAAATCAGTGCTGAAACTCTGGCCGG	Hs.446641	10821	-0.1998	0.33612912	0.325411205	-0.3867125	0.18504703	0.054322736									
ARD1A	NM_003491_bp225_R	AGCTAAAAAGCCCCAGCTCTCTTACATTGCTCTCTTGAAGCAATGTAAGAGAGCTGGGGCGG	Hs.433291	1337	-1.3769625	0.20245049	0.000230035				-0.604175	0.35820535	0.032546374						
ARD1A	NM_003491_bp225_R	AGCTAAAAAGCCCCAGCTCTCTTACATTGCTCTCTTGAAGCAATGTAAGAGAGCTGGGGCGG	Hs.433291	6713	-1.3734625	0.22597548	0.0002691				-0.634475	0.33288273	0.02478908						
ARD1A	NM_003491_bp225_R	AGCTAAAAAGCCCCAGCTCTCTTACATTGCTCTCTTGAAGCAATGTAAGAGAGCTGGGGCGG	Hs.433291	12089	-1.4115625	0.28541342	0.000357011				-0.597025	0.29137905	0.027404285						
ARD1A	NM_003491_bp259_R	AGCTAAAAAGGGAAGATTGTGGGGTATGTCTCTCTTGAAGACATACCCCACAATCTTCCCGG	Hs.433291	2320	-1.1850625	0.12405185	0.000296173				-0.1553	1.00899689	0.717689312						
ARD1A	NM_003491_bp259_R	AGCTAAAAAGGGAAGATTGTGGGGTATGTCTCTCTTGAAGACATACCCCACAATCTTCCCGG	Hs.433291	7696	-1.0314375	0.11615888	0.000543192				-0.2332	0.8666041	0.542514277						
ARD1A	NM_003491_bp259_R	AGCTAAAAAGGGAAGATTGTGGGGTATGTCTCTCTTGAAGACATACCCCACAATCTTCCCGG	Hs.433291	13072	-1.1822625	0.23403334	0.000579698				-0.06865	0.94431415	0.870035564						
ARD1A	NM_003491_bp421_R	AGCTAAAAAGCCAAATATGTCTCCCTGCATTCTCTTGAAATGCAGGGAGACATATTTGGCGG	Hs.433291	2322	-0.5393125	0.52111919	0.06088471				-0.306925	0.7671854	0.385949094						
ARD1A	NM_003491_bp421_R	AGCTAAAAAGCCAAATATGTCTCCCTGCATTCTCTTGAAATGCAGGGAGACATATTTGGCGG	Hs.433291	7698	-0.5322875	0.49701565	0.05727652				-0.3615	0.82915953	0.336604442						
ARD1A	NM_003491_bp421_R	AGCTAAAAAGCCAAATATGTCTCCCTGCATTCTCTTGAAATGCAGGGAGACATATTTGGCGG	Hs.433291	13074	-0.5401375	0.47674938	0.050352333				-0.34955	0.74879796	0.320016989						
ARF3	NM_001659_bp314_R	AGCTAAAAAGGGCAATATCTTTGGAAACCTTCTCTTGAAAGGTTTCCAAAGATATTGCCCGG	Hs.119177	3280	-0.435375	0.2251334	0.038189107				-0.0179	0.32405885	0.935738033						
ARF3	NM_001659_bp314_R	AGCTAAAAAGGGCAATATCTTTGGAAACCTTCTCTTGAAAGGTTTCCAAAGATATTGCCCGG	Hs.119177	8656	-0.3465	0.17643133	0.063811775				0.080725	0.38557824	0.732234919						
ARF3	NM_001659_bp314_R	AGCTAAAAAGGGCAATATCTTTGGAAACCTTCTCTTGAAAGGTTTCCAAAGATATTGCCCGG	Hs.119177	14032	-0.287675	0.29602914	0.156477118				-0.07355	0.69742315	0.816713941						
ARF3	NM_001659_bp473_R	AGCTAAAAAGACAGTGGAGTATAAGAACATTCTCTTGAAATGTTCTTATACTCCACTGTCGG	Hs.119177	3278	0.237775	0.46796737	0.333776102				0.814875	0.55685472	0.021646208						
ARF3	NM_001659_bp473_R	AGCTAAAAAGACAGTGGAGTATAAGAACATTCTCTTGAAATGTTCTTATACTCCACTGTCGG	Hs.119177	8654	0.139275	0.43126694	0.538372919				0.880675	0.7629277	0.033719739						
ARF3	NM_001659_bp473_R	AGCTAAAAAGACAGTGGAGTATAAGAACATTCTCTTGAAATGTTCTTATACTCCACTGTCGG	Hs.119177	14030	0.305625	0.79267688	0.400287466				1.238225	0.65940689	0.005366534						
ARF3	NM_001659_bp666_R	AGCTAAAAAGCTGTACTCCTTGTCTTTGCATCTCTTGAATGCAAAGACAAGGAGTACAGCGG	Hs.119177	3282	-0.39875	0.30506237	0.071550959				-0.01735	0.84204816	0.961621695						
ARF3	NM_001659_bp666_R	AGCTAAAAAGCTGTACTCCTTGTCTTTGCATCTCTTGAATGCAAAGACAAGGAGTACAGCGG	Hs.119177	8658	-0.640975	0.2194742	0.008904096				-0.538925	0.33699715	0.045907856						
ARF3	NM_001659_bp666_R	AGCTAAAAAGCTGTACTCCTTGTCTTTGCATCTCTTGAATGCAAAGACAAGGAGTACAGCGG	Hs.119177	14034	-0.95205	0.38351518	0.004681828				-0.5071	0.47069024	0.082658803						
ARHGAP17	AK125358_bp3069_R	AGCTAAAAAGGGAATTGCCTGAACCTTTGATCTCTTGAATCAAAGGTTCAGGCAATTCCCGG		3869							-1.042725	0.50779947	0.006055911						
ARHGAP17	AK125358_bp3069_R	AGCTAAAAAGGGAATTGCCTGAACCTTTGATCTCTTGAATCAAAGGTTCAGGCAATTCCCGG		9245	-0.1639	0.24480037	0.567435686				-0.98045	0.46671991	0.00669619						
ARHGAP17	AK125358_bp3069_R	AGCTAAAAAGGGAATTGCCTGAACCTTTGATCTCTTGAATCAAAGGTTCAGGCAATTCCCGG		14621	-0.4693						-1.038725	0.46296916	0.005022642						
ARHGAP17	AK125358_bp3320_R	AGCTAAAAAGAAGGGACACTTGCTGAAATGTCTCTTGAACATTTCAGCAAGTGTCCCTTCGG		3871	0.7295625	0.38732502	0.014111626				-0.165775	0.46117512	0.518843747						
ARHGAP17	AK125358_bp3320_R	AGCTAAAAAGAAGGGACACTTGCTGAAATGTCTCTTGAACATTTCAGCAAGTGTCCCTTCGG		9247	0.8900625	0.55478795	0.016244465				-0.0896	0.46659317	0.725303194						
ARHGAP17	AK125358_bp3320_R	AGCTAAAAAGAAGGGACACTTGCTGAAATGTCTCTTGAACATTTCAGCAAGTGTCCCTTCGG		14623	0.8689375	0.61410564	0.023528423				0.024825	0.4335632	0.919541814						
ARHGAP17	AK125358_bp3416_R	AGCTAAAAAGAGGTGGAATTTAATGTATCATCTCTTGAATGATACATTAAATTCCACCTCGG		3867	1.0311375	1.25980332	0.095972877				0.076875	0.38266309	0.743764998						
ARHGAP17	AK125358_bp3416_R	AGCTAAAAAGAGGTGGAATTTAATGTATCATCTCTTGAATGATACATTAAATTCCACCTCGG		9243	0.9896375	1.06683938	0.070561749				0.094925	0.35212816	0.678903473						
ARHGAP17	AK125358_bp3416_R	AGCTAAAAAGAGGTGGAATTTAATGTATCATCTCTTGAATGATACATTAAATTCCACCTCGG		14619	0.9984875	0.97690725	0.054287822				0.111725	0.37624637	0.634505129						
ARHGAP24	AL136646_bp1108_R	AGCTAAAAAGAAGCAGGTGTTAAGGAATTATCTCTTGAATAATTCCTTAACACCTGCTTCGG	Hs.444229	3888	1.4567375	0.7417568	0.005638959				0.5436	0.22482513	0.032188159						
ARHGAP24	AL136646_bp1108_R	AGCTAAAAAGAAGCAGGTGTTAAGGAATTATCTCTTGAATAATTCCTTAACACCTGCTTCGG	Hs.444229	9264	1.3333875	0.69137242	0.006410821				0.631975	0.51672952	0.047719055						
ARHGAP24	AL136646_bp1108_R	AGCTAAAAAGAAGCAGGTGTTAAGGAATTATCTCTTGAATAATTCCTTAACACCTGCTTCGG	Hs.444229	14640	1.2760125	0.5022404	0.002756489				0.5256	0.41957627	0.06399959						
ARHGAP24	AL136646_bp1889_R	AGCTAAAAAGGCTGCCAAATGGCTATGTGATCTCTTGAATCACATAGCCATTTGGCAGCCGG	Hs.444229	3914	-0.0848125	0.48460924	0.724742636				0.0281	0.21594303	0.890324561						
ARHGAP24	AL136646_bp1889_R	AGCTAAAAAGGCTGCCAAATGGCTATGTGATCTCTTGAATCACATAGCCATTTGGCAGCCGG	Hs.444229	9290	-0.2049625	0.400137	0.355935934				0.134775	0.17955603	0.506219073						
ARHGAP24	AL136646_bp1889_R	AGCTAAAAAGGCTGCCAAATGGCTATGTGATCTCTTGAATCACATAGCCATTTGGCAGCCGG	Hs.444229	14666	0.1367625	0.4079542	0.532197342				0.370875	0.45551651	0.173813729						
ARHGAP24	AL136646_bp857_R	AGCTAAAAAGCGTGGACTTTATCCGACAAATCTCTTGAATTTGTCGGATAAAGTCCACGCGG	Hs.444229	3886	-1.4781						-0.602	0.14844472	0.017993976						
ARHGAP24	AL136646_bp857_R	AGCTAAAAAGCGTGGACTTTATCCGACAAATCTCTTGAATTTGTCGGATAAAGTCCACGCGG	Hs.444229	9262	-1.0241						-0.61055	0.09236928	0.015358863						
ARHGAP24	AL136646_bp857_R	AGCTAAAAAGCGTGGACTTTATCCGACAAATCTCTTGAATTTGTCGGATAAAGTCCACGCGG	Hs.444229	14638							-0.601425	0.07680813	0.016025704						
ARHGAP25	XM_376060_bp1360_R	AGCTAAAAAGAGGGACTCCTCAGATCCAAATCTCTTGAATTTGGATCTGAGGAGTCCCTCGG		5107	-0.3603125	0.53032951	0.197196785	0.3810625	0.50701168	0.185462568									
ARHGAP25	XM_376060_bp1360_R	AGCTAAAAAGAGGGACTCCTCAGATCCAAATCTCTTGAATTTGGATCTGAGGAGTCCCTCGG		10483	-0.3966875	0.52593655	0.160507661	0.3244625	0.41904491	0.196826486									
ARHGAP25	XM_376060_bp1360_R	AGCTAAAAAGAGGGACTCCTCAGATCCAAATCTCTTGAATTTGGATCTGAGGAGTCCCTCGG		15859	0.0229375	0.24866163	0.892358639	-0.0230125	0.3633895	0.911885248									
ARHGAP25	XM_376060_bp399_R	AGCTAAAAAGCCTGTCTGTTCCTCTCTATATCTCTTGAATATAGAGAGGAACAGACAGGCGG		5105	-0.1948875	0.10025772	0.208305683	-0.1888125	0.61821934	0.538040261									
ARHGAP25	XM_376060_bp399_R	AGCTAAAAAGCCTGTCTGTTCCTCTCTATATCTCTTGAATATAGAGAGGAACAGACAGGCGG		10481	-0.1820625	0.1141402	0.24007785	-0.2165375	0.63170768	0.490181195									
ARHGAP25	XM_376060_bp399_R	AGCTAAAAAGCCTGTCTGTTCCTCTCTATATCTCTTGAATATAGAGAGGAACAGACAGGCGG		15857	-0.1262875	0.08267392	0.386548491	-0.2452375	0.51938961	0.373352488									
ARHGAP28	XM_371108_bp3289_R	AGCTAAAAAGGAGGATTTCTGGCGGGAAATTCTCTTGAAATTTCCCGCCAGAAATCCTCCGG	Hs.183114	3816	-0.169225	0.25557734	0.345981409				-0.5213875	0.12668419	0.030283693						
ARHGAP28	XM_371108_bp3289_R	AGCTAAAAAGGAGGATTTCTGGCGGGAAATTCTCTTGAAATTTCCCGCCAGAAATCCTCCGG	Hs.183114	9192	0.07525	0.5533948	0.775521246				-0.2336875	0.37267635	0.333730767						
ARHGAP28	XM_371108_bp3289_R	AGCTAAAAAGGAGGATTTCTGGCGGGAAATTCTCTTGAAATTTCCCGCCAGAAATCCTCCGG	Hs.183114	14568	0.149025	0.20938404	0.373442091				-0.6370625	0.23771909	0.01802095						
ARHGAP28	XM_371108_bp3402_R	AGCTAAAAAGGCTGCAAGATGTGGGTTTATTCTCTTGAAATAAACCCACATCTTGCAGCCGG	Hs.183114	3812	0.441225	0.24794102	0.040620215				0.7699125	0.21877899	0.007476537						
ARHGAP28	XM_371108_bp3402_R	AGCTAAAAAGGCTGCAAGATGTGGGTTTATTCTCTTGAAATAAACCCACATCTTGCAGCCGG	Hs.183114	9188	0.613225	0.44468555	0.035689265				0.4058125	0.96546295	0.330399482						
ARHGAP28	XM_371108_bp3402_R	AGCTAAAAAGGCTGCAAGATGTGGGTTTATTCTCTTGAAATAAACCCACATCTTGCAGCCGG	Hs.183114	14564	0.834	0.05747331	0.001408047				0.1702875	0.40384254	0.485214073						
ARHGAP28	XM_371108_bp4786_R	AGCTAAAAAGAAGGTTCCATCTTTCTTAATTCTCTTGAAATTAAGAAAGATGGAACCTTCGG	Hs.183114	3814	0.639925	0.60815403	0.062659759				0.1068375	0.09583743	0.580875245						
ARHGAP28	XM_371108_bp4786_R	AGCTAAAAAGAAGGTTCCATCTTTCTTAATTCTCTTGAAATTAAGAAAGATGGAACCTTCGG	Hs.183114	9190	0.30245	0.17201954	0.09192127				0.1549875	0.23831647	0.464467241						
ARHGAP28	XM_371108_bp4786_R	AGCTAAAAAGAAGGTTCCATCTTTCTTAATTCTCTTGAAATTAAGAAAGATGGAACCTTCGG	Hs.183114	14566	0.4771	0.50408777	0.09674428				0.2150375	0.43570353	0.397403288						
ARHGDIA	NM_004309_bp152_R	AGCTAAAAAGGATGAGCACTCGGTCAACTATCTCTTGAATAGTTGACCGAGTGCTCATCCGG	Hs.159161	1334	1.636925	0.45675563	0.012750349				-0.76615	0.69628805	0.125613747						
ARHGDIA	NM_004309_bp152_R	AGCTAAAAAGGATGAGCACTCGGTCAACTATCTCTTGAATAGTTGACCGAGTGCTCATCCGG	Hs.159161	6710	1.527925	0.15312397	0.00866719				-0.6507	0.53061293	0.148420219						
ARHGDIA	NM_004309_bp152_R	AGCTAAAAAGGATGAGCACTCGGTCAACTATCTCTTGAATAGTTGACCGAGTGCTCATCCGG	Hs.159161	12086	2.434716667	1.99877035	0.044503716				-0.6144	0.44866164	0.081495085						

ARHGDIA	NM_004309_bp410_R	AGCTAAAAAGGGTGTGGAGTACCGGATAAATCTCTTGAATTTATCCGGTACTCCACACCCGG	Hs.159161	2310	0.3409125	0.79034175	0.402893553				-0.80855	0.82583633	0.055766743						
ARHGDIA	NM_004309_bp410_R	AGCTAAAAAGGGTGTGGAGTACCGGATAAATCTCTTGAATTTATCCGGTACTCCACACCCGG	Hs.159161	7686	0.3671375	0.78692172	0.364870319				-0.76385	0.8294079	0.067518071						
ARHGDIA	NM_004309_bp410_R	AGCTAAAAAGGGTGTGGAGTACCGGATAAATCTCTTGAATTTATCCGGTACTCCACACCCGG	Hs.159161	13062	0.2388125	0.82776172	0.585725221				-0.8161	0.91656686	0.069093857						
ARHGDIA	NM_004309_bp667_R	AGCTAAAAAGGGAGTGGAATCTCACCATCATCTCTTGAATGATGGTGAGATTCCACTCCCGG	Hs.159161	1333	-0.50935	0.19699638	0.041463389				0.111275	0.67553974	0.712628067						
ARHGDIA	NM_004309_bp667_R	AGCTAAAAAGGGAGTGGAATCTCACCATCATCTCTTGAATGATGGTGAGATTCCACTCCCGG	Hs.159161	6709	-0.370016667	0.35202925	0.137071081				0.257025	0.80711981	0.466225788						
ARHGDIA	NM_004309_bp667_R	AGCTAAAAAGGGAGTGGAATCTCACCATCATCTCTTGAATGATGGTGAGATTCCACTCCCGG	Hs.159161	12085	-0.5200375	0.26426873	0.019580806				0.229375	0.65784611	0.455286932						
ARHGDIB	NM_001175_bp207_R	AGCTAAAAAGACAGCAAGCTCAATTATAAGTCTCTTGAACTTATAATTGAGCTTGCTGTCGG	Hs.504877	2308	1.9941625	0.85971094	0.002735789				0.10055	0.35861973	0.652127326						
ARHGDIB	NM_001175_bp207_R	AGCTAAAAAGACAGCAAGCTCAATTATAAGTCTCTTGAACTTATAATTGAGCTTGCTGTCGG	Hs.504877	7684	1.9752625	0.82790897	0.00247448				0.091975	0.35661843	0.678266834						
ARHGDIB	NM_001175_bp207_R	AGCTAAAAAGACAGCAAGCTCAATTATAAGTCTCTTGAACTTATAATTGAGCTTGCTGTCGG	Hs.504877	13060	2.0516875	0.77906092	0.001654849				0.13145	0.36514248	0.563631138						
ARHGDIB	NM_001175_bp549_R	AGCTAAAAAGGGGTGAAAGTGGATAAAGCATCTCTTGAATGCTTTATCCACTTTCACCCCGG	Hs.504877	2306	-0.9910875	0.23326327	0.001234906				2.446425	1.0015275	0.000763529						
ARHGDIB	NM_001175_bp549_R	AGCTAAAAAGGGGTGAAAGTGGATAAAGCATCTCTTGAATGCTTTATCCACTTTCACCCCGG	Hs.504877	7682	-1.0383125	0.17361552	0.000696131				2.49845	1.06192563	0.0008792						
ARHGDIB	NM_001175_bp549_R	AGCTAAAAAGGGGTGAAAGTGGATAAAGCATCTCTTGAATGCTTTATCCACTTTCACCCCGG	Hs.504877	13058	-1.0787875	0.16015409	0.000547786				2.470925	1.00460927	0.000736						
ARHGDIB	NM_001175_bp720_R	AGCTAAAAAGAGTGGAACCTGTCGATTAAGTCTCTTGAACTTAATCGACAGGTTCCACTCGG	Hs.504877	1320	-1.3173375	0.2511462	0.000391251				-0.143425	0.65911163	0.648787877						
ARHGDIB	NM_001175_bp720_R	AGCTAAAAAGAGTGGAACCTGTCGATTAAGTCTCTTGAACTTAATCGACAGGTTCCACTCGG	Hs.504877	6696	-1.2760625	0.39598064	0.001227181				-0.117775	0.76462798	0.734884992						
ARHGDIB	NM_001175_bp720_R	AGCTAAAAAGAGTGGAACCTGTCGATTAAGTCTCTTGAACTTAATCGACAGGTTCCACTCGG	Hs.504877	12072	-1.2505625	0.33400241	0.000877351				-0.14105	0.86331075	0.708808791						
ARHGEF10	NM_014629_bp4520_R	AGCTAAAAAGCTGGATGCATACAGTGAATATCTCTTGAATATTCACTGTATGCATCCAGCGG	Hs.98594	2663	1.226883333	0.51077951	0.011011486				-0.45525	0.49428478	0.119139932						
ARHGEF10	NM_014629_bp4520_R	AGCTAAAAAGCTGGATGCATACAGTGAATATCTCTTGAATATTCACTGTATGCATCCAGCGG	Hs.98594	8039	1.323116667	0.45207176	0.006533449				-0.3816	0.58101688	0.212176924						
ARHGEF10	NM_014629_bp4520_R	AGCTAAAAAGCTGGATGCATACAGTGAATATCTCTTGAATATTCACTGTATGCATCCAGCGG	Hs.98594	13415	1.3244125	0.43753493	0.001743072				-0.412075	0.57374726	0.179348194						
ARHGEF10	NM_014629_bp5657_R	AGCTAAAAAGCAGCAGGAGTTCAAGATTGATCTCTTGAATCAATCTTGAACTCCTGCTGCGG	Hs.98594	1319	-0.0356375	0.68510495	0.813866033				-0.244675	0.70036936	0.456055213						
ARHGEF10	NM_014629_bp5657_R	AGCTAAAAAGCAGCAGGAGTTCAAGATTGATCTCTTGAATCAATCTTGAACTCCTGCTGCGG	Hs.98594	6695	-0.0943875	0.60955991	0.6446589				-0.18295	0.74220054	0.589788758						
ARHGEF10	NM_014629_bp5657_R	AGCTAAAAAGCAGCAGGAGTTCAAGATTGATCTCTTGAATCAATCTTGAACTCCTGCTGCGG	Hs.98594	12071	0.0335625	0.66734282	0.989262496				-0.098675	0.73452319	0.771685272						
ARHGEF10	NM_014629_bp7072_R	AGCTAAAAAGGCAGATCCCTCTGCTGAATATCTCTTGAATATTCAGCAGAGGGATCTGCCGG	Hs.98594	6694	1.7799625	0.46077979	0.000510674				0.599625	0.57407287	0.065499786						
ARHGEF10	NM_014629_bp7072_R	AGCTAAAAAGGCAGATCCCTCTGCTGAATATCTCTTGAATATTCAGCAGAGGGATCTGCCGG	Hs.98594	12070	1.7181875	0.33956402	0.00026045				0.60285	0.45269201	0.04370717						
ARHGEF10	NM_014629_bp7072_R	AGCTAAAAAGGCAGATCCCTCTGCTGAATATCTCTTGAATATTCAGCAGAGGGATCTGCCGG	Hs.98594	1318	1.7100375	0.44130397	0.00054468				0.9817	0.45283118	0.0455947						
ARHGEF2	BC020567_bp1093_R	AGCTAAAAAGGAGCAGATGTGTAAGACCTATCTCTTGAATAGGTCTTACACATCTGCTCCGG	Hs.568509	4377	1.49865	1.86429364	0.095925164	0.708775	0.32887859	0.015301855	-0.4493	0.7133847	0.247600721						
ARHGEF2	BC020567_bp1093_R	AGCTAAAAAGGAGCAGATGTGTAAGACCTATCTCTTGAATAGGTCTTACACATCTGCTCCGG	Hs.568509	9753	1.531475	1.91264116	0.096717808	0.476275	0.66980205	0.182531325	-0.24226667	0.44940896	0.425345871						
ARHGEF2	BC020567_bp1093_R	AGCTAAAAAGGAGCAGATGTGTAAGACCTATCTCTTGAATAGGTCTTACACATCTGCTCCGG	Hs.568509	15129	1.7847	1.6095251	0.037522406	0.42125	0.40782627	0.108351836	-0.20556667	0.38792166	0.476143515						
ARHGEF2	BC020567_bp1658_R	AGCTAAAAAGTGGTATCGCTGCAGAATCTATCTCTTGAATAGATTCTGCAGCGATACCACGG	Hs.568509	4375	0.77725	1.08989879	0.137983711	-1.16485	0.9139908	0.036305627	-0.19166667	0.4065349	0.51043306						
ARHGEF2	BC020567_bp1658_R	AGCTAAAAAGTGGTATCGCTGCAGAATCTATCTCTTGAATAGATTCTGCAGCGATACCACGG	Hs.568509	9751	0.611875	0.97689709	0.185796651	-0.799	0.42406833	0.016920648	-0.59803333	0.44652769	0.084051494						
ARHGEF2	BC020567_bp1658_R	AGCTAAAAAGTGGTATCGCTGCAGAATCTATCTCTTGAATAGATTCTGCAGCGATACCACGG	Hs.568509	15127	0.22315	1.35071515	0.695486728	-0.45655	0.18182566	0.032047874	-0.52253333	0.40536021	0.110474635						
ARHGEF2	BC020567_bp2774_R	AGCTAAAAAGCCCTGTACTTGAGTTTCAACTCTCTTGAAGTTGAAACTCAAGTACAGGGCGG	Hs.568509	4379	0.161	0.25877165	0.369899476	0.77785	0.31372396	0.009966105	-1.08393333	0.92083474	0.04271623						
ARHGEF2	BC020567_bp2774_R	AGCTAAAAAGCCCTGTACTTGAGTTTCAACTCTCTTGAAGTTGAAACTCAAGTACAGGGCGG	Hs.568509	9755	0.055475	0.23702403	0.740574014	1.07195	0.51787941	0.009547318	-1.078	0.94215602	0.045742491						
ARHGEF2	BC020567_bp2774_R	AGCTAAAAAGCCCTGTACTTGAGTTTCAACTCTCTTGAAGTTGAAACTCAAGTACAGGGCGG	Hs.568509	15131	0.545875	0.58009794	0.088644268	0.7659	1.37392307	0.29524187	-0.1224	1.6011726	0.857531201						
ARHGEF3	AF433662_bp1108_R	AGCTAAAAAGCGGCTTCTTTACTTGGAAGATCTCTTGAATCTTCCAAGTAAAGAAGCCGCGG	Hs.476402	3722	-0.9090125	0.47047169	0.009546973				-0.01935	0.33472292	0.931198948						
ARHGEF3	AF433662_bp1108_R	AGCTAAAAAGCGGCTTCTTTACTTGGAAGATCTCTTGAATCTTCCAAGTAAAGAAGCCGCGG	Hs.476402	9098	-0.7883125	0.47727716	0.017230538				-0.22625	0.27133347	0.308792109						
ARHGEF3	AF433662_bp1108_R	AGCTAAAAAGCGGCTTCTTTACTTGGAAGATCTCTTGAATCTTCCAAGTAAAGAAGCCGCGG	Hs.476402	14474	-0.9110625	0.42755073	0.00737207				0.054975	0.1606208	0.780552679						
ARHGEF3	AF433662_bp237_R	AGCTAAAAAGCCTTTGCAGTCTCGACATAATCTCTTGAATTATGTCGAGACTGCAAAGGCGG	Hs.476402	3724	0.0584625	0.31204309	0.754359569				0.280825	0.17949225	0.1908917						
ARHGEF3	AF433662_bp237_R	AGCTAAAAAGCCTTTGCAGTCTCGACATAATCTCTTGAATTATGTCGAGACTGCAAAGGCGG	Hs.476402	9100	0.0159875	0.34408794	0.934670697				0.428575	0.47606183	0.130997858						
ARHGEF3	AF433662_bp237_R	AGCTAAAAAGCCTTTGCAGTCTCGACATAATCTCTTGAATTATGTCGAGACTGCAAAGGCGG	Hs.476402	14476	0.0133875	0.27023661	0.938939487				0.4909	0.34797834	0.064306545						
ARHGEF4	AK127124_bp1131_R	AGCTAAAAAGTCACCATAGTGCCCCAGAAATCTCTTGAATTTCTGGGGCACTATGGTGACGG	Hs.469935	4013	-1.21305	1.1766964	0.10730726				-0.207625	0.51832177	0.447905999						
ARHGEF4	AK127124_bp1131_R	AGCTAAAAAGTCACCATAGTGCCCCAGAAATCTCTTGAATTTCTGGGGCACTATGGTGACGG	Hs.469935	9389	-0.6653125	0.80304569	0.104682086				-0.3071	0.76785103	0.379486559						
ARHGEF4	AK127124_bp1131_R	AGCTAAAAAGTCACCATAGTGCCCCAGAAATCTCTTGAATTTCTGGGGCACTATGGTGACGG	Hs.469935	14765	-0.116983333	0.77512689	0.759652378				-0.182075	0.55018527	0.515926041						
ARHGEF4	AK127124_bp2955_R	AGCTAAAAAGAGTCGATAGTTCTAGAGAAATCTCTTGAATTTCTCTAGAACTATCGACTCGG	Hs.469935	4011							-0.290425	0.34876988	0.230107494						
ARHGEF4	AK127124_bp2955_R	AGCTAAAAAGAGTCGATAGTTCTAGAGAAATCTCTTGAATTTCTCTAGAACTATCGACTCGG	Hs.469935	9387	-0.5888						-0.407175	0.30494081	0.099301053						
ARHGEF4	AK127124_bp2955_R	AGCTAAAAAGAGTCGATAGTTCTAGAGAAATCTCTTGAATTTCTCTAGAACTATCGACTCGG	Hs.469935	14763							-0.305025	0.30268713	0.194293324						
ARHGEF4	AK127124_bp607_R	AGCTAAAAAGTCCCCTAGCTTAGAGGATGATCTCTTGAATCATCCTCTAAGCTAGGGGACGG	Hs.469935	4015	-0.7801	0.44547727	0.078449593				-0.1534	0.12565973	0.439422335						
ARHGEF4	AK127124_bp607_R	AGCTAAAAAGTCCCCTAGCTTAGAGGATGATCTCTTGAATCATCCTCTAAGCTAGGGGACGG	Hs.469935	9391	-0.7004	0.25682118	0.072457945				0.0426	0.17488715	0.830219421						
ARHGEF4	AK127124_bp607_R	AGCTAAAAAGTCCCCTAGCTTAGAGGATGATCTCTTGAATCATCCTCTAAGCTAGGGGACGG	Hs.469935	14767	-0.7597	0.26912484	0.061048934				0.37935	0.6768401	0.249630643						
ARID3A	BC060828_bp1232_R	AGCTAAAAAGCGGACCCAATACATGGAGTATCTCTTGAATACTCCATGTATTGGGTCCGCGG	Hs.501296	10429	0.8000125	0.16827838	0.002633174	-0.2634875	0.33497891	0.226249281									
ARID3A	BC060828_bp1232_R	AGCTAAAAAGCGGACCCAATACATGGAGTATCTCTTGAATACTCCATGTATTGGGTCCGCGG	Hs.501296	15805	-0.0964125	0.07950585	0.50069247	-0.1611625	0.34895626	0.444096419									
ARID3A	BC060828_bp1232_R	AGCTAAAAAGCGGACCCAATACATGGAGTATCTCTTGAATACTCCATGTATTGGGTCCGCGG	Hs.501296	5053	1.1126			-0.2673375	0.37485037	0.245350479									
ARID3A	BC060828_bp1470_R	AGCTAAAAAGCCCCTAAGATCAAGAAAGAGTCTCTTGAACTCTTTCTTGATCTTAGGGGCGG	Hs.501296	5049	-0.1533125	0.19784804	0.35424663	0.1733375	0.47549101	0.494145563									
ARID3A	BC060828_bp1470_R	AGCTAAAAAGCCCCTAAGATCAAGAAAGAGTCTCTTGAACTCTTTCTTGATCTTAGGGGCGG	Hs.501296	10425	-0.1290625	0.09873055	0.382331446	0.1486875	0.3984102	0.50939719									
ARID3A	BC060828_bp1470_R	AGCTAAAAAGCCCCTAAGATCAAGAAAGAGTCTCTTGAACTCTTTCTTGATCTTAGGGGCGG	Hs.501296	15801	-0.0937375	0.3184895	0.622024074	0.1832875	0.17122083	0.272792902									
ARID3A	BC060828_bp719_R	AGCTAAAAAGGAGGAGGATTACGAGGATGATCTCTTGAATCATCCTCGTAATCCTCCTCCGG	Hs.501296	5051	2.2860125	0.36912004	7.33E-05	1.0460875	0.35829483	0.004159785									
ARID3A	BC060828_bp719_R	AGCTAAAAAGGAGGAGGATTACGAGGATGATCTCTTGAATCATCCTCGTAATCCTCCTCCGG	Hs.501296	10427	2.3629125	0.39165322	7.34E-05	1.0868875	0.3491394	0.003369136									
ARID3A	BC060828_bp719_R	AGCTAAAAAGGAGGAGGATTACGAGGATGATCTCTTGAATCATCCTCGTAATCCTCCTCCGG	Hs.501296	15803	2.181675	2.60020841	0.137319634	1.304725	0.07859492	0.020749228									
ARID3B	BC045545_bp1308_R	AGCTAAAAAGCTCCAGCAGTGGTACCAATATCTCTTGAATATTGGTACCACTGCTGGAGCGG	Hs.10431	4344	-0.399075	0.37838794	0.096244949	-0.164	0.4190611	0.48234348	0.091666667	1.63174236	0.89039407						
ARID3B	BC045545_bp1308_R	AGCTAAAAAGCTCCAGCAGTGGTACCAATATCTCTTGAATATTGGTACCACTGCTGGAGCGG	Hs.10431	9720	-0.405575	0.38068602	0.093081632	-0.42475	0.50590235	0.148151755	-0.2051	1.51176858	0.743093222						
ARID3B	BC045545_bp1308_R	AGCTAAAAAGCTCCAGCAGTGGTACCAATATCTCTTGAATATTGGTACCACTGCTGGAGCGG	Hs.10431	15096	-0.299825	0.46794152	0.235313894	-0.2412	0.37018477	0.284762797	0.143033333	1.36731173	0.803145644						
ARID3B	BC045545_bp2802_R	AGCTAAAAAGATGTCAGGTTCATTGAAATATCTCTTGAATATTTCAATGAACCTGACATCGG	Hs.10431	4372	5.61395	3.58379566	0.009921177	-0.2018	0.43382656	0.40385973	0.1757	1.88343038	0.816392237						
ARID3B	BC045545_bp2802_R	AGCTAAAAAGATGTCAGGTTCATTGAAATATCTCTTGAATATTTCAATGAACCTGACATCGG	Hs.10431	9748	5.20005	3.07956217	0.007366225	-0.254775	0.47611299	0.329903092	0.275833333	1.8533115	0.712707382						
ARID3B	BC045545_bp2802_R	AGCTAAAAAGATGTCAGGTTCATTGAAATATCTCTTGAATATTTCAATGAACCTGACATCGG	Hs.10431	15124	5.13045	3.05579294	0.007544068	-0.22825	0.34655303	0.498832068	0.0527	1.85099228	0.94345934						
ARID3B	BC045545_bp871_R	AGCTAAAAAGGATGACCTCTTCGTCTTTATTCTCTTGAAATAAAGACGAAGAGGTCATCCGG	Hs.10431	4370	-0.263975	0.465253	0.286799764	-0.201425	0.54667795	0.473775762	0.2591	0.51617204	0.418434903						
ARID3B	BC045545_bp871_R	AGCTAAAAAGGATGACCTCTTCGTCTTTATTCTCTTGAAATAAAGACGAAGAGGTCATCCGG	Hs.10431	9746	-0.32185	0.35768874	0.149747733	-0.2511	0.47521806	0.335621303	-0.02723333	0.35887589	0.921189917						
ARID3B	BC045545_bp871_R	AGCTAAAAAGGATGACCTCTTCGTCTTTATTCTCTTGAAATAAAGACGAAGAGGTCATCCGG	Hs.10431	15122	-0.335675	0.42311497	0.168226575	-0.4318	0.58900952	0.24274703	-0.304	0.26220414	0.271464438						
ARID5B	BX641020_bp1302_R	AGCTAAAAAGACCTTGTGATTGCAGGGAAATCTCTTGAATTTCCCTGCAATCACAAGGTCGG	Hs.535297	4785	0.9509125	0.31404722	0.003009893	0.2179375	0.8263499	0.57544271									
ARID5B	BX641020_bp1302_R	AGCTAAAAAGACCTTGTGATTGCAGGGAAATCTCTTGAATTTCCCTGCAATCACAAGGTCGG	Hs.535297	10161	0.8785625	0.306617	0.004042712	0.1517625	0.49714191	0.558751758									
ARID5B	BX641020_bp1302_R	AGCTAAAAAGACCTTGTGATTGCAGGGAAATCTCTTGAATTTCCCTGCAATCACAAGGTCGG	Hs.535297	15537	0.9942375	0.26428008	0.001782964	0.2291375	0.71999584	0.510732119									
ARID5B	BX641020_bp1532_R	AGCTAAAAAGGCTGGGTATTCTCATTCTCTTCTCTTGAAAGAGAATGAGAATACCCAGCCGG	Hs.535297	4644	-0.1881625	0.21313062	0.274286454	-0.2510625	0.91522612	0.556303915									
ARID5B	BX641020_bp1532_R	AGCTAAAAAGGCTGGGTATTCTCATTCTCTTCTCTTGAAAGAGAATGAGAATACCCAGCCGG	Hs.535297	10020	-0.2166125	0.27853253	0.254269815	-0.2464125	1.0172052	0.598113778									
ARID5B	BX641020_bp1532_R	AGCTAAAAAGGCTGGGTATTCTCATTCTCTTCTCTTGAAAGAGAATGAGAATACCCAGCCGG	Hs.535297	15396	0.0302875	0.26437431	0.861425745	0.3193125	0.48140036	0.23862108									
ARID5B	BX641020_bp636_R	AGCTAAAAAGACTCCTACGTCCTGAAGCAATCTCTTGAATTGCTTCAGGACGTAGGAGTCGG	Hs.535297	4783	-0.0940375	0.42892815	0.673438323	-0.0103875	1.11665549	0.98345015									
ARID5B	BX641020_bp636_R	AGCTAAAAAGACTCCTACGTCCTGAAGCAATCTCTTGAATTGCTTCAGGACGTAGGAGTCGG	Hs.535297	10159	-0.2794375	0.6062816	0.344303175	-0.1210625	0.95382192	0.781075155									
ARID5B	BX641020_bp636_R	AGCTAAAAAGACTCCTACGTCCTGAAGCAATCTCTTGAATTGCTTCAGGACGTAGGAGTCGG	Hs.535297	15535	-0.1969625	0.55447409	0.46702366	-0.0892125	1.047604	0.850450509									
ARK5	XM_374996_bp2261_R	AGCTAAAAAGGGCCACTATTGAGGACATTGTCTCTTGAACAATGTCCTCAATAGTGGCCCGG		6269	0.1482			-0.1282											
ARK5	XM_374996_bp2261_R	AGCTAAAAAGGGCCACTATTGAGGACATTGTCTCTTGAACAATGTCCTCAATAGTGGCCCGG		11645	0.1734			0.0084											
ARK5	XM_374996_bp2261_R	AGCTAAAAAGGGCCACTATTGAGGACATTGTCTCTTGAACAATGTCCTCAATAGTGGCCCGG		893															
ARK5	XM_374996_bp2292_R	AGCTAAAAAGTGGGTGAACTGGGGCTATAATCTCTTGAATTATAGCCCCAGTTCACCCACGG		2070	0.0707	0.15468725	0.640746225	-0.358875	0.47325842	0.189551286									
ARK5	XM_374996_bp2292_R	AGCTAAAAAGTGGGTGAACTGGGGCTATAATCTCTTGAATTATAGCCCCAGTTCACCCACGG		7446	0.2545	0.29682086	0.200860958	0.03415	0.62677978	0.910296856									
ARK5	XM_374996_bp2292_R	AGCTAAAAAGTGGGTGAACTGGGGCTATAATCTCTTGAATTATAGCCCCAGTTCACCCACGG		12822	0.501125	0.58012351	0.110547054	-0.2546	0.43236559	0.30234038									
ARK5	XM_374996_bp2796_R	AGCTAAAAAGCAGAGAGAATCAGGTTACTATCTCTTGAATAGTAACCTGATTCTCTCTGCGG		12824	5.511075	3.27405912	0.007441542												
ARK5	XM_374996_bp2796_R	AGCTAAAAAGCAGAGAGAATCAGGTTACTATCTCTTGAATAGTAACCTGATTCTCTCTGCGG		7448															
ARL8B	BC063125_bp346_R	AGCTAAAAAGTCAGGTCAATTCAGTGAAGATCTCTTGAATCTTCACTGAATTGACCTGACGG	Hs.250009	4568	0.168275	0.69481037	0.596820305	0.6679	0.64110166	0.076672597	-0.69153333	1.00069269	0.165808051						
ARL8B	BC063125_bp346_R	AGCTAAAAAGTCAGGTCAATTCAGTGAAGATCTCTTGAATCTTCACTGAATTGACCTGACGG	Hs.250009	9944	0.144975	0.65898651	0.633433968	0.5165	0.70505818	0.169016531	-0.67403333	1.18961162	0.223926474						
ARL8B	BC063125_bp346_R	AGCTAAAAAGTCAGGTCAATTCAGTGAAGATCTCTTGAATCTTCACTGAATTGACCTGACGG	Hs.250009	15320	0.413	0.56472975	0.164416517	0.758375	0.68021626	0.061594987	-0.70926667	1.17300391	0.199849681						
ARL8B	BC063125_bp383_R	AGCTAAAAAGGCTTCAACATGAGGAAGGTATCTCTTGAATACCTTCCTCATGTTGAAGCCGG	Hs.250009	4566	0.078875	0.36677734	0.698084327	0.219775	0.78529518	0.555817791	-0.43653333	0.78918921	0.284637592						
ARL8B	BC063125_bp383_R	AGCTAAAAAGGCTTCAACATGAGGAAGGTATCTCTTGAATACCTTCCTCATGTTGAAGCCGG	Hs.250009	9942	0.234125	0.32772325	0.252347046	0.42955	0.40890519	0.103724641	-0.70296667	0.53250152	0.064054945						
ARL8B	BC063125_bp383_R	AGCTAAAAAGGCTTCAACATGAGGAAGGTATCTCTTGAATACCTTCCTCATGTTGAAGCCGG	Hs.250009	15318	0.537575	0.31799812	0.029554669	0.33835	0.41452471	0.179232126	-1.03456667	1.22868413	0.09210846						
ARL8B	BC063125_bp486_R	AGCTAAAAAGAGTCAATGCTATTGTTTACATCTCTTGAATGTAAACAATAGCATTGACTCGG	Hs.250009	4564	-0.411575	0.51273406	0.142400901	-0.47875	0.37182132	0.06707134	-0.32363333	0.35246301	0.268877457						
ARL8B	BC063125_bp486_R	AGCTAAAAAGAGTCAATGCTATTGTTTACATCTCTTGAATGTAAACAATAGCATTGACTCGG	Hs.250009	9940	-0.1613	0.94887714	0.695562871	-0.5845	0.32230188	0.028711197	-0.41576667	0.3444972	0.168951238						
ARL8B	BC063125_bp486_R	AGCTAAAAAGAGTCAATGCTATTGTTTACATCTCTTGAATGTAAACAATAGCATTGACTCGG	Hs.250009	15316	-0.300175	0.49650669	0.251170336	-0.588725	0.47162324	0.057270546	-0.57413333	0.26644004	0.066877021						
ARNT	NM_001668_bp2230_R	AGCTAAAAAGTCTCACCAATCGTGGATCTATCTCTTGAATAGATCCACGATTGGTGAGACGG	Hs.181301	1317	-0.3323125	0.44098083	0.14403759				0.050325	0.27118645	0.799121373						
ARNT	NM_001668_bp2230_R	AGCTAAAAAGTCTCACCAATCGTGGATCTATCTCTTGAATAGATCCACGATTGGTGAGACGG	Hs.181301	6693	-0.4155875	0.47563093	0.099370933				-0.149425	0.22654682	0.487420288						
ARNT	NM_001668_bp2230_R	AGCTAAAAAGTCTCACCAATCGTGGATCTATCTCTTGAATAGATCCACGATTGGTGAGACGG	Hs.181301	12069	-0.3454125	0.39227146	0.11233747				-0.08145	0.22774454	0.706625918						
ARNT	NM_001668_bp843_R	AGCTAAAAAGGGCGTATCCTGGATCTAAAGTCTCTTGAACTTTAGATCCAGGATACGCCCGG	Hs.181301	1316	1.5718125	0.1906877	0.00014393				1.353	0.4640206	0.001339826						
ARNT	NM_001668_bp843_R	AGCTAAAAAGGGCGTATCCTGGATCTAAAGTCTCTTGAACTTTAGATCCAGGATACGCCCGG	Hs.181301	6692	1.5140375	0.1885217	0.000170405				1.27905	0.39373201	0.001262871						
ARNT	NM_001668_bp843_R	AGCTAAAAAGGGCGTATCCTGGATCTAAAGTCTCTTGAACTTTAGATCCAGGATACGCCCGG	Hs.181301	12068	1.5486375	0.23788116	0.000210012				1.371675	0.43961496	0.001093613						
ARNT	NM_001668_bp965_R	AGCTAAAAAGGACCCAGTTTCTGTGAATAGTCTCTTGAACTATTCACAGAAACTGGGTCCGG	Hs.181301	2661	-0.3142875	0.14850302	0.055710608				0.714925	0.50013426	0.028263302						
ARNT	NM_001668_bp965_R	AGCTAAAAAGGACCCAGTTTCTGTGAATAGTCTCTTGAACTATTCACAGAAACTGGGTCCGG	Hs.181301	8037	-0.3031125	0.14908018	0.061536495				0.64305	0.3199127	0.022135723						
ARNT	NM_001668_bp965_R	AGCTAAAAAGGACCCAGTTTCTGTGAATAGTCTCTTGAACTATTCACAGAAACTGGGTCCGG	Hs.181301	13413	-0.2380625	0.26128106	0.154323842				0.71315	0.66850512	0.051326048						
ARNTL2	AF231338_bp1104_R	AGCTAAAAAGGGAACTTCTTGTTATGAATATCTCTTGAATATTCATAACAAGAAGTTCCCGG	Hs.434269	3640							0.52055	0.37257606	0.057345375						
ARNTL2	AF231338_bp1104_R	AGCTAAAAAGGGAACTTCTTGTTATGAATATCTCTTGAATATTCATAACAAGAAGTTCCCGG	Hs.434269	9016							0.45535	0.26511767	0.065184935						
ARNTL2	AF231338_bp1104_R	AGCTAAAAAGGGAACTTCTTGTTATGAATATCTCTTGAATATTCATAACAAGAAGTTCCCGG	Hs.434269	14392							0.487825	0.4452186	0.08607456						
ARNTL2	AF231338_bp1465_R	AGCTAAAAAGCAAATGAAATTCTGGATTTATCTCTTGAATAAATCCAGAATTTCATTTGCGG	Hs.434269	3642	-0.4476125	0.23862643	0.037087337				-0.072475	0.29510343	0.739014262						
ARNTL2	AF231338_bp1465_R	AGCTAAAAAGCAAATGAAATTCTGGATTTATCTCTTGAATAAATCCAGAATTTCATTTGCGG	Hs.434269	9018	-0.5167125	0.1997091	0.018534589				-0.0659	0.30789005	0.764226241						
ARNTL2	AF231338_bp1465_R	AGCTAAAAAGCAAATGAAATTCTGGATTTATCTCTTGAATAAATCCAGAATTTCATTTGCGG	Hs.434269	14394	-0.4410375	0.36766964	0.070064192				0.001975	0.33113444	0.992944283						
ARNTL2	AF231338_bp610_R	AGCTAAAAAGTTGCCAAAGTAAAGGAACAATCTCTTGAATTGTTCCTTTACTTTGGCAACGG	Hs.434269	3638							-0.056225	0.34201931	0.803639943						
ARNTL2	AF231338_bp610_R	AGCTAAAAAGTTGCCAAAGTAAAGGAACAATCTCTTGAATTGTTCCTTTACTTTGGCAACGG	Hs.434269	9014							0.1477	0.358556	0.526178354						
ARNTL2	AF231338_bp610_R	AGCTAAAAAGTTGCCAAAGTAAAGGAACAATCTCTTGAATTGTTCCTTTACTTTGGCAACGG	Hs.434269	14390							0.016275	0.26315697	0.93850584						
ASB13	BC012056_bp1020_R	AGCTAAAAAGCAGCGTGATTGCTGTAGATATCTCTTGAATATCTACAGCAATCACGCTGCGG	Hs.445899	4289	-0.8926	0.63055734	0.022996504	0.079525	0.69514276	0.809932904	0.3569	0.17852431	0.190721788						
ASB13	BC012056_bp1020_R	AGCTAAAAAGCAGCGTGATTGCTGTAGATATCTCTTGAATATCTACAGCAATCACGCTGCGG	Hs.445899	9665	-0.837875	0.75127074	0.04611443	0.2284	0.85138389	0.567762194	0.2482	0.18187378	0.341932493						
ASB13	BC012056_bp1020_R	AGCTAAAAAGCAGCGTGATTGCTGTAGATATCTCTTGAATATCTACAGCAATCACGCTGCGG	Hs.445899	15041	-0.788325	0.56821788	0.026983747	0.21025	0.79581155	0.576626342	0.171266667	0.06905174	0.487490921						
ASB13	BC012056_bp399_R	AGCTAAAAAGAGCGGGAGTTCCGAATGTGTTCTCTTGAAACACATTCGGAACTCCCGCTCGG	Hs.445899	4287	-0.467425	0.69927581	0.179447146	1.0421	0.46810367	0.008105291	-0.4564	0.53741387	0.186842491						
ASB13	BC012056_bp399_R	AGCTAAAAAGAGCGGGAGTTCCGAATGTGTTCTCTTGAAACACATTCGGAACTCCCGCTCGG	Hs.445899	9663	-0.4753	0.68438088	0.167337134	1.124325	0.60928957	0.012640819	-0.43423333	0.42091477	0.172630557						
ASB13	BC012056_bp399_R	AGCTAAAAAGAGCGGGAGTTCCGAATGTGTTCTCTTGAAACACATTCGGAACTCCCGCTCGG	Hs.445899	15039	-0.3857	0.70968512	0.259356047	1.003975	0.57362486	0.016063911	-0.42843333	0.50979555	0.202469478						
ASB13	BC012056_bp504_R	AGCTAAAAAGCATCTGGACTGTGTCAAAGTTCTCTTGAAACTTTGACACAGTCCAGATGCGG	Hs.445899	4285	-0.820725	0.7139291	0.043045489	-0.310375	0.12249915	0.080948107	-0.50693333	0.76573712	0.215583214						
ASB13	BC012056_bp504_R	AGCTAAAAAGCATCTGGACTGTGTCAAAGTTCTCTTGAAACTTTGACACAGTCCAGATGCGG	Hs.445899	9661	-0.690925	0.74288066	0.079601231	-0.2313	0.38228158	0.310567323	-0.67016667	1.20067375	0.229118317						
ASB13	BC012056_bp504_R	AGCTAAAAAGCATCTGGACTGTGTCAAAGTTCTCTTGAAACTTTGACACAGTCCAGATGCGG	Hs.445899	15037	-0.736975	0.83418078	0.087258082	-0.47975	0.13797209	0.022552443	-0.57096667	1.45689017	0.364982203						
ASB2	NM_016150_bp1956_R	AGCTAAAAAGGTGCAGTTCTGTGAGTTCGTTCTCTTGAAACGAACTCACAGAACTGCACCGG	Hs.510327	3360	1.09155	0.22251914	0.000888936				0.1690875	0.60343213	0.565062562	0.2925	0.29031244	0.137308593	0.24285	0.74036118	0.558629481
ASB2	NM_016150_bp1956_R	AGCTAAAAAGGTGCAGTTCTGTGAGTTCGTTCTCTTGAAACGAACTCACAGAACTGCACCGG	Hs.510327	8736	0.50915	0.47621047	0.072936814				0.0792125	0.43951678	0.749589234	0.305425	0.29401555	0.129297404	0.201275	0.73920172	0.623917308
ASB2	NM_016150_bp1956_R	AGCTAAAAAGGTGCAGTTCTGTGAGTTCGTTCTCTTGAAACGAACTCACAGAACTGCACCGG	Hs.510327	14112	0.7552	0.29222497	0.006987215				-0.0901875	0.97674281	0.823467762	0.373125	0.29383592	0.084703032	0.2441	0.78224093	0.576797681
ASB2	NM_016150_bp2217_R	AGCTAAAAAGCTGATTAGATACCTGAAATATCTCTTGAATATTTCAGGTATCTAATCAGCGG	Hs.510327	3358	-0.454533333	0.30016904	0.092716536				0.5375875	0.14412116	0.027855101	0.6533	0.55632355	0.100430382	1.052075	0.2683375	0.004319413
ASB2	NM_016150_bp2217_R	AGCTAAAAAGCTGATTAGATACCTGAAATATCTCTTGAATATTTCAGGTATCTAATCAGCGG	Hs.510327	8734	-0.62725	0.20556016	0.009005854				0.6011125	0.16979131	0.018988437	0.649075	0.55216114	0.100211604	1.13845	0.18939429	0.001238301
ASB2	NM_016150_bp2217_R	AGCTAAAAAGCTGATTAGATACCTGAAATATCTCTTGAATATTTCAGGTATCTAATCAGCGG	Hs.510327	14110	-0.384433333	0.06269714	0.084810504				0.3764	0.08838835	0.29336588	0.73515	0.48012622	0.054892762	1.1556	0.30579495	0.004803244
ASB2	NM_016150_bp936_R	AGCTAAAAAGCCGGACATCTCCAACAAATCTCTTGAAGATTTGTTGGAGATGTCCGGCGG	Hs.510327	3356	0.56255	0.5336189	0.068735559				-0.3931625	0.44222383	0.14860165	-0.1555	0.29262305	0.365840793	-0.451275	1.0725889	0.461869247
ASB2	NM_016150_bp936_R	AGCTAAAAAGCCGGACATCTCCAACAAATCTCTTGAAGATTTGTTGGAGATGTCCGGCGG	Hs.510327	8732	0.772233333	0.68637451	0.076462425				-0.3511875	0.45161803	0.192933245	-0.07655	0.28751668	0.631302691	-0.346975	0.90169994	0.497580598
ASB2	NM_016150_bp936_R	AGCTAAAAAGCCGGACATCTCCAACAAATCTCTTGAAGATTTGTTGGAGATGTCCGGCGG	Hs.510327	14108	0.688	0.3945638	0.040980173				-0.3081375	0.34435859	0.204612959	0.0017	0.29215732	0.991445423	-0.353925	0.97653025	0.520957272
ASNS	NM_133436_bp1705_R	AGCTAAAAAGCCCATGGTCTTGAACTGAGATCTCTTGAATCTCAGTTCAAGACCATGGGCGG	Hs.489207	1314	-0.4306875	0.42674393	0.075100562				-0.163575	0.44457756	0.524466011						
ASNS	NM_133436_bp1705_R	AGCTAAAAAGCCCATGGTCTTGAACTGAGATCTCTTGAATCTCAGTTCAAGACCATGGGCGG	Hs.489207	6690	-0.4284875	0.42672611	0.076090424				-0.198625	0.48517911	0.458375668						
ASNS	NM_133436_bp1705_R	AGCTAAAAAGCCCATGGTCTTGAACTGAGATCTCTTGAATCTCAGTTCAAGACCATGGGCGG	Hs.489207	12066	-0.4482625	0.4338725	0.069682775				-0.204875	0.4884268	0.446095196						
ASNS	NM_133436_bp902_R	AGCTAAAAAGACCTTTGTTTAAAGCAATGATCTCTTGAATCATTGCTTTAAACAAAGGTCGG	Hs.489207	1315	0.7919125	0.08971258	0.002411021				0.052	0.59321323	0.845615524						
ASNS	NM_133436_bp902_R	AGCTAAAAAGACCTTTGTTTAAAGCAATGATCTCTTGAATCATTGCTTTAAACAAAGGTCGG	Hs.489207	6691	0.7564625	0.38644032	0.014823736				-0.11755	0.75548159	0.73378646						
ASNS	NM_133436_bp902_R	AGCTAAAAAGACCTTTGTTTAAAGCAATGATCTCTTGAATCATTGCTTTAAACAAAGGTCGG	Hs.489207	12067	0.7935125	0.07222043	0.002264404				0.078225	0.61296233	0.779173093						
ASNS	NM_133436_bp939_R	AGCTAAAAAGGCTGTATGTTCAGAAGCTAATCTCTTGAATTAGCTTCTGAACATACAGCCGG	Hs.489207	2659	0.7154125	0.6329254	0.057606098				-0.1649	0.77537697	0.640863471						
ASNS	NM_133436_bp939_R	AGCTAAAAAGGCTGTATGTTCAGAAGCTAATCTCTTGAATTAGCTTCTGAACATACAGCCGG	Hs.489207	8035	0.8562125	0.27521844	0.004417002				-0.13655	0.72717262	0.687709361						
ASNS	NM_133436_bp939_R	AGCTAAAAAGGCTGTATGTTCAGAAGCTAATCTCTTGAATTAGCTTCTGAACATACAGCCGG	Hs.489207	13411	0.8794625	0.36380536	0.006836914				-0.2921	0.99557778	0.489612321						
ATBF1	NM_006885_bp2371_R	AGCTAAAAAGAGGAATCGTTTAAGCTTTAATCTCTTGAATTAAAGCTTAAACGATTCCTCGG	Hs.461285	4624	-2.1398875	1.35041311	0.01048668	0.095283333	0.33696927	0.695452659				-0.276675	0.17840714	0.053228467	0.174775	0.33236264	0.370167142
ATBF1	NM_006885_bp2371_R	AGCTAAAAAGAGGAATCGTTTAAGCTTTAATCTCTTGAATTAAAGCTTAAACGATTCCTCGG	Hs.461285	10000	-1.5149875	1.28214724	0.03151299	0.5645125	0.61208236	0.107379576				-0.205275	0.2145012	0.151532273	0.225275	0.25917548	0.180528009

ATBF1	NM_006885_bp2371_R	AGCTAAAAAGAGGAATCGTTTAAGCTTTAATCTCTTGAATTAAAGCTTAAACGATTCCTCGG	Hs.461285	15376	-1.7119375	2.18374442	0.101240147	0.2136875	0.27426084	0.272188148				-0.045375	0.27823697	0.765730527	0.286875	0.25772746	0.112394061
ATBF1	NM_006885_bp3247_R	AGCTAAAAAGGCCGAGCTCTACCAATACTATCTCTTGAATAGTATTGGTAGAGCTCGGCCGG	Hs.461285	4620	-1.3964875	0.92196102	0.01417833	0.0369625	0.90790214	0.929029215				1.065575	0.66560926	0.04926384	0.060075	0.9944724	0.911473019
ATBF1	NM_006885_bp3247_R	AGCTAAAAAGGCCGAGCTCTACCAATACTATCTCTTGAATAGTATTGGTAGAGCTCGGCCGG	Hs.461285	9996	-0.6542875	0.95180756	0.154162979	0.9442						1.08975	0.67603218	0.048437981	0.144725	0.90271943	0.769518526
ATBF1	NM_006885_bp3247_R	AGCTAAAAAGGCCGAGCTCTACCAATACTATCTCTTGAATAGTATTGGTAGAGCTCGGCCGG	Hs.461285	15372	-0.9266125	1.95951929	0.281790426	-0.061733333	0.03392791	0.736812149				1.0725	0.75752283	0.066102519	0.18745	0.80277362	0.672321457
ATBF1	NM_006885_bp6517_R	AGCTAAAAAGCTGGAGAACTTTGGCTTTGATCTCTTGAATCAAAGCCAAAGTTCTCCAGCGG	Hs.461285	4622	-1.1078375	1.6506143	0.149471838	-0.2140875	0.38716611	0.347214294				0.120575	0.50469804	0.665440768	-0.04295	0.4069668	0.846354531
ATBF1	NM_006885_bp6517_R	AGCTAAAAAGCTGGAGAACTTTGGCTTTGATCTCTTGAATCAAAGCCAAAGTTCTCCAGCGG	Hs.461285	9998	-0.4728375	0.3536677	0.053536945	-0.4073875	0.4595063	0.140150257				0.252475	0.46729207	0.359003175	0.00465	0.4613415	0.985182644
ATBF1	NM_006885_bp6517_R	AGCTAAAAAGCTGGAGAACTTTGGCTTTGATCTCTTGAATCAAAGCCAAAGTTCTCCAGCGG	Hs.461285	15374	-1.3956375	2.61976189	0.229818586							0.239775	0.41416268	0.330723664	0.081075	0.37857395	0.697309836
ATF1	NM_005171_bp321_R	AGCTAAAAAGCTCAACAGGTATCATCTTTATCTCTTGAATAAAGATGATACCTGTTGAGCGG	Hs.435267	1312	-0.3815625	0.2716965	0.053282112				-0.01765	0.72033657	0.965864106						
ATF1	NM_005171_bp321_R	AGCTAAAAAGCTCAACAGGTATCATCTTTATCTCTTGAATAAAGATGATACCTGTTGAGCGG	Hs.435267	6688	-1.0421625	1.20514421	0.075553966				-0.400125	1.01019101	0.35614622						
ATF1	NM_005171_bp321_R	AGCTAAAAAGCTCAACAGGTATCATCTTTATCTCTTGAATAAAGATGATACCTGTTGAGCGG	Hs.435267	12064	-0.3331375	0.88019735	0.353846282				0.070875	0.80445106	0.830966452						
ATF1	NM_005171_bp669_R	AGCTAAAAAGGTACAACTATTCTTCAGTATTCTCTTGAAATACTGAAGAATAGTTGTACCGG	Hs.435267	6689	-0.8354625	0.18697048	0.001973002				-0.6787	0.11380688	0.010494845						
ATF1	NM_005171_bp669_R	AGCTAAAAAGGTACAACTATTCTTCAGTATTCTCTTGAAATACTGAAGAATAGTTGTACCGG	Hs.435267	12065	-0.5635875	0.1558196	0.008418815				-0.488425	0.19293449	0.044302785						
ATF1	NM_005171_bp669_R	AGCTAAAAAGGTACAACTATTCTTCAGTATTCTCTTGAAATACTGAAGAATAGTTGTACCGG	Hs.435267	1313	-0.6079						-0.63083333	0.34272482	0.058696464						
ATF2	NM_001880_bp526_R	AGCTAAAAAGGCGAGTCCATTTGAGAATGATCTCTTGAATCATTCTCAAATGGACTCGCCGG	Hs.591614	1311	-0.1282875	0.13775695	0.287958525				0.033225	0.6360439	0.901096399						
ATF2	NM_001880_bp526_R	AGCTAAAAAGGCGAGTCCATTTGAGAATGATCTCTTGAATCATTCTCAAATGGACTCGCCGG	Hs.591614	6687	-0.1459125	0.10924365	0.234211845				-0.014425	0.59939197	0.970456012						
ATF2	NM_001880_bp526_R	AGCTAAAAAGGCGAGTCCATTTGAGAATGATCTCTTGAATCATTCTCAAATGGACTCGCCGG	Hs.591614	12063	-0.0980625	0.1543695	0.383332635				-0.096325	0.63398499	0.756249993						
ATF2	NM_001880_bp635_R	AGCTAAAAAGAGCCTTCTGTTGTAGAAACATCTCTTGAATGTTTCTACAACAGAAGGCTCGG	Hs.591614	1310	0.6946875	0.36955253	0.019119865				-0.120825	0.31141161	0.596425898						
ATF2	NM_001880_bp635_R	AGCTAAAAAGAGCCTTCTGTTGTAGAAACATCTCTTGAATGTTTCTACAACAGAAGGCTCGG	Hs.591614	6686	0.6401125	0.37172686	0.026456912				-0.04305	0.34288395	0.861221556						
ATF2	NM_001880_bp635_R	AGCTAAAAAGAGCCTTCTGTTGTAGAAACATCTCTTGAATGTTTCTACAACAGAAGGCTCGG	Hs.591614	12062	0.6804625	0.39759978	0.024082373				-0.0984	0.39487356	0.689608322						
ATF2	NM_001880_bp773_R	AGCTAAAAAGTTCCCAATGTGCTGCTTACATCTCTTGAATGTAAGCAGCACATTGGGAACGG	Hs.591614	2657	2.2245375	2.01253128	0.039200003				0.54275	0.39056449	0.051801238						
ATF2	NM_001880_bp773_R	AGCTAAAAAGTTCCCAATGTGCTGCTTACATCTCTTGAATGTAAGCAGCACATTGGGAACGG	Hs.591614	8033	2.0463875	1.86633502	0.040743558				0.52185	0.39398657	0.059326888						
ATF2	NM_001880_bp773_R	AGCTAAAAAGTTCCCAATGTGCTGCTTACATCTCTTGAATGTAAGCAGCACATTGGGAACGG	Hs.591614	13409	1.7863375	1.23065251	0.016427724				0.528125	0.35251829	0.050764986						
ATG16L1	NM_030803_bp1249_R	AGCTAAAAAGGGTTCCCTATCTGGCAGTAATCTCTTGAATTACTGCCAGATAGGGAACCCGG	Hs.529322	2526	-0.50655	0.33743816	0.057626073				-0.1841375	0.74090917	0.670711371						
ATG16L1	NM_030803_bp1249_R	AGCTAAAAAGGGTTCCCTATCTGGCAGTAATCTCTTGAATTACTGCCAGATAGGGAACCCGG	Hs.529322	7902	-0.51245	0.3544965	0.059223679				-0.0827875	0.76394222	0.905448897						
ATG16L1	NM_030803_bp1249_R	AGCTAAAAAGGGTTCCCTATCTGGCAGTAATCTCTTGAATTACTGCCAGATAGGGAACCCGG	Hs.529322	13278	-0.542475	0.38353325	0.057724454				-0.2252125	0.72957617	0.581239091						
ATG16L1	NM_030803_bp1435_R	AGCTAAAAAGCGGATTGTCTCAGGAAGTCATCTCTTGAATGACTTCCTGAGACAATCCGCGG	Hs.529322	2528	0.50655	0.74540129	0.128756985				0.4349375	1.07883765	0.294784193						
ATG16L1	NM_030803_bp1435_R	AGCTAAAAAGCGGATTGTCTCAGGAAGTCATCTCTTGAATGACTTCCTGAGACAATCCGCGG	Hs.529322	7904	0.43225	0.63484454	0.135451474				0.0903875	0.70550245	0.676607966						
ATG16L1	NM_030803_bp1435_R	AGCTAAAAAGCGGATTGTCTCAGGAAGTCATCTCTTGAATGACTTCCTGAGACAATCCGCGG	Hs.529322	13280	0.4701	0.61822897	0.108761469				0.0974375	0.81372045	0.69031414						
ATG16L1	NM_030803_bp1894_R	AGCTAAAAAGCAGCACAGCTCATCCATCAATCTCTTGAATTGATGGATGAGCTGTGCTGCGG	Hs.529322	2524	0.412125	0.98098161	0.294893609				-0.07995	0.96213058	0.930840674						
ATG16L1	NM_030803_bp1894_R	AGCTAAAAAGCAGCACAGCTCATCCATCAATCTCTTGAATTGATGGATGAGCTGTGCTGCGG	Hs.529322	7900	0.42485	0.76369366	0.196724892				-0.01998333	1.11723005	0.963813832						
ATG16L1	NM_030803_bp1894_R	AGCTAAAAAGCAGCACAGCTCATCCATCAATCTCTTGAATTGATGGATGAGCTGTGCTGCGG	Hs.529322	13276	0.370775	0.79813202	0.260084014				-0.04148333	1.08291243	0.998993989						
ATG7	AL122075_bp1225_R	AGCTAAAAAGCCGTGGAATTGATGGTATCTTCTCTTGAAAGATACCATCAATTCCACGGCGG	Hs.38032	3878	-0.6251625	0.41193687	0.028407943				-0.0054	0.59880204	0.985058762						
ATG7	AL122075_bp1225_R	AGCTAAAAAGCCGTGGAATTGATGGTATCTTCTCTTGAAAGATACCATCAATTCCACGGCGG	Hs.38032	9254	-0.4859125	0.15657716	0.019097661				-0.299875	0.42747992	0.247441547						
ATG7	AL122075_bp1225_R	AGCTAAAAAGCCGTGGAATTGATGGTATCTTCTCTTGAAAGATACCATCAATTCCACGGCGG	Hs.38032	14630	-0.4343875	0.61614169	0.169788779				-0.511	0.08716945	0.030827802						
ATG7	AL122075_bp1385_R	AGCTAAAAAGCCTGGCATTTGACAAATGTATCTCTTGAATACATTTGTCAAATGCCAGGCGG	Hs.38032	3876	0.4297875	0.25794627	0.046303246				-0.01255	0.23920632	0.951676302						
ATG7	AL122075_bp1385_R	AGCTAAAAAGCCTGGCATTTGACAAATGTATCTCTTGAATACATTTGTCAAATGCCAGGCGG	Hs.38032	9252	0.3412875	0.30268718	0.107571097				0.13115	0.1200294	0.504653185						
ATG7	AL122075_bp1385_R	AGCTAAAAAGCCTGGCATTTGACAAATGTATCTCTTGAATACATTTGTCAAATGCCAGGCGG	Hs.38032	14628	0.5217375	0.34860785	0.038178524				0.242425	0.1668342	0.247243583						
ATG7	AL122075_bp657_R	AGCTAAAAAGCAGCCTCTCTATGAGTTTGATCTCTTGAATCAAACTCATAGAGAGGCTGCGG	Hs.38032	3874	-1.1910875	0.11599056	0.000326455				-0.731675	0.28805819	0.011895363						
ATG7	AL122075_bp657_R	AGCTAAAAAGCAGCCTCTCTATGAGTTTGATCTCTTGAATCAAACTCATAGAGAGGCTGCGG	Hs.38032	9250	-1.1056125	0.17439722	0.000625178				-0.815125	0.22913659	0.005942676						
ATG7	AL122075_bp657_R	AGCTAAAAAGCAGCCTCTCTATGAGTTTGATCTCTTGAATCAAACTCATAGAGAGGCTGCGG	Hs.38032	14626	-1.0265625	0.18803032	0.000954667				-0.699575	0.25699632	0.012954671						
ATM	NM_000051_bp5283_R	AGCTAAAAAGGCCCTTAAGTTATTTGAAGATCTCTTGAATCTTCAAATAACTTAAGGGCCGG	Hs.435561	2655	-1.05445	0.20323209	0.004126533				-0.62063333	0.33280016	0.059147035						
ATM	NM_000051_bp5283_R	AGCTAAAAAGGCCCTTAAGTTATTTGAAGATCTCTTGAATCTTCAAATAACTTAAGGGCCGG	Hs.435561	8031	-0.8749625	0.15567433	0.001352783				-0.357375	0.86470133	0.356385906						
ATM	NM_000051_bp5283_R	AGCTAAAAAGGCCCTTAAGTTATTTGAAGATCTCTTGAATCTTCAAATAACTTAAGGGCCGG	Hs.435561	13407	-0.8337625	0.13938559	0.001535184				-0.5336	0.19696912	0.033353644						
ATM	NM_000051_bp6034_R	AGCTAAAAAGCTGCTCACTTTACAGCTTTATCTCTTGAATAAAGCTGTAAAGTGAGCAGCGG	Hs.435561	1296	-0.4602875	0.28719156	0.032856569				-0.376375	0.56565963	0.215198852						
ATM	NM_000051_bp6034_R	AGCTAAAAAGCTGCTCACTTTACAGCTTTATCTCTTGAATAAAGCTGTAAAGTGAGCAGCGG	Hs.435561	6672	-0.4858125	0.29712159	0.029040943				-0.4447	0.59773078	0.162544599						
ATM	NM_000051_bp6034_R	AGCTAAAAAGCTGCTCACTTTACAGCTTTATCTCTTGAATAAAGCTGTAAAGTGAGCAGCGG	Hs.435561	12048	-0.4433375	0.40932765	0.064794774				-0.341525	0.56761913	0.256473567						
ATM	NM_000051_bp7519_R	AGCTAAAAAGAGCTGGAGTTGGATGAATTATCTCTTGAATAATTCATCCAACTCCAGCTCGG	Hs.435561	1309	0.7355375	0.40251814	0.018206863				0.440325	0.38900011	0.094173825						
ATM	NM_000051_bp7519_R	AGCTAAAAAGAGCTGGAGTTGGATGAATTATCTCTTGAATAATTCATCCAACTCCAGCTCGG	Hs.435561	6685	0.7847375	0.42855704	0.016302275				0.415675	0.40317809	0.113530386						
ATM	NM_000051_bp7519_R	AGCTAAAAAGAGCTGGAGTTGGATGAATTATCTCTTGAATAATTCATCCAACTCCAGCTCGG	Hs.435561	12061	1.0659375	0.55557406	0.009336182				0.62615	0.54230234	0.051000828						
ATP1B1	NM_001677_bp416_R	AGCTAAAAAGAGGCATATGTACTGAACATATCTCTTGAATATGTTCAGTACATATGCCTCGG	Hs.291196	3288	1.035225	0.99275031	0.050767471				1.3592	0.77213665	0.005644529						
ATP1B1	NM_001677_bp416_R	AGCTAAAAAGAGGCATATGTACTGAACATATCTCTTGAATATGTTCAGTACATATGCCTCGG	Hs.291196	8664	1.183775	0.99867784	0.033400528				1.376175	0.75692923	0.004989078						
ATP1B1	NM_001677_bp416_R	AGCTAAAAAGAGGCATATGTACTGAACATATCTCTTGAATATGTTCAGTACATATGCCTCGG	Hs.291196	14040	1.252775	0.78975883	0.0128471				1.225525	0.35886938	0.001344282						
ATP1B1	NM_001677_bp634_R	AGCTAAAAAGGGCAAACCGTGCATTATTATTCTCTTGAAATAATAATGCACGGTTTGCCCGG	Hs.291196	3284	-0.217175	0.46199013	0.369842454				-0.6226	0.4164604	0.035829989						
ATP1B1	NM_001677_bp634_R	AGCTAAAAAGGGCAAACCGTGCATTATTATTCTCTTGAAATAATAATGCACGGTTTGCCCGG	Hs.291196	8660	-0.160625	0.37484091	0.445843216				-0.4537	0.47836568	0.114268912						
ATP1B1	NM_001677_bp634_R	AGCTAAAAAGGGCAAACCGTGCATTATTATTCTCTTGAAATAATAATGCACGGTTTGCCCGG	Hs.291196	14036	-0.069875	0.49563669	0.774616596				-0.5041	0.37533073	0.064014378						
ATP1B1	NM_001677_bp898_R	AGCTAAAAAGGCCGTACAGTTCACCAATCTTCTCTTGAAAGATTGGTGAACTGTACGGCCGG	Hs.291196	3286	-1.4018	0.29727892	0.000457687				-0.6315	1.39427935	0.270733586						
ATP1B1	NM_001677_bp898_R	AGCTAAAAAGGCCGTACAGTTCACCAATCTTCTCTTGAAAGATTGGTGAACTGTACGGCCGG	Hs.291196	8662	-1.57985	0.31648853	0.000297529				-0.72865	1.46631913	0.229157661						
ATP1B1	NM_001677_bp898_R	AGCTAAAAAGGCCGTACAGTTCACCAATCTTCTCTTGAAAGATTGGTGAACTGTACGGCCGG	Hs.291196	14038	-1.428725	0.26171666	0.000326672				-0.579925	1.26371969	0.270599025						
ATP2C1	NM_014382_bp1518_R	AGCTAAAAAGGGCCTTAATTGCTCTTGCAATCTCTTGAATTGCAAGAGCAATTAAGGCCCGG	Hs.584884	2729	-1.00975	0.51176805	0.007872905				-0.777775	0.42105806	0.015306821						
ATP2C1	NM_014382_bp1518_R	AGCTAAAAAGGGCCTTAATTGCTCTTGCAATCTCTTGAATTGCAAGAGCAATTAAGGCCCGG	Hs.584884	8105	-0.791775	0.81441377	0.067404603				-0.43	0.67695519	0.198629333						
ATP2C1	NM_014382_bp1518_R	AGCTAAAAAGGGCCTTAATTGCTCTTGCAATCTCTTGAATTGCAAGAGCAATTAAGGCCCGG	Hs.584884	13481	-1.04565	0.32300971	0.002099211				-0.547975	0.60246719	0.09527887						
ATP2C1	NM_014382_bp2783_R	AGCTAAAAAGGATCCATCATGGGACAATTATCTCTTGAATAATTGTCCCATGATGGATCCGG	Hs.584884	2731	0.575	0.48787159	0.053416932				-0.029375	0.61542753	0.920172813						
ATP2C1	NM_014382_bp2783_R	AGCTAAAAAGGATCCATCATGGGACAATTATCTCTTGAATAATTGTCCCATGATGGATCCGG	Hs.584884	8107	0.586925	0.47776742	0.047949993				-0.0478	0.63029199	0.872359029						
ATP2C1	NM_014382_bp2783_R	AGCTAAAAAGGATCCATCATGGGACAATTATCTCTTGAATAATTGTCCCATGATGGATCCGG	Hs.584884	13483	0.6295	0.49558516	0.041494411				-0.034475	0.67034104	0.911118707						
ATP2C1	NM_014382_bp399_R	AGCTAAAAAGAGCCTTTCATGGCTGGAATATCTCTTGAATATTCCAGCCATGAAAGGCTCGG	Hs.584884	2727	-0.292575	0.38781462	0.199414481				-0.472725	0.42348738	0.08869482						
ATP2C1	NM_014382_bp399_R	AGCTAAAAAGAGCCTTTCATGGCTGGAATATCTCTTGAATATTCCAGCCATGAAAGGCTCGG	Hs.584884	8103	-0.278225	0.40226183	0.227260782				-0.454575	0.32145494	0.075634521						
ATP2C1	NM_014382_bp399_R	AGCTAAAAAGAGCCTTTCATGGCTGGAATATCTCTTGAATATTCCAGCCATGAAAGGCTCGG	Hs.584884	13479	-0.24985	0.38135636	0.25855533				-0.4252	0.31408325	0.090051942						
ATR	NM_001184_bp1945_R	AGCTAAAAAGCCGCTAATCTTCTAACATTATCTCTTGAATAATGTTAGAAGATTAGCGGCGG	Hs.271791	2651	-0.1002875	0.30574386	0.46818988				-0.71745	0.1720159	0.00927324						
ATR	NM_001184_bp1945_R	AGCTAAAAAGCCGCTAATCTTCTAACATTATCTCTTGAATAATGTTAGAAGATTAGCGGCGG	Hs.271791	8027	-0.0468625	0.27724173	0.636620885				-0.912825	0.14959611	0.002795339						
ATR	NM_001184_bp1945_R	AGCTAAAAAGCCGCTAATCTTCTAACATTATCTCTTGAATAATGTTAGAAGATTAGCGGCGG	Hs.271791	13403	-0.0378625	0.279893	0.674010189				-0.832575	0.41980965	0.011755523						
ATR	NM_001184_bp3754_R	AGCTAAAAAGTAGCTTTGTTACCTCTTATATCTCTTGAATATAAGAGGTAACAAAGCTACGG	Hs.271791	2653	1.6564125	0.71844024	0.003175416				1.138425	0.5530406	0.004929829						
ATR	NM_001184_bp3754_R	AGCTAAAAAGTAGCTTTGTTACCTCTTATATCTCTTGAATATAAGAGGTAACAAAGCTACGG	Hs.271791	8029	1.4696375	0.89228071	0.011414851				1.0639	0.58220737	0.007704119						
ATR	NM_001184_bp3754_R	AGCTAAAAAGTAGCTTTGTTACCTCTTATATCTCTTGAATATAAGAGGTAACAAAGCTACGG	Hs.271791	13405	1.5838375	0.65418413	0.002780879				1.03885	0.55961322	0.007773455						
ATR	NM_001184_bp6124_R	AGCTAAAAAGGCCGATTTATGGAAGAAACATCTCTTGAATGTTTCTTCCATAAATCGGCCGG	Hs.271791	1295	-0.1367875	0.21220549	0.304762466				-0.4902	0.0931541	0.036954348						
ATR	NM_001184_bp6124_R	AGCTAAAAAGGCCGATTTATGGAAGAAACATCTCTTGAATGTTTCTTCCATAAATCGGCCGG	Hs.271791	6671	-0.1501875	0.14755939	0.239881119				-0.502175	0.07347042	0.033066214						
ATR	NM_001184_bp6124_R	AGCTAAAAAGGCCGATTTATGGAAGAAACATCTCTTGAATGTTTCTTCCATAAATCGGCCGG	Hs.271791	12047	-0.1483125	0.15736085	0.248536569				-0.48235	0.09718085	0.039272438						
AURKB	NM_004217_bp555_R	AGCTAAAAAGCAGAAGAGCTGCACATTTGATCTCTTGAATCAAATGTGCAGCTCTTCTGCGG	Hs.442658	253	2.479425	2.44408101	0.048144928	-1.836066667	1.31230961	0.044390431									
AURKB	NM_004217_bp555_R	AGCTAAAAAGCAGAAGAGCTGCACATTTGATCTCTTGAATCAAATGTGCAGCTCTTCTGCGG	Hs.442658	5629	3.93755	3.65567237	0.039047914	-3.818466667	3.20845714	0.062086233									
AURKB	NM_004217_bp555_R	AGCTAAAAAGCAGAAGAGCTGCACATTTGATCTCTTGAATCAAATGTGCAGCTCTTCTGCGG	Hs.442658	11005	4.271325	4.00497345	0.04024428	-3.999766667	3.10060839	0.050390972									
AURKB	NM_004217_bp922_R	AGCTAAAAAGACCTAAAGTTCCCCGCTTCTTCTCTTGAAAGAAGCGGGGAACTTTAGGTCGG	Hs.442658	1740	-0.3872	0.58555513	0.331507308	4.2738											
AURKB	NM_004217_bp922_R	AGCTAAAAAGACCTAAAGTTCCCCGCTTCTTCTCTTGAAAGAAGCGGGGAACTTTAGGTCGG	Hs.442658	7116	-0.38825	0.51095536	0.304493556	6.092											
AURKB	NM_004217_bp922_R	AGCTAAAAAGACCTAAAGTTCCCCGCTTCTTCTCTTGAAAGAAGCGGGGAACTTTAGGTCGG	Hs.442658	12492	-0.3242	0.82738565	0.48777861												
AURKC	NM_003160_bp1012_R	AGCTAAAAAGATGTGAGGTTTCCACTATCATCTCTTGAATGATAGTGGAAACCTCACATCGG	Hs.98338	1548	-0.15905	0.63554164	0.591543917	0.9227875	0.20421606	0.002634601									
AURKC	NM_003160_bp1012_R	AGCTAAAAAGATGTGAGGTTTCCACTATCATCTCTTGAATGATAGTGGAAACCTCACATCGG	Hs.98338	6924	-0.19575	0.54864369	0.466369378	0.9830625	0.17485629	0.001716461									
AURKC	NM_003160_bp1012_R	AGCTAAAAAGATGTGAGGTTTCCACTATCATCTCTTGAATGATAGTGGAAACCTCACATCGG	Hs.98338	12300	-0.142675	0.56727696	0.599378768	0.9592375	0.1871816	0.002036402									
AURKC	NM_003160_bp1050_R	AGCTAAAAAGGACTTGATTTCCAGGCTTCTTCTCTTGAAAGAAGCCTGGAAATCAAGTCCGG	Hs.98338	317	1.804225	0.76584617	0.002515867	0.1788125	0.18364215	0.290193491									
AURKC	NM_003160_bp1050_R	AGCTAAAAAGGACTTGATTTCCAGGCTTCTTCTCTTGAAAGAAGCCTGGAAATCAAGTCCGG	Hs.98338	5693	1.830375	0.73353891	0.002011782	0.1781375	0.20107994	0.30219355									
AURKC	NM_003160_bp1050_R	AGCTAAAAAGGACTTGATTTCCAGGCTTCTTCTCTTGAAAGAAGCCTGGAAATCAAGTCCGG	Hs.98338	11069	1.8288	0.73398266	0.002024055	0.1998875	0.24904963	0.283723421									
AURKC	NM_003160_bp457_R	AGCTAAAAAGCCCTGAAGGTTCTCTTCAAGTCTCTTGAACTTGAAGAGAACCTTCAGGGCGG	Hs.98338	1550	3.6383			3.6319	6.5364518	0.281803952									
AURKC	NM_003160_bp457_R	AGCTAAAAAGCCCTGAAGGTTCTCTTCAAGTCTCTTGAACTTGAAGAGAACCTTCAGGGCGG	Hs.98338	6926	3.8832			3.554966667	6.34140921	0.278279868									
AURKC	NM_003160_bp457_R	AGCTAAAAAGCCCTGAAGGTTCTCTTCAAGTCTCTTGAACTTGAAGAGAACCTTCAGGGCGG	Hs.98338	12302	3.6593			3.586566667	6.38469334	0.277449477									
AUTS2	AF326917_bp1123_R	AGCTAAAAAGTCCCCAAGATATCGGGTCTATCTCTTGAATAGACCCGATATCTTGGGGACGG	Hs.21631	3684	-0.2178625	0.36773183	0.30827464				-0.37375	0.49533078	0.185353402						
AUTS2	AF326917_bp1123_R	AGCTAAAAAGTCCCCAAGATATCGGGTCTATCTCTTGAATAGACCCGATATCTTGGGGACGG	Hs.21631	9060	-0.2292125	0.27617096	0.229809856				-0.618725	0.41479484	0.036435579						
AUTS2	AF326917_bp1123_R	AGCTAAAAAGTCCCCAAGATATCGGGTCTATCTCTTGAATAGACCCGATATCTTGGGGACGG	Hs.21631	14436	-0.1619125	0.35977377	0.432790813				-0.315025	0.56571143	0.283854505						
AUTS2	AF326917_bp1161_R	AGCTAAAAAGAGCCAGGACTGTTGCAAAGATCTCTTGAATCTTTGCAACAGTCCTGGCTCGG	Hs.21631	3680							0.662625	0.44618771	0.031670049						
AUTS2	AF326917_bp1161_R	AGCTAAAAAGAGCCAGGACTGTTGCAAAGATCTCTTGAATCTTTGCAACAGTCCTGGCTCGG	Hs.21631	9056							0.528775	0.56477343	0.095085493						
AUTS2	AF326917_bp1161_R	AGCTAAAAAGAGCCAGGACTGTTGCAAAGATCTCTTGAATCTTTGCAACAGTCCTGGCTCGG	Hs.21631	14432							0.44855	0.41911658	0.101327099						
AUTS2	AF326917_bp1999_R	AGCTAAAAAGCACCTCCCATGTTTGACAAATCTCTTGAATTTGTCAAACATGGGAGGTGCGG	Hs.21631	3682	-0.680466667	0.44449644	0.050469891				-0.83005	0.53339985	0.018339858						
AUTS2	AF326917_bp1999_R	AGCTAAAAAGCACCTCCCATGTTTGACAAATCTCTTGAATTTGTCAAACATGGGAGGTGCGG	Hs.21631	9058	-0.3857125	0.47964473	0.148559549				-0.78425	0.42838284	0.015224838						
AUTS2	AF326917_bp1999_R	AGCTAAAAAGCACCTCCCATGTTTGACAAATCTCTTGAATTTGTCAAACATGGGAGGTGCGG	Hs.21631	14434	-0.2372625	0.39300089	0.287664535				-0.756525	0.47256508	0.020993963						
AUTS2	BQ005359_bp210_R	AGCTAAAAAGGGGAGTATTTATTAAAGATATCTCTTGAATATCTTTAATAAATACTCCCCGG	Hs.21631	4507	-1.127						0.058666667	0.88799251	0.887288948						
AUTS2	BQ005359_bp210_R	AGCTAAAAAGGGGAGTATTTATTAAAGATATCTCTTGAATATCTTTAATAAATACTCCCCGG	Hs.21631	9883	-0.5454	0.47460543	0.059276331	0.59605	0.23951236	0.017226991	0.161366667	1.2686965	0.765339974						
AUTS2	BQ005359_bp210_R	AGCTAAAAAGGGGAGTATTTATTAAAGATATCTCTTGAATATCTTTAATAAATACTCCCCGG	Hs.21631	15259	-0.42125	0.39833526	0.090206746	0.601975	0.3011617	0.023245724	0.132066667	0.84140661	0.742185342						
AUTS2	BQ005359_bp276_R	AGCTAAAAAGAAATTTCTATCCTGAATAAATCTCTTGAACTTATTCAGGATAGAAATTTCGG	Hs.21631	4509	-0.5594	0.56595538	0.078861446	0.33395	0.35572976	0.152811054	-0.27896667	0.24821242	0.304966683						
AUTS2	BQ005359_bp276_R	AGCTAAAAAGAAATTTCTATCCTGAATAAATCTCTTGAACTTATTCAGGATAGAAATTTCGG	Hs.21631	9885	-0.77415	0.61387072	0.035118189	0.33735	0.39480109	0.169737875	0.2863	0.23297217	0.290280022						
AUTS2	BQ005359_bp276_R	AGCTAAAAAGAAATTTCTATCCTGAATAAATCTCTTGAACTTATTCAGGATAGAAATTTCGG	Hs.21631	15261	-0.634675	0.39609174	0.024814628	0.173725	0.40741091	0.450826174	0.414166667	0.42798302	0.191751561						
AUTS2	BQ005359_bp94_R	AGCTAAAAAGGTCTGGAGTGGGTTATAAATCTCTTGAATTTATAACCCACTCCAGACCTGG	Hs.21631	4511	0.8151	0.98535887	0.098465627	-0.506875	0.42087459	0.070614647	0.182133333	0.53739645	0.569024507						
AUTS2	BQ005359_bp94_R	AGCTAAAAAGGTCTGGAGTGGGTTATAAATCTCTTGAATTTATAACCCACTCCAGACCTGG	Hs.21631	9887	1.0743	0.93729379	0.061236064	-0.303325	0.63813952	0.349665608	0.4909	1.19182775	0.359546275						
AUTS2	BQ005359_bp94_R	AGCTAAAAAGGTCTGGAGTGGGTTATAAATCTCTTGAATTTATAACCCACTCCAGACCTGG	Hs.21631	15263	0.568266667	0.74234297	0.175030886	0.8942			0.63535	0.34089618	0.127457232						
AVEN	NM_020371_bp405_R	AGCTAAAAAGGGATCGATATCAAGATATTGTCTCTTGAACAATATCTTGATATCGATCCCGG	Hs.555966	2260	3.7982									-0.045475	0.14230967	0.568210514	-0.12005	0.03985311	0.009166411
AVEN	NM_020371_bp405_R	AGCTAAAAAGGGATCGATATCAAGATATTGTCTCTTGAACAATATCTTGATATCGATCCCGG	Hs.555966	7636	3.7021									-0.139566667	0.24739568	0.431555449	-0.152875	0.31241266	0.399915004
AVEN	NM_020371_bp405_R	AGCTAAAAAGGGATCGATATCAAGATATTGTCTCTTGAACAATATCTTGATATCGATCCCGG	Hs.555966	13012	4.6133									-0.108825	0.23508834	0.422825341	-0.229425	0.16961606	0.073460317
AVEN	NM_020371_bp497_R	AGCTAAAAAGGGGACTCATTCTCACAGTTCTCTCTTGAAGAACTGTGAGAATGAGTCCCCGG	Hs.555966	2262	1.0978875	0.27053809	0.001185513				1.4798875	0.59496088	0.001638527	1.601525	0.98600374	0.047542914	2.063925	0.41554276	0.002170325
AVEN	NM_020371_bp497_R	AGCTAAAAAGGGGACTCATTCTCACAGTTCTCTCTTGAAGAACTGTGAGAATGAGTCCCCGG	Hs.555966	7638	1.0687125	0.35038458	0.002285341				1.5422125	0.6478677	0.001719188	1.638525	0.9769668	0.043918159	2.111425	0.36080138	0.001340174
AVEN	NM_020371_bp497_R	AGCTAAAAAGGGGACTCATTCTCACAGTTCTCTCTTGAAGAACTGTGAGAATGAGTCCCCGG	Hs.555966	13014	1.0847375	0.29274365	0.001453372				1.5358125	0.66852725	0.001940738	1.6206	1.01215326	0.049245818	2.188	0.3707787	0.001307589
AVEN	NM_020371_bp767_R	AGCTAAAAAGGGCCCATCTTTGAGCTGAAATCTCTTGAATTTCAGCTCAAAGATGGGCCCGG	Hs.555966	881	0.1510375	0.71023497	0.639842862				-0.5253	0.86928594	0.233068828	0.1066	0.65545753	0.804651768	0.4024	0.2000012	0.073393208
AVEN	NM_020371_bp767_R	AGCTAAAAAGGGCCCATCTTTGAGCTGAAATCTCTTGAATTTCAGCTCAAAGATGGGCCCGG	Hs.555966	6257	0.1886375	0.7402956	0.574253849				-0.51823333	0.93914824	0.260033038	0.0668	0.438964	0.780749643	0.091375	0.28916466	0.572268225
AVEN	NM_020371_bp767_R	AGCTAAAAAGGGCCCATCTTTGAGCTGAAATCTCTTGAATTTCAGCTCAAAGATGGGCCCGG	Hs.555966	11633	0.2022125	0.760888	0.556771763				-0.5214	1.0072337	0.278278172	0.053675	0.65148518	0.879596266	0.228525	0.40317349	0.339348557
AXL	NM_021913_bp1902_R	AGCTAAAAAGGAGAAGTGTTTGAACCAACATCTCTTGAATGTTGGTTCAAACACTTCTCCGG	Hs.466791	1898	0.9423	0.57195429	0.014243339	-0.077025	0.74933176	0.826754929									
AXL	NM_021913_bp1902_R	AGCTAAAAAGGAGAAGTGTTTGAACCAACATCTCTTGAATGTTGGTTCAAACACTTCTCCGG	Hs.466791	7274	0.7876	0.51854912	0.042808896	0.1184	0.72846027	0.731524756									
AXL	NM_021913_bp1902_R	AGCTAAAAAGGAGAAGTGTTTGAACCAACATCTCTTGAATGTTGGTTCAAACACTTCTCCGG	Hs.466791	12650	0.9099	0.47708632	0.023609678	0.1486	0.77713648	0.684451819									
AXL	NM_021913_bp2783_R	AGCTAAAAAGGATGGACTGTATGCCTTGATTCTCTTGAAATCAAGGCATACAGTCCATCCGG	Hs.466791	1900	-0.2159														
AXL	NM_021913_bp2783_R	AGCTAAAAAGGATGGACTGTATGCCTTGATTCTCTTGAAATCAAGGCATACAGTCCATCCGG	Hs.466791	7276	-0.0854			-0.6953											
AXL	NM_021913_bp2783_R	AGCTAAAAAGGATGGACTGTATGCCTTGATTCTCTTGAAATCAAGGCATACAGTCCATCCGG	Hs.466791	12652	-0.1743			-0.7695											
AXL	NM_021913_bp800_R	AGCTAAAAAGTACCAGTGTTTGGTGTTTCTTCTCTTGAAAGAAACACCAAACACTGGTACGG	Hs.466791	12654	1.2905														
AXL	NM_021913_bp800_R	AGCTAAAAAGTACCAGTGTTTGGTGTTTCTTCTCTTGAAAGAAACACCAAACACTGGTACGG	Hs.466791	1902				0.232											
AZI2	NM_022461_bp1456_R	AGCTAAAAAGAGAGATCCATTCCTAATGATTCTCTTGAAATCATTAGGAATGGATCTCTCGG	Hs.444724	2522	-0.37165						-0.32658333	0.47504184	0.370457391						
AZI2	NM_022461_bp1456_R	AGCTAAAAAGAGAGATCCATTCCTAATGATTCTCTTGAAATCATTAGGAATGGATCTCTCGG	Hs.444724	7898	-0.443525	0.47988569	0.142219294				0.0588625	0.67605228	0.743174461						
AZI2	NM_022461_bp1456_R	AGCTAAAAAGAGAGATCCATTCCTAATGATTCTCTTGAAATCATTAGGAATGGATCTCTCGG	Hs.444724	13274	-0.358875	0.54232071	0.266073526				-0.1085375	0.30185872	0.762506647						
AZI2	NM_022461_bp556_R	AGCTAAAAAGTGACTCCAGTTTCAATATATTCTCTTGAAATATATTGAAACTGGAGTCACGG	Hs.444724	2494	-0.404275	0.20663166	0.071792642				0.0666625	0.19692002	0.591352009						
AZI2	NM_022461_bp556_R	AGCTAAAAAGTGACTCCAGTTTCAATATATTCTCTTGAAATATATTGAAACTGGAGTCACGG	Hs.444724	7870	-0.07085	0.20089907	0.928760848				0.0493375	0.15066635	0.640910286						
AZI2	NM_022461_bp556_R	AGCTAAAAAGTGACTCCAGTTTCAATATATTCTCTTGAAATATATTGAAACTGGAGTCACGG	Hs.444724	13246	0.29775	0.2463635	0.084708243				0.1573125	0.26410229	0.361056405						
AZI2	NM_022461_bp657_R	AGCTAAAAAGAAAGAGAACTCTTTGTTAAATCTCTTGAATTTAACAAAGAGTTCTCTTTCGG	Hs.444724	2496	-0.3784	0.68093733	0.388556907				0.532275	0.05144202	0.1379563						
AZI2	NM_022461_bp657_R	AGCTAAAAAGAAAGAGAACTCTTTGTTAAATCTCTTGAATTTAACAAAGAGTTCTCTTTCGG	Hs.444724	7872	-0.40745	0.59597672	0.244859708				0.175775	0.25049258	0.535954379						
AZI2	NM_022461_bp657_R	AGCTAAAAAGAAAGAGAACTCTTTGTTAAATCTCTTGAATTTAACAAAGAGTTCTCTTTCGG	Hs.444724	13248	-0.33585	0.56550105	0.326083815				0.455275	0.10433361	0.18684553						
BACH2	AJ271878_bp1389_R	AGCTAAAAAGTACCCCAGATACAAGAAATATCTCTTGAATATTTCTTGTATCTGGGGTACGG	Hs.269764	3786	0.0193625	0.45993318	0.933242949				1.064525	0.7916755	0.017879777						
BACH2	AJ271878_bp1389_R	AGCTAAAAAGTACCCCAGATACAAGAAATATCTCTTGAATATTTCTTGTATCTGGGGTACGG	Hs.269764	9162	-0.0253875	0.64894566	0.931823328				0.842025	0.38137284	0.009233917						
BACH2	AJ271878_bp1389_R	AGCTAAAAAGTACCCCAGATACAAGAAATATCTCTTGAATATTTCTTGTATCTGGGGTACGG	Hs.269764	14538	0.0063125	0.51140021	0.979716869				0.7942	0.44800072	0.015628237						
BACH2	AJ271878_bp1468_R	AGCTAAAAAGCAAGCACATTCCGGGAAGATTCTCTTGAAATCTTCCCGGAATGTGCTTGCGG	Hs.269764	3790	1.0162125	0.68535715	0.01822173				0.3983	0.48781689	0.159404808						

BACH2	AJ271878_bp1468_R	AGCTAAAAAGCAAGCACATTCCGGGAAGATTCTCTTGAAATCTTCCCGGAATGTGCTTGCGG	Hs.269764	9166	0.9945875	0.7793017	0.028864054				0.54595	0.44258717	0.060871951						
BACH2	AJ271878_bp1468_R	AGCTAAAAAGCAAGCACATTCCGGGAAGATTCTCTTGAAATCTTCCCGGAATGTGCTTGCGG	Hs.269764	14542	0.9900875	0.69916415	0.021288471				0.4382	0.42937942	0.110618432						
BACH2	AJ271878_bp2058_R	AGCTAAAAAGGTGAGCAGTTTGGACAAAGATCTCTTGAATCTTTGTCCAAACTGCTCACCGG	Hs.269764	3788	0.5517125	0.23946931	0.017785041				0.520025	0.400345	0.062492348						
BACH2	AJ271878_bp2058_R	AGCTAAAAAGGTGAGCAGTTTGGACAAAGATCTCTTGAATCTTTGTCCAAACTGCTCACCGG	Hs.269764	9164	0.619233333	0.35804761	0.048913058				0.482375	0.43571262	0.086587119						
BACH2	AJ271878_bp2058_R	AGCTAAAAAGGTGAGCAGTTTGGACAAAGATCTCTTGAATCTTTGTCCAAACTGCTCACCGG	Hs.269764	14540	0.3598625	0.09691301	0.044067045				0.413675	0.37438176	0.112250311						
BAD	NM_004322_bp201_R	AGCTAAAAAGTGCCTTGACTACGTAACATCTCTCTTGAAGATGTTACGTAGTCAAGGCACGG	Hs.370254	839	1.3022125	0.39029839	0.001225975				-0.5402375	0.21624639	0.032205431						
BAD	NM_004322_bp201_R	AGCTAAAAAGTGCCTTGACTACGTAACATCTCTCTTGAAGATGTTACGTAGTCAAGGCACGG	Hs.370254	6215	1.2772875	0.29794895	0.000710746				-0.6301375	0.27647017	0.021268826						
BAD	NM_004322_bp201_R	AGCTAAAAAGTGCCTTGACTACGTAACATCTCTCTTGAAGATGTTACGTAGTCAAGGCACGG	Hs.370254	11591	1.3292875	0.39025888	0.001115577				-0.6288875	0.25343318	0.019927576						
BAD	NM_004322_bp233_R	AGCTAAAAAGCCCAGAGCATGTTCCAGATCTCTCTTGAAGATCTGGAACATGCTCTGGGCGG	Hs.370254	2184	-0.7347125	0.16759954	0.003803334				-0.7693375	0.13631982	0.005971963						
BAD	NM_004322_bp233_R	AGCTAAAAAGCCCAGAGCATGTTCCAGATCTCTCTTGAAGATCTGGAACATGCTCTGGGCGG	Hs.370254	7560	-0.7959375	0.29438207	0.005691203				-0.8777875	0.31292127	0.005752741						
BAD	NM_004322_bp233_R	AGCTAAAAAGCCCAGAGCATGTTCCAGATCTCTCTTGAAGATCTGGAACATGCTCTGGGCGG	Hs.370254	12936	-0.8020125	0.28070855	0.005062313				-0.7805375	0.24490295	0.007662059						
BAD	NM_004322_bp585_R	AGCTAAAAAGGAGGATGAGTGACGAGTTTGTCTCTTGAACAAACTCGTCACTCATCCTCCGG	Hs.370254	12962							1.07345								
BAG1	NM_004323_bp681_R	AGCTAAAAAGCACTTGGAATACAAGATGGTTCTCTTGAAACCATCTTGTATTCCAAGTGCGG	Hs.377484	2649	0.909083333	0.48693093	0.027879986				0.808433333	0.29707175	0.021948944						
BAG1	NM_004323_bp681_R	AGCTAAAAAGCACTTGGAATACAAGATGGTTCTCTTGAAACCATCTTGTATTCCAAGTGCGG	Hs.377484	8025	0.75915	0.49057491	0.049729269				0.57785	0.32113968	0.033196332						
BAG1	NM_004323_bp681_R	AGCTAAAAAGCACTTGGAATACAAGATGGTTCTCTTGAAACCATCTTGTATTCCAAGTGCGG	Hs.377484	13401	0.90875	0.53168825	0.032930906				0.684775	0.28275005	0.014974536						
BAG1	NM_004323_bp744_R	AGCTAAAAAGAGGTTGAACTAAAGAAGTTGTCTCTTGAACAACTTCTTTAGTTCAACCTCGG	Hs.377484	2647	-0.1843875	0.44578645	0.350732742				-0.7247	0.57041011	0.034979379						
BAG1	NM_004323_bp744_R	AGCTAAAAAGAGGTTGAACTAAAGAAGTTGTCTCTTGAACAACTTCTTTAGTTCAACCTCGG	Hs.377484	8023	-0.3938875	0.16558995	0.030604827				-0.738125	0.58793474	0.034798188						
BAG1	NM_004323_bp744_R	AGCTAAAAAGAGGTTGAACTAAAGAAGTTGTCTCTTGAACAACTTCTTTAGTTCAACCTCGG	Hs.377484	13399	-0.3160625	0.21427661	0.069762897				-0.43175	0.60166851	0.170103945						
BAG1	NM_004323_bp880_R	AGCTAAAAAGCAAACTTGATAGGAGAGTAATCTCTTGAATTACTCTCCTATCAAGTTTGCGG	Hs.377484	2645	-1.015416667	0.35951695	0.008938706				-0.803225	0.42975676	0.014120594						
BAG1	NM_004323_bp880_R	AGCTAAAAAGCAAACTTGATAGGAGAGTAATCTCTTGAATTACTCTCCTATCAAGTTTGCGG	Hs.377484	8021	-0.8801375	0.10287056	0.001036239				-0.6489	0.4833553	0.040058882						
BAG1	NM_004323_bp880_R	AGCTAAAAAGCAAACTTGATAGGAGAGTAATCTCTTGAATTACTCTCCTATCAAGTTTGCGG	Hs.377484	13397	-0.9520625	0.1061848	0.000746585				-0.612575	0.26615509	0.023883696						
BAG3	NM_004281_bp1665_R	AGCTAAAAAGATCGAAGAGTATTTGACCAATCTCTTGAATTGGTCAAATACTCTTCGATCGG	Hs.591924	2643	-0.8181875	0.31779913	0.004842233				-0.061675	0.12148927	0.765388601						
BAG3	NM_004281_bp1665_R	AGCTAAAAAGATCGAAGAGTATTTGACCAATCTCTTGAATTGGTCAAATACTCTTCGATCGG	Hs.591924	8019	-0.7978875	0.26216323	0.003771871				-0.003025	0.19005837	0.996978662						
BAG3	NM_004281_bp1665_R	AGCTAAAAAGATCGAAGAGTATTTGACCAATCTCTTGAATTGGTCAAATACTCTTCGATCGG	Hs.591924	13395	-0.7738875	0.25591611	0.00410351				-0.051825	0.16253622	0.808713539						
BAG3	NM_004281_bp627_R	AGCTAAAAAGGTGCACCCTTTCCATGTCTATCTCTTGAATAGACATGGAAAGGGTGCACCGG	Hs.591924	1293	1.4904875	0.77923914	0.006774045				-0.4568	0.36607616	0.087812141						
BAG3	NM_004281_bp627_R	AGCTAAAAAGGTGCACCCTTTCCATGTCTATCTCTTGAATAGACATGGAAAGGGTGCACCGG	Hs.591924	6669	1.4315375	0.80217333	0.008875584				-0.490375	0.31329227	0.06149867						
BAG3	NM_004281_bp627_R	AGCTAAAAAGGTGCACCCTTTCCATGTCTATCTCTTGAATAGACATGGAAAGGGTGCACCGG	Hs.591924	12045	1.4045125	0.80431688	0.009679813				-0.494375	0.29084796	0.056210025						
BAG3	NM_004281_bp660_R	AGCTAAAAAGATGCAGCGATTCCGAACTGATCTCTTGAATCAGTTCGGAATCGCTGCATCGG	Hs.591924	1294	-0.427383333	0.99260633	0.348814625				-0.131375	1.0393419	0.76346216						
BAG3	NM_004281_bp660_R	AGCTAAAAAGATGCAGCGATTCCGAACTGATCTCTTGAATCAGTTCGGAATCGCTGCATCGG	Hs.591924	6670	-0.408616667	1.03347969	0.381443812				-0.16365	1.0237734	0.703274315						
BAG3	NM_004281_bp660_R	AGCTAAAAAGATGCAGCGATTCCGAACTGATCTCTTGAATCAGTTCGGAATCGCTGCATCGG	Hs.591924	12046	-0.4904125	0.83943943	0.191010318				-0.132875	1.01541527	0.756309576						
BAG4	NM_004874_bp1312_R	AGCTAAAAAGAGCCTCAGCTGTATGGTAATTCTCTTGAAATTACCATACAGCTGAGGCTCGG	Hs.194726	2641	-0.471216667	0.13078469	0.043977329				-0.25515	0.28197882	0.26358019						
BAG4	NM_004874_bp1312_R	AGCTAAAAAGAGCCTCAGCTGTATGGTAATTCTCTTGAAATTACCATACAGCTGAGGCTCGG	Hs.194726	8017	-0.52535	0.17398777	0.036080919				-0.2243	0.10283388	0.273360624						
BAG4	NM_004874_bp1312_R	AGCTAAAAAGAGCCTCAGCTGTATGGTAATTCTCTTGAAATTACCATACAGCTGAGGCTCGG	Hs.194726	13393	-0.62765	0.15840436	0.020487263				-0.192525	0.14573317	0.352797049						
BAG4	NM_004874_bp555_R	AGCTAAAAAGCAGCCACCATATCCTAGCTATCTCTTGAATAGCTAGGATATGGTGGCTGCGG	Hs.194726	1292	0.8678625	0.70692762	0.040000091				-0.315625	0.52949694	0.274757039						
BAG4	NM_004874_bp555_R	AGCTAAAAAGCAGCCACCATATCCTAGCTATCTCTTGAATAGCTAGGATATGGTGGCTGCGG	Hs.194726	6668	0.8488375	0.74563487	0.049609176				-0.2826	0.55982371	0.336494904						
BAG4	NM_004874_bp555_R	AGCTAAAAAGCAGCCACCATATCCTAGCTATCTCTTGAATAGCTAGGATATGGTGGCTGCGG	Hs.194726	12044	0.8385625	0.73939078	0.050499336				-0.193725	0.59044781	0.51593113						
BAG4	NM_004874_bp716_R	AGCTAAAAAGGGCAAATACTGCCTCATACTTCTCTTGAAAGTATGAGGCAGTATTTGCCCGG	Hs.194726	2615	2.2217375	0.91437633	0.002136448				0.9678	1.36572451	0.105987963						
BAG4	NM_004874_bp716_R	AGCTAAAAAGGGCAAATACTGCCTCATACTTCTCTTGAAAGTATGAGGCAGTATTTGCCCGG	Hs.194726	7991	2.2640125	0.91051741	0.001929382				0.946175	1.34962862	0.109411824						
BAG4	NM_004874_bp716_R	AGCTAAAAAGGGCAAATACTGCCTCATACTTCTCTTGAAAGTATGAGGCAGTATTTGCCCGG	Hs.194726	13367	2.1741625	0.83384767	0.001645259				0.9082	1.21503712	0.095734691						
BAK1	NM_001188_bp626_R	AGCTAAAAAGCCCTACACGTCTACCAGCATTCTCTTGAAATGCTGGTAGACGTGTAGGGCGG	Hs.485139	805	-1.4784875	0.63479149	0.003087811				-0.7703875	0.46880412	0.019234854						
BAK1	NM_001188_bp626_R	AGCTAAAAAGCCCTACACGTCTACCAGCATTCTCTTGAAATGCTGGTAGACGTGTAGGGCGG	Hs.485139	6181	-1.7207375	0.3997714	0.000357263				-0.8613875	0.41814953	0.009739302						
BAK1	NM_001188_bp626_R	AGCTAAAAAGCCCTACACGTCTACCAGCATTCTCTTGAAATGCTGGTAGACGTGTAGGGCGG	Hs.485139	11557	-1.5029375	0.51450342	0.001430203				-0.8078875	0.42049209	0.013004782						
BAK1	NM_001188_bp683_R	AGCTAAAAAGTGGTCGACTTCATGCTGCATTCTCTTGAAATGCAGCATGAAGTCGACCACGG	Hs.485139	806	-1.866033333	0.99175212	0.012857599												
BAK1	NM_001188_bp683_R	AGCTAAAAAGTGGTCGACTTCATGCTGCATTCTCTTGAAATGCAGCATGAAGTCGACCACGG	Hs.485139	6182	-1.37885	0.64537636	0.029539602												
BAK1	NM_001188_bp683_R	AGCTAAAAAGTGGTCGACTTCATGCTGCATTCTCTTGAAATGCAGCATGAAGTCGACCACGG	Hs.485139	11558	-1.37225	0.66347829	0.031144967												
BAK1	NM_001188_bp749_R	AGCTAAAAAGCCCTGAACTTGGGCAATGGTTCTCTTGAAACCATTGCCCAAGTTCAGGGCGG	Hs.485139	2162	3.2104						-0.9223								
BAK1	NM_001188_bp749_R	AGCTAAAAAGCCCTGAACTTGGGCAATGGTTCTCTTGAAACCATTGCCCAAGTTCAGGGCGG	Hs.485139	7538	3.4673														
BAK1	NM_001188_bp749_R	AGCTAAAAAGCCCTGAACTTGGGCAATGGTTCTCTTGAAACCATTGCCCAAGTTCAGGGCGG	Hs.485139	12914	4.8469														
BANK1	BC032241_bp884_R	AGCTAAAAAGTCTGGTGCATGAAAGCTTTATCTCTTGAATAAAGCTTTCATGCACCAGACGG	Hs.480400	15277	0.2678	0.49098616	0.296130198	0.52405	0.14792238	0.017279789	-0.38606667	0.70737748	0.309997885						
BANK1	BC032241_bp884_R	AGCTAAAAAGTCTGGTGCATGAAAGCTTTATCTCTTGAATAAAGCTTTCATGCACCAGACGG	Hs.480400	4525	0.209366667	0.58193601	0.510055526	0.0177			-0.6769								
BANK1	BC032241_bp884_R	AGCTAAAAAGTCTGGTGCATGAAAGCTTTATCTCTTGAATAAAGCTTTCATGCACCAGACGG	Hs.480400	9901	0.36115	0.4564058	0.159543731	0.5522	0.37504944	0.177999477	-0.3098								
BANK1	BC032241_bp914_R	AGCTAAAAAGCTGGTTCAGTCCATGTCAATTCTCTTGAAATTGACATGGACTGAACCAGCGG	Hs.480400	4523	-0.1554	0.83820763	0.70353224	0.2246	0.69632893	0.507569241	1.0673	1.00232711	0.054137698						
BANK1	BC032241_bp914_R	AGCTAAAAAGCTGGTTCAGTCCATGTCAATTCTCTTGAAATTGACATGGACTGAACCAGCGG	Hs.480400	9899	-0.0783	0.92526591	0.858585535	0.05395	0.55843146	0.845852873	1.2082	1.06120714	0.04167618						
BANK1	BC032241_bp914_R	AGCTAAAAAGCTGGTTCAGTCCATGTCAATTCTCTTGAAATTGACATGGACTGAACCAGCGG	Hs.480400	15275	-0.2197	0.60677599	0.449388291	0.084675	0.49599549	0.740307218	0.968366667	1.16316114	0.097903312						
BARD1	NM_000465_bp1653_R	AGCTAAAAAGTCTGCGGCCTGTCGATTATATCTCTTGAATATAATCGACAGGCCGCAGACGG	Hs.591642	1290	-0.7731						-0.6695	0.16361269	0.012246807						
BARD1	NM_000465_bp1653_R	AGCTAAAAAGTCTGCGGCCTGTCGATTATATCTCTTGAATATAATCGACAGGCCGCAGACGG	Hs.591642	6666	-1.1776						-0.70823333	0.22065676	0.032374769						
BARD1	NM_000465_bp1653_R	AGCTAAAAAGTCTGCGGCCTGTCGATTATATCTCTTGAATATAATCGACAGGCCGCAGACGG	Hs.591642	12042	-1.0809						-0.6551	0.15991025	0.013293692						
BARD1	NM_000465_bp1772_R	AGCTAAAAAGATGGACCTCTTGTACTTATATCTCTTGAATATAAGTACAAGAGGTCCATCGG	Hs.591642	1291	0.1858625	0.77619003	0.668172097				-0.411375	0.43447394	0.135793004						
BARD1	NM_000465_bp1772_R	AGCTAAAAAGATGGACCTCTTGTACTTATATCTCTTGAATATAAGTACAAGAGGTCCATCGG	Hs.591642	6667	0.2766375	0.76115942	0.489556684				0.08345	0.39478536	0.714232262						
BARD1	NM_000465_bp1772_R	AGCTAAAAAGATGGACCTCTTGTACTTATATCTCTTGAATATAAGTACAAGAGGTCCATCGG	Hs.591642	12043	0.2092875	0.73777364	0.606092345				-0.33635	0.38258114	0.189924272						
BARD1	NM_000465_bp219_R	AGCTAAAAAGCTGCTCGCGTTGTACTAACATCTCTTGAATGTTAGTACAACGCGAGCAGCGG	Hs.591642	2613	-0.0773375	0.362887	0.574391678				-0.609875	0.72301934	0.100514841						
BARD1	NM_000465_bp219_R	AGCTAAAAAGCTGCTCGCGTTGTACTAACATCTCTTGAATGTTAGTACAACGCGAGCAGCGG	Hs.591642	7989	-0.0228875	0.3282168	0.752697036				-0.6273	0.61635741	0.069448859						
BARD1	NM_000465_bp219_R	AGCTAAAAAGCTGCTCGCGTTGTACTAACATCTCTTGAATGTTAGTACAACGCGAGCAGCGG	Hs.591642	13365	-0.0516375	0.40723557	0.680579617				-0.579175	0.67970844	0.103712314						
BATF	BQ053419_bp215_R	AGCTAAAAAGTCGTGACAGTTCCCGTGTTCTCTCTTGAAGAACACGGGAACTGTCACGACGG	Hs.509964	4539	-0.275725	0.48762662	0.281640249	0.4927	1.11409938	0.350172668	-0.20046667	1.06213408	0.672055107						
BATF	BQ053419_bp215_R	AGCTAAAAAGTCGTGACAGTTCCCGTGTTCTCTCTTGAAGAACACGGGAACTGTCACGACGG	Hs.509964	9915	-0.2951	0.27607733	0.138586052	0.090625	1.35063861	0.879813835	-0.21816667	0.91733739	0.610667807						
BATF	BQ053419_bp215_R	AGCTAAAAAGTCGTGACAGTTCCCGTGTTCTCTCTTGAAGAACACGGGAACTGTCACGACGG	Hs.509964	15291	-0.322975	0.37711119	0.158223951	-0.0597	0.26067821	0.737307074	0.1622	0.70789069	0.655565054						
BATF	BQ053419_bp381_R	AGCTAAAAAGACATGAGGTTGGTGGAATACTCTCTTGAAGCATTCCACCAACCTCATGTCGG	Hs.509964	4541	0.1153	0.46578825	0.625195345	0.22605	0.2133175	0.212518519	-0.83546667	0.17535211	0.016136948						
BATF	BQ053419_bp381_R	AGCTAAAAAGACATGAGGTTGGTGGAATACTCTCTTGAAGCATTCCACCAACCTCATGTCGG	Hs.509964	9917	0.053825	0.27331363	0.760246859	0.00305	0.44689824	0.989696403	-0.74496667	0.12093082	0.023011514						
BATF	BQ053419_bp381_R	AGCTAAAAAGACATGAGGTTGGTGGAATACTCTCTTGAAGCATTCCACCAACCTCATGTCGG	Hs.509964	15293	0.346275	0.94279894	0.411587741	-0.00435	0.15025848	0.977018119	-0.8528	0.7568871	0.103450912						
BATF	BQ053419_bp99_R	AGCTAAAAAGACTTGAGCATCTTTCTTAATTCTCTTGAAATTAAGAAAGATGCTCAAGTCGG	Hs.509964	4537	-0.56455	0.48918486	0.05681054	0.025825	0.81922868	0.94567163	-0.37763333	0.77864709	0.344098718						
BATF	BQ053419_bp99_R	AGCTAAAAAGACTTGAGCATCTTTCTTAATTCTCTTGAAATTAAGAAAGATGCTCAAGTCGG	Hs.509964	9913	-0.15825	0.63149361	0.591560277	-0.07105	0.09142891	0.796798382	-0.8136								
BATF	BQ053419_bp99_R	AGCTAAAAAGACTTGAGCATCTTTCTTAATTCTCTTGAAATTAAGAAAGATGCTCAAGTCGG	Hs.509964	15289	-0.344566667	0.41399363	0.219843196	-1.008233333	0.80590705	0.069843133	0.2434	0.49143921	0.530090272						
BAX	NM_138764_bp268_R	AGCTAAAAAGGGGACGAACTGGACAGTAACTCTCTTGAAGTTACTGTCCAGTTCGTCCCCGG	Hs.433670	932	-0.4206875	0.32152909	0.065805206				-0.3453625	0.33538284	0.158926221	-0.172675	0.63648703	0.625127352	0.712225	0.58022451	0.091272556
BAX	NM_138764_bp268_R	AGCTAAAAAGGGGACGAACTGGACAGTAACTCTCTTGAAGTTACTGTCCAGTTCGTCCCCGG	Hs.433670	6308	-0.4324875	0.31387571	0.058605901				-0.2652875	0.40621935	0.29149754	-0.03705	0.59523565	0.908801547	0.824175	0.68570983	0.095542448
BAX	NM_138764_bp268_R	AGCTAAAAAGGGGACGAACTGGACAGTAACTCTCTTGAAGTTACTGTCCAGTTCGTCCCCGG	Hs.433670	11684	-0.4065125	0.38030719	0.092379085				-0.3734625	0.39141927	0.149629535	0.016775	0.55947611	0.955953272	0.891475	0.60928438	0.061183311
BAX	NM_138764_bp418_R	AGCTAAAAAGCCAGCAAACTGGTGCTCAAGTCTCTTGAACTTGAGCACCAGTTTGCTGGCGG	Hs.433670	933	-0.9111875	0.12381731	0.001179687				-0.3449125	1.07969312	0.442008817	0.065575	0.30116786	0.692648884	0.9045	0.90996639	0.140959348
BAX	NM_138764_bp418_R	AGCTAAAAAGCCAGCAAACTGGTGCTCAAGTCTCTTGAACTTGAGCACCAGTTTGCTGGCGG	Hs.433670	6309	-0.9872875	0.11348034	0.00077957				-0.4200125	1.1185518	0.367843983	0.0713	0.28866795	0.655217346	0.97345	0.8784702	0.113439857
BAX	NM_138764_bp418_R	AGCTAAAAAGCCAGCAAACTGGTGCTCAAGTCTCTTGAACTTGAGCACCAGTTTGCTGGCGG	Hs.433670	11685	-0.9688375	0.16028192	0.001065653				-0.4309625	1.10964395	0.353400817	0.082225	0.23466368	0.533897932	1.040225	0.90909792	0.106104752
BAX	NM_138764_bp578_R	AGCTAAAAAGGGCTGGACATTGGACTTCCTTCTCTTGAAAGGAAGTCCAATGTCCAGCCCGG	Hs.433670	934	-0.1365375	0.53561743	0.600086577				-0.6485375	0.74674162	0.086826265	0.841375	0.50610691	0.044889921	0.714125	0.13481888	0.001797015
BAX	NM_138764_bp578_R	AGCTAAAAAGGGCTGGACATTGGACTTCCTTCTCTTGAAAGGAAGTCCAATGTCCAGCCCGG	Hs.433670	6310	-0.1875375	0.51079983	0.462903656				-0.7683875	0.76707219	0.054739582	0.80165	0.36495131	0.021853587	0.647675	0.15267518	0.003438038
BAX	NM_138764_bp578_R	AGCTAAAAAGGGCTGGACATTGGACTTCCTTCTCTTGAAAGGAAGTCCAATGTCCAGCCCGG	Hs.433670	11686	-0.2050625	0.5629041	0.454675566				-0.7302875	0.77962503	0.066676483	0.76885	0.45183062	0.042359538	0.67085	0.18410755	0.005333803
BBC3	NM_014417_bp1718_R	AGCTAAAAAGCCTGTAAGATACTGTATATGTCTCTTGAACATATACAGTATCTTACAGGCGG	Hs.467020	861	-0.8732875	0.23781002	0.002681379				-0.0535625	0.89074282	0.886775208						
BBC3	NM_014417_bp1718_R	AGCTAAAAAGCCTGTAAGATACTGTATATGTCTCTTGAACATATACAGTATCTTACAGGCGG	Hs.467020	6237	-0.8445625	0.2809552	0.004067752				-0.0855625	0.75415795	0.798097977						
BBC3	NM_014417_bp1718_R	AGCTAAAAAGCCTGTAAGATACTGTATATGTCTCTTGAACATATACAGTATCTTACAGGCGG	Hs.467020	11613	-0.8285125	0.2895132	0.004660262				-0.0467875	0.80730429	0.893663695						
BBC3	NM_014417_bp785_R	AGCTAAAAAGAGGGTCCTGTACAATCTCATTCTCTTGAAATGAGATTGTACAGGACCCTCGG	Hs.467020	7598															
BBC3	NM_014417_bp785_R	AGCTAAAAAGAGGGTCCTGTACAATCTCATTCTCTTGAAATGAGATTGTACAGGACCCTCGG	Hs.467020	12974															
BBC3	NM_014417_bp943_R	AGCTAAAAAGGACTTTCTCTGCACCATGTATCTCTTGAATACATGGTGCAGAGAAAGTCCGG	Hs.467020	862	-0.4527875	0.77935806	0.225726665				-0.0131875	0.81821807	0.970211358						
BBC3	NM_014417_bp943_R	AGCTAAAAAGGACTTTCTCTGCACCATGTATCTCTTGAATACATGGTGCAGAGAAAGTCCGG	Hs.467020	6238	-0.3769875	0.65008086	0.239697636				-0.1216875	0.65925882	0.692373819						
BBC3	NM_014417_bp943_R	AGCTAAAAAGGACTTTCTCTGCACCATGTATCTCTTGAATACATGGTGCAGAGAAAGTCCGG	Hs.467020	11614	-0.4334125	0.75265294	0.231503112				-0.0571375	0.79632413	0.869128759						
BCAT1	NM_005504_bp1405_R	AGCTAAAAAGGCGAGACAATACACATTCCATCTCTTGAATGGAATGTGTATTGTCTCGCCGG	Hs.438993	3359	0.032475	0.19475243	0.836760079				0.2404875	0.45853274	0.357367678	-0.014775	0.4238073	0.948800021	0.863525	0.37656221	0.019467848
BCAT1	NM_005504_bp1405_R	AGCTAAAAAGGCGAGACAATACACATTCCATCTCTTGAATGGAATGTGTATTGTCTCGCCGG	Hs.438993	8735	-0.016425	0.20092768	0.917528691				0.1049625	0.4138122	0.665842133	-0.004925	0.35426459	0.979564589	0.98185	0.46814717	0.024715795
BCAT1	NM_005504_bp1405_R	AGCTAAAAAGGCGAGACAATACACATTCCATCTCTTGAATGGAATGTGTATTGTCTCGCCGG	Hs.438993	14111	0.041	0.15607286	0.7853851				0.1851375	0.39514641	0.446128117	0.05095	0.42191647	0.824721397	0.980025	0.45806014	0.023443313
BCAT1	NM_005504_bp842_R	AGCTAAAAAGTCTGTATATTCGTCCTACATTCTCTTGAAATGTAGGACGAATATACAGACGG	Hs.438993	3385	-0.586025	0.21482329	0.01239254				0.6472875	0.44397682	0.034242818	-0.0188	0.47895434	0.942369932	0.6524	0.613381	0.123334773
BCAT1	NM_005504_bp842_R	AGCTAAAAAGTCTGTATATTCGTCCTACATTCTCTTGAAATGTAGGACGAATATACAGACGG	Hs.438993	8761	-0.582025	0.20395953	0.012022382				0.5887375	0.51282831	0.059477303	0.037575	0.43370527	0.873467386	0.60715	0.63419605	0.151423207
BCAT1	NM_005504_bp842_R	AGCTAAAAAGTCTGTATATTCGTCCTACATTCTCTTGAAATGTAGGACGAATATACAGACGG	Hs.438993	14137	-0.598075	0.16628854	0.008928256				0.6521125	0.46504321	0.035885565	0.029525	0.43088851	0.899677496	0.707825	0.59157338	0.096478123
BCCIP	NM_078469_bp425_R	AGCTAAAAAGTACCCAGTGTGTTGAACAAATCTCTTGAATTTGTTCAACACACTGGGTACGG	Hs.370292	2611	2.6434375	1.15660344	0.002476503				0.7469	1.0436559	0.115433745						
BCCIP	NM_078469_bp425_R	AGCTAAAAAGTACCCAGTGTGTTGAACAAATCTCTTGAATTTGTTCAACACACTGGGTACGG	Hs.370292	7987	2.6501875	1.15093129	0.002399726				0.679575	1.02354495	0.139687147						
BCCIP	NM_078469_bp425_R	AGCTAAAAAGTACCCAGTGTGTTGAACAAATCTCTTGAATTTGTTCAACACACTGGGTACGG	Hs.370292	13363	0.4240375	0.30703487	0.07790034				0.439	0.88953094	0.265917845						
BCCIP	NM_078469_bp541_R	AGCTAAAAAGGCCTTCTCCTAAGTGAAAGATCTCTTGAATCTTTCACTTAGGAGAAGGCCGG	Hs.370292	1289	0.5847875	0.51638357	0.0694801				-0.24805	0.5060199	0.369989089						
BCCIP	NM_078469_bp541_R	AGCTAAAAAGGCCTTCTCCTAAGTGAAAGATCTCTTGAATCTTTCACTTAGGAGAAGGCCGG	Hs.370292	6665	-0.1894625	0.208317	0.196899349				-0.255075	0.39110773	0.308317144						
BCCIP	NM_078469_bp541_R	AGCTAAAAAGGCCTTCTCCTAAGTGAAAGATCTCTTGAATCTTTCACTTAGGAGAAGGCCGG	Hs.370292	12041	-0.0678125	0.17255566	0.501446021				-0.258475	0.42662329	0.316813585						
BCCIP	NM_078469_bp742_R	AGCTAAAAAGCTGCGTTAATGTTTGCAAATTCTCTTGAAATTTGCAAACATTAACGCAGCGG	Hs.370292	13361	-0.3367						0.4179								
BCCIP	NM_078469_bp742_R	AGCTAAAAAGCTGCGTTAATGTTTGCAAATTCTCTTGAAATTTGCAAACATTAACGCAGCGG	Hs.370292	2609	0.2632														
BCCIP	NM_078469_bp742_R	AGCTAAAAAGCTGCGTTAATGTTTGCAAATTCTCTTGAAATTTGCAAACATTAACGCAGCGG	Hs.370292	7985	0.2086														
BCL10	NM_003921_bp1006_R	AGCTAAAAAGATGAAGTGCTGAAACTTAGATCTCTTGAATCTAAGTTTCAGCACTTCATCGG	Hs.193516	2381															
BCL10	NM_003921_bp1006_R	AGCTAAAAAGATGAAGTGCTGAAACTTAGATCTCTTGAATCTAAGTTTCAGCACTTCATCGG	Hs.193516	7757															
BCL10	NM_003921_bp1006_R	AGCTAAAAAGATGAAGTGCTGAAACTTAGATCTCTTGAATCTAAGTTTCAGCACTTCATCGG	Hs.193516	13133															
BCL10	NM_003921_bp1095_R	AGCTAAAAAGAACAACCTCTCCAGATCAAATCTCTTGAATTTGATCTGGAGAGGTTGTTCGG	Hs.193516	2383															
BCL10	NM_003921_bp1095_R	AGCTAAAAAGAACAACCTCTCCAGATCAAATCTCTTGAATTTGATCTGGAGAGGTTGTTCGG	Hs.193516	7759															
BCL10	NM_003921_bp1095_R	AGCTAAAAAGAACAACCTCTCCAGATCAAATCTCTTGAATTTGATCTGGAGAGGTTGTTCGG	Hs.193516	13135															
BCL10	NM_003921_bp1363_R	AGCTAAAAAGAGATGTTTCTTCCCTTAAGATCTCTTGAATCTTAAGGGAAGAAACATCTCGG	Hs.193516	2379															
BCL10	NM_003921_bp1363_R	AGCTAAAAAGAGATGTTTCTTCCCTTAAGATCTCTTGAATCTTAAGGGAAGAAACATCTCGG	Hs.193516	7755															
BCL10	NM_003921_bp1363_R	AGCTAAAAAGAGATGTTTCTTCCCTTAAGATCTCTTGAATCTTAAGGGAAGAAACATCTCGG	Hs.193516	13131															
BCL2	NM_000633_bp551_R	AGCTAAAAAGCCCTGTGGATGACTGAGTACTCTCTTGAAGTACTCAGTCATCCACAGGGCGG	Hs.592350	2124	1.0919625	0.67119501	0.013004171				-0.5107875	0.11705678	0.032174064						
BCL2	NM_000633_bp551_R	AGCTAAAAAGCCCTGTGGATGACTGAGTACTCTCTTGAAGTACTCAGTCATCCACAGGGCGG	Hs.592350	7500	1.0008125	0.60636859	0.013387997				-0.2576625	0.24054916	0.242236727						
BCL2	NM_000633_bp551_R	AGCTAAAAAGCCCTGTGGATGACTGAGTACTCTCTTGAAGTACTCAGTCATCCACAGGGCGG	Hs.592350	12876	1.1517875	0.63635356	0.008906898				-0.2824125	0.28676081	0.219491238						
BCL2	NM_000633_bp617_R	AGCTAAAAAGATGCCTTTGTGGAACTGTACTCTCTTGAAGTACAGTTCCACAAAGGCATCGG	Hs.592350	785	0.990816667	0.47511776	0.017759956				1.833925	0.71852656	0.00960321						
BCL2	NM_000633_bp617_R	AGCTAAAAAGATGCCTTTGTGGAACTGTACTCTCTTGAAGTACAGTTCCACAAAGGCATCGG	Hs.592350	6161	1.227125	0.62646125	0.038255831				1.909225	0.79418698	0.009662107						
BCL2	NM_000633_bp617_R	AGCTAAAAAGATGCCTTTGTGGAACTGTACTCTCTTGAAGTACAGTTCCACAAAGGCATCGG	Hs.592350	11537	1.239425	0.68698959	0.042516562				1.922725	0.80634922	0.009653744						
BCL2	NM_000633_bp649_R	AGCTAAAAAGCGGCCTCTGTTTGATTTCTCTCTCTTGAAGAGAAATCAAACAGAGGCCGCGG	Hs.592350	786	0.4616375	0.79718531	0.225650556				0.0199875	1.50285779	0.972537827						
BCL2	NM_000633_bp649_R	AGCTAAAAAGCGGCCTCTGTTTGATTTCTCTCTCTTGAAGAGAAATCAAACAGAGGCCGCGG	Hs.592350	6162	0.4916375	0.74923712	0.181747699				-0.0150375	1.51238488	0.979453373						
BCL2	NM_000633_bp649_R	AGCTAAAAAGCGGCCTCTGTTTGATTTCTCTCTCTTGAAGAGAAATCAAACAGAGGCCGCGG	Hs.592350	11538	0.4720875	0.75806506	0.200440595				-0.0772625	1.59241367	0.899548926						
BCL2A1	NM_004049_bp382_R	AGCTAAAAAGCCAGAACACTATTCAACCAATCTCTTGAATTGGTTGAATAGTGTTCTGGCGG	Hs.227817	2176							0.4486								
BCL2A1	NM_004049_bp382_R	AGCTAAAAAGCCAGAACACTATTCAACCAATCTCTTGAATTGGTTGAATAGTGTTCTGGCGG	Hs.227817	7552	0.9547														
BCL2A1	NM_004049_bp440_R	AGCTAAAAAGGGGAAGAATTGTAACCATATTCTCTTGAAATATGGTTACAATTCTTCCCCGG	Hs.227817	834	0.0996375	0.29764954	0.589794674				-0.7792375	0.72577976	0.046091231						
BCL2A1	NM_004049_bp440_R	AGCTAAAAAGGGGAAGAATTGTAACCATATTCTCTTGAAATATGGTTACAATTCTTCCCCGG	Hs.227817	6210	0.0275625	0.27476392	0.875629381				-0.7911625	0.72362758	0.043455731						
BCL2A1	NM_004049_bp440_R	AGCTAAAAAGGGGAAGAATTGTAACCATATTCTCTTGAAATATGGTTACAATTCTTCCCCGG	Hs.227817	11586	0.1168375	0.33389293	0.550646211				-0.7853625	0.66743941	0.037105176						
BCL2A1	NM_004049_bp550_R	AGCTAAAAAGCGGAGTTCATAATGAATAACTCTCTTGAAGTTATTCATTATGAACTCCGCGG	Hs.227817	2178	-0.2638875	0.67764019	0.407759878				-0.63851667	0.66780097	0.111397561						
BCL2A1	NM_004049_bp550_R	AGCTAAAAAGCGGAGTTCATAATGAATAACTCTCTTGAAGTTATTCATTATGAACTCCGCGG	Hs.227817	7554	-0.2373125	0.60084659	0.412906095				-0.61281667	0.65568365	0.120322678						
BCL2A1	NM_004049_bp550_R	AGCTAAAAAGCGGAGTTCATAATGAATAACTCTCTTGAAGTTATTCATTATGAACTCCGCGG	Hs.227817	12930	-0.2943875	0.66052069	0.350821482				-0.60671667	0.62788949	0.116842013						
BCL2L1	NM_138578_bp1045_R	AGCTAAAAAGGCTCACTCTTCAGTCGGAAATCTCTTGAATTTCCGACTGAAGAGTGAGCCGG	Hs.516966	2280	-1.2690875	0.97793594	0.024554666				0.161833333	0.87310878	0.694640559	0.06215	0.62354872	0.854740791	0.698	0.40499682	0.041027955
BCL2L1	NM_138578_bp1045_R	AGCTAAAAAGGCTCACTCTTCAGTCGGAAATCTCTTGAATTTCCGACTGAAGAGTGAGCCGG	Hs.516966	7656	-1.1523875	0.86974555	0.02393637				0.808666667	1.39094353	0.202110718	-0.0774	0.62911791	0.82151115	0.8074	0.51545502	0.051953951
BCL2L1	NM_138578_bp1045_R	AGCTAAAAAGGCTCACTCTTCAGTCGGAAATCTCTTGAATTTCCGACTGAAGAGTGAGCCGG	Hs.516966	13032	-0.8731625	1.05557226	0.096777238				0.060233333	0.76154534	0.872660852	0.072	0.57066662	0.81708169	0.62685	0.36784983	0.04220688
BCL2L1	NM_138578_bp674_R	AGCTAAAAAGGGCATTCAGTGACCTGACATTCTCTTGAAATGTCAGGTCACTGAATGCCCGG	Hs.516966	11680	-0.2439	0.92644764	0.586206029				2.1639						0.0026		
BCL2L1	NM_138578_bp674_R	AGCTAAAAAGGGCATTCAGTGACCTGACATTCTCTTGAAATGTCAGGTCACTGAATGCCCGG	Hs.516966	928	-0.293633333	0.81314898	0.472762397				1.6826			0.0719			-0.72606667	1.08215813	0.365119558
BCL2L1	NM_138578_bp674_R	AGCTAAAAAGGGCATTCAGTGACCTGACATTCTCTTGAAATGTCAGGTCACTGAATGCCCGG	Hs.516966	6304	-0.290733333	0.87103186	0.49950008				2.8745			-0.0917			0.1475		
BCL2L1	NM_138578_bp832_R	AGCTAAAAAGACAAGGAGATGCAGGTATTGTCTCTTGAACAATACCTGCATCTCCTTGTCGG	Hs.516966	929	2.0424625	1.34556597	0.012430975				0.4385125	0.68986805	0.195704878	0.34275	0.1322586	0.013943752	1.272375	0.25779672	0.002210805
BCL2L1	NM_138578_bp832_R	AGCTAAAAAGACAAGGAGATGCAGGTATTGTCTCTTGAACAATACCTGCATCTCCTTGTCGG	Hs.516966	6305	2.8829125	1.14999094	0.001546716				1.5021625	1.11393824	0.012675335	0.45515	0.16594976	0.011917415	1.442425	0.25105262	0.00141475
BCL2L1	NM_138578_bp832_R	AGCTAAAAAGACAAGGAGATGCAGGTATTGTCTCTTGAACAATACCTGCATCTCCTTGTCGG	Hs.516966	11681	2.8549125	1.06533556	0.001175802				1.3837375	0.97708931	0.01145794	0.524925	0.14685572	0.00563618	1.2168	0.29579758	0.003759049

BCL2L10	NM_020396_b694_R	AGCTAAAAGCCCAACTGTGACCAACTAAATCTCTTGAATTTAGTTGGTCACAGTTGGGCGG	Hs.283672	882	-0.8744625	0.44702506	0.009754857				0.942766667	1.05495685	0.086399938	-0.22305	0.36451355	0.545866206	0.182033333	0.21068558	0.273193534
BCL2L10	NM_020396_b694_R	AGCTAAAAGCCCAACTGTGACCAACTAAATCTCTTGAATTTAGTTGGTCACAGTTGGGCGG	Hs.283672	11634	-0.8537375	0.47465481	0.012523143				1.149566667	1.41555477	0.094554062	-0.3636	0.32243673	0.10939762	-0.2447	0.20689197	0.098907215
BCL2L10	NM_020396_b694_R	AGCTAAAAGCCCAACTGTGACCAACTAAATCTCTTGAATTTAGTTGGTCACAGTTGGGCGG	Hs.283672	6258	-0.8201875	0.47057606	0.014302221				0.34325	0.45445753	0.380089349	-0.4059	0.23459932	0.095643452	-0.245225	0.31136836	0.213301098
BCL2L10	NM_020396_b716_R	AGCTAAAAGACAGATGTGTGAGAACAAGATCTCTTGAATCTTGTTCTCACACATCTGTCGG	Hs.283672	2264	4.1085875	0.47116062	8.51E-06				0.3329625	0.45768402	0.216256955	0.06085	0.26337697	0.6754758	0.206375	0.53403614	0.495898362
BCL2L10	NM_020396_b716_R	AGCTAAAAGACAGATGTGTGAGAACAAGATCTCTTGAATCTTGTTCTCACACATCTGTCGG	Hs.283672	7640	0.8792875	0.43491386	6.82E-06				0.3652875	0.37421518	0.151711365	0.028525	0.20557225	0.799407815	0.239825	0.51862783	0.423260377
BCL2L10	NM_020396_b716_R	AGCTAAAAGACAGATGTGTGAGAACAAGATCTCTTGAATCTTGTTCTCACACATCTGTCGG	Hs.283672	13016	4.0721625	0.41614682	6.01E-06				0.2900875	0.56811228	0.321235735	0.085125	0.24414992	0.535785661	0.215125	0.44311851	0.403185672
BCL2L10	NM_020396_b866_R	AGCTAAAAGGCTCTTCCTTGAGTGAAAGATCTCTTGAATCTTTCACTCAAGGAAGAGCCGG	Hs.283672	883	1.8768625	0.95342327	0.004826494				1.9314875	1.10468514	0.003878837	1.2417	0.3281226	0.004784065	1.211325	0.55973331	0.022740487
BCL2L10	NM_020396_b866_R	AGCTAAAAGGCTCTTCCTTGAGTGAAAGATCTCTTGAATCTTTCACTCAAGGAAGAGCCGG	Hs.283672	6259	1.8765625	0.92843299	0.004368394				1.9150875	1.11842231	0.00424635	1.179475	0.34766352	0.006543847	1.1982	0.45262543	0.013148222
BCL2L10	NM_020396_b866_R	AGCTAAAAGGCTCTTCCTTGAGTGAAAGATCTCTTGAATCTTTCACTCAAGGAAGAGCCGG	Hs.283672	11635	1.9226375	1.00783777	0.005378419				1.9263125	1.13586264	0.004391208	1.316575	0.33716368	0.004370271	1.331875	0.46462112	0.01053548
BCL2L11	138622_b1586_R	AGCTAAAAGATTCGAGCGATCTGTTATTAATCTCTTGAATTAATAACAGATCGCTCGAACGG	Hs.591553	1945	-2.1807375	0.66720799	0.00063651				0.733525	4.48323377	0.604060959	0.16065	0.35022999	0.633651285	0.2311	0.30406629	0.318655831
BCL2L11	138622_b1586_R	AGCTAAAAGATTCGAGCGATCTGTTATTAATCTCTTGAATTAATAACAGATCGCTCGAACGG	Hs.591553	7321	-2.2287125	0.78305542	0.000953653				0.694825	4.51180088	0.687444632	0.4877			0.0533	0.63554758	0.924846324
BCL2L11	138622_b1586_R	AGCTAAAAGATTCGAGCGATCTGTTATTAATCTCTTGAATTAATAACAGATCGCTCGAACGG	Hs.591553	12697	-2.0296875	0.60698246	0.000627615				0.726975	4.44978762	0.670096585	0.5636			0.02285	0.54892699	0.962566038
BCL2L11	138622_b480_R	AGCTAAAAGACGAGCGAGTTTAACGCTTACTTCTCTTGAAAGTAAGCGTTAAACTCGTCTCGG	Hs.591553	1947	-0.0002625	0.16131724	0.998611803				-0.6240875	0.53792325	0.053298308	0.649775	0.48102241	0.073683575	0.150225	0.34059863	0.442667548
BCL2L11	138622_b480_R	AGCTAAAAGACGAGCGAGTTTAACGCTTACTTCTCTTGAAAGTAAGCGTTAAACTCGTCTCGG	Hs.591553	7323	-0.0144625	0.16421702	0.92393056				-0.5978625	0.5343298	0.06053802	0.80935	0.47006448	0.041247439	0.1328	0.33689925	0.48802979
BCL2L11	138622_b480_R	AGCTAAAAGACGAGCGAGTTTAACGCTTACTTCTCTTGAAAGTAAGCGTTAAACTCGTCTCGG	Hs.591553	12699	0.0130875	0.12466646	0.928126756				-0.6262625	0.52497811	0.05053796	0.749375	0.4942041	0.056192817	0.171675	0.32199792	0.364481336
BCL2L11	138622_b806_R	AGCTAAAAGGCTCTGGTGCCATTATTATCTCTTGAATAATAGGCACCAGGAGACCGG	Hs.591553	930	0.5256875	0.29245075	0.0279877				0.1919625	0.40536997	0.434605747	0.685825	0.39963605	0.0414699	0.52665	0.34053697	0.053585441
BCL2L11	138622_b806_R	AGCTAAAAGGCTCTGGTGCCATTATTATCTCTTGAATAATAGGCACCAGGAGACCGG	Hs.591553	6306	0.5178625	0.34371748	0.038197231				0.2308375	0.26469366	0.297594087	0.70105	0.3635015	0.030790666	0.5879	0.32083632	0.035127295
BCL2L11	138622_b806_R	AGCTAAAAGGCTCTGGTGCCATTATTATCTCTTGAATAATAGGCACCAGGAGACCGG	Hs.591553	11682	0.5121875	0.347509	0.04035051				0.1667875	0.28472365	0.448653342	0.7045	0.37430101	0.032792246	0.624375	0.30251774	0.025786149
BCL2L12	138639_b1663_R	AGCTAAAAGACTTGACCTTGCCATTGGATCTCTTGAATCCAATGGCAAGTTCAAGTCCGGG	Hs.289052	1949	3.5324375	0.62500184	4.90E-05				0.8262625	1.36437669	0.156677428	-0.238125	0.11597504	0.026141345	0.376225	0.80907051	0.420963321
BCL2L12	138639_b1663_R	AGCTAAAAGACTTGACCTTGCCATTGGATCTCTTGAATCCAATGGCAAGTTCAAGTCCGGG	Hs.289052	7325	3.7450875	0.74469788	7.34E-05				0.8155875	1.40931061	0.171513314	-0.3115	0.07565038	0.00374847	0.41655	0.78785883	0.367932961
BCL2L12	138639_b1663_R	AGCTAAAAGACTTGACCTTGCCATTGGATCTCTTGAATCCAATGGCAAGTTCAAGTCCGGG	Hs.289052	12701	3.9038375	0.81808549	8.83E-05				0.7863625	1.44788802	0.194228353	-0.295725	0.08393296	0.005873427	0.31565	0.74616381	0.459664258
BCL2L12	138639_b752_R	AGCTAAAAGAGGCGTCACATGCAAATTGAGTCTCTTGAACTCAATTTGCATGTGACGCTCGG	Hs.289052	931	0.6975125	0.7394802	0.07608326				0.7054875	0.54524237	0.035800231	0.996866667	0.95587135	0.212613535	0.107275	1.04345693	0.850523887
BCL2L12	138639_b752_R	AGCTAAAAGAGGCGTCACATGCAAATTGAGTCTCTTGAACTCAATTTGCATGTGACGCTCGG	Hs.289052	6307	0.6633125	0.73484451	0.086815845				0.6512625	0.59204731	0.055040141	1.003766667	0.99674918	0.222323707	-0.039675	0.96534589	0.939665986
BCL2L12	138639_b752_R	AGCTAAAAGAGGCGTCACATGCAAATTGAGTCTCTTGAACTCAATTTGCATGTGACGCTCGG	Hs.289052	11683	0.6961375	0.77029704	0.084736338				0.7178375	0.50428163	0.028994308	1.063466667	0.9956955	0.205549446	0.05565	1.13798425	0.928255786
BCL2L12	138639_b837_R	AGCTAAAAGCGGGAAAGTTGAACTAATAATCTCTTGAATTATTAGTTCAACTTTCCGCGG	Hs.289052	1951	2.2635	0.58477731	0.006520948										-0.78375	0.95112933	0.4514832
BCL2L12	138639_b837_R	AGCTAAAAGCGGGAAAGTTGAACTAATAATCTCTTGAATTATTAGTTCAACTTTCCGCGG	Hs.289052	7327	2.487	1.16573624	0.018087686										-0.5585	1.08357043	0.599009679
BCL2L12	138639_b837_R	AGCTAAAAGCGGGAAAGTTGAACTAATAATCTCTTGAATTATTAGTTCAACTTTCCGCGG	Hs.289052	12703	2.6879	1.61008214	0.030486211										-0.45785	0.94250263	0.61678891
BCL2L13	015367_b239_R	AGCTAAAAGGCCTCTGGGATTTCACTATGATCTCTTGAATCATAGTGAAATCCCAGAGGCGG	Hs.118681	2224	-1.5077625	0.18455887	0.000152091				-0.1259625	0.50877687	0.636885961						
BCL2L13	015367_b239_R	AGCTAAAAGGCCTCTGGGATTTCACTATGATCTCTTGAATCATAGTGAAATCCCAGAGGCGG	Hs.118681	7600	-1.5201125	0.14191477	0.000114777				-0.1370125	0.50021243	0.605325237						
BCL2L13	015367_b239_R	AGCTAAAAGGCCTCTGGGATTTCACTATGATCTCTTGAATCATAGTGAAATCCCAGAGGCGG	Hs.118681	12976	-1.5004875	0.17191137	0.000144337				-0.0076125	0.65801878	0.980095153						
BCL2L13	015367_b776_R	AGCTAAAAGGAGGACTATTCGGCAGAGTATCTCTTGAATACTCTGCCGAATAGTCCTCCGG	Hs.118681	863	2.1462125	0.66708264	0.00068302				0.9583375	1.12483739	0.0686158						
BCL2L13	015367_b776_R	AGCTAAAAGGAGGACTATTCGGCAGAGTATCTCTTGAATACTCTGCCGAATAGTCCTCCGG	Hs.118681	6239	2.1835625	0.67025443	0.000641482				0.9384875	1.09861496	0.068929267						
BCL2L13	015367_b776_R	AGCTAAAAGGAGGACTATTCGGCAGAGTATCTCTTGAATACTCTGCCGAATAGTCCTCCGG	Hs.118681	11615	2.1692625	0.63313645	0.000535716				0.9914375	1.15006325	0.065450286						
BCL2L13	015367_b818_R	AGCTAAAAGGGCACTGTGTTTAGTCTTGATCTCTTGAATCAAGACTAAACACAGTGCCCGG	Hs.118681	864	-0.4539875	0.17108379	0.025985935				-0.2027125	0.51779707	0.457987771						
BCL2L13	015367_b818_R	AGCTAAAAGGGCACTGTGTTTAGTCTTGATCTCTTGAATCAAGACTAAACACAGTGCCCGG	Hs.118681	6240	-0.4323125	0.15752316	0.029158839				-0.1194625	0.51431007	0.655765982						
BCL2L13	015367_b818_R	AGCTAAAAGGGCACTGTGTTTAGTCTTGATCTCTTGAATCAAGACTAAACACAGTGCCCGG	Hs.118681	11616	-0.4552125	0.1789333	0.026630911				-0.1329875	0.47120283	0.605892296						
BCL2L2	004050_b1282_R	AGCTAAAAGTGGGATTCCTCAAGGAGAAATCTCTTGAATTTCTCCTTGAGGAATCCCACGG	Hs.410026	835	-0.4298125	0.45046564	0.104240354				-0.6091375	0.51432833	0.053522139						
BCL2L2	004050_b1282_R	AGCTAAAAGTGGGATTCCTCAAGGAGAAATCTCTTGAATTTCTCCTTGAGGAATCCCACGG	Hs.410026	6211	-0.4743875	0.4323085	0.074619356				-0.6177875	0.46316058	0.043158701						
BCL2L2	004050_b1282_R	AGCTAAAAGTGGGATTCCTCAAGGAGAAATCTCTTGAATTTCTCCTTGAGGAATCCCACGG	Hs.410026	11587	-0.4302125	0.45048006	0.104000047				-0.6634375	0.53420661	0.042832893						
BCL2L2	004050_b219_R	AGCTAAAAGCAGACTTTGTAGGTTATAAGTCTCTTGAACTTATAACCTACAAAGTCTGCGG	Hs.410026	836	-0.0161125	0.68826689	0.958676929				-1.1288875	0.67516937	0.008796748						
BCL2L2	004050_b219_R	AGCTAAAAGCAGACTTTGTAGGTTATAAGTCTCTTGAACTTATAACCTACAAAGTCTGCGG	Hs.410026	6212	0.0435625	0.8138367	0.903095073				-1.2255125	0.5646455	0.003646275						
BCL2L2	004050_b219_R	AGCTAAAAGCAGACTTTGTAGGTTATAAGTCTCTTGAACTTATAACCTACAAAGTCTGCGG	Hs.410026	11588	-0.0588375	0.70102	0.852376851				-1.2712375	0.52369435	0.002497639						
BCL2L2	004050_b2599_R	AGCTAAAAGCTGGGCAATTTGCCCTCAAATCTCTTGAATTTGAGGGCAAATTGCCCAGCGG	Hs.410026	2180	0.6750125	0.74990775	0.088671367				0.1151875	1.10999099	0.797257548						
BCL2L2	004050_b2599_R	AGCTAAAAGCTGGGCAATTTGCCCTCAAATCTCTTGAATTTGAGGGCAAATTGCCCAGCGG	Hs.410026	7556	0.6766875	0.90356222	0.128832846				0.1775875	0.84789334	0.627645581						
BCL2L2	004050_b2599_R	AGCTAAAAGCTGGGCAATTTGCCCTCAAATCTCTTGAATTTGAGGGCAAATTGCCCAGCGG	Hs.410026	12932	0.5772875	0.67726436	0.104868477				0.2275375	0.93355327	0.564797712						
BCL3	005178_b273_R	AGCTAAAAGGAGCCTTACTGCCTTTGTACTCTCTTGAAGTACAAAGGCAGTAAGGCTCCGG	Hs.31210	2435															
BCL3	005178_b273_R	AGCTAAAAGGAGCCTTACTGCCTTTGTACTCTCTTGAAGTACAAAGGCAGTAAGGCTCCGG	Hs.31210	7811															
BCL3	005178_b273_R	AGCTAAAAGGAGCCTTACTGCCTTTGTACTCTCTTGAAGTACAAAGGCAGTAAGGCTCCGG	Hs.31210	13187															
BCL3	005178_b421_R	AGCTAAAAGGAGACACGCCCTCTCCATATTGTCTCTTGAACAATGGAGAGGCCGTGTCTCGG	Hs.31210	2437															
BCL3	005178_b421_R	AGCTAAAAGGAGACACGCCCTCTCCATATTGTCTCTTGAACAATGGAGAGGCCGTGTCTCGG	Hs.31210	7813															
BCL3	005178_b421_R	AGCTAAAAGGAGACACGCCCTCTCCATATTGTCTCTTGAACAATGGAGAGGCCGTGTCTCGG	Hs.31210	13189															
BCL3	005178_b509_R	AGCTAAAAGCTCGACATCTACAACAACCTTCTCTTGAAAGGTTGTTGTAGATGTCGAGCGG	Hs.31210	1430															
BCL3	005178_b509_R	AGCTAAAAGCTCGACATCTACAACAACCTTCTCTTGAAAGGTTGTTGTAGATGTCGAGCGG	Hs.31210	6806															
BCL3	005178_b509_R	AGCTAAAAGCTCGACATCTACAACAACCTTCTCTTGAAAGGTTGTTGTAGATGTCGAGCGG	Hs.31210	12182															
BCL6	BX649185_bp3572_R	AGCTAAAAGGCAGAGTTGTAAATATATAATCTCTTGAATTATATATTTACAACTCTGCCGG	Hs.478588	4619	-0.111125	0.53377711	0.667299086	0.1711	0.21245434	0.326558132	-0.81923333	1.93614148	0.315879991						
BCL6	BX649185_bp3572_R	AGCTAAAAGGCAGAGTTGTAAATATATAATCTCTTGAATTATATATTTACAACTCTGCCGG	Hs.478588	9995	-0.2537	1.13787623	0.658837581	-0.39195	0.37148327	0.112569216	-0.08793333	0.91479267	0.835245434						
BCL6	BX649185_bp3572_R	AGCTAAAAGGCAGAGTTGTAAATATATAATCTCTTGAATTATATATTTACAACTCTGCCGG	Hs.478588	15371	-0.23275	0.31558176	0.449638797	0.2306	0.95968532	0.678431496	-0.30085	0.42942595	0.43172285						
BCL7A	NM_020993_b1073_R	AGCTAAAACACACATCCCTACGAATCTACTCTCTTGAAGTAGATTCGTAGGGATGTGTCGG	Hs.530970	2534	1.4521	0.56548676	0.001690767				-0.3684875	1.23582309	0.511543161						
BCL7A	NM_020993_b1073_R	AGCTAAAACACACATCCCTACGAATCTACTCTCTTGAAGTAGATTCGTAGGGATGTGTCGG	Hs.530970	7910	1.711325	0.44747237	0.000385812				-0.5515875	0.74202833	0.157983556						
BCL7A	NM_020993_b1073_R	AGCTAAAACACACATCCCTACGAATCTACTCTCTTGAAGTAGATTCGTAGGGATGTGTCGG	Hs.530970	13286	1.513875	0.44529693	0.000679625				-0.6390125	0.80694704	0.124684772						
BCL7A	NM_020993_b1112_R	AGCTAAAAGAGCCCAAGGTTGATGACAAATCTCTTGAATTTGTCATCAACCTTGGGCTCGG	Hs.530970	2530	3.11795	0.3636699	1.44E-05				-0.0838375	0.35359976	0.858315969						
BCL7A	NM_020993_b1112_R	AGCTAAAAGAGCCCAAGGTTGATGACAAATCTCTTGAATTTGTCATCAACCTTGGGCTCGG	Hs.530970	7906	3.119825	0.41252164	2.08E-05				-0.0675125	0.3375129	0.913072626						
BCL7A	NM_020993_b1112_R	AGCTAAAAGAGCCCAAGGTTGATGACAAATCTCTTGAATTTGTCATCAACCTTGGGCTCGG	Hs.530970	13282	3.043525	0.33519408	1.36E-05				-0.0674125	0.31201858	0.911445359						
BCL7A	NM_020993_bp993_R	AGCTAAAAGGGCCAAAGATGATATCAAGATCTCTTGAATCTTGATATCATCTTTGGCCCGG	Hs.530970	7908	1.4446	0.84759412	0.007545915				1.4354125	0.58845694	0.00154081						
BCL7A	NM_020993_bp993_R	AGCTAAAAGGGCCAAAGATGATATCAAGATCTCTTGAATCTTGATATCATCTTTGGCCCGG	Hs.530970	13284	1.46345	0.73216468	0.004258666				1.5210375	0.65627318	0.001609067						
BCL7A	NM_020993_bp993_R	AGCTAAAAGGGCCAAAGATGATATCAAGATCTCTTGAATCTTGATATCATCTTTGGCCCGG	Hs.530970	2532	1.748133333	1.17958216	0.021392715				1.475666667	0.62583767	0.004830192						
BCL9	004326_b1052_R	AGCTAAAAGCCGACTCCTTTGATCACAGAGATCTCTTGAATCTCTGATCAAAGGAGTCGGCGG	Hs.415209	1287	-1.0943875	0.57332964	0.006791279				0.4821125	0.35674128	0.069341479						
BCL9	004326_b1052_R	AGCTAAAAGCCGACTCCTTTGATCACAGAGATCTCTTGAATCTCTGATCAAAGGAGTCGGCGG	Hs.415209	6663	-1.1164125	0.52212815	0.004705346				0.4204	0.29211032	0.087271305						
BCL9	004326_b1052_R	AGCTAAAAGCCGACTCCTTTGATCACAGAGATCTCTTGAATCTCTGATCAAAGGAGTCGGCGG	Hs.415209	12039	-1.1080875	0.5438354	0.005490357				0.4905	0.27290366	0.052092245						
BCL9	004326_b3265_R	AGCTAAAAGCGGAAGCCCTTGGATATATCTCTCTTGAAGATATATCCAAGGGCTTCCGCGG	Hs.415209	1286	-0.058616667	0.73053173	0.794932167				-0.3465	0.17708523	0.121188767						
BCL9	004326_b3265_R	AGCTAAAAGCGGAAGCCCTTGGATATATCTCTCTTGAAGATATATCCAAGGGCTTCCGCGG	Hs.415209	6662	-0.308725	0.8187943	0.459384722				-0.3375	0.25021753	0.146339145						
BCL9	004326_b3265_R	AGCTAAAAGCGGAAGCCCTTGGATATATCTCTCTTGAAGATATATCCAAGGGCTTCCGCGG	Hs.415209	12038	0.018083333	0.80039816	0.962944546				-0.306425	0.19449942	0.166625022						
BCL9	004326_b4186_R	AGCTAAAAGCAGGTTCCATTCCCTCACAATCTCTTGAATTGTGAGGGAATGGAACCTGCGG	Hs.415209	1288	-0.3426875	0.31662603	0.08482908				0.245825	0.60458116	0.401056664						
BCL9	004326_b4186_R	AGCTAAAAGCAGGTTCCATTCCCTCACAATCTCTTGAATTGTGAGGGAATGGAACCTGCGG	Hs.415209	6664	-0.3496125	0.31158343	0.079094505				0.164175	0.62799131	0.574093189						
BCL9	004326_b4186_R	AGCTAAAAGCAGGTTCCATTCCCTCACAATCTCTTGAATTGTGAGGGAATGGAACCTGCGG	Hs.415209	12040	-0.3480375	0.3008049	0.076592569				0.22745	0.58351819	0.407624591						
BECN1	NM_003766_b1085_R	AGCTAAAAGCCAATAAGATGGGCTCTGAATCTCTTGAATTTCAGACCCATCTTATTGGCGG	Hs.12272	813	-1.1837625	0.39854464	0.001992853				-0.2285375	1.00514885	0.58462789						
BECN1	NM_003766_b1085_R	AGCTAAAAGCCAATAAGATGGGCTCTGAATCTCTTGAATTTCAGACCCATCTTATTGGCGG	Hs.12272	6189	-1.152183333	0.40519833	0.007916725				-0.4465625	0.85972785	0.250184942						
BECN1	NM_003766_b1085_R	AGCTAAAAGCCAATAAGATGGGCTCTGAATCTCTTGAATTTCAGACCCATCTTATTGGCGG	Hs.12272	11565	-1.2263375	0.44518675	0.00230355				-0.5009125	0.80911713	0.186198908						
BECN1	NM_003766_b1174_R	AGCTAAAAGAGCTGCCGTTATACTGTTCTCTCTTGAAGAACAGTATAACGGCAGCTCCGG	Hs.12272	814	2.0282375	0.64653258	0.000791388				1.6613375	1.39918093	0.018777421						
BECN1	NM_003766_b1174_R	AGCTAAAAGAGCTGCCGTTATACTGTTCTCTCTTGAAGAACAGTATAACGGCAGCTCCGG	Hs.12272	6190	1.9076125	0.67755868	0.001245827				1.8197875	1.32907406	0.010561856						
BECN1	NM_003766_b1174_R	AGCTAAAAGAGCTGCCGTTATACTGTTCTCTCTTGAAGAACAGTATAACGGCAGCTCCGG	Hs.12272	11566	2.0528625	0.64627076	0.000747181				2.0857875	1.8341696	0.020170344						
BECN1	NM_003766_bp329_R	AGCTAAAAGAGGAGCCATTTATTGAATTGAAACTTCTCTTGAAAGTTTCAATAAATGGCTCCTCGG	Hs.12272	815	-0.2039125	0.49154168	0.415590005				0.1908125	0.57285757	0.505799506						
BECN1	NM_003766_bp329_R	AGCTAAAAGAGGAGCCATTTATTGAATTGAAACTTCTCTTGAAAGTTTCAATAAATGGCTCCTCGG	Hs.12272	6191	-0.1911625	0.55084644	0.477537251				0.2056625	0.5499551	0.46520152						
BECN1	NM_003766_bp329_R	AGCTAAAAGAGGAGCCATTTATTGAAACTTCTCTTGAAAGTTTCAATAAATGGCTCCTCGG	Hs.12272	11567	-0.1404625	0.48950264	0.566775136				0.1925625	0.58373687	0.506368768						
BID	NM_197966_b1018_R	AGCTAAAAGTGAGGAGCTTACCAGAACATTCTCTGAATTTCTGGCTAAGCTCCTCACGG	Hs.591054	952	0.8696375	1.3832486	0.174687401				0.1907625	0.85657319	0.605556475	0.79945	1.27657538	0.299138643	0.586075	0.75760873	0.219561484
BID	197966_b1018_R	AGCTAAAAGTGAGGAGCTTACCAGAACATTCTCTGAATTTCTGGCTAAGCTCCTCACGG	Hs.591054	6328	0.8533625	1.48946083	0.207720211				0.2276625	0.91705965	0.559414285	0.827925	1.21942878	0.267604635	0.711575	0.69081153	0.131481646
BID	NM_197966_b1018_R	AGCTAAAAGTGAGGAGCTTACCAGAACATTCTCTGAATTTCTGGCTAAGCTCCTCACGG	Hs.591054	11704	0.8999125	1.28637568	0.140164449				0.1851125	0.86839774	0.619523323	0.915075	1.30296325	0.254771883	0.724725	0.66648148	0.117925467
BID	NM_197966_b459_R	AGCTAAAAGGCCATGGACTGTGAGGTCAATCTCTTGAATTGACCTCACAGTCCATGGCCGG	Hs.591054	1960	-0.84685	0.64612025	0.03006504				2.4818	0.48861078	0.602021408	0.82185	0.40622285	0.214059498	-0.2596	0.91009838	0.670195456
BID	NM_197966_b459_R	AGCTAAAAGGCCATGGACTGTGAGGTCAATCTCTTGAATTGACCTCACAGTCCATGGCCGG	Hs.591054	7337	-0.83825	0.59556967	0.064356468				2.93655	0.00304056	0.000629273	0.9075	0.43529493	0.208173081	-0.19376667	1.13047623	0.794553473
BID	NM_197966_b459_R	AGCTAAAAGGCCATGGACTGTGAGGTCAATCTCTTGAATTGACCTCACAGTCCATGGCCGG	Hs.591054	12713	-0.81605	0.55744155	0.044112842				3.2175	0.14523973	0.000462005	1.00825	0.35800816	0.156604364	-0.26483333	1.01724447	0.696214179
BIK	NM_001197_b189_R	AGCTAAAAGGACTTCGATTCTTTGGATGTCTCTCTTGAACATTCCAAAGAATCGAAGTCCGG	Hs.475055	2164	-0.3292875	0.72266684	0.333620495				-0.76001667	1.1518379	0.169397988						
BIK	NM_001197_b189_R	AGCTAAAAGGACTTCGATTCTTTGGATGTCTCTCTTGAACATTCCAAAGAATCGAAGTCCGG	Hs.475055	7540	-0.2711875	0.73879629	0.426571917				-1.08535	1.04472773	0.056392923						
BIK	NM_001197_b189_R	AGCTAAAAGGACTTCGATTCTTTGGATGTCTCTCTTGAACATTCCAAAGAATCGAAGTCCGG	Hs.475055	12916	-0.3696625	0.71430339	0.279472575				-0.95388333	1.26002885	0.119120489						
BIK	NM_001197_b362_R	AGCTAAAAGGATGTTCTTAGAAGTTTCATCTCTTGAATGAAACTTCTAAGACATCCCGG	Hs.475055	807							2.2027								
BIK	NM_001197_b362_R	AGCTAAAAGGATGTTCTTAGAAGTTTCATCTCTTGAATGAAACTTCTAAGACATCCCGG	Hs.475055	6183							3.0709								
BIK	NM_001197_b362_R	AGCTAAAAGGATGTTCTTAGAAGTTTCATCTCTTGAATGAAACTTCTAAGACATCCCGG	Hs.475055	11559							3.3002								
BIK	NM_001197_bp914_R	AGCTAAAGAGCAGGAGGTGCTCAATAAATCTCTGAATTTATTGAGCACTCCTGCTCCGG	Hs.475055	808	0.0263375	0.28942392	0.883617818				-0.5595625	0.49371699	0.065820372						
BIK	NM_001197_bp914_R	AGCTAAAGAGCAGGAGGTGCTCAATAAATCTCTGAATTTATTGAGCACTCCTGCTCCGG	Hs.475055	6184	-0.0530875	0.24979382	0.755530811				-0.5445125	0.52673779	0.078746162						
BIK	NM_001197_bp914_R	AGCTAAAGAGCAGGAGGTGCTCAATAAATCTCTGAATTTATTGAGCACTCCTGCTCCGG	Hs.475055	11560	-0.0744375	0.25807528	0.667665708				-0.5274875	0.47293642	0.07408653						
BIRC2	NM_001166_b2295_R	AGCTAAAAGTCGCAATGATGATGTCAAATTCTCTTGAATTTGACATCATATTGCGACGG	Hs.503704	791	-0.0328625	0.81575207	0.926940909				0.4779125	2.37532775	0.595210953						
BIRC2	NM_001166_b2295_R	AGCTAAAAGTCGCAATGATGATGTCAAATTCTCTTGAATTTGACATCATATTGCGACGG	Hs.503704	6167	-0.0355375	0.75383355	0.915590158				0.4675125	2.61079379	0.63417104						
BIRC2	NM_001166_b2295_R	AGCTAAAAGTCGCAATGATGATGTCAAATTCTCTTGAATTTGACATCATATTGCGACGG	Hs.503704	11543	-0.0487875	0.74055887	0.882663548				0.5433875	2.83786958	0.610365593						
BIRC2	NM_001166_bp594_R	AGCTAAAAGGCCTTGGAAATGGGCTTTAATTCTCTTGAAATTAAAGCCCATTTCCAAGGCGG	Hs.503704	792	-0.4815125	0.15311578	0.019464688				-0.3117375	0.37448201	0.210939955						
BIRC2	NM_001166_bp594_R	AGCTAAAAGGCCTTGGAAATGGGCTTTAATTCTCTTGAATTTAAAGCCCATTTCCAAGGCGG	Hs.503704	6168	-0.4693625	0.13324593	0.019759381				-0.2870125	0.38790732	0.250108917						
BIRC2	NM_001166_bp594_R	AGCTAAAAGGCCTTGGAAATGGGCTTTAATTCTCTTGAATTTAAAGCCCATTTCCAAGGCGG	Hs.503704	11544	-0.5070375	0.18178965	0.018250876				-0.3289125	0.35635605	0.183631598					

BMF	NM_033503_bp3285_R	AGCTAAAAGGGTGGAGAATCAGATTTAGATCTCTTGAATCTAAATCTGATTCTCCACCCCG	Hs.591104	6301	0.5180625	0.9492432	2.240421814				-1.1166375	0.73686684	0.011875637	0.373425	0.61118193	0.308973812	0.0444	0.6250611	0.896032037	
BMF	NM_033503_bp3285_R	AGCTAAAAGGGTGGAGAATCAGATTTAGATCTCTTGAATCTAAATCTGATTCTCCACCCCG	Hs.591104	11677	0.4902875	0.9409681	0.259921396				-1.1493125	0.73871526	0.010549326	0.422	0.65765451	0.289522348	0.081425	0.71648408	0.834806491	
BMF	NM_033503_bp484_R	AGCTAAAAGAGGTACAGATTGCCCGAAAGTCTCTTGAACTTTCGGGCAATCTGTACCTCGG	Hs.591104	7652	0.8182															
BMF	NM_033503_bp484_R	AGCTAAAAGAGGTACAGATTGCCCGAAAGTCTCTTGAACTTTCGGGCAATCTGTACCTCGG	Hs.591104	13028	1.0855															
BMP2K	NM_198892_bp1492_R	AGCTAAAAGCAGGGAGATTGGAGATTACATCTCTTGAATGTAATCTCCAATCTCCCTGCGG	Hs.146551	820	0.460625	0.16944677	0.024506842	-0.43385	0.33158539	0.073918744										
BMP2K	NM_198892_bp1492_R	AGCTAAAAGCAGGGAGATTGGAGATTACATCTCTTGAATGTAATCTCCAATCTCCCTGCGG	Hs.146551	6196	0.885775	0.18062623	0.001790299	0.298125	0.40134515	0.218547634										
BMP2K	NM_198892_bp1492_R	AGCTAAAAGCAGGGAGATTGGAGATTACATCTCTTGAATGTAATCTCCAATCTCCCTGCGG	Hs.146551	11572	0.999625	0.15265834	0.000886293	0.31975	0.50898316	0.25402418										
BMP2K	NM_198892_bp569_R	AGCTAAAAGCTGGACAGGTAGTGAATCAATCTCTTGAATTGATTCACTACCTGTCCAGCGG	Hs.146551	7360	-0.461325	0.9729577	0.298419007	-0.1505	0.30740251	0.445284456										
BMP2K	NM_198892_bp569_R	AGCTAAAAGCTGGACAGGTAGTGAATCAATCTCTTGAATTGATTCACTACCTGTCCAGCGG	Hs.146551	12736	0.06955	0.57738858	0.798240638	0.211966667	0.31706899	0.394055686										
BMP2K	NM_198892_bp569_R	AGCTAAAAGCTGGACAGGTAGTGAATCAATCTCTTGAATTGATTCACTACCTGTCCAGCGG	Hs.146551	1984	-1.1611			-0.3214												
BMP2K	NM_198892_bp768_R	AGCTAAAAGTGCCATAATAAATTTCTTATCTCTTGAATAAGAAATTTATTAGTGGCACGG	Hs.146551	821	-0.046	0.2920947	0.799443973	-0.021325	0.42802499	0.926030285										
BMP2K	NM_198892_bp768_R	AGCTAAAAGTGCCATAATAAATTTCTTATCTCTTGAATAAGAAATTTATTAGTGGCACGG	Hs.146551	6197	0.0519	0.18250532	0.738952575	0.13405	0.39427416	0.547600566										
BMP2K	NM_198892_bp768_R	AGCTAAAAGTGCCATAATAAATTTCTTATCTCTTGAATAAGAAATTTATTAGTGGCACGG	Hs.146551	11573	0.062375	0.20157649	0.696615192	0.0395	0.3848781	0.854448624										
BMPR1A	NM_004329_bp1887_R	AGCTAAAAGGAGGGATCGTGGAAGAATACTCTCTTGAAGTATTCTTCCACGATCCCTCCGG	Hs.524477	1748	4.99325	5.97915844	0.110053906	5.1798												
BMPR1A	NM_004329_bp1887_R	AGCTAAAAGGAGGGGATCGTGGAAGAATACTCTCTTGAAGTATTCTTCCACGATCCCTCCGG	Hs.524477	7124	5.59605	6.43508478	0.099930009	5.0119												
BMPR1A	NM_004329_bp1887_R	AGCTAAAAGGAGGGGATCGTGGAAGAATACTCTCTTGAAGTATTCTTCCACGATCCCTCCGG	Hs.524477	12500	3.908916667	3.95710111	0.073174618	1.146	5.94309108	0.702032775										
BMPR1A	NM_004329_bp551_R	AGCTAAAAGCCTCAGCTATACATTTACATTCTCTTGAAATGTAAATGTATAGCTGAGGCGG	Hs.524477	1750	2.427175	3.8884134	0.168491961	0.66315	4.24964104	0.756410192										
BMPR1A	NM_004329_bp551_R	AGCTAAAAGCCTCAGCTATACATTTACATTCTCTTGAAATGTAAATGTATAGCTGAGGCGG	Hs.524477	7126	3.399175	5.19331785	0.151796785	0.72175	4.55298985	0.752512548										
BMPR1A	NM_004329_bp551_R	AGCTAAAAGCCTCAGCTATACATTTACATTCTCTTGAAATGTAAATGTATAGCTGAGGCGG	Hs.524477	12502	3.02275	5.47845018	0.213503104	3.1664												
BMPR1A	NM_004329_bp581_R	AGCTAAAAGGGAGCCTATTTGTTCATCATTCTCTTGAAATGATGAACAAATAGGCTCCCGG	Hs.524477	256	-0.103825	1.71827859	0.884075747	1.5297												
BMPR1A	NM_004329_bp581_R	AGCTAAAAGGGAGCCTATTTGTTCATCATTCTCTTGAAATGATGAACAAATAGGCTCCCGG	Hs.524477	5632	0.370625	0.93457849	0.37846004	0.2479	2.02582092	0.79854403										
BMPR1A	NM_004329_bp581_R	AGCTAAAAGGGAGCCTATTTGTTCATCATTCTCTTGAAATGATGAACAAATAGGCTCCCGG	Hs.524477	11008	-0.211425	1.24110888	0.688198442	0.317633333	2.25634742	0.768667814										
BMPR1B	NM_001203_bp1328_R	AGCTAAAAGCCTGGCTGTTAAATTTATTATCTCTTGAATAATAAATTTAACAAGCCAGGCGG	Hs.480321	174	-0.675975	0.27040206	0.009621538	-0.627825	0.11196054	0.007659946										
BMPR1B	NM_001203_bp1328_R	AGCTAAAAGCCTGGCTGTTAAATTTATTATCTCTTGAATAATAAATTTAACAAGCCAGGCGG	Hs.480321	5550	-0.5311	0.06090162	0.00985617	-0.6005125	0.19802939	0.013459067										
BMPR1B	NM_001203_bp1328_R	AGCTAAAAGCCTGGCTGTTAAATTTATTATCTCTTGAATAATAAATTTAACAAGCCAGGCGG	Hs.480321	10926	-0.701225	0.32980898	0.011799252	-0.5473875	0.30903013	0.033216607										
BMPR1B	NM_001203_bp1422_R	AGCTAAAAGCGAGAGGCTTGAACAGAAATCTCTTGAATTTCTGTTCAAGCTCTCGTCCGG	Hs.480321	175	0.974266667	1.0498232	0.100849596	-0.1442375	0.33910883	0.484057119										
BMPR1B	NM_001203_bp1422_R	AGCTAAAAGCGAGAGGCTTGAACAGAAATCTCTTGAATTTCTGTTCAAGCTCTCGTCCGG	Hs.480321	5551	0.986033333	1.01347513	0.090959643	-0.1122625	0.40851459	0.619740067										
BMPR1B	NM_001203_bp1422_R	AGCTAAAAGGACGAGAGCTTGAACAGAAATCTCTTGAATTTCTGTTCAAGCTCTCGTCCGG	Hs.480321	10927	0.964666667	0.98596106	0.090587645	-0.0521125	0.37038611	0.804806961										
BMPR1B	NM_001203_bp1643_R	AGCTAAAAGGAGCAGTGATGAGTGTCTAATCTCTTGAATTAGACACTCATCACTGCTCCGG	Hs.480321	176	7.162925	2.91202865	0.001444721	0.9327875	1.04145584	0.096086122										
BMPR1B	NM_001203_bp1643_R	AGCTAAAAGGAGCAGTGATGAGTGTCTAATCTCTTGAATTAGACACTCATCACTGCTCCGG	Hs.480321	5552	7.172475	3.23859269	0.002300837	0.9474375	1.09358379	0.103376496										
BMPR1B	NM_001203_bp1643_R	AGCTAAAAGGAGCAGTGATGAGTGTCTAATCTCTTGAATTAGACACTCATCACTGCTCCGG	Hs.480321	10928	6.704975	1.96364005	0.000325813	1.0214375	1.14697413	0.095665401										
BMPR2	NM_001204_bp1504_R	AGCTAAAAGCCGTCTTGCTCATTCTGTTATCTCTTGAATAACAGAATGAGCAAGACGGCCG	Hs.471119	1545	-0.867725	0.11074326	0.001394209	-0.4656125	0.16445357	0.027843531										
BMPR2	NM_001204_bp1504_R	AGCTAAAAGCCGTCTTGCTCATTCTGTTATCTCTTGAATAACAGAATGAGCAAGACGGCCG	Hs.471119	6921	-0.87745	0.07377979	0.001165036	-0.5037375	0.18726221	0.023691006										
BMPR2	NM_001204_bp1504_R	AGCTAAAAGCCGTCTTGCTCATTCTGTTATCTCTTGAATAACAGAATGAGCAAGACGGCCG	Hs.471119	12297	-0.770725	0.14137764	0.002711573	-0.203275	0.13306494	0.212625091										
BMPR2	NM_001204_bp1840_R	AGCTAAAAGGGAGATATTTATGAGATGTATCTCTTGAAATCATCTCATAAAATATCTCCCGG	Hs.471119	177	0.11605	0.16193823	0.455873266	-0.3552875	0.16218652	0.063529166										
BMPR2	NM_001204_bp1840_R	AGCTAAAAGGGAGATATTTATGAGATGTATCTCTTGAATCATCTCATAAAATATCTCCCGG	Hs.471119	5553	0.220025	0.22484096	0.11962144	-0.3679375	0.19413383	0.065017937										
BMPR2	NM_001204_bp1840_R	AGCTAAAAGGGAGATATTTATGAGATGTATCTCTTGAATCATCTCATAAAATATCTCCCGG	Hs.471119	10929	0.264525	0.24490845	0.159618109	-0.3096375	0.17983425	0.097666544										
BMPR2	NM_001204_bp3289_R	AGCTAAAAGCTGGCCGAACTAATCCAATATCTCTTGAATATTGGAATTAGTTCGGCCACGG	Hs.471119	178	0.72575	0.41058742	0.016402256	0.2837375	0.2880198	0.171549734										
BMPR2	NM_001204_bp3289_R	AGCTAAAAGCTGGCCGAACTAATCCAATATCTCTTGAATATTGGAATTAGTTCGGCCACGG	Hs.471119	5554	0.8413	0.38910013	0.008109433	0.3235375	0.23758215	0.10776351										
BMPR2	NM_001204_bp3289_R	AGCTAAAAGTGGCCGAACTAATCCAATATCTCTTGAATATTGGAATTAGTTCGGCCACGG	Hs.471119	10930	0.710775	0.36380619	0.01363961	0.3065875	0.2709144	0.137625031										
BMX	NM_001721_bp1050_R	AGCTAAAAGCTTATGGTTAGAAATTCTCTTGAATTTCTAACCATAAATGCTCCCGG	Hs.495731	1637	1.3142	0.53021798	0.00286361	0.0346625	0.19861764	0.83006939										
BMX	NM_001721_bp1050_R	AGCTAAAAGGAGCATTTATGGTTAGAAATTCTCTTGAATTTCTAACCATAAATGCTCCGG	Hs.495731	7013	1.3244	0.54161844	0.002960297	-0.0109875	0.21109913	0.946595251										
BMX	NM_001721_bp1050_R	AGCTAAAAGGAGCATTTATGGTTAGAAATTCTCTTGAATTTCTAACCATAAATGCTCCGG	Hs.495731	12389	1.370275	0.58305607	0.0032358	0.0469375	0.22356026	0.779732569										
BMX	NM_001721_bp1414_R	AGCTAAAAGCAGTATGATGTTGCTGTTATCTCTTGAATAACAGCAACATCATACTGCCGG	Hs.495731	85	0.6941	0.24447627	0.007425221	0.2379625	0.11340071	0.149546464										
BMX	NM_001721_bp1414_R	AGCTAAAAGCAGTATGATGTTGCTGTTATCTCTTGAATAACAGCAACATCATACTGCCGG	Hs.495731	5461	0.74985	0.27844902	0.006615535	0.2444125	0.12851418	0.146230863										
BMX	NM_001721_bp1414_R	AGCTAAAAGGCAGTATGATGTTGCTGTTATCTCTTGAATAACAGCAACATCATACTGCCGG	Hs.495731	10837	0.803425	0.24430326	0.004011415	-0.3300875	1.29992948	0.574836797										
BMX	NM_001721_bp1446_R	AGCTAAAAGCTCCATGTCAAGAAATCTCTTGAATCTTCTGACATGGAGCCCTCCGG	Hs.495731	86	0.6606	1.85904235	0.441218373	0.7015625	0.69924408	0.081282182										
BMX	NM_001721_bp1446_R	AGCTAAAAGGGGCTCCATGTCAGAAGATCTCTTGAATCTTCTGACATGGAGCCCTCCGG	Hs.495731	5462	0.6433	1.74740739	0.428507233	0.6952125	0.73888252	0.093844893										
BMX	NM_001721_bp1446_R	AGCTAAAAGGGGCTCCATGTCAGAAGATCTCTTGAATCTTCTGACATGGAGCCCTCCGG	Hs.495731	10838	0.679333333	1.84244898	0.426740702	0.8089625	0.76688008	0.050410003										
BNIP3	BMY99844_bp201_R	AGCTAAAAGAACTGCACTCTCAGCAAGAATATCTCTTGAATATTTGCTGAAGTGCAGTTCGG	Hs.144873	2126	1.4377875	0.37794415	0.000713861				-0.3133625	0.64029814	0.317756819							
BNIP3	BMY99844_bp201_R	AGCTAAAAGAACTGCACTCTCAGCAGAATATCTCTTGAATATTTGCTGAAGTGCAGTTCGG	Hs.144873	7502	1.4341125	0.42420278	0.000989438				-0.3579125	0.69434263	0.281633192							
BNIP3	BMY99844_bp201_R	AGCTAAAAGAACTGCACTCTCAGCAGAATATCTCTTGAATATTTGCTGAAGTGCAGTTCGG	Hs.144873	12878	1.3941875	0.42750148	0.001151322				-0.3446375	0.69156867	0.296917844							
BNIP3	BMY99844_bp669_R	AGCTAAAAGGCCATCGGATTGGGGATCTATTTCTTTGAAATAGATCCCCAATCCGATGGCCGG	Hs.144873	787	-0.3913125	0.53522421	0.169558318				-2.051275	0.0142482	0.000258445							
BNIP3	BMY99844_bp669_R	AGCTAAAAGGCCATCGGATTGGGGATCTATTTCTTTGAAATAGATCCCCAATCCGATGGCCGG	Hs.144873	6163	-0.4553875	0.53733346	0.121675169				-2.233175	0.14767925	0.001925059							
BNIP3	BMY99844_bp669_R	AGCTAAAAGGCCATCGGATTGGGGATCTATTTCTTTGAAATAGATCCCCAATCCGATGGCCGG	Hs.144873	11539	-0.4384625	0.50789859	0.121069482				-2.239225	0.30402056	0.002234203							
BNIP3	BMY99844_bp830_R	AGCTAAAAGGGTTATTTGTTCTGGAAATGTCTCTTGAACATTTCCAGAACAAATAACCCGG	Hs.144873	2128	1.2245875	0.53787916	0.004068731				0.1512	0.4275171	0.605922641							
BNIP3	BMY99844_bp830_R	AGCTAAAAGGGTTATTTGTTCTGGAAATGTCTCTTGAACATTTCCAGAACAAATAACCCGG	Hs.144873	7504	1.93205	0.81171985	0.006377614													
BNIP3	BMY99844_bp830_R	AGCTAAAAGGGTTATTTGTTCTGGAAATGTCTCTTGAACATTTCCAGAACAAATAACCCGG	Hs.144873	12880	2.10345	0.77103249	0.004044568													
BNIP3L	NM_004331_bp387_R	AGCTAAAAGAGGCAGTTCTCACTGTGACATCTCTTGAATGTCACAGTGAGAACTGCCTCGG	Hs.131226	840	1.7927125	0.87546713	0.004259192				-0.8800125	0.90104525	0.051394609							
BNIP3L	NM_004331_bp387_R	AGCTAAAAGAGGCAGTTCTCACTGTGACATCTCTTGAATGTCACAGTGAGAACTGCCTCGG	Hs.131226	6216	1.7989375	0.91485316	0.00494674				-0.8702625	0.91984128	0.056115459							
BNIP3L	NM_004331_bp387_R	AGCTAAAAGAGGCAGTTCTCACTGTGACATCTCTTGAATGTCACAGTGAGAACTGCCTCGG	Hs.131226	11592	1.7987125	0.92345363	0.00512542				-0.9048875	0.91338346	0.048464457							
BNIP3L	NM_004331_bp466_R	AGCTAAAAGGACCATAGCTCTCAGTCAGATCTCTTGAATCTGACTGAGAGCTATGTGTCCGG	Hs.131226	853	0.1505625	0.29048761	0.419534269				-0.1148625	0.43176903	0.642673815							
BNIP3L	NM_004331_bp466_R	AGCTAAAAGGACCATAGCTCTCAGTCAGATCTCTTGAATCTGACTGAGAGCTATGTGTCCGG	Hs.131226	6229	0.1182625	0.32143014	0.538754134				-0.0504625	0.43245052	0.837369668							
BNIP3L	NM_004331_bp466_R	AGCTAAAAGGACCATAGCTCTCAGTCAGATCTCTTGAATCTGACTGAGAGCTATGTGTCCGG	Hs.131226	11605	0.1232625	0.33469872	0.530293922				-0.1004875	0.38439587	0.670695961							
BNIP3L	NM_004331_bp728_R	AGCTAAAAGGGCTAGGCATCTATATTGGATCTCTTGAATCCAATATAGATGCCTAGCCCGG	Hs.131226	854	0.1265125	0.80353124	0.72235991				-1.5315875	1.43429189	0.028146684							
BNIP3L	NM_004331_bp728_R	AGCTAAAAGGGCTAGGCATCTATATTGGATCTCTTGAATCCAATATAGATGCCTAGCCCGG	Hs.131226	6230	0.0790625	0.84306962	0.830540735				-1.6699625	1.54484212	0.0260667							
BNIP3L	NM_004331_bp728_R	AGCTAAAAGGGCTAGGCATCTATATTGGATCTCTTGAATCCAATATAGATGCCTAGCCCGG	Hs.131226	11606	0.1142875	0.81242826	0.750182298				-1.6483875	1.50618594	0.025105246							
BOK	NM_032515_bp1979_R	AGCTAAAAGCTGGTTGCTTAATCCGTTTCTCTCTTGAAGAAACGGATTAAGCAACCAGCGG	Hs.293753	904	-0.6679625	0.55618067	0.04465101				1.0524375	1.79324516	0.158273503	0.085725	0.49838497	0.753538534	-0.15375	0.36508349	0.461482351	
BOK	NM_032515_bp1979_R	AGCTAAAAGCTGGTTGCTTAATCCGTTTCTCTCTTGAAGAAACGGATTAAGCAACCAGCGG	Hs.293753	6280	-0.6386375	0.51129254	0.044279512				0.9781875	1.78256795	0.182901196	-0.019625	0.32027943	0.910212727	-0.171675	0.14778751	0.102779239	
BOK	NM_032515_bp1979_R	AGCTAAAAGCTGGTTGCTTAATCCGTTTCTCTCTTGAAGAAACGGATTAAGCAACCAGCGG	Hs.293753	11656	-0.5833125	0.50382257	0.054703077				0.9096875	1.59700971	0.17250599	-0.013775	0.1933224	0.895711498	-0.151125	0.19779254	0.223942362	
BOK	NM_032515_bp607_R	AGCTAAAAGGCAAGGTGGTGTCCCTGTATTTCTCTTGAAATACAGGGACACCACCTTGCCGG	Hs.293753	2268	1.1160375	0.61377434	0.009031593				1.0323375	1.12028199	0.053624276	0.188825	0.54236687	0.536339782	0.66555	0.3257082	0.026474395	
BOK	NM_032515_bp607_R	AGCTAAAAGGCAAGGTGGTGTCCCTGTATTTCTCTTGAAATACAGGGACACCACCTTGCCGG	Hs.293753	7644	1.1300625	0.62220235	0.000961224				0.8898375	1.1267279	0.085798063	-0.148375	0.42157416	0.53206849	0.29615	0.42953273	0.26173856	
BOK	NM_032515_bp607_R	AGCTAAAAGGCAAGGTGGTGTCCCTGTATTTCTCTTGAAATACAGGGACACCACCTTGCCGG	Hs.293753	13020	1.1314125	0.58891852	0.007514359				0.9840125	1.21626598	0.077175518	-0.155375	0.54721125	0.609839047	0.29105	0.4145815	0.254916259	
BOK	NM_032515_bp755_R	AGCTAAAAGTGGACTGATGTCCTAAGTTCTCTTGAAACTTGAAGGACATCACGTCCATCGG	Hs.293753	905	0.4189625	0.83299859	0.282110094				-0.4291875	1.60643036	0.320025197	-1.251975	0.75745547	0.045537191	0.392375	0.27394916	0.064334957	
BOK	NM_032515_bp755_R	AGCTAAAAGATGGACTGATGTCCTAAGTTCTCTTGAAACTTGAAGGACATCACGTCCATCGG	Hs.293753	6281	0.3726375	0.85232843	0.340604548				-0.06911667	0.61177509	0.836125825	-1.221275	0.81356158	0.05756367	0.40375	0.33522461	0.09511664	
BOK	NM_032515_bp755_R	AGCTAAAAGATGGACTGATGTCCTAAGTTCTCTTGAAACTTGAAGGACATCACGTCCATCGG	Hs.293753	11657	0.3640875	0.80359368	0.328607693				-0.5677125	1.06528269	0.219631893	1.273575	0.81506988	0.052265224	0.42525	0.29775223	0.064767788	
BPNT1	NM_006085_bp195_R	AGCTAAAAGTTGGTAGCCTCCGCATATTCTCTCTTGAAGAATATGCGGAGGCTACCAACGG	Hs.406134	3437	0.11505	0.63012314	0.693876188				-0.1232375	0.76895902	0.716976039	0.631525	0.61344177	0.113627565	0.46	0.48305301	0.152943936	
BPNT1	NM_006085_bp195_R	AGCTAAAAGTTGGTAGCCTCCGCATATTCTCTCTTGAAGAATATGCGGAGGCTACCAACGG	Hs.406134	8813	0.131825	0.45358703	0.571549272				0.3276125	0.33507539	0.177927059	0.67115	0.65050987	0.131060726	0.524725	0.45017646	0.102036413	
BPNT1	NM_006085_bp195_R	AGCTAAAAGTTGGTAGCCTCCGCATATTCTCTCTTGAAGAATATGCGGAGGCTACCAACGG	Hs.406134	14189	0.15475	0.15728285	0.32753957				-0.0169375	0.66892413	0.956187609	0.71655	0.66954105	0.121841341	0.5169	0.37411905	0.069959478	
BPNT1	NM_006085_bp544_R	AGCTAAAAGAAGGCTTCTTCTGACAATGTATCTCTTGAATACATTGTCAAGAAGACCTTCGG	Hs.406134	3433	0.58	0.07672426	0.007161201				0.0688875	0.3389754	0.760328745	1.066925	0.59025761	0.036372248	0.095625	0.1745115	0.353210777	
BPNT1	NM_006085_bp544_R	AGCTAAAAGAAGGCTTCTTCTGACAATGTATCTCTTGAATACATTGTCAAGAAGACCTTCGG	Hs.406134	8809	0.64215	0.11016177	0.005218319				0.0691625	0.35025061	0.761748542	1.045125	0.57820547	0.036373582	0.102075	0.25994453	0.489556287	
BPNT1	NM_006085_bp544_R	AGCTAAAAGAAGGCTTCTTCTGACAATGTATCTCTTGAATACATTGTCAAGAAGACCTTCGG	Hs.406134	14185	0.718075	0.11692963	0.003319049				0.1399625	0.27490683	0.518642404	1.062375	0.50843425	0.024960914	0.1347	0.26568833	0.385265912	
BPNT1	NM_006085_bp824_R	AGCTAAAAGAGCAGGAAATAAGATTATTCTCTTGAAGAATATCTTATTTCCTGCTCGG	Hs.406134	3435	-0.692575	0.27708036	0.009078093				-0.2351875	0.16187507	0.258909689	0.51865	0.67866076	0.223864479	0.3425	0.38199891	0.170840071	
BPNT1	NM_006085_bp824_R	AGCTAAAAGAGCAGGAAATAAGATTATTCTCTTGAAGAATATCTTATTTCCTGCTCGG	Hs.406134	8811	-0.71375	0.26900497	0.007656657				-0.1411125	0.13933377	0.477926282	0.5476	0.71550489	0.223350263	0.2782	0.4050618	0.263208761	
BPNT1	NM_006085_bp824_R	AGCTAAAAGAGCAGGAAATAAGATTATTCTCTTGAAGAATATCTTATTTCCTGCTCGG	Hs.406134	14187	-0.658125	0.24658782	0.009329731				-0.0436875	0.15000969	0.823580637	0.475875	0.65492237	0.242116327	0.33305	0.39179689	0.1876686	
BRAF	NM_004333_bp1157_R	AGCTAAAAGCTCCCAATGTGCATAATAAACTCTCTTGAAGTTTATATGCACATTGGGAGCGG	Hs.490366	1752	2.60025			-3.6355												
BRAF	NM_004333_bp1157_R	AGCTAAAAGCTCCCAATGTGCATAATAAACTCTCTTGAAGTTTATATGCACATTGGGAGCGG	Hs.490366	7128	3.34425			-4.2442												
BRAF	NM_004333_bp1157_R	AGCTAAAAGCTCCCAATGTGCATAATAAACTCTCTTGAAGTTTATATGCACATTGGGAGCGG	Hs.490366	12504	4.92035			-0.0657	6.55502128	0.983847673										
BRAF	NM_004333_bp270_R	AGCTAAAAGGGAGCATAATCCACCATCAATCTCTTGAATTGATGGGTGGATTATGCTCCCGG	Hs.490366	778	-1.228466667	6.0920542	0.647230385													
BRAF	NM_004333_bp270_R	AGCTAAAAGGGAGCATAATCCACCATCAATCTCTTGAATTGATGGGTGGATTATGCTCCCGG	Hs.490366	7154	-0.714866667	7.28268665	0.82169293													
BRAF	NM_004333_bp270_R	AGCTAAAAGGGAGCATAATCCACCATCAATCTCTTGAATTGATGGGTGGATTATGCTCCCGG	Hs.490366	12530	-0.506133333	7.82668212	0.881713395													
BRAF	NM_004333_bp887_R	AGCTAAAAGTTCCACTGATGTGTGTTAATTCTCTTGAAATTAACACACATCAGTGGAACGG	Hs.490366	257	0.276425	3.22777006	0.834328526	-0.751566667	2.59993233	0.553037867										
BRAF	NM_004333_bp887_R	AGCTAAAAGTTCCACTGATGTGTGTTAATTCTCTTGAAATTAACACACATCAGTGGAACGG	Hs.490366	11009	0.5237	2.80423399	0.65171765	-1.5642	4.28670284	0.458177141										
BRAF	NM_004333_bp887_R	AGCTAAAAGTTCCACTGATGTGTGTTAATTCTCTTGAAATTAACACACATCAGTGGAACGG	Hs.490366	5633	1.04455	5.62012124	0.672649097	-1.4008	3.74498742	0.448455599										
BRCA1	NM_007295_bp1505_R	AGCTAAAAGTTCCTTGGATAACACAAATCTCTTGAATTTAGTGTTATCCAAGGAACGG	Hs.194143	1272	-0.5227625	0.3467267	0.029724726				-0.148575	0.28547349	0.510563532							
BRCA1	NM_007295_bp1505_R	AGCTAAAAGTTCCTTGGATAACACAAATCTCTTGAATTTAGTGTTATCCAAGGAACGG	Hs.194143	6648	-0.3642375	0.66133579	0.219799871				-0.2071	0.32553944	0.378604349							
BRCA1	NM_007295_bp1505_R	AGCTAAAAGTTCCTTGGATAACACAAATCTCTTGAATTTAGTGTTATCCAAGGAACGG	Hs.194143	12024	-0.5256375	0.32707107	0.026348693				-0.10905	0.29531247	0.631620736							
BRCA1	NM_007295_bp1880_R	AGCTAAAAGAGCGTCCCCTCACAAATAAATCTCTTGAATTTATTTGTGAGGGGACGCTCGG	Hs.194143	1271	0.1928875	0.6275578	0.59628777				-0.533225	0.37289796	0.053283063							
BRCA1	NM_007295_bp1880_R	AGCTAAAAGAGCGTCCCCTCACAAATAAATCTCTTGAATTTATTTGTGAGGGGACGCTCGG	Hs.194143	6647	0.1563875	0.54685376	0.651500707				-0.55935	0.43153763	0.054350475							
BRCA1	NM_007295_bp1880_R	AGCTAAAAGAGCGTCCCCTCACAAATAAATCTCTTGAATTTATTTGTGAGGGGACGCTCGG	Hs.194143	12023	0.1567625	0.52468418	0.641123228				-0.55955	0.47658811	0.062426403							
BRCA1	NM_007295_bp3560_R	AGCTAAAAGGCTCCAGTATTAATGAAATATCTCTTGAATTTTCATTAATACTGGAGCCGG	Hs.194143	2603	-0.3786625	0.95529104	0.336933139				-0.045925	0.39671364	0.859963934							
BRCA1	NM_007295_bp3560_R	AGCTAAAAGGCTCCAGTATTAATGAAATATCTCTTGAATTTTCATTAATACTGGAGCCGG	Hs.194143	7979	0.0518375	0.38541897	0.945448316				-0.0135	0.1877144	0.861368879							
BRCA1	NM_007295_bp3560_R	AGCTAAAAGGCTCCAGTATTAATGAAATATCTCTTGAATTTTCATTAATACTGGAGCCGG	Hs.194143	13355	-0.0133625	0.33418114	0.79138964				0.0135	0.18762326	0.93136984							
BRCA2	NM_000059_bp3040_R	AGCTAAAAGCAACCCAAGTGTCAATTAAATCTCTTGAATTTTAATGACATTGGGTTGCCGG	Hs.3412	1270	0.2604875	0.36327754	0.29689465				0.14465	0.26399223	0.489124434							
BRCA2	NM_000059_bp3040_R	AGCTAAAAGCAACCCAAGTGTCAATTAAATCTCTTGAATTTTAATGACATTGGGTTGCCGG	Hs.3412	6646	0.2095125	0.41414676	0.442747284				0.16025	0.30169729	0.46005017							
BRCA2	NM_000059_bp3040_R	AGCTAAAAGCAACCCAAGTGTCAATTAAATCTCTTGAATTTTAATGACATTGGGTTGCCGG	Hs.3412	12022	0.2842625	0.40236847	0.278275598				0.1936	0.23962251	0.357028511							
BRCA2	NM_000059_bp9198_R	AGCTAAAAGCGTCCAT

BRSK1	NM_032430_bp1417_R	AGCTAAAAGCGTGTGGATTCTCCCATGCCTTCTCTTGAAAGCATGGGAGAATCCACACGCGGG	Hs.18281	2017																
BRSK1	NM_032430_bp359_R	AGCTAAAAGCCCAATATGTGGGCCCCTATTCTCTTGAAATAGGGGCCCACATATTGGGCGG	Hs.18281	753	-0.614975	0.12920576	0.00674134	-0.27055	0.48255544	0.308098991										
BRSK1	NM_032430_bp359_R	AGCTAAAAGCCCAATATGTGGGCCCCTATTCTCTTGAAATAGGGGCCCACATATTGGGCGG	Hs.18281	6129	-0.631725	0.12776933	0.005993124	-0.250325	0.60932756	0.417015661										
BRSK1	NM_032430_bp359_R	AGCTAAAAGCCCAATATGTGGGCCCCTATTCTCTTGAAATAGGGGCCCACATATTGGGCGG	Hs.18281	11505	-0.490875	0.37763764	0.053249333	-0.009975	0.8505289	0.979674006										
BRSK1	NM_032430_bp622_R	AGCTAAAAGGGTGAGCTATTCGACTACCTTCTCTTGAAAGGTAGTCGAATAGCTCACCCGG	Hs.18281	754	-0.720825	0.49213912	0.025763384	-0.2396	0.29578395	0.23931403										
BRSK1	NM_032430_bp622_R	AGCTAAAAGGGTGAGCTATTCGACTACCTTCTCTTGAAAGGTAGTCGAATAGCTCACCCGG	Hs.18281	6130	-0.694575	0.54751969	0.03787503	-0.130025	0.27135371	0.482751869										
BRSK1	NM_032430_bp622_R	AGCTAAAAGGGTGAGCTATTCGACTACCTTCTCTTGAAAGGTAGTCGAATAGCTCACCCGG	Hs.18281	11506	-0.141075	1.21034071	0.78303101	-0.093975	0.15671282	0.545994973										
BST2	NM_004335_bp12_R	AGCTAAAAGGCATCTACTTCGTATGACTATCTCTTGAATACGTCATACGAAGTAGATGCCGG	Hs.118110	2765	-0.373775	0.13162108	0.04319								0.026175	0.32854016	0.906544169			
BST2	NM_004335_bp12_R	AGCTAAAAGGCATCTACTTCGTATGACTATCTCTTGAATACGTCATACGAAGTAGATGCCGG	Hs.118110	8141	-0.3677	0.14540291	0.047672237								0.003925	0.32937329	0.985956661			
BST2	NM_004335_bp12_R	AGCTAAAAGGCATCTACTTCGTATGACTATCTCTTGAATACGTCATACGAAGTAGATGCCGG	Hs.118110	13517	-0.294375	0.15229334	0.092878439								0.044625	0.30239609	0.837967159			
BST2	NM_004335_bp358_R	AGCTAAAAGAGGGAGAGATCACTACATTATCTCTTGAATAATGTAGTGATCTCTCCCTCGG	Hs.118110	2763	-0.170575	0.12818878	0.272704383								0.019525	0.23194225	0.924499224			
BST2	NM_004335_bp358_R	AGCTAAAAGAGGGAGAGATCACTACATTATCTCTTGAATAATGTAGTGATCTCTCCCTCGG	Hs.118110	8139	-0.408	0.42395897	0.107940981								0.13695	0.19736066	0.504255607			
BST2	NM_004335_bp358_R	AGCTAAAAGAGGGAGAGATCACTACATTATCTCTTGAATAATGTAGTGATCTCTCCCTCGG	Hs.118110	13515	-0.03655	0.40585208	0.86439816								0.13915	0.17537979	0.492009514			
BST2	NM_004335_bp603_R	AGCTAAAAGCTTGAACATTCCCTTGATCTTCTCTTGAAAGATCAAGGGAATGTTCAAGCGG	Hs.118110	2767	1.614375	0.23834469	0.000155132								1.180425	0.69720412	0.007891326			
BST2	NM_004335_bp603_R	AGCTAAAAGCTTGAACATTCCCTTGATCTTCTCTTGAAAGATCAAGGGAATGTTCAAGCGG	Hs.118110	8143	1.7632	0.58325216	0.00104678								1.10775	0.53363849	0.005128542			
BST2	NM_004335_bp603_R	AGCTAAAAGCTTGAACATTCCCTTGATCTTCTCTTGAAAGATCAAGGGAATGTTCAAGCGG	Hs.118110	13519	1.70125	0.18973702	8.76E-05								1.022325	0.54509752	0.007840572			
BTBD12	AB058687_bp114_R	AGCTAAAAGCCCACAAGTTCGTGCTTTATTCTCTTGAAATAAAGCACGAACTTGTGGGCGG	Hs.513297	4884	-0.7775875	0.3513251	0.008887067	0.2127375	0.6853684	0.523983411										
BTBD12	AB058687_bp114_R	AGCTAAAAGCCCACAAGTTCGTGCTTTATTCTCTTGAAATAAAGCACGAACTTGTGGGCGG	Hs.513297	10260	-0.8331875	0.29322391	0.004657652	0.1331875	0.46702506	0.5907232										
BTBD12	AB058687_bp114_R	AGCTAAAAGCCCACAAGTTCGTGCTTTATTCTCTTGAAATAAAGCACGAACTTGTGGGCGG	Hs.513297	15636	-0.5402625	0.24912676	0.020226104	0.3928125	0.3629357	0.108415737										
BTBD12	AB058687_bp1403_R	AGCTAAAAGAGGTCCGATCTCAGAAATCTCTCTTGAAGATTTCTGAGATCTGGAGCTCGG	Hs.513297	4888	0.7910125	0.55061578	0.024559045	0.4445875	0.51782426	0.139150237										
BTBD12	AB058687_bp1403_R	AGCTAAAAGAGGTCCGATCTCAGAAATCTCTCTTGAAGATTTCTGAGATCTGGAGCTCGG	Hs.513297	10264	0.8007625	0.50819292	0.01907436	0.4080875	0.55126871	0.183007911										
BTBD12	AB058687_bp1403_R	AGCTAAAAGAGGTCCGATCTCAGAAATCTCTCTTGAAGATTTCTGAGATCTGGAGCTCGG	Hs.513297	15640	1.0159875	0.58160962	0.011154973	0.4886875	0.40255241	0.072292839										
BTBD12	AB058687_bp2687_R	AGCTAAAAGATGCCACAGTATTCCATTATTCTCTTGAAATAATGGAATACTGTGGCATCGG	Hs.513297	4886	0.0987375	0.2481877	0.566540583	0.2266625	0.32474454	0.280833278										
BTBD12	AB058687_bp2687_R	AGCTAAAAGATGCCACAGTATTCCATTATTCTCTTGAAATAATGGAATACTGTGGCATCGG	Hs.513297	10262	0.1540125	0.27594965	0.460334902	0.2059875	0.35801265	0.344862774										
BTBD12	AB058687_bp2687_R	AGCTAAAAGATGCCACAGTATTCCATTATTCTCTTGAAATAATGGAATACTGTGGCATCGG	Hs.513297	15638	0.2993625	0.23350853	0.115984548	0.4729625	0.20344762	0.031538018										
BTK	NM_000061_bp1149_R	AGCTAAAAGGGTGATACGTCATTATGTTGTCTCTTGAACAACATAATGACGTATCACCCGG	Hs.159494	5450	-0.57745	0.17669313	0.010804689	-0.2461125	0.35414534	0.265873319										
BTK	NM_000061_bp1149_R	AGCTAAAAGGGTGATACGTCATTATGTTGTCTCTTGAACAACATAATGACGTATCACCCGG	Hs.159494	10826	-0.4936	0.33258083	0.042320682	-0.1562875	0.24116146	0.384514723										
BTK	NM_000061_bp1149_R	AGCTAAAAGGGTGATACGTCATTATGTTGTCTCTTGAACAACATAATGACGTATCACCCGG	Hs.159494	74	-0.814533333	0.27134453	0.015114913	-0.2659125	0.28905919	0.195238121										
BTK	NM_000061_bp430_R	AGCTAAAAGAGGCAAATTTCAATCATTGATCTCTTGAATCAATGATTGAAATTTGCTCCGG	Hs.159494	76	0.70795	1.1938031	0.199597082	-0.6800375	0.21848205	0.009484658										
BTK	NM_000061_bp430_R	AGCTAAAAGAGGCAAATTTCAATCATTGATCTCTTGAATCAATGATTGAAATTTGCTCCGG	Hs.159494	5452	0.493575	1.44188043	0.427784545	-0.6570125	0.36486449	0.024296544										
BTK	NM_000061_bp430_R	AGCTAAAAGAGGCAAATTTCAATCATTGATCTCTTGAATCAATGATTGAAATTTGCTCCGG	Hs.159494	10828	0.89695	1.31127322	0.146992657	-0.5325625	0.35721846	0.045964509										
BTRC	NM_033637_bp1298_R	AGCTAAAAGATGGTGACCTGCTCCAAAGATCTCTTGAATCTTTGGAGCAGGTCACCATCGG	Hs.591927	2389	0.159275	0.47452379	0.376447348								-0.7124125	0.25909986	0.015938184			
BTRC	NM_033637_bp1298_R	AGCTAAAAGATGGTGACCTGCTCCAAAGATCTCTTGAATCTTTGGAGCAGGTCACCATCGG	Hs.591927	7765	0.066775	0.67025772	0.687665832								-0.7006875	0.48039769	0.037362075			
BTRC	NM_033637_bp1298_R	AGCTAAAAGATGGTGACCTGCTCCAAAGATCTCTTGAATCTTTGGAGCAGGTCACCATCGG	Hs.591927	13141	0.106325	0.67015426	0.598499195								-0.6397375	0.51621096	0.058368943			
BTRC	NM_033637_bp1395_R	AGCTAAAAGTGCATGTTTACGAGTGTTATCTCTTGAATACACTCTGAAACATGCACCGG	Hs.591927	1385	0.099	0.18946214	0.340320622								0.9931875	0.16970141	0.001475903			
BTRC	NM_033637_bp1599_R	AGCTAAAAGGTGCATGTTTACGAGTGTTATCTCTTGAATAACACTCTGAAACATGCACCGG	Hs.591927	6761	0.028175	0.16432365	0.583613179								0.9775375	0.30893874	0.002675922			
BTRC	NM_033637_bp1599_R	AGCTAAAAGGTGCATGTTTACGAGTGTTATCTCTTGAATAACACTCTGAAACATGCACCGG	Hs.591927	12137	-0.009875	0.21143925	0.771592348								0.9522375	0.26246759	0.002511372			
BTRC	NM_033637_bp1638_R	AGCTAAAAGTGCGTTGTATTCGATTTGATTCTCTTGAAATCAATCGAATACACGCACGG	Hs.591927	2387	-0.733825	0.23975142	0.007713625								-0.4663625	0.22124844	0.072619015			
BTRC	NM_033637_bp1638_R	AGCTAAAAGTGCGTTGTATTCGATTTGATTCTCTTGAAATCAATCGAATACACGCACGG	Hs.591927	7763	-0.658525	0.17003391	0.008918688								-0.5364125	0.20163474	0.042660239			
BTRC	NM_033637_bp1638_R	AGCTAAAAGTGCGTTGTATTCGATTTGATTCTCTTGAAATCAATCGAATACACGCACGG	Hs.591927	13139	-0.77225	0.31854229	0.009850195								-0.5564625	0.25213486	0.041973878			
BUB1	NM_004336_bp2041_R	AGCTAAAAGCGCTTGTCGTCTCACATGTATCTCTTGAATCATGTGAGACGACAAGGCCGG	Hs.469649	258	0.69035	1.43184577	0.278730996	1.43												
BUB1	NM_004336_bp2041_R	AGCTAAAAGCCCTTGTCGTCTCACATGTATCTCTTGAATCATGTGAGACGACAAGGCCGG	Hs.469649	5634	0.824716667	2.31544421	0.437692707	1.588166667	5.1236067	0.523225773										
BUB1	NM_004336_bp2041_R	AGCTAAAAGGCCCTTGTCGTCTCACATGTATCTCTTGAATCATGTGAGACGACAAGGCCGG	Hs.469649	11010	0.55745	2.11568147	0.55986737	1.646033333	5.70665052	0.555099964										
BUB1	NM_004336_bp2549_R	AGCTAAAAGGACCCAGTTGATGGAAGATCTCTTGAATCTTTCCATCAACTGGGTTCCCGG	Hs.469649	5635	4.7168	1.85655085	0.001301796	4.5366	3.39454741	0.045679871										
BUB1	NM_004336_bp2549_R	AGCTAAAAGGACCCAGTTGATGGAAGATCTCTTGAATCTTTCCATCAACTGGGTTCCCGG	Hs.469649	11011	1.329975	0.63901572	0.004979019	3.1719	1.75226896	0.020195769										
BUB1	NM_004336_bp3249_R	AGCTAAAAGGGCCCTACGTAATAGGCTAATCTCTTGAATTAGCCTATTACGTAGGGCCCGG	Hs.469649	1780	0.7233	1.52665065	0.284847271	1.400033333	1.1082412	0.066618997										
BUB1	NM_004336_bp3249_R	AGCTAAAAGGGCCCTACGTAATAGGCTAATCTCTTGAATTAGCCTATTACGTAGGGCCCGG	Hs.469649	7156	0.927625	1.63548413	0.210024201	1.163666667	0.81181649	0.054443759										
BUB1	NM_004336_bp3249_R	AGCTAAAAGGGCCCTACGTAATAGGCTAATCTCTTGAATTAGCCTATTACGTAGGGCCCGG	Hs.469649	12532	0.847225	1.73062805	0.268804751	1.3986	1.03878768	0.053262588										
BUB1B	NM_001211_bp269_R	AGCTAAAAGGCACAAGAATCTGCCTGTAATCTCTTGAATTACAGGCAGATTCTTGTGCCGG	Hs.36708	1547	3.343			0.0565	0.67472129	0.895341281										
BUB1B	NM_001211_bp269_R	AGCTAAAAGGCACAAGAATCTGCCTGTAATCTCTTGAATTACAGGCAGATTCTTGTGCCGG	Hs.36708	6923	3.5255			0.00075	0.7641703	0.998709569										
BUB1B	NM_001211_bp269_R	AGCTAAAAGGCACAAGAATCTGCCTGTAATCTCTTGAATTACAGGCAGATTCTTGTGCCGG	Hs.36708	12299	3.4241			0.2595	0.38190837	0.51416157										
BUB1B	NM_001211_bp3099_R	AGCTAAAATGGTGAATTGTGGAATAAATCTCTTGAATTTATTCCACAATTCACCATCGG	Hs.36708	1549	1.8505	1.08529563	0.008318544	3.15417375	3.80773302	0.105477169										
BUB1B	NM_001211_bp3099_R	AGCTAAAATGGTGAATTGTGGAATAAATCTCTTGAATTTATTCCACAATTCACCATCGG	Hs.36708	6925	1.8218	0.94812022	0.005360233	3.2509875	4.0769706	0.115491505										
BUB1B	NM_001211_bp3099_R	AGCTAAAAGATGGTGAATTGTGGAATAAATCTCTTGAATTTATTCCACAATTCACCATCGG	Hs.36708	12301	1.825325	1.05109409	0.007810845	3.3903125	4.28937906	0.117844498										
BUB1B	NM_001211_bp808_R	AGCTAAAAGCACACTAGCTGAACTAAAGATCTCTTGAATCTTTAGTTCAGCTAGTGTGCGG	Hs.36708	1551	1.71755	0.80305864	0.003723317	0.3104875	0.29381705	0.144857631										
BUB1B	NM_001211_bp808_R	AGCTAAAAGCACACTAGCTGAACTAAAGATCTCTTGAATCTTTAGTTCAGCTAGTGTGCGG	Hs.36708	6927	1.844775	0.65817969	0.001305679	0.3633625	0.26052332	0.087963434										
BUB1B	NM_001211_bp808_R	AGCTAAAAGCACACTAGCTGAACTAAAGATCTCTTGAATCTTTAGTTCAGCTAGTGTGCGG	Hs.36708	12303	1.873325	0.61603367	0.000959694	0.3864125	0.27955127	0.080920755										
C12orf40	BP967871_bp1059_R	AGCTAAAAGCATACATACCTAATAATCTCTTGAATAATTAAGGTATGTGTTTACCGGG	Hs.558595	9743	0.374925	0.54206625	0.182253032	2.1899	1.1329658	0.007830896	2.15155	0.2615588	0.002468052							
C12orf40	BP967871_bp1059_R	AGCTAAAAGGTAAACACATACCTAATAATCTCTTGAATTATTAAGGTATGTGTTTACCGG	Hs.558595	15119	-0.244475	0.75184223	0.476890211	2.1914	1.27241768	0.02486125	2.53325	0.43621417	0.001703353							
C12orf40	BP967871_bp1059_R	AGCTAAAAGGTAAACACATACCTAATAATCTCTTGAATTATTAAGGTATGTGTTTACCGG	Hs.558595	4367	0.3613	0.37341345	0.121128337	2.07955	0.97758597	0.005670954	1.01275	3.70276466	0.488361617							
C12orf40	BP967871_bp673_R	AGCTAAAAGAACCCTTCTATACACAAACCTTCTCTTGAAAGGTTTGTGTATAGAAGGGTCGG	Hs.558595	4393	1.4923	0.40288927	0.000712641	0.301	0.44597597	0.241378474	0.637866667	0.66941886	0.112036348							
C12orf40	BP967871_bp673_R	AGCTAAAAGAACCCTTCTATACACAAACCTTCTCTTGAAAGGTTTGTGTATAGAAGGGTCGG	Hs.558595	9769	1.512825	0.46337474	0.001002499	0.44265	0.53118799	0.146335834	0.1839	0.73583998	0.621640471							
C12orf40	BP967871_bp673_R	AGCTAAAAGAACCCTTCTATACACAAACCTTCTCTTGAAAGGTTTGTGTATAGAAGGGTCGG	Hs.558595	15145	1.667775	0.95048024	0.002804213	0.821633333	0.39739188	0.033780708	0.097733333	0.90029111	0.815352566							
C13orf18	BC032311_bp1014_R	AGCTAAAAGTCAGCCCAGTGACTGAAACATCTCTTGAATGTTTCAGTCACTGGGCTGACGG	Hs.98117	9903	0.2731	0.67315902	0.390432852	1.324075	0.35628684	0.001571536	-0.7837	0.53273425	0.095131286							
C13orf18	BC032311_bp1014_R	AGCTAAAAGTCAGCCCAGTGACTGAAACATCTCTTGAATGTTTCAGTCACTGGGCTGACGG	Hs.98117	15279	0.353425	0.50582988	0.19192727	1.088225	0.84733506	0.036418535	-0.1083	0.22302148	0.752095721							
C13orf18	BC032311_bp1014_R	AGCTAAAAGTCAGCCCAGTGACTGAAACATCTCTTGAATGTTTCAGTCACTGGGCTGACGG	Hs.98117	4527	0.402125	0.44772875	0.121656374	1.238675	0.48251541	0.004493018	-0.3395									
C13orf18	BC032311_bp807_R	AGCTAAAAGTTGCAGATATGATTATATCATCTCTTGAATGATATAATCATATCTGCAACGG	Hs.98117	4529	0.110466667	1.44804375	0.865478678	-0.325	0.20138923	0.093253824	-0.7703	0.38841628	0.03388102							
C13orf18	BC032311_bp807_R	AGCTAAAAGTTGCAGATATGATTATATCATCTCTTGAATGATATAATCATATCTGCAACGG	Hs.98117	9905	0.233233333	1.31880549	0.699676361	-0.1337	0.59822279	0.692450763	-0.7561	0.09006947	0.02117034							
C13orf18	BC032311_bp807_R	AGCTAAAAGTTGCAGATATGATTATATCATCTCTTGAATGATATAATCATATCTGCAACGG	Hs.98117	15281	0.709933333	1.10911397	0.215343715	-0.3328	0.02602153	0.283798092										
C13orf18	BC032311_bp895_R	AGCTAAAAGTGGGTTACTTGGGAGTGATCTCTCTTGAAGATCACTCCCAAGTAACCCACGG	Hs.98117	4531	1.5182	1.10652788	0.019229312	0.23155	0.22086051	0.207625513	-0.68643333	0.27761107	0.039100497							
C13orf18	BC032311_bp895_R	AGCTAAAAGTGGGTTACTTGGGAGTGATCTCTCTTGAAGATCACTCCCAAGTAACCCACGG	Hs.98117	9907	1.487475	1.11299982	0.02114002	-0.082175	0.34035929	0.684788691	-0.57166667	0.57960965	0.122973439							
C13orf18	BC032311_bp895_R	AGCTAAAAGTGGGTTACTTGGGAGTGATCTCTCTTGAAGATCACTCCCAAGTAACCCACGG	Hs.98117	15283	1.732133333	1.27020113	0.033195597	0.1159	0.24014266	0.50975756	-0.3832	0.0999849	0.286472227							
C14orf20	NM_174944_bp1128_R	AGCTAAAAGCACCAATCCTTGCAAATTACTCTCTTGAAGTAATTTGCAAGGATTGGTGCGG	Hs.314432	761	-0.088325	0.13315243	0.553550655	0.127425	0.43410453	0.589022497										
C14orf20	NM_174944_bp1128_R	AGCTAAAAGCACCAATCCTTGCAAATTACTCTCTTGAAGTAATTTGCAAGGATTGGTGCGG	Hs.314432	6137	-0.513275	0.4094762	0.053634312	0.307125	0.22387592	0.116194811										
C14orf20	NM_174944_bp1128_R	AGCTAAAAGCACCAATCCTTGCAAATTACTCTCTTGAAGTAATTTGCAAGGATTGGTGCGG	Hs.314432	11513	-0.17255	0.29032732	0.359773966	0.35405	0.49793215	0.207761151										
C14orf20	NM_174944_bp278_R	AGCTAAAAGGTCGGTATATGAGGCTTTCTTCTCTTGAAAGAAAGCCTCTATATACCGACCGG	Hs.314432	6138	0.489366667	0.45548151	0.121175893	-0.14455	0.5698331	0.612757641										
C14orf20	NM_174944_bp278_R	AGCTAAAAGGTCGGTATATGAGGCTTTCTTCTCTTGAAAGAAAGCCTCTATATACCGACCGG	Hs.314432	11514	0.631566667	0.70177357	0.128814562	-0.35925	0.78956141	0.354889721										
C14orf20	NM_174944_bp278_R	AGCTAAAAGGTCGGTATATGAGGCTTTCTTCTCTTGAAAGAAAGCCTCTATATACCGACCGG	Hs.314432	762	0.36325	0.37200888	0.285285429	-0.504333333	0.44043436	0.130232157										
C14orf20	NM_174944_bp408_R	AGCTAAAAGCGGCACAAGTACCTCATCAATCTCTTGAATTGATGAGGTACTTGTGCCGCGG	Hs.314432	6139	0.629166667	0.25449382	0.032649152	0.164266667	0.11459783	0.411017147										
C14orf20	NM_174944_bp408_R	AGCTAAAAGCGGCACAAGTACCTCATCAATCTCTTGAATTGATGAGGTACTTGTGCCGCGG	Hs.314432	11515	0.28905	0.48367384	0.259422785	0.366666667	0.03316208	0.104541075										
C14orf20	NM_174944_bp408_R	AGCTAAAAGCGGCACAAGTACCTCATCAATCTCTTGAATTGATGAGGTACTTGTGCCGCGG	Hs.314432	763				-0.44												
C14orf44	NM_024496_bp3052_R	AGCTAAAAGCCCACGAACGTTTGGAAGGATATCTCTTGAATATCTCCCAAACGTTCGTGGCGGG	Hs.179260	3611	-0.231175	0.13382298	0.157704771								0.2010875	0.29270388	0.369161643			
C14orf44	NM_024496_bp3052_R	AGCTAAAAGCCCACGAACGTTTGGAAGGATATCTCTTGAATATCTCCCAAACGTTCGTGGCGGG	Hs.179260	8987	-0.350975	0.21498097	0.071111294								-0.0890125	0.44298312	0.721038449			
C14orf44	NM_024496_bp3052_R	AGCTAAAAGCCCACGAACGTTTGGAAGGATATCTCTTGAATATCTCCCAAACGTTCGTGGCGGG	Hs.179260	14363	-0.654375	0.4489049	0.029196631								0.2013625	0.28804417	0.366814919			
C14orf44	NM_024496_bp3206_R	AGCTAAAAGAATGTACCTTGGGCCTTCATTCTCTTGAAATGAAGGCCCAAGGTACATTCGG	Hs.179260	3613	0.415875	1.24063336	0.440630525								0.0456875	0.559349	0.869407639			
C14orf44	NM_024496_bp3206_R	AGCTAAAAGAATGTACCTTGGGCCTTCATTCTCTTGAAATGAAGGCCCAAGGTACATTCGG	Hs.179260	8989	0.18765	0.76753245	0.587227519								0.0856875	0.66871465	0.781170718			
C14orf44	NM_024496_bp3206_R	AGCTAAAAGAATGTACCTTGGGCCTTCATTCTCTTGAAATGAAGGCCCAAGGTACATTCGG	Hs.179260	14365	0.085575	0.47563549	0.719080849								0.0288875	0.54721214	0.916168901			
C14orf44	NM_024496_bp3252_R	AGCTAAAAGCTGGGGATGTTAAAGTGAAATCTCTTGAATTTCACTTTAACATCCCCAGCGG	Hs.179260	3609	-0.27325	0.69700464	0.402487955								0.2664375	0.41877412	0.294838074			
C14orf44	NM_024496_bp3252_R	AGCTAAAAGCTGGGGATGTTAAAGTGAAATCTCTTGAATTTCACTTTAACATCCCCAGCGG	Hs.179260	8985	-0.048966667	1.05738181	0.920677383								0.4617625	0.23684931	0.058232373			
C14orf44	NM_024496_bp3252_R	AGCTAAAAGCTGGGGATGTTAAAGTGAAATCTCTTGAATTTCACTTTAACATCCCCAGCGG	Hs.179260	14361	-0.210175	0.5863683	0.575351772								0.2164875	0.39370639	0.376633176			
C16orf44	AK074056_bp396_R	AGCTAAAAGCGGGCACCATCTACAAAGACTCTCTTGAAGTCATTGTGAGATGGTGCCCCGCGG	Hs.578546	4055	-0.0282125	0.52405956	0.911330788								-0.060725	0.28125581	0.777358069			
C16orf44	AK074056_bp396_R	AGCTAAAAGCGGGCACCATCTACAAAGACTCTCTTGAAGTCATTGTGAGATGGTGCCCCGCGG	Hs.578546	9431	-0.1559875	0.68164837	0.617892565								-0.2182	0.25794458	0.320147521			
C16orf44	AK074056_bp396_R	AGCTAAAAGCGGGCACCATCTACAAAGACTCTCTTGAAGTCATTGTGAGATGGTGCCCCGCGG	Hs.578546	14807	0.0843125	0.67055863	0.78271683								-0.2412	0.34792201	0.309594426			
C16orf44	AK074056_bp434_R	AGCTAAAAGGGCCCACGACTACCAAATTGGTCTCTTGAACCAATTTGGTAGTCCGTGGCCCGG	Hs.578546	4053	-1.0934625	0.30331782	0.001504901								-0.2988	0.22654202	0.179261684			
C16orf44	AK074056_bp434_R	AGCTAAAAGGGCCCACGACTACCAAATTGGTCTCTTGAACCAATTTGGTAGTCCGTGGCCCGG	Hs.578546	9429	-1.1412125	0.27572227	0.001027998								-0.269525	0.22177766	0.218069763			
C16orf44	AK074056_bp434_R	AGCTAAAAGGGCCCACGACTACCAAATTGGTCTCTTGAACCAATTTGGTAGTCCGTGGCCCGG	Hs.578546	14805	-1.0879375	0.32728983	0.001809059								-0.25785	0.20275571	0.230811344			
C16orf44	AK074056_bp95_R	AGCTAAAAGCTTCCCTTTCCCAAACATTCTCTTGAATGATTCTGGGAAAGGGAACTGCGG	Hs.578546	4051	-0.7174875	0.89601496	0.109876732								-0.1674	0.13316313	0.402612386			
C16orf44	AK074056_bp95_R	AGCTAAAAGCTTCCCTTTCCCAAACATTCTCTTGAATGATTCTGGGAAAGGGAACTGCGG	Hs.578546	9427	-0.7953625	0.24194506	0.004129043								-0.07945	0.11238145	0.681459471			
C16orf44	AK074056_bp95_R	AGCTAAAAGCTTCCCTTTCCCAAACATTCTCTTGAATGATTCTGGGAAAGGGAACTGCGG	Hs.578546	14803	-0.8407625	0.56027413	0.020639252								-0.187675	0.2327129	0.378585952			
C19orf10	BQ073612_bp1151_R	AGCTAAAAGGGGGAGAAATACCCACTTCTCTCTTGAAGAAAGTGGGTATTTCTCCCCCGG	Hs.465645	4743	1.4758375	1.04745132	0.017736671	0.5899625	0.43206617	0.04782261										
C19orf10	BQ073612_bp1151_R	AGCTAAAAGGGGGAGAAATACCCACTTCTCTCTTGAAGAAAGTGGGTATTTCTCCCCCGG	Hs.465645	10119	1.4051875	1.11232743	0.025886361	0.209566667	0.44466753	0.467257509										
C19orf10	BQ073612_bp1151_R	AGCTAAAAGGGGGAGAAATACCCACTTCTCTCTTGAAGAAAGTGGGTATTTCTCCCCCGG	Hs.465645	15495	1.4238125	1.05694705	0.02087581	0.5603875	0.52273669	0.08205698										
C19orf10	BQ073612_bp1277_R	AGCTAAAAAGGGGCCCAAATAACACCAACATCTCTTGAATGTTGGTGTTATTTGGGCCCCGG	Hs.465645	4741	-0.403225	0.25402811	0.21493905	0.5487												
C19orf10	BQ073612_bp1277_R	AGCTAAAAGGGGCCCAAATAACACCAACATCTCTTGAATGTTGGTGTTATTTGGGCCCCGG	Hs.465645	10117	-0.570425	0.47195842	0.156999232	0.4624												
C19orf10	BQ073612_bp1277_R	AGCTAAAAGGGGCCCAAATAACACCAACATCTCTTGAATGTTGGTGTTATTTGGGCCCCGG	Hs.465645	15493	-0.7642625	0.78069821	0.067289816	-0.165716667	0.89341301	0.719181686										
C19orf10	BQ073612_bp685_R	AGCTAAAAGACCTGGGTTTCCCCTGGAAATCTCTTGAATTTCCAGGGGAAACCCAGGTCGG	Hs.465645	4745	-0.4163875	0.24472665	0.048200102	-0.7099375	0.24065962	0.480650432										
C19orf10	BQ073612_bp685_R	AGCTAAAAGACCTGGGTTTCCCCTGGAAATCTCTTGAATTTCCAGGGGAAACCCAGGTCGG	Hs.465645	10121	-0.6656125	0.3601601	0.017154032	-4.1258												
C19orf10	BQ073612_bp685_R	AGCTAAAAGACCTGGGTTTCCCCTGGAAATCTCTTGAATTTCCAGGGGAAACCCAGGTCGG	Hs.465645	15497	-0.538283333	0.16509705	0.040077702													
C1orf165	AK027348_bp710_R	AGCTAAAAGGACCACACTTCCTATTGCTATCCTCTTGAATAGCAATAGGAAGTGTGGTCCGG	Hs.475348	3937	-0.3519625	0.46973495	0.175102752								-0.561725	0.17019635	0.024857991			

C20orf133	AK125899_bp428_R	AGCTAAAAGGCGGTGAAGTGACAGATCATTCTTGAAATGATCTGTCACTTCACCGCCGG	Hs.357662	3925	0.5483125	0.81594636	0.168561028					0.03535	0.35241319	0.876726054				
C20orf133	AK125899_bp428_R	AGCTAAAAGGCGGTGAAGTGACAGATCATTCTTGAAATGATCTGTCACTTCACCGCCGG	Hs.357662	9301	-0.0712625	0.66085606	0.811368427					-0.160025	0.19175588	0.436780972				
C20orf133	AK125899_bp428_R	AGCTAAAAGGCGGTGAAGTGACAGATCATTCTTGAAATGATCTGTCACTTCACCGCCGG	Hs.357662	14677	0.24525	0.43800493	0.372094624					-0.001175	0.31439685	0.995740139				
C20orf133	AK125899_bp995_R	AGCTAAAAGACGCATCTTTCAGGCATTATTCTCTTGAAATAATGCCTGAAAGATGCGTCGG	Hs.357662	3923	-0.11185	0.17939299	0.681167228					0.749075	0.23116071	0.008812343				
C20orf133	AK125899_bp995_R	AGCTAAAAGACGCATCTTTCAGGCATTATTCTCTTGAAATAATGCCTGAAAGATGCGTCGG	Hs.357662	9299	0.069266667	0.18765149	0.725027527					0.68095	0.25680767	0.014518686				
C20orf133	AK125899_bp995_R	AGCTAAAAGACGCATCTTTCAGGCATTATTCTCTTGAAATAATGCCTGAAAGATGCGTCGG	Hs.357662	14675	0.040033333	0.36552292	0.866624428					0.68615	0.21866494	0.012459954				
C20orf77	NM_021215_bp1060_R	AGCTAAAAGCTCGGATGTTGGTGGAGTATTCTCTTGAAATACCTCCACCAACATCCGAGCGGG	Hs.278839	4926	-0.3972125	0.30057569	0.07097849	0.1273875	0.73704452	0.714988452								
C20orf77	NM_021215_bp1060_R	AGCTAAAAGCTCGGATGTTGGTGGAGTATTCTCTTGAAATACCTCCACCAACATCCGAGCGGG	Hs.278839	10302	-0.4822875	0.23645841	0.028469047	0.0251625	0.85238965	0.94886522								
C20orf77	NM_021215_bp1060_R	AGCTAAAAGCTCGGATGTTGGTGGAGTATTCTCTTGAAATACCTCCACCAACATCCGAGCGGG	Hs.278839	15678	-0.3658625	0.28319538	0.083121776	0.1272125	0.94883586	0.769322328								
C20orf77	NM_021215_bp877_R	AGCTAAAGATGCTTACTGTCCGACAGAAATCTCTTGAATTTCTGTCGGACAGTAGCATCGG	Hs.278839	4928	-0.4752375	0.08034423	0.015996257	-0.2630375	0.33935445	0.229627453								
C20orf77	NM_021215_bp877_R	AGCTAAAGATGCTTACTGTCCGACAGAAATCTCTTGAATTTCTGTCGGACAGTAGCATCGG	Hs.278839	10304	-0.5770625	0.07579483	0.007294191	-0.1857625	0.30682257	0.35399424								
C20orf77	NM_021215_bp877_R	AGCTAAAGATGCTTACTGTCCGACAGAAATCTCTTGAATTTCTGTCGGACAGTAGCATCGG	Hs.278839	15680	-0.4989625	0.04911204	0.012334407	-0.1735375	0.21391663	0.321385784								
C20orf77	NM_021215_bp919_R	AGCTAAAAAGTGCAAGATGTTTCTCTTATGTCTCTTGAACAATAGAGAAACATCTTGCACGG	Hs.278839	4930	-0.5864125	0.11468822	0.007739699	-0.7177625	0.06688552	0.00392367								
C20orf77	NM_021215_bp919_R	AGCTAAAAAGTGCAAGATGTTTCTCTTATGTCTCTTGAACAATAGAGAAACATCTTGCACGG	Hs.278839	10306	-0.7013375	0.24616186	0.007186065	-0.7954625	0.07855365	0.002677773								
C20orf77	NM_021215_bp919_R	AGCTAAAAAGTGCAAGATGTTTCTCTTATGTCTCTTGAACAATAGAGAAACATCTTGCACGG	Hs.278839	15682	-0.5780875	0.08046681	0.007333834	-0.8411625	0.24896546	0.000494254								
C21orf7	AF269162_bp133_R	AGCTAAAAGTTCAGCTGATTGCACCTTTATCTCTTGAATAAAGTGCAATCAGCTGAACGG	Hs.222802	3648	-0.6294875	0.14105108	0.0664402386					0.141175	0.4286669	0.569218396				
C21orf7	AF269162_bp133_R	AGCTAAAAGTTCAGCTGATTGCACCTTTATCTCTTGAATAAAGTGCAATCAGCTGAACGG	Hs.222802	9024	-0.6616375	0.16934389	0.00598652					0.077275	0.37874938	0.741592216				
C21orf7	AF269162_bp133_R	AGCTAAAAGTTCAGCTGATTGCACCTTTATCTCTTGAATAAAGTGCAATCAGCTGAACGG	Hs.222802	14400	-0.6012875	0.10585638	0.006760657					0.113	0.37499736	0.630332329				
C21orf7	AF269162_bp220_R	AGCTAAAAGGTGGAATCATGGCTCACTACTCTCTCTGAAGTAGTGAGCCATGATTCCACCGG	Hs.222802	3646	1.4428	0.40290944	0.015018286					0.211625	0.13250425	0.298159737				
C21orf7	AF269162_bp220_R	AGCTAAAAGGTGGAATCATGGCTCACTACTCTCTCTGAAGTAGTGAGCCATGATTCCACCGG	Hs.222802	9022	1.5525	0.59990939	0.01940732					0.23495	0.16713776	0.260613814				
C21orf7	AF269162_bp220_R	AGCTAAAAGGTGGAATCATGGCTCACTACTCTCTCTGAAGTAGTGAGCCATGATTCCACCGG	Hs.222802	14398	1.6617125	0.44004589	0.000555269					0.335375	0.1087994	0.11772526				
C21orf7	AF269162_bp342_R	AGCTAAAGTGCTTGGATTACAGTATTTCTCTCTTGAAGAAATACTGTAATCCAAGCACGG	Hs.222802	3644	-0.037933333	0.35047297	0.871240634					-0.06213333	0.33025255	0.818427817				
C21orf7	AF269162_bp342_R	AGCTAAAGTGCTTGGATTACAGTATTTCTCTCTTGAAGAAATACTGTAATCCAAGCACGG	Hs.222802	9020	-0.1436	0.68905503	0.682800966					0.090933333	0.309748	0.734382072				
C21orf7	AF269162_bp342_R	AGCTAAAGTGCTTGGATTACAGTATTTCTCTCTTGAAGAAATACTGTAATCCAAGCACGG	Hs.222802	14396	0.018433333	0.34632029	0.936820533					-0.1692	0.12006673	0.617693114				
C21orf10	AY327407_bp2076_R	AGCTAAAAAGGACCACTTTCAGATTACAATCTCTTGAATTGTAATCTGAAAGTGGTCCCCGG	Hs.159528	4224	-0.404975	0.14294739	0.034483715	-0.506433333	0.73616452	0.245098212		-0.2251	1.32601367	0.689004278				
C21orf10	AY327407_bp2076_R	AGCTAAAAAGGACCACTTTCAGATTACAATCTCTTGAATTGTAATCTGAAAGTGGTCCCCGG	Hs.159528	9600	-0.357133333	0.52702291	0.259127653	0.5802				-0.40846667	1.53585679	0.526144816				
C21orf10	AY327407_bp2076_R	AGCTAAAAAGGACCACTTTCAGATTACAATCTCTTGAATTGTAATCTGAAAGTGGTCCCCGG	Hs.159528	14976	-0.08535	0.88000266	0.823898635	-0.8576				0.62225	0.97361533	0.246978688				
C21orf10	AY327407_bp880_R	AGCTAAAAAGCTCGAAATGTAGCATCTAAATCTCTTGAATTTAGATGCTACATTTCGAGCGG	Hs.159528	4222	-0.03195	0.4606652	0.89025028	0.7996	0.19078905	0.004342826	0.042533333	1.09211251	0.929255891					
C21orf10	AY327407_bp880_R	AGCTAAAAAGCTCGAAATGTAGCATCTAAATCTCTTGAATTTAGATGCTACATTTCGAGCGG	Hs.159528	9598	-0.167425	0.6595893	0.583581188	0.618825	0.56947058	0.072276321	-0.0073	1.41229662	0.990085675					
C21orf10	AY327407_bp880_R	AGCTAAAAAGCTCGAAATGTAGCATCTAAATCTCTTGAATTTAGATGCTACATTTCGAGCGG	Hs.159528	14974	0.0383	0.51962222	0.87891307	0.736075	0.28129907	0.193166667	1.38641491	0.739922761						
C21orf10	AY327407_bp994_R	AGCTAAAAAGGCCCCATGTTCAAATCAACATCTCTTGAATGTTGATTTGAACATGGGGCCCGG	Hs.159528	14972	0.361375	0.63253674	0.248196462	0.169275	0.28956158	0.382548319	-0.3836	0.91559516	0.383022988					
C21orf10	AY327407_bp994_R	AGCTAAAAAGGCCCCATGTTCAAATCAACATCTCTTGAATGTTGATTTGAACATGGGGCCCGG	Hs.159528	4220	0.623766667	0.78162805	0.157497195	-0.1875			-0.3377							
C21orf10	AY327407_bp994_R	AGCTAAAAAGGCCCCATGTTCAAATCAACATCTCTTGAATGTTGATTTGAACATGGGGCCCGG	Hs.159528	9596	0.4796	0.74432434	0.188816147	0.033733333	0.93103647	0.943090759	-0.271							
C3orf63	AF180425_bp1235_R	AGCTAAAAAGAAGCATAGTTACTTCACAAATCTCTTGAATTTGTGAAGTAACTATGCTTCGG	Hs.116877	3600							0.7303	0.45170799	0.022287579					
C3orf63	AF180425_bp1235_R	AGCTAAAAAGAAGCATAGTTACTTCACAAATCTCTTGAATTTGTGAAGTAACTATGCTTCGG	Hs.116877	8976							0.8345	0.51588613	0.016730589					
C3orf63	AF180425_bp1235_R	AGCTAAAAAGAAGCATAGTTACTTCACAAATCTCTTGAATTTGTGAAGTAACTATGCTTCGG	Hs.116877	14352							0.7394	0.47800461	0.023464073					
C3orf63	AF180425_bp3338_R	AGCTAAAAGTGTGCTCTGTAAAGAAATATACTCTTGAATTATTTCTTTTACAGAGCACACGG	Hs.116877	3598	-0.0304375	0.20772461	0.849389031				0.459125	0.34493178	0.07811685					
C3orf63	AF180425_bp3338_R	AGCTAAAAGTGTGCTCTGTAAAGAAATATACTCTTGAATTATTTCTTTTACAGAGCACACGG	Hs.116877	8974	0.1272375	0.1974445	0.43542127				0.328	0.53381537	0.253134492					
C3orf63	AF180425_bp3338_R	AGCTAAAAGTGTGCTCTGTAAAGAAATATACTCTTGAATTATTTCTTTTACAGAGCACACGG	Hs.116877	14350	-0.1010375	0.18257786	0.523285178				0.286275	0.60597211	0.343415533					
C5orf13	CR607755_bp1069_R	AGCTAAAAAGAGGTAGCTCTGATGGAGTTATCTCTTGAATAACTCCATCAGAGCTACCTCGG	Hs.36053	4665	-0.373725	0.47574484	0.157228375	-0.00445	0.6494231	0.988607094	-0.94525	0.13399674	0.038578205					
C5orf13	CR607755_bp1069_R	AGCTAAAAAGAGGTAGCTCTGATGGAGTTATCTCTTGAATAACTCCATCAGAGCTACCTCGG	Hs.36053	10041	-0.539875	0.49260695	0.065816522	0.181175	0.10703909	0.255402181	-0.42626667	0.48911129	0.198306509					
C5orf13	CR607755_bp1069_R	AGCTAAAAAGAGGTAGCTCTGATGGAGTTATCTCTTGAATAACTCCATCAGAGCTACCTCGG	Hs.36053	15417	-0.785425	0.44864528	0.014981039	0.2883	0.18659962	0.118765583	-0.6737	0.45345561	0.06063346					
C5orf13	CR607755_bp1490_R	AGCTAAAAAGGCATCTGAGTGGGAATATGATCTCTTGAATCATATTCCCACTCAGATGCCGG	Hs.36053	4663	1.7951	1.51855309	0.030484343	0.72285	0.50475972	0.035427617	0.2897	1.05965121	0.544085674					
C5orf13	CR607755_bp1490_R	AGCTAAAAAGGCATCTGAGTGGGAATATGATCTCTTGAATCATATTCCCACTCAGATGCCGG	Hs.36053	10039	1.83215	1.55991314	0.033437717	0.643125	0.48971213	0.047645476	0.278633333	0.95073698	0.528855757					
C5orf13	CR607755_bp1490_R	AGCTAAAAAGGCATCTGAGTGGGAATATGATCTCTTGAATCATATTCCCACTCAGATGCCGG	Hs.36053	15415	1.81115	1.47886661	0.027071504	0.7215	0.51309224	0.037004693	0.874333333	1.12895396	0.119452096					
C5orf13	CR607755_bp1782_R	AGCTAAAAGTTTCGCTTCTGACTGTTAAATCTCTTGAATTTAACAGTCAGAAGCGAAACGG	Hs.36053	4667	-1.3175	0.3251259	0.000742891	-0.660275	0.21397652	0.010331541	0.6531	0.99658746	0.18520012					
C5orf13	CR607755_bp1782_R	AGCTAAAAGTTTCGCTTCTGACTGTTAAATCTCTTGAATTTAACAGTCAGAAGCGAAACGG	Hs.36053	10043	-0.987575	0.28397451	0.002090827	-0.8235	0.32401281	0.008399927	0.427733333	0.95738135	0.348648455					
C5orf13	CR607755_bp1782_R	AGCTAAAAGTTTCGCTTCTGACTGTTAAATCTCTTGAATTTAACAGTCAGAAGCGAAACGG	Hs.36053	15419	-0.922633333	0.6295679	0.039159416	-0.636625	0.42120251	0.035879741	0.396	0.91813751	0.369863867					
C6orf32	NM_015864_bp1084_R	AGCTAAAAGTCCTGGAGATCAATATGAAATCTCTTGAATTTCATATTGATCTCCAGGACGG	Hs.484915	5301	-0.690187	0.33761131	0.011136516	-0.0465125	0.70779376	0.889514981								
C6orf32	NM_015864_bp1084_R	AGCTAAAAGTCCTGGAGATCAATATGAAATCTCTTGAATTTCATATTGATCTCCAGGACGG	Hs.484915	10677	-0.4512375	0.44424639	0.089054504	0.02875	0.03461225	0.56907901	0.902013295							
C6orf32	NM_015864_bp1084_R	AGCTAAAAGTCCTGGAGATCAATATGAAATCTCTTGAATTTCATATTGATCTCCAGGACGG	Hs.484915	16053	-0.6227125	0.41353213	0.029033488	-0.0625625	0.71872567	0.853784829								
C6orf32	NM_015864_bp767_R	AGCTAAAAGGGTGTACTGTATGACCTAGATCTCTTGAATCTAGGTCATACAGTACACCCGG	Hs.484915	5303	-0.6535375	0.47937101	0.822128122	-0.2346625	0.43858588	0.341460045								
C6orf32	NM_015864_bp767_R	AGCTAAAAGGGTGTACTGTATGACCTAGATCTCTTGAATCTAGGTCATACAGTACACCCGG	Hs.484915	10679	0.0899125	0.41938597	0.682679991	-0.3266125	0.58892256	0.290644235								
C6orf32	NM_015864_bp767_R	AGCTAAAAGGGTGTACTGTATGACCTAGATCTCTTGAATCTAGGTCATACAGTACACCCGG	Hs.484915	16055	0.1524375	0.45518154	0.516246537	-0.2469625	0.55249859	0.390220611								
C6orf32	NM_015864_bp823_R	AGCTAAAAGCCTGGAGTTTCATATAAGTATCTCTTGAATACTTATATGAAACTCCAGGCGG	Hs.484915	5299	-0.3597875	0.37445047	0.122852386	-0.5465625	0.85388098	0.044154233								
C6orf32	NM_015864_bp823_R	AGCTAAAAGCCTGGAGTTTCATATAAGTATCTCTTGAATACTTATATGAAACTCCAGGCGG	Hs.484915	10675	-0.1640625	0.26657458	0.36659899	-0.4218625	0.24169049	0.053663763								
C6orf32	NM_015864_bp823_R	AGCTAAAAGCCTGGAGTTTCATATAAGTATCTCTTGAATACTTATATGAAACTCCAGGCGG	Hs.484915	16051	-0.1234125	0.29081819	0.503609852	-0.3211375	0.28517942	0.130423369								
C9orf96	XM_376921_bp2587_R	AGCTAAAACACCAGAATGCGCACCTCACATCTCTTGAATGTGAGGTGCGCATTCTGGTGGG	Hs.512466	2080	-0.233233333	0.64808535	0.496619206	-0.0675	0.47976644	0.786327351								
C9orf96	XM_376921_bp2587_R	AGCTAAAACACCAGAATGCGCACCTCACATCTCTTGAATGTGAGGTGCGCATTCTGGTGGG	Hs.512466	7456	-0.0718	0.6720521	0.81444086	-0.099025	0.62933756	0.746082387								
C9orf96	XM_376921_bp2587_R	AGCTAAAACACCAGAATGCGCACCTCACATCTCTTGAATGTGAGGTGCGCATTCTGGTGGG	Hs.512466	12832	0.80335	0.14460153	0.002292681	0.09275	0.64535355	0.766061507								
C9orf96	XM_376921_bp375_R	AGCTAAAAGAGGCTGTTCATCACGTGGAATTCTCTTGAAATTCCACGTGATGAACAGCTCGG	Hs.512466	896	0.024525	0.15391661	0.869961839	-0.290375	0.27190466	0.155285377								
C9orf96	XM_376921_bp375_R	AGCTAAAAGAGGCTGTTCATCACGTGGAATTCTCTTGAAATTCCACGTGATGAACAGCTCGG	Hs.512466	6272	0.31135	0.1777639	0.086685457	-0.022025	0.25129415	0.899496336								
C9orf96	XM_376921_bp375_R	AGCTAAAAGAGGCTGTTCATCACGTGGAATTCTCTTGAAATTCCACGTGATGAACAGCTCGG	Hs.512466	11648	0.31765	0.19797782	0.088039772	0.121825	0.23398545	0.489515515								
C9orf96	XM_376921_bp892_R	AGCTAAAAAGCAGATCCCGGATGTGGAAATCTCTTGAATTTCCACATCCGGGATCTGCTGG	Hs.512466	897	-0.702266667	0.24628411	0.022480436	-0.356966667	1.15104877	0.542570535								
C9orf96	XM_376921_bp892_R	AGCTAAAAAGCAGATCCCGGATGTGGAAATCTCTTGAATTTCCACATCCGGGATCTGCTGG	Hs.512466	6273	-0.2621	0.14317915	0.212073333	-0.2445	0.39041537	0.373529175								
C9orf96	XM_376921_bp892_R	AGCTAAAAGCAGATCCCGGATGTGGAAATCTCTTGAATTTCCACATCCGGGATCTGCTGG	Hs.512466	11649	-0.307	0.2288527	0.183298403	-0.124766667	0.77138495	0.759398411								
CABC1	NM_020247_bp140_R	AGCTAAAAGACACCATCATGGTGGCTAAATCTCTTGAATTTAGCCACCATGATGGTGTCGG	Hs.118241	5987	-0.20955	0.12612387	0.18975488	0.2242	0.40534566	0.339359111								
CABC1	NM_020247_bp140_R	AGCTAAAAGACACCATCATGGTGGCTAAATCTCTTGAATTTAGCCACCATGATGGTGTCGG	Hs.118241	11363	-0.34355	0.34056179	0.121580936	-0.237133333	0.51721757	0.454050453								
CABC1	NM_020247_bp140_R	AGCTAAAAGACACCATCATGGTGGCTAAATCTCTTGAATTTAGCCACCATGATGGTGTCGG	Hs.118241	611	-0.134166667	0.35475385	0.576085892											
CABC1	NM_020247_bp1732_R	AGCTAAAAGCGGGCGAAATCCATAGAGATTCTCTTGAAATCTCTATGGATTTCGCCCGCGG	Hs.118241	612	-0.00585	0.30854651	0.974760069	-0.415125	0.20036053	0.046879792								
CABC1	NM_020247_bp1732_R	AGCTAAAAGCGGGCGAAATCCATAGAGATTCTCTTGAAATCTCTATGGATTTCGCCCGCGG	Hs.118241	5988	0.20005	0.38757009	0.358450043	-0.23755	0.18233691	0.178173524								
CABC1	NM_020247_bp1732_R	AGCTAAAAGCGGGCGAAATCCATAGAGATTCTCTTGAAATCTCTATGGATTTCGCCCGCGG	Hs.118241	11364	0.354575	0.37910213	0.129250611	0.013375	0.21600089	0.935487149								
CABC1	NM_020247_bp966_R	AGCTAAAAGACATCCAGGATGATGCCTTTATCTCTTGAATAAAGGCATCATCCTGGATGCGG	Hs.118241	625	0.295175	0.32515153	0.162492233	0.80195	0.18639654	0.004189375								
CABC1	NM_020247_bp966_R	AGCTAAAAGACATCCAGGATGATGCCTTTATCTCTTGAATAAAGGCATCATCCTGGATGCGG	Hs.118241	6001	0.5716	0.33294635	0.025778993	0.834	0.07451743	0.002180475								
CABC1	NM_020247_bp966_R	AGCTAAAAGACATCCAGGATGATGCCTTTATCTCTTGAATAAAGGCATCATCCTGGATGCGG	Hs.118241	11377	0.537325	0.24489528	0.020182029	0.798775	0.22681449	0.00505688								
CACNA1E	L27745_bp1876_R	AGCTAAAAGGAGGCAGGTTTAACTTTAATCTTCTTGAAATTAAAGTTAACCTCTGGCTCGG	Hs.437444	4811	-1.1554875	1.34447736	0.083345304	-0.3133125	0.50077431	0.257557929			-0.203025	0.61663115	0.557244218	0.07725	0.44362274	0.750644449
CACNA1E	L27745_bp1876_R	AGCTAAAAGGAGGCAGGTTTAACTTTAATCTTCTTGAAATTAAAGTTAACCTCTGGCTCGG	Hs.437444	10187	-0.2181375	0.2911153	0.259069119	-0.3344625	0.59811647	0.285716662			-0.10295	0.58840578	0.749517798	0.0475	0.39567874	0.825728319
CACNA1E	L27745_bp1876_R	AGCTAAAAGGAGGCAGGTTTAACTTTAATCTTCTTGAAATTAAAGTTAACCTCTGCTCCGG	Hs.437444	15563	-0.9200875	1.63516762	0.213117264	-0.2062625	0.69161666	0.539020454			-0.002325	0.6652669	0.994861909	0.015775	0.45439404	0.949013948
CACNA1E	L27745_bp3381_R	AGCTAAAAGCCCCACAGCTCAATGTTCATTCTCTTGAAATGAACATTGAGCTGTGGGGCCGG	Hs.437444	4809	0.2365375	0.16612583	0.162153547	-0.2074625	0.4169303	0.380760174			0.162425	0.54179986	0.591049924	0.51085	0.26449931	0.030675763
CACNA1E	L27745_bp3381_R	AGCTAAAAGCCCCACAGCTCAATGTTCATTCTCTTGAAATGAACATTGAGCTGTGGGGCCGG	Hs.437444	10185	0.2159375	0.14089952	0.184305968	-0.1888125	0.39552315	0.40736337			0.2209	0.46635056	0.413348141	0.57015	0.21792218	0.013906321
CACNA1E	L27745_bp3381_R	AGCTAAAAGCCCCACAGCTCAATGTTCATTCTCTTGAAATGAACATTGAGCTGTGGGGCCGG	Hs.437444	15561	-0.3052125	1.13088147	0.53287073	-0.1915625	0.33796816	0.362035102			0.13235	0.42963281	0.581416333	0.51035	0.07490338	0.000854918
CACNA1E	L27745_bp5896_R	AGCTAAAAGACGCAGAGGTTAGTGAATTATCTTGAATAATTCACTAACCTCTGGCTCGG	Hs.437444	4807	-0.6613875	1.04349776	0.179115283	0.9604625	0.35377301	0.005664672			1.288675	0.24904564	0.001924769	0.737125	0.49474682	0.058606079
CACNA1E	L27745_bp5896_R	AGCTAAAAGACGCAGAGGTTAGTGAATTATCTTGAATAATTCACTAACCTCTGGCTCGG	Hs.437444	10183	0.3856875	0.84038428	0.320212232	1.012375	0.54186833	0.004366081			1.22235	0.2397149	0.002009312	0.72855	0.48490731	0.05744412
CACNA1E	L27745_bp5896_R	AGCTAAAAGACGCAGAGGTTAGTGAATTATCTTGAATAATTCACTAACCTCTGGCTCGG	Hs.437444	15559	-0.2998625	2.06697765	0.726242128	1.0257375	0.29831463	0.00307798			1.3077	0.24319105	0.001719269	0.80725	0.48740149	0.045308553
CADPS	NM_003716_bp2704_R	AGCTAAAAGGCTCCGAGTTCTGCTAGAGAACTCTGTGAATTTAGCAGAACTCGGAGCCGG	Hs.127013	3199	0.16385						-0.8122		0.1982	0.31167433	0.293070632	0.0241	0.40310721	0.912380685
CADPS	NM_003716_bp2704_R	AGCTAAAAGGCTCCGAGTTCTGCTAGAGAACTCTGTGAATTTAGCAGAACTCGGAGCCGG	Hs.127013	8575	-0.158125	0.33329478	0.601764599				-0.9224		0.334975	0.18188046	0.034673638	0.001925	0.25703401	0.98898973
CADPS	NM_003716_bp2704_R	AGCTAAAAGGCTCCGAGTTCTGCTAGAGAACTCTGTGAATTTCTAGCAGAACTCGGAGCCGG	Hs.127013	13951	-0.164225	0.23755252	0.565091671				-0.8508		0.257625	0.1984498	0.080628111	-0.02475	0.23698645	0.847925988
CADPS	NM_003716_bp3282_R	AGCTAAAAGACCCCACTTGTTGTTAGATATTCTCTTGAAATATCTAACAACAAGTGGGGCGG	Hs.127013	3197	-1.15895						-0.2605		0.544675	0.58740254	0.160701518	0.028975	0.16362378	0.74664503
CADPS	NM_003716_bp3282_R	AGCTAAAAGACCCCACTTGTTGTTAGATATTCTCTTGAAATATCTAACAACAAGTGGGGCGG	Hs.127013	8573	-0.866025	0.21725856	0.040967244				-0.2731		0.243128	0.23243086	0.023825	0.24652365	0.85907975	
CADPS	NM_003716_bp3282_R	AGCTAAAAGACCCCACTTGTTGTTAGATATTCTCTTGAAATATCTAACAACAAGTGGGGCGG	Hs.127013	13949	-0.4968	0.71721851	0.213640493				-0.3006		0.40405	0.5981757	0.269571722	0.192425	0.19843021	0.147788007
CAMK1	NM_003656_bp1011_R	AGCTAAAAGATACAGCTCTAGATAAGATCTCTTGAATCTTATCTAGAGCTGTATCTCGG	Hs.434875	1640	-1.702666667	0.53342779	0.003372416	-0.6637375	1.21816904	0.258870189								
CAMK1	NM_003656_bp1011_R	AGCTAAAAGATACAGCTCTAGATAAGATCTCTTGAATCTTATCTAGAGCTGTATCTCGG	Hs.434875	7016	-1.845633333	0.52903359	0.002448058	-0.6783125	1.23157987	0.254189567								
CAMK1	NM_003656_bp1011_R	AGCTAAAAGATACAGCTCTAGATAAGATCTCTTGAATCTTATCTAGAGCTGTATCTCGG	Hs.434875	12392	-1.742366667	0.55025905	0.003328807	-0.6590625	1.18074463	0.249861618								
CAMK1	NM_003656_bp215_R	AGCTAAAAGCGGAGGCATTAGAGACATCTCTCTTGAAGATGTCTCTAATGTCCTCCGCGG	Hs.434875	368	-0.45095	0.23526253	0.0356112	0.0863125	0.20986061	0.60398122								
CAMK1	NM_003656_bp215_R	AGCTAAAAGCGGAGGCATTAGAGACATCTCTCTTGAAGATGTCTCTAATGTCCTCCGCGG	Hs.434875	5744	-0.5364	0.07479298	0.033939465	0.1805375	0.25606135	0.331831289								
CAMK1	NM_003656_bp215_R	AGCTAAAAGCGGAGGCATTAGAGACATCTCTCTTGAAGATGTCTCTAATGTCCTCCGCGG	Hs.434875	11120	-0.3851	0.34372224	0.092283955	0.1117875	0.18291504	0.490746409								
CAMK1	NM_003656_bp871_R	AGCTAAAAGAAGGCCGAGTACGAGTTTGATCTCTTGAATCAAACTCGTACTCGGCCTTCGG	Hs.434875	369	0.502	0.65582305	0.137921483	-0.0034375	0.82223255	0.98257852								
CAMK1	NM_003656_bp871_R	AGCTAAAAGAAGGCCGAGTACGAGTTTGATCTCTTGAATCAAACTCGTACTCGGCCTTCGG	Hs.434875	5745	0.559425	0.64722045	0.10362122	0.0195375	0.15873763	0.898226307								
CAMK1	NM_003656_bp871_R	AGCTAAAAGAAGGCCGAGTACGAGTTTGATCTCTTGAATCAAACTCGTACTCGGCCTTCGG	Hs.434875	11121	0.547725	0.66533789	0.115360912	0.0552625	0.1924392	0.731110471								
CAMK1D	NM_153498_bp1212_R	AGCTAAAAGCCTGGACAGTTCAAATGCAATCTCTTGAATTGCATTTGAACTGTCCAGGCGG	Hs.156723	11487			0.3182											
CAMK1D	NM_153498_bp1212_R	AGCTAAAAGCCTGGACAGTTCAAATGCAATCTCTTGAATTGCATTTGAACTGTCCAGGCGG	Hs.156723	6111	-0.6891													
CAMK1D	NM_153498_bp368_R	AGCTAAAAGGCAAGCTCTTTGCTGTGAAGTCTCTTGAACTTCACAGCAAAGAGCTTGCCGG	Hs.156723	2221	1.4716	0.82715288	0.007916818	-0.046025	0.25070411	0.792316904								
CAMK1D	NM_153498_bp368_R	AGCTAAAAGGCAAGCTCTTTGCTGTGAAGTCTCTTGAACTTCACAGCAAAGAGCTTGCCGG	Hs.156723	7597	1.3786	0.83492786	0.01063369	-0.13365	0.30701086	0.494510124								
CAMK1D	NM_153498_bp368_R	AGCTAAAAGGCAAGCTCTTTGCTGTGAAGTCTCTTGAACTTCACAGCAAAGAGCTTGCCGG	Hs.156723	12973	1.6651	1.51210358	0.038741704	-0.170725	0.35224277	0.421675363								
CAMK1G	NM_020439_bp1456_R	AGCTAAAAGAGGTCATGGTACCAGTTGAATCTCTTGAATTTAACTGGTACCATGACCTCGG	Hs.199068	631	3.7737	2.65896187	0.026063692	-0.48315	0.63632539	0.304509005								
CAMK1G	NM_020439_bp1456_R	AGCTAAAAGAGGTCATGGTACCAGTTGAATCTCTTGAATTTAACTGGTACCATGACCTCGG	Hs.199068	6007	3.818466667	3.03064139	0.037296438	0.480975	0.71350555	0.197926277								
CAMK1G	NM_020439_bp1456_R	AGCTAAAAGAGGTCATGGTACCAGTTGAATCT

CAMK2G	NM_172171_bp302_R	AGCTAAAAGGCTCGGATATGTCGACTTCTTCTCTTGAAAGAAGTCGACATATCCGAGCCGG	Hs.523045	11493	-0.91095	0.68215189	0.026714063	-0.486975	0.24264107	0.034652931										
CAMK2G	NM_172171_bp428_R	AGCTAAAAGGCCAGAGAGTACTACAGTGATCTCTTGAATCACTGTAGTACTCTCTGGCCGG	Hs.523045	2257	-0.3025	0.08839087	0.073056417	0.03105	0.33098614	0.875238264										
CAMK2G	NM_172171_bp428_R	AGCTAAAAGGCCAGAGAGTACTACAGTGATCTCTTGAATCACTGTAGTACTCTCTGGCCGG	Hs.523045	7633	-0.22075	0.07690334	0.15691256	0.253775	0.46105188	0.32207019										
CAMK2G	NM_172171_bp428_R	AGCTAAAAGGCCAGAGAGTACTACAGTGATCTCTTGAATCACTGTAGTACTCTCTGGCCGG	Hs.523045	13009	1.5013	2.46720602	0.179465801	-0.044525	0.58768853	0.877278476										
CAMK4	NM_001744_bp317_R	AGCTAAAAGCTTCAAAGTGTTAAAGAAATCTCTTGAATTTCTTTAACACTTTGAGAGCGG	Hs.220629	87	-0.42785	2.26121325	0.047679496	-0.1481125	0.14422042	0.340256294										
CAMK4	NM_001744_bp317_R	AGCTAAAAGCTTCTCAAAGTGTTAAAGAAATCTCTTGAATTTCTTTAACACTTTGAGAGCGG	Hs.220629	5463	-0.385975	0.24849667	0.061795424	-0.1807125	0.06980808	0.235864948										
CAMK4	NM_001744_bp317_R	AGCTAAAAGCTTCTCAAAGTGTTAAAGAAATCTCTTGAATTTCTTTAACACTTTGAGAGCGG	Hs.220629	10839	-0.280825	0.32890312	0.182064903	-0.1296875	0.12632192	0.398669565										
CAMK4	NM_001744_bp384_R	AGCTAAAAGCCTCTCACATCCAAACATTATCTCTTGAATAATGTTTGGATGTGAGAGGCGG	Hs.220629	88	-0.766625	0.36888973	0.010447099	-0.2171225	0.30484811	0.285501828										
CAMK4	NM_001744_bp384_R	AGCTAAAAGCCTCTCACATCCAAACATTATCTCTTGAATAATGTTTGGATGTGAGAGGCGG	Hs.220629	5464	-0.638275	0.41691083	0.027098084	-0.0772125	0.40286764	0.728648055										
CAMK4	NM_001744_bp384_R	AGCTAAAAGCCTCTCACATCCAAACATTATCTCTTGAATAATGTTTGGATGTGAGAGGCGG	Hs.220629	10840	-0.478775	0.17224643	0.021619112	0.0039625	0.20306472	0.980497277										
CAMK4	NM_001744_bp550_R	AGCTAAAAGGCAGTTGCTTATCTACATGATCTCTTGAATCATGTAGATAAGCAACTGCCGG	Hs.220629	1639	-0.52165	1.8091327	0.548121762	-1.0194375	0.28286322	0.00285923										
CAMK4	NM_001744_bp550_R	AGCTAAAAGGCAGTTGCTTATCTACATGATCTCTTGAATCATGTAGATAAGCAACTGCCGG	Hs.220629	7015	-0.53405	1.73177522	0.52422788	-0.9376125	0.23287115	0.002933525										
CAMK4	NM_001744_bp550_R	AGCTAAAAGGCAGTTGCTTATCTACATGATCTCTTGAATCATGTAGATAAGCAACTGCCGG	Hs.220629	12391	-1.1667	1.7300825	0.182274823	-1.0210375	0.27111314	0.002635936										
CAMKK1	NM_032294_bp1439_R	AGCTAAAAGAGGAGGAGGTTAAGAACTCATCTCTTGAATGAGTTCTTAACCTCCTCCTCGG	Hs.8417	12739																
CAMKK1	NM_032294_bp1439_R	AGCTAAAAGAGGAGGAGGTTAAGAACTCATCTCTTGAATGAGTTCTTAACCTCCTCCTCGG	Hs.8417	7363																
CAMKK1	NM_032294_bp1439_R	AGCTAAAAGAGGAGGAGGTTAAGAACTCATCTCTTGAATGAGTTCTTAACCTCCTCCTCGG	Hs.8417	1987																
CAMKK1	NM_032294_bp212_R	AGCTAAAAGCCATCGATGTGACTCACTTGTCTCTTGAACAAGTGAGTCACATCGATGGCCGG	Hs.8417	1989	-0.154725	0.48485525	0.527010257	-0.50195	0.23267891	0.02990189										
CAMKK1	NM_032294_bp212_R	AGCTAAAAGCCATCGATGTGACTCACTTGTCTCTTGAACAAGTGAGTCACATCGATGGCCGG	Hs.8417	7365	-0.2367	0.3341395	0.251790594	-0.4262	0.19435485	0.042130412										
CAMKK1	NM_032294_bp212_R	AGCTAAAAGCCATCGATGTGACTCACTTGTCTCTTGAACAAGTGAGTCACATCGATGGCCGG	Hs.8417	12741	-0.159525	0.584829	0.566998198	-0.296525	0.14816505	0.09824701										
CAMKK1	NM_032294_bp940_R	AGCTAAAAGTACTTGCACTGCCAGAAGATTCTCTTGAAATCTTCTGGCAGTGCAAGTACGG	Hs.8417	747	2.69565	0.85547096	0.000621616	1.673275	0.40744962	0.000820439										
CAMKK1	NM_032294_bp940_R	AGCTAAAAGTACTTGCACTGCCAGAAGATTCTCTTGAAATCTTCTGGCAGTGCAAGTACGG	Hs.8417	6123	2.69365	0.69784987	0.000277801	2.034333333	0.35384428	0.001603003										
CAMKK1	NM_032294_bp940_R	AGCTAAAAGTGCACTGCCAGAAGATTCTCTTGAAATCTTCTGGCAGTGCAAGTACGG	Hs.8417	11499	2.3902	0.23310629	2.21E-05	2.063333333	0.4173812	0.002015399										
CAMKK2	NM_006549_bp1952_R	AGCTAAAAGCCATGGGGTGTGACACTATACTCTCTTGAAGTATAGTGTCACACCCATGGCGG	Hs.297343	1861	2.434075	3.47140354	0.130733278	0.4749	0.71700095	0.262091913										
CAMKK2	NM_006549_bp1952_R	AGCTAAAAGCCATGGGGTGTGACACTATACTCTCTTGAAGTATAGTGTCACACCCATGGCGG	Hs.297343	7237	2.995325	4.70528445	0.161284704	0.622266667	0.90905481	0.23228449										
CAMKK2	NM_006549_bp1952_R	AGCTAAAAGCCATGGGGTGTGACACTATACTCTCTTGAAGTATAGTGTCACACCCATGGCGG	Hs.297343	12613	3.4632	6.61112133	0.233845166	0.432633333	1.07914527	0.442584365										
CAMKK2	NM_006549_bp2003_R	AGCTAAAAGCACGAGCGGATCATGTGTTTATCTCTTGAATAAACACATGATCCGCTCGTCGG	Hs.297343	535	-0.799225	0.71594669	0.047203378	-5.6374	0.52948156	0.001285352										
CAMKK2	NM_006549_bp2003_R	AGCTAAAAGCACGAGCGGATCATGTGTTTATCTCTTGAATAAACACATGATCCGCTCGTCGG	Hs.297343	5911	-0.854475	0.87045869	0.063815525	-4.0723	2.71762062	0.033625626										
CAMKK2	NM_006549_bp2003_R	AGCTAAAAGACGAGCGGATCATGTGTTTATCTCTTGAATAAACACATGATCCGCTCGTCGG	Hs.297343	11287	-0.904825	0.89849448	0.058444985	-3.903833333	4.24021161	0.113540163										
CAMKK2	NM_006549_bp970_R	AGCTAAAAGGGCATGGAGTCCTTCATTGTTCTCTTGAAACAATGAAGGACTCCATGCCCGG	Hs.297343	1863	5.40805															
CAMKK2	NM_006549_bp970_R	AGCTAAAAGGGCATGGAGTCCTTCATTGTTCTCTTGAAACAATGAAGGACTCCATGCCCGG	Hs.297343	7239	7.22705															
CAMKK2	NM_006549_bp970_R	AGCTAAAAGGGCATGGAGTCCTTCATTGTTCTCTTGAAACAATGAAGGACTCCATGCCCGG	Hs.297343	12615	7.71305															
CANT1	NM_138793_bp1214_R	AGCTAAAAGAACTGGGTGTCCAACTACAATCTCTTGAATTGTAGTTGGACACCCAGTTCGG	Hs.8859	2868	0.7112	0.24896916	0.021785816								0.23715	0.48898705	0.37680477			
CANT1	NM_138793_bp1214_R	AGCTAAAAGAACTGGGTGTCCAACTACAATCTCTTGAATTGTAGTTGGACACCCAGTTCGG	Hs.8859	8244	0.3978	0.59073908	0.189913129								0.063075	0.70768591	0.84382054			
CANT1	NM_138793_bp1214_R	AGCTAAAAGAACTGGGTGTCCAACTACAATCTCTTGAATTGTAGTTGGACACCCAGTTCGG	Hs.8859	13620	0.4878	0.61367953	0.130730496								0.318425	0.73019605	0.348045071			
CANT1	NM_138793_bp269_R	AGCTAAAAGCTACCTCATCCATGAGCTTCTCTTGAAAGACTCATGGATGAGCTAGCCGG	Hs.8859	2872	-0.183625	0.31476319	0.348408424								-0.675125	0.43581756	0.028451951			
CANT1	NM_138793_bp269_R	AGCTAAAAGCTACCTCATCCATGAGCTTCTCTTGAAAGACTCATGGATGAGCTAGCCGG	Hs.8859	8248	-0.13605	0.32360435	0.483607881								-0.679575	0.45986306	0.030284367			
CANT1	NM_138793_bp1269_R	AGCTAAAAGGCTACCTCATCCATGAGCTTCTCTTGAAAGACTCATGGATGAGCTAGCCGG	Hs.8859	13624	-0.1179	0.3131772	0.535138691								-0.62545	0.50829813	0.048069357			
CAPN2	AK124751_bp1882_R	AGCTAAAAGGCCAATCTTGAAGAGTTCTCTCTTGAAGGACTTCTCAAGATTGGCCTCGG	Hs.350899	4188	1.8226375	0.47538842	0.000456612								-0.116225	0.43726054	0.640542576			
CAPN2	AK124751_bp1882_R	AGCTAAAAGGCCAATCTTGAAGAGTTCTCTCTTGAAGGACTTCTCAAGATTGGCCTCGG	Hs.350899	9564	1.9371875	0.41418943	0.000224732								0.268325	0.14593383	0.201252332			
CAPN2	AK124751_bp1882_R	AGCTAAAAGAGGCCAATCTTGAAGAGTTCTCTCTTGAAGGACTTCTCAAGATTGGCCTCGG	Hs.350899	14940	1.9746375	0.50940911	0.000390225								0.10775	0.36787321	0.643866978			
CAPN2	AK124751_bp2112_R	AGCTAAAAGTGAAGGAGTTCTACATTCTTCTCTTGAAAGAATGTAGAACTCCTTCAGCGG	Hs.350899	4186	-0.4680375	0.37070553	0.059642295								0.132625	0.32547838	0.556674712			
CAPN2	AK124751_bp2112_R	AGCTAAAAGCTGAAGGAGTTCTACATTCTTCTCTTGAAAGAATGTAGAACTCCTTCAGCGG	Hs.350899	9562	-0.4365125	0.33866972	0.063658818								0.064625	0.34306925	0.77543687			
CAPN2	AK124751_bp2112_R	AGCTAAAAGCTGAAGGAGTTCTACATTCTTCTCTTGAAAGAATGTAGAACTCCTTCAGCGG	Hs.350899	14938	-0.3402375	0.31983718	0.115478205								0.076425	0.30255045	0.727132295			
CAPN2	AK124751_bp2177_R	AGCTAAAAGGTGGATCTGTGTTGGGAAACTCTCTTGAAGTTTCCCAACACAGATCCACCGG	Hs.350899	4190	0.9801625	0.27655376	0.002059464								0.369075	0.32315728	0.132944064			
CAPN2	AK124751_bp2177_R	AGCTAAAAGGTGGATCTGTGTTGGGAAACTCTCTTGAAGTTTCCCAACACAGATCCACCGG	Hs.350899	9566	0.9021125	0.3000426	0.003457406								0.29225	0.25291153	0.191565689			
CAPN2	AK124751_bp2177_R	AGCTAAAAGGTGGATCTGTGTTGGGAAACTCTCTTGAAGTTTCCCAACACAGATCCACCGG	Hs.350899	14942	0.9323125	0.29265001	0.002854837								0.322475	0.28363107	0.167505387			
CARD10	NM_014550_bp399_R	AGCTAAAAGCCAATTCTTGATGACAGATCTCTTGAATCTGTCATCAAGAATTGGGTCGG	Hs.5793	2533	0.485825	1.09983952	0.28269144								-0.4290375	0.2690997	0.106968658			
CARD10	NM_014550_bp399_R	AGCTAAAAGCCAATTCTTGATGACAGATCTCTTGAATCTGTCATCAAGAATTGGGTCGG	Hs.5793	7909	0.577675	1.36586715	0.301502737								-0.4325125	0.26512372	0.102481362			
CARD10	NM_014550_bp399_R	AGCTAAAAGCCAATTCTTGATGACAGATCTCTTGAATCTGTCATCAAGAATTGGGTCGG	Hs.5793	13285	0.659575	1.20530695	0.204592664								-0.52065	0.35663273	0.127593591			
CARD10	NM_014550_bp605_R	AGCTAAAAGCCTCAAGGATGAGAACTACATCTCTTGAATTTGAGCTTGAGCTGATCCACGG	Hs.5793	2535	-0.1445	0.91394846	0.827173766								1.1462125	0.45242492	0.002549898			
CARD10	NM_014550_bp605_R	AGCTAAAAGGCTCAAGGATGAGAACTACATCTCTTGAATGTAGTTCTCTATCCTTGAGCCGG	Hs.5793	7911	-0.252175	0.92745437	0.635183151								0.7697875	1.08718263	0.103282646			
CARD10	NM_014550_bp605_R	AGCTAAAAGCCTCAAGGATGAGAACTACATCTCTTGAATTTGAGCTTGAGCTGATCCACGG	Hs.5793	13287	-0.202325	0.85059785	0.701615113								0.7665375	1.0047196	0.099747523			
CARD10	NM_014550_bp703_R	AGCTAAAAGTGGATCAGCTCAAGCTCAAATCTCTTGAATTTGAGCTTGAGCTGATCCACGG	Hs.5793	2531	0.978275	0.29106193	0.002213085								-0.2694625	0.7874027	0.517387703			
CARD10	NM_014550_bp703_R	AGCTAAAGTGGATCAGCTCAAGCTCAAATCTCTTGAATTTGAGCTTGAGCTGATCCACGG	Hs.5793	7907	0.992	0.38016627	0.003715214								-0.0197875	0.7340525	0.943792305			
CARD10	NM_014550_bp703_R	AGCTAAAGTGGATCAGCTCAAGCTCAAATCTCTTGAATTTGAGCTTGAGCTGATCCACGG	Hs.5793	13283	0.94425	0.33775397	0.003409469								-0.2895875	0.76601313	0.474416093			
CARD11	NM_032415_bp1368_R	AGCTAAAAGGGGAAAGGACTGTGAAATGTATCTCTTGAATACATTTCACAGTCCTTTCCCGG	Hs.300355	902	2.9359625	1.12303506	0.001289578								3.5055375	3.59596965	0.032784851	2.18925	1.14455479	0.031455918	1.0733	1.17597646	0.254710277
CARD11	NM_032415_bp1368_R	AGCTAAAAGGGGAAAGGACTGTGAAATGTATCTCTTGAATACATTTCACAGTCCTTTCCCGG	Hs.300355	6278	3.6651625	2.19195503	0.00784705								2.47965	2.22780269	0.030840622	2.08115	0.98705511	0.024371613	1.016066667	1.22688225	0.287892435
CARD11	NM_032415_bp1368_R	AGCTAAAAGGGGAAAGGACTGTGAAATGTATCTCTTGAATACATTTCACAGTCCTTTCCCGG	Hs.300355	11654	4.0119875	2.07159382	0.004284848								4.347	5.66915791	0.094671431	2.363933333	1.391106	0.098647373	1.0271	1.20495667	0.277849839
CARD11	NM_032415_bp2487_R	AGCTAAAAGTTGGACACATGCACCAAAGATCTCTTGAATCTTTGGTGCATGTGTCCAACGG	Hs.300355	903	0.3210625	0.63084452	0.297209646								0.3529875	0.8462897	0.348197148	0.49865	0.09892424	0.088725268	0.137025	0.6957796	0.719999716
CARD11	NM_032415_bp2487_R	AGCTAAAAGTTGGACACATGCACCAAAGATCTCTTGAATCTTTGGTGCATGTGTCCAACGG	Hs.300355	6279	0.2956875	0.60286358	0.317682667								0.3006125	0.91283278	0.444213755	0.41685	0.02708219	0.029255628	0.099866667	0.22352079	0.519966356
CARD11	NM_032415_bp2487_R	AGCTAAAAGTTGGACACATGCACCAAAGATCTCTTGAATCTTTGGTGCATGTGTCCAACGG	Hs.300355	11655	0.3295625	0.57684047	0.257133251								0.3691875	0.9724987	0.375160531	0.6213	0.20407102	0.145282353	0.1437	0.00173494	4.86E-05
CARD11	NM_032415_bp900_R	AGCTAAAAGGACGACAACTACAACTTAGCTCTCTTGAAGCTAAGTTGTAGTTGTCGTCCGG	Hs.300355	7642	0.5606															-0.8719
CARD11	NM_032415_bp900_R	AGCTAAAAGGACGACAACTACAACTTAGCTCTCTTGAAGCTAAGTTGTAGTTGTCGTCCGG	Hs.300355	13018	1.0028															
CARD11	NM_032415_bp900_R	AGCTAAAAGGACGACAACTACAACTTAGCTCTCTTGAAGCTAAGTTGTAGTTGTCGTCCGG	Hs.300355	2266	0.8156															
CARD14	NM_024110_bp1753_R	AGCTAAAAGACCCACACCTGGATTATGAGTCTCTTGAACTCATAATCCAGGTGTGGGTCGG	Hs.550529	1410	-0.373475	0.45533808	0.205077071								-0.7980875	0.51851292	0.025692839			
CARD14	NM_024110_bp1753_R	AGCTAAAAGACCCACACCTGGATTATGAGTCTCTTGAACTCATAATCCAGGTGTGGGTCGG	Hs.550529	6786	-0.43145	0.41632305	0.128029199								-0.7070125	0.49542173	0.03794777			
CARD14	NM_024110_bp1753_R	AGCTAAAAGACCCACACCTGGATTATGAGTCTCTTGAACTCATAATCCAGGTGTGGGTCGG	Hs.550529	12162	-0.44855	0.44093259	0.124498347								-0.7021125	0.60667328	0.056341479			
CARD14	NM_024110_bp2354_R	AGCTAAAAGCGTGAACTCTTACACCATGATCTCTTGAATCATGTGTAAGAGTTCACGCGG	Hs.550529	1409	-0.56015	0.16788626	0.019157948								-0.6409625	0.11480801	0.017157722			
CARD14	NM_024110_bp2354_R	AGCTAAAAGCGTGAACTCTTACACCATGATCTCTTGAATCATGTGTAAGAGTTCACGCGG	Hs.550529	6785	-0.5215	0.25288016	0.036927491								-0.51785	0.45679122	0.148912064			
CARD14	NM_024110_bp2354_R	AGCTAAAAGCGTGAACTCTTACACCATGATCTCTTGAATCATGTGTAAGAGTTCACGCGG	Hs.550529	12161	-0.62045	0.23892612	0.017814732								-0.5312375	0.22723375	0.046745724			
CARD14	NM_024110_bp243_R	AGCTAAAAGGAGACACTGTGGGAGATGATTCTCTTGAAATCATCTCCCACAGTGTCTCCGG	Hs.550529	6787	4.123275	2.90490072	0.041748034								2.62265	1.38886371	0.004513016			
CARD14	NM_024110_bp243_R	AGCTAAAAGGAGACACTGTGGGAGATGATTCTCTTGAATCATCTCCCACAGTGTCTCCGG	Hs.550529	12163	3.541866667	1.23442294	0.003903829								2.038625	0.41637975	9.70E-05			
CARD14	NM_024110_bp243_R	AGCTAAAAGGAGACACTGTGGGAGATGATTCTCTTGAATCATCTCCCACAGTGTCTCCGG	Hs.550529	1411	3.211575	1.43850268	0.014882467								2.28775					
CARD15	NM_022162_bp2559_R	AGCTAAAAGGCTCTGTATTTGCGCGATAATCTCTTGAATTATCGCGCAAATACAGAGCCGG	Hs.592072	2652	-1.121233333	0.48319676	0.012593659								0.4160125	0.2971271	0.068926085			
CARD15	NM_022162_bp2559_R	AGCTAAAAGGCTCTGTATTTGCGCGATAATCTCTTGAATTATCGCGCAAATACAGAGCCGG	Hs.592072	8028	-1.2457	0.57985819	0.012895847								0.5441125	0.26021477	0.026574946			
CARD15	NM_022162_bp2559_R	AGCTAAAAGGCTCTGTATTTGCGCGATAATCTCTTGAATTATCGCGCAAATACAGAGCCGG	Hs.592072	13404	-1.093466667	0.61651441	0.023767402								0.4188875	0.22615003	0.05656546			
CARD15	NM_022162_bp2735_R	AGCTAAAAGGCTGGGGAATAACTACATCATCTCTTGAATGATGTAGTTATTCCCCAGCCGG	Hs.592072	1524	1.31455	0.38273997	0.000954824								-0.2080625	0.58813201	0.568556806			
CARD15	NM_022162_bp2735_R	AGCTAAAAGGCTGGGGAATAACTACATCATCTCTTGAATGATGTAGTTATTCCCCAGCCGG	Hs.592072	6900	1.229775	0.49071909	0.002709249								-0.2297375	0.69573108	0.561254026			
CARD15	NM_022162_bp2735_R	AGCTAAAAGGCTGGGGAATAACTACATCATCTCTTGAATGATGTAGTTATTCCCCAGCCGG	Hs.592072	12276	1.25515	0.37978537	0.001188737								-0.2136875	0.4841179	0.51659782			
CARD15	NM_022162_bp691_R	AGCTAAAAGCTGCCTTCCTTCTACAACATTCTCTTGAAATGTTGTAGAAGGAAGGCAGCGG	Hs.592072	1523	-0.514825	0.37735188	0.065316471								-0.3839375	1.11713091	0.460078985			
CARD15	NM_022162_bp691_R	AGCTAAAAGCTGCCTTCCTTCTACAACATTCTCTTGAAATGTTGTAGAAGGAAGGCAGCGG	Hs.592072	6899	0.016075	0.32453385	0.692783213								-0.6568125	0.87080659	0.13369234			
CARD15	NM_022162_bp691_R	AGCTAAAAGCTGCCTTCCTTCTACAACATTCTCTTGAAATGTTGTAGAAGGAAGGCAGCGG	Hs.592072	12275	-0.690733333	0.57613805	0.102049124								-0.0064125	0.83998724	0.919697505			
CARD4	NM_006092_bp2543_R	AGCTAAAAGCCCTAGACCTAGACAACAACTCTCTTGAAGTTGTTGTCTAGGTCTAGGGCCGG	Hs.405153	1384	0.557925	1.60944696	0.380510769								-1.09241667	1.67016881	0.164281108			
CARD4	NM_006092_bp2543_R	AGCTAAAAGCCCTAGACCTAGACAACAACTCTCTTGAAGTTGTTGTCTAGGTCTAGGGCCGG	Hs.405153	6760	0.674275	1.83069399	0.358558305								-0.89191667	1.52944319	0.21428003			
CARD4	NM_006092_bp2543_R	AGCTAAAAGCCCTAGACCTAGACAACAACTCTCTTGAAGTTGTTGTCTAGGTCTAGGGCCGG	Hs.405153	12136	0.7514	1.86458542	0.324264772								-0.97818333	1.46284479	0.164766626			
CARD4	NM_006092_bp3172_R	AGCTAAAAGGCAGATGCGTTACAGAGCAATCTCTTGAATTGCTCTGTAACGCATCTGCCGG	Hs.405153	1383	0.268	0.23607868	0.105504678								-0.3351375	0.87974787	0.443776642			
CARD4	NM_006092_bp3172_R	AGCTAAAAGGCAGATGCGTTACAGAGCAATCTCTTGAATTGCTCTGTAACGCATCTGCCGG	Hs.405153	6759	0.114825	0.20806251	0.309839411								0.0948875	1.54475193	0.816859936			
CARD4	NM_006092_bp3172_R	AGCTAAAAGGCAGATGCGTTACAGAGCAATCTCTTGAATTGCTCTGTAACGCATCTGCCGG	Hs.405153	12135	0.095275	0.11288468	0.205664782								-0.2520125	0.95342072	0.601096735			
CARD4	NM_006092_bp3242_R	AGCTAAAAGAGGCCAAAGTCTATGAAGATTCTCTTGAAATCTTTAGCCTTCGGCCTCGG	Hs.405153	2385	0.234	0.41876753	0.201558138								-0.5445875	0.39361924	0.067369409			
CARD4	NM_006092_bp3242_R	AGCTAAAAGAGGCCAAAGTCTATGAAGATTCTCTTGAAATCTTCATAGACTTTGGCCTCGG	Hs.405153	7761	0.094775	0.56008763	0.558707413								-0.8279625	0.61266726	0.029994925			
CARD4	NM_006092_bp3242_R	AGCTAAAAGAGGCCAAAGTCTATGAAGATTCTCTTGAAATCTTCATAGACTTTGGCCTCGG	Hs.405153	13137	0.164875	0.4600066	0.340038964								-0.6904625	0.50399965	0.041179244			
CARD8	NM_014959_bp1265_R	AGCTAAAAGGGGACTTTGGTGTGGGATACTTCTCTTGAAGTATCCCACACCAAAGTCCCCGG	Hs.446146	2483	0.524925	0.17304686	0.010291531								0.2544875	0.5525005	0.301779758			
CARD8	NM_014959_bp1265_R	AGCTAAAAGGGGACTTTGGTGTGGGATACTTCTCTTGAAGTATCCCACACCAAAGTCCCCGG	Hs.446146	7859	0.5604	0.10869596	0.006383552								0.3273625	0.59236996	0.224513885			
CARD8	NM_014959_bp1265_R	AGCTAAAAGGGGACTTTGGTGTGGGATACTTCTCTTGAAGTATCCCACACCAAAGTCCCCGG	Hs.446146	13235	0.828925	0.50780867	0.014847403								0.4195625	0.53598225	0.123376256			
CARD8	NM_014959_bp1568_R	AGCTAAAAGACCCTTACCTCGTGTCCTATTCTCTTGAAATAGGACACGAGGTAAGGGTCGG	Hs.446146	1459	-1.14615	0.07736518	0.000467133								-0.1536125	0.35693867	0.62975128			
CARD8	NM_014959_bp1568_R	AGCTAAAAGACCCTTACCTCGTGTCCTATTCTCTTGAAATAGGACACGAGGTAAGGGTCGG	Hs.446146	6835	-1.0998	0.09625187	0.000604506								-0.0958125	0.33640658	0.813132891			
CARD8	NM_014959_bp1568_R	AGCTAAAAGACCCTTACCTCGTGTCCTATTCTCTTGAAATAGGACACGAGGTAAGGGTCGG	Hs.446146	12211	-1.041625	0.09219563	0.000758941								-0.1748375	0.29396184	0.546474854			
CARD8	NM_014959_bp502_R	AGCTAAAAGATGTTGAGTTGATTGATAATCTCTTGAATTATCAATCAACTCAACATCCGG	Hs.446146	2485	-1.6123	0.19496742	0.000147514								-1.1591875	0.91829968	0.022724792			
CARD8	NM_014959_bp502_R	AGCTAAAAGATGTTGAGTTGATTGATAATCTCTTGAATTATCAATCAACTCAACATCCGG	Hs.446146	7861	-1.6733	0.24886162	0.000180525								-1.0099375	1.02969515	0.052607592			
CARD8	NM_014959_bp502_R	AGCTAAAAGATGTTGAGTTGATTGATAATCTCTTGAATTATCAATCAACTCAACATCCGG	Hs.446146	13237	-1.64335	0.24609935	0.0001912								-0.56751667	0.39327651	0.105090345			
CARD9	NM_022352_bp1134_R	AGCTAAAAGGCACTACGTAAGGACTCCAATCTCTTGAATTGGAGTCCTTACGTAGTGCCGG		2338	-0.5627	0.54968027	0.091162613								-0.6242	0.97552452	0.273165745			
CARD9	NM_022352_bp1134_R	AGCTAAAAGGCACTACGTAAGGACTCCAATCTCTTGAATGGAGTCCTTACGTAGTGCCGG		7714	-0.60415	0.52298128	0.066043899								-0.03365	0.12635998	0.990028687			
CARD9	NM_022352_bp1134_R	AGCTAAAAGGCACTACGTAAGGACTCCAATCTCTTGAATTGGAGTCCTTACGTAGTGCCGG		13090	-0.632325	0.51654856	0.055719087								-0.5599	0.71686486	0.261518248			
CARD9	NM_022352_bp2053_R	AGCTAAAAGACACGCCATCTGTGTAACTTCTCTTGAAAGTTACACAGATGGCGTGTGCGG		2687	0.05575	0.19958377	0.504052581								0.9245875	0.75079011	0.023224452			
CARD9	NM_022352_bp2053_R	AGCTAAAAGACACGCCATCTGTGTAACTTCTCTTGAAAGTTACACAGATGGCGTGTGCGG		8063	0.0249	0.05815581	0.568598112								0.8527625	0.79682689	0.036235714			
CARD9	NM_022352_bp2053_R	AGCTAAAAGACACGCCATCTGTGTAACTTCTCTTGAAAGTTACACAGATGGCGTGTGCGG		13439	0.104025	0.09384315	0.295648598								0.8814375	0.82158135	0.034985139			
CARD9	NM_022352_bp306_R	AGCTAAAAGGTTCATCCGGAAACGGAAAGTTCTCTTGAAACTTTCCGTTTGCGGATGACCGG		2336	0.141625	0.16657663	0.22642491								0.5521875	1.1144192	0.216635301			
CARD9	NM_022352_bp306_R	AGCTAAAAGGTTCATCCGGAAACGGAAAGTTCTCTTGAAACTTTCCGTTTGCGGATGACCGG		7712	0.1112	0.27097458	0.34362668								0.7654875	1.11465772	0.109755924			
CARD9	NM_022352_bp306_R	AGCTAAAAGGTTCATCCGGAAACGGAAAGTTCTCTTGAAACTTTCCGTTTGCGGATGACCGG		13088	0.149425	0.16183068	0.209254113								0.7409875	1.24514908	0.148267944			
CASK	NM_003688_bp1706_R	AGCTAAAAGGGGAGTATTACCTTCAAGATCTCTTGAATCTTGAAGGTAATACTCCCCCGG	Hs.495984	1648	0.7015	0.2160305	0.006042476	0.8694875

CASP3	NM_004346_bp914_R	AGCTAAAAGCCGACAAGCTTGAATTTATGTCTCTTGAACATAAATTCAAGCTTGTCGGCGG	Ht.141125	856	-0.8552375	0.76698028	0.045650048			-0.1905875	1.75109407	0.775886426										
CASP3	NM_004346_bp914_R	AGCTAAAAGCCGACAAGCTTGAATTTATGTCTCTTGAACATAAATTCAAGCTTGTCGGCGG	Ht.141125	6232	-0.8722125	0.73454434	0.038097369			-0.1992625	1.77869934	0.769280751										
CASP3	NM_004346_bp914_R	AGCTAAAAGCCGACAAGCTTGAATTTATGTCTCTTGAACATAAATTCAAGCTTGTCGGCGG	Ht.141125	11608	-0.8746625	0.74461362	0.039180062			-0.1883625	1.77542071	0.781126392										
CASP6	NM_001226_bp355_R	AGCTAAAAGCAGAAGAACTACTGCTCAAATCTCTTGAATTTGAGCAGTAGTTCTTCTGCGG	Ht.3280	809	0.4261375	0.25005262	0.045887218			-0.5036625	0.23979474	0.04393747										
CASP6	NM_001226_bp355_R	AGCTAAAAGCAGAAGAACTACTGCTCAAATCTCTTGAATTTGAGCAGTAGTTCTTCTGCGG	Ht.3280	6185	0.4529375	0.31746512	0.051734074			-0.5789625	0.23529163	0.026131682										
CASP6	NM_001226_bp355_R	AGCTAAAAGCAGAAGAACTACTGCTCAAATCTCTTGAATTTGAGCAGTAGTTCTTCTGCGG	Ht.3280	11561	0.4230375	0.20185454	0.03783658			-0.5629125	0.22053888	0.027930388										
CASP6	NM_001226_bp747_R	AGCTAAAAGAACGGCTCATGGTACATTCATCTCTTGAATGAATGTACCATGAGCCGTTCGG	Ht.3280	810	-0.6590375	0.74932219	0.092235447			0.95565	1.58210013	0.180561572										
CASP6	NM_001226_bp747_R	AGCTAAAAGAACGGCTCATGGTACATTCATCTCTTGAATGAATGTACCATGAGCCGTTCGG	Ht.3280	6186	-0.7125875	0.75866855	0.076703239			0.934483333	1.55547529	0.183391839										
CASP6	NM_001226_bp747_R	AGCTAAAAGAACGGCTCATGGTACATTCATCTCTTGAATGAATGTACCATGAGCCGTTCGG	Ht.3280	11562	-0.6973875	0.79540413	0.090704424			0.910016667	1.55081753	0.19223968										
CASP6	NM_001226_bp796_R	AGCTAAAAGCGCTCCTCCTTAGAGTTCACATCTCTTGAATGTGAACTCTAAGGAGGAGCCGG	Ht.3280	2166	-0.9279625	0.57226498	0.015130844			-0.7187875	0.47178859	0.025379013										
CASP6	NM_001226_bp796_R	AGCTAAAAGCGCTCCTCCTTAGAGTTCACATCTCTTGAATGTGAACTCTAAGGAGGAGCCGG	Ht.3280	7542	-0.9484125	0.61220338	0.016904757			-0.6856375	0.40106151	0.023607166										
CASP6	NM_001226_bp796_R	AGCTAAAAGCGCTCCTCCTTAGAGTTCACATCTCTTGAATGTGAACTCTAAGGAGGAGCCGG	Ht.3280	12918	-0.9810125	0.51806525	0.009164241			-0.7921125	0.59083302	0.027454924										
CASP7	NM_033339_bp422_R	AGCTAAAAGGTTGAGGATTCAGCAAATGATCTCTTGAATCATTTGCTGAATCCTCAACCGG	Ht.9216	909	2.4203125	1.49240618	0.009362856			0.422783333	0.92300004	0.34162134	0.377433333	0.41109671	0.252750708	0.298175	0.59189255	0.38789995				
CASP7	NM_033339_bp422_R	AGCTAAAAGGTTGAGGATTCAGCAAATGATCTCTTGAATCATTTGCTGAATCCTCAACCGG	Ht.9216	6285	3.2455125	1.95821045	0.008230318			1.571375	1.72580017	0.08013819	0.2635	0.40407565	0.283203811	0.314	0.35491539	0.174965813				
CASP7	NM_033339_bp422_R	AGCTAAAAGGTTGAGGATTCAGCAAATGATCTCTTGAATCATTTGCTGAATCCTCAACCGG	Ht.9216	11661	2.4860625	1.41149553	0.006763517			0.589016667	0.9826971	0.220811395	0.35345	0.41078456	0.183761298	0.1493	0.48278206	0.580032544				
CASP7	NM_033339_bp584_R	AGCTAAAAGCTGGGCAAATGCATCATAAATTCTCTTGAAATTATGATGCATTTGCCCAGCGG	Ht.9216	910	2.0098625	1.23940324	0.009772018			0.8831125	1.07854451	0.079048091	0.4392	0.47230469	0.15985907	0.635825	0.5655229	0.110077955				
CASP7	NM_033339_bp584_R	AGCTAAAAGCTGGGCAAATGCATCATAAATTCTCTTGAAATTATGATGCATTTGCCCAGCGG	Ht.9216	6286	2.0756625	1.30105442	0.010299394			0.8619875	1.08315829	0.085643171	0.328275	0.28560705	0.105105139	0.546225	0.34323424	0.04998597				
CASP7	NM_033339_bp584_R	AGCTAAAAGCTGGGCAAATGCATCATAAATTCTCTTGAAATTATGATGCATTTGCCCAGCGG	Ht.9216	11662	2.1872875	1.30604529	0.008466371			0.9485875	1.03073882	0.056638382	0.58225	0.14724991	0.004214703	0.50565	0.46572573	0.118294829				
CASP7	NM_033339_bp985_R	AGCTAAAAGCCCCATAATGACACAGATGTCTCTTGAACATCTGTGTCATTGATGGGCCGG	Ht.9216	13022												2.7183						
CASP7	NM_033339_bp985_R	AGCTAAAAGCCCCATAATGACACAGATGTCTCTTGAACATCTGTGTCATTGATGGGCCGG	Ht.9216	7646												2.8438						
CASP8	NM_033357_bp1090_R	AGCTAAAAGCAGGTACAGTAGAACCCAAATCTCTTGAATTTGGGTTCTACTGTACCTGCGG		911	0.3013375	0.80563626	0.412465553			1.7195			-0.2832	0.8906786	0.637124168	-0.1338	0.80868269	0.762478675				
CASP8	NM_033357_bp1090_R	AGCTAAAAGCAGGTACAGTAGAACCCAAATCTCTTGAATTTGGGTTCTACTGTACCTGCGG		6287	0.2540125	0.75817285	0.463766997			1.7116			-0.0888	0.66595504	0.8069242	0.0734	0.66106277	0.838520492				
CASP8	NM_033357_bp1090_R	AGCTAAAAGCAGGTACAGTAGAACCCAAATCTCTTGAATTTGGGTTCTACTGTACCTGCGG		11663	0.3283875	0.8001746	0.372304929			1.821			-0.027275	0.90764419	0.955855129	-0.0449	0.66773229	0.901534545				
CASP8	NM_033357_bp480_R	AGCTAAAAGGAGGCTGCTCTTCCGAATTAATCTCTTGAATTAATCGGAAGAGCAGCTCCGG		2272	-0.7254125	0.43086963	0.018354397			-1.478375	0.90572025	0.006545384	-0.973125	0.8924081	0.117250368	-0.605425	0.92093572	0.280051159				
CASP8	NM_033357_bp480_R	AGCTAAAAGGAGGCTGCTCTTCCGAATTAATCTCTTGAATTAATCGGAAGAGCAGCTCCGG		7648	-0.6947875	0.35120815	0.013844951			-1.4020125	0.68894615	0.003371484	-0.859375	0.71860943	0.096587059	-0.59525	0.92963023	0.290360588				
CASP8	NM_033357_bp480_R	AGCTAAAAGGAGGCTGCTCTTCCGAATTAATCTCTTGAATTAATCGGAAGAGCAGCTCCGG		13024	-0.6078125	0.35030211	0.022705806			-1.4959875	0.74323796	0.003134444	-0.74385	0.77418376	0.150395657	-0.3749	1.01488353	0.513578492				
CASP8	NM_033357_bp888_R	AGCTAAAAGGAGGAGGTTGTGTGGGGTAATTCTCTTGAAATTACCCCACACAACTCCTCCGG		2274	0.1251					2.7826						0.30705	0.63519402	0.618250299				
CASP8	NM_033357_bp888_R	AGCTAAAAGGAGGAGGTTGTGTGGGGTAATTCTCTTGAAATTACCCCACACAACTCCTCCGG		13026	0.0072					3.2695												
CASP8	NM_033357_bp888_R	AGCTAAAAGGAGGAGGTTGTGTGGGGTAATTCTCTTGAAATTACCCCACACAACTCCTCCGG		7650	-0.0282																	
CASP9	NM_001229_bp258_R	AGCTAAAAGCCAGGCAGCTGATCATAGATTCTCTTGAAATCTATGATCAGCTGCCTGGCGG	Ht.329502	2168	1.739083333	2.1403058	0.12145238			3.40315												
CASP9	NM_001229_bp258_R	AGCTAAAAGCCAGGCAGCTGATCATAGATTCTCTTGAAATCTATGATCAGCTGCCTGGCGG	Ht.329502	7544	2.267283333	3.22337789	0.161663994			4.34345												
CASP9	NM_001229_bp258_R	AGCTAAAAGCCAGGCAGCTGATCATAGATTCTCTTGAAATCTATGATCAGCTGCCTGGCGG	Ht.329502	12920	2.573883333	3.66717271	0.1617769			5.59435												
CASP9	NM_001229_bp510_R	AGCTAAAAGTCGGTGCTTTGAGAGTTTGTCTCTTGAACAAACTCTCAAGAGACACCGACGG	Ht.329502	811	-0.6619375	0.29429085	0.012014377			-0.0005125	0.41676863	0.998308448										
CASP9	NM_001229_bp510_R	AGCTAAAAGTCGGTGCTTTGAGAGTTTGTCTCTTGAACAAACTCTCAAGAGACACCGACGG	Ht.329502	6187	-0.6381625	0.33663079	0.017608281			0.0336375	0.41278508	0.889010062										
CASP9	NM_001229_bp510_R	AGCTAAAAGTCGGTGCTTTGAGAGTTTGTCTCTTGAACAAACTCTCAAGAGACACCGACGG	Ht.329502	11563	-0.6196375	0.31720059	0.017648941			0.0579375	0.38843463	0.805234125										
CASP9	NM_001229_bp576_R	AGCTAAAAGGCCACTGCCTCATTATCAACTCTCTTGAAGTTGATAATGAGGCAGTGGCCGG	Ht.329502	812	1.2345625	0.38367067	0.001494365			0.1574875	0.92595774	0.686227112										
CASP9	NM_001229_bp576_R	AGCTAAAAGGCCACTGCCTCATTATCAACTCTCTTGAAGTTGATAATGAGGCAGTGGCCGG	Ht.329502	6188	1.2339625	0.3930295	0.001594339			0.1065125	0.90983038	0.781048733										
CASP9	NM_001229_bp576_R	AGCTAAAAGGCCACTGCCTCATTATCAACTCTCTTGAAGTTGATAATGAGGCAGTGGCCGG	Ht.329502	11564	1.2796125	0.35160345	0.001020697			0.1919125	0.88257351	0.611219116										
CAST1	NM_015576_bp2939_R	AGCTAAAAGACCGACTAGTACATCAATTATCTCTTGAATAATTGATGTACTAGTCGGTCGG	Ht.476389	1464	1.332425	1.30164786	0.042790699			-0.5626625	0.32227326	0.050666883										
CAST1	NM_015576_bp2939_R	AGCTAAAAGACCGACTAGTACATCAATTATCTCTTGAATAATTGATGTACTAGTCGGTCGG	Ht.476389	6840	1.184575	1.16145782	0.043556266			-0.5138625	0.8946674	0.242697746										
CAST1	NM_015576_bp2939_R	AGCTAAAAGACCGACTAGTACATCAATTATCTCTTGAATAATTGATGTACTAGTCGGTCGG	Ht.476389	12216	1.300925	1.25255552	0.041449582			-0.6208875	0.5245684	0.066702058										
CAST1	NM_015576_bp507_R	AGCTAAAAGGGCTACAAATCGAGCTGTATTCTCTTGAAATACAGCTCGATTTGTAGCCCGG	Ht.476389	2491	-0.206775	0.38995335	0.474729282			-1.08255	0.8994562	0.047152426										
CAST1	NM_015576_bp507_R	AGCTAAAAGGGCTACAAATCGAGCTGTATTCTCTTGAAATACAGCTCGATTTGTAGCCCGG	Ht.476389	7867	-0.24085	0.55794557	0.490469091			-0.8098875	0.91237255	0.080924101										
CAST1	NM_015576_bp507_R	AGCTAAAAGGGCTACAAATCGAGCTGTATTCTCTTGAAATACAGCTCGATTTGTAGCCCGG	Ht.476389	13243	-0.15135	0.39611818	0.647397414			-0.34041667	0.24052787	0.274122724										
CAST1	NM_015576_bp832_R	AGCTAAAAGGAGAGAGTCTTGAGGAAAGATCTCTGAATCTTTCCTCAAGACTCTCTCCGG	Ht.476389	2493	0.705275	0.45643196	0.018333904			0.4768375	0.18210684	0.034357265										
CAST1	NM_015576_bp832_R	AGCTAAAAGGAGAGAGTCTTGAGGAAAGATCTCTGAATCTTTCCTCAAGACTCTCTCCGG	Ht.476389	7869	0.74975	0.41465322	0.011743743			0.4581125	0.18266888	0.039257969										
CAST1	NM_015576_bp832_R	AGCTAAAAGGAGAGAGTCTTGAGGAAAGATCTCTGAATCTTTCCTCAAGACTCTCTCCGG	Ht.476389	13245	0.75955	0.39161637	0.009932039			0.4705125	0.17698024	0.035570642										
CBFA2T3	NM_005187_bp1030_R	AGCTAAAAGAGCTGCTACTGGAAGTCAACTCTCTTGAAGTTGACTTCCAGTAGCAGCTCGG	Ht.513811	3337	2.41415	0.62827341	0.000314222			1.0668125	0.66333412	0.010760458	0.587125	0.85183143	0.26185973	1.719525	0.4969112	0.006184104				
CBFA2T3	NM_005187_bp1030_R	AGCTAAAAGAGCTGCTACTGGAAGTCAACTCTCTTGAAGTTGACTTCCAGTAGCAGCTCGG	Ht.513811	8713	2.0082	0.42344468	0.000201764			1.0033125	0.61349414	0.011471146	0.584075	0.82530267	0.251896412	1.697525	0.51917613	0.007268952				
CBFA2T3	NM_005187_bp1030_R	AGCTAAAAGAGCTGCTACTGGAAGTCAACTCTCTTGAAGTTGACTTCCAGTAGCAGCTCGG	Ht.513811	14089	2.042775	0.34586092	0.000106904			1.0826875	0.47008732	0.004257391	0.580575	0.81931295	0.251420164	1.7881	0.52450396	0.006453613				
CBFA2T3	NM_005187_bp549_R	AGCTAAAAGTCTATGGCTGTCTCTTGATTCCTCTGAAATCAAGAGACAGACCATAGACGG	Ht.513811	3339	1.098025	0.6287776	0.010389596			0.2952875	0.73315849	0.382933093	0.506975	0.36509702	0.06915147	0.38725	0.13301284	0.01008773				
CBFA2T3	NM_005187_bp549_R	AGCTAAAAGTCTATGGCTGTCTCTTGATTCCTCTGAAATCAAGAGACAGACCATAGACGG	Ht.513811	8715	1.048075	0.34842782	0.002457076			0.3063625	0.07963859	0.143159358	0.549875	0.29464429	0.033517404	0.402275	0.13396371	0.009247831				
CBFA2T3	NM_005187_bp549_R	AGCTAAAAGTCTATGGCTGTCTCTTGATTCCTCTGAAATCAAGAGACAGACCATAGACGG	Ht.513811	14091	0.8092	0.34440999	0.007243974			0.3343375	0.21604933	0.137305576	0.603175	0.33377507	0.03639419	0.3827	0.17953963	0.02367641				
CBFA2T3	NM_005187_bp828_R	AGCTAAAAGGAGTTTCATTCCAAGCTTCATCTCTTGAATGAAGCTTGGAATGAAACTCCGG	Ht.513811	3311	-0.548675	0.24970124	0.019164636			-0.5288875	0.42154873	0.063133303	0.184225	0.38404321	0.408134399	-0.2811	0.44254122	0.293520984				
CBFA2T3	NM_005187_bp828_R	AGCTAAAAGGAGTTTCATTCCAAGCTTCATCTCTTGAATGAAGCTTGGAATGAAACTCCGG	Ht.513811	8687	-0.496	0.19215389	0.020782152			-0.5183875	0.33344343	0.051755473	0.287775	0.36212725	0.210196207	-0.118475	0.57586952	0.708361402				
CBFA2T3	NM_005187_bp828_R	AGCTAAAAGGAGTTTCATTCCAAGCTTCATCTCTTGAATGAAGCTTGGAATGAAACTCCGG	Ht.513811	14063	-0.38645	0.16667874	0.043971509			-0.4767125	0.3357049	0.068054588	0.2581	0.32338385	0.208710026	-0.12235	0.60913696	0.714798781				
CBL	NM_005188_bp1271_R	AGCTAAAAGCTCCACATTCCAACTATGTTCTCTTGAAACATAGTTGGAGATGTGGAGCCGG	Ht.504096	2597	-0.3014125	0.92614565	0.412648112			-0.6552	0.92673475	0.130711396										
CBL	NM_005188_bp1271_R	AGCTAAAAGCTCCACATTCCAACTATGTTCTCTTGAAACATAGTTGGAGATGTGGAGCCGG	Ht.504096	7973	-0.3108375	0.9263024	0.400754185			-0.654175	0.93609907	0.133750545										
CBL	NM_005188_bp1271_R	AGCTAAAAGCTCCACATTCCAACTATGTTCTCTTGAAACATAGTTGGAGATGTGGAGCCGG	Ht.504096	13349	-0.3135375	0.83545347	0.357716424			-0.7364	0.90638183	0.092145163										
CBL	NM_005188_bp673_R	AGCTAAAAGGGAGACACATTTCGGATTACTCTCTTGAAGTAATCCGGAAATGTGTCTCCCGG	Ht.504096	1265	0.2160375	0.76486957	0.605051546			-0.4246	0.79157293	0.249310983										
CBL	NM_005188_bp673_R	AGCTAAAAGGGAGACACATTTCGGATTACTCTCTTGAAGTAATCCGGAAATGTGTCTCCCGG	Ht.504096	6641	0.2320875	0.80719239	0.590637807			-0.49565	0.77677709	0.1814274										
CBL	NM_005188_bp673_R	AGCTAAAAGGGAGACACATTTCGGATTACTCTCTTGAAGTAATCCGGAAATGTGTCTCCCGG	Ht.504096	12017	-0.1352125	0.37831713	0.417532474			-0.57995	0.37491777	0.040296213										
CBL	NM_005188_bp988_R	AGCTAAAAGCTCCAGAAATTCATTCACAATCTCTTGAATTGTGAATGAATTTCTGGAGCGG	Ht.504096	1266	0.1672375	0.51648674	0.608347488			0.071575	0.23107771	0.716431243										
CBL	NM_005188_bp988_R	AGCTAAAAGCTCCAGAAATTCATTCACAATCTCTTGAATTGTGAATGAATTTCTGGAGCGG	Ht.504096	6642	0.1431375	0.4726271	0.656299469			0.058825	0.17461284	0.753079477										
CBL	NM_005188_bp988_R	AGCTAAAAGCTCCAGAAATTCATTCACAATCTCTTGAATTGTGAATGAATTTCTGGAGCGG	Ht.504096	12018	0.1132625	0.4354837	0.735538793			0.015425	0.21199658	0.924630716										
CBLB	BX537484_bp1583_R	AGCTAAAAGGCTGACAAATAGCAAACTTATCTCTTGAATAAGTTTGCTATTTGTCAGCCGG	Ht.430589	4589	0.633225	0.54696698	0.05085108	0.2906	0.08535912	0.087827758	-0.29756667	1.65698369	0.661857103									
CBLB	BX537484_bp1583_R	AGCTAAAAGGCTGACAAATAGCAAACTTATCTCTTGAATAAGTTTGCTATTTGTCAGCCGG	Ht.430589	9965	0.568825	0.51181788	0.061006351	0.38395	0.29762445	0.088669735	-0.4195	1.77728167	0.565092849									
CBLB	BX537484_bp1583_R	AGCTAAAAGGCTGACAAATAGCAAACTTATCTCTTGAATAAGTTTGCTATTTGTCAGCCGG	Ht.430589	15341	0.701225	0.60585762	0.046928734	0.316975	0.1005325	0.072105575	-0.14206667	1.229577	0.78742102									
CBLB	BX537484_bp2124_R	AGCTAAAAGACCACCAATCTCTCAAATATCTCTTGAATATTTGAAGAATTGGTGGTCCGG	Ht.430589	4585	-0.020025	0.41616322	0.926485661	0.4277	0.48909321	0.138472597	-0.30913333	0.62900106	0.380211193									
CBLB	BX537484_bp2124_R	AGCTAAAAGACCACCAATCTCTCAAATATCTCTTGAATATTTGAAGAATTGGTGGTCCGG	Ht.430589	9961	-0.08285	0.45934218	0.721540769	0.3924	0.20132364	0.055661761	-0.2285	0.51162917	0.470696553									
CBLB	BX537484_bp2124_R	AGCTAAAAGGACCACCAATCTCTCAAATATCTCTTGAATATTTGAAGAATTGGTGGTCCGG	Ht.430589	15337	-0.040025	0.43740856	0.858257219	0.416075	0.16313686	0.039806526	-0.2364	0.40327173	0.421206232									
CBLB	BX537484_bp3084_R	AGCTAAAAGGTGCCCAATATAATAATATCTCTTGAATTATTATTATTGGGCATCCGG	Ht.430589	4587	-0.6561	0.79850523	0.107116865	-0.350025	0.30972385	0.116882894	0.6186	0.52536914	0.090363803									
CBLB	BX537484_bp3084_R	AGCTAAAAGGTGCCCAATATAATAATATCTCTTGAATTATTATTATTGGGCATCCGG	Ht.430589	9963	-0.5855	0.74774151	0.123602964	-0.0456	0.31666008	0.8138793	0.612933333	0.30162694	0.058605706									
CBLB	BX537484_bp3084_R	AGCTAAAAGGTGCCCAATATAATAATATCTCTTGAATTATTATTATTGGGCATCCGG	Ht.430589	15339	-0.248333333	1.09627174	0.629898933	0.272766667	0.34320222	0.302384125	0.82295	0.32830968	0.066612721									
CBLL1	NM_024814_bp1205_R	AGCTAAAAGATGCCACCTTATATGAATCATCTCTTGAATGATTCATATAAGGTGGCATCGG	Ht.592271	1264	0.2257375	0.1523068	0.241982758			0.45475	0.54297058	0.127607096										
CBLL1	NM_024814_bp1205_R	AGCTAAAAGATGCCACCTTATATGAATCATCTCTTGAATGATTCATATAAGGTGGCATCGG	Ht.592271	6640	0.2329125	0.11317222	0.211471076			0.410625	0.52210534	0.15445277										
CBLL1	NM_024814_bp1205_R	AGCTAAAAGATGCCACCTTATATGAATCATCTCTTGAATGATTCATATAAGGTGGCATCGG	Ht.592271	12016	0.2593625	0.14414934	0.175233149			0.50435	0.48132481	0.082524176										
CBLL1	NM_024814_bp1363_R	AGCTAAAAGGGGAATGAGTCCTGGTATATTTCTCTTGAAATATACCAGGACTCATTCCCCGG	Ht.592271	1263	1.4031875	1.78828916	0.109347724			-0.498725	1.13898169	0.303584824										
CBLL1	NM_024814_bp1363_R	AGCTAAAAGGGGAATGAGTCCTGGTATATTTCTCTTGAAATATACCAGGACTCATTCCCCGG	Ht.592271	6639	1.3803125	2.17622248	0.175018936			-0.5279	1.23316782	0.307689481										
CBLL1	NM_024814_bp1363_R	AGCTAAAAGGGGAATGAGTCCTGGTATATTTCTCTTGAAATATACCAGGACTCATTCCCCGG	Ht.592271	12015	0.9984625	1.14159796	0.090388328			-0.5809	1.02925708	0.20403899										
CBLL1	NM_024814_bp246_R	AGCTAAAAGGGGGTGAGCTGTTTGCAAATCTCTCTTGAAATTTGCAAACAGCTCACCCCCGG	Ht.592271	2595						1.8147												
CBX4	NM_003655_bp240_R	AGCTAAAAGAGTGGAGTATCTGGTGAAATTCTCTTGAAATTTCACCAGATACTCCACTCGG	Ht.405046	4776	0.7274375	0.44860649	0.019967046	0.5339375	1.23617044	0.35736369												
CBX4	NM_003655_bp240_R	AGCTAAAAGAGTGGAGTATCTGGTGAAATTCTCTTGAAATTTCACCAGATACTCCACTCGG	Ht.405046	10152	0.6248625	0.34050985	0.019456589	0.1425875	0.46357542	0.56386268												
CBX4	NM_003655_bp240_R	AGCTAAAAGAGTGGAGTATCTGGTGAAATTCTCTTGAAATTTCACCAGATACTCCACTCGG	Ht.405046	15528	0.8665625	0.3194517	0.004653114	0.2904875	0.7206402	0.411764745												
CBX4	NM_003655_bp598_R	AGCTAAAAGGGCAAGATACTACTACCATCTCTTGAATGGTAGTAGTACTTGCCGCTCGG	Ht.405046	4774	-0.8164375	0.15341796	0.00222578	-0.7874625	0.6606391	0.055482529												
CBX4	NM_003655_bp598_R	AGCTAAAAGGGCGCAAGTACTACTACCATCTCTTGAATGGTAGTAGTACTTGCCGCTCGG	Ht.405046	10150	-0.8283375	0.09071381	0.001996557	-0.8021125	0.65976691	0.048548983												
CBX4	NM_003655_bp598_R	AGCTAAAAGGGCGCAAGTACTACTACCATCTCTTGAATGGTAGTAGTACTTGCCGCTCGG	Ht.405046	15526	-0.7737625	0.11525677	0.002374954	-0.8174125	0.6757068	0.048656101												
CBX4	NM_003655_bp899_R	AGCTAAAAGGGGCAAGATGAAGATAGTCTCTCTTGAAGACTATCTTCATCTTGCCCCCGG	Ht.405046	4772	1.1582125	2.24291134	0.000771159	1.9144125	0.73839076	0.002957823												
CBX4	NM_003655_bp899_R	AGCTAAAAGGGGCAAGATGAAGATAGTCTCTCTTGAAGACTATCTTCATCTTGCCCCCGG	Ht.405046	10148	1.2026375	1.26737996	0.000762708	1.8699125	0.65744908	0.002198186												
CBX4	NM_003655_bp899_R	AGCTAAAAGGGGCAAGATGAAGATAGTCTCTCTTGAAGACTATCTTCATCTTGCCCCCGG	Ht.405046	15524	1.2474375	0.32292032	0.000942144	1.7433125	0.51770703	0.001368056												
CC2D1A	NM_017721_bp1487_R	AGCTAAAAGAGCGCCATCGTCAAGCAAATCTCTCTTGAAGTATTGCTTGACGATGCGCTCGG	Ht.269592	13629	1.205675	0.40159339	0.001873015			0.46255	1.87970196	0.558506465										
CC2D1A	NM_017721_bp1487_R	AGCTAAAAGAGCGCCATCGTCAAGCAAATCTCTCTTGAAGTATTGCTTGACGATGCGCTCGG	Ht.269592	2877	1.3555	0.55384148	0.00287144			1.8447												
CC2D1A	NM_017721_bp1487_R	AGCTAAAAGAGCGCCATCGTCAAGCAAATCTCTCTTGAAGTATTGCTTGACGATGCGCTCGG	Ht.269592	8253	1.545375	0.51367386	0.001253588			1.9272												
CC2D1A	NM_017721_bp2379_R	AGCTAAAAGCGATCTTGGATGTCTTTGTTCTCTCTTGAAGAACAAAGACATCCAGATCGCGG	Ht.269592	2905	-0.449275	0.59556038	0.149495154			-0.08795	1.25276544	0.859152056										
CC2D1A	NM_017721_bp2379_R	AGCTAAAAGCGATCTTGGATGTCTTTGTTCTCTCTTGAAGAACAAAGACATCCAGATCGCGG	Ht.269592	8281	-0.2845	0.54507967	0.301821005			-0.031675	1.07401751	0.941989816										
CC2D1A	NM_017721_bp2379_R	AGCTAAAAGCGATCTTGGATGTCTTTGTTCTCTCTTGAAGAACAAAGACATCCAGATCGCGG	Ht.269592	13657	-0.499525	0.33367732	0.040292921			-0.0735	1.08556012	0.867193606										
CC2D1A	NM_017721_bp487_R	AGCTAAAAGCTGAGTTCTTGGCTTGGGTTCTCTCAAACCAAAGCACTAGAACTAGCCGGG	Ht.269592	2879	0.800275	0.58530655	0.072667902			0.5559	0.61836564	0.095513747										
CC2D1A	NM_017721_bp487_R	AGCTAAAAGCTGAGTTCTTGGCTTGGGTTCTCTCAAACCAAAGCACTAGAACTAGCCGGG	Ht.269592	8255	1.013525	0.68777913	0.018598231			0.63475	1.04624744	0.170915425										
CC2D1A	NM_017721_bp487_R	AGCTAAAAGCTGAGTTCTTGGCTTGGGTTCTCTCAAACCAAAGCACTAGAACTAGCCGGG	Ht.269592	13631	1.7157	0.64798532	0.001710751			0.38895	0.30515757	0.112440013										
CCAR1	NM_018237_bp1321_R	AGCTAAAAAGGGTGGATGCTTTCCCTTTGTTCTCTTGAAACAAAGGGAAAGCATCCACCCGG	Ht.49853	2580	0.55555	0.29038801	0.017788702			0.4790875	0.7498625	0.150149341										
CCAR1	NM_018237_bp1321_R	AGCTAAAAAGGGTGGATGCTTTCCCTTTGTTCTCTTGAAACAAAGGGAAAGCATCCACCCGG	Ht.49853	7956	0.5603	0.3668911	0.024890757			0.4061625	0.49868475	0.121436502										
CCAR1	NM_018237_bp1321_R	AGCTAAAAAGGGTGGATGCTTTCCCTTTGTTCTCTTGAAACAAAGGGAAAGCATCCACCCGG	Ht.49853	13332	0.612825	0.37255947	0.019208852			0.3062625	0.39451048	0.172604713										
CCAR1	NM_018237_bp226_R	AGCTAAAAAGAGCATCTCCTACCATTTATATCTCTTGAATATAAATGGTAGGAGATGCTCGG	Ht.49853	2578	1.584666667	0.26100346	0.001181381			0.0091375	0.30134162

CCR1	CR609171_bp1353_R	AGCTAAAAAGGGCTTGGACTCAAGCAAGATTCTCTTGAAATCTTGCTTGAGTCCAAGCCCGG	Hs.301921	10049	0.90595	0.52344754	0.012924027	0.5452	1.01628204	0.270884016	-0.58486667	1.07798798	0.250953883								
CCR1	CR609171_bp1353_R	AGCTAAAAAGGGCTTGGACTCAAGCAAGATTCTCTTGAAATCTTGCTTGAGTCCAAGCCCGG	Hs.301921	15425	0.799825	0.57349763	0.026271104	0.58959	1.05003721	0.251038159	-0.42986667	1.08870352	0.387431223								
CCR1	CR609171_bp1826_R	AGCTAAAAAGCACGGGCCATATGAATAACATCTCTTGAATGTTATTCATATGGCCCGTGCGG	Hs.301921	4671	0.4549	0.81172851	0.237746102	0.30295	1.18064362	0.103401612	0.297433333	1.52301116	0.638732409								
CCR1	CR609171_bp1826_R	AGCTAAAAAGCACGGGCCATATGAATAACATCTCTTGAATGTTATTCATATGGCCCGTGCGG	Hs.301921	10047	0.151475	1.03871262	0.734226686	0.5331	0.44510795	0.067939003	0.237766667	1.3414376	0.675645634								
CCR1	CR609171_bp1826_R	AGCTAAAAAGCACGGGCCATATGAATAACATCTCTTGAATGTTATTCATATGGCCCGTGCGG	Hs.301921	15423	0.333325	1.05407103	0.470849008	0.442225	0.31964356	0.066550355	0.167833333	1.19600124	0.745161676								
CCR1	CR609171_bp2503_R	AGCTAAAAAGGGTGCATATTTATGATAATATCTCTTGAATATTATCATAAAATATGCACCCGG	Hs.301921	4669	-0.188575	0.38274784	0.381265664	-0.65385	0.63227324	0.078790477	-0.565	0.8172223	0.189415116								
CCR1	CR609171_bp2503_R	AGCTAAAAAGGGTGCATATTTATGATAATATCTCTTGAATATTATCATAAAATATGCACCCGG	Hs.301921	10045	-0.052575	0.58179738	0.847405546	-0.349275	0.45825146	0.191385014	-0.4533	1.00174446	0.337233983								
CCR1	CR609171_bp2503_R	AGCTAAAAAGGGTGCATATTTATGATAATATCTCTTGAATATTATCATAAAATATGCACCCGG	Hs.301921	15421	-0.221125	0.44760458	0.348946208	-0.0815	0.27832186	0.657637177	-0.36103333	1.01463294	0.440755696								
CCR7	NM_001838_bp294_R	AGCTAAAAAGCTGGTCGTGTTGACCTATATTCTCTTGAAATATAGGTCAACACGACCAGCGG	Hs.370036	2567	-0.5711625	0.40207314	0.029210529				-0.34915	0.53677932	0.230826677								
CCR7	NM_001838_bp294_R	AGCTAAAAAGCTGGTCGTGTTGACCTATATTCTCTTGAAATATAGGTCAACACGACCAGCGG	Hs.370036	7943	-0.544383333	0.51130471	0.093349595				-0.545075	0.39190444	0.052735576								
CCR7	NM_001838_bp294_R	AGCTAAAAAGCTGGTCGTGTTGACCTATATTCTCTTGAAATATAGGTCAACACGACCAGCGG	Hs.370036	13319	-0.6817125	0.46755197	0.022647424				-0.308825	0.52637317	0.281460571								
CCR7	NM_001838_bp339_R	AGCTAAAAAGACCGATACCTACCTGCTCAATCTCTTGAATTGAGCAGGTAGGTATCGGTCGG	Hs.370036	1262	-1.3613375	0.30844878	0.000498436				-0.060325	0.55978608	0.838259004								
CCR7	NM_001838_bp339_R	AGCTAAAAAGACCGATACCTACCTGCTCAATCTCTTGAATTGAGCAGGTAGGTATCGGTCGG	Hs.370036	6638	-1.4007375	0.2800369	0.000359349				-0.044525	0.64946451	0.892461374								
CCR7	NM_001838_bp339_R	AGCTAAAAAGACCGATACCTACCTGCTCAATCTCTTGAATTGAGCAGGTAGGTATCGGTCGG	Hs.370036	12014	-1.4648625	0.3528501	0.00049439				-0.0189	0.60920501	0.958400914								
CCR7	NM_001838_bp774_R	AGCTAAAAAGGCCATGAGCTTCTGTTACCTTCTCTTGAAAGGTAACAGAAGCTCATGGCCGG	Hs.370036	2593	-1.250383333	0.35176693	0.004208545				-0.658275	0.39479045	0.02716117								
CCR7	NM_001838_bp774_R	AGCTAAAAAGGCCATGAGCTTCTGTTACCTTCTCTTGAAAGGTAACAGAAGCTCATGGCCGG	Hs.370036	7969	-1.22065	0.31571558	0.003921267				-0.670575	0.49939009	0.036590859								
CCR7	NM_001838_bp774_R	AGCTAAAAAGGCCATGAGCTTCTGTTACCTTCTCTTGAAAGGTAACAGAAGCTCATGGCCGG	Hs.370036	13345	-1.253583333	0.30603012	0.003414412				-0.54055	0.38577125	0.053309001								
CCRK	NM_178432_bp1024_R	AGCTAAAAAGCTGGGTCAATTCCTTCTCTATCTCTTGAATAGAGAAGGAATTGACCCAGCGG	Hs.522274	770	-0.924375	0.2218867	0.001887187	-0.29025	0.11984486	0.09561871											
CCRK	NM_178432_bp1024_R	AGCTAAAAAGCTGGGTCAATTCCTTCTCTATCTCTTGAATAGAGAAGGAATTGACCCAGCGG	Hs.522274	6146	-0.828575	0.20980202	0.002850007	-0.177825	0.11020213	0.255869985											
CCRK	NM_178432_bp1024_R	AGCTAAAAAGCTGGGTCAATTCCTTCTCTATCTCTTGAATAGAGAAGGAATTGACCCAGCGG	Hs.522274	11522	-0.623475	0.33350425	0.018871829	-0.16675	0.16026365	0.306688052											
CCRK	NM_178432_bp375_R	AGCTAAAAAGCGAGATAGTTGCCCTCAAGATCTCTTGAATCTTGAGCGCAACTATCTCGCGG	Hs.522274	771	0.82025	0.73865761	0.047174928	0.613433333	0.97546954	0.260955913											
CCRK	NM_178432_bp375_R	AGCTAAAAAGCGAGATAGTTGCCCTCAAGATCTCTTGAATCTTGAGCGCAACTATCTCGCGG	Hs.522274	6147	0.996975	0.79301595	0.030128148	0.894175	0.93070821	0.082361357											
CCRK	NM_178432_bp375_R	AGCTAAAAAGCGAGATAGTTGCCCTCAAGATCTCTTGAATCTTGAGCGCAACTATCTCGCGG	Hs.522274	11523	1.179375	1.04942723	0.039271907	0.779225	0.78235752	0.079136426											
CD180	NM_005582_bp1743_R	AGCTAAAAAGCGACAGCATTGATTCCTTATCCTCTTGAATAAGAGAATCAATGCTGTCCGCGG	Hs.87205	2591	-0.46455	0.17818338	0.041266584				-0.0108625	0.55758862	0.907717315								
CD180	NM_005582_bp1743_R	AGCTAAAAAGCGACAGCATTGATTCCTTATCCTCTTGAATAAGAGAATCAATGCTGTCCGCGG	Hs.87205	7967	-0.389875	0.21107913	0.086981311				-0.0539375	0.4997354	0.965926603								
CD180	NM_005582_bp1743_R	AGCTAAAAAGCGACAGCATTGATTCCTTATCCTCTTGAATAAGAGAATCAATGCTGTCCGCGG	Hs.87205	13343	-0.442725	0.19228236	0.054496332				0.0182875	0.58570249	0.829592518								
CD180	NM_005582_bp1851_R	AGCTAAAAAGCACCATTAATTTAAGTCATATCTCTTGAATATGACTTAAATTAATGGTGCGG	Hs.87205	2589	-0.694725	0.14646623	0.006620359				-0.4685375	0.32406761	0.092737496								
CD180	NM_005582_bp1851_R	AGCTAAAAAGCACCATTAATTTAAGTCATATCTCTTGAATATGACTTAAATTAATGGTGCGG	Hs.87205	7965	-0.708125	0.11133883	0.005229563				-0.4807375	0.35630942	0.093098935								
CD180	NM_005582_bp1851_R	AGCTAAAAAGCACCATTAATTTAAGTCATATCTCTTGAATATGACTTAAATTAATGGTGCGG	Hs.87205	13341	-0.71425	0.11146885	0.005056512				-0.4244875	0.35601766	0.132609227								
CD180	NM_005582_bp1890_R	AGCTAAAAAGCTCGAATATCATTTCTTAATCTCTTGAATTAAGAAATGAATATTCGAGCGG	Hs.87205	2617	-1.041175	0.11647565	0.000909137				-0.2232625	0.41001567	0.461064013								
CD180	NM_005582_bp1890_R	AGCTAAAAAGCTCGAATATCATTTCTTAATCTCTTGAATTAAGAAATGAATATTCGAGCGG	Hs.87205	7993	-1.038625	0.102185	0.000868139				-0.2894125	0.4977115	0.360961602								
CD180	NM_005582_bp1890_R	AGCTAAAAAGCTCGAATATCATTTCTTAATCTCTTGAATTAAGAAATGAATATTCGAGCGG	Hs.87205	13369	-0.9448	0.09234455	0.001330089				-0.2246625	0.50521476	0.496570959								
CD3EAP	NM_012099_bp3039_R	AGCTAAAAAGTCACCTGGTTGTGTTATCAATCTCTTGAATTGATAACACAACCAGGTGACGG	Hs.446684	2544	-0.27195	0.7991782	0.552373825				0.6840625	0.60050315	0.038271589								
CD3EAP	NM_012099_bp3039_R	AGCTAAAAAGTCACCTGGTTGTGTTATCAATCTCTTGAATTGATAACACAACCAGGTGACGG	Hs.446684	7920	-0.3216	0.93851573	0.524816115				0.4273125	0.44162172	0.094713822								
CD3EAP	NM_012099_bp3039_R	AGCTAAAAAGTCACTGGTTGTGTTATCAATCTCTTGAATTGATAACACAACCAGGTGACGG	Hs.446684	13296	-0.305475	0.80662059	0.497668995				0.3828125	0.47126616	0.131105391								
CD3EAP	NM_012099_bp3109_R	AGCTAAAAAGTGTGTGGTACCCATTAACTTCTCTTGAAGTTAATGGGTGACCACACACACGG	Hs.446684	2570	0.38185	0.35582511	0.06900655				0.2502625	0.4743675	0.276887583								
CD3EAP	NM_012099_bp3109_R	AGCTAAAAAGTGTGTGGTACCCATTAACTTCTCTTGAAGTTAATGGGTGACCACACACACGG	Hs.446684	7946	0.342675	0.5498404	0.173088916				-0.1200625	0.48518689	0.765043729								
CD3EAP	NM_012099_bp3109_R	AGCTAAAAAGTGTGTGGTACCCATTAACTTCTCTTGAAGTTAATGGGTGACCACACACACGG	Hs.446684	13322	0.306625	0.57946726	0.222845094				-0.3640125	0.66832603	0.31674645								
CD3EAP	NM_012099_bp520_R	AGCTAAAAAGGTTCTCTTGTCCCCCCAACTTCTCTTGAAAGTTGGGGGGACAAGAGAACCGG	Hs.446684	2542	0.457725	0.54119066	0.08948178				-0.6823625	0.86984085	0.119084594								
CD3EAP	NM_012099_bp520_R	AGCTAAAAAGGTTCTCTTGTCCCCCCAACTTCTCTTGAAAGTTGGGGGGACAAGAGAACCGG	Hs.446684	7918	0.449825	0.63101657	0.121460252				-0.6397875	0.88216359	0.144374413								
CD3EAP	NM_012099_bp520_R	AGCTAAAAAGGTTCTCTTGTCCCCCCAACTTCTCTTGAAAGTTGGGGGGACAAGAGAACCGG	Hs.446684	13294	0.423325	0.54913523	0.110272838				-0.6069625	0.78124695	0.134015958								
CD40	NM_001250_bp356_R	AGCTAAAGAAGGGCACCTCAGAAACAGATCTCTTGAATCTGTTTCTGAGGTGCCCTTCGG	Hs.472860	2091	1.5604125	0.6332851	0.002416101				0.1627375	0.62514391	0.586997261								
CD40	NM_001250_bp356_R	AGCTAAAAAGAAGGGCACCTCAGAAACAGATCTCTTGAATCTGTTTCTGAGGTGCCCTTCGG	Hs.472860	7467	1.2974875	0.29097662	0.00062955				0.1075125	0.54175628	0.695512746								
CD40	NM_001250_bp356_R	AGCTAAAAAGAAGGGCACCTCAGAAACAGATCTCTTGAATCTGTTTCTGAGGTGCCCTTCGG	Hs.472860	12843	1.4015375	0.34342807	0.000632703				0.0944875	0.65995097	0.758205992								
CD40	NM_001250_bp480_R	AGCTAAAAGCTACAGGGGTTTCTGATACCCTCTCTTGAAGTGATCAGAAACCCCTGTAGCGG	Hs.472860	1058	-1.3921375	0.19875748	0.000243515				-0.0006875	0.3075887	0.997492829								
CD40	NM_001250_bp480_R	AGCTAAAAGCTACAGGGGTTTCTGATACCCTCTCTTGAAGTGATCAGAAACCCCTGTAGCGG	Hs.472860	6434	-1.4027625	0.20946987	0.000251359				0.0188625	0.31243839	0.93160524								
CD40	NM_001250_bp480_R	AGCTAAAGCTACAGGGGTTTCTGATACCCTCTCTTGAAGTGATCAGAAACCCCTGTAGCGG	Hs.472860	11810	-1.4436125	0.29388578	0.000389053				-0.0125875	0.36277952	0.956329046								
CD40	NM_001250_bp519_R	AGCTAAAAGTCGGCTTCTCTCCAATGTGTCTCTTGAACACATTGGAGAAGAAGCCGACGGG	Hs.472860	1057	1.0005875	0.15760837	0.00090568				0.0690375	0.71304952	0.830158534								
CD40	NM_001250_bp519_R	AGCTAAAAGTCGGCTTCTCTCCAATGTGTCTCTTGAACACATTGGAGAAGAAGCCGACGGG	Hs.472860	6433	0.8831875	0.2120682	0.002178823				0.0231375	0.70169629	0.941858075								
CD40	NM_001250_bp519_R	AGCTAAAAGTCGGCTTCTCTCCAATGTGTCTCTTGAACACATTGGAGAAGAAGCCGACGGG	Hs.472860	11809	0.9360375	0.1499277	0.001182008				0.0106375	0.77155174	0.974952993								
CD40LG	NM_000074_bp511_R	AGCTAAAAAGGGAAACAGCTGACCGTTAAATCTCTTGAATTTAACGGTCAGCTGTTTCCCGG	Hs.592244	1042	-0.8690875	0.26601443	0.003269784				0.0659125	0.0920484	0.730933627								
CD40LG	NM_000074_bp511_R	AGCTAAAAAGGGAAACAGCTGACCGTTAAATCTCTTGAATTTAACGGTCAGCTGTTTCCCGG	Hs.592244	6418	-0.8330375	0.37531054	0.007767535				0.0822875	0.14213827	0.675007475								
CD40LG	NM_000074_bp511_R	AGCTAAAAAGGGAAACAGCTGACCGTTAAATCTCTTGAATTTAACGGTCAGCTGTTTCCCGG	Hs.592244	11794	-0.8286875	0.31500343	0.005465611				0.1015625	0.10617518	0.600584542								
CD40LG	NM_000074_bp739_R	AGCTAAAAGTGGTCTTCGGTGTTTGTCAATTCTCTTGAAATTGACAAACACCGAAGCAACGG	Hs.592244	1043	0.3946125	0.68949233	0.240270206				0.4112125	0.29447789	0.094777762								
CD40LG	NM_000074_bp739_R	AGCTAAAAGTGCTTCGGTGTTTGTCAATTCTCTTGAATTGACAAACACCGAAGCAACGG	Hs.592244	6419	0.4882125	0.64416525	0.142248164				0.4845125	0.11829733	0.039012538								
CD40LG	NM_000074_bp739_R	AGCTAAAAGTGCTTCGGTGTTTGTCAATTCTCTTGAATTGACAAACACCGAAGCAACGG	Hs.592244	11795	0.4478375	0.61293948	0.157897902				0.4870125	0.18290887	0.043140115								
CD40LG	NM_000074_bp85_R	AGCTAAAAAGGACTGCCCATCAGCATGAAATCTCTTGAATTTCATGCTGATGGGCAGTCCGG	Hs.592244	1044	1.0446625	0.32872882	0.002189847				0.3504875	0.65052042	0.272865878								
CD40LG	NM_000074_bp85_R	AGCTAAAAAGGACTGCCCATCAGCATGAAATCTCTTGAATTTCATGCTGATGGGCAGTCCGG	Hs.592244	6420	1.7966875	0.65812391	0.001471647				0.2654125	0.78636968	0.450914301								
CD40LG	NM_000074_bp85_R	AGCTAAAAAGGACTGCCCATCAGCATGAAATCTCTTGAATTTCATGCTGATGGGCAGTCCGG	Hs.592244	11796	1.1829125	0.45560701	0.002884227				0.2498875	0.92230871	0.524706138								
CD44	NM_000610_bp1668_R	AGCTAAAAGCACGACGACCTCTTTCAATGATCTCTTGAATCATTGCAAAGAGGTCCTGTCCGG	Hs.502328	2565	-0.4108375	0.11847216	0.023232232				-0.33955	0.30232828	0.157971948								
CD44	NM_000610_bp1668_R	AGCTAAAAGCACGACGACCTCTTTCAATGATCTCTTGAATCATTGCAAAGAGGTCCTGTCCGG	Hs.502328	7941	-0.4181375	0.14421149	0.023317852				-0.361725	0.27560796	0.127835029								
CD44	NM_000610_bp1668_R	AGCTAAAAGCACGACGACCTCTTTCAATGATCTCTTGAATCATTGCAAAGAGGTCCTGTCCGG	Hs.502328	13317	-0.4243375	0.19675283	0.027669094				-0.3446	0.30204879	0.151622118								
CD44	NM_000610_bp2284_R	AGCTAAAAGGCCAGCAAGTCTCAAGGAAATTCTCTTGAAATTTCTGAGACTTGCTGGCCGG	Hs.502328	2563	0.5011375	0.41023897	0.0722416				-0.226325	0.30103515	0.328244997								
CD44	NM_000610_bp2284_R	AGCTAAAAGGCCAGCAAGTCTCAAGGAAATTCTCTTGAAATTTCTGAGACTTGCTGGCCGG	Hs.502328	7939	0.4118625	0.47779159	0.156871302				0.069666667	0.63911832	0.822103248								
CD44	NM_000610_bp2284_R	AGCTAAAAGGCCAGCAAGTCTCAAGGAAATTCTCTTGAAATTTCCTGAGACTTGCTGGCCGG	Hs.502328	13315	-0.2837875	0.27081628	0.110581496				-0.0456	0.64268334	0.888574249								
CD44	NM_000610_bp970_R	AGCTAAAGGCTGGTACGTCTTCAAATACTCTCTTGAAGTATTGAAGACGTACCAGCCGG	Hs.502328	2561	-0.1124875	0.44864923	0.516997794				0.0876	0.59302161	0.751092197								
CD44	NM_000610_bp970_R	AGCTAAAGGCTGGTACGTCTTCAAATACTCTCTTGAAGTATTGAAGACGTACCAGCCGG	Hs.502328	7937	-0.0922375	0.45433073	0.57590101				0.0761	0.59631179	0.782126209								
CD44	NM_000610_bp970_R	AGCTAAAGGCTGGTACGTCTTCAAATACTCTCTTGAAGTATTGAAGACGTACCAGCCGG	Hs.502328	13313	-0.1671875	0.4391107	0.379453264				0.057075	0.54839448	0.825125205								
CDB2	NM_002231_bp184_R	AGCTAAAAGGGCTCAGCCTGTATCAAAGTTCTCTTGAAACTTTGATACAGGCTGAGCCCGG	Hs.527778	1143	0.6313875	0.1951297	0.010518749				0.1644	0.22406599	0.42249271								
CDB2	NM_002231_bp184_R	AGCTAAAAGGGCTCAGCCTGTATCAAAGTTCTCTTGAAACTTTGATACAGGCTGAGCCCGG	Hs.527778	6519	0.6160375	0.16641949	0.010149785				0.1577	0.2088102	0.435441925								
CDB2	NM_002231_bp184_R	AGCTAAAAGGGCTCAGCCTGTATCAAAGTTCTCTTGAAACTTTGATACAGGCTGAGCCCGG	Hs.527778	11895	0.6921375	0.17877186	0.006530896				0.18385	0.22632308	0.374661451								
CDB2	NM_002231_bp490_R	AGCTAAAAGCCCCTCTTCACTTCAACATTCTCTTGAAGTGTGAAGTAGAAGAGGGCCGG	Hs.527778	1142	-1.0422625	0.26016561	0.001172422				-0.37095	0.62745079	0.242140227								
CDB2	NM_002231_bp490_R	AGCTAAAAGCCCCTCTTCACTTCAACATTCTCTTGAAGTGTGAAGTAGAAGAGGGCCGG	Hs.527778	6518	-1.0915875	0.20016274	0.000650249				-0.3465	0.65009715	0.280654893								
CDB2	NM_002231_bp490_R	AGCTAAAAGCCCCTCTTCACTTCAACATTCTCTTGAAGTGTGAAGTAGAAGAGGGCCGG	Hs.527778	11894	-1.0671875	0.17321751	0.000614811				-0.344125	0.5874272	0.258046366								
CDB2	NM_002231_bp943_R	AGCTAAAAGCACGTCATTCCGAAGACTATCTCTTGAATAGTCTTCGGAATGGACGTGCGGG	Hs.527778	2138	-0.7475375	0.64098744	0.037573268				0.011175	0.30136566	0.945022519								
CDB2	NM_002231_bp943_R	AGCTAAAAGCACGTCATTCCGAAGACTATCTCTTGAATAGTCTTCGGAATGGACGTGCGGG	Hs.527778	7514	-0.7726375	0.67053227	0.038124334				0.014525	0.28942464	0.93205627								
CDB2	NM_002231_bp943_R	AGCTAAAAGCACGTCATTCCGAAGACTATCTCTTGAATAGTCTTCGGAATGGACGTGCGGG	Hs.527778	12890	-0.8149125	0.64102753	0.028419492				0.020475	0.31227875	0.911773674								
CDC2	NM_001786_bp208_R	AGCTAAAAAGGTCAAGTGGTAGCCATGAAATCTCTTGAATTTCATGGCTACCACTTGACCGG	Hs.334562	89	4.656566667	1.06258134	0.000543279	0.3516875	0.11081467	0.055210532											
CDC2	NM_001786_bp208_R	AGCTAAAAGGTCAAGTGGTAGCCATGAAATCTCTTGAATTTCATGGCTACCACTTGACCGG	Hs.334562	5465	5.031325	0.95460797	4.95E-05	0.3281875	0.10209014	0.065732448											
CDC2	NM_001786_bp208_R	AGCTAAAAGGTCAAGTGGTAGCCATGAAATCTCTTGAATTTCATGGCTACCACTTGACCGG	Hs.334562	10841	5.24515	0.96677387	4.26E-05	0.1302375	0.58427302	0.65355043											
CDC2	NM_001786_bp589_R	AGCTAAAAGGAATACCTATCAGAGTATATTCTCTTGAAATATACTCTGATAGGTATTCCGG	Hs.334562	90	4.7041	1.65574206	0.052044676	0.4350375	0.98016014	0.353273271											
CDC2	NM_001786_bp589_R	AGCTAAAAGGAATACCTATCAGAGTATATTCTCTTGAAATATACTCTGATAGGTATTCCGG	Hs.334562	5466	5.35905	6.45001593	0.094422986	0.4995375	0.9372943	0.276816752											
CDC2	NM_001786_bp589_R	AGCTAAAAGGAATACCTATCAGAGTATATTCTCTTGAAATATACTCTGATAGGTATTCCGG	Hs.334562	10842	6.108466667	4.50129684	0.029286643	0.5145625	0.98301013	0.282397859											
CDC2	NM_001786_bp700_R	AGCTAAAAGGCACCATATTTGCTGAACTATCCTTTGAATAGTTCAGCAAATATGGTGCCGG	Hs.334562	91	0.474725	0.34163606	0.050015623	0.0576875	0.11004071	0.692318691											
CDC2	NM_001786_bp700_R	AGCTAAAAGGCACCATATTTGCTGAACTATCCTTTGAATAGTTCAGCAAATATGGTGCCGG	Hs.334562	5467	0.49115	0.37531902	0.052596402	0.1429125	0.11015043	0.333984961											
CDC2	NM_001786_bp700_R	AGCTAAAAGGCACCATATTTGCTGAACTATCCTTTGAATAGTTCAGCAAATATGGTGCCGG	Hs.334562	10843	0.54975	0.41615021	0.04458447	0.2149125	0.0499406	0.167388504											
CDC25B	NM_021874_bp1420_R	AGCTAAAAAGCAGGATGGATTTGTCTTCAATCTCTTGAATTGAAGACAAATCCATTCTGCGG	Hs.153752	2392	-0.2995525	0.23303184	0.16777286				-0.5045875	0.26555823	0.063346351								
CDC25B	NM_021874_bp1420_R	AGCTAAAAGCAGGATGGATTTGTCTTCAATCTCTTGAATTGAAGACAAATCCATTCTGCGG	Hs.153752	7768	-0.2997125	0.24741913	0.174306115				-0.3905875	0.44557529	0.196571566								
CDC25B	NM_021874_bp1420_R	AGCTAAAAGCAGGATGGATTTGTCTTCAATCTCTTGAATTGAAGACAAATCCATTCTGCGG	Hs.153752	13144	-0.2929	0.24066693	0.181161347				-0.6303875	0.41144807	0.044171499								
CDC25B	NM_021874_bp2113_R	AGCTAAAAGACGGGCAAGTTCAGCAACATTCTCTTGAAATGTTGCTGAACTTGCCCGTCGG	Hs.153752	2394	1.411475	0.82682603	0.007295881				-0.4664625	0.46202305	0.128930855								
CDC25B	NM_021874_bp2113_R	AGCTAAAAGACGGGCAAGTTCAGCAACATTCTCTTGAAATGTTGCTGAACTTGCCCGTCGG	Hs.153752	7770	1.41185	0.8270244	0.007342459				-0.5041125	0.44557529	0.103120163								
CDC25B	NM_021874_bp2113_R	AGCTAAAAGACGGGCAAGTTCAGCAACATTCTCTTGAAATGTTGCTGAACTTGCCCGTCGG	Hs.153752	13146	1.403275	0.84722554	0.008174567				-0.5224625	0.46765117	0.094704074								
CDC25B	NM_021874_bp2135_R	AGCTAAAAGTGGATAAGTTTGTGATTGTATCTCTTGAATACAATCACAAACTTATCCACGG	Hs.153752	2396	0.53235	0.23278032	0.011499435				0.5290125	0.59216331	0.081000364								
CDC25B	NM_021874_bp2135_R	AGCTAAAAGTGGATAAGTTTGTGATTGTATCTCTTGAATACAATCACAAACTTATCCACGG	Hs.153752	7772	0.3857	0.25875954	0.03763674				0.0575125	0.31223594	0.65239099								
CDC25B	NM_021874_bp2135_R	AGCTAAAAGTGGATAAGTTTGTGATTGTATCTCTTGAATACAATCACAAACTTATCCACGG	Hs.153752	13148	0.44255	0.25194661	0.024385756				0.1722125	0.27372424	0.334270858								
CDC2L1	NM_033489_bp2030_R	AGCTAAAAAGTTCCCCGGGAAGTCAGAAATTCTCTTGAAATTTCTGACTTCCCGGGGAACGG	Hs.192316	613	0.101075	0.24147141	0.554073462	0.368325	0.15362045	0.055510113											
CDC2L1	NM_033489_bp2030_R	AGCTAAAAAGTTCCCCGGGAAGTCAGAAATTCTCTTGAAATTTCTGACTTCCCGGGGAACGG	Hs.192316	5989	0.444466667	0.1670623	0.068998228	0.462225	0.29347903	0.051992571											
CDC2L1	NM_033489_bp2030_R	AGCTAAAAAGTTCCCCGGGAAGTCAGAAATTCTCTTGAAATTTCTGACTTCCCGGGGAACGG	Hs.192316	11365	0.512466667	0.22357742	0.054131739	0.45955	0.28137267	0.049978632											
CDC2L1	NM_033489_bp2118_R	AGCTAAAAAGCTCCCAGCAGTCAAGGAATCTCTTGAACTCTTGACTGCTGGGAGCTCGGG	Hs.192316	2033	0.14855	0.00346482	0.573314652	-5.9704													
CDC2L1	NM_033489_bp2118_R	AGCTAAAAAGCTCCCAGCAGTCAAGGAATCTCTTGAACTCTTGACTGCTGGGAGCTCGGG	Hs.192316	7409	0.2645	0.00289914	0.342864235	-10.1024													
CDC2L1	NM_033489_bp2118_R	AGCTAAAAAGCTCCCAGCAGTCAAGGAATCTCTTGAACTCTTGACTGCTGGGAGCTCGGG	Hs.192316	12785	0.16955	0.13993643	0.534771667	-6.3947													
CDC2L5	NM_003718_bp1855_R	AGCTAAAAAGGAATCAGTATCTTTAAATCTCTTGAATTTAAGAGATACTGATTCTCTCGG	Hs.233552	205	0.57365	0.3130744	0.022888758	0.0877375	0.14772899	0.567771978								-0.5231	0.73072415	0.496081635	-0.3208	0.1589576	0.214545971
CDC2L5	NM_003718_bp1855_R	AGCTAAAAAGGAATCAGTATCTTTAAATCTCTTGAATTTAAGAGATACTGATTCTCTCGG	Hs.233552	5581	0.631375	0.29500143	0.014494051	0.0921125	0.18696516	0.568728514								-0.242333333	0.26225921	0.250638246	-0.1265	0.08609535	0.125897833
CDC2L5	NM_003718_bp1855_R	AGCTAAAAAGGAATCAGTATCTTTAAATCTCTTGAATTTAAGAGATACTGATTCTCTCGG	Hs.233552	10957	0.7213	0.25984462	0.006942075	-0.0012375	0.1936789	0.993826503								-0.337133333	0.56450485	0.409629705	-0.04326667	0.10794301	0.559323972
CDC2L5	NM_003718_bp2601_R	AGCTAAAAAGGGTCTGGATTATTGTCATAATCTCTTGAATTATGACAATAATCCAGACCCGG	Hs.233552	206	1.221533333	1.17195448	0.072909616	0.5803125	0.87987765	0.195325943											
CDC2L5	NM_003718_bp2601_R	AGCTAAAAAGGGTCTGGATTATTGTCATAATCTCTTGAATTATGACAATAATCCAGACCCGG	Hs.233552	5582	1.248066667	1.17459139	0.069258575	0.5488125	0.89972893	0.223956607											
CDC2L5	NM_003718_bp2601_R	AGCTAAAAAGGGTCTGGATTATTGTCATAATC

CDC42BPB	NM_006035_bp3170_R	AGCTAAAAGCACATGACCTGACATTTAGATCTCTTGAATCTAAATGTCAGGTCATGTGCGG	Hs.510533	5836	-0.037525	0.7801401	0.913412678	-0.7461	1.02469482	0.203699304								
CDC42BPB	NM_006035_bp3170_R	AGCTAAAAGCACATGACCTGACATTTAGATCTCTTGAATCTAAATGTCAGGTCATGTGCGG	Hs.510533	11212	-0.20425	0.33177315	0.312978174	-0.589566667	0.64992477	0.158961408								
CDC42BPB	NM_006035_bp3170_R	AGCTAAAAGCACATGACCTGACATTTAGATCTCTTGAATCTAAATGTCAGGTCATGTGCGG	Hs.510533	460	0.3074													
CDC42BPB	NM_006035_bp3195_R	AGCTAAAAGCTCAGCTAGTGAGCAAGAAATCTCTTGAATTTCTTGCTCACTAGCTGAGCGG	Hs.510533	461	-0.5334	0.44165254	0.055011119	0.078333333	0.69009079	0.833216482								
CDC42BPB	NM_006035_bp3195_R	AGCTAAAAGCTCAGCTAGTGAGCAAGAAATCTCTTGAATTTCTTGCTCACTAGCTGAGCGG	Hs.510533	5837	-1.703725	1.26202575	0.019690861	-0.617766667	0.63742824	0.140769083								
CDC42BPB	NM_006035_bp3195_R	AGCTAAAAGCTCAGCTAGTGAGCAAGAAATCTCTTGAATTTCTTGCTCACTAGCTGAGCGG	Hs.510533	11213	-2.613775	2.0466335	0.022354614	-0.667033333	0.6887431	0.135375573								
CDC42BPB	NM_006035_bp4231_R	AGCTAAAAGGAAGGCAGCTTTGACATCAATCTCTTGAATTGATGTCAAAGCTGCCTTCCGG	Hs.510533	462	-0.211775	1.40180384	0.754178801	-0.4356	5.79912413	0.879832412								
CDC42BPB	NM_006035_bp4231_R	AGCTAAAAGGAAGGCAGCTTTGACATCAATCTCTTGAATTGATGTCAAAGCTGCCTTCCGG	Hs.510533	5838	-0.036433333	1.65976908	0.960783405	0.516066667	3.71811417	0.769777775								
CDC42BPB	NM_006035_bp4231_R	AGCTAAAAGGAAGGCAGCTTTGACATCAATCTCTTGAATTGATGTCAAAGCTGCCTTCCGG	Hs.510533	11214	0.001266667	1.58274324	0.998573479	-0.1213	4.56776839	0.957389962								
CDC42BPG	XM_290516_bp159_R	AGCTGAAGAGGCGCAGCCCTTCGTATCAAATCTCTTGAATTTGATACGAAGGGGCTGGCCGG	Hs.293590	2034	-0.1024													
CDC42BPG	XM_290516_bp159_R	AGCTAAAAGGCCAGCCCCCTTCGTATCAAATCTCTTGAATTTGATACGAAGGGGCTGGCCGG	Hs.293590	7410	-0.0971													
CDC42BPG	XM_290516_bp159_R	AGCTAAAAGGCCAGCCCCCTTCGTATCAAATCTCTTGAATTTGATACGAAGGGGCTGGCCGG	Hs.293590	12786	-0.2577													
CDC42BPG	XM_290516_bp3166_R	AGCTAAAAGGGCTTTTGTCATCCATCTGTCTCTTGAACAGATGGATGACAAAGAGCCCGGG	Hs.293590	851	-0.0571	0.15570491	0.830122725	0.415166667	0.22222426	0.109982159								
CDC42BPG	XM_290516_bp3166_R	AGCTAAAAGGGCTTTTGTCATCCATCTGTCTCTTGAACAGATGGATGACAAAGAGCCCGGG	Hs.293590	6227	0.0078	0.38113056	0.979686778	0.792666667	0.3670551	0.033469003								
CDC42BPG	XM_290516_bp3166_R	AGCTAAAAGGGCTTTTGTCATCCATCTGTCTCTTGAACAGATGGATGACAAAGAGCCCGGG	Hs.293590	11603	0.87395	1.54566471	0.283933347	0.727433333	0.26639678	0.029784142								
CDC42BPG	XM_290516_bp843_R	AGCTAAAAGGTGGAAACCTACGGCAAGATTCTCTTGAAATCTTGCCGTAGGTTTCCACCGG	Hs.293590	852	-0.03605	0.87202332	0.937947623	0.0674										
CDC42BPG	XM_290516_bp843_R	AGCTAAAAGGTGGAAACCTACGGCAAGATTCTCTTGAAATCTTGCCGTAGGTTTCCACCGG	Hs.293590	6228	-0.478233333	0.65553394	0.203235418	0.2064										
CDC42BPG	XM_290516_bp843_R	AGCTAAAAGGTGGAAACCTACGGCAAGATTCTCTTGAAATCTTGCCGTAGGTTTCCACCGG	Hs.293590	11604	-0.3578	0.49333776	0.181071187	0.0014										
CDC42EP4	BC002774_bp2299_R	AGCTAAAAGACCCTCCCATAGCTATTAACTCTCTTGAAGTTAATAGCTATGGGAGGTGCGG	Hs.176479	4241	-0.58135	0.69922913	0.109936435	-0.0627	0.34604617	0.757870251	-0.22153333	0.64349115	0.525974951					
CDC42EP4	BC002774_bp2299_R	AGCTAAAAGACCCTCCCATAGCTATTAACTCTCTTGAAGTTAATAGCTATGGGAGGTGCGG	Hs.176479	9617	-0.553125	0.81423324	0.164897132	-0.23585	0.19113194	0.185042918	-0.3393	0.22167275	0.217674967					
CDC42EP4	BC002774_bp2299_R	AGCTAAAAGACCCTCCCATAGCTATTAACTCTCTTGAAGTTAATAGCTATGGGAGGTGCGG	Hs.176479	14993	-0.325	0.66931172	0.31217702	-0.211425	0.29943939	0.293295006	-0.2754	0.40135629	0.353679466					
CDC42EP4	BC002774_bp546_R	AGCTAAAAGACTCGGCCCTGTTTGTCAAGTCTCTTGAACTCTCTGACAAACAGGGCCGAGTCGG	Hs.176479	4239	-0.34087	0.38045489	0.142116029	-0.8526	0.24922912	0.004742782	-0.58686667	0.96229861	0.216424585					
CDC42EP4	BC002774_bp546_R	AGCTAAAAGACTCGGCCCTGTTTGTCAAGTCTCTTGAACTCTCTGACAAACAGGGCCGAGTCGG	Hs.176479	9615	-0.38005	1.4589768	0.540349211				-0.91							
CDC42EP4	BC002774_bp546_R	AGCTAAAAGACTCGGCCCTGTTTGTCAAGTCTCTTGAACTCTCTGACAAACAGGGCCGAGTCGG	Hs.176479	14991	-0.2907	1.55075842	0.679365665	-0.77605	0.12533604	0.003522168	-0.19483333	0.46513033	0.521355371					
CDC42EP4	BC002774_bp885_R	AGCTAAAAGTCCTCAGCATCATGGACAAGTCTCTTGAACTTGTCCATGATGCTGAGGACGG	Hs.176479	4237	-1.05175	0.27117545	0.027043857											
CDC42EP4	BC002774_bp885_R	AGCTAAAAGTCCTCAGCATCATGGACAAGTCTCTTGAACTTGTCCATGATGCTGAGGACGG	Hs.176479	9613	-0.71095	0.37314025	0.084684811											
CDC42EP4	BC002774_bp885_R	AGCTAAAAGTCCTCAGCATCATGGACAAGTCTCTTGAACTTGTCCATGATGCTGAGGACGG	Hs.176479	14989	-0.9955													
CDC7	NM_003503_bp479_R	AGCTAAAAGGGAGTTAAATACTGCTTTAGTCTCTTGAACTAAACGAGTATTTAACTCCCGG	Hs.533573	348	0.170475	2.28964322	0.364646096	0.6063125	0.38228287	0.034635149				0.05365	0.16227075	0.555706486	0.1017	0.12501395	0.202211456
CDC7	NM_003503_bp479_R	AGCTAAAAGGGAGTTAAATACTGCTTTAGTCTCTTGAACTAAACGAGTATTTAACTCCCGG	Hs.533573	5724	0.11855	0.37625651	0.569048154	0.5402875	0.36483262	0.04562125				0.12965	0.03156681	0.003776212	0.319925	0.09817842	0.007339171
CDC7	NM_003503_bp479_R	AGCTAAAAGGGAGTTAAATACTGCTTTAGTCTCTTGAACTAAACGAGTATTTAACTCCCGG	Hs.533573	11100	0.176875	3.37027375	0.401208512	0.614125	0.32719436	0.024979449				0.172625	0.06173877	0.011294771	0.33325	0.10599225	0.008122714
CDC7	NM_003503_bp948_R	AGCTAAAAGAGGGATCTGTAGGCCTTTCTTCTCTTGAAAGAAAGGCCTACAGATCCCTCGG	Hs.533573	1600				0.914983333	1.93051001	0.354992921								
CDC7	NM_003503_bp948_R	AGCTAAAAGAGGGATCTGTAGGCCTTTCTTCTCTTGAAAGAAAGGCCTACAGATCCCTCGG	Hs.533573	6976				0.975216667	2.03741386	0.350012604								
CDC7	NM_003503_bp948_R	AGCTAAAAGAGGGATCTGTAGGCCTTTCTTCTCTTGAAAGAAAGGCCTACAGATCCCTCGG	Hs.533573	12352				0.98345	2.20842274	0.340677247								
CDH1	NM_004360_bp1712_R	AGCTAAAAGCCAACTGGCTGGAGATTAATTCTCTTGAAATTAATCTCCAGCCAGTTGGCGG	Hs.461086	1248	-0.1724625	0.30678509	0.284759633				-0.396625	0.27363401	0.103589409					
CDH1	NM_004360_bp1712_R	AGCTAAAAGCCAACTGGCTGGAGATTAATTCTCTTGAAATTAATCTCCAGCCAGTTGGCGG	Hs.461086	6624	-0.1950125	0.29371397	0.234161293				-0.42365	0.33610785	0.10027764					
CDH1	NM_004360_bp1712_R	AGCTAAAAGCCAACTGGCTGGAGATTAATTCTCTTGAAATTAATCTCCAGCCAGTTGGCGG	Hs.461086	12000	-0.1676375	0.35501745	0.325745595				-0.462825	0.320053	0.074669776					
CDH1	NM_004360_bp2026_R	AGCTAAAAGAGTGCCAACTGGACCATTCATCTCTTGAATGAATGGTCCAGTTGGCACTCGG	Hs.461086	2555	0.4223125	0.69571685	0.25495202				-0.727825	0.58513755	0.03625489					
CDH1	NM_004360_bp2026_R	AGCTAAAAGAGTGCCAACTGGACCATTCATCTCTTGAATGAATGGTCCAGTTGGCACTCGG	Hs.461086	2931	0.6566625	0.84033231	0.137720087				-0.5131	0.68399211	0.137676495					
CDH1	NM_004360_bp2026_R	AGCTAAAAGAGTGCCAACTGGACCATTCATCTCTTGAATGAATGGTCCAGTTGGCACTCGG	Hs.461086	13307	0.7554125	0.76089978	0.076380524				-0.47585	0.71838812	0.174602478					
CDH1	NM_004360_bp362_R	AGCTAAAAGATGGTGTGATTACAGTCAAATCTCTTGAATTTGACTGTAATCACACCATCGG	Hs.461086	2553	0.4002625	0.52695546	0.191815572				0.38175	0.62346201	0.225024149					
CDH1	NM_004360_bp362_R	AGCTAAAAGATGGTGTGATTACAGTCAAATCTCTTGAATTTGACTGTAATCACACCATCGG	Hs.461086	7929	0.4034625	0.52908204	0.189679211				0.385725	0.59254098	0.209049187					
CDH1	NM_004360_bp362_R	AGCTAAAAGATGGTGTGATTACAGTCAAATCTCTTGAATTTGACTGTAATCACACCATCGG	Hs.461086	13305	0.6137125	0.46317805	0.047200804				0.6101	0.57207525	0.063496588					
CDK10	NM_003674_bp1103_R	AGCTAAAAAGGAGAGCTCCTATTTCAAGGATCTCTTGAATCCTTGAAATAGGAGCTCTCCGG	Hs.77313	370	0.9469	1.69337932	0.284214953	0.1190625	0.3644073	0.574701144				-0.176875	0.09443451	0.033207766	-0.3931	0.18268583	0.023089293
CDK10	NM_003674_bp1103_R	AGCTAAAAAGGAGAGCTCCTATTTCAAGGATCTCTTGAATCCTTGAAATAGGAGCTCTCCGG	Hs.77313	5746	0.5046			0.081116667	0.48275466	0.780936104				-0.112175	0.20420588	0.352188922	-0.287025	0.17332052	0.045321854
CDK10	NM_003674_bp1103_R	AGCTAAAAGGAGAGCTCTATTTCAAGGATCTCTTGAATCCTTGAAATAGGAGCTCTCCGG	Hs.77313	11122	1.78955	0.7972629	0.020756922	0.0718875	0.43639761	0.758515538				-0.043525	0.1464088	0.593990587	-0.289375	0.2293758	0.085938659
CDK10	NM_003674_bp708_R	AGCTAAAAGCCTATGGTGTCCCAGTAAAGTCTCTTGAACTTTACTGGGACACCATAGGCGG	Hs.77313	371	2.29185	6.60945534	0.00668821	0.9224875	0.58013359	0.022267674				0.100925	0.12607729	0.207690427	0.032275	0.06583289	0.399138808
CDK10	NM_003674_bp708_R	AGCTAAAAGCCTATGGTGTCCCAGTAAAGTCTCTTGAACTTTACTGGGACACCATAGGCGG	Hs.77313	5747	2.4643	0.5006316	0.004140399	1.074416667	0.71571312	0.04637243				0.372075	0.14737866	0.014984132	0.240225	0.101968893	0.018038138
CDK10	NM_003674_bp708_R	AGCTAAAAGCCTATGGTGTCCCAGTAAAGTCTCTTGAACTTTACTGGGACACCATAGGCGG	Hs.77313	11123	2.4668	0.59580817	0.005233267	1.070783333	0.70452488	0.045288948				0.3062	0.04620065	0.000927859	0.29145	0.03256957	0.000380421
CDK2	NM_001798_bp691_R	AGCTAAAAGAGTCCCTGTTCCTGACTTACATCTCTTGAATGTAAGTACGACAAGCACTCGG	Hs.19192	7017	2.253675	0.87428843	0.001545522	0.08444125	0.51922702	0.740084519								
CDK2	NM_001798_bp691_R	AGCTAAAAGAGTCCCTGTTCCTGACTTACATCTCTTGAATGTAAGTACGACAAGCACTCGG	Hs.19192	1641	8.9999	0.79125249	0.000184611	0.6750375	1.29471103	0.270904588								
CDK2	NM_001798_bp691_R	AGCTAAAAGAGTCCCTGTTCCTGACTTACATCTCTTGAATGTAAGTACGACAAGGGACTCGG	Hs.19192	12393	10.3751	1.01172838	0.000202484	0.6690125	1.30257342	0.281730633								
CDK2	NM_001798_bp913_R	AGCTAAAAGCCCAGGAGTTACTTCTATGCTCTCTTGAAGCATAGAAGTAACTCCTGGCCGG	Hs.19192	92	0.746775	0.38345423	0.012612287	0.698512375	0.63451381	0.094419001								
CDK2	NM_001798_bp913_R	AGCTAAAAGGCCAGGAGTTACTTCTATGCTCTCTTGAAGCATAGAAGTAACTCCTGGCCGG	Hs.19192	5468	0.69045	0.48570264	0.029035142	0.6316125	0.7104368	0.109698248								
CDK2	NM_001798_bp913_R	AGCTAAAAGGCCAGGAGTTACTTCTATGCTCTCTTGAAGCATAGAAGTAACTCCTGGCCGG	Hs.19192	10844	0.724025	0.41836704	0.012773029	0.6721875	0.64884147	0.077352973								
CDK2	NM_001798_bp987_R	AGCTAAAAGTACCTCCCCTGGATGAAGATTCTCTTGAAATCTTCATCCAGGGCAGGTACGG	Hs.19192	93	1.950325	0.76915057	0.001807451	0.2721375	0.18225835	0.133783867								
CDK2	NM_001798_bp987_R	AGCTAAAAGTACCTCCCCTGGATGAAGATTCTCTTGAAATCTTCATCCAGGGCAGGTACGG	Hs.19192	5469	2.221525	0.59875653	0.000390904	0.4345625	0.12348109	0.029769103								
CDK2	NM_001798_bp987_R	AGCTAAAAGTACCTCCCCTGGATGAAGATTCTCTTGAAATCTTCATCCAGGGCAGGTACGG	Hs.19192	10845	2.1896	0.72430377	0.000848748	0.3227375	0.09645031	0.067909247								
CDK3	NM_001258_bp309_R	AGCTAAAAGGAGAACCTCTATCTGGTGTTTGTCTCCTTGAACAAACACCAGATAGAGCTTCCGG	Hs.100009	13	-0.235025	0.38830797	0.288753001	-0.6587875	1.61273457	0.376047787								
CDK3	NM_001258_bp309_R	AGCTAAAAGGAGAGCTCTATCTGGTGTTTGTCTCCTTGAACAAACACCAGATAGAGCTTCCGG	Hs.100009	5389	-0.28085	0.39320503	0.212863258	-0.6766625	1.57659762	0.354929124								
CDK3	NM_001258_bp309_R	AGCTAAAAGGAGAGCTCTATCTGGTGTTTGTCTCCTTGAACAAACACCAGATAGAGCTTCCGG	Hs.100009	10765	-0.1338	0.52529151	0.602320684	-0.5913125	1.57020931	0.411738774								
CDK3	NM_001258_bp430_R	AGCTAAAAAGGTGAGTTTCTGCCACTCACATCTCTTGAATGTGAGTGGCAGAAACTCACCGG	Hs.100009	1555	4.87145	6.11527158	0.146113996	0.252816667	0.5697342	0.454074074								
CDK3	NM_001258_bp430_R	AGCTAAAAGGTGAGTTTCTGCCACTCACATCTCTTGAATGTGAGTGGCAGAAACTCACCGG	Hs.100009	6931	5.27175	6.55169788	0.143171979	0.278583333	0.53658325	0.396624156								
CDK3	NM_001258_bp430_R	AGCTAAAAGGTGAGTTTCTGCCACTCACATCTCTTGAATGTGAGTGGCAGAAACTCACCGG	Hs.100009	12307	5.0777	6.00984196	0.130326051	0.01655	0.12522861	0.952381333								
CDK3	NM_001258_bp648_R	AGCTAAAAGGAGCAATGGGTGCATCTTTGTCTCTTGAACAAAGATGCAACCAATGCTCCGG	Hs.100009	1557	4.72235	6.10494782	0.154472885	0.65055	1.51426917	0.444948164								
CDK3	NM_001258_bp648_R	AGCTAAAAGGAGCAATGGGTGCATCTTTGTCTCTTGAACAAAGATGCAACCAATGCTCCGG	Hs.100009	6933	5.1381	6.48134076	0.147333864	0.62755	1.57281761	0.472568336								
CDK3	NM_001258_bp648_R	AGCTAAAAGGAGCAATGGGTGCATCTTTGTCTCTTGAACAAAGATGCAACCAATGCTCCGG	Hs.100009	12309	5.74055	7.22486354	0.146480874	-0.085566667	1.72219656	0.91765602								
CDK4	NM_000075_bp1097_R	AGCTAAAAGCAGCACTCTTATCTACATAATCTCTTGAATTATGTAGATAAGAGTGCTGCGG	Hs.95577	77	-1.3363	1.11044049	0.078542969	-0.879883333	0.71188206	0.076676787								
CDK4	NM_000075_bp1097_R	AGCTAAAAGCAGCACTCTTATCTACATAATCTCTTGAATTATGTAGATAAGAGTGCTGCGG	Hs.95577	5453	-1.2744	1.08215622	0.083508832	-0.785716667	0.62932528	0.080656861								
CDK4	NM_000075_bp1097_R	AGCTAAAAGCAGCACTCTTATCTACATAATCTCTTGAATTATGTAGATAAGAGTGCTGCGG	Hs.95577	10829	-1.32445	1.11305678	0.080474156	-0.82485	0.68951026	0.084473829								
CDK4	NM_000075_bp710_R	AGCTAAAAAGGCCAGAATCTACAGCTACCATCTCTTGAATGGTAGCTGTAGATTCTGGCCGG	Hs.95577	5454	0.481833333	0.86905346	0.285539467	-0.2741875	0.44172448	0.276985376								
CDK4	NM_000075_bp710_R	AGCTAAAAAGGCCAGAATCTACAGCTACCATCTCTTGAATGGTAGCTGTAGATTCTGGCCGG	Hs.95577	10830	0.427525	0.7373502	0.23013199	-0.2907375	0.43962057	0.251532366								
CDK4	NM_000075_bp710_R	AGCTAAAAAGGCCAGAATCTACAGCTACCATCTCTTGAATGGTAGCTGTAGATTCTGGCCGG	Hs.95577	78	0.54445	1.09339922	0.358605207	-0.3161125	0.44218534	0.219865094								
CDK4	NM_000075_bp860_R	AGCTAAAAGCCTCTTCTTCTGTGGAAACTCTCTCTTGAAGAGTTTCCACAGAAAGAGAGCCGG	Hs.95577	79	0.1434	0.94825978	0.750387116	0.0561125	0.3887662	0.796015027								
CDK4	NM_000075_bp860_R	AGCTAAAAGCCTCTTCTTCTGTGGAAACTCTCTCTTGAAGAGTTTCCACAGAAAGAGAGCCGG	Hs.95577	5455	0.1674	0.85482808	0.686961183	0.0691625	0.42780685	0.764391785								
CDK4	NM_000075_bp860_R	AGCTAAAAGCCTCTTCTTCTGTGGAAACTCTCTCTTGAAGAGTTTCCACAGAAAGAGAGCCGG	Hs.95577	10831	0.194466667	0.7914381	0.620530914	0.097875	0.42722011	0.672970072								
CDK5	NM_004935_bp107_R	AGCTAAAAAGGAACTGTGTTCAAGGCCAAATCTCTTGAATTTGGCCTTGAACACAGTTCCGG	Hs.166071	1563	1.6983	1.14992393	0.014401488	-0.5061	1.79067012	0.565838678								
CDK5	NM_004935_bp107_R	AGCTAAAAAGGAACTGTGTTCAAGGCCAAATCTCTTGAATTTGGCCTTGAACACAGTTCCGG	Hs.166071	6939	1.944825	0.92168612	0.003644034	-0.412966667	1.90945687	0.65610985								
CDK5	NM_004935_bp107_R	AGCTAAAAAGGAACTGTGTTCAAGGCCAAATCTCTTGAATTTGGCCTTGAACACAGTTCCGG	Hs.166071	12315	1.98	0.94012799	0.003638072	-0.4609	2.02103016	0.638577779								
CDK5	NM_004935_bp356_R	AGCTAAAAGATCCTGAGATTGTAAAGTCATCTCTTGAATGACTTTACAAATCTAGGATCGG	Hs.166071	1565	0.277175	1.30648584	0.666227088	-1.7517	4.69385764	0.448608491								
CDK5	NM_004935_bp356_R	AGCTAAAAGATCCTGAGATTGTAAAGTCATCTCTTGAATGACTTTACAAATCTAGGATCGG	Hs.166071	6941	0.369675	1.47534294	0.606688155	-1.944966667	5.5577764	0.474644908								
CDK5	NM_004935_bp356_R	AGCTAAAAGATCCTGAGATTGTAAAGTCATCTCTTGAATGACTTTACAAATCTAGGATCGG	Hs.166071	12317	0.356775	1.46798903	0.617265792	-2.3354	5.48904046	0.393277157								
CDK5	NM_004935_bp398_R	AGCTAAAAGGGCTGGGATTCTGTCATAGCTCTCTTGAAGCTATGACAGAATCCCAGCCCGG	Hs.166071	1567	1.349025	1.00873909	0.021785604	-0.535633333	3.08230781	0.715745787								
CDK5	NM_004935_bp398_R	AGCTAAAAGGGCTGGGATTCTGTCATAGCTCTCTTGAAGCTATGACAGAATCCCAGCCCGG	Hs.166071	6943	1.3239	0.86735565	0.014168513	-0.5656	3.09374352	0.701945262								
CDK5	NM_004935_bp398_R	AGCTAAAAGGGCTGGGATTCTGTCATAGCTCTCTTGAAGCTATGACAGAATCCCAGCCCGG	Hs.166071	12319	1.263775	1.25256643	0.052962701	-0.419566667	3.23411582	0.784608489								
CDK6	NM_001259_bp637_R	AGCTAAAAGTGTGCACAGTGTCACGAACATCTCTTGAATGTTCGTGACACTGTGCACACGG	Hs.119882	14	7.290033333	4.99715312	0.022350923	0.6721225	1.29545098	0.278187217								
CDK6	NM_001259_bp637_R	AGCTAAAAGTGTGCACAGTGTCACGAACATCTCTTGAATGTTCGTGACACTGTGCACACGG	Hs.119882	5390	7.432666667	5.1256738	0.023690442	0.6501375	1.341662	0.305695654								
CDK6	NM_001259_bp637_R	AGCTAAAAGTGTGCACAGTGTCACGAACATCTCTTGAATGTTCGTGACACTGTGCACACGG	Hs.119882	10766	7.313033333	4.97557123	0.022701792	0.7082375	1.3452535	0.270680547								
CDK6	NM_001259_bp708_R	AGCTAAAAGACCACTTACTTGGATAAAGTTTCTCTTGAAACTTTATCCAAGTAAGTGGTCGG	Hs.119882	15	-0.967975	0.23216259	0.00163557	-0.1070625	0.1859244	-0.5099463								
CDK6	NM_001259_bp708_R	AGCTAAAAGACCACTTACTTGGATAAAGTTTCTCTTGAAACTTTATCCAAGTAAGTGGTCGG	Hs.119882	5391	-0.81355	0.16988203	0.002466119	-0.0180625	0.23952339	0.915985495								
CDK6	NM_001259_bp708_R	AGCTAAAAGACCACTTACTTGGATAAAGTTTCTCTTGAAACTTTATCCAAGTAAGTGGTCGG	Hs.119882	10767	-0.7779	0.14564313	0.002656697	0.0588625	0.22641074	0.727606356								
CDK6	NM_001259_bp740_R	AGCTAAAAGCTCCCACTGAACCATATATCTCTTGAATATGTGTTTCAGTGGGCACTCGG	Hs.119882	16	1.62235	0.35563849	0.000342286	0.6224125	0.44503795	0.043100764								
CDK6	NM_001259_bp740_R	AGCTAAAAGCTCCCACTGAACCATATATCTCTTGAATATGTGTTTCAGTGGGCACTCGG	Hs.119882	5392	1.59145	0.29866749	0.000253189	0.6729625	0.42901494	0.031165026								
CDK6	NM_001259_bp740_R	AGCTAAAAGCTCCCACTGAACCATATATCTCTTGAATATGTGTTTCAGTGGGCACTCGG	Hs.119882	10768	1.649725	0.36534386	0.000342587	0.6246625	0.41511762	0.037004304								
CDK7	NM_001799_bp576_R	AGCTAAAAGAGCCCCCAATAGACTTATATCTCTTGAATATAAGCTCTATTGGGGCTCCGG	Hs.184298	94	3.1865			0.4672375	0.20175491	0.032552477								
CDK7	NM_001799_bp576_R	AGCTAAAAGAGCCCCCAATAGACTTATATCTCTTGAATATAAGCTCTATTGGGGCTCCGG	Hs.184298	5470	3.1977			0.4327125	0.18416001	0.038437375								
CDK7	NM_001799_bp576_R	AGCTAAAAGAGCCCCCAATAGACTTATATCTCTTGAATATAAGCTCTATTGGGGCTCCGG	Hs.184298	10846	2.9561			0.4143875	0.20672484	0.048455794								
CDK7	NM_001799_bp626_R	AGCTAAAAGCCCCCCGAGTTACTATTTGGATCTCTTGAATCCAAATAGTAACTCGGGGGCGG	Hs.184298	95	-0.11095	0.2211115	0.50613309	-0.2934875	0.14599222	0.100147073								
CDK7	NM_001799_bp626_R	AGCTAAAAGCCCCCCGAGTTACTATTTGGATCTCTTGAATCCAAATAGTAACTCGGGGGCGG	Hs.184298	5471	-0.1128	0.15304559	0.463560465	-0.203625	0.28638933	0.300437084								
CDK7	NM_001799_bp626_R	AGCTAAAAGCCCCCCGAGTTACTATTTGGATCTCTTGAATCCAAATAGTAACTCGGGGGCGG	Hs.184298	10847	0.113225	0.41613662	0.660895399	0.0573725	0.48767034	0.81844221								
CDK7	NM_001799_bp686_R	AGCTAAAAGGCTGTATATTAGCAGAGTTATCTCTTGAATAACTCTGCTAATATACAGCCGG	Hs.184298	1643	-0.0096	0.7680989	0.977501476	-0.1226125	0.19236644	0.457800007								
CDK7	NM_001799_bp686_R	AGCTAAAAGGCTGTATATTAGCAGAGTTATCTCTTGAATAACTCTGCTAATATACAGCCGG	Hs.184298	7019	0.345366667	0.3688209	0.198629879	-0.0648875	0.22283954	0.699958314								
CDK7	NM_001799_bp686_R	AGCTAAAGGCTGTATATTAGCAGAGTTATCTCTTGAATAACTCTGCTAATATACAGCCGG	Hs.184298	12395	0.013775	0.75942865	0.967414264	-0.0876125	0.26414006	0.627028152								
CDK8	NM_001260_bp1016_R	AGCTAAAAAGCAGGACCCCTATTTCTTAGATCTCTTGAATCTAAGAAATAGGGGTCCTGCGG	Hs.382306	17	0.134525	0.45990098	0.567344471	-0.3918125	0.50713757	0.175687439								
CDK8	NM_001260_bp1016_R	AGCTAAAAAGCAGGACCCCTATTTCTTAGATCTCTTGAATCTAAGAAATAGGGGTCCTGCGG	Hs.382306	5393	0.0382	0.54767121	0.883655836	-0.3546125	0.55557881	0.23839928								
CDK8	NM_001260_bp1016_R	AGCTAAAAAGCAGGACCCCTATTTCTTAGATCTCTTGAATCTAAGAAATAGGGGTCCTGCGG	Hs.382306	10769	0.083975	0.58153099	0.759211528	-0.436725	0.51633831	0.144044756								
CDK8	NM_001260_bp687_R	AGCTAAAAGGGTGTATATTTGCAGAACTATCTCTTGAATAGTTCTGCAAATATACACCCGG	Hs.382306	18	1.063325	0.90013166	0.035125683	0.2088125	0.26925616	0.27854822								
CDK8	NM_001260_bp687_R	AGCTAAAAGGGTGTATATTTGCAGAACTATCTCTTGAATAGTTCTGCAAATATACACCCGG	Hs.382306	5394	1.053275	0.86317307	0.032040037	0.2252375	0.26802568	0.246619345								
CDK8	NM_001260_bp687_R	AGCTAAAAGGGTGTATATTTGCAGAACTATCTCTTGAATAGTTCTGCAAATATACACCCGG	Hs.382306	10770	1.13365	0.89495522	0.027679515	0.217375	0.31184943	0.289539765								
CDK8	NM_001260_bp845_R	AGCTAAAAGCCTGAACATTCAACATTAATCTCTTGAAATTAATGTTGAATGTTCAGGCGG	Hs.382306	1559	-0.7287	0.43205679	0.018163854	-0.0218125	0.26369998	0.902340927								
CDK8	NM_001260_bp845_R	AGCTAAAAGCCTGAACATTCAACATTAATCTCTTGAAATTAATGTTGAATGTTCAGGCGG	Hs.382306	6

CDKL3	NM_016508_bp660_R	AGCTAAAAGTCACCTCACTTGCAGAATATTCTCTGAAATATTCTGCAAGTGAGGTGACGG	Hs.105818	11321	-1.176775	0.69226923	0.010693002	-1.546366667	5.00389662	0.524458878												
CDKL3	NM_016508_bp79_R	AGCTAAAAGGGCAGATAGTGGCCATTAAGTCTCTTGAACTTAATGGCCACTATCTGCCCGG	Hs.105818	1756	0.9425			0.1754														
CDKL3	NM_016508_bp79_R	AGCTAAAAGGGCAGATAGTGGCCATTAAGTCTCTTGAACTTAATGGCCACTATCTGCCCGG	Hs.105818	7132	1.3227			-0.6519														
CDKL3	NM_016508_bp79_R	AGCTAAAAGGGCAGATAGTGGCCATTAAGTCTCTTGAACTTAATGGCCACTATCTGCCCGG	Hs.105818	12508	1.3466																	
CDKL4	NM_293029_bp118_R	AGCTAAAAGATGATCCTGTTGTTAAGAAATCTCTTGAATTTCTTAACAACAGGATCATCGG	Hs.403201	872	-0.9413	0.02672864	0.027980664															
CDKL4	NM_293029_bp118_R	AGCTAAAAGATGATCCTGTTGTTAAGAAATCTCTTGAATTTCTTAACAACAGGATCATCGG	Hs.403201	6248	-0.8025																	
CDKL4	NM_293029_bp118_R	AGCTAAAAGATGATCCTGTTGTTAAGAAATCTCTTGAATTTCTTAACAACAGGATCATCGG	Hs.403201	11624	-0.7116																	
CDKL4	NM_293029_bp639_R	AGCTAAAAGGACCAACTTTATCTGATAATTCTCTTGAAATTATCAGATAAAGTTGGTCCGG	Hs.403201	2040	0.4057			-0.6885														
CDKL4	NM_293029_bp639_R	AGCTAAAAGGACCAACTTTATCTGATAATTCTCTTGAAATTATCAGATAAAGTTGGTCCGG	Hs.403201	7416	0.2623			-0.4648														
CDKL4	NM_293029_bp639_R	AGCTAAAAGGACCAACTTTATCTGATAATTCTCTTGAAATTATCAGATAAAGTTGGTCCGG	Hs.403201	12792	0.2941			-0.4633														
CDKL4	NM_293029_bp79_R	AGCTAAAAGGACAAGTAGTAGCTGTTAAATCTCTTGAATTTAACAGCTACTACTTGTCCGG	Hs.403201	873	0.66455	0.31133912	0.088685891															
CDKL4	NM_293029_bp79_R	AGCTAAAAGGACAAGTAGTAGCTGTTAAATCTCTTGAATTTAACAGCTACTACTTGTCCGG	Hs.403201	6249	0.5231																	
CDKL4	NM_293029_bp79_R	AGCTAAAAGGACAAGTAGTAGCTGTTAAATCTCTTGAATTTAACAGCTACTACTTGTCCGG	Hs.403201	11625	0.6033																	
CDKL5	NM_003159_bp288_R	AGCTAAAAGGCCTATGGAGTTGTACTTAAATCTCTTGAATTTAAGTACAACTCCATAGGCGG	Hs.435570	316	0.036375	0.30995968	0.844674101	0.8704375	0.15269483	0.00251742												
CDKL5	NM_003159_bp288_R	AGCTAAAAGGCCTATGGAGTTGTACTTAAATCTCTTGAATTTAAGTACAACTCCATAGGCGG	Hs.435570	5692	0.07675	0.30472255	0.679144413	0.8918375	0.18680333	0.002738187												
CDKL5	NM_003159_bp288_R	AGCTAAAAGGCCTATGGAGTTGTACTTAAATCTCTTGAATTTAAGTACAACTCCATAGGCGG	Hs.435570	11068	0.054775	0.30409025	0.76660976	0.8805125	0.19666464	0.003050382												
CDKL5	NM_003159_bp3076_R	AGCTAAAAGAGCCCTTCATCGTCCAATCTTCTCTTGAAAGATTGGACGATGAAGGGCTCGG	Hs.435570	1544				1.5476375	1.7812284	0.096530096												
CDKL5	NM_003159_bp3076_R	AGCTAAAAGAGCCCTTCATCGTCCAATCTTCTCTTGAAAGATTGGACGATGAAGGGCTCGG	Hs.435570	6920				1.5047625	1.66326396	0.08754183												
CDKL5	NM_003159_bp3076_R	AGCTAAAAGAGCCCTTCATCGTCCAATCTTCTCTTGAAAGATTGGACGATGAAGGGCTCGG	Hs.435570	12296				1.5533375	1.73656619	0.092407297												
CDKL5	NM_003159_bp562_R	AGCTAAAAGCTACATCTATCAGCTAATCATCTCTTGAATGATTAGCTGATAGATGTAGCGG	Hs.435570	1546	-0.768033333	0.84016744	0.113644175	-0.0042125	0.57691172	0.988158768												
CDKL5	NM_003159_bp562_R	AGCTAAAAGCTACATCTATCAGCTAATCATCTCTTGAATGATTAGCTGATAGATGTAGCGG	Hs.435570	6922	-0.711366667	0.85710849	0.139651456	-0.0016375	0.58674802	0.995456532												
CDKL5	NM_003159_bp562_R	AGCTAAAAGCTACATCTATCAGCTAATCATCTCTTGAATGATTAGCTGATAGATGTAGCGG	Hs.435570	12298	-0.967275	1.008460059	0.06303126	0.1568875	0.44111236	0.513897439												
CDKN1A	NM_078467_bp376_R	AGCTAAAAGCGATGGAACTTCGACTTTGTTCTCTTGAAACAAAGTCGAAGTTCCATCGCGGG	Hs.370771	2549	-0.8002625	0.31936124	0.005292222						-0.546775	0.48361134	0.07002095							
CDKN1A	NM_078467_bp376_R	AGCTAAAAGCGATGGAACTTCGACTTTGTTCTCTTGAAACAAAGTCGAAGTTCCATCGCGGG	Hs.370771	7925	-0.6772625	0.26634125	0.00740863						-0.508525	0.3931831	0.068539393							
CDKN1A	NM_078467_bp376_R	AGCTAAAAGCGATGGAACTTCGACTTTGTTCTCTTGAAACAAAGTCGAAGTTCCATCGCGGG	Hs.370771	13301	-0.5449625	0.24019671	0.014512682						-0.436475	0.39726383	0.105988989							
CDKN1A	NM_078467_bp574_R	AGCTAAAAGCACTGTCTTGTACCCCTGTTCTCTCTTGAAACAAGGGTACAAGACAGTGACGG	Hs.370771	2551	0.6399375	0.56202309	0.063384806						-0.480025	0.50186293	0.109537788							
CDKN1A	NM_078467_bp574_R	AGCTAAAAGCACTGTCTTGTACCCCTGTTCTCTCTTGAAACAAGGGTACAAGACAGTGACGG	Hs.370771	7927	0.5032375	0.30738355	0.045292039						-0.656525	0.48858459	0.040095378							
CDKN1A	NM_078467_bp574_R	AGCTAAAAGCACTGTCTTGTACCCCTGTTCTCTCTTGAAACAAGGGTACAAGACAGTGACGG	Hs.370771	13303	0.3304125	0.49934813	0.264359322						-0.25815	0.36958493	0.298283809							
CDKN1B	NM_004064_bp1261_R	AGCTAAAAGGATGTAGCATTATGCAATTATCTCTTGAATAATTGCATAATGCTACATCCGG	Hs.238990	3215	-0.3544	0.28627645	0.091669619						0.1687625	0.45284391	0.508328504	-0.168325	0.49860447	0.547940118	0.584075	0.31042902	0.032822153	
CDKN1B	NM_004064_bp1261_R	AGCTAAAAGGATGTAGCATTATGCAATTATCTCTTGAATAATTGCATAATGCTACATCCGG	Hs.238990	8591	-0.403825	0.27941153	0.061742917						0.0004175	0.16124118	0.998225552	-0.073925	0.51853782	0.794097088	0.58005	0.28557079	0.026894462	
CDKN1B	NM_004064_bp1261_R	AGCTAAAAGGATGTAGCATTATGCAATTATCTCTTGAATAATTGCATAATGCTACATCCGG	Hs.238990	13967	-0.462325	0.28092145	0.040783186						0.0640125	0.19085249	0.750279959	-0.10085	0.50949115	0.718664249	0.627625	0.30880433	0.026851345	
CDKN1B	NM_004064_bp2306_R	AGCTAAAAGGTTGCATACTGAGCCAAGTATCTCTTGAATACTTGGCTCAGTATGCAACCGG	Hs.238990	3241	0.62955	0.24760608	0.011197974						-0.0394125	0.40313186	0.868971671	0.269675	0.4645325	0.329608446	0.445475	0.47142742	0.15517004	
CDKN1B	NM_004064_bp2306_R	AGCTAAAAGGTTGCATACTGAGCCAAGTATCTCTTGAATACTTGGCTCAGTATGCAACCGG	Hs.238990	8617	0.601525	0.26296375	0.014568779						-0.0748125	0.38065833	0.74990051	0.150425	0.47768847	0.573530077	0.40145	0.49211312	0.201276816	
CDKN1B	NM_004064_bp2306_R	AGCTAAAAGGTTGCATACTGAGCCAAGTATCTCTTGAATACTTGGCTCAGTATGCAACCGG	Hs.238990	13993	0.589625	0.24623322	0.014340311						-0.1045125	0.3421116	0.646151325	0.117375	0.40026169	0.598755684	0.4211	0.3561003	0.098944985	
CDKN1B	NM_004064_bp995_R	AGCTAAAAGTTCCCCAAATGCCGGTTCTGTCTCTTGAACGAACCGGCATTTGGGGGAACGG	Hs.238990	3213	-0.697733333	0.59687851	0.076933208						-0.7519			0.1469	0.51247764	0.608600351	0.4637	0.16635687	0.011393042	
CDKN1B	NM_004064_bp995_R	AGCTAAAAGTTCCCCAAATGCCGGTTCTGTCTCTTGAACGAACCGGCATTTGGGGGAACGG	Hs.238990	8589	-1.050125	0.20651054	0.024474527						-0.8661			0.102175	0.41698163	0.657686959	0.474375	0.07603466	0.001109427	
CDKN1B	NM_004064_bp995_R	AGCTAAAAGTTCCCCAAATGCCGGTTCTGTCTCTTGAACGAACCGGCATTTGGGGGAACGG	Hs.238990	13965	-0.940975	0.03482501	0.028060574						-0.8363			0.1949	0.5411804	0.523402513	0.483475	0.31460809	0.054412355	
CDKN1C	BG714000_bp1239_R	AGCTAAAAGTCTCACGCATACAAACTAATTCTCTTGAAATTAGTTTGTATGCGGTAGGACGG	Hs.106070	4411	0.05375	0.13816323	0.716630162	1.3602	0.07467034	0.000273988	0.551066667	0.29628673	0.079073529									
CDKN1C	BG714000_bp1239_R	AGCTAAAAGTCTCACGCATACAAACTAATTCTCTTGAAATTAGTTTGTATGCGGTAGGACGG	Hs.106070	9787	0.046	0.20449554	0.773725249	1.301025	0.23929966	0.000781882	0.3686	0.2526284	0.192138606									
CDKN1C	BG714000_bp1239_R	AGCTAAAAGTCTCACGCATACAAACTAATTCTCTTGAAATTAGTTTGTATGCGGTAGGACGG	Hs.106070	15163	0.144575	0.24002098	0.405281892	1.3719	0.271284	0.000769973	0.407533333	0.39448352	0.188685727									
CDKN1C	BG714000_bp1398_R	AGCTAAAAGCACGTCATCTACTCTGTACATCTCTTGAATGTACAGAGTAGATGACGTGCGG	Hs.106070	4407	0.712975	0.20290074	0.00523079	0.3109	0.31214171	0.153690818	-0.47423333	0.29127565	0.116266093									
CDKN1C	BG714000_bp1398_R	AGCTAAAAGCACGTCATCTACTCTGTACATCTCTTGAATGTACAGAGTAGATGACGTGCGG	Hs.106070	9783	0.958966667	0.06509572	0.004701167	0.333575	0.51790226	0.242010484	-0.2017	0.42040913	0.493762006									
CDKN1C	BG714000_bp1398_R	AGCTAAAAGCACGTCATCTACTCTGTACATCTCTTGAATGTACAGAGTAGATGACGTGCGG	Hs.106070	15159	0.754275	0.28266303	0.006624307	0.257925	0.13309895	0.131314354	-0.43585	0.56405908	0.300702644									
CDKN1C	BG714000_bp582_R	AGCTAAAAGACATCTCTTGATCATCAATTCTCTTGAATTTGATGATCAAGAGATGCTCGG	Hs.106070	4409	0.82625	0.86596173	0.066450399	1.8767	0.82239317	0.004639692	2.563666667	1.28428402	0.004070429									
CDKN1C	BG714000_bp582_R	AGCTAAAAGACATCTCTTGATCATCAATTCTCTTGAATTTGATGATCAAGAGATGCTCGG	Hs.106070	9785	0.943025	0.78472205	0.035320404	1.7575	0.61365256	0.002259905	2.649366667	1.31463167	0.003827099									
CDKN1C	BG714000_bp582_R	AGCTAAAAGACATCTCTTGATCATCAATTCTCTTGAATTTGATGATCAAGAGATGCTCGG	Hs.106070	15161	0.68315	1.04496666	0.16808316	1.5407	0.66200069	0.004905578	2.7301	1.21798233	0.002560108									
CDKN2A	NM_058197_bp22_R	AGCTAAAAGTGTGCCACATTCGCTAAGTGTCTCTTGAACCTTAGCGAATGTGGCACACGG	Hs.512599	1247	0.5625125	0.18239441	0.016178598				-0.4337	0.25281802	0.076235524									
CDKN2A	NM_058197_bp22_R	AGCTAAAAGTGTGCCACATTCGCTAAGTGTCTCTTGAACCTTAGCGAATGTGGCACACGG	Hs.512599	6623	0.4438375	0.3239332	0.073720699				-0.4307	0.18871928	0.067953393									
CDKN2A	NM_058197_bp22_R	AGCTAAAAGTGTGCCACATTCGCTAAGTGTCTCTTGAACCTTAGCGAATGTGGCACACGG	Hs.512599	11999	0.5478625	0.27295918	0.028237336				-0.4363	0.21879969	0.069235475									
CDKN2A	NM_058197_bp692_R	AGCTAAAAGGGGGGAACATATTTGTATTATCTCTTGAATAATACAAATATGTTCCCCCCGG	Hs.512599	2545	-1.40025	0.2800723	0.002050587				1.167175	0.19105126	0.000832961									
CDKN2A	NM_058197_bp692_R	AGCTAAAAGGGGGGAACATATTTGTATTATCTCTTGAATAATACAAATATGTTCCCCCCGG	Hs.512599	7921	-1.23465	0.18748733	0.002258486				1.097525	0.24726767	0.001403078									
CDKN2A	NM_058197_bp692_R	AGCTAAAAGGGGGGAACATATTTGTATTATCTCTTGAATAATACAAATATGTTCCCCCCGG	Hs.512599	13297	-1.216883333	0.33194778	0.004258328				1.166875	0.1340269	0.000709985									
CDKN2A	NM_058197_bp985_R	AGCTAAAAGCAGTAACCATGCCCGCATAGTCTCTTGAACTATGCGGGCATGGTTACTGCGG	Hs.512599	2547	-0.3957375	0.5632099	0.147808831				-0.2898	0.61450006	0.345505577									
CDKN2A	NM_058197_bp985_R	AGCTAAAAGCAGTAACCATGCCCGCATAGTCTCTTGAACTATGCGGGCATGGTTACTGCGG	Hs.512599	7923	-0.4320625	0.68717121	0.172641691				-0.2664	0.56433768	0.362331368									
CDKN2A	NM_058197_bp985_R	AGCTAAAAGCAGTAACCATGCCCGCATAGTCTCTTGAACTATGCGGGCATGGTTACTGCGG	Hs.512599	13299	-0.3805375	0.7160816	0.229467797				-0.280925	0.57260582	0.3419048									
CDKN2C	AK091170_bp2213_R	AGCTAAAAGAGGTGCTAATCCCGATTTGATCTCTTGAATCAAATCGGGATTAGCACCTCGG	Hs.525324	4103							0.0773	0.46416562	0.795370105									
CDKN2C	AK091170_bp2213_R	AGCTAAAAGAGGTGCTAATCCCGATTTGATCTCTTGAATCAAATCGGGATTAGCACCTCGG	Hs.525324	9479							-0.09193333	0.70468883	0.798513127									
CDKN2C	AK091170_bp2213_R	AGCTAAAAGAGGTGCTAATCCCGATTTGATCTCTTGAATCAAATCGGGATTAGCACCTCGG	Hs.525324	14855							0.011033333	0.56891348	0.972687024									
CDKN2C	AK091170_bp2525_R	AGCTAAAAGAGCCCACAAATCTTCAATAAATCTCTTGAATTTATTGAAGATTTGTGGCTCGG	Hs.525324	4099	-0.2915625	0.22515488	0.120204708				-0.028425	0.13520859	0.883668901									
CDKN2C	AK091170_bp2525_R	AGCTAAAAGAGCCCACAAATCTTCAATAAATCTCTTGAATTTATTGAAGATTTGTGGCTCGG	Hs.525324	9475	-0.2877375	0.25351985	0.136223243				0.012475	0.11285417	0.948248718									
CDKN2C	AK091170_bp2525_R	AGCTAAAAGAGCCCACAAATCTTCAATAAATCTCTTGAATTTATTGAAGATTTGTGGCTCGG	Hs.525324	14851	-0.2040375	0.23740889	0.254441337				0.085025	0.16625361	0.668989825									
CDKN2C	AK091170_bp2569_R	AGCTAAAAGCCCTCTACTTTATCAATTAACTCTCTTGAAGTTAATTGATAAAGTAGAGGCGG	Hs.525324	4101	-0.7285875	0.51149599	0.027258233				-0.04165	0.41562945	0.863236881									
CDKN2C	AK091170_bp2569_R	AGCTAAAAGCCCTCTACTTTATCAATTAACTCTCTTGAAGTTAATTGATAAAGTAGAGGCGG	Hs.525324	9477	-0.6916875	0.37865621	0.016463711				-0.02775	0.2796631	0.896768817									
CDKN2C	AK091170_bp2569_R	AGCTAAAAGCCCTCTACTTTATCAATTAACTCTCTTGAAGTTAATTGATAAAGTAGAGGCGG	Hs.525324	14853	-0.6881625	0.4458322	0.024072363				0.008075	0.36464767	0.972019736									
CEBPA	NM_004364_bp1035_R	AGCTAAAAGCCAGAGAGCTCCTTGGTCAATCTCTTGAATTGACCAAGGAGCTCTCTGGCGG	Hs.590973	1245	0.1758375	0.35237343	0.495377579				0.00195	0.17505248	0.976955349									
CEBPA	NM_004364_bp1035_R	AGCTAAAAGCCAGAGAGCTCCTTGGTCAATCTCTTGAATTGACCAAGGAGCTCTCTGGCGG	Hs.590973	6621	0.0920625	0.40167068	0.798642859				-0.006625	0.13797793	0.988377803									
CEBPA	NM_004364_bp1035_R	AGCTAAAAGCCAGAGAGCTCCTTGGTCAATCTCTTGAATTGACCAAGGAGCTCTCTGGCGG	Hs.590973	11997	0.1841625	0.4264284	0.514540073				0.044925	0.1106856	0.800315811									
CEBPA	NM_004364_bp171_R	AGCTAAAAGCACGAGACGTCCATCGACATTCTCTTGAAATGTCGATGGACGTCTCGTGCGG	Hs.590973	1246	1.1798625	1.47297116	0.107215711				-0.38835	0.75897132	0.274415276									
CEBPA	NM_004364_bp171_R	AGCTAAAAGCACGAGACGTCCATCGACATTCTCTTGAAATGTCGATGGACGTCTCGTGCGG	Hs.590973	6622	1.1470625	1.4815415	0.116802241				-0.474	0.77584955	0.197462263									
CEBPA	NM_004364_bp171_R	AGCTAAAAGCACGAGACGTCCATCGACATTCTCTTGAAATGTCGATGGACGTCTCGTGCGG	Hs.590973	11998	0.4275875	0.5993009	0.200080834				0.009475	0.36862131	0.954094406									
CEBPB	NM_005194_bp1447_R	AGCTAAAAGGCCCGTGGTGTTATTTAAAGATCTCTTGAATCTTTAAATAACACCACGGGCGG	Hs.592138	1244	-0.7702125	0.25348036	0.004123622				0.040475	0.44151554	0.859283961									
CEBPB	NM_005194_bp1447_R	AGCTAAAAGGCCCGTGGTGTTATTTAAAGATCTCTTGAATCTTTAAATAACACCACGGGCGG	Hs.592138	6620	-0.7915125	0.25164051	0.00634676				-0.0173	0.49387874	0.958910677									
CEBPB	NM_005194_bp1447_R	AGCTAAAAGGCCCGTGGTGTTATTTAAAGATCTCTTGAATCTTTAAATAACACCACGGGCGG	Hs.592138	11996	-0.7037375	0.34724557	0.010369601				-0.0631	0.47946833	0.818955103									
CEBPB	NM_005194_bp1632_R	AGCTAAAAGGGCCCTGAGTAATCGCTTAATCTCTTGAATTAAGCGATTACTCAGGGCCCGG	Hs.592138	2519	-1.0397625	0.2802124	0.001359792				-0.822275	0.46382547	0.014290986									
CEBPB	NM_005194_bp1632_R	AGCTAAAAGGGCCCTGAGTAATCGCTTAATCTCTTGAATTAAGCGATTACTCAGGGCCCGG	Hs.592138	7895	-1.0361875	0.24510437	0.001094493				-0.79275	0.51665792	0.021353221									
CEBPB	NM_005194_bp1632_R	AGCTAAAAGGGCCCTGAGTAATCGCTTAATCTCTTGAATTAAGCGATTACTCAGGGCCCGG	Hs.592138	13271	-1.0517375	0.26370194	0.001161877				-0.79635	0.42421317	0.014490196									
CEBPB	NM_005194_bp246_R	AGCTAAAAGCCCGCCTGCCTTTAAATCCATTCTCTTGAAATGGATTTAAAGGCAGGCGGCGG	Hs.592138	2517	-0.5224875	0.14400823	0.010371247				-0.617625	0.84199765	0.127104448									
CEBPB	NM_005194_bp246_R	AGCTAAAAGCCCGCCTGCCTTTAAATCCATTCTCTTGAAATGGATTTAAAGGCAGGCGGCGG	Hs.592138	7893	-0.5139375	0.06831188	0.008553663				-0.3911	0.557376	0.196335518									
CEBPB	NM_005194_bp246_R	AGCTAAAAGCCCGCCTGCCTTTAAATCCATTCTCTTGAAATGGATTTAAAGGCAGGCGGCGG	Hs.592138	13269	-0.5229625	0.09317678	0.008566217				-0.326225	0.51911592	0.255709394									
CEBPD	NM_005195_bp1148_R	AGCTAAAAGCAGCTAAGGTACATTTGTTAATCTCTTGAATTACAAATGTACCTTAGCTGCGG	Hs.440829	1242	-0.5285625	0.23719316	0.011965874				0.406975	0.14289463	0.069726248									
CEBPD	NM_005195_bp1148_R	AGCTAAAAGCAGCTAAGGTACATTTGTTAATCTCTTGAATTACAAATGTACCTTAGCTGCGG	Hs.440829	6618	-0.5793875	0.23166769	0.011122828				0.395675	0.12515224	0.073822783									
CEBPD	NM_005195_bp1148_R	AGCTAAAAGCAGCTAAGGTACATTTGTTAATCTCTTGAATTACAAATGTACCTTAGCTGCGG	Hs.440829	11994	-0.6591625	0.20100285	0.005712074				0.4084	0.08541335	0.064080997									
CEBPD	NM_005195_bp1193_R	AGCTAAAAGAACAAACCCTTTGTATTGTAATCTCTTGAACTACAATACAAAGGGTTTGTCGG	Hs.440829	1243	-0.1388875	0.40449515	0.425380996				-0.07045	0.14882528	0.735045168									
CEBPD	NM_005195_bp1193_R	AGCTAAAAGAACAAACCCTTTGTATTGTAATCTCTTGAACTACAATACAAAGGGTTTGTCGG	Hs.440829	6619	-0.1728125	0.39742608	0.343881516				-0.11255	0.15347733	0.585228991									
CEBPD	NM_005195_bp1193_R	AGCTAAAAGAACAAACCCTTTGTATTGTAATCTCTTGAACTACAATACAAAGGGTTTGTCGG	Hs.440829	11995	-0.1691125	0.43311234	0.374530225				-0.117125	0.18612443	0.576956003									
CEBPD	NM_005195_bp335_R	AGCTAAAAGCCGACCTTCTCAACAGCAATTTCTCTTGAATTGCTGTTGAAGAGGTCGGCGG	Hs.440829	2515	-0.0767625	0.33986555	0.56032702				0.04895	0.28894614	0.807635023									
CEBPD	NM_005195_bp335_R	AGCTAAAAGCCGACCTTCTCAACAGCAATTTCTCTTGAATTGCTGTTGAAGAGGTCGGCGG	Hs.440829	7891	-0.0841375	0.56507216	0.650766765				-0.058875	0.24435205	0.79271225									
CEBPD	NM_005195_bp335_R	AGCTAAAAGCCGACCTTCTCAACAGCAATTTCTCTTGAATTGCTGTTGAAGAGGTCGGCGG	Hs.440829	13267	-0.1205875	0.0544667	0.280863489				0.051875	0.26927228	0.793923237									
CEBPE	NM_001805_bp1105_R	AGCTAAAAGAGACATAGACCATGGATAAATCTCTTGAATTTATCCATGGTCTATGTCTCGG	Hs.558308	1240	0.9624125	0.72557206	0.030124736				1.09765	0.80814681	0.016548309									
CEBPE	NM_001805_bp1105_R	AGCTAAAAGAGACATAGACCATGGATAAATCTCTTGAATTTATCCATGGTCTATGTCTCGG	Hs.558308	6616	1.2462125	0.87059729	0.020128137				1.214475	0.79529163	0.010279578									
CEBPE	NM_001805_bp1105_R	AGCTAAAAGAGACATAGACCATGGATAAATCTCTTGAATTTATCCATGGTCTATGTCTCGG	Hs.558308	11992	0.5455875	0.5038951	0.081809021				0.8849	0.6818258	0.024586631									
CEBPE	NM_001805_bp1152_R	AGCTAAAAGGACCCAGCATAATGATTATATCTCTTGAATATAATCATTATGCTGGGTCCGG	Hs.558308	1239	-1.2888375	0.24717834	0.000417013				-0.304	0.63690986	0.334852345									
CEBPE	NM_001805_bp1152_R	AGCTAAAAGGACCCAGCATAATGATTATATCTCTTGAATATAATCATTATGCTGGGTCCGG	Hs.558308	6615	-1.3368875	0.334384	0.000647749				-0.3592	0.69635793	0.284656314									
CEBPE	NM_001805_bp1152_R	AGCTAAAAGGACCCAGCATAATGATTATATCTCTTGAATATAATCATTATGCTGGGTCCGG	Hs.558308	11991	-1.3506875	0.32360065	0.000573256				-0.2464	0.66562427	0.441420411									
CEBPE	NM_001805_bp1174_R	AGCTAAAAGGCTGAATAAAGTTGCACTGTTCTCTTGAAACAGTGCAACTTTATTCAGCCGG	Hs.558308	1241	-0.0118625	0.21774064	0.762161917				-0.30985	0.37378488	0.219596569									
CEBPE	NM_001805_bp1174_R	AGCTAAAAGGCTGAATAAAGTTGCACTGTTCTCTTGAAACAGTGCAACTTTATTCAGCCGG	Hs.558308	6617	-0.0448375	0.22630915	0.621192985				-0.3156	0.40574568	0.224279773									
CEBPE	NM_001805_bp1174_R	AGCTAAAAGGCTGAATAAAGTTGCACTGTTCTCTTGAAACAGTGCAACTTTATTCAGCCGG	Hs.558308	11993	-0.0194875	0.23862763	0.734728929				-0.32655	0.42546873	0.217812865									
CEBPG	NM_001806_bp326_R	AGCTAAAAGGACGGAATTAGTGTTATCTCTCTTGAAGATACACACTAATTCCGTTCACGG	Hs.429666	1237	0.7952375	0.66717073	0.046296509				-0.5403	0.36551813	0.050667308									
CEBPG	NM_001806_bp326_R	AGCTAAAAGGACGGAATTAGTGTTATCTCTCTTGAAGATACACACTAATTCCGTTCACGG	Hs.429666	6613	0.7140875	0.60160728	0.051236757				-0.522125	0.37362356	0.058879703									
CEBPG	NM_001806_bp326_R	AGCTAAAAGGACGGAATTAGTGTTATCTCTCTTGAAGATACACACTAATTCCGTTCACGG	Hs.429666	11989	0.7406125	0.63776562	0.052343679				-0.516825	0.36401828	0.058641219									
CEBPG	NM_001806_bp622_R	AGCTAAAAGCACAAGGAATAAGTGTACTTCTCTTGAAAGTACACTTAATTCCTTGGTCGG	Hs.429666	1238	-0.3043125	0.22652136	0.079875914				0.471325	0.70908681	0.175210431									
CEBPG	NM_001806_bp622_R	AGCTAAAAGCACAAGGAATAAGTGTACTTCTCTTGAAAGTACACTTAATTCCTTGGTCGG	Hs.429666	6614	-0.3434625	0.21959249	0.056708896				0.429075	0.68168872	0.201105564									
CEBPG	NM_001806_bp622_R	AGCTAAAAGCACAAGGAATAAGTGTACTTCTCTTGAAAGTACACTTAATTCCTTGGTCGG	Hs.429666	11990	-0.3255125	0.25391582	0.075386468				0.410475	0.70101812	0.225900816									
CEBPG	NM_001806_bp665_R	AGCTAAAAGCACACACCTTCGCAGACAACTCTCTTGAAGTTGTCTGCAAGGTTGTGTGCGG	Hs.429666	2513	1.2543625	0.53514709	0.004169401				0.56455	1.15216505	0.243020306									
CEBPG	NM_001806_bp665_R	AGCTAAAAGCACACACCTTCGCAGACAACTCTCTTGAAGTTGTCTGCAAGGTTGTGTGCGG	Hs.429666	7889	1.1241375	0.71042929	0.011593347				0.5832	1.12620187	0.221770408									
CEBPG	NM_001806_bp665_R	AGCTAAAAGCACACACCTTCGCAGACAACTCTCTTGAAGTTGTCTGCAAGGTTGTGTGCGG	Hs.429666	13265	1.0367875	0.50325569	0.007949653				0.3547	1.12675355	0.437541441									
CENTG2	AB029022_bp385_R	AGCTAAAAGGTGGGAGTTTAAGCGACATTCTCTTGAAATAGTCGCTTAAACTCCCACCGG	Hs.435039	3679							0.0293											
CENTG2	AB029022_bp385_R	AGCTAAAAGGTGGGAGTTTAAGCGACATTCTCTTGAAATAGTCGCTTAAACTCCCACCGG	Hs.435039	9055							0.1263				

CHEK1	NM_001274_bp1493_R	AGCTAAAAGGGTGATGGATTGGAGTTCAATCTCTTGAATTGAACTCCAATCCATCACCCGG	Hs.24529	1589	9.2744	0.17239263	3.94E-05	-1.931566667	3.12827296	0.24266313								
CHEK1	NM_001274_bp1493_R	AGCTAAAAGGGTGATGGATTGGAGTTCAATCTCTTGAATTGAACTCCAATCCATCACCCGG	Hs.24529	6965	9.51815	0.01746554	3.21E-05	-1.535933333	2.51997912	0.249202371								
CHEK1	NM_001274_bp1493_R	AGCTAAAAGGGTGATGGATTGGAGTTCAATCTCTTGAATTGAACTCCAATCCATCACCCGG	Hs.24529	12341	10.1533	0.19360584	3.09E-05	-0.887433333	1.96000087	0.374039129								
CHEK1	NM_001274_bp384_R	AGCTAAAAGAAGGCAATATCCAATATTTATCTCTTGAATAAATATTGGATATTGCCTTCGG		1591														
CHEK1	NM_001274_bp384_R	AGCTAAAAGAAGGCAATATCCAATATTTATCTCTTGAATAAATATTGGATATTGCCTTCGG		6967														
CHEK1	NM_001274_bp384_R	AGCTAAAAGAAGGCAATATCCAATATTTATCTCTTGAATAAATATTGGATATTGCCTTCGG		12343														
CHEK1	NM_001274_bp611_R	AGCTAAAAGGCAACAGTATTTCGGTATAATCTCTTGAATTATACCGAAATACTGTTGCCGG	Hs.24529	20	-0.83835	0.45829951	0.012282719	-0.1239875	0.45780339	0.611138039								
CHEK1	NM_001274_bp611_R	AGCTAAAAGGCAACAGTATTTCGGTATAATCTCTTGAATTATACCGAAATACTGTTGCCGG	Hs.24529	5396	-0.841525	0.4576037	0.012055733	-0.1009625	0.44479028	0.671452322								
CHEK1	NM_001274_bp611_R	AGCTAAAAGGCAACAGTATTTCGGTATAATCTCTTGAATTATACCGAAATACTGTTGCCGG	Hs.24529	10772	-0.78355	0.45273638	0.015459084	-0.0616875	0.44741079	0.794923369								
CHEK2	NM_007194_bp1329_R	AGCTAAAAGCACTGTCACTAAGCAGAAATTCTCTTGAAATTCTGCTTAGTGACAGTGCGG	Hs.29363	31	-0.16555	0.91742324	0.679388893	-0.0407125	0.31439476	0.832797192								
CHEK2	NM_007194_bp1329_R	AGCTAAAAGCACTGTCACTAAGCAGAAATTCTCTTGAAATTCTGCTTAGTGACAGTGCGG	Hs.29363	5407	-0.11815	0.95997349	0.775803325	-0.0323625	0.31507514	0.866756664								
CHEK2	NM_007194_bp1329_R	AGCTAAAAGCACTGTCACTAAGCAGAAATTCTCTTGAAATTCTGCTTAGTGACAGTGCGG	Hs.29363	10783	-0.095375	0.99725783	0.823874858	-0.0226125	0.24524774	0.895879863								
CHEK2	NM_007194_bp1692_R	AGCTAAAAGACAAAGTGGTGGGGAATAAATCTCTTGAATTTATTCCCCACCACTTTGTCGG	Hs.29363	32	0.683525	0.55420631	0.041102765	-0.1002125	0.31088209	0.606233792								
CHEK2	NM_007194_bp1692_R	AGCTAAAAGACAAAGTGGTGGGGAATAAATCTCTTGAATTTATTCCCCACCACTTTGTCGG	Hs.29363	5408	0.899933333	0.53346311	0.030627981	-0.17745	0.3860964	0.50398634								
CHEK2	NM_007194_bp1692_R	AGCTAAAAGACAAAGTGGTGGGGAATAAATCTCTTGAATTTATTCCCCACCACTTTGTCGG	Hs.29363	10784	0.783425	0.55397241	0.025819853	-0.0310375	0.31660427	0.872452004								
CHEK2	NM_007194_bp1842_R	AGCTAAAAGACTGTCTTATAAAGATTACTTCTCTTGAAAGTAATCTTTATAAGACAGTCGG	Hs.29363	5409	-0.0773	0.21156635	0.778242828	-0.08097	0.39728795	0.809535099								
CHEK2	NM_007194_bp1842_R	AGCTAAAAGACTGTCTTATAAAGATTACTTCTCTTGAAAGTAATCTTTATAAGACAGTCGG	Hs.29363	10785	0.1389	0.57629203	0.704265126	0.028575	0.43257257	0.933888064								
CHEK2	NM_007194_bp1842_R	AGCTAAAAGACTGTCTTATAAAGATTACTTCTCTTGAAAGTAATCTTTATAAGACAGTCGG	Hs.29363	33	-0.4209			-0.179975	0.34496204	0.586159761								
CHN2	AK126784_bp1343_R	AGCTAAAAGAACCTTAAATGCCAATAATATCTCTTGAATATTATTGGCATTTAAGGTTCGG		3979	1.1576125	0.33651183	0.001454909				0.1644	0.31455741	0.465679204					
CHN2	AK126784_bp1343_R	AGCTAAAAGAACCTTAAATGCCAATAATATCTCTTGAATATTATTGGCATTTAAGGTTCGG		9355	1.1019375	0.30770761	0.00149685				0.2569	0.16958935	0.223839801					
CHN2	AK126784_bp1343_R	AGCTAAAAGAACCTTAAATGCCAATAATATCTCTTGAATATTATTGGCATTTAAGGTTCGG		14731	1.1560875	0.33133918	0.001413189				0.26715	0.25183445	0.230770562					
CHN2	AK126784_bp2351_R	AGCTAAAAGGACTTACATACATAATCAATCTCTTGAATTGATATGTATGTAAGTCCCGG		3977	0.6248125	0.25004412	0.011719184				0.172625	0.23027549	0.41513607					
CHN2	AK126784_bp2351_R	AGCTAAAAGGGACTTACATACATAATCAATCTCTTGAATTGATATGTATGTAAGTCCCGG		9353	0.5149375	0.30659134	0.0323178				0.24745	0.20407493	0.248356221					
CHN2	AK126784_bp2351_R	AGCTAAAAGGGACTTACATACATAATCAATCTCTTGAATTGATATGTATGTAAGTCCCGG		14729	0.3387875	0.196405	0.073283227				0.2827	0.24845838	0.206838428					
CHN2	AK126784_bp851_R	AGCTAAAAGGTCGATGAATTGGTGTATATCTCTTGAATATAACACCATTCATCGACCGG		3975	-0.3227125	0.28256839	0.114776573				-0.103425	0.53415885	0.704352425					
CHN2	AK126784_bp851_R	AGCTAAAAGGTCGATGAATTGGTGTATATCTCTTGAATATAACACCATTCATCGACCGG		9351	-0.4095125	0.34918083	0.079894589				0.2408	0.37949787	0.323199126					
CHN2	AK126784_bp851_R	AGCTAAAAGGTCGATGAATTGGTGTATATCTCTTGAATATAACACCATTCATCGACCGG		14727	-0.2584875	0.29761658	0.195440204				0.08765	0.33684666	0.698096337					
CHUK	NM_001278_bp1420_R	AGCTAAAAGCAGGCTCTTTCAGGGACAAATCTCTTGAATTTGTCCCTGAAAGAGCCTGCGG	Hs.198998	1593	1.64285	1.58953512	0.047204463	-0.3241375	0.58679227	0.292672558								
CHUK	NM_001278_bp1420_R	AGCTAAAAGCAGGCTCTTTCAGGGACAAATCTCTTGAATTTGTCCCTGAAAGAGCCTGCGG	Hs.198998	6969	1.671575	1.74635389	0.059136414	-0.2637375	0.58130357	0.378514154								
CHUK	NM_001278_bp1420_R	AGCTAAAAGCAGGCTCTTTCAGGGACAAATCTCTTGAATTTGTCCCTGAAAGAGCCTGCGG	Hs.198998	12345	1.594325	1.61628402	0.054466985	-0.2607125	0.58424222	0.385219104								
CHUK	NM_001278_bp451_R	AGCTAAAAGCCCAGATACTTTCCTTTACTAATCTCTTGAATTAGTAAAGAAAGTATCTGGCGG	Hs.198998	21	-0.30095	0.14347438	0.085297131	-0.2334125	0.1562157	0.173221194								
CHUK	NM_001278_bp451_R	AGCTAAAAGCCAGATACTTTCCTTTACTAATCTCTTGAATTAGTAAAGAAAGTATCTGGCGG	Hs.198998	5397	-0.3152	0.13048474	0.072221905	-0.1537125	0.14565906	0.333918141								
CHUK	NM_001278_bp451_R	AGCTAAAAGCCAGATACTTTCCTTTACTAATCTCTTGAATTAGTAAAGAAAGTATCTGGCGG	Hs.198998	10773	-0.357775	0.09456777	0.044630458	-0.2452625	0.22436581	0.188306285								
CHUK	NM_001278_bp561_R	AGCTAAAAGGTGGAAAGATAATACATAAATCTCTTGAATTTATGTATTATCTTTCCACCGG	Hs.198998	22	0.708725	0.62555731	0.049056327	0.2431875	0.22229716	0.190264446								
CHUK	NM_001278_bp561_R	AGCTAAAAGGTGGAAAGATAATACATAAATCTCTTGAATTTATGTATTATCTTTCCACCGG	Hs.198998	5398	0.667825	0.61911186	0.057471116	0.2181375	0.19879964	0.218120084								
CHUK	NM_001278_bp561_R	AGCTAAAAGGTGGAAAGATAATACATAAATCTCTTGAATTTATGTATTATCTTTCCACCGG	Hs.198998	10774	0.7017	0.59606941	0.045011024	0.2311875	0.14389122	0.170417225								
CIT	NM_007174_bp4548_R	AGCTAAAAGACGGGGGATGTATCTATTCATTCTCTTGAAATGAATAGATACATCCCCGTCGG	Hs.119594	5773	-0.5854	0.23328564	0.013738837	-0.456133333	0.81458671	0.31957209								
CIT	NM_007174_bp4548_R	AGCTAAAAGACGGGGGATGTATCTATTCATTCTCTTGAAATGAATAGATACATCCCCGTCGG	Hs.119594	11149	-0.676725	0.26023899	0.009025969	-0.437466667	0.88201833	0.364659673								
CIT	NM_007174_bp4548_R	AGCTAAAAGACGGGGGATGTATCTATTCATTCTCTTGAAATGAATAGATACATCCCCGTCGG	Hs.119594	397														
CIT	NM_007174_bp4941_R	AGCTAAAAAGGAGCAGTCTTCCAAATTTATTTCTCTTGAAATAAATTTGGAAGACTGCTCCGG	Hs.119594	398	0.4124	1.63699129	0.551267023	0.794733333	0.87380282	0.139668069								
CIT	NM_007174_bp4941_R	AGCTAAAAAGGAGCAGTCTTCCAAATTTATTTCTCTTGAAATAAATTTGGAAGACTGCTCCGG	Hs.119594	5774	0.58855	1.84410187	0.453528767	1.3208	0.98750856	0.054193302								
CIT	NM_007174_bp4941_R	AGCTAAAAAGGAGCAGTCTTCCAAATTTATTTCTCTTGAAATAAATTTGGAAGACTGCTCCGG	Hs.119594	11150	0.448275	1.85563657	0.56548507	1.282866667	1.12465165	0.077943347								
CIT	NM_007174_bp5708_R	AGCTAAAAAGGCGTCCTCATACCAGGATAATCTCTTGAATTATCCTGGTATGAGGACGCCGG	Hs.119594	7285	3.36885	3.82357163	0.097690595											
CIT	NM_007174_bp5708_R	AGCTAAAAAGGCGTCCTCATACCAGGATAATCTCTTGAATTATCCTGGTATGAGGACGCCGG	Hs.119594	12661	4.11695	3.94387575	0.06317325											
CIT	NM_007174_bp5708_R	AGCTAAAAGGCGTCCTCATACCAGGATAATCTCTTGAATTATCCTGGTATGAGGACGCCGG	Hs.119594	1909	5.482925	1.04789689	0.001471037											
CITED2	AF109161_bp1468_R	AGCTAAAAGGGCAGATATTACTGCACAAATCTCTTGAATTTGTGCAGTAATATCTGCCCGG	Hs.82071	3578	0.1166875	0.4721078	0.624172822				-0.424775	0.62891417	0.185851999					
CITED2	AF109161_bp1468_R	AGCTAAAAGGGCAGATATTACTGCACAAATCTCTTGAATTTGTGCAGTAATATCTGCCCGG	Hs.82071	8954	0.0189625	0.48790669	0.937136788				0.000875	0.45900022	0.997226884					
CITED2	AF109161_bp1468_R	AGCTAAAAGGGCAGATATTACTGCACAAATCTCTTGAATTTGTGCAGTAATATCTGCCCGG	Hs.82071	14330	-0.0229625	0.4434926	0.919007293				-0.62605	0.25264744	0.020243183					
CITED2	AF109161_bp1740_R	AGCTAAAAGACACTGTGCTAATAGTTATATCTCTTGAATATAACTATTAGCACAGTGTCCGG	Hs.82071	3552	-0.1401125	0.57628646	0.609861311				0.3427	0.18595939	0.123082648					
CITED2	AF109161_bp1740_R	AGCTAAAAGACACTGTGCTAATAGTTATATCTCTTGAATATAACTATTAGCACAGTGTCCGG	Hs.82071	8928	-0.2049625	0.46967005	0.399989435				0.285275	0.18405529	0.185963977					
CITED2	AF109161_bp1740_R	AGCTAAAAGACACTGTGCTAATAGTTATATCTCTTGAATATAACTATTAGCACAGTGTCCGG	Hs.82071	14304	-0.0746125	0.64855823	0.801973952				0.310725	0.19214677	0.156658486					
CITED2	AF109161_bp223_R	AGCTAAAAGACCATATGATGGGCCATGAACTCTCTTGAAGTTCATGGCCATCATATGGTCGG	Hs.82071	2550	2.0170125	0.56991506	0.000517152				-0.119175	0.28860018	0.584897891					
CITED2	AF109161_bp223_R	AGCTAAAAGACCATATGATGGGCCATGAACTCTCTTGAAGTTCATGGCCATCATATGGTCGG	Hs.82071	8926	2.0694375	0.64737289	0.000724287				-0.12235	0.30891889	0.581535261					
CITED2	AF109161_bp223_R	AGCTAAAAGACCATATGATGGGCCATGAACTCTCTTGAAGTTCATGGCCATCATATGGTCGG	Hs.82071	14302	2.0511375	0.64808699	0.000757857				-0.0816	0.36014532	0.723357054					
CKAP4	NM_006825_bp1753_R	AGCTAAAAGTGGACAGTTTGGTTGCATACTCTCTTGAAGTATGCAACCAAACTGTCCACGG	Hs.74368	2511	2.6559625	0.76077326	0.000442777				-0.433875	0.73094561	0.221847443					
CKAP4	NM_006825_bp1753_R	AGCTAAAAGTGGACAGTTTGGTTGCATACTCTCTTGAAGTATGCAACCAAACTGTCCACGG	Hs.74368	7887	2.7529875	1.03683756	0.001334884				-0.485625	0.93725983	0.248788762					
CKAP4	NM_006825_bp1753_R	AGCTAAAAGTGGACAGTTTGGTTGCATACTCTCTTGAAGTATGCAACCAAACTGTCCACGG	Hs.74368	13263	2.7679625	0.9001709	0.000724239				-0.217825	0.84025871	0.561109289					
CKAP4	NM_006825_bp1813_R	AGCTAAAAGCCAAGGGTTTACTAGATGACTCTCTTGAAGTCATCTACTAGAAACCCTTGGCCGG	Hs.74368	1224	0.0936625	0.32560349	0.769121955				0.5226	0.52476991	0.088086787					
CKAP4	NM_006825_bp1813_R	AGCTAAAAGCCAAGGGTTTACTAGATGACTCTCTTGAAGTCATCTACTAGAAACCCTTGGCCGG	Hs.74368	6600	0.0745125	0.28999104	0.838167772				0.4757	0.45837389	0.095652062					
CKAP4	NM_006825_bp1813_R	AGCTAAAAGCCAAGGGTTTACTAGATGACTCTCTTGAAGTCATCTACTAGAAACCCTTGGCCGG	Hs.74368	11976	0.1105375	0.29084636	0.6884124				0.480625	0.44430231	0.089376948					
CKAP4	NM_006825_bp559_R	AGCTAAAAGAGCAGAAGGTGCAGTCTTTGTCTCTTGAACAAAGACTGCACCTTCTGCTCGG	Hs.74368	2509	1.3875625	0.33119295	0.00069743				0.60095	0.92075104	0.152029978					
CKAP4	NM_006825_bp559_R	AGCTAAAAGAGCAGAAGGTGCAGTCTTTGTCTCTTGAACAAAGACTGCACCTTCTGCTCGG	Hs.74368	7885	1.3890375	0.21728594	0.00031881				0.606925	1.01543433	0.175719637					
CKAP4	NM_006825_bp559_R	AGCTAAAAGAGCAGAAGGTGCAGTCTTTGTCTCTTGAACAAAGACTGCACCTTCTGCTCGG	Hs.74368	13261	1.4784875	0.35957211	0.000630355				0.512775	1.10798004	0.271831307					
CLCF1	BC012939_bp1172_R	AGCTAAAAGGATGGGTGTTGCTCCCTTATTCTCTTGAAATAAGGGAGCAACACCCATCCGG	Hs.502977	4323	1.01845	1.31792939	0.110305084	0.473725	0.58224054	0.146812334	-0.6574	0.69704246	0.109751533					
CLCF1	BC012939_bp1172_R	AGCTAAAAGGATGGGTGTTGCTCCCTTATTCTCTTGAAATAAGGGAGCAACACCCATCCGG	Hs.502977	9699	0.960325	1.18876043	0.10032864	0.81395	0.14263231	0.003146136	-0.85976667	0.755689	0.059485429					
CLCF1	BC012939_bp1172_R	AGCTAAAAGGATGGGTGTTGCTCCCTTATTCTCTTGAAATAAGGGAGCAACACCCATCCGG	Hs.502977	15075	1.14255	1.25760526	0.072218367	0.631225	0.15023684	0.008830686	-0.70255	0.86783215	0.179586406					
CLCF1	BC012939_bp1286_R	AGCTAAAAGCATTGGAGGTGCCCTATAAATCTCTTGAATTTATAGGGCACCTCCAATGCGG	Hs.502977	4321	0.26965	0.57876964	0.344496712	-0.53025	0.3388839	0.042635924	-0.05626667	0.33647898	0.835893117					
CLCF1	BC012939_bp1286_R	AGCTAAAAGCATTGGAGGTGCCCTATAAATCTCTTGAATTTATAGGGCACCTCCAATGCGG	Hs.502977	9697	0.53665	0.13942196	0.012173132	-0.978525	0.73752565	0.034897059	-0.12093333	0.25369541	0.642653561					
CLCF1	BC012939_bp1286_R	AGCTAAAAGCATTGGAGGTGCCCTATAAATCTCTTGAATTTATAGGGCACCTCCAATGCGG	Hs.502977	15073	0.26095	1.25015274	0.624238003	-0.4346	0.51076761	0.143100833	-0.1377	0.82056858	0.727642928					
CLCF1	BC012939_bp735_R	AGCTAAAAGGCTCATGGCTTCTGACTTCTTCTCTTGAAAGAAGTCAGAAGCCATGAGCCGG	Hs.502977	4325	-0.7957	0.16304161	0.00262365	-1.06615	0.31846813	0.002994748	-0.49976667	0.5723244	0.164236782					
CLCF1	BC012939_bp735_R	AGCTAAAAGGCTCATGGCTTCTGACTTCTTCTCTTGAAAGAAGTCAGAAGCCATGAGCCGG	Hs.502977	9701	-0.616825	0.40960773	0.029414376	-1.115675	0.6113108	0.013127074	-0.46696667	0.93292138	0.302457538					
CLCF1	BC012939_bp735_R	AGCTAAAAGGCTCATGGCTTCTGACTTCTTCTCTTGAAAGAAGTCAGAAGCCATGAGCCGG	Hs.502977	15077	-0.686625	0.31443653	0.011710568	-0.96275	0.62543595	0.097751521	-0.50553333	0.6975372	0.19604428					
CLIC4	AL117424_bp274_R	AGCTAAAAGCAGTGATGGTGAAAGCATAGTCTCTTGAACTATGCTTTCACCATCACTGCGG	Hs.440544	4223	1.6606625	0.38630513	0.000384766				0.532875	0.63164416	0.110647632					
CLIC4	AL117424_bp274_R	AGCTAAAAGCAGTGATGGTGAAAGCATAGTCTCTTGAACTATGCTTTCACCATCACTGCGG	Hs.440544	9599	1.9210625	0.34813881	0.000146241				0.596525	0.43258232	0.043989779					
CLIC4	AL117424_bp274_R	AGCTAAAAGCAGTGATGGTGAAAGCATAGTCTCTTGAACTATGCTTTCACCATCACTGCGG	Hs.440544	14975	1.6065625	0.42079426	0.000570733				0.56375	0.22944113	0.028451577					
CLIC4	AL117424_bp2925_R	AGCTAAAAGCCTCATAGCTTAAAGTATAATCTCTTGAATTATACTTTAAGCTATGAGGCGG	Hs.440544	3866	-0.2283625	0.37998631	0.295807694				-1.15795	0.42274251	0.002442418					
CLIC4	AL117424_bp2925_R	AGCTAAAAGCCTCATAGCTTAAAGTATAATCTCTTGAATTATACTTTAAGCTATGAGGCGG	Hs.440544	9242	-0.3255125	0.42077661	0.177910743				-0.951125	0.48511523	0.008346607					
CLIC4	AL117424_bp2925_R	AGCTAAAAGCCTCATAGCTTAAAGTATAATCTCTTGAATTATACTTTAAGCTATGAGGCGG	Hs.440544	14618	-0.2698125	0.36140878	0.215486985				-0.9225	0.47307814	0.009084899					
CLIC4	AL117424_bp357_R	AGCTAAAAGTGACGACTGTTGACCTGAAATCTCTTGAATTTCAGGTCAACAGTCGTCACGG	Hs.440544	4221	0.286	0.95629121	0.574204035				0.29415	0.29989901	0.207581234					
CLIC4	AL117424_bp357_R	AGCTAAAAGTGACGACTGTTGACCTGAAATCTCTTGAATTTCAGGTCAACAGTCGTCACGG	Hs.440544	9597	0.42695	1.09316137	0.458629807				0.2856	0.27785383	0.212022709					
CLIC4	AL117424_bp357_R	AGCTAAAAGTGACGACTGTTGACCTGAAATCTCTTGAATTTCAGGTCAACAGTCGTCACGG	Hs.440544	14973	0.3415	1.01399112	0.524259891				0.34565	0.31816533	0.153336203					
CLIC6	AF448439_bp1516_R	AGCTAAAAGCACCACAGTGGACCTGAAATCTCTTGAATTTCAGGTCCACTGTGGTCACGG	Hs.592155	3736	-0.115	0.07410479	0.661598857				0.172975	0.43441738	0.490849524					
CLIC6	AF448439_bp1516_R	AGCTAAAAGCACCACAGTGGACCTGAAATCTCTTGAATTTCAGGTCCACTGTGGTCACGG	Hs.592155	9112	-0.1815	0.51966334	0.537563396				0.071675	0.2120314	0.725538446					
CLIC6	AF448439_bp1516_R	AGCTAAAAGCACCACAGTGGACCTGAAATCTCTTGAATTTCAGGTCCACTGTGGTCACGG	Hs.592155	14488	0.02	0.20053548	0.941156936				0.14655	0.25611036	0.493716471					
CLIC6	AF448439_bp1679_R	AGCTAAAAGGACCCAACATCCCGAATCTATCTCTTGAATAGATTCGGGATGTTGGGTCCGG	Hs.592155	3732	-0.0156	0.45920324	0.953361173				-0.15305	0.15185955	0.445979885					
CLIC6	AF448439_bp1679_R	AGCTAAAAGGACCCAACATCCCGAATCTATCTCTTGAATAGATTCGGGATGTTGGGTCCGG	Hs.592155	9108	-0.111666667	0.30038825	0.618030928				-0.16405	0.11034982	0.407142819					
CLIC6	AF448439_bp1679_R	AGCTAAAAGGACCCAACATCCCGAATCTATCTCTTGAATAGATTCGGGATGTTGGGTCCGG	Hs.592155	14484	-0.1751875	0.33594127	0.382972471				-0.089125	0.10666744	0.64507432					
CLIC6	AF448439_bp1826_R	AGCTAAAAGCCCTCTGCCTGATGAATAGTCTCTTGAACTATTTCATCAGGCAGAGGGCGG	Hs.592155	3734							-0.653525	0.2828203	0.018760008					
CLIC6	AF448439_bp1826_R	AGCTAAAAGCCCTCTGCCTGATGAATAGTCTCTTGAACTATTTCATCAGGCAGAGGGCGG	Hs.592155	9110	0.647						-0.621375	0.28412963	0.023042209					
CLIC6	AF448439_bp1826_R	AGCTAAAAGCCCTCTGCCTGATGAATAGTCTCTTGAACTATTTCATCAGGCAGAGGGCGG	Hs.592155	14486	0.0463125	0.4277311	0.834115476				-0.518275	0.27406146	0.043649785					
CLK1	NM_004071_bp364_R	AGCTAAAAGCGCTACATTGATGAGTACATCTCTTGAATGTACTCATCAATGTAGCGCTCGG	Hs.433732	1704	1.371	1.32529953	0.101866781	0.2387625	0.69610242	0.482524988				0.2979			0.00725	0.29196439	0.977652713
CLK1	NM_004071_bp364_R	AGCTAAAAGCGCTACATTGATGAGTACATCTCTTGAATGTACTCATCAATGTAGCGCTCGG	Hs.433732	7080	1.29595	1.2667818	0.105982857	0.1223625	0.38944461	0.578979641				0.1115			0.1623		
CLK1	NM_004071_bp364_R	AGCTAAAAGCGCTACATTGATGAGTACATCTCTTGAATGTACTCATCAATGTAGCGCTCGG	Hs.433732	12456	0.2129			0.4299875	0.72786825	0.247856772									
CLK1	NM_004071_bp681_R	AGCTAAAAGTGACGTCGATCATAAATCTCTTGAATTATGATCGATGCACTTCCACGCGG	Hs.433732	236	3.068766667	1.19327096	0.003904751	-0.4422625	0.21304913	0.040833573									
CLK1	NM_004071_bp681_R	AGCTAAAAGTGGAGTGCATCGATCATAAATCTCTTGAATTATGATCGATGCACTTCCACGCGG	Hs.433732	5612	3.1531	1.26862102	0.004327081	-0.4464625	0.23833739	0.04457218									
CLK1	NM_004071_bp681_R	AGCTAAAAGTGGAGTGCATCGATCATAAATCTCTTGAATTATGATCGATGCACTTCCACGCGG	Hs.433732	10988	4.710125	3.43831605	0.016722093	-0.3862625	0.23743994	0.067825904									
CLK1	NM_004071_bp706_R	AGCTAAAAGGGTAGACATGTAGCAGTAATCTCTTGAATTACTGCTACATGTCTACCTCGG	Hs.433732	1730	0.53995	0.53346777	0.077179118	0.1924375	0.16236436	0.210678996				2.5649			0.6982		
CLK1	NM_004071_bp706_R	AGCTAAAAGGGTAGACATGTAGCAGTAATCTCTTGAATTACTGCTACATGTCTACCTCGG	Hs.433732	7106	0.5337	0.55046889	0.084839867	0.1352875	0.11743533	0.375621056				2.9122					
CLK1	NM_004071_bp706_R	AGCTAAAAGGGTAGACATGTAGCAGTAATCTCTTGAATTACTGCTACATGTCTACCTCGG	Hs.433732	12482	0.51885	0.50200184	0.076530426	0.1580625	0.15202901	0.325220057				3.5083			1.0082		
CLK2	NM_003993_bp176_R	AGCTAAAAAGGAGTTACCGTGAACACTATCTCTCTTGAAGATAGTGTTCACGGTAACTCCGG	Hs.73986	234															
CLK2	NM_003993_bp176_R	AGCTAAAAAGGAGTTACCGTGAACACTATCTCTCTTGAAGATAGTGTTCACGGTAACTCCGG	Hs.73986	5610															
CLK2	NM_003993_bp176_R	AGCTAAAAAGGAGTTACCGTGAACACTATCTCTCTTGAAGATAGTGTTCACGGTAACTCCGG	Hs.73986	10986															
CLK2	NM_003993_bp299_R	AGCTAAAAAGCAGTTATGATGATCGTTCGTTCTCTTGAAACGAACGATCATCATAACTGCGG	Hs.73986	1702	2.158025	1.94821	0.036832606	-0.0197375	1.95263966	0.981550719				1.2492					
CLK2	NM_003993_bp299_R	AGCTAAAAAGCAGTTATGATGATCGTTCGTTCTCTTGAAACGAACGATCATCATAACTGCGG	Hs.73986	7078	2.6222	2.83303647	0.063228264	-0.0650125	1.98219683	0.940183591				1.2457					
CLK2	NM_003993_bp299_R	AGCTAAAAGCAGTTATGATGATCGTTCGTTCTCTTGAAACGAACGATCATCATAACTGCGG	Hs.73986	12454	2.134025	1.99187893	0.041024586	-0.0566625	1.93542014	0.946624626				1.3287					
CLK2	NM_003993_bp751_R	AGCTAAAAAGAGATCAACGTGCTAGAGAAATCTCTTGAATTTCTCTAGCACGTTGATCTCGG	Hs.73986	235	0.0415	0.40994281	0.868989563	-0.4793375	0.44427172	0.090044573				-0.3815	0.16871568	0.19294601	-0.308425	0.15262264	0.027258032
CLK2	NM_003993_bp751_R	AGCTAAAAAGAGATCAACGTGCTAGAGAAATCTCTTGAATTTCTCTAGCACGTTGATCTCGG	Hs.73986	5611	0.111333333	0.34393029	0.636236402	-0.3943375	0.42524952	0.134451948				-0.13625	0.10594456	0.082308936	-0.22375	0.15960613	0.067640656
CLK2	NM_003993_bp751_R	AGCTAAAAAGAGATCAACGTGCTAGAGAAATCTCTTGAATTTCTCTAGCACGTTGATCTCGG	Hs.73986	10987	0.1481	0.44545205	0.58032423	-0.3173375	0.41268245	0.201635538	-0.1911	0.19874982	0.237752818	-0.088875	0.13146932	0.278047671
CLK3	NM_003992_bp1229_R	AGCTAAAAGCCCATCCCATCACACATGATTCCTCTTGAAATCATGTGTGATGGGGATGGGCGG	Hs.511790	233	-0.302725	0.51879018	0.26036106	0.0268875	0.08949645	0.84985997									
CLK3	NM_003992_bp1229_R	AGCTAAAAGCCCATCCCATCACACATGATTCCTCTTGAAATCATGTGTGATGGGGATGGGCGG	Hs.511790	5609	-0.246275	0.49005195	0.331968136	-0.0081875	0.16482911	0.957551935				0.2214			0.0402	0.15355491	0.694677693
CLK3	NM_003992_bp1229_R	AGCTAAAAGCCCATCCCATCACACATGATTCCTCTTGAAATCATGTGTGATGGGATGGGCGG	Hs.511790	10985	-0.215925	0.46689353	0.375432575	-0.0522275	0.19939417	0.740702751									
CLK3	NM_003992_bp1403_R	AGCTAAAAGAGGAGGATGTTAGAATTTGATCTCTTGAATCAAATTCTAACATCCTCCTCGG	Hs.511790	1698	0.0868			-0.450425	0.53185037	0.295002809									
CLK3	NM_003992

COLEC11	BF316150_bp965_R	AGCTAAAAAGCACACCGTGAGAGACAGATCTCTTGAATCTGTCTCTCACGGTGTGCTCGG	Hs.32603	9691	1.175575	0.5178305	0.004315554	0.115666667	0.08593604	0.545787489	3.5419	3.12529965	0.027142789									
COLEC11	BF316150_bp965_R	AGCTAAAAAGCACACCGTGAGAGACAGATCTCTTGAATCTGTCTCTCACGGTGTGCTCGG	Hs.32603	15067	0.992133333	1.35645158	0.16054489	0.034033333	0.36761884	0.891910346	3.361466667	2.3983838	0.012917405									
COPB2	NM_004766_bp1256_R	AGCTAAAAAGGCCCACGATTCTTCAGAGTATCTCTTGAATACTCTGAAGAATCGTGGGCCGG	Hs.75724	2620	-0.019125	0.55731725	0.891059508				-0.2974625	0.31994378	0.274362244									
COPB2	NM_004766_bp1256_R	AGCTAAAAAGGCCCACGATTCTTCAGAGTATCTCTTGAATACTCTGAAGAATCGTGGGCCGG	Hs.75724	7996	0.016925	0.69428665	0.820049272				-0.4250625	0.50880129	0.180560369									
COPB2	NM_004766_bp1256_R	AGCTAAAAAGGCCCACGATTCTTCAGAGTATCTCTTGAATACTCTGAAGAATCGTGGGCCGG	Hs.75724	13372	-0.158025	0.42243099	0.660782932				-0.3791375	0.27023939	0.149814634									
COPB2	NM_004766_bp1655_R	AGCTAAAAAGGTAGGCGATTGCTTCATTTATCTCTTGAATAAATGAAGCAATCGCCTACCGG	Hs.75724	2624	1.582625	0.44895792	0.000606166				1.0947625	1.14799114	0.041888802									
COPB2	NM_004766_bp1655_R	AGCTAAAAAGGTAGGCGATTGCTTCATTTATCTCTTGAATAAATGAAGCAATCGCCTACCGG	Hs.75724	8000	1.549125	0.45672431	0.000707674				1.1893125	0.81675245	0.010779356									
COPB2	NM_004766_bp1655_R	AGCTAAAAAGGTAGGCGATTGCTTCATTTATCTCTTGAATAAATGAAGCAATCGCCTACCGG	Hs.75724	13376	1.57735	0.29228626	0.000229578				0.9433375	1.04740307	0.052791838									
COPB2	NM_004766_bp294_R	AGCTAAAAAGCGGATGACATGCAGATTAGATCTCTTGAATCTAATCTGCATGTCATCCGCGG	Hs.75724	2622	1.12755	1.53729311	0.104620935				1.9388375	2.51962001	0.07036141									
COPB2	NM_004766_bp294_R	AGCTAAAAAGCGGATGACATGCAGATTAGATCTCTTGAATCTAATCTGCATGTCATCCGCGG	Hs.75724	7998	1.080325	1.5757238	0.112678544				1.8379875	2.47786093	0.078406685									
COPB2	NM_004766_bp294_R	AGCTAAAAAGCGGATGACATGCAGATTAGATCTCTTGAATCTAATCTGCATGTCATCCGCGG	Hs.75724	13374	1.000075	1.36723027	0.105068003				1.1379625	1.81270828	0.124653125									
COPS8	NM_198189_bp1047_R	AGCTAAAAAGGCAAGCTGATTCCACCACAATCTCTTGAATTGTGGTGGAATCAGCTTGCCGG	Hs.51713	4664	0.310633333	0.57241073	0.339443413	-0.335483333	0.76316243	0.426647093				-0.065725	1.18485702	0.918668451	-0.5455	0.71741546	0.225664905			
COPS8	NM_198189_bp1047_R	AGCTAAAAAGGCAAGCTGATTCCACCACAATCTCTTGAATTGTGGTGGAATCAGCTTGCCGG	Hs.51713	10040	0.161633333	0.93765671	0.571410453	-0.0653	0.03125412	0.810492751				-0.4539	0.34716188	0.151807735	-0.5421	0.84457154	0.289406183			
COPS8	NM_198189_bp1047_R	AGCTAAAAAGGCAAGCTGATTCCACCACAATCTCTTGAATTGTGGTGGAATCAGCTTGCCGG	Hs.51713	15416	0.132766667	0.53536044	0.653984526	-0.295116667	0.6489428	0.428237232				-0.487666667	0.53080255	0.2525275	-0.56435	0.70159613	0.206275405			
COPS8	NM_198189_bp1098_R	AGCTAAAAAGGGCCCTGGATGTTTCCTTTATCTCTTGAATAAAGGAAACATTCAGGGCCCGG	Hs.51713	4660	-0.2092625	0.11915467	0.187775065	-0.5545625	0.61812772	0.1141934				0.317275	0.53765882	0.32297532	0.109825	0.44927687	0.658426285			
COPS8	NM_198189_bp1098_R	AGCTAAAAAGGGCCCTGGATGTTTCCTTTATCTCTTGAATAAAGGAAACATTCAGGGCCCGG	Hs.51713	10036	-0.4762875	0.14226398	0.019387426	-0.6183875	0.5213446	0.06103776				0.3359	0.51425782	0.282564682	0.121675	0.46487913	0.636856655			
COPS8	NM_198189_bp1098_R	AGCTAAAAAGGGCCCTGGATGTTTCCTTTATCTCTTGAATAAAGGAAACATTCAGGGCCCGG	Hs.51713	15412	-0.3004875	0.15810048	0.08950941	-0.1525625	0.47290885	0.543367243				0.3346	0.51811198	0.287001994	0.082675	0.5245253	0.773236849			
COPS8	NM_198189_bp893_R	AGCTAAAAGTCCAGGCCAATTATGGAAGGATCTCTTGAATGCTTCCATAATTGGCTGGACGG	Hs.51713	4662	0.4056625	0.66369294	0.216991336	-0.1177375	0.75925805	0.741700708				0.240925	0.34656072	0.258609318	0.33855	0.57660645	0.325013096			
COPS8	NM_198189_bp893_R	AGCTAAAAAGTCCAGGCCAATTATGGAAGGATCTCTTGAATGCTTCCATAATTGGCTGGACGG	Hs.51713	10038	-0.1790625	0.24986435	0.31766997	-0.1380375	0.3896837	0.533488759				0.25555	0.36797354	0.2589952	0.383475	0.50784122	0.228145906			
COPS8	NM_198189_bp893_R	AGCTAAAAGTCCAGGCCAATTATGGAAGGATCTCTTGAATGCTTCCATAATTGGCTGGACGG	Hs.51713	15414	-0.0578625	0.18723232	0.712270604	0.153116667	0.26935401	0.503838563				0.255075	0.37633516	0.268258614	0.387675	0.51703248	0.230676139			
CPNE5	AB046819_bp1456_R	AGCTAAAAAGCAGAGCCAATTCAACATCTATCTCTTGAATAGATGTTGAATTGGCTCTGCGG	Hs.37219	3779	-0.346925	0.36693185	0.130379067				-0.2750625	0.56692095	0.344425951									
CPNE5	AB046819_bp1456_R	AGCTAAAAAGCAGAGCCAATTCAACATCTATCTCTTGAATAGATGTTGAATTGGCTCTGCGG	Hs.37219	9155	-0.309725	0.37433755	0.1717236				-0.3170875	0.60853979	0.299110175									
CPNE5	AB046819_bp1456_R	AGCTAAAAAGCAGAGCCAATTCAACATCTATCTCTTGAATAGATGTTGAATTGGCTCTGCGG	Hs.37219	14531	-0.62045	0.35400111	0.021499675				-0.4053375	0.29517607	0.098291691									
CPNE5	AB046819_bp2065_R	AGCTAAAAAGTCCCCCGATATTATTCCTCGTCATTATTCTCTTGAAATAATGATGGACATGGGGAGCGG	Hs.37219	3775	-1.0904	0.5324016	0.006439518				-0.2375875	0.61287415	0.429114412									
CPNE5	AB046819_bp2065_R	AGCTAAAAAGTCCCCCGATATTATTCCTCGTCATTATTCTCTTGAAATAATGATGGACATGGGGAGCGG	Hs.37219	9151	-0.967225	0.29083116	0.002399138				0.0966875	1.20433603	0.840182585									
CPNE5	AB046819_bp2065_R	AGCTAAAAAGTCCCCCGATATTATTCCTCGTCATTATTCTCTTGAAATAATGATGGACATGGGGAGCGG	Hs.37219	14527	-0.558725	0.50677294	0.063028197				-0.3323625	0.24249524	0.145620707									
CPNE5	AB046819_bp584_R	AGCTAAAAAGCGCACGGGATTGACTAATTTGTCTCTTGAACAAATTAGTCAATCCCTGCGCGG	Hs.37219	3777	-0.4748	0.51055577	0.100239396				0.6027625	0.69355195	0.092941852									
CPNE5	AB046819_bp584_R	AGCTAAAAAGCGCACGGGATTGACTAATTTGTCTCTTGAACAAATTAGTCAATCCCTGCGCGG	Hs.37219	9153	-1.1772	0.61890546	0.007463038				1.4439375	0.40919466	0.000723516									
CPNE5	AB046819_bp584_R	AGCTAAAAAGCGCACGGGATTGACTAATTTGTCTCTTGAACAAATTAGTCAATCCCTGCGCGG	Hs.37219	14529	-0.7038	0.21383892	0.005874423				0.2820375	0.43709032	0.277647665									
CREB1	NM_134442_bp1180_R	AGCTAAAAAGGACCTTTACTGCCACAAATCTCTCTTGAAGATTTGTGGCAGTAAAGGTCCGG	Hs.58750	1223	-0.8050625	0.12646098	0.001700635				0.042225	0.54131965	0.866241765									
CREB1	NM_134442_bp1180_R	AGCTAAAAAGGACCTTTACTGCCACAAATCTCTCTTGAAGATTTGTGGCAGTAAAGGTCCGG	Hs.58750	6599	-1.0294875	0.51550249	0.006513337				0.05345	0.54960842	0.835586401									
CREB1	NM_134442_bp1180_R	AGCTAAAAAGGACCTTTACTGCCACAAATCTCTCTTGAAGATTTGTGGCAGTAAAGGTCCGG	Hs.58750	11975	-0.7398625	0.15107085	0.002732295				0.0376	0.57165827	0.883002074									
CREB1	NM_134442_bp397_R	AGCTAAAAAGCCCAGCCATCAGTTATTCATCTCTTGAATGAATAACTGATGGCCTGGGCCGG	Hs.58750	1222	-0.1051125	0.24415251	0.414326669				0.7987	1.0162177	0.088911021									
CREB1	NM_134442_bp397_R	AGCTAAAAAGCCCAGCCATCAGTTATTCATCTCTTGAATGAATAACTGATGGCCTGGGCCGG	Hs.58750	6598	-0.1385375	0.24042803	0.319146419				0.82435	0.9636245	0.071740579									
CREB1	NM_134442_bp397_R	AGCTAAAAAGCCCAGCCATCAGTTATTCATCTCTTGAATGAATAACTGATGGCCTGGGCCGG	Hs.58750	11974	-0.0964125	0.18874218	0.408145152				0.8834	0.99360533	0.062497932									
CREB1	NM_134442_bp717_R	AGCTAAAAGTGGACAGTATATTGCCATTATCTCTTGAATAATGGCAATATACTGTCCACGG	Hs.58750	2507	1.2857375	0.65474572	0.007053192				-0.034825	0.37413908	0.893371377									
CREB1	NM_134442_bp717_R	AGCTAAAAGTGGACAGTATATTGCCATTATCTCTTGAATAATGGCAATATACTGTCCACGG	Hs.58750	7883	1.3580375	0.73616346	0.008266135				-0.108975	0.83307136	0.769367159									
CREB1	NM_134442_bp717_R	AGCTAAAAGTGGACAGTATATTGCCATTATCTCTTGAATAATGGCAATATACTGTCCACGG	Hs.58750	13259	1.2581625	0.66141464	0.008008383				0.011825	0.42391836	0.948678815									
CREB3L1	BC015781_bp1066_R	AGCTAAAAGGTGGAGAGCATTTACATCTGATCTCTTGAATCAGATGTAAATGTCTCCACCGG	Hs.405961	4337	-0.314025	0.41838229	0.189739947	0.2325	0.53441244	0.405587962	-0.65336667	0.68617714	0.109081648									
CREB3L1	BC015781_bp1066_R	AGCTAAAAGGTGGAGAGCATTTACATCTGATCTCTTGAATCAGATGTAAATGTCTCCACCGG	Hs.405961	9713	-0.14155	0.3701549	0.495927392	0.55215	0.46088139	0.065752894	-0.57033333	0.69706291	0.153004813									
CREB3L1	BC015781_bp1066_R	AGCTAAAAGGTGGAGAGCATTTACATCTGATCTCTTGAATCAGATGTAAATGTCTCCACCGG	Hs.405961	15089	-0.076425	0.32143625	0.687723281	0.51245	0.20776601	0.163579867	-0.71326667	0.97970677	0.15019609									
CREB3L1	BC015781_bp1394_R	AGCTAAAAGGGGCAGGCTTATGGGAAGATTCTCTTGAATCCTTCCCATAAGCCTGCCCCGG	Hs.405961	4339	0.971	1.14740062	0.089454278	0.4587	0.21791599	0.037240924	-0.539	1.36187947	0.365592638									
CREB3L1	BC015781_bp1394_R	AGCTAAAAGGGGCAGGCTTATGGGAAGATTCTCTTGAATCCTTCCCATAAGCCTGCCCCGG	Hs.405961	9715	0.7874	1.33325314	0.198405583	0.3867	0.27898029	0.080568497	0.122166667	0.46634153	0.683971341									
CREB3L1	BC015781_bp1394_R	AGCTAAAAGGGGCAGGCTTATGGGAAGATTCTCTTGAATCCTTCCCATAAGCCTGCCCCGG	Hs.405961	15091	1.4211	1.1643886	0.047333378	0.01045	0.44653793	0.976081264	0.3785	0.90085404	0.439636809									
CREB3L1	BC015781_bp304_R	AGCTAAAAGAGCCCTCTATTGGACATGGATCTCTTGAATCCATGTCCAATAGAGGGCTCGG	Hs.405961	4335	-0.2131	0.70919797	0.51342901	0.52995	0.76732223	0.185021916	2.325533333	4.10412425	0.181359588									
CREB3L1	BC015781_bp304_R	AGCTAAAAGAGCCCTCTATTGGACATGGATCTCTTGAATCCATGTCCAATAGAGGGCTCGG	Hs.405961	9711	-0.0746	0.67484202	0.808011189	0.42975	0.56630984	0.170223159	2.3694	4.73563334	0.227863377									
CREB3L1	BC015781_bp304_R	AGCTAAAAGAGCCCTCTATTGGACATGGATCTCTTGAATCCATGTCCAATAGAGGGCTCGG	Hs.405961	15087	-0.168875	0.78551587	0.630600385	0.364175	0.62373979	0.264035952	0.449433333	0.99037038	0.337410163									
CREB3L2	BX649143_bp3699_R	AGCTAAAAGGGGCAGAAGTGAAGAATGATCTCTTGAATCATTCTCTCAACTTCTGCCCCGG	Hs.59634	4608	1.05405	0.82473342	0.027893756	0.94925	0.83015261	0.052437684	5.7808											
CREB3L2	BX649143_bp3699_R	AGCTAAAAGGGGCAGAAGTGAAGAATGATCTCTTGAATCATTCTCTCAACTTCTGCCCCGG	Hs.59634	9984	0.9529	0.84039961	0.041409321	0.8579	0.9317782	0.101187872	4.5859											
CREB3L2	BX649143_bp3699_R	AGCTAAAAGGGGCAGAAGTGAAGAATGATCTCTTGAATCATTCTCTCAACTTCTGCCCCGG	Hs.59634	15360	1.022375	0.85700393	0.034702174	0.8657	0.88768553	0.080233702	5.2435											
CREB3L2	BX649143_bp5425_R	AGCTAAAAGGCCCTCGACTTTGACCTTAAATCTCTTGAATTTAAGTGCAAAGTCGAGGGCCGG	Hs.59634	4609	-0.305475	0.61728892	0.311435406	0.14915	0.41576627	0.518789005	-1.11993333	0.26196134	0.005889484									
CREB3L2	BX649143_bp5425_R	AGCTAAAAGGCCCTCGACTTTGACCTTAAATCTCTTGAATTTAAGTGCAAAGTCGAGGGCCGG	Hs.59634	9985	-0.08725	0.59798325	0.755220121	0.091475	0.27467015	0.618008287	-1.26433333	0.4251271	0.005504436									
CREB3L2	BX649143_bp5425_R	AGCTAAAAGGCCCTCGACTTTGACCTTAAATCTCTTGAATTTAAGTGCAAAGTCGAGGGCCGG	Hs.59634	15361	-0.0918	0.59813655	0.743081227	0.1246	0.23234261	0.475519307	-0.94423333	0.28163299	0.012380535									
CREB3L2	BX649143_bp5722_R	AGCTAAAAGTGCCTTAAATGTGCCTTATATCTCTTGAATATAAGGCACATTTAAGGCACGG	Hs.59634	9987	-0.7946	0.72357365	0.049410467	0.697675	0.38534494	0.022074897	-0.0296	1.79893682	0.967398593									
CREB3L2	BX649143_bp5722_R	AGCTAAAAGTGCCTTAAATGTGCCTTATATCTCTTGAATATAAGGCACATTTAAGGCACGG	Hs.59634	4611	-1.061825	0.40809917	0.003422824	0.688425	0.70566554	0.087146248	0.7584	1.62507281	0.305293242									
CREB3L2	BX649143_bp5722_R	AGCTAAAAGTGCCTTAAATGTGCCTTATATCTCTTGAATATAAGGCACATTTAAGGCACGG	Hs.59634	15363	-0.765525	0.28455499	0.006302105	0.560825	0.54908417	0.088463552	0.8804	1.8786413	0.291020412									
CREBBP	NM_004380_bp1821_R	AGCTAAAAGCCCCCAAACTTGATTTCAGATCTCTTGAATCTGAAATCAAGTTTGGGGGCCGG	Hs.459759	1221	-0.1045625	0.39531977	0.507603036				-0.39275	0.3676249	0.126845244									
CREBBP	NM_004380_bp1821_R	AGCTAAAAGCCCCCAAACTTGATTTCAGATCTCTTGAATCTGAAATCAAGTTTGGGGGCCGG	Hs.459759	6597	-0.172533333	0.40914037	0.420685769				-0.46115	0.3189747	0.072400164									
CREBBP	NM_004380_bp1821_R	AGCTAAAAGCCCCCAAACTTGATTTCAGATCTCTTGAATCTGAAATCAAGTTTGGGGGCCGG	Hs.459759	11973	-0.178033333	0.54171773	0.476845571				-0.496925	0.32977932	0.058922302									
CREBBP	NM_004380_bp2204_R	AGCTAAAAGGAGGTCGCGTTTACATAAACTTCTCTTGAAGTTATGTAAACGCGCACCTCCGG	Hs.459759	2505	0.5052625	0.29443479	0.042338442				1.146175	0.79310281	0.012795658									
CREBBP	NM_004380_bp2204_R	AGCTAAAAGGAGGTCGCGTTTACATAAACTTCTCTTGAAGTTATGTAAACGCGCACCTCCGG	Hs.459759	7881	0.942016667	0.25459361	0.009852903				1.179575	0.73231772	0.008872163									
CREBBP	NM_004380_bp2204_R	AGCTAAAAGGAGGTCGCGTTTACATAAACTTCTCTTGAAGTTATGTAAACGCGCACCTCCGG	Hs.459759	13257	1.07805	0.43253722	0.037929542				1.16595	0.70697727	0.008425715									
CREBBP	NM_004380_bp4476_R	AGCTAAAAGCGGTGTGTACATTTCTTATCTCTTGAATAAGAAATGTACACACGCCTCGG	Hs.459759	1220	2.6247875	0.51419191	0.000112159				1.2262	0.36551094	0.001310066									
CREBBP	NM_004380_bp4476_R	AGCTAAAAGCGGTGTGTACATTTCTTATCTCTTGAATAAGAAATGTACACACGCCTCGG	Hs.459759	6596	2.6565625	0.46840544	7.77E-05				1.203575	0.41971063	0.001871676									
CREBBP	NM_004380_bp4476_R	AGCTAAAAGCGGTGTGTACATTTCTTATCTCTTGAATAAGAAATGTACACACGCCTCGG	Hs.459759	11972	2.6492375	0.48657627	8.89E-05				1.2217	0.40328943	0.001605094									
CREM	NM_183013_bp544_R	AGCTAAAAGTGCAGCAATTGCAGAGACACATCTCTTGAATGTCTCTCTGCAATTGCTGCTACGG	Hs.20250	1217	0.3868875	0.66378114	0.277503275				-0.402875	0.45237651	0.144684984									
CREM	NM_183013_bp544_R	AGCTAAAAGTAGCAGCAATTGCAGAGACACATCTCTTGAATGTCTCTCTGCAATTGCTGCTACGG	Hs.20250	6593	0.3243625	0.70068703	0.382408306				-0.42235	0.47296786	0.135718363									
CREM	NM_183013_bp544_R	AGCTAAAAGTAGCAGCAATTGCAGAGACACATCTCTTGAATGTCTCTCTGCAATTGCTGCTACGG	Hs.20250	11969	0.3437125	0.65081473	0.327710356				-0.427275	0.47063058	0.131403818									
CREM	NM_183013_bp679_R	AGCTAAAAGTTCCCAAGATTGAAGAAGAGTCTCTTGAACTCTTCTTCAATCTTGGGAACGG	Hs.20250	1218	-0.4847125	0.53339048	0.085374734				0.399775	0.28449098	0.09563618									
CREM	NM_183013_bp679_R	AGCTAAAAGTTCCCAAGATTGAAGAAGAGTCTCTTGAACTCTTCTTCAATCTTGGGAACGG	Hs.20250	6594	-0.6163875	0.53076046	0.043320183				0.4146	0.31550118	0.092932251									
CREM	NM_183013_bp679_R	AGCTAAAAGTTCCCAAGATTGAAGAAGAGTCTCTTGAACTCTTCTTCAATCTTGGGAACGG	Hs.20250	11970	-0.5302625	0.4975971	0.058423833				0.4437	0.35763028	0.085268884									
CREM	NM_183013_bp776_R	AGCTAAAAGGACCAATACAATGAGGAAACTGTCTCTTGAACAGTTTCCTATTGATTGCCGG	Hs.20250	1219	-0.9110625	0.08513614	0.000847384				0.02455	0.29368669	0.89535173									
CREM	NM_183013_bp776_R	AGCTAAAAGGACCAATACAATGAGGAAACTGTCTCTTGAACAGTTTCCTATTGATTGCCGG	Hs.20250	6595	-0.9432375	0.12849277	0.000868139				0.0203	0.32823078	0.913572339									
CREM	NM_183013_bp776_R	AGCTAAAAGGACCAATACAATGAGGAAACTGTCTCTTGAACAGTTTCCTATTGATTGCCGG	Hs.20250	11971	-0.8892625	0.11353387	0.001046942				-0.0031	0.31761287	0.997503561									
CRK7	NM_016507_bp2697_R	AGCTAAAAAGAGTCGCCCTTACACAAAACAATCTCTTGAATTGTTTGTGTAAGGGCGACTCGG	Hs.416108	567	7.34645																	
CRK7	NM_016507_bp2697_R	AGCTAAAAAGAGTCGCCCTTACACAAAACAATCTCTTGAATTGTTTGTGTAAGGGCGACTCGG	Hs.416108	5943	6.8983	0.50370806	8.10E-07	1.80085	4.22998348	0.427346306												
CRK7	NM_016507_bp2697_R	AGCTAAAAGAGTCGCCCTTACACAAAACAATCTCTTGAATTGTTTGTGTAAGGGCGACTCGG	Hs.416108	11319	6.449875	0.70926936	4.13E-06	-1.3086														
CRK7	NM_016507_bp2800_R	AGCTAAAAAGGATGTATTCTTGGGGAACTATCTCTTGAATAGTTCCCCAAGAATACATCCGG	Hs.416108	5944	0.683075	0.81654011	0.101502796	0.004233333	1.51272503	0.995382533												
CRK7	NM_016507_bp2800_R	AGCTAAAAGGATGTATTCTTGGGGAACTATCTCTTGAATAGTTCCCCAAGAATACATCCGG	Hs.416108	11320	0.3799	0.49393681	0.160291307	-0.0012	1.56478413	0.998732096												
CRK7	NM_016507_bp747_R	AGCTAAAAGGGAGCTTCTTATGGCCAAGATCTCTTGAATCTTGGCCATAAGAAGCTCCCGG	Hs.416108	1728	4.47435	4.91912448	0.065653675	-0.923366667	3.1895152	0.551107899												
CRK7	NM_016507_bp747_R	AGCTAAAAGGGAGCTTCTTATGGCCAAGATCTCTTGAATCTTGGCCATAAGAAGCTCCCGG	Hs.416108	7104	4.87525	4.63293888	0.041921036	-0.6776	3.40658177	0.677379711												
CRK7	NM_016507_bp747_R	AGCTAAAAGGGAGCTTCTTATGGCCAAGATCTCTTGAATCTTGGCCATAAGAAGCTCCCGG	Hs.416108	12480	3.99055	4.15047105	0.055794273	-1.985833333	2.13240677	0.113694342												
CRKL	NM_005207_bp1305_R	AGCTAAAAGTCACAAGGATGAATATAAATCTCTTGAAATTTATATTCATCCTTGTGACGG	Hs.592205	2503	0.5242375	0.51149383	0.094951234				0.17625	0.46782878	0.486258368									
CRKL	NM_005207_bp1305_R	AGCTAAAAGTCACAAGGATGAATATAAATCTCTTGAAATTTATATTCATCCTTGTGACGG	Hs.592205	7879	0.5239875	0.54139764	0.105596753				0.255075	0.51719923	0.349190649									
CRKL	NM_005207_bp1305_R	AGCTAAAAGTCACAAGGATGAATATAAATCTCTTGAAATTTATATTCATCCTTGTGACGG	Hs.592205	13255	0.5251125	0.58209923	0.119704165				0.2584	0.46822265	0.321716236									
CRKL	NM_005207_bp924_R	AGCTAAAAGCCGAAGACCTGCCCTTTAAATCTCTTGAATTTAAAGGGCAGGTCTTCGGCGGG	Hs.592205	1216	0.0408625	0.75948874	0.992407626				0.718225	0.74753595	0.063931182									
CRKL	NM_005207_bp924_R	AGCTAAAAGCCGAAGACCTGCCCTTTAAATCTCTTGAATTTAAAGGGCAGGTCTTCGGCGGG	Hs.592205	6592	0.0829875	0.7139435	0.887685039				0.786975	0.86986146	0.067347224									
CRKL	NM_005207_bp924_R	AGCTAAAAGCCGAAGACCTGCCCTTTAAATCTCTTGAATTTAAAGGGCAGGTCTTCGGCGGG	Hs.592205	11968	0.1179375	0.70486607	0.800910789				0.718825	0.80441141	0.074543068									
CRKL	NM_005207_bp948_R	AGCTAAAAGGTGAGATCCTAGTGATAATATCTCTTGAATATTATCACTAGGATCTCACCGG	Hs.592205	2501	0.3977625	0.56331137	0.214970419				-0.156825	1.04127269	0.719456067									
CRKL	NM_005207_bp948_R	AGCTAAAGGTGAGATCCTAGTGATAATATCTCTTGAATATTATCACTAGGATCTCACCGG	Hs.592205	7877	0.3990375	0.63665971	0.250933648				-0.40425	1.15346326	0.398785646									
CRKL	NM_005207_bp948_R	AGCTAAAAGGTGAGATCCTAGTGATAATATCTCTTGAATATTATCACTAGGATCTCACCGG	Hs.592205	13253	0.0933375	0.55402594	0.832884192				-0.53375	1.30928358	0.322122583									
CRSP3	NM_004830_bp4254_R	AGCTAAAAGCCCGTGTCTTTACCAGTAGACTCTCTTGAAGTTACTGGTAAAGACACGGGCCGG	Hs.29679	2499	-0.0001375	0.27007653	0.828723903				-0.19575	0.2094401	0.361980869									
CRSP3	NM_004830_bp4254_R	AGCTAAAAGCCCGTGTCTTTACCAGTAGACTCTCTTGAAGTTACTGGTAAAGACACGGGCCGG	Hs.29679	7875	0.0248875	0.35014667	0.948112337				-0.2337	0.19199587	0.277499985									
CRSP3	NM_004830_bp4254_R	AGCTAAAAGCCCGTGTCTTTACCAGTAGACTCTCTTGAAGTTACTGGTAAAGACACGGGCCGG	Hs.29679	13251	-0.1176375	0.22995857	0.367481283				-0.169025	0.26923939	0.449065463									
CRSP3	NM_004830_bp878_R	AGCTAAAAGTGCCATTTGTAATTCATGGATCTCTTGAATCCATGAATTACAAATGGCACGG	Hs.29679	1215	-0.1174125	0.18746095	0.344781795				-0.368125	0.17425714	0.102208514									
CRSP3	NM_004830_bp878_R	AGCTAAAAGTGCCATTTGTAATTCATGGATCTCTTGAATCCATGAATTACAAATGGCACGG	Hs.29679	6591	-0.1535125	0.12709693	0.226614124				-0.382125	0.17643519	0.092435974									
CRSP3	NM_004830_bp878_R	AGCTAAAAGTGCCATTTGTAATTCATGGATCTCTTGAATCCATGAATTACAAATGGCACGG	Hs.29679	11967	-0.0806875	0.14276455	0.439651769				-0.428	0.21689952	0.072443251									
CRSP3	NM_004830_bp999_R	AGCTAAAAGCAGCCCTTATTCCAGGGATATTCTCTTGAAATATCCCTGGAATAAGGCTGCGG	Hs.29679	1214	-0.2904375	0.18019291	0.076037447				0.4516	0.35104155	0.08225233									
CRSP3	NM_004830_bp999_R	AGCTAAAAGCAGCCCTTATTCCAGGGATATTCTCTTGAAATATCCCTGGAATAAGGCTGCGG	Hs.29679	6590	-0.3100125	0.19607769	0.06835392				0.4247	0.35475454	0.098481042									
CRSP3	NM_004830_bp999_R	AGCTAAAAGCAGCCCTTATTCCAGGGATATTCTCTTGAAATATCCCTGGAATAAGGCTGCGG	Hs.29679	11966	-0.2800625	0.18971595	0.086035213				0.43525	0.32376171	0.084747606									
CS	NM_198324_bp1325_R	AGCTAAAAGGAAGACTGATCCGCGGATATATCTCTTGAATATATCGCGGATCATGCTTCCGG	Hs.430606	2592	-0.48995	0.26412635	0.040357454				0.0124375	0.96319342	0.889790891									
CS	NM_198324_bp1325_R	AGCTAAAAGGAAGACTGATCCGCGGATATATCTCTTGAATATATCGCGGATCATGCTTCCGG	Hs.430606	7968	-0.661475	0.27554666	0.012950747				-0.3443625	0.91794199	0.443285975									
CS	NM_198324_bp1325_R	AGCTAAAAGGAAGACTGATCCGCGGATATATCTCTTGAATATATCGCGGATCATGCTTCCGG	Hs.430606	13344	-0.464625

CSNK1A1L	NM_145203_bp590_R	AGCTAAAAAGAGCAAACTCTACACGATTCTTCTCTTGAAAGAATCGTGTAGAGTTTGCTCGG	Hs.512897	11462	-0.096775	0.116584	0.511280081	-0.250175	0.16846718	0.154327101				
CSNK1D	NM_139062_bp410_R	AGCTAAAAAGGAGAAGAGGTTGCCATCAAGTCTCTTGAACTTGATGGCAACCTCTTCTCCGG	Hs.477070	2129	2.497775	0.6149193	0.000246776	1.0714	1.54486422	0.163495394				
CSNK1D	NM_139062_bp410_R	AGCTAAAAAGGAGAAGAGGTTGCCATCAAGTCTCTTGAACTTGATGGCAACCTCTTCTCCGG	Hs.477070	7505	2.414225	0.61713471	0.000294103	1.19785	1.5639679	0.131867091				
CSNK1D	NM_139062_bp410_R	AGCTAAAAAGGAGAAGAGGTTGCCATCAAGTCTCTTGAACTTGATGGCAACCTCTTCTCCGG	Hs.477070	12881	2.74515	0.8139763	0.000466901	1.25005	1.55037621	0.117219778				
CSNK1D	NM_139062_bp583_R	AGCTAAAAAGGAGGACCTCTTCAACTTCTGTCTCTTGAACAGAAGTTGAAGAGGTCCTCCGG	Hs.477070	661	-0.4962	0.22411888	0.024229878	-0.3584	0.37801222	0.141461943				
CSNK1D	NM_139062_bp583_R	AGCTAAAAAGGAGGACCTCTTCAACTTCTGTCTCTTGAACAGAAGTTGAAGAGGTCCTCCGG	Hs.477070	6037	-0.56715	0.46012536	0.049377722	-0.15665	0.36676007	0.467838811				
CSNK1D	NM_139062_bp583_R	AGCTAAAAAGGAGGACCTCTTCAACTTCTGTCTCTTGAACAGAAGTTGAAGAGGTCCTCCGG	Hs.477070	11413	0.5646	2.35231766	0.592679951	-0.909825	0.95739256	0.084132015				
CSNK1D	NM_139062_bp740_R	AGCTAAAAAGGCAACCTGGTGTACATCATCTCTCTTGAAGATGATGTACACCAGGTTGCCGG	Hs.477070	662	1.0053	0.49647679	0.007354356	0.326825	0.20531591	0.093266633				
CSNK1D	NM_139062_bp740_R	AGCTAAAAAGGCAACCTGGTGTACATCATCTCTCTTGAAGATGATGTACACCAGGTTGCCGG	Hs.477070	6038	1.230425	0.57054742	0.004794632	0.58635	0.21509376	0.01603372				
CSNK1D	NM_139062_bp740_R	AGCTAAAAAGGCAACCTGGTGTACATCATCTCTCTTGAAGATGATGTACACCAGGTTGCCGG	Hs.477070	11414	1.306175	0.62225508	0.004922695	0.708175	0.24387243	0.009403633				
CSNK1E	152221_bp529_R	AGCTAAAAAGAGGACCTGTTCAACTTCTGTTCTCTTGAAACAGAAGTTGAACAGGTCCTCGG	Hs.474833	715	0.649025	0.46287063	0.032163541	-0.02435	0.35367136	0.905371521				
CSNK1E	152221_bp529_R	AGCTAAAAAGAGGACCTGTTCAACTTCTGTTCTCTTGAAACAGAAGTTGAACAGGTCCTCGG	Hs.474833	6091	-0.06445	1.82783719	0.931999344	0.012525	0.37216978	0.95260214				
CSNK1E	152221_bp529_R	AGCTAAAAAGGACCTGTTCAACTTCTGTTCTCTTGAAACAGAAGTTGAACAGGTCCTCGG	Hs.474833	11467	0.6231075	0.20622425	0.009404986	0.1644	0.33106472	0.423544996				
CSNK1E	152221_bp926_R	AGCTAAAAAGCCAGAAGTATGAACGGATCATCTCTTGAATGATCCGTTCATACTTCTGGCGG	Hs.474833	716	-0.966075	0.46375639	0.007172823	-0.12145	0.20940341	0.472002977				
CSNK1E	152221_bp926_R	AGCTAAAAAGCCAGAAGTATGAACGGATCATCTCTTGAATGATCCGTTCATACTTCTGGCGG	Hs.474833	6092	-0.8009	0.415794	0.011553337	0.00425	0.29719902	0.98188688				
CSNK1E	152221_bp926_R	AGCTAAAAAGCCAGAAGTATGAACGGATCATCTCTTGAATGATCCGTTCATACTTCTGGCGG	Hs.474833	11468	-0.6296	0.28445698	0.011798918	0.216025	0.26639967	0.262605031				
CSNK1G1	NM_022048_bp369_R	AGCTAAAAGCTCCACAGCTTCATTTAGAGTCTCTTGAACTCTAAATGAAGCTGTGGAGCGG	Hs.254335	679	-0.549025	0.16993176	0.012751908	-0.3373	0.89985839	0.43019617				
CSNK1G1	NM_022048_bp369_R	AGCTAAAAAGCTCCACAGCTTCATTTAGAGTCTCTTGAACTCTAAATGAAGCTGTGGAGCGG	Hs.254335	6055	-0.408175	0.11253181	0.030279572	-0.19435	0.81925089	0.613542099				
CSNK1G1	NM_022048_bp369_R	AGCTAAAAAGCTCCACAGCTTCATTTAGAGTCTCTTGAACTCTAAATGAAGCTGTGGAGCGG	Hs.254335	11431	-0.254625	0.32154499	0.214856592	-0.218925	0.73101594	0.533837934				
CSNK1G1	NM_022048_bp525_R	AGCTAAAAGACCGAACATTTACTTTGAAGTCTCTTGAACTTCAAAGTAATGTTCGGTCGG	Hs.254335	12656	0.0021	0.37108222	0.991745381	-0.189325	0.58934393	0.522254186				
CSNK1G1	NM_022048_bp525_R	AGCTAAAAGACCGAACATTTACTTTGAAGTCTCTTGAACTTCAAAGTAATGTTCGGTCGG	Hs.254335	1904	-0.53935	0.78450715	0.162682042	-0.413566667	0.21379641	0.10865904				
CSNK1G1	NM_022048_bp525_R	AGCTAAAAGACCGAACATTTACTTTGAAGTCTCTTGAACTTCAAAGTAATGTTCGGTCGG	Hs.254335	7280	-0.4872	0.65573863	0.147458915	-0.373566667	0.11518665	0.110167817				
CSNK1G1	NM_022048_bp666_R	AGCTAAAAGGCATGTATACACATTATATCTCTTGAATATAATGTGTATAACATGCTCGG	Hs.254335	1906	0.865725	0.7232998	0.037437203	-0.329375	0.44891296	0.20799844				
CSNK1G1	NM_022048_bp666_R	AGCTAAAAGGCATGTATACACATTATATCTCTTGAATATAATGTGTATAACATGCTCGG	Hs.254335	7282	1.065675	0.6125988	0.010797391	-0.189775	0.45150901	0.441592072				
CSNK1G1	NM_022048_bp666_R	AGCTAAAAGGCATGTATACACATTATATCTCTTGAATATAATGTGTATAACATGCTCGG	Hs.254335	12658	1.0724	0.90471326	0.056731669	-0.077625	0.4739534	0.753584342				
CSNK1G2	NM_001319_bp317_R	AGCTAAAAAGGAGTACCGGTTCTACAACGCATCTCTTGAATGCTTGTAGAACCGGTACTCCGG	Hs.181390	38	1.6005	0.49313627	0.013881112	0.094283333	1.09125625	0.862338682				
CSNK1G2	NM_001319_bp317_R	AGCTAAAAAGGAGTACCGGTTCTACAACGCATCTCTTGAATGCTTGTAGAACCGGTACTCCGG	Hs.181390	5414	1.5892	0.46004367	0.013009721	0.333833333	1.1149572	0.553243411				
CSNK1G2	NM_001319_bp317_R	AGCTAAAAAGGAGTACCGGTTCTACAACGCATCTCTTGAATGCTTGTAGAACCGGTACTCCGG	Hs.181390	10790	1.397533333	0.18085067	0.001535957	0.087983333	1.1293085	0.875237359				
CSNK1G2	NM_001319_bp357_R	AGCTAAAAAGTCCCTCAGGTCTACTACTTCTCTCTTGAAGAAGTAGTAGACCTCAGGGACGG	Hs.181390	1595	1.1878			1.8508125	0.53123788	0.001152448				
CSNK1G2	NM_001319_bp357_R	AGCTAAAAAGTCCCTCAGGTCTACTACTTCTCTCTTGAAGAAGTAGTAGACCTCAGGGACGG	Hs.181390	6971	1.1667			1.9488125	0.48223845	0.000689806				
CSNK1G2	NM_001319_bp357_R	AGCTAAAAAGTCCCTCAGGTCTACTACTTCTCTCTTGAAGAAGTAGTAGACCTCAGGGACGG	Hs.181390	12347	1.2171			1.9710625	0.48612795	0.000673185				
CSNK1G2	NM_001319_bp768_R	AGCTAAAAAGGCCACATGTTCATGTACTTCTCTCTTGAAGAAGTACATGAACATGTGGCCGG	Hs.181390	39	0.9207	0.2316587	0.002041323	0.1594125	0.24339417	0.377394439				
CSNK1G2	NM_001319_bp768_R	AGCTAAAAAGGCCACATGTTCATGTACTTCTCTCTTGAAGAAGTACATGAACATGTGGCCGG	Hs.181390	5415	0.94215	0.27185345	0.002381357	0.2097125	0.23240813	0.253354897				
CSNK1G2	NM_001319_bp768_R	AGCTAAAAAGGCCACATGTTCATGTACTTCTCTCTTGAAGAAGTACATGAACATGTGGCCGG	Hs.181390	10791	0.925225	0.24657056	0.002194015	0.1817125	0.23062341	0.312293053				
CSNK1G3	NM_004384_bp148_R	AGCTAAAAAGGACCTAACTTTAGAGTTGGATCTCTTGAATCCAACTCTAAAGTTAGGTCCGG	Hs.129206	1784	-3.6684	4.5021058	0.089426506	-5.696166667	1.7576213	0.002168756				
CSNK1G3	NM_004384_bp148_R	AGCTAAAAAGGACCTAACTTTAGAGTTGGATCTCTTGAATCCAACTCTAAAGTTAGGTCCGG	Hs.129206	7160	-3.804275	4.91928438	0.102368904	-6.482733333	1.0161373	0.000369328				
CSNK1G3	NM_004384_bp148_R	AGCTAAAAAGGACCTAACTTTAGAGTTGGATCTCTTGAATCCAACTCTAAAGTTAGGTCCGG	Hs.129206	12536	-3.21035	4.18940328	0.105006694	-6.291333333	1.11504012	0.000542859				
CSNK1G3	NM_004384_bp838_R	AGCTAAAAAGCTACACCAATAGAAGTGTTATCTCTTGAATAACACTTCTATTGGTGTAGCGG	Hs.129206	260	-0.070725	1.05962888	0.875683052	-0.4992	1.55340007	0.507688956				
CSNK1G3	NM_004384_bp838_R	AGCTAAAAAGCTACACCAATAGAAGTGTTATCTCTTGAATAACACTTCTATTGGTGTAGCGG	Hs.129206	5636	0.203425	0.52995461	0.439363509	-0.921933333	1.58738581	0.274932873				
CSNK1G3	NM_004384_bp838_R	AGCTAAAAAGCTACACCAATAGAAGTGTTATCTCTTGAATAACACTTCTATTGGTGTAGCGG	Hs.129206	11012	-0.6137	1.40995685	0.323193322	-0.477066667	2.65825359	0.707785237				
CSNK1G3	NM_004384_bp880_R	AGCTAAAAAGCAACATATCTTCGTTATGTATCTCTTGAATACATAACGAAGATATGTTGCGG	Hs.129206	1786	-5.15235									
CSNK1G3	NM_004384_bp880_R	AGCTAAAAAGCAACATATCTTCGTTATGTATCTCTTGAATACATAACGAAGATATGTTGCGG	Hs.129206	7162	-8.12915									
CSNK1G3	NM_004384_bp880_R	AGCTAAAAAGCAACATATCTTCGTTATGTATCTCTTGAATACATAACGAAGATATGTTGCGG	Hs.129206	12538	-5.03865	2.86162149	0.012758717	-6.3412						
CSNK2A1	NM_177559_bp1282_R	AGCTAAAGCCTTGGATTTCCTGGACAAATCTCTTGAATTTGTCCAGGAAATCCAAGGCGG	Hs.446484	766	-0.86925	0.19427035	0.00210537	-0.828075	0.24033787	0.00504301				
CSNK2A1	NM_177559_bp1282_R	AGCTAAAGCCTTGGATTTCCTGGACAAATCTCTTGAATTTGTCCAGGAAATCCAAGGCGG	Hs.446484	6142	-1.2476	0.81402683	0.014420193	-0.646325	0.17708428	0.009205357				
CSNK2A1	NM_177559_bp1282_R	AGCTAAAGCCTTGGATTTCCTGGACAAATCTCTTGAATTTGTCCAGGAAATCCAAGGCGG	Hs.446484	11518	-0.484175	0.15601251	0.019306037	-0.54275	0.08229162	0.011987611				
CSNK2A1	NM_177559_bp416_R	AGCTAAAGGGCCAGAGTTTACACAGATGTCTCTTGAACATCTGTGTAAACTCTGGCCCGG	Hs.446484	1924	3.586125	1.03455736	0.000358837	0.179375	0.58928981	0.543327953				
CSNK2A1	NM_177559_bp416_R	AGCTAAAGGGCCAGAGTTTACACAGATGTCTCTTGAACATCTGTGTAAACTCTGGCCCGG	Hs.446484	7300	3.715125	1.0765408	0.000360213	0.4	0.38766003	0.113877413				
CSNK2A1	NM_177559_bp416_R	AGCTAAAGGGCCAGAGTTTACACAGATGTCTCTTGAACATCTGTGTAAACTCTGGCCCGG	Hs.446484	12676	3.915875	0.92757426	0.000147658	0.31225	0.390214	0.19466558				
CSNK2A1	NM_177559_bp559_R	AGCTAAAAGCCATCAACATCACAAATAATTCTCTTGAAATATTTGTGATGTTGATGGCGG	Hs.446484	6143	-0.9266			-0.596	0.24593174	0.130824583				
CSNK2A1	NM_177559_bp559_R	AGCTAAAAGCCATCAACATCACAAATAATTCTCTTGAAATATTTGTGATGTTGATGGCGG	Hs.446484	11519	-0.400833333	0.16145081	0.088906058	-0.39395	0.22775909	0.251420661				
CSNK2A2	NM_001896_bp1034_R	AGCTAAAAGCCCTAGATCTTCTGGACAAATCTCTTGAATTTGTCCAGAAGATCTAGGGCGG	Hs.82201	111	-0.16565	0.1860409	0.313713657	-0.3794125	0.17668086	0.055553908				
CSNK2A2	NM_001896_bp1034_R	AGCTAAAAGCCCTAGATCTTCTGGACAAATCTCTTGAATTTGTCCAGAAGATCTAGGGCGG	Hs.82201	5487	-0.185175	0.1688206	0.257123525	-0.2981375	0.18675393	0.109747128				
CSNK2A2	NM_001896_bp1034_R	AGCTAAAAGCCCTAGATCTTCTGGACAAATCTCTTGAATTTGTCCAGAAGATCTAGGGCGG	Hs.82201	10863	-0.144125	0.13935507	0.350648971	-0.2132125	0.12291994	0.190627742				
CSNK2A2	NM_001896_bp311_R	AGCTAAAAGCCATTAATATCACCAACAATCTCTCTTGAAATGTTTGGTGATATTAATGGCGG	Hs.82201	1645	-0.533875	0.77400532	0.162278025	-0.0965625	0.26154026	0.591935045				
CSNK2A2	NM_001896_bp311_R	AGCTAAAAGCCATTAATATCACCAACAATCTCTCTTGAAATGTTTGGTGATATTAATGGCGG	Hs.82201	7021	-0.5124	0.74263765	0.164489327	-0.0780375	0.25684155	0.660726351				
CSNK2A2	NM_001896_bp311_R	AGCTAAAAGCCATTAATATCACCAACAATCTCTCTTGAAATGTTTGGTGATATTAATGGCGG	Hs.82201	12397	-0.464925	0.70197629	0.182525237	-0.0525875	0.22107698	0.753444623				
CSNK2A2	NM_001896_bp466_R	AGCTAAAAGACACCAGCTTTGGTATTTGATCTCTTGAATCAAATACCAAGCTGGTGTCGG	Hs.82201	112	1.840625	0.43520776	0.000331687	0.6007375	0.15393286	0.010813962				
CSNK2A2	NM_001896_bp466_R	AGCTAAAAGACACCAGCTTTGGTATTTGATCTCTTGAATCAAATACCAAGCTGGTGTCGG	Hs.82201	5488	1.848025	0.47354003	0.000421638	0.4663125	0.12964004	0.024056257				
CSNK2A2	NM_001896_bp466_R	AGCTAAAAGACACCAGCTTTGGTATTTGATCTCTTGAATCAAATACCAAGCTGGTGTCGG	Hs.82201	10864	1.806025	0.47459981	0.000374298	0.8418625	0.13886419	0.158470658				
CST3	BX647523_bp1373_R	AGCTAAAAGGACCACAGATGTCACCATGATCTCTTGAATCATGGTGACATCTGTGGTCCGG	Hs.304682	4450	2.53025	0.82638821	0.000726494	0.759625	0.91251136	0.118426016	4.2193	3.43413479	0.026301926	
CST3	BX647523_bp1373_R	AGCTAAAAGGACCACAGATGTCACCATGATCTCTTGAATCATGGTGACATCTGTGGTCCGG	Hs.304682	9826	2.1546	0.82807154	0.001531032	1.2763	0.82114166	0.019520384	4.7052	5.58571931	0.074626329	
CST3	BX647523_bp1373_R	AGCTAAAAGGACCACAGATGTCACCATGATCTCTTGAATCATGGTGACATCTGTGGTCCGG	Hs.304682	15202	2.0963	1.35335836	0.021839921	0.75295	0.88789892	0.114155409	5.55525	5.73682803	0.050820667	
CST3	BX647523_bp1459_R	AGCTAAAAGGCTGTAACTTCCCTTATTGATCTCTTGAATCAATAAGGGAAGTTACAGCCGG	Hs.304682	4446	-1.1151	0.53756859	0.01535897	0.326033333	1.0569549	0.548153152	-1.2712	1.44716474	0.097514424	
CST3	BX647523_bp1459_R	AGCTAAAAGGCTGTAACTTCCCTTATTGATCTCTTGAATCAATAAGGGAAGTTACAGCCGG	Hs.304682	15198	-1.1585	0.45720879	0.009700541	0.664	0.60227339	0.067999941	-0.7173	1.02516341	0.203602301	
CST3	BX647523_bp1459_R	AGCTAAAAGGCTGTAACTTCCCTTATTGATCTCTTGAATCAATAAGGGAAGTTACAGCCGG	Hs.304682	9822	-1.015625	0.48409445	0.006566092	0.622533333	0.66876257	0.148901445	-1.1121			
CST3	BX647523_bp991_R	AGCTAAAAGAGCCATGATTTCACTACTGATCTCTTGAATCAGTAGTGAAATCATGGCTCGG	Hs.304682	4448	-1.048675	0.42128787	0.003925906	-0.894625	0.20360238	0.00297743	0.139633333	0.95116123	0.748584594	
CST3	BX647523_bp991_R	AGCTAAAAGAGCCATGATTTCACTACTGATCTCTTGAATCAGTAGTGAAATCATGGCTCGG	Hs.304682	9824	-0.6508	0.09680558	0.019048216	-0.938675	0.52496347	0.016103899	-0.21763333	1.10082216	0.654901288	
CST3	BX647523_bp991_R	AGCTAAAAGAGCCATGATTTCACTACTGATCTCTTGAATCAGTAGTGAAATCATGGCTCGG	Hs.304682	15200	0.001	0.97580736	0.998408391	-1.0023	0.37200101	0.01712573	0.159733333	0.56626408	0.623841766	
CSTF2	AK095684_bp1381_R	AGCTAAAAGGTCCTGAAGTTCCTAATGGATCTCTTGAATCCATTAGGAACTTCAGGACCGG	Hs.132370	3986	-0.4400625	0.32472477	0.05840124				0.3278	0.58179311	0.273347217	
CSTF2	AK095684_bp1381_R	AGCTAAAAGGTCCTGAAGTTCCTAATGGATCTCTTGAATCCATTAGGAACTTCAGGACCGG	Hs.132370	9362	-0.5160875	0.45623831	0.064643933				0.353025	0.57884765	0.240576711	
CSTF2	AK095684_bp1381_R	AGCTAAAGGTCCTGAAGTTCCTAATGGATCTCTTGAATCCATTAGGAACTTCAGGACCGG	Hs.132370	14738	-0.5365375	0.21693672	0.017556341				0.423525	0.50339691	0.143523348	
CSTF2	AK095684_bp1599_R	AGCTAAAAGGAGCTTATGTCGATGGAAATCTCTTGAATTTCCATCAGACATAAGCTCCGG	Hs.132370	3960	0.2857375	0.19025851	0.112683952				0.299575	0.4452353	0.255088814	
CSTF2	AK095684_bp1599_R	AGCTAAAAGGAGCTTATGTCGATGGAAATCTCTTGAATTTCCATCAGACATAAGCTCCGG	Hs.132370	9336	0.2819375	0.15910019	0.105927292				0.717875	0.4509803	0.023742039	
CSTF2	AK095684_bp1599_R	AGCTAAAAGGAGCTTATGTCGATGGAAATCTCTTGAATTTCCATCAGACATAAGCTCCGG	Hs.132370	14712	0.4865625	0.21889623	0.025326772				0.03565	0.39086943	0.879991176	
CSTF2	AK095684_bp707_R	AGCTAAAAGGCACTTTACTTTCTGTAACTTCTCTTGAAAGTTACAGAAAGTAAAGTGCCGG	Hs.132370	3958	-0.6599125	0.27427783	0.010830471				-0.2314	0.29843019	0.30873741	
CSTF2	AK095684_bp707_R	AGCTAAAAGGCACTTTACTTTCTGTAACTTCTCTTGAAAGTTACAGAAAGTAAAGTGCCGG	Hs.132370	9334	-0.7086875	0.22238905	0.005992827				-0.19535	0.33164648	0.397033156	
CSTF2	AK095684_bp707_R	AGCTAAAAGGCACTTTACTTTCTGTAACTTCTCTTGAAAGTTACAGAAAGTAAAGTGCCGG	Hs.132370	14710	-0.6314375	0.24089866	0.010655959				-0.168525	0.3067377	0.452178294	
CTNNA1	NM_001903_bp188_R	AGCTAAAAGCTGCATCTGTTGAACAAGCATCTCTTGAATGCTTGTTCAACAGATGCAGCGG	Hs.534797	2497	1.1282125	0.66294387	0.012502565				-0.249475	0.49921139	0.36805971	
CTNNA1	NM_001903_bp188_R	AGCTAAAAGCTGCATCTGTTGAACAAGCATCTCTTGAATGCTTGTTCAACAGATGCAGCGG	Hs.534797	7873	1.1030625	0.56924598	0.008595634				-0.2825	0.51365883	0.318194765	
CTNNA1	NM_001903_bp188_R	AGCTAAAAGCTGCATCTGTTGAACAAGCATCTCTTGAATGCTTGTTCAACAGATGCAGCGG	Hs.534797	13249	1.1285125	0.57897929	0.008223373				-0.281475	0.48933348	0.309433005	
CTNNA1	NM_001903_bp436_R	AGCTAAAAGGCAGATGTCTACAAATTACTTCTCTTGAAAGTAATTTGTAGACATCTGCCGG	Hs.534797	2471	0.7960625	0.52208944	0.024576823				1.039	1.17434036	0.058726184	
CTNNA1	NM_001903_bp436_R	AGCTAAAAGGCAGATGTCTACAAATTACTTCTCTTGAAAGTAATTTGTAGACATCTGCCGG	Hs.534797	7847	0.8246375	0.52240802	0.021561213				1.07935	1.11328675	0.044698158	
CTNNA1	NM_001903_bp436_R	AGCTAAAAGGCAGATGTCTACAAATTACTTCTCTTGAAAGTAATTTGTAGACATCTGCCGG	Hs.534797	13223	0.7821125	0.54276179	0.02893842				1.1198	1.15687287	0.044026918	
CTNNA2	NM_004389_bp1065_R	AGCTAAAAGCTCAGCGAGTACGATGAATATCTCTTGAATTATTCATGTACTCGCTGAGCGG	Hs.167368	2469	0.1912625	0.29192931	0.411595861				-0.59825	0.42234296	0.041702754	
CTNNA2	NM_004389_bp1065_R	AGCTAAAAGCTCAGCGAGTACGATGAATATCTCTTGAATTATTCATGTACTCGCTGAGCGG	Hs.167368	7845	0.0874625	0.27348617	0.777581171				-0.50245	0.3528899	0.06043637	
CTNNA2	NM_004389_bp1065_R	AGCTAAAAGCTCAGCGAGTACGATGAATATCTCTTGAATTATTCATGTACTCGCTGAGCGG	Hs.167368	13221	0.1261875	0.28983009	0.626881532				-0.550175	0.42866317	0.056584099	
CTNNA2	NM_004389_bp2284_R	AGCTAAAAGGTTCTGAATGGACAAATATTATCTTCTGAATGAAAGTTGACTAGCCCTGCGG	Hs.167368	1197	1.4262125	0.53260952	0.022444466				-0.13605	0.32112802	0.557384934	
CTNNA2	NM_004389_bp2284_R	AGCTAAAAGGTTCTGAATGGACAAATATTATCTTCTGAATGAAAGTTGACTAGCCCTGCGG	Hs.167368	6573	1.5179625	0.66282259	0.003514048				-0.1934	0.37547248	0.428623574	
CTNNA2	NM_004389_bp2284_R	AGCTAAAAGGTTCTGAATGGACAAATATTATCTTCTGAATGAATTTGTCCATTCGAGAACCGG	Hs.167368	11949	1.4934125	0.65614526	0.003647756				-0.1865	0.29042235	0.41227367	
CTNNA2	NM_004389_bp2522_R	AGCTAAAGCAGGGCTAGTCAACTTTCTATCTCTTGAATGAAAGTTGACTAGCCCTGCGG	Hs.167368	1198	-0.1266875	0.50971047	0.5151713				0.532075	0.59469339	0.098561689	
CTNNA2	NM_004389_bp2522_R	AGCTAAAGCAGGGCTAGTCAACTTTCTATCTCTTGAATGAAAGTTGACTAGCCCTGCGG	Hs.167368	6574	-0.2422875	0.60344808	0.340293386				0.64285	0.68365977	0.073325512	
CTNNA2	NM_004389_bp2522_R	AGCTAAAGCAGGGCTAGTCAACTTTCTATCTCTTGAATGAAAGTTGACTAGCCCTGCGG	Hs.167368	11950	-0.1486125	0.45713796	0.431979417				0.625225	0.62313906	0.066954913	
CTNNB1	NM_001904_bp1169_R	AGCTAAAAGACCCCCAAGCTTTAGTAAATATCTCTTGAATATTTACTAAAGCTTGGGGTCGG	Hs.476018	1195	-0.6720625	0.10941336	0.003423481				-0.36845	0.23956568	0.116590023	
CTNNB1	NM_001904_bp1169_R	AGCTAAAAGACCCCCAAGCTTTAGTAAATATCTCTTGAATATTTACTAAAGCTTGGGGTCGG	Hs.476018	6571	-0.7038375	0.07275733	0.002495008				-0.38415	0.31183703	0.121337594	
CTNNB1	NM_001904_bp1169_R	AGCTAAAAGACCCCCAAGCTTTAGTAAATATCTCTTGAATATTTACTAAAGCTTGGGGTCGG	Hs.476018	11947	-0.6622375	0.08435642	0.003327032				-0.33495	0.28121767	0.158197974	
CTNNB1	NM_001904_bp1288_R	AGCTAAAGCTGGTGGAATGCAAGCTTTATCTCTTGAATAAAGCTGTCATTCCACCAGCGG	Hs.476018	1196	-0.1440625	0.19233535	0.278552883				-0.4369	0.15051226	0.059507228	
CTNNB1	NM_001904_bp1288_R	AGCTAAAGCTGGTGGAATGCAAGCTTTATCTCTTGAATAAAGCTGTCATTCCACCAGCGG	Hs.476018	6572	-0.1503375	0.19234549	0.264209753				-0.4459	0.18659846	0.059490088	
CTNNB1	NM_001904_bp1288_R	AGCTAAAGCTGGTGGAATGCAAGCTTTATCTCTTGAATAAAGCTTGCATTCCACCAGCGG	Hs.476018	11948	-0.0985375	0.24472701	0.435175602				-0.43	0.15895897	0.063290027	
CTNNB1	NM_001904_bp2013_R	AGCTAAAAAGCTGCTTTATCTTCCCATTGATCTCTTGAATCAATGGGAGAATAAAGCAGCGG	Hs.476018	2467	-1.3924625	0.40991218	0.00089753				0.085325	0.97750131	0.824829042	
CTNNB1	NM_001904_bp2013_R	AGCTAAAAAGCTGCTTTATCTTCCCATTGATCTCTTGAATCAATGGGAGAATAAAGCAGCGG	Hs.476018	7843	-1.3532625	0.37141245	0.000783572				0.11665	1.04101856	0.776296562	
CTNNB1	NM_001904_bp2013_R	AGCTAAAAAGCTGCTTTATCTTCCCATTGATCTCTTGAATCAATGGGAGAATAAAGCAGCGG	Hs.476018	13219	-1.1152375	0.57412697	0.006340378				0.263675	0.70297071	0.413112199	
CTNND1	NM_001331_bp1517_R	AGCTAAAAAGGAGGTGCCCATCGGATCAATATCTCTTGAATATTGATCCGATGGCACCTCCGG	Hs.166011	1194	2.1136125	1.21649221	0.007922093				-0.3006	0.38851731	0.237072299	
CTNND1	NM_001331_bp1517_R	AGCTAAAAAGGAGGTGCCCATCGGATCAATATCTCTTGAATATTGATCCGATGGCACCTCCGG	Hs.166011	6570	2.2219625	1.48889709	0.013794991				-0.31665	0.40691389	0.222259938	
CTNND1	NM_001331_bp1517_R	AGCTAAAAAGGAGGTGCCCATCGGATCAATATCTCTTGAATATTGATCCGATGGCACCTCCGG	Hs.166011	11946	2.2683875	1.56320991	0.015212693				-0.3067 5	0.41684646	0.239481655	
CTNND1	NM_001331_bp2127_R	AGCTAAAAAGCTGGCTGCCTTAGGAATGTATCTCTTGAATACATTCCTAAGGCAGCCAGCGG	Hs.166011	1192	-0.1494875	0.54821919	0.484067219				-0.342525	0.48584637	0.222156648	
CTNND1	NM_001331_bp2127_R	AGCTAAAAAGCTGGCTGCCTTAGGAATGTATCTCTTGAATACATTCCTAAGGCAGCCAGCGG	Hs.166011	6568	-0.2157625	0.5726511	0.36793343				-0.42345	0.53854799	0.1598711	
CTNND1	NM_001331_bp2127_R	AGCTAAAAAGCTGGCTGCCTTAGGAATGTATCTCTTGAATACATTCCTAAGGCAGCCAGCGG	Hs.166011	11944	-0.1129625	0.55434	0.572782815				-0.394625	0.54159019	0.186835112	
CTNND1	NM_001331_bp2602_R	AGCTAAAAAGCTGGACGTATGGTCGATACATACTCTTGAATGTATCGACCATACGTCCAGCGG	Hs.166011	1193	-1.0168125	0.84558411	0.029709277				-0.751575	0.43673388	0.01851878	
CTNND1	NM_001331_bp2602_R	AGCTAAAAAGCTGGACGTATGGTCGATACATACTCTTGAATGTATCGACCATACGTCCAGCGG	Hs.166011	6569	-1.1529375	0.78559921	0.015172159				-0.79285	0.44062394	0.015077225	
CTNND1	NM_001331_bp2602_R	AGCTAAAAAGCTGGACGTATGGTCGATACATACTCTTGAATGTATCGACCATACGTCCAGCGG	Hs.166011	11945	-1.0783625	0.8496609	0.02470346				-0.786025	0.44188511	0.015703929	
CUL1	NM_003592_bp1014_R	AGCTAAAAGGCCCTACGTTAACAGTGTATTCTCTTGAAATACACTGTTAACGTAGGGCCGG	Hs.146806	2628	0.782925	0.70619601	0.034231544				1.7302625	1.16604805	0.007161334	
CUL1	NM_003592_bp1014_R	AGCTAAAAGGCCCTACGTTAACAGTGTATTCTCTTGAAATACACTGTTAACGTAGGGCCGG	Hs.146806	8004	0.68785	0.58521143	0.030653951				1.0

CXCR4	NM_003467_bp673_R	AGCTAAAAGGTGGTTGTGTTCCAGTTTCATCTCTTGAATGAAACTGGAACACAACCACCGG	Hs.421986	7839	1.0388125	0.31776062	0.002479843							0.17055	0.76004451	0.606597175			
CXCR4	NM_003467_bp673_R	AGCTAAAAGGTGGTTGTGTTCCAGTTTCATCTCTTGAATGAAACTGGAACACAACCACCGG	Hs.421986	13215	0.9754375	0.35676215	0.004239533							0.15765	0.72128791	0.620830677			
CXCR4	NM_003467_bp905_R	CGCTAAAAAGGGTGTGAGTTTGAGAACACTTCTCTTGAAAGTGTTCTCAAACTCACACCCGG	Hs.421986	2465	0.0046875	0.37394486	0.871474224							-0.3311	0.31934371	0.173250767			
CXCR4	NM_003467_bp905_R	CGCTAAAAAGGGTGTGAGTTTGAGAACACTTCTCTTGAAAGTGTTCTCAAACTCACACCCGG	Hs.421986	7841	0.1017125	0.30169511	0.727808871							-0.26345	0.3194679	0.266034191			
CXCR4	NM_003467_bp905_R	CGCTAAAAAGGGTGTGAGTTTGAGAACACTTCTCTTGAAAGTGTTCTCAAACTCACACCCGG	Hs.421986	13217	0.1052625	0.5390693	0.79351892							-0.197875	0.42915236	0.43854672			
CXXC5	NM_016463_bp1702_R	AGCTAAAAAGCACCCGTCTTTAGAACCAAATCTCTTGAATTTGGTTCTAAAGACGGGTGCGG	Hs.189119	2967	-1.55765	0.5227442	0.001279246							-0.0202	0.27877594	0.924675199			
CXXC5	NM_016463_bp1702_R	AGCTAAAAAGCACCCGTCTTTAGAACCAAATCTCTTGAATTTGGTTCTAAAGACGGGTGCGG	Hs.189119	8343	-1.49895	0.62343614	0.002733441							0.11085	0.73688126	0.736900112			
CXXC5	NM_016463_bp1702_R	AGCTAAAAAGCACCCGTCTTTAGAACCAAATCTCTTGAATTTGGTTCTAAAGACGGGTGCGG	Hs.189119	13719	-1.24135	0.22694552	0.000502273							0.05305	0.19911602	0.792757065			
CXXC5	NM_016463_bp1895_R	CGCTAAAAAGGGCAAAGAATGGACAATCAGTCTCTTGAACTGATTGTCCATTCTTTGCCCGG	Hs.189119	2971	0.500125	0.4592895	0.071691368							0.041866667	1.5159014	0.946488952			
CXXC5	NM_016463_bp1895_R	CGCTAAAAAGGGCAAAGAATGGACAATCAGTCTCTTGAACTGATTGTCCATTCTTTGCCCGG	Hs.189119	8347	0.851125	0.59831723	0.023581532							0.141266667	1.77024468	0.841277477			
CXXC5	NM_016463_bp1895_R	CGCTAAAAAGGGCAAAGAATGGACAATCAGTCTCTTGAACTGATTGTCCATTCTTTGCCCGG	Hs.189119	13723	0.780775	0.50226307	0.02031632							0.221566667	1.79245664	0.7600416			
CXXC5	NM_016463_bp2331_R	CGCTAAAAAGAGCCCCATCTCGATATTTCCTCTCTTGAAGGAAATATCGAGATGGGGCTCGG	Hs.189119	2969	1.801075	0.29249069	0.000133747							-0.447175	0.56551904	0.145564062			
CXXC5	NM_016463_bp2331_R	CGCTAAAAAGAGCCCCATCTCGATATTTCCTCTCTTGAAGGAAATATCGAGATGGGGCTCGG	Hs.189119	8345	1.7426	0.2401073	0.000108545							-0.498075	0.21669617	0.043105			
CXXC5	NM_016463_bp2331_R	CGCTAAAAAGAGCCCCATCTCGATATTTCCTCTCTTGAAGGAAATATCGAGATGGGGCTCGG	Hs.189119	13721	1.815275	0.35900677	0.000207578							-0.46275	0.53291673	0.124302714			
CXXC6	NM_030625_bp617_R	CGCTAAAAAGCAACATGATTGTGATTATAATCTCTTGAATTATATACAATCATGTTGCGG	Hs.567594	3659	0.8604	0.7486184	0.041948957							0.3047	0.41378043	0.313331394			
CXXC6	NM_030625_bp617_R	CGCTAAAAAGCAACATGATTGTGATTATAATCTCTTGAATTATATACAATCATGTTGCGG	Hs.567594	14411	0.5866	0.30859817	0.020599308							-0.26966667	0.34946766	0.346970804			
CXXC6	NM_030625_bp617_R	CGCTAAAAAGCAACATGATTGTGATTATAATCTCTTGAATTATATACAATCATGTTGCGG	Hs.567594	9035	0.65275	0.34216013	0.016685708							0.4535					
CYBSR2	AK022556_bp1238_R	CGCTAAAAAGCAGGCACCATTTATGTATCATCTCTTGAATGATACATAAATGGTGCCTGCGG	Hs.414362	3849	0.0599									-0.605	0.35665862	0.032445952			
CYBSR2	AK022556_bp1238_R	CGCTAAAAAGCAGGCACCATTTATGTATCATCTCTTGAATGATACATAAATGGTGCCTGCGG	Hs.414362	9225	0.0447									-0.662925	0.36457472	0.023574441			
CYBSR2	AK022556_bp1238_R	CGCTAAAAAGCAGGCACCATTTATGTATCATCTCTTGAATGATACATAAATGGTGCCTGCGG	Hs.414362	14601	-0.0688	0.2039296	0.800984935							-0.55815	0.41380907	0.051825646			
CYBSR2	AK022556_bp1718_R	CGCTAAAAAGCTGGAAGCTTTGCAGAGAAATCTCTTGAATTTCTCTGCAAAGCTTCCAGCGG	Hs.414362	3851	0.3353375	0.74488408	0.336635801							-0.466275	0.12903375	0.04532987			
CYBSR2	AK022556_bp1718_R	CGCTAAAAAGCTGGAAGCTTTGCAGAGAAATCTCTTGAATTTCTCTGCAAAGCTTCCAGCGG	Hs.414362	9227	0.1356375	0.58671557	0.6255827							-0.48015	0.1073296	0.039647226			
CYBSR2	AK022556_bp1718_R	CGCTAAAAAGCTGGAAGCTTTGCAGAGAAATCTCTTGAATTTCTCTGCAAAGCTTCCAGCGG	Hs.414362	14603	0.4303625	0.80399339	0.257159075							-0.36475	0.11416171	0.094812675			
CYBSR2	AK022556_bp1917_R	CGCTAAAAAGGGCACTATTTACCCTTTATAATCTCTTGAATTATAAAGGTAAATAGTGCCCGG	Hs.414362	3847	-0.5859375	0.27776589	0.017468362							-0.3599	0.14532293	0.102253943			
CYBSR2	AK022556_bp1917_R	CGCTAAAAAGGGCACTATTTACCCTTTATAATCTCTTGAATTATAAAGGTAAATAGTGCCCGG	Hs.414362	9223	-0.5963125	0.29885538	0.018377615							-0.41425	0.21339376	0.077263424			
CYBSR2	AK022556_bp1917_R	CGCTAAAAAGGGCACTATTTACCCTTTATAATCTCTTGAATTATAAAGGTAAATAGTGCCCGG	Hs.414362	14599	-0.3734625	0.52650335	0.182025173							-0.251425	0.23267434	0.250095177			
CYLD	NM_015247_bp2946_R	CGCTAAAAAGCTGCATCCCCTGCCAGAATATCTCTTGAATATTCTGGCAAGGGATGCAGCGG	Hs.578973	1434															
CYLD	NM_015247_bp2946_R	CGCTAAAAAGCTGCATCCCCTGCCAGAATATCTCTTGAATATTCTGGCAAGGGATGCAGCGG	Hs.578973	6810															
CYLD	NM_015247_bp2946_R	CGCTAAAAAGCTGCATCCCCTGCCAGAATATCTCTTGAATATTCTGGCAAGGGATGCAGCGG	Hs.578973	12186															
CYLD	NM_015247_bp3201_R	AGCTAAAAAGACTGCTTTGTGATGCATATATCTCTTGAATATATGCATCACAAAGCAGTCGG	Hs.578973	2445															
CYLD	NM_015247_bp3201_R	AGCTAAAAAGACTGCTTTGTGATGCATATATCTCTTGAATATATGCATCACAAAGCAGTCGG	Hs.578973	7821															
CYLD	NM_015247_bp3201_R	AGCTAAAAAGACTGCTTTGTGATGCATATATCTCTTGAATATATGCATCACAAAGCAGTCGG	Hs.578973	13197															
CYLN2	NM_003388_bp1788_R	CGCTAAAAAGCTCCGGAGAATTAGCGGACAATCTCTTGAATTGTCCGCTAATTCTCGGAGCGG	Hs.255664	3149	-0.962025	0.16044317	0.00110165							-0.5832	0.4077284	0.043818524			
CYLN2	NM_003388_bp1788_R	CGCTAAAAAGCTCCGGAGAATTAGCGGACAATCTCTTGAATTGTCCGCTAATTCTCGGAGCGG	Hs.255664	8525	-0.94845	0.14583156	0.001089995							-0.603675	0.6842684	0.09034032			
CYLN2	NM_003388_bp1788_R	CGCTAAAAAGCTCCGGAGAATTAGCGGACAATCTCTTGAATTGTCCGCTAATTCTCGGAGCGG	Hs.255664	13901	-1.09395	0.21671441	0.000848162							-0.4295	0.64418287	0.187169234			
CYLN2	NM_003388_bp2353_R	CGCTAAAAAGCCATGCACGTGAAGGAGAAGTCTCTTGAACTTCTCCTTCACGTGCATGGCGG	Hs.255664	3151	-0.65125	0.24915838	0.009875044							0.1686	0.15779945	0.405018807			
CYLN2	NM_003388_bp2353_R	CGCTAAAAAGCCATGCACGTGAAGGAGAAGTCTCTTGAACTTCTCCTTCACGTGCATGGCGG	Hs.255664	8527	-0.964125	0.32553213	0.00305433							-0.2294	0.33498329	0.32670486			
CYLN2	NM_003388_bp2353_R	CGCTAAAAAGCCATGCACGTGAAGGAGAAGTCTCTTGAACTTCTCCTTCACGTGCATGGCGG	Hs.255664	13903	-0.938625	0.31386353	0.003181956							-0.2163	0.31384734	0.34463958			
CYLN2	NM_003388_bp2665_R	AGCTAAAAGTCGAAGGTTGCGGGGAGAAGTCTCTTGAACTTCTCCCGCAAACTCTCGACGG	Hs.255664	3153	-0.51145	0.16364434	0.016260954							0.164125	0.53975385	0.552914111			
CYLN2	NM_003388_bp2665_R	AGCTAAAAGTCGAAGGTTGCGGGGAGAAGTCTCTTGAACTTCTCCCGCAAACTCTCGACGG	Hs.255664	8529	-0.24045	0.68477788	0.451521746							0.277675	0.9370071	0.486513			
CYLN2	NM_003388_bp2665_R	AGCTAAAAGTCGAAGGTTGCGGGGAGAAGTCTCTTGAACTTCTCCCGCAAACTCTCGACGG	Hs.255664	13905	-0.091125	0.44179463	0.688255159							0.24755	0.3346649	0.291256718			
D4S234E	BC034227_bp2482_R	CGCTAAAAAGGCCCTCTGGTTCACTTCTATTCCTCTTGAAATAGAAGTGAACCAGAGGGCCGG	Hs.518595	4573	-0.47775	0.76262793	0.197833007	0.66835	0.77986136	0.115750302				0.624166667	0.94958393	0.18934593			
D4S234E	BC034227_bp2482_R	CGCTAAAAAGGCCCTCTGGTTCACTTCTATTCCTCTTGAAATAGAAGTGAACCAGAGGGCCGG	Hs.518595	9949	-0.44845	0.70898632	0.198914545	0.2984	0.43101857	0.312003316				0.7573	0.86396266	0.106504202			
D4S234E	BC034227_bp2482_R	CGCTAAAAAGGCCCTCTGGTTCACTTCTATTCCTCTTGAAATAGAAGTGAACCAGAGGGCCGG	Hs.518595	13325	-0.213175	0.64649564	0.48285905	1.9495						0.376366667	1.05339253	0.434636077			
D4S234E	BC034227_bp2958_R	CGCTAAAAAGCCACTCTTGTTTCCTGAAATCTCTTGAAATTCTCAGGAAACAAGAGTGGCGG	Hs.518595	4575	-0.777275	0.632011	0.03736508	0.277775	0.57768347	0.353877237				-0.04373333	0.52729216	0.888583433			
D4S234E	BC034227_bp2958_R	CGCTAAAAAGCCACTCTTGTTTCCTGAAATCTCTTGAAATTCTCAGGAAACAAGAGTGGCGG	Hs.518595	9951	-0.512125	0.58852804	0.107585991	0.320625	0.50731768	0.251951203				0.2051	0.44684658	0.494966377			
D4S234E	BC034227_bp2958_R	CGCTAAAAAGCCACTCTTGTTTCCTGAAATCTCTTGAAATTCTCAGGAAACAAGAGTGGCGG	Hs.518595	15327	-0.12285	1.03058767	0.78108995	0.48095	0.58041464	0.141310817				0.0612	0.75936603	0.870429236			
D4S234E	BC034227_bp3190_R	AGCTAAAAAGGCCTGATATTCCAGGTAGATCTCTTGAATCTACCTGGAAATACAGGCTCGG	Hs.518595	4577	1.339675	0.96583916	0.019373881	2.17905	0.98237286	0.004802876	2.344866667	0.09247034	0.000140562						
D4S234E	BC034227_bp3190_R	AGCTAAAAAGGCCTGATATTCCAGGTAGATCTCTTGAATCTACCTGGAAATACAGGCTCGG	Hs.518595	9953	1.136525	1.01427703	0.040076292	2.1216	0.81693396	0.00277129	2.0905	0.26374366	0.000344715						
D4S234E	BC034227_bp3190_R	AGCTAAAAAGGCCTGATATTCCAGGTAGATCTCTTGAATCTACCTGGAAATACAGGCTCGG	Hs.518595	15329	1.2625	0.89555576	0.018839242	1.50525	0.45063915	0.02650722	2.095033333	0.29175086	0.00036919						
DAAM1	NM_014992_bp1908_R	AGCTAAAAAGGCCTAGCACTGAAGAGAAATCTCTTGAATTTCTTCTTCAGTGCTAGGCCGG	Hs.19156	3292	0.106025	0.35490161	0.598139144							-0.0011875	0.35160134	0.995834846	-0.163175	0.428933	0.502088811	0.338775	0.31873352	0.123506547
DAAM1	NM_014992_bp1908_R	AGCTAAAAAGGCCTAGCACTGAAGAGAAATCTCTTGAATTTCTTCTTCAGTGCTAGGCCGG	Hs.19156	8668	0.747875	0.53978631	0.028444626							-0.1745375	0.32866852	0.445296859	-0.04895	0.33617593	0.78985963	0.3883	0.36516795	0.123397105
DAAM1	NM_014992_bp1908_R	AGCTAAAAAGGCCTAGCACTGAAGAGAAATCTCTTGAATTTCTTCTTCAGTGCTAGGCCGG	Hs.19156	14044	0.476525	0.22952956	0.028698374							0.1921625	0.5745909	0.50359748	-0.1087	0.39921948	0.623924216	0.3501	0.40378467	0.181315327
DAAM1	NM_014992_bp2484_R	AGCTAAAGTGGCAGAAGTGAAACCTAAATCTCTTGAATTTAGGTTTCACTTCTGCCACGG	Hs.19156	3294	-0.47775	0.29430793	0.039078278							0.3600625	0.89670184	0.358516518	0.3384	0.33748465	0.138595813	-0.293675	0.27503898	0.122370808
DAAM1	NM_014992_bp2484_R	AGCTAAAGTGGCAGAAGTGAAACCTAAATCTCTTGAATTTAGGTTTCACTTCTGCCACGG	Hs.19156	8670	0.08715	0.26474882	0.619779001							0.4019625	0.31829901	0.106011992	0.255775	0.35423416	0.244438487	-0.3433	0.20206473	0.042526265
DAAM1	NM_014992_bp2484_R	AGCTAAAGTGGCAGAAGTGAAACCTAAATCTCTTGAATTTAGGTTTCACTTCTGCCACGG	Hs.19156	14046	-0.19	0.3186541	0.335986625							0.3012875	0.59163731	0.314513175	0.31495	0.31247115	0.137203032	-0.277025	0.33307565	0.194812826
DAAM1	NM_014992_bp886_R	AGCTAAAAAGGACCCGCTTTCAGACATTAATCTCTTGAATTAATGTCTGAAGCGGGTCCGG	Hs.19156	8666	-0.183575	0.48062181	0.454227318							-0.6216875	0.30377049	0.02452548	-0.060475	0.32226983	0.732396509	-0.574325	0.74993409	0.22311851
DAAM1	NM_014992_bp886_R	AGCTAAAAAGGACCCGCTTTCAGACATTAATCTCTTGAATTAATGTCTGAAGCGGGTCCGG	Hs.19156	14042	-0.0866	0.53332561	0.743110218							-0.3956625	0.27418166	0.100126108	0.06355	0.29263668	0.693393351	-0.56685	0.72277191	0.214759944
DAAM1	NM_014992_bp886_R	AGCTAAAAAGGACCCGCTTTCAGACATTAATCTCTTGAATTAATGTCTGAAGCGGGTCCGG	Hs.19156	3290	-0.50105	0.37529095	0.094925626							-0.39875	0.16882301	0.150324654	-0.06435	0.38120016	0.757894417	-0.5383	0.65002225	0.196248023
DAPK1	NM_004938_bp1428_R	AGCTAAAAGGGCTCATTATCCAACTATGATCTCTTGAATCATAGTTGGATAATGAGCCCGG	Hs.380277	356	0.02075	1.05730739	0.963273324	2.1981	0.62989072	0.016013069									
DAPK1	NM_004938_bp1428_R	AGCTAAAAGGGCTCATTATCCAACTATGATCTCTTGAATCATAGTTGGATAATGAGCCCGG	Hs.380277	5732	-0.322	0.7811662	0.371975569	1.8735	0.1059246	0.008941616									
DAPK1	NM_004938_bp1428_R	AGCTAAAAGGGCTCATTATCCAACTATGATCTCTTGAATCATAGTTGGATAATGAGCCCGG	Hs.380277	11108	-0.47965	0.76057919	0.19549196	1.121	0.68469151	0.0376215									
DAPK1	NM_004938_bp454_R	AGCTAAAAGCCGCCAAATTCATCAAGAAATCTCTTGAATTTCTTGATGAATTTGGCGGCCGG	Hs.380277	357	-0.624366667	1.15649267	0.279599369	-1.0098	3.56798423	0.559041071									
DAPK1	NM_004938_bp454_R	AGCTAAAAGCCGCCAAATTCATCAAGAAATCTCTTGAATTTCTTGATGAATTTGGCGGCCGG	Hs.380277	5733	-0.224725	1.31008883	0.685166368	-1.0586	4.39249916	0.61556591									
DAPK1	NM_004938_bp454_R	AGCTAAAAGCCGCCAAATTCATCAAGAAATCTCTTGAATTTCTTGATGAATTTGGCGGCCGG	Hs.380277	11109	-0.1463	1.16844209	0.76809354	-0.976033333	3.08776295	0.517512064									
DAPK1	NM_004938_bp573_R	AGCTAAAACGACGAGGTCTATGAGAACAATCTCTTGAATTGTTTCTCATAGACCTCGTGCGG	Hs.380277	1569	-1.967725	3.83297837	0.300570742												
DAPK1	NM_004938_bp573_R	AGCTAAAACGACGAGGTCTATGAGAACAATCTCTTGAATTGTTTCTCATAGACCTCGTGCGG	Hs.380277	6945	-4.37965														
DAPK1	NM_004938_bp573_R	AGCTAAAACGACGAGGTCTATGAGAACAATCTCTTGAATTGTTTCTCATAGACCTCGTGCGG	Hs.380277	12321															
DAPK2	NM_014326_bp406_R	AGCTAAAAGGCCACCAGCTTCATTAAGCATCTCTTGAATGCTTAATGAAGCTGGTGGCCGG	Hs.237886	6986	-1.542625	2.78759171	0.274954362	-0.4983	5.23477676	0.839934007									
DAPK2	NM_014326_bp406_R	AGCTAAAAGGCCACCAGCTTCATTAAGCATCTCTTGAATGCTTAATGAAGCTGGTGGCCGG	Hs.237886	12362	-1.845525	2.65592843	0.193547622	-1.119	5.9874937	0.694183678									
DAPK2	NM_014326_bp406_R	AGCTAAAAGGCCACCAGCTTCATTAAGCATCTCTTGAATGCTTAATGAAGCTGGTGGCCGG	Hs.237886	1610				-0.6192											
DAPK2	NM_014326_bp554_R	CGCTAAAATACGTTCATCGAAATAGAATGGATCTCTTGAACCCATCTTCTATTTCGTGAGCGG	Hs.237886	453	0.049875	1.1464978	0.91818355	0.2488	0.98952523	0.662771587									
DAPK2	NM_014326_bp554_R	CGCTAAAATACGTTCATCGAAATAGAATGGATCTCTTGAACCCATCTTCTATTTCGTGAGCGG	Hs.237886	5829	0.0728	1.39416309	0.900631075	-1.720833333	3.18827256	0.295822222									
DAPK2	NM_014326_bp554_R	CGCTAAAATACGTTCATCGAAATAGAATGGATCTCTTGAACCCATCTTCTATTTCGTGAGCGG	Hs.237886	11205	-0.132875	1.19209805	0.292442229	-1.862866667	3.06654628	0.249035165									
DAPK2	NM_014326_bp973_R	AGCTAAAAGTGGAAGCTTTCCTTCAGCATTCTCTTGAAATGCTGAAGGAAAGCTTCCACGG	Hs.237886	454	0.31145	1.93603242	0.698764192	-0.4819	2.05499156	0.629262061									
DAPK2	NM_014326_bp973_R	AGCTAAAAGTGGAAGCTTTCCTTCAGCATTCTCTTGAATGCTGAAGGAAAGCTTCCACGG	Hs.237886	5830	0.53675	1.92433314	0.508952056	-0.958833333	3.32613455	0.552486798									
DAPK2	NM_014326_bp973_R	AGCTAAAAGTGGAAGCTTTCCTTCAGCATTCTCTTGAATGCTGAAGGAAAGCTTCCACGG	Hs.237886	11206	0.3985	2.3295322	0.660919043	-0.780833333	3.01783368	0.592443854									
DAPK3	NM_001348_bp899_R	AGCTAAAAAGCCTGGAACATTCCTGGATTATTCTCTTGAATAATCCAGGAATGTTCCAGGCCGG	Hs.233308	1597	-0.25285	0.80365623	0.486263123	-0.3394125	0.28012011	0.112543396									
DAPK3	NM_001348_bp899_R	AGCTAAAAAGCCTGGAACATTCCTGGATTATTCTCTTGAATAATCCAGGAATGTTCCAGGCCGG	Hs.233308	6973	-0.110125	0.81364914	0.759199663	-0.3071125	0.32075242	0.162227435									
DAPK3	NM_001348_bp899_R	AGCTAAAAAGCCTGGAACATTCCTGGATTATTCTCTTGAATAATCCAGGAATGTTCCAGGCCGG	Hs.233308	12349	-0.2698	0.80031029	0.45757743	-0.3121625	0.30866688	0.150605013									
DBN1	NM_080881_bp1412_R	CGCTAAAAAGAGACCCACATGAAGAAGTCATCTCTTGAATGACTTCTTCATGTGGGTCTCGG	Hs.130316	3795	-0.29285	0.26286654	0.13495098							-0.0806875	0.33377164	0.720038714			
DBN1	NM_080881_bp1412_R	CGCTAAAAAGAGACCCACATGAAGAAGTCATCTCTTGAATGACTTCTTCATGTGGGTCTCGG	Hs.130316	9171	-0.265275	0.26068603	0.166442992							-0.1825875	0.22517869	0.388665846			
DBN1	NM_080881_bp1412_R	CGCTAAAAAGAGACCCACATGAAGAAGTCATCTCTTGAATGACTTCTTCATGTGGGTCTCGG	Hs.130316	14547	-0.22345	0.17615318	0.186696856							-0.1057375	0.33079482	0.639052697			
DBN1	NM_080881_bp2198_R	CGCTAAAAAGCCACCCCTTCTCAACTTTGATTCCTCTTGAATCAAAGTTGAGAAGGGTGGCGG	Hs.130316	3793	-0.254375	0.61771863	0.391882614							0.2709125	0.75853729	0.431174467			
DBN1	NM_080881_bp2198_R	CGCTAAAAAGCCACCCCTTCTCAACTTTGATTCCTCTTGAATCAAAGTTGAGAAGGGTGGCGG	Hs.130316	9169	-0.61075	0.76463042	0.116795795							0.2988625	0.12103248	0.177720949			
DBN1	NM_080881_bp2198_R	CGCTAAAAAGCCACCCCTTCTCAACTTTGATTCCTCTTGAATCAAAGTTGAGAAGGGTGGCGG	Hs.130316	14545	-0.373175	0.38534144	0.116966642							0.1125625	0.58543782	0.694496907			
DBN1	NM_080881_bp2399_R	CGCTAAAAAGAGGGGTACTTCAGTCAATCATCTCTTGAATGATTGACTGAAGTACCCCTCGG	Hs.130316	3767	0.76605	0.63112544	0.039063541							0.3524625	1.13554855	0.450593897			
DBN1	NM_080881_bp2399_R	CGCTAAAAAGAGGGGTACTTCAGTCAATCATCTCTTGAATGATTGACTGAAGTACCCCTCGG	Hs.130316	9143	0.80045	0.37553478	0.009134284							-0.0421125	0.48080587	0.870060105			
DBN1	NM_080881_bp2399_R	CGCTAAAAAGAGGGGTACTTCAGTCAATCATCTCTTGAATGATTGACTGAAGTACCCCTCGG	Hs.130316	14519	0.68485	0.22629724	0.007063185							0.0958625	0.52790391	0.723231472			
DBP	NM_020126_bp1269_R	CGCTAAAAAGCTCAACTGCTCACTGTTGCTTCTCTTGAAAGCAACAGTGAGCAGTTGAGCGGG	Hs.528006	2924	-1.137875	0.3364585	0.001572092							0.361075	0.33788527	0.144404965			
DBP	NM_020126_bp1269_R	CGCTAAAAAGCTCAACTGCTCACTGTTGCTTCTCTTGAAAGCAACAGTGAGCAGTTGAGCGGG	Hs.528006	8300	-1.317125	0.19312275	0.000306176							0.42525	0.47509341	0.131863473			
DBP	NM_020126_bp1269_R	CGCTAAAAAGCTCAACTGCTCACTGTTGCTTCTCTTGAAAGCAACAGTGAGCAGTTGAGCGGG	Hs.528006	13676	-1.521825	0.44700563	0.000875908							0.248425	0.430228	0.330693722			
DBP	NM_020126_bp1972_R	CGCTAAAAAGGGGACTTTGTGCTCATGTTGTCTCTTGAACAACATGAGCACAAAGTCCCCGG	Hs.528006	2922	0.30675	0.41222066	0.195118471							0.0547	0.62404746	0.853318444			
DBP	NM_020126_bp1972_R	CGCTAAAAAGGGGACTTTGTGCTCATGTTGTCTCTTGAACAACATGAGCACAAAGTCCCCGG	Hs.528006	8298	0.328575	0.42630796	0.177436906							-0.018775	0.48178398	0.941862535			
DBP	NM_020126_bp1972_R	CGCTAAAAAGGGGACTTTGTGCTCATGTTGTCTCTTGAACAACATGAGCACAAAGTCCCCGG	Hs.528006	13674	0.354525	0.39016221	0.134296872							0.009425	0.49439248	0.971146518			
DCAMKL1	NM_004734_bp1348_R	CGCTAAAAAGCTTCCAGATTCCAGCTACAATCTCTTGAATTGTAGCTGGAATCTGGAAGCGG	Hs.507755	328	-0.84655	0.69495281	0.036175029	0.8783											
DCAMKL1	NM_004734_bp1348_R	CGCTAAAAAGCTTCCAGATTCCAGCTACAATCTCTTGAATTGTAGCTGGAATCTGGAAGCGG	Hs.507755	5704	-0.844525	0.55823048	0.020094811	0.0758	1.19159484	0.897379971									
DCAMKL1	NM_004734_bp1348_R	CGCTAAAAAGCTTCCAGATTCCAGCTACAATCTCTTGAATTGTAGCTGGAATCTGGAAGCGG	Hs.507755	11080	-1.06655	0.39562779	0.003099771	0.5087	1.71826948	0.581234277									
DCAMKL1	NM_004734_bp1929_R	AGCTAAAAAGCAGGTGTAATCACTATATCTCTCTTGAAGATATAAGTGATTTATACACCTGCGG	Hs.507755	329	-0.729066667	0.52893491	0.05330089	-0.151333333	1.35713263	0.819686262									
DCAMKL1	NM_004734_bp1929_R	AGCTAAAAAGCAGGTGTAATCACTATATCTCTCTTGAAGATATAAGTGATTTATACACCTGCGG	Hs.507755	5705	-0.4187	0.59951361	0.175372405	-0.3688	1.41133633	0.598847855									
DCAMKL1	NM_004734_bp1929_R	AGCTAAAAAGCAGGTGTAATCACTATATCTCTCTTGAAGATATAAGTGATTTATACACCTGCGG	Hs.507755	11081	-0.691175	0.21288234	0.006300852	-0.422933333	1.31157483	0.52299222									
DCAMKL1	NM_004734_bp2273_R	CGCTAAAAAGGACCACGGGTTTACCATCAATCTCTTGAATTGATGGTAAACCCGTGGTCCGG	Hs.507755	330	1.1273	1.08410689	0.049908823	0.1096											
DCAMKL1	NM_004734_bp2273_R	CGCTAAAAAGGACCACGGGTTTACCATCAATCTCTTGAATTGATGGTAAACCCGTGGTCCGG	Hs.507755	5706	3.2941	3.29146822	0.049589648	0.045166667	1.95989494	0.961515735									
DCAMKL1	NM_004734_bp2273_R	CGCTAAAAAGGACCACGGGTTTACCATCAATCTCTTGAATTGATGGTAAACCCGTGGTCCGG	Hs.507755	11082	3.6536	4.01360842	0.065723171	0.059	1.92759666	0.948941439									
DCAMKL2	NM_152619_bp1027_R	CGCTAAAAAGCCAACTTTCTACTCCTAAATTCTCTTGAAATTTAGGAGTAGAAAGTTGGCGG	Hs.437045	6093	-0.539	0.36243131	0.036697505	-0.44965	0.44525915	0.10612018									
DCAMKL2	NM_152619_bp1027_R	CGCTAAAAAGCCAACTTTCTACTCCTAAATTCTCTTGAAATTTAGGAGTAGAAAGTTGGCGG	Hs.437045	11469	0.137775	0.8305882	0.707057912	-0.21805	0.9019147	0.681292843									
DCAMKL2	NM_152619_bp1305_R	CGCTAAAAAGCCCTAAAGATTATAGACAAATCTCTTGAATTTGTCTATAATCTTTAGGGCGG	Hs.437045	11470															
DCAMKL2	NM_152619_bp1305_R	CGCTAAAAAGCCCTAAAGATTATAGACAAATCTCTTGAATTTGTCTATAATCTTTAGGGCGG	Hs.437045	718															
DCAMKL2	NM_152619_bp1305_R	CGCTAAAAAGCCCTAAAGATTATAGACAAATCTCTTGAATTTGTCTAT

DDAH2	BM460795_bp1324_R	AGCTAAAAGCACCAACCTTACTCCATCACTCTCTTGAAGTGATGGAGTAAGGTTGGTGCGG	Hs.247362	4441	-0.067375	1.04861278	0.880393433	0.013	0.73014728	0.969795064	1.1941	2.22090836	0.211259774
DDAH2	BM460795_bp1324_R	AGCTAAAAGCACCAACCTTACTCCATCACTCTCTTGAAGTGATGGAGTAAGGTTGGTGCGG	Hs.247362	9817	0.16025	0.99224077	0.708538263	0.58785	0.48883692	0.061808542	1.188633333	2.40379271	0.242501542
DDAH2	BM460795_bp1324_R	AGCTAAAAGCACCAACCTTACTCCATCACTCTCTTGAAGTGATGGAGTAAGGTTGGTGCGG	Hs.247362	15193	-0.174525	1.05886556	0.701170387	-0.302025	0.64682585	0.356260041	1.279166667	2.31808046	0.200094733
DDAH2	BM460795_bp522_R	AGCTAAAAGCGTCCAGCGTAACCTATATATCTCTTGAATATATAGGTTACGCTGGACGCGG	Hs.247362	4413	-0.9529	0.355694	0.003907273	1.235975	0.68122947	0.012423197	1.1034	1.13912107	0.065201534
DDAH2	BM460795_bp522_R	AGCTAAAAGCGTCCAGCGTAACCTATATATCTCTTGAATATATAGGTTACGCTGGACGCGG	Hs.247362	9789	-1.248025	0.25434691	0.000587684	1.09635	0.78788976	0.028960576	0.8194	0.86832298	0.087424226
DDAH2	BM460795_bp522_R	AGCTAAAAGCGTCCAGCGTAACCTATATATCTCTTGAATATATAGGTTACGCTGGACGCGG	Hs.247362	15165	-1.057975	0.35571356	0.002475615	0.867225	0.55704262	0.024724669	0.820033333	0.64535559	0.052664514
DDAH2	BM460795_bp672_R	AGCTAAAAGCGTACAACTTACCCCGTATATCTCTTGAATATACGGGGTAAGTTGTACGCGG	Hs.247362	4415	4.422266667	4.67246612	0.081406026	0.505525	1.5934081	0.484005033	5.4431		
DDAH2	BM460795_bp672_R	AGCTAAAAGCGTACAACTTACCCCGTATATCTCTTGAATATACGGGGTAAGTTGTACGCGG	Hs.247362	9791	3.426433333	3.24906406	0.061868145	0.19445	1.6080613	0.784287676	6.9311		
DDAH2	BM460795_bp672_R	AGCTAAAAGCGTACAACTTACCCCGTATATCTCTTGAATATACGGGGTAAGTTGTACGCGG	Hs.247362	15167	2.260675	1.71435219	0.020294423	0.387175	1.41437797	0.544902771	4.6979		
DDHD1	NM_030637_bp1045_R	AGCTAAAAGCGTGCAGCAGTGGTTTATTGATCTCTTGAATCAATAAACCACTGTCCACGCGG	Hs.512360	3665	-1.532725	0.44304109	0.000825445				0.3559625	0.63056655	0.258061061
DDHD1	NM_030637_bp1045_R	AGCTAAAAGCGTGCAGCAGTGGTTTATTGATCTCTTGAATCAATAAACCACTGTCCACGCGG	Hs.512360	9041	-1.434675	0.42686804	0.001005401				-0.5411375	0.73523801	0.135573343
DDHD1	NM_030637_bp1045_R	AGCTAAAAGCGTGCAGCAGTGGTTTATTGATCTCTTGAATCAATAAACCACTGTCCACGCGG	Hs.512360	14417	-1.305925	0.21882369	0.000375155				-0.1822875	0.5083741	0.498823398
DDHD1	NM_030637_bp1766_R	AGCTAAAAGGGGGTAAAGTCTCAATAGTATCTCTTGAATACTATTGAGACTTTACCCCCGG	Hs.512360	3661	1.247525	0.46064959	0.000234814				1.8217375	0.72188254	0.001034715
DDHD1	NM_030637_bp1766_R	AGCTAAAAGGGGGTAAAGTCTCAATAGTATCTCTTGAATACTATTGAGACTTTACCCCCGG	Hs.512360	9037	1.196025	0.39839574	0.001901182				1.0692625	0.25408807	0.001714747
DDHD1	NM_030637_bp1766_R	AGCTAAAAGGGGGTAAAGTCTCAATAGTATCTCTTGAATACTATTGAGACTTTACCCCCGG	Hs.512360	14413	1.252825	0.45591598	0.002242832				1.2653875	0.0836777	0.000418518
DDHD1	NM_030637_bp2379_R	AGCTAAAAGCCGACACTATGGAGAATCTATCTCTTGAATAGATTCTCCATAGTGTCGGCGG	Hs.512360	3663	-0.161875	0.24740386	0.360330727				-0.0881	1.29994531	0.889891854
DDHD1	NM_030637_bp2379_R	AGCTAAAAGCCGACACTATGGAGAATCTATCTCTTGAATAGATTCTCCATAGTGTCGGCGG	Hs.512360	9039	-0.61515	0.56776513	0.060390172				-0.30595	0.23794143	0.394531443
DDHD1	NM_030637_bp2379_R	AGCTAAAAGCCGACACTATGGAGAATCTATCTCTTGAATAGATTCTCCATAGTGTCGGCGG	Hs.512360	14415	-0.706933333	0.64175328	0.084618874				-0.04093375	0.33032397	0.854671109
DDR1	NM_013994_bp1185_R	AGCTAAAAGCAGGTCCACTGTAACAACATTTCTCTTGAAATGTTGTTACAGTGGACCTGCGG	Hs.520004	5822	1.1767	0.77294299	0.015244241	1.2709	0.55762913	0.016979881			
DDR1	NM_013994_bp1185_R	AGCTAAAAGCAGGTCCACTGTAACAACATTTCTCTTGAAATGTTGTTACAGTGGACCTGCGG	Hs.520004	11198	1.56505	1.3018944	0.029600163	1.503666667	1.82172936	0.148266226			
DDR1	NM_013994_bp1185_R	AGCTAAAAGCAGGTCCACTGTAACAACATTTCTCTTGAAATGTTGTTACAGTGGACCTGCGG	Hs.520004	446									
DDR1	NM_013994_bp1735_R	AGCTAAAAGGGGACACTATCCTCATCAACTCTCTTGAATGATGAGGATAGTGTCCCCGG	Hs.520004	447	1.5377	1.15319009	0.036595315	0.878033333	1.36437957	0.238751163			
DDR1	NM_013994_bp1735_R	AGCTAAAAGGGGACACTATCCTCATCAACTCTCTTGAATGTTGATGAGGATAGTGTCCCCGG	Hs.520004	5823	2.6036	1.79272013	0.025306076	0.357733333	1.29990813	0.582692437			
DDR1	NM_013994_bp1735_R	AGCTAAAAGGGGACACTATCCTCATCAACTCTCTTGAATGTTGATGAGGATAGTGTCCCCGG	Hs.520004	11199	1.8996	1.51750325	0.041095353	1.3043	1.32425877	0.106081055			
DDR1	NM_013994_bp931_R	AGCTAAAAGGGCAGACAATGTATTTATCTTCTCTTGAAAGATAAATACATTGTCTGCCCGG	Hs.520004	1576	-1.299275	1.37513704	0.063457334	-0.481566667	2.33341575	0.668484339			
DDR1	NM_013994_bp931_R	AGCTAAAAGGGCAGACAATGTATTTATCTTCTCTTGAAAGATAAATACATTGTCTGCCCGG	Hs.520004	6952	-1.3414	1.64395503	0.09332359	-0.4582	2.66818835	0.719571539			
DDR1	NM_013994_bp931_R	AGCTAAAAGGGCAGACAATGTATTTATCTTCTCTTGAAAGATAAATACATTGTCTGCCCGG	Hs.520004	12328	-1.4657	1.52847705	0.059768802	-0.551766667	2.93382403	0.694252367			
DDR2	NM_006182_bp1380_R	AGCTAAAAGCCAGTGCCATCAAGTGTCAATCTCTTGAATTGACACCTTGATGGCACTGGCGG	Hs.275757	465	-0.225725	0.18806869	0.188475332	-1.1416	0.93745178	0.070172957			
DDR2	NM_006182_bp1380_R	AGCTAAAAGCCAGTGCCATCAAGTGTCAATCTCTTGAATTGACACCTTGATGGCACTGGCGG	Hs.275757	5841	-0.32415	0.35235144	0.144836505	-2.0803	2.25425056	0.111554381			
DDR2	NM_006182_bp1380_R	AGCTAAAAGCCAGTGCCATCAAGTGTCAATCTCTTGAATTGACACCTTGATGGCACTGGCGG	Hs.275757	11217	-0.71985	0.83967427	0.094293284	-2.026833333	2.07733456	0.102672041			
DDR2	NM_006182_bp2253_R	AGCTAAAAGACCCAAACATCATCCATCTATCTCTTGAATAGATGGATGATGTTTGGGTCGG	Hs.275757	5842	0.1009	0.60599351	0.721604584	-1.723833333	3.49176255	0.332177549			
DDR2	NM_006182_bp2253_R	AGCTAAAAGACCCAAACATCATCCATCTATCTCTTGAATAGATGGATGATGTTTGGGTCGG	Hs.275757	11218	0.09385	0.52309922	0.711919359	-1.532266667	2.94934375	0.311989641			
DDR2	NM_006182_bp2253_R	AGCTAAAAGACCCAAACATCATCCATCTATCTCTTGAATAGATGGATGATGTTTGGGTCGG	Hs.275757	466				0.0342					
DDR2	NM_006182_bp2507_R	AGCTAAAAGGGTAAGAACTACACAATCAATCTCTTGAATTGATTGTGTAGTTCTTACCCGG	Hs.275757	1763	-1.324416667	5.29116363	0.573184676	0.69215	7.91542402	0.860147374			
DDR2	NM_006182_bp2507_R	AGCTAAAAGGGTAAGAACTACACAATCAATCTCTTGAATTGATTGTGTAGTTCTTACCCGG	Hs.275757	7139	-2.140716667	6.60989976	0.471252599	-6.1458					
DDR2	NM_006182_bp2507_R	AGCTAAAAGGGTAAGAACTACACAATCAATCTCTTGAATTGATTGTGTAGTTCTTACCCGG	Hs.275757	12515	-2.819716667	7.79742611	0.425313811	-6.9184					
DDX20	NM_007204_bp1010_R	AGCTAAAAGCTGGCAGTATCAGCTACTTATCTCTTGAATAAGTAGCTGATACTGCCAGCGG	Hs.591405	2457	0.2198375	0.34432974	0.369599941				-0.1403	1.59056868	0.838674781
DDX20	NM_007204_bp1010_R	AGCTAAAAGCTGGCAGTATCAGCTACTTATCTCTTGAATAAGTAGCTGATACTGCCAGCGG	Hs.591405	7833	0.2581875	0.32847483	0.272619054				-0.05396667	1.37652591	0.935439648
DDX20	NM_007204_bp1010_R	AGCTAAAAGCTGGCAGTATCAGCTACTTATCTCTTGAATAAGTAGCTGATACTGCCAGCGG	Hs.591405	13209	0.2342375	0.26992831	0.288050414				-0.084925	1.04097111	0.849367288
DDX20	NM_007204_bp2067_R	AGCTAAAAGCTGAATTGGTAGAGGATTATTCTCTTGAAATATCCTCTACCAATTCAGCGG	Hs.591405	1189	0.6790125	0.33940688	0.017497938				0.36015	0.49481127	0.196102675
DDX20	NM_007204_bp2067_R	AGCTAAAAGCTGAATTGGTAGAGGATTATTCTCTTGAAATATCCTCTACCAATTCAGCGG	Hs.591405	6565	0.7514875	0.61322365	0.045536384				0.41315	0.42921467	0.112563963
DDX20	NM_007204_bp2067_R	AGCTAAAAGCTGAATTGGTAGAGGATTATTCTCTTGAAATATCCTCTACCAATTCAGCGG	Hs.591405	11941	0.6862375	0.51855125	0.041542036				0.387825	0.46038358	0.156270515
DDX20	NM_007204_bp588_R	AGCTAAAAGGGCTCGATTTAATTGTTCAATCTCTTGAATTGAACAATTAAATCGAGCCCGG	Hs.591405	1176	0.3434375	0.16444572	0.08744599				0.05045	0.3329906	0.810439795
DDX20	NM_007204_bp588_R	AGCTAAAAGGGCTCGATTTAATTGTTCAATCTCTTGAATTGAACAATTAAATCGAGCCCGG	Hs.591405	6552	0.3156125	0.20002283	0.124575086				0.11505	0.43559209	0.635606124
DDX20	NM_007204_bp588_R	AGCTAAAAGGGCTCGATTTAATTGTTCAATCTCTTGAATTGAACAATTAAATCGAGCCCGG	Hs.591405	11928	0.3062375	0.13231436	0.111272011				0.1297	0.44538294	0.598683587
DDX3X	NM_001356_bp1928_R	AGCTAAAAGAGCCCTCAGATTCGTAGAGATATCTCTTGAATATTCTACGAATCTGAGGCTCGG	Hs.380774	2636	0.837025	0.55951173	0.017071811				-1.2487625	0.77024722	0.009571586
DDX3X	NM_001356_bp1928_R	AGCTAAAAGAGCCCTCAGATTCGTAGAGATATCTCTTGAATATTCTACGAATCTGAGGCTCGG	Hs.380774	8012	0.840075	0.60556648	0.021212719				-1.2375625	0.70264091	0.007564617
DDX3X	NM_001356_bp1928_R	AGCTAAAAGAGCCCTCAGATTCGTAGAGATATCTCTTGAATATTCTACGAATCTGAGGCTCGG	Hs.380774	13388	0.8981	0.57041332	0.013807855				-1.2813875	0.70642925	0.006509585
DDX3X	NM_001356_bp2032_R	AGCTAAAAGGCTCGTGATTTCTTAGATGATCTCTTGAATCATCTAAGAAATCACGAGCCGG	Hs.380774	2640	-1.04335	0.58515111	0.011786739				-1.039875	0.74825755	0.019738149
DDX3X	NM_001356_bp2032_R	AGCTAAAAGGCTCGTGATTTCTTAGATGATCTCTTGAATCATCTAAGAAATCACGAGCCGG	Hs.380774	8016	-0.9847	0.58527224	0.01526268				-1.0413125	0.75483823	0.020063535
DDX3X	NM_001356_bp2032_R	AGCTAAAAGGCTCGTGATTTCTTAGATGATCTCTTGAATCATCTAAGAAATCACGAGCCGG	Hs.380774	13392	-0.89015	0.53830262	0.018093001				-1.0298375	0.69616526	0.016924537
DDX3X	NM_001356_bp908_R	AGCTAAAAGGCCTAGACCTGAACTCTTCATCTCTTGAATGAAGAGTTCAGGTCTAGGCCGG	Hs.380774	2638	3.472575	0.65941612	5.20E-05				-0.7919125	0.16723467	0.007345233
DDX3X	NM_001356_bp908_R	AGCTAAAAGGCCTAGACCTGAACTCTTCATCTCTTGAATGAAGAGTTCAGGTCTAGGCCGG	Hs.380774	8014	3.524375	0.67498007	5.28E-05				-0.8459625	0.14035956	0.004979639
DDX3X	NM_001356_bp908_R	AGCTAAAAGGCCTAGACCTGAACTCTTCATCTCTTGAATGAAGAGTTCAGGTCTAGGCCGG	Hs.380774	13390	3.107775	0.55743576	4.68E-05				-0.6643125	0.15332323	0.016219217
DDX56	NM_182547_bp183_R	AGCTAAAAGCAACTATCGTACCCAGATGTTCTCTCTTGAAACATCTGGGTACGATAGTTGCGG	Hs.510745	3055	-0.3652	0.58030467	0.217409906				0.055666667	0.82993817	0.889427862
DDX56	NM_182547_bp183_R	AGCTAAAAGCAACTATCGTACCCAGATGTTCTCTCTTGAAACATCTGGGTACGATAGTTGCGG	Hs.510745	8431	-0.365825	0.65246671	0.253214655				0.0301	0.76945142	0.936487804
DDX56	NM_182547_bp183_R	AGCTAAAAGCAACTATCGTACCCAGATGTTCTCTCTTGAAACATCTGGGTACGATAGTTGCGG	Hs.510745	13807	-0.318725	0.6368955	0.303585102				0.0693	0.78478114	0.856342559
DDX56	NM_182547_bp538_R	AGCTAAAAGAGACAGGATTACCAAAGGTATCTCTTGAATCACTTTGGTAATCCTGCTCCGG	Hs.510745	3051	0.51385	0.45331667	0.064672241				0.333	0.58364406	0.267410794
DDX56	NM_182547_bp538_R	AGCTAAAAGAGACAGGATTACCAAAGGTATCTCTTGAATCACTTTGGTAATCCTGCTCCGG	Hs.510745	8427	0.50855	0.38788054	0.050016521				0.349975	0.61698528	0.259761592
DDX56	NM_182547_bp538_R	AGCTAAAAGAGACAGGATTACCAAAGGTATCTCTTGAATCACTTTGGTAATCCTGCTCCGG	Hs.510745	13803	0.562525	0.51783357	0.064598506				0.3534	0.6574577	0.272135541
DDX56	NM_182547_bp615_R	AGCTAAAAGGTCCATTGCTCAGACTGTGATCTCTTGAATGACAGTCTGAGCAATGGACGG	Hs.510745	3053	-1.139275	0.47886819	0.003917901				-0.198425	1.43521317	0.723237545
DDX56	NM_182547_bp615_R	AGCTAAAAGGTCCATTGCTCAGACTGTGATCTCTTGAATGACAGTCTGAGCAATGGACGG	Hs.510745	8429	-1.038075	0.47291436	0.005614719				-0.205875	1.57774408	0.735569201
DDX56	NM_182547_bp615_R	AGCTAAAAGGTCCATTGCTCAGACTGTGATCTCTTGAATGACAGTCTGAGCAATGGACGG	Hs.510745	13805	-1.05225	0.40609019	0.003514764				-0.23195	1.46925022	0.685663404
DENND1C	AL713770_bp1215_R	AGCTAAAAGTGTCCCGTCTCTTTCCTCAAATCTCTTGAATTTGAGGAAGAGACGGGACACGG	Hs.236449	3966	0.0376						-0.548825	0.26393452	0.034628102
DENND1C	AL713770_bp1215_R	AGCTAAAAGTGTCCCGTCTCTTTCCTCAAATCTCTTGAATTTGAGGAAGAGACGGGACACGG	Hs.236449	9342	0.0372625	0.35217779	0.850515426				-0.361575	0.23565938	0.117251353
DENND1C	AL713770_bp1215_R	AGCTAAAAGTGTCCCGTCTCTTTCCTCAAATCTCTTGAATTTGAGGAAGAGACGGGACACGG	Hs.236449	14718	0.176716667	0.29556168	0.438757468				-0.36585	0.15853632	0.099698533
DENND1C	AL713770_bp1507_R	AGCTAAAAGGGCCGACAATCTAAAGAAAGTCTCTTGAACTTTCTTTAGATTGTCGGCCCGG	Hs.236449	3964	0.2907875	0.33718844	0.173992534				-0.233375	0.129678	0.255191345
DENND1C	AL713770_bp1507_R	AGCTAAAAGGGCCGACAATCTAAAGAAAGTCTCTTGAACTTTCTTTAGATTGTCGGCCCGG	Hs.236449	9340	0.3760125	0.30873502	0.085534775				0.052425	0.12783863	0.787020832
DENND1C	AL713770_bp1507_R	AGCTAAAAGGGCCGACAATCTAAAGAAAGTCTCTTGAACTTTCTTTAGATTGTCGGCCCGG	Hs.236449	14716	0.5626625	0.2806053	0.020611849				0.053025	0.14846738	0.786751946
DENND1C	AL713770_bp2657_R	AGCTAAAAGACGCCCAGTCCCTCAATAATCTCTTGAATTATTGAGGGACTGGGGTCTCGG	Hs.236449	3962	0.206						-0.0767	0.05190806	0.686442265
DENND1C	AL713770_bp2657_R	AGCTAAAAGACGCCCAGTCCCTCAATAATCTCTTGAATTATTGAGGGACTGGGGTCTCGG	Hs.236449	9338	0.3411375	0.45803173	0.180356779				0.08255	0.23470909	0.691184461
DENND1C	AL713770_bp2657_R	AGCTAAAAGACGCCCAGTCCCTCAATAATCTCTTGAATTATTGAGGGACTGGGGTCTCGG	Hs.236449	14714	0.2694625	0.28512586	0.173506224				0.0733	0.21761204	0.720667865
DENND4A	AL833317_bp3050_R	AGCTAAAAGCCAGTCTGATCTTGGATATATCTCTTGAATATATCCAAGATCAGACTGGCGG	Hs.591107	4122	-0.0144875	0.3929164	0.944922538				0.02185	0.2312227	0.915504797
DENND4A	AL833317_bp3050_R	AGCTAAAAGCCAGTCTGATCTTGGATATATCTCTTGAATATATCCAAGATCAGACTGGCGG	Hs.591107	9498	-0.0514875	0.30304557	0.779797706				0.072525	0.1633896	0.714320625
DENND4A	AL833317_bp3050_R	AGCTAAAAGCCAGTCTGATCTTGGATATATCTCTTGAATATATCCAAGATCAGACTGGCGG	Hs.591107	14874	0.0285625	0.36287465	0.886850871				0.149225	0.17967377	0.463653404
DENND4A	AL833317_bp4034_R	AGCTAAAAGGGCATGTGATGATAAATTAATCTCTTGAATTAATTATCATCACATGCCCGG	Hs.591107	4120	-0.4878375	0.26298459	0.031207256				0.190275	0.31860563	0.403609527
DENND4A	AL833317_bp4034_R	AGCTAAAAGGGCATGTGATGATAAATTAATCTCTTGAATTAATTATCATCACATGCCCGG	Hs.591107	9496	-0.4715875	0.29570504	0.041061745				0.104075	0.33637135	0.645844514
DENND4A	AL833317_bp4034_R	AGCTAAAAGGGCATGTGATGATAAATTAATCTCTTGAATTAATTATCATCACATGCCCGG	Hs.591107	14872	-0.4440125	0.27016287	0.044166325				0.1433	0.31915556	0.524171364
DENND4A	AL833317_bp5120_R	AGCTAAAAGCCCCTTGGATAAGGAAGATATCTCTTGAATATCTTCCTTATCCAAGGGGCCGG	Hs.591107	4124	0.2274125	0.23321344	0.208595419				-0.19135	0.17527724	0.353097536
DENND4A	AL833317_bp5120_R	AGCTAAAAGCCCCTTGGATAAGGAAGATATCTCTTGAATATCTTCCTTATCCAAGGGGCCGG	Hs.591107	9500	-0.0053375	0.34078381	0.978052691				-0.179625	0.14325854	0.373462583
DENND4A	AL833317_bp5120_R	AGCTAAAAGCCCCTTGGATAAGGAAGATATCTCTTGAATATCTTCCTTATCCAAGGGGCCGG	Hs.591107	14876	0.2697375	0.32340737	0.193881423				-0.09765	0.18539983	0.628151924
DEPDC1	NM_017779_bp1175_R	AGCTAAAAGCTGGAAGATTAGTTTTCTTTCTCTCTTGAAGAAAGAACTAATCTTCCAGCGG	Hs.445098	5010	-1.5009875	1.49155591	0.051781079	-0.3469625	2.29031979	0.110948072			
DEPDC1	NM_017779_bp1175_R	AGCTAAAAGCTGGAAGATTAGTTTTCTTTCTCTCTTGAAGAAAGAACTAATCTTCCAGCGG	Hs.445098	10386	-0.5922625	0.18125029	0.009985722	-0.2668125	0.2236253	0.158760207			
DEPDC1	NM_017779_bp1175_R	AGCTAAAAGCTGGAAGATTAGTTTTCTTTCTCTCTTGAAGAAAGAACTAATCTTCCAGCGG	Hs.445098	15762	-1.8160125	2.54193372	0.126253688	-0.2866125	0.24749416	0.147288326			
DEPDC1	NM_017779_bp2121_R	AGCTAAAAGCCAACTTACTCATACTGTAATCCTCTTGAATTACAGTATGAGTAAGTTGGCGG	Hs.445098	5006	-1.4161625	1.17629042	0.048934729	-0.7264375	0.63235652	0.058800633			
DEPDC1	NM_017779_bp2121_R	AGCTAAAAGCCAACTTACTCATACTGTAATCCTCTTGAATTACAGTATGAGTAAGTTGGCGG	Hs.445098	10382	-0.6123875	0.27837437	0.014829265	-0.7617125	0.669253	0.058539882			
DEPDC1	NM_017779_bp2121_R	AGCTAAAAGCCAACTTACTCATACTGTAATCCTCTTGAATTACAGTATGAGTAAGTTGGCGG	Hs.445098	15758	-1.6914125	2.284145	0.116454298	-0.5067875	0.61136789	0.137686368			
DEPDC1	NM_017779_bp717_R	AGCTAAAAGTGGAGTAGTTATACTACAAATCTCTTGAATTTGTAGTATACTACTCCACGG	Hs.445098	5008	-2.2348625	1.69226692	0.020218714	-0.1454375	0.5729149	0.614083494			
DEPDC1	NM_017779_bp717_R	AGCTAAAAGTGGAGTAGTTATACTACAAATCTCTTGAATTTGTAGTATACTACTCCACGG	Hs.445098	10384	-1.7626125	1.52897302	0.033180422	-0.0246875	0.51696607	0.924809887			
DEPDC1	NM_017779_bp717_R	AGCTAAAAGTGGAGTAGTTATACTACAAATCTCTTGAATTTGTAGTATACTACTCCACGG	Hs.445098	15760	-1.5231375	1.81423761	0.085665015	-0.0677875	0.54815454	0.804622497			
BCD14524_bp2123_R	BCD14524_bp2123_R	AGCTAAAAGGACCAGATCTTAGAAGTGATCTCTTGAATCACTTCTAGAATCTGGTCCCGG	Hs.93836	4327	0.263075	0.7596193	0.449370378	-0.5577	0.3981744	0.048484526	-0.0627	0.31336721	0.814852121
BCD14524_bp2123_R	BCD14524_bp2123_R	AGCTAAAAGGGACCAGATCTTAGAAGTGATCTCTTGAATCACTTCTAGAATCTGGTCCCGG	Hs.93836	9703	0.2875	0.66721731	0.364759139	-0.55345	0.3386763	0.03725295	-0.17696667	0.32615405	0.520196735
BCD14524_bp2123_R	BCD14524_bp2123_R	AGCTAAAAGGGACCAGATCTTAGAAGTGATCTCTTGAATCACTTCTAGAATCTGGTCCCGG	Hs.93836	15079	0.91385	0.41445727	0.006729791	-0.9618	0.11711844	0.008048164	0.7109	1.04397245	0.210782244
DGAT2	AK091870_bp1774_R	AGCTAAAAGCCCTGGGAATGTTTGCCAAATCTCTTGAATTTGGCAAACATTCCCAGGGCGG	Hs.334305	4141	-0.5742875	0.40952803	0.037466804				-0.16785	0.15843427	0.407143674
DGAT2	AK091870_bp1774_R	AGCTAAAAGCCCTGGGAATGTTTGCCAAATCTCTTGAATTTGGCAAACATTCCCAGGGCGG	Hs.334305	9517	-0.5513875	0.42232007	0.045450438				-0.152925	0.17461412	0.451852815
DGAT2	AK091870_bp1774_R	AGCTAAAAGCCCTGGGAATGTTTGCCAAATCTCTTGAATTTGGCAAACATTCCCAGGGCGG	Hs.334305	14893	-0.5138875	0.43695142	0.060318623				-0.17125	0.18120545	0.404121353
DGAT2	AK091870_bp629_R	AGCTAAAAGCTGCCTGTCACTGATCAGAATGTGCCTCTCTTGAATCACAGAATGAGACAGGCAGCGG	Hs.334305	4143	0.7752	0.45972854	0.036381494				-0.24485	0.60562148	0.412838939
DGAT2	AK091870_bp629_R	AGCTAAAAGCTGCCTGTCACTGATCAGAATGTGCCTCTCTTGAATCACAGAATGAGACAGGCAGCGG	Hs.334305	9519	0.787133333	0.54070626	0.046275202				-0.019875	0.37154841	0.931657265
DGAT2	AK091870_bp629_R	AGCTAAAAGCTGCCTGTCACTGATCAGAATGTGCCTCTCTTGAATCACAGAATGAGACAGGCAGCGG	Hs.334305	14895	0.7882	0.46100077	0.032760561				-0.016475	0.36520353	0.942899909
DGAT2	AK091870_bp902_R	AGCTAAAAGCTGGCAGAGTGCAATGAAGAATCTCTTGAATCTTCTTTGCACTCTGCCAGCGG	Hs.334305	4145	0.1212625	0.29729042	0.514594518				-0.01175	0.48572373	0.963729981
DGAT2	AK091870_bp902_R	AGCTAAAAGCTGGCAGAGTGCAATGAAGAATCTCTTGAATCTTCTTTGCACTCTGCCAGCGG	Hs.334305	9521	0.1458875	0.30470845	0.442242531				-0.039825	0.50562574	0.879950783
DGAT2	AK091870_bp902_R	AGCTAAAAGCTGGCAGAGTGCAATGAAGAATCTCTTGAATCTTCTTTGCACTCTGCCAGCGG	Hs.334305	14897	-0.0273125	0.23206738	0.869035052				-0.062375	0.28705203	0.772569639
DGKA	NM_201444_bp1488_R	AGCTAAAAGCTTCTGGAAGTTCCAGTATATTCTCTTGAAATATACTGGAACTTCCAGAGCGG	Hs.524488	3652	0.08305	0.34101351	0.671727405				-0.2224625	0.13369177	0.276574852
DGKA	NM_201444_bp1488_R	AGCTAAAAGCTTCTGGAAGTTCCAGTATATTCTCTTGAAATATACTGGAACTTCCAGAGCGG	Hs.524488	9028	0.2205	0.0794402	0.157862209				-0.0740875	0.31026646	0.736742799
DGKA	NM_201444_bp1488_R	AGCTAAAAGCTTCTGGAAGTTCCAGTATATTCTCTTGAAATATACTGGAACTTCCAGAGCGG	Hs.524488	14404	0.4085	0.0723652	0.027131314				-0.0607375	0.37728187	0.794862752
DGKA	NM_201444_bp415_R	AGCTAAAAGATGGCGAGATGGCTAAATATTCTCTTGAAATATTAGCCATCTCGCCATCGG	Hs.524488	3654	-0.139825	1.0030669	0.746224443				-0.432875	1.05107888	0.418313363
DGKA	NM_201444_bp415_R	AGCTAAAAGATGGCGAGATGGCTAAATATTCTCTTGAAATATTAGCCATCTCGCCATCGG	Hs.524488	9030	-0.019166667	0.89503759	0.96416483				-0.02218333	0.771147	0.953224185
DGKA	NM_201444_bp415_R	AGCTAAAAGATGGCGAGATGGCTAAATATTCTCTTGAAATATTAGCCATCTCGCCATCGG	Hs.524488	14406	0.1064	0.90289328	0.805211118				-0.21335		
DGKA	NM_201444_bp779_R	AGCTAAAAGGCCGATTCTTCAGGAGATGATCTCTTGAATCATCTCCTGAAGAATCGGCCGG	Hs.524488	3650	-1.5153	0.37071109	0.000531232				-0.3356875	0.76366805	0.338061228
DGKA	NM_201444_bp779_R	AGCTAAAAGGCCGATTCTTCAGGAGATGATCTCTTGAATCATCTCCTGAAGAATCGGCCGG	Hs.524488	9026	-1.39645	0.20776658	0.000254041				-0.3124625	0.1693696	0.149929132
DGKA	NM_201444_bp779_R	AGCTAAAAGGCCGATTCTTCAGGAGATGATCTCTTGAATCATCTCCTGAAGAATCGGCCGG	Hs.524488	14402	-1.367525	0.3211926	0.000607601				0.0445125	0.9270531	0.908576794
DGKD	NM_152879_bp381_R	AGCTAAAAGCTCATCTTGTGTGCTGATAATCTCTTGAATTATCAGCACACAAGATGAGCGG	Hs.471675	3478	-1.1604	2.27959454	0.000977363				0.0987375	0.52828512	0.715477643
DGKD	NM_152879_bp381_R	AGCTAAAAGCTCATCTTGTGTGCTGATAATCTCTTGAATTATCAGCACACAAGATGAGCGG	Hs.471675	8854	-0.913825	0.34219253	0.004287604				0.0236375	0.784389	0.945022997
DGKD	NM_152879_bp381_R	AGCTAAAAGCTCATCTTGTGTGCTGATAATCTCTTGAATTATCAGCACACAAGATGAGCGG	Hs.471675	14230	-1.2276	0.62294992	0.006409573				-0.0920875	0.45904401	0.716122933
DGKD	NM_152879_bp831_R	AGCTAAAAGGT

nkFPG4uX9R	NM_015459_bp1528_R	AGCTAAAAAGAGGAGAAATCAAGGAATTATCTCTTGAATAATTCCTTGATTTCCTCTCCTCGG	Hs.356719	8714	0.391	0.56737133	0.185120931						0.6093125	0.58096841	0.065742946	1.73965	0.72290631	0.017082519	0.95845	0.59315286	0.048153072		
nkFPG4uX9R	NM_015459_bp1528_R	AGCTAAAAAGAGGAGGAAATCAAGGAATTATCTCTTGAATAATTCCTGATTTCCTCTCCTCGG	Hs.356719	14090	1.24465	0.43986115	0.002084318						0.0042875	0.32764881	0.984636451	1.75225	0.68192019	0.01427416	0.981725	0.6497403	0.05667365		
nkFPG4uX9R	NM_015459_bp920_R	AGCTAAAAAGGAGTTTCCCTTATGAATATATCTCTTGAATATATTCATAAGGGAAACTCCGG	Hs.356719	3340	-0.1713	0.31586534	0.379655648						-0.0512125	0.50402462	0.845868605	0.227425	0.42634463	0.36426929	-0.08365	0.47778046	0.749360211		
DKFZP564J08I	NM_015459_bp920_R	AGCTAAAAAGAGTTTCCCTTATGAATATATCTCTTGAATATATTCATAAGGGAAACTCCGG	Hs.356719	8716	-0.282525	0.25812318	0.144114345						-0.0812625	0.40555778	0.735321921	0.27315	0.45083779	0.312345721	-0.04885	0.45278862	0.843001938		
DKFZP564J08I	NM_015459_bp920_R	AGCTAAAAAGAGTTTCCCTTATGAATATATCTCTTGAATATATTCATAAGGGAAACTCCGG	Hs.356719	14092	-0.078125	0.26671034	0.656547669						0.0148875	0.36575264	0.948498412	0.315125	0.47416777	0.275834189	-0.054825	0.48682171	0.836266155		
DKFZp761P04	XM_291277_bp3269_R	AGCTAAAAAGGGGATGCCCATTTATTACTGTTCTCTCTGAAACAGTAATAAATGGCATCCCCCGG		3800	0.8883	1.42981778	0.178302373						0.15285	0.70291983	0.672697128								
DKFZp761P04	XM_291277_bp3269_R	AGCTAAAAAGGGGATGCCCATTTATTACTGTTCTCTCTGAAACAGTAATAAATGGCATCCCCCGG		9176	0.480925	0.80065262	0.211024687						0.419916667	0.6228387	0.245880834								
DKFZp761P04	XM_291277_bp3269_R	AGCTAAAAAGGGGATGCCCATTTATTACTGTTCTCTCTGAAACAGTAATAAATGGCATCCCCCGG		14552	0.386175	0.59046535	0.200903777						-0.2221125	0.46093474	0.395643431								
DKFZp761P04	XM_291277_bp3382_R	AGCTAAAAAGCCCGTGCACTTTAACATCCATCTCTTGAATGGATGTTAAAGTGCACGGGCGGG		3796	-0.9916	0.26191587	0.001776736						-0.4334375	0.11613782	0.056711817								
DKFZp761P04	XM_291277_bp3382_R	AGCTAAAAAGCCCGTGCACTTTAACATCCATCTCTTGAATGGATGTTAAAGTGCACGGGCGGG		9172	-0.7482	0.24230077	0.005838259						-0.1675375	0.61457043	0.572539175								
DKFZp761P04	XM_291277_bp3382_R	AGCTAAAAAGCCCGTGCACTTTAACATCCATCTCTTGAATGGATGTTAAAGTGCACGGGCGGG		14548	-0.736825	0.3301203	0.009747244						-0.4440375	0.12672194	0.053212108								
DKFZp761P04	XM_291277_bp468_R	AGCTAAAAAGCCTGGAAGATGAAGGTGTGATCTCTTGAATCACACCTTCATCTTCCAGGCGGG		3798	-0.468275	0.11272612	0.018517821						-0.0037125	0.16776226	0.984999116								
DKFZp761P04	XM_291277_bp468_R	AGCTAAAAAGCCTGGAAGATGAAGGTGTGATCTCTTGAATCACACCTTCATCTTCCAGGCGGG		9174	-0.5009	0.08606185	0.013203078						0.1268625	0.43727188	0.611075766								
DKFZp761P04	XM_291277_bp468_R	AGCTAAAAAGCCTGGAAGATGAAGGTGTGATCTCTTGAATCACACCTTCATCTTCCAGGCGGG		14550	-0.4938	0.07709651	0.013624349						-0.1079875	0.19178935	0.594518073								
DMPK	NM_004409_bp407_R	AGCTAAAAAGCCAGGTGTATGCCATGAAGATCTCTTGAATCTTCATGGCATACACCTGGCGGG	Hs.546249	261	1.37685	0.2082642	0.000272627	1.2042	1.10274761	0.086985979													
DMPK	NM_004409_bp407_R	AGCTAAAAAGCCAGGTGTATGCCATGAAGATCTCTTGAATCTTCATGGCATACACCTGGCGGG	Hs.546249	5637	1.5152	0.30799327	0.000341659	1.165633333	1.11506341	0.096058424													
DMPK	NM_004409_bp407_R	AGCTAAAAAGCCAGGTGTATGCCATGAAGATCTCTTGAATCTTCATGGCATACACCTGGCGGG	Hs.546249	11013	1.1527	0.47725524	0.003688705	1.311333333	1.55561459	0.144413016													
DMPK	NM_004409_bp915_R	AGCTAAAAAGCTGGGTGTATTCGCCTATGATCTCTTGAATCATAGGCCGAATACACCCAGCGG	Hs.546249	1788	5.2986			-4.8872															
DMPK	NM_004409_bp915_R	AGCTAAAAAGCTGGGTGTATTCGCCTATGATCTCTTGAATCATAGGCCGAATACACCCAGCGG	Hs.546249	7164	9.0276			-0.2512	7.91634326	0.948860593													
DMPK	NM_004409_bp915_R	AGCTAAAAAGCTGGGTGTATTCGCCTATGATCTCTTGAATCATAGGCCGAATACACCCAGCGG	Hs.546249	12540	8.7216			2.03735	11.7480842	0.729167262													
DMPK	NM_004409_bp988_R	AGCTAAAAAGGCAAGATCGTCCACTACAAGTCTCTTGAACTTGTAGTGGACGATCTTGCCGGG	Hs.546249	262	-0.395575	1.04294715	0.47479813																
DMPK	NM_004409_bp988_R	AGCTAAAAAGGCAAGATCGTCCACTACAAGTCTCTTGAACTTGTAGTGGACGATCTTGCCGGG	Hs.546249	5638	0.264775	1.13141543	0.586757626	-1.280266667	3.27850574	0.431198926													
DMPK	NM_004409_bp988_R	AGCTAAAAAGGCAAGATCGTCCACTACAAGTCTCTTGAACTTGTAGTGGACGATCTTGCCGGG	Hs.546249	11014	-0.1253	1.17534736	0.801432054	-1.497566667	3.85171438	0.432227058													
DNAJA4	NM_018602_bp1013_R	AGCTAAAAAGGCCATGACTTGGATCATGAAATCTCTTGAATTTCATGATCAAGTCATGGCCGG	Hs.513053	3465	0.20495	0.3819595	0.344120787						0.1661875	0.72569933	0.613091373	0.629375	0.33086316	0.031908133	0.61495	0.52904839	0.102639042		
DNAJA4	NM_018602_bp1013_R	AGCTAAAAAGGCCATGACTTGGATCATGAAATCTCTTGAATTTCATGATCAAGTCATGGCCGG	Hs.513053	8841	0.4473	0.67328271	0.184310746						0.3608375	0.21983884	0.11447644	0.51565	0.3391083	0.055813866	0.7583	0.57491141	0.077791113		
DNAJA4	NM_018602_bp1013_R	AGCTAAAAAGGCCATGACTTGGATCATGAAATCTCTTGAATTTCATGATCAAGTCATGGCCGG	Hs.513053	14217	0.321275	0.51348764	0.233003264						0.2112875	0.65703383	0.497013307	0.6219	0.27371775	0.019959796	0.780325	0.44826248	0.040010265		
DNAJA4	NM_018602_bp371_R	AGCTAAAAAGCGAGAAGTTTAAACTCATATCTCTTGAATATGAGTTTAAACTTCTCGCCGG	Hs.513053	3467	-1.152675	0.57998138	0.006636993						-0.2319625	0.21699915	0.279859217	0.503825	0.52780123	0.152253779	0.80605	0.52771637	0.055216052		
DNAJA4	NM_018602_bp371_R	AGCTAAAAAGCGAGAAGTTTAAACTCATATCTCTTGAATATGAGTTTAAACTTCTCGCCGG	Hs.513053	8843	-1.08405	0.60540567	0.00972922						0.2523625	0.56337971	0.381349605	0.4487	0.54122045	0.195876672	0.680725	0.63537424	0.12153653		
DNAJA4	NM_018602_bp371_R	AGCTAAAAAGCGAGAAGTTTAAACTCATATCTCTTGAATATGAGTTTAAACTTCTCGCCGG	Hs.513053	14219	-1.158425	0.66684316	0.010009942						0.3086875	0.48651835	0.25936568	0.520175	0.52473394	0.141695551	0.86245	0.52659904	0.046581809		
DNAJA4	NM_018602_bp452_R	AGCTAAAAAGAGCAGGCAATTAAAGAAGGATCTCTTGAATCCTTCTTTAATTGCCTGCTCGG	Hs.513053	14221	-0.53275	0.49450142	0.068927615						0.000166667	0.18012044	0.999464981	0.1803	0.62311323	0.603373828	0.578625	0.66403387	0.179734593		
DNAJA4	NM_018602_bp452_R	AGCTAAAAAGAGCAGGCAATTAAAGAAGGATCTCTTGAATCCTTCTTTAATTGCCTGCTCGG	Hs.513053	3469	-0.750675	0.32462056	0.008720386						0.280883333	0.58564845	0.407112813	0.00895	0.63957595	0.979429975	0.41575	0.70529212	0.323409402		
DNAJA4	NM_018602_bp452_R	AGCTAAAAAGAGCAGGCAATTAAAGAAGGATCTCTTGAATCCTTCTTTAATTGCCTGCTCGG	Hs.513053	8845	-0.632125	0.36368848	0.021173463						0.3461			0.1973	0.56459638	0.534921296	0.56575	0.64640509	0.178344384		
DNAJC12	NM_021800_bp10_R	AGCTAAAAAGGATGACATCTGGTGTATTGATCTCTTGAATCAATACACCAGATGTCATCCGG	Hs.260720	3561	0.075825	0.19670755	0.634714634						0.1698375	0.69963425	0.59694058								
DNAJC12	NM_021800_bp10_R	AGCTAAAAAGGATGACATCTGGTGTATTGATCTCTTGAATCAATACACCAGATGTCATCCGG	Hs.260720	8937	0.2448	0.41518237	0.288220302						0.6288875	0.48417974	0.043547443								
DNAJC12	NM_021800_bp10_R	AGCTAAAAAGGATGACATCTGGTGTATTGATCTCTTGAATCAATACACCAGATGTCATCCGG	Hs.260720	14313	0.3182	0.42455422	0.188180232						0.4558	0.56325121	0.194908731								
DNAJC12	NM_021800_bp496_R	AGCTAAAAAGACCTGATGCTGGAAGAATCTTCTCTTGAAAGATTCTTCCAGCATCAGGTCGG	Hs.260720	14309	-0.1353	0.06655608	0.351774599						-0.2332625	0.43459729	0.360682253								
DNAJC12	NM_021800_bp496_R	AGCTAAAAAGACCTGATGCTGGAAGAATCTTCTCTTGAAAGATTCTTCCAGCATCAGGTCGG	Hs.260720	3557	-0.37485	0.05006316	0.211033183						-0.8503										
DNAJC12	NM_021800_bp496_R	AGCTAAAAAGACCTGATGCTGGAAGAATCTTCTCTTGAAAGATTCTTCCAGCATCAGGTCGG	Hs.260720	8933	-0.253366667	0.12260062	0.219252165						-0.9229										
DNAJC12	NM_021800_bp72_R	AGCTAAAAAGCTGCTCTAATTCAGATTTAATCTCTTGAATTAAATCTGAATTAGAGACAGCGG	Hs.260720	3559	-1.122733333	0.2711117	0.004831492						-0.8189375	0.69829282	0.035410452								
DNAJC12	NM_021800_bp72_R	AGCTAAAAAGCTGCTCTAATTCAGATTTAATCTCTTGAATTAAATCTGAATTAGAGACAGCGG	Hs.260720	8935	-1.195233333	0.32877039	0.004981382						-0.8332125	0.6264201	0.025783536								
DNAJC12	NM_021800_bp72_R	AGCTAAAAAGCTGCTCTAATTCAGATTTAATCTCTTGAATTAAATCTGAATTAGAGACAGCGG	Hs.260720	14311	-1.057366667	0.17139922	0.004221266						-0.8291625	0.633287	0.026936689								
DNMBP	AL833283_bp1616_R	AGCTAAAAGCACCACACGTCCAGTGTTTATCTCTTGAATAAACACTGGACGTGTGGTGCGGG	Hs.500771	4114	0.6282125	0.22636911	0.010028039						-0.2618	0.35009652	0.274538807								
DNMBP	AL833283_bp1616_R	AGCTAAAAGCACCACACGTCCAGTGTTTATCTCTTGAATAAACACTGGACGTGTGGTGCGGG	Hs.500771	9490	0.2675625	0.36688006	0.221982585						-0.2069	0.30187124	0.35989292								
DNMBP	AL833283_bp1616_R	AGCTAAAAGCACCACACGTCCAGTGTTTATCTCTTGAATAAACACTGGACGTGTGGTGCGGG	Hs.500771	14866	0.4332375	0.37362523	0.075585092						-0.09575	0.27878341	0.656716549								
DNMBP	AL833283_bp2195_R	AGCTAAAAAGGAGCGGGACTTGGATATGTATCTCTTGAATACATATCCAAGTCCCGCTCCCGG	Hs.500771	4118	0.4830875	0.21602544	0.02562004						0.360175	0.19290437	0.109745691								
DNMBP	AL833283_bp2195_R	AGCTAAAAAGGAGCGGGACTTGGATATGTATCTCTTGAATACATATCCAAGTCCCGCTCCCGG	Hs.500771	9494	0.5256625	0.19265194	0.016793275						0.408225	0.10870855	0.067854385								
DNMBP	AL833283_bp2195_R	AGCTAAAAAGGAGCGGGACTTGGATATGTATCTCTTGAATACATATCCAAGTCCCGCTCCCGG	Hs.500771	14870	0.5435875	0.2077044	0.015946372						0.445775	0.11727504	0.05181917								
DNMBP	AL833283_bp4255_R	AGCTAAAAAGCAGCATGGCTGATCCTTTATCTCTTGAATAAAGGATACAGCCATGCTGCGG	Hs.500771	4116	-0.3614125	0.19580014	0.060579407						-0.2885	0.27035067	0.20559193								
DNMBP	AL833283_bp4255_R	AGCTAAAAAGCAGCATGGCTGATCCTTTATCTCTTGAATAAAGGATACAGCCATGCTGCGG	Hs.500771	9492	-0.3171875	0.2003127	0.089113584						-0.252725	0.22899656	0.246788624								
DNMBP	AL833283_bp4255_R	AGCTAAAAAGCAGCATGGCTGATCCTTTATCTCTTGAATAAAGGATACAGCCATGCTGCGG	Hs.500771	14868	-0.3361625	0.04477468	0.04950418						-0.21155	0.35161114	0.369547574								
DNMT1	NM_001379_bp1676_R	AGCTAAAAAGCACCTCATTTGCCGAATACATCTCTTGAATGTATTCGGCAAATGAGGTGCGG	Hs.202672	1172	-0.1220625	0.62043485	0.58248910						0.67545	1.00360079	0.135856368								
DNMT1	NM_001379_bp1676_R	AGCTAAAAAGCACCTCATTTGCCGAATACATCTCTTGAATGTATTCGGCAAATGAGGTGCGG	Hs.202672	6548	-0.3769625	0.43747414	0.107782751						0.63005	0.87275186	0.123285399								
DNMT1	NM_001379_bp1676_R	AGCTAAAAAGCACCTCATTTGCCGAATACATCTCTTGAATGTATTCGGCAAATGAGGTGCGG	Hs.202672	11924	-0.2651125	0.59454273	0.302400996						0.41535	0.8777106	0.283584859								
DNMT1	NM_001379_bp3069_R	AGCTAAAAGGCCTTACGTTCAACATCAATCTCTTGAATTGATGTTGAACGTGAAGGCCGGG	Hs.202672	1173	-0.5005875	0.15367029	0.012905229						0.655975	0.78359961	0.089813201								
DNMT1	NM_001379_bp3069_R	AGCTAAAAGGCCTTACGTTCAACATCAATCTCTTGAATTGATGTTGAACGTGAAGGCCGGG	Hs.202672	6549	-0.5657375	0.11319637	0.006914805						0.650075	0.75700457	0.086075822								
DNMT1	NM_001379_bp3069_R	AGCTAAAAGGCCTTACGTTCAACATCAATCTCTTGAATTGATGTTGAACGTGAAGGCCGGG	Hs.202672	11925	-0.5083125	0.12175014	0.010706391						0.70275	0.75321266	0.067711474								
DNMT1	NM_001379_bp3948_R	AGCTAAAAGCGCACCTACTCCAAGTTCAATCTCTTGAATTGAACTTGGAGTAGGTGCGCGGG	Hs.202672	2453	0.5443875	0.25209395	0.026068314						0.20655	0.25044959	0.333442362								
DNMT1	NM_001379_bp3948_R	AGCTAAAAGCGCACCTACTCCAAGTTCAATCTCTTGAATTGAACTTGGAGTAGGTGCGCGGG	Hs.202672	7829	0.5499125	0.26249426	0.026519162						0.223775	0.20445466	0.284106983								
DNMT1	NM_001379_bp3948_R	AGCTAAAAGCGCACCTACTCCAAGTTCAATCTCTTGAATTGAACTTGGAGTAGGTGCGCGGG	Hs.202672	13205	0.5176125	0.40377944	0.064402327						0.40905	0.12523337	0.066997731								
DNMT2	NM_00441_bp1183_R	AGCTAAAAGTGCATGTAGTAGCTAAACTATCTCTTGAATAGTTTAGCTACTACATGCACGG	Hs.584754	1170	0.6437875	0.64245933	0.08285743						-0.328925	0.35382333	0.184578076								
DNMT2	NM_00441_bp1183_R	AGCTAAAAGTGCATGTAGTAGCTAAACTATCTCTTGAATAGTTTAGCTACTACATGCACGG	Hs.584754	6546	0.6180375	0.7198727	0.117338702						-0.369125	0.40968363	0.160905968								
DNMT2	NM_00441_bp1183_R	AGCTAAAAGTGCATGTAGTAGCTAAACTATCTCTTGAATAGTTTAGCTACTACATGCACGG	Hs.584754	11922	0.5862125	0.69138384	0.12417604						-0.3352	0.40419048	0.195046666								
DNMT2	NM_00441_bp341_R	AGCTAAAAGCTTCTTACATATTCTAGATATCTCTTGAATATCTGAAATATGTAAGAAGCGG	Hs.584754	1169	-0.8304375	0.37948633	0.006612395						-0.390125	0.57651914	0.203356239								
DNMT2	NM_00441_bp341_R	AGCTAAAAGCTTCTTACATATTCTAGATATCTCTTGAATATCTGAAATATGTAAGAAGCGG	Hs.584754	6545	-1.0302875	0.33466056	0.002024856						-0.592	0.58117295	0.073111386								
DNMT2	NM_00441_bp341_R	AGCTAAAAGCTTCTTACATATTCTAGATATCTCTTGAATATCTAGAATATGTAAGAAGCGG	Hs.584754	11921	-1.0285375	0.3028315	0.001649066						-0.574225	0.53432032	0.069775521								
DNMT2	NM_00441_bp439_R	AGCTAAAAGACCTCTTGATACAAACAATATCTCTTGAATATTGTTTGTATCAAGAGGTCGG	Hs.584754	1171	0.1733875	0.30570034	0.471884082						1.719275	0.98003758	0.004154693								
DNMT2	NM_00441_bp439_R	AGCTAAAAGACCTCTTGATACAAACAATATCTCTTGAATATTGTTTGTATCAAGAGGTCGG	Hs.584754	6547	-0.0008125	0.37127103	0.849446346						1.796925	0.77678228	0.001419509								
DNMT2	NM_00441_bp439_R	AGCTAAAAGACCTCTTGATACAAACAATATCTCTTGAATATTGTTTGTATCAAGAGGTCGG	Hs.584754	11923	0.1609875	0.28979357	0.501736164						1.7565	1.0208919	0.004378479								
DNMT3A	NM_175629_bp2636_R	AGCTAAAAGGGGACATCTCGCGATTTCTTTCTCTTGAAAGAAATCGCGAGATGTCCCTCGG	Hs.515840	1167	0.2897125	0.65893846	0.416472026						-0.328925	0.66896529	0.31542884								
DNMT3A	NM_175629_bp2636_R	AGCTAAAAGGGGACATCTCGCGATTTCTTTCTCTTGAAAGAAATCGCGAGATGTCCCTCGG	Hs.515840	6543	0.2797125	0.68746891	0.448605934						-0.387925	0.64503824	0.234887133								
DNMT3A	NM_175629_bp2636_R	AGCTAAAAGGGGACATCTCGCGATTTCTTTCTCTTGAAAGAAATCGCGAGATGTCCCTCGG	Hs.515840	11919	0.3073625	0.6623668	0.388765126						-0.317	0.63562971	0.319285087								
DNMT3A	NM_175629_bp2830_R	AGCTAAAAGGACCATTACTACGAGGTCAATCTCTTGAATTGACCTCGTAGTAATGGTCCGG	Hs.515840	2451	-0.4525833	0.44494304	0.117938969						0.457975	0.69305036	0.1758043								
DNMT3A	NM_175629_bp2830_R	AGCTAAAAGGACCATTACTACGAGGTCAATCTCTTGAATTGACCTCGTAGTAATGGTCCGG	Hs.515840	7827	-0.4594625	0.48315667	0.080215019						0.30435	0.63608161	0.322256757								
DNMT3A	NM_175629_bp2830_R	AGCTAAAAGGACCATTACTACGAGGTCAATCTCTTGAATTGACCTCGTAGTAATGGTCCGG	Hs.515840	13203	-0.4525125	0.46812745	0.078519359						0.40725	0.67526353	0.215138956								
DNMT3A	NM_175629_bp917_R	AGCTAAAAGGGACCCCTACTACATCCAATCTCTTGAATTGCTGATGTAGTAGGGGTCCGG	Hs.515840	1168	0.8895875	0.48639368	0.013487036						0.2534	0.64228393	0.405013144								
DNMT3A	NM_175629_bp917_R	AGCTAAAAGGACCCCTACTACATCCAGCAATCTCTTGAATTGCTGATGTAGTAGGGGTCCGG	Hs.515840	6544	0.9137375	0.41736036	0.008116052						0.24575	0.58742543	0.395105693								
DNMT3A	NM_175629_bp917_R	AGCTAAAAGGACCCCTACTACATCCAGCAATCTCTTGAATTGCTGATGTAGTAGGGGTCCGG	Hs.515840	11920	0.8605875	0.39949368	0.009438789						0.2716	0.64156367	0.374263573								
DNMT3B	NM_006892_bp2203_R	AGCTAAAAGTGAGGAACATCACAAAGAAATCTCTTGAATTTCTTTGTTGATGTTCCTCACGG	Hs.570374	2449	0.9077125	1.18726001	0.128223899						-0.79373333	0.68053362	0.065233233								
DNMT3B	NM_006892_bp2203_R	AGCTAAAAGTGAGGAACATCACAAAGAAATCTCTTGAATTTCTTTGTTGATGTTCCTCACGG	Hs.570374	7825	0.8867875	1.10313836	0.115638506						-0.81163333	0.68156039	0.061194391								
DNMT3B	NM_006892_bp2203_R	AGCTAAAAGTGAGGAACATCACAAAGAAATCTCTTGAATTTCTTTGTTGATGTTCCTCACGG	Hs.570374	13201	0.8980625	1.15679739	0.124403689						-0.8609	0.55533086	0.018078584								
DNMT3B	NM_006892_bp2589_R	AGCTAAAAGCAGGACTGCTTGGAATACAATCTCTTGAATTGTATTCCAAGCAGTCTGCCGG	Hs.570374	1166	1.3350875	0.19911958	0.000336863						-0.520425	0.13154402	0.031978205								
DNMT3B	NM_006892_bp2589_R	AGCTAAAAGCAGGACTGCTTGGAATACAATCTCTTGAATTGTATTCCAAGCAGTCTGCCGG	Hs.570374	6542	1.2830125	0.1493352	0.000307842						-0.558925	0.1506236	0.025132652								
DNMT3B	NM_006892_bp2589_R	AGCTAAAAGCAGGACTGCTTGGAATACAATCTCTTGAATTGTATTCCAAGCAGTCTGCCGG	Hs.570374	11918	1.2509125	0.19551067	0.000452243						-0.537425	0.14613814	0.02897605								
DNMT3L	NM_013369_bp1145_R	AGCTAAAAGTGGTTGATGTCACAGACACATCTCTTGAATGTGTCTGTGACATCAACCACGG	Hs.592165	13175																			
DNMT3L	NM_013369_bp1492_R	AGCTAAAAGGCTCTGGTTTCGGAAGAAGATCTCTTGAATCTTCTTCCGAAACCAGAGCCGG	Hs.592165	1165	0.6983625	0.61357191	0.058069338						0.0459	0.39251549	0.83506295								
DNMT3L	NM_013369_bp1492_R	AGCTAAAAGGCTCTGGTTTCGGAAGAAGATCTCTTGAATCTTCTTCCGAAACCAGAGCCGG	Hs.592165	6541	0.7269833333	0.7882426	0.128489405						0.01885	0.42596872	0.926673324								
DNMT3L	NM_013369_bp1492_R	AGCTAAAAGGCTCTGGTTTCGGAAGAAGATCTCTTGAATCTTCTTCCGAAACCAGAGCCGG	Hs.592165	11917	0.731583333	0.79439685	0.128339609						0.038525	0.44731262	0.866311747								
DNMT3L	NM_013369_bp584_R	AGCTAAAAGGCAGAGATCTTATTGCATATTCTCTTGAAATATGCAATAAGATCTCTGCCGG	Hs.592165	2421	-0.50695	0.20845925	0.044362699						0.222833333	1.05506076	0.63104805								
DNMT3L	NM_013369_bp584_R	AGCTAAAAGGCAGAGATCTTATTGCATATTCTCTTGAATATGCAATAAGATCTCTGCCGG	Hs.592165	7797	-0.3082875	0.50877888	0.199986209						-0.059825	0.50116449	0.830196398								
DNMT3L	NM_013369_bp584_R	AGCTAAAAGGCAGAGATCTTATTGCATATTCTCTTGAATATGCAATAAGATCTCTGCCGG	Hs.592165	13173	-0.2213125	0.50441089	0.316979878						-0.116425	0.42273079	0.644926987								
DNTTIP1	BF972072_bp1275_R	AGCTAAAAGAGGCAGACTGGAGGTTGATCTCTTGAATCTAACCTCCAGTCTGCCTCCGG	Hs.472852	4399	-0.3204	0.80195248	0.383945823	-0.511625	0.14334856	0.018443751	0.387933333	0.30265146	0.184096692										
DNTTIP1	BF972072_bp1275_R	AGCTAAAAGAGGCAGACTGGAGGTTGATCTCTTGAATCTAACCTCCAGTCTGCCTCCGG	Hs.472852	15151	-0.072566667	0.84121367	0.858266042	-0.506333333	0.25910219	0.076473025	0.81865	0.34287608	0.068547632										
DNTTIP1	BF972072_bp1275_R	AGCTAAAAGAGGCAGACTGGAGGTTGATCTCTTGAATCTAACCTCCAGTCTGCCTCCGG	Hs.472852	9775	0.45525	0.32420846	0.190238002	-0.0638			0.70985	0.14644181	0.085901318										
DNTTIP1	BF972072_bp302_R	AGCTAAAAGCACTGCACGTGCGAGACAATTCTCTTGAAATTGTCTCGCACGTTCAGTGCGG	Hs.472852	4395	-0.4365	1.04107491	0.340909944	0.638375	0.36354584	0.026582256	-1.1134												
DNTTIP1	BF972072_bp302_R	AGCTAAAAGCACTGCACGTGCGAGACAATTCTCTTGAAATTGTCTCGCACGTTCAGTGCGG	Hs.472852	9771	-0.521125	0.8412442	0.196563502	0.58535	0.32118336	0.028406728	-1.2361												
DNTTIP1	BF972072_bp302_R	AGCTAAAAGCACTGCACGTGCGAGACAATTCTCTTGAAATTGTCTCGCACGTTCAGTGCGG	Hs.472852	15147	-0.40135	1.03330278	0.382998338	0.55685	0.31419203	0.03226553	-0.7589												
DNTTIP1	BF972072_bp621_R	AGCTAAAAGTCGCTGAATGATCACACACTCTCTTGAAGTGTAGATTCATTCAGCGAACGCG	Hs.472852	4397	-0.57935	0.54439524	0.065808262	-0.21945	0.22027823	0.227948995	1.0022	0.88401946	0.050262066										
DNTTIP1	BF972072_bp621_R	AGCTAAAAGTCGCTGAATGATCACACACTCTCTTGAAGTGTAGATTCATTCAGCGAACGCG	Hs.472852	9773	-0.501425	0.52473884	0.091428865	-0.2485	0.18423291	0.163573728	0.9309	0.78192031	0.049595407										
DNTTIP1	BF972072_bp621_R	AGCTAAAAGTCGCTGAATGATCACACACTCTCTTGAAGTGTAGATTCATTCAGCGAACGCG	Hs.472852	15149	-0.395625	0.27874662	0.065401858	-0.260875	0.3065834	0.212756361	1.003333333	0.80967677	0.041680341										
DPF2	NM_006268_bp162_R	AGCTAAAAAGAGCAATTGTTACATCTGGATTCTCTTGAATCCAGATGTAACAATTGCTCGG	Hs.13495	2634	0.295325	0.70248076	-0.30907367				-0.1879125	0.8329387	0.688841832										
DPF2	NM_006268_bp162_R	AGCTAAAAGAGCAATTGTTACATCTGGATTCTCTTGAATCCAGATGTAACAATTGCTCGG	Hs.13495	8010	0.341425	0.70638654	0.257871261				-0.1862375	0.696547	0.655024527										
DPF2	NM_006268_bp162_R	AGCTAAAAGAGCAATTGTTACATCTGGATTCTCTTGAATCCAGATGTAACAATTGCTCGG	Hs.13495	13386	0.28565	0.6739264	0.306976306				-0.1269625	0.58173198	0.768625205										
DPF2	NM_006268_bp633_R	AGCTAAAAAGCCCTATGCCTGTGACATTTGTCTCTTGAACAAATGTACAGGCATAGGGCGG	Hs.13495	2632	-0.308925	0.82965336	0.494063643			

DUSP1	NM_004417_bp733_R	AGCTAAAAGTTCCTGCAGTACCCACTCTTCTCTTGAAAGAGTGGGGTACTGCAGGAACGG	Hs.171695	7795	3.512683333	1.45706506	0.004814963					0.93975	1.11772369	0.127990992				
DUSP1	NM_004417_bp733_R	AGCTAAAAGTTCCTGCAGTACCCACTCTTCTCTTGAAAGAGTGGGGTACTGCAGGAACGG	Hs.171695	13171	2.6777375	1.72135426	0.011480873					0.509375	0.68582315	0.139296194				
DUSP15	AK091960_bp1611_R	AGCTAAAAGCCTGGAGGGTATTAAAGAGATCTCTTGAATCTCTTTAATACCCTCCAGGCGG	Hs.585017	4177	0.320966667	0.28476377	0.189182913					-0.3445	0.24056917	0.133353465				
DUSP15	AK091960_bp1611_R	AGCTAAAAGCCTGGAGGGTATTAAAGAGATCTCTTGAATCTCTTTAATACCCTCCAGGCGG	Hs.585017	9553	0.305866667	0.45898937	0.289130916					-0.371925	0.14675652	0.093683094				
DUSP15	AK091960_bp1611_R	AGCTAAAAGCCTGGAGGGTATTAAAGAGATCTCTTGAATCTCTTTAATACCCTCCAGGCGG	Hs.585017	14929	0.0109	0.18087792	0.96757361					-0.33625	0.24234172	0.141696581				
DUSP15	AK091960_bp408_R	AGCTAAAAGTTCCCTCGGTTGGTTAACTGTCTCTTGAACAGTTAACCAACCGAGGGAACGG	Hs.585017	4181	-0.041233333	2.25529204	0.844130043					-0.17175	0.25124625	0.424265556				
DUSP15	AK091960_bp408_R	AGCTAAAAGTTCCCTCGGTTGGTTAACTGTCTCTTGAACAGTTAACCAACCGAGGGAACGG	Hs.585017	9557	-0.2971							-0.150425	0.21046989	0.468716663				
DUSP15	AK091960_bp408_R	AGCTAAAAGTTCCCTCGGTTGGTTAACTGTCTCTTGAACAGTTAACCAACCGAGGGAACGG	Hs.585017	14933	-0.38035	0.01477853	0.20487283					-0.260025	0.1947545	0.225207956				
DUSP15	AK091960_bp638_R	AGCTAAAAAGGACTCTACCTCGGAAACTTCTCTCTTGAAGAAGTTTCCGAGGTAGAGTCCGG	Hs.585017	4179	0.0133625	0.26185714	0.938306734					0.2537	0.05667527	0.210447321				
DUSP15	AK091960_bp638_R	AGCTAAAAAGGACTCTACCTCGGAAACTTCTCTCTTGAAGAAGTTTCCGAGGTAGAGTCCGG	Hs.585017	9555	-0.050715	0.35790579	0.799568967					0.18165	0.038439	0.352960457				
DUSP15	AK091960_bp638_R	AGCTAAAAAGGACTCTACCTCGGAAACTTCTCTCTTGAAGAAGTTTCCGAGGTAGAGTCCGG	Hs.585017	14931	-0.0314125	0.32488386	0.868502795					0.16715	0.04376136	0.390438269				
DUSP5	NM_004419_bp1074_R	AGCTAAAAGGCCTTCGATTACATCAAGCATCTCTTGAATGCTTGATGTAATCGAAGGCCGG	Hs.2128	2442	0.642875	0.71598097	0.164231647					-1.6291375	0.38809781	0.000394778				
DUSP5	NM_004419_bp1074_R	AGCTAAAAGGCCTTCGATTACATCAAGCATCTCTTGAATGCTTGATGTAATCGAAGGCCGG	Hs.2128	7818	0.33315	0.34079875	0.088464398					-1.6463125	0.36685807	0.000333831				
DUSP5	NM_004419_bp1074_R	AGCTAAAAGGCCTTCGATTACATCAAGCATCTCTTGAATGCTTGATGTAATCGAAGGCCGG	Hs.2128	13194	0.09575	0.38761944	0.4774187					-1.5754875	0.38189443	0.000461161				
DUSP5	NM_004419_bp1137_R	AGCTAAAAGCTCCTGCAGTACGAATCTGATCTCTTGAATCAGATTCGTACTGCAGGAGCGG	Hs.2128	2444	-0.051675	0.34713717	0.980260487					-0.1876875	0.5426007	0.597931469				
DUSP5	NM_004419_bp1137_R	AGCTAAAAGCTCCTGCAGTACGAATCTGATCTCTTGAATCAGATTCGTACTGCAGGAGCGG	Hs.2128	7820	0.0536	0.52074002	0.67008005					-0.454287	0.13628063	0.067970066				
DUSP5	NM_004419_bp1137_R	AGCTAAAAGCTCCTGCAGTACGAATCTGATCTCTTGAATCAGATTCGTACTGCAGGAGCGG	Hs.2128	13196	0.063	0.345138	0.55597025					-0.5300125	0.31254072	0.060828388				
DUSP5	NM_004419_bp926_R	AGCTAAAAAGCTCCCCACTTTCAAGAAGCAATCTCTTGAATTGCTTCTTGAAAGTGGGAGCGG	Hs.2128	2440	-0.7192	0.28570392	0.011316029					-0.2227875	0.39022814	0.456866749				
DUSP5	NM_004419_bp926_R	AGCTAAAAAGCTCCCCACTTTCAAGAAGCAATCTCTTGAATTGCTTCTTGAAAGTGGGAGCGG	Hs.2128	7816	-0.8475	0.07391388	0.002043139					0.1882375	0.58140425	0.427027828				
DUSP5	NM_004419_bp926_R	AGCTAAAAGCTCCCCACTTTCAAGAAGCAATCTCTTGAATTGCTTCTTGAAAGTGGGAGCGG	Hs.2128	13192	-0.741925	0.31319634	0.012039475					-0.3375625	0.51640612	0.292975876				
DYNLRB1	NM_031483_bp1722_R	AGCTAAAAAGAGGATTCCTTTCAACAGATATCTCTTGAATATCTGTTGAAAGGAATCCTCGG	Hs.531876	3701	-0.642966667	0.31372232	0.037515192					-0.4475625	0.34681535	0.084541864				
DYNLRB1	NM_031483_bp1722_R	AGCTAAAAAGAGGATTCCTTTCAACAGATATCTCTTGAATATCTGTTGAAAGGAATCCTCGG	Hs.531876	9077	-0.457175	0.28719727	0.043579455					0.2177375	0.51649737	0.426450299				
DYNLRB1	NM_031483_bp1722_R	AGCTAAAAAGAGGATTCCTTTCAACAGATATCTCTTGAATATCTGTTGAAAGGAATCCTCGG	Hs.531876	14453	-0.834625	0.19324059	0.002506664					-0.3172875	0.27421738	0.170599078				
DYNLRB1	NM_031483_bp2485_R	AGCTAAAAAGCAGTTTGTTAAAGAAATTGTCTCTTGAACAATTCTTTAACAAACTGCCGG	Hs.531876	3699	-0.527633333	0.10172753	0.037159874					0.02505	0.1430477	0.9403383				
DYNLRB1	NM_031483_bp2485_R	AGCTAAAAAGCAGTTTGTTAAAGAAATTGTCTCTTGAACAATTCTTTAACAAACTGCCGG	Hs.531876	9075	-0.535466667	0.12661546	0.037267562					-0.0135	0.1873833	0.968103575				
DYNLRB1	NM_031483_bp2485_R	AGCTAAAAAGCAGTTTGTTAAAGAAATTGTCTCTTGAACAATTCTTTAACAAACTGCCGG	Hs.531876	14451	-0.163333333	0.64252151	0.626535338					-0.05725	0.34429029	0.871824186				
DYNLRB1	NM_031483_bp946_R	AGCTAAAAAGAGCAACATCTGGATTAATAATATCTCTTGAATTATTAATCCAGATGTTGCTCGG	Hs.531876	3697	-0.024775	0.33805301	0.898063316					0.4619375	0.4394142	0.098635363				
DYNLRB1	NM_031483_bp946_R	AGCTAAAAAGAGCAACATCTGGATTAATAATATCTCTTGAATTATTAATCCAGATGTTGCTCGG	Hs.531876	9073	0.126833333	0.36372542	0.60012417					0.3755875	0.44046544	0.163968882				
DYNLRB1	NM_031483_bp946_R	AGCTAAAAAGAGCAACATCTGGATTAATAATATCTCTTGAATTATTAATCCAGATGTTGCTCGG	Hs.531876	14449	-0.052725	0.53104484	0.836564327					0.4484625	0.41744221	0.1009454				
DYRK1A	NM_130436_bp1812_R	AGCTAAAAGGGAGCGATTCTAGTCATAATCTCTTGAATATGACTAGAATCGTCTCCCGG	Hs.368240	7461	1.21405	0.82216049	0.016522322	1.29795	0.88056008	0.083760725								
DYRK1A	NM_130436_bp1812_R	AGCTAAAAGGGAGCGATTCTAGTCATAATCTCTTGAATATGACTAGAATCGTCTCCCGG	Hs.368240	12837	1.38875	1.2260854	0.036718495	0.8654										
DYRK1A	NM_130436_bp1812_R	AGCTAAAAGGGAGCGATTCTAGTCATAATCTCTTGAATATGACTAGAATCGTCTCCCGG	Hs.368240	2085														
DYRK1A	NM_130436_bp2209_R	AGCTAAAAGGGGTCTCTTTGAACCTAACATCTCTTGAATGTTAGGTTCAAAGAGACCCCGG	Hs.368240	623	0.3378	0.40979808	0.15935572	-0.28155	0.54791103	0.330593402								
DYRK1A	NM_130436_bp2209_R	AGCTAAAAGGGGTCTCTTTGAACCTAACATCTCTTGAATGTTAGGTTCAAAGAGACCCCGG	Hs.368240	5999	0.399075	0.34837792	0.085463495	-0.09095	0.57935735	0.75091019								
DYRK1A	NM_130436_bp2209_R	AGCTAAAAGGGGTCTCTTTGAACCTAACATCTCTTGAATGTTAGGTTCAAAGAGACCCCGG	Hs.368240	11375	0.3151	0.30382722	0.130992804	-0.04285	0.45257396	0.85750262								
DYRK1A	NM_130436_bp2388_R	AGCTAAAAGCAGAGGATATACCAGTATATTCTCTTGAAATATACTGGTATATCCTCTGCGG	Hs.368240	12839				1.1094										
DYRK1A	NM_130436_bp2388_R	AGCTAAAAGCAGAGGATATACCAGTATATTCTCTTGAAATATACTGGTATATCCTCTGCGG	Hs.368240	7463														
DYRK1A	NM_130436_bp2388_R	AGCTAAAAGCAGAGGATATACCAGTATATTCTCTTGAAATATACTGGTATATCCTCTGCGG	Hs.368240	2087														
DYRK1B	NM_004714_bp1079_R	AGCTAAAAGGCCAGAGGATCTACCAGTATTTCTCTTGAAATACTGGTAGATCCTCTGGCCGG	Hs.130988	1888	-0.05285	0.73200818	0.871783917	1.592166667	1.1371209	0.045898561								
DYRK1B	NM_004714_bp1079_R	AGCTAAAAGGCCAGAGGATCTACCAGTATTTCTCTTGAAATACTGGTAGATCCTCTGGCCGG	Hs.130988	7264	0.005475	0.56772922	0.983684971	1.355366667	0.98437906	0.050253801								
DYRK1B	NM_004714_bp1079_R	AGCTAAAAGGCCAGAGGATCTACCAGTATTTCTCTTGAAATACTGGTAGATCCTCTGGCCGG	Hs.130988	12640	-0.020025	0.47870963	0.932780231	1.418633333	0.87171263	0.033379495								
DYRK1B	NM_004714_bp601_R	AGCTAAAAGCTGGAGCGCTACGAAATTGATCTCTTGAATCAATTTCGTAGCGCTCCAGCGG	Hs.130988	5702	-0.094175	3.77296851	0.951216754	0.806233333	6.63561368	0.796761189								
DYRK1B	NM_004714_bp601_R	AGCTAAAAGCTGGAGCGCTACGAAATTGATCTCTTGAATCAATTTCGTAGCGCTCCAGCGG	Hs.130988	11078	0.33925	4.8144191	0.862864062	1.355933333	7.82451658	0.714729003								
DYRK1B	NM_004714_bp601_R	AGCTAAAAGCTGGAGCGCTACGAAATTGATCTCTTGAATCAATTTCGTAGCGCTCCAGCGG	Hs.130988	326	1.056													
DYRK1B	NM_004714_bp776_R	AGCTAAAAGACACGGAGATGAAGTACATTTCTCTTGAATAGTACTTTCATCTCCGTGTCGG	Hs.130988	327	0.7294	0.63282578	0.046090234	0.7936	1.04720216	0.188894279								
DYRK1B	NM_004714_bp776_R	AGCTAAAAGACACGGAGATGAAGTACATTTCTCTTGAATAGTACTTTCATCTCCGTGTCGG	Hs.130988	5703	0.5549	0.58439483	0.086094357	0.7781	1.0981411	0.210503886								
DYRK1B	NM_004714_bp776_R	AGCTAAAAGACACGGAGATGAAGTACATTTCTCTTGAATAGTACTTTCATCTCCGTGTCGG	Hs.130988	11079	0.599025	0.84576847	0.149056002	0.829633333	1.23108629	0.224628395								
DYRK2	NM_006482_bp1454_R	AGCTAAAAGCCTGTATGATTGAACTGTTGTCTCTTGAACAACAGTTCAATCATACAGGCGG	Hs.173135	1859	-0.2296	0.28287029	0.233088967	1.794766667	0.02481941	0.000880847								
DYRK2	NM_006482_bp1454_R	AGCTAAAAGCCTGTATGATTGAACTGTTGTCTCTTGAACAACAGTTCAATCATACAGGCGG	Hs.173135	7235	-0.38315	0.2165156	0.055210696	1.393166667	0.14260608	0.002552703								
DYRK2	NM_006482_bp1454_R	AGCTAAAAGCCTGTATGATTGAACTGTTGTCTCTTGAACAACAGTTCAATCATACAGGCGG	Hs.173135	12611	-0.71995	0.605664579	0.043102217	1.864266667	0.53527233	0.004624636								
DYRK2	NM_006482_bp1827_R	AGCTAAAAGCCACCGGTGCTATCACATCTATCTCTTGAATAGATGTGATAGCACCGGTGCGG	Hs.173135	534	0.087375	1.86752298	0.909819295	0.922333333	7.72526217	0.800092163								
DYRK2	NM_006482_bp1827_R	AGCTAAAAGCACCGGTGCTATCACATCTATCTCTTGAATAGATGTGATAGCACCGGTGCGG	Hs.173135	5910	-0.09775	1.79497651	0.895271718	-1.135666667	7.34149983	0.743723299								
DYRK2	NM_006482_bp1827_R	AGCTAAAAGCACCGGTGCTATCACATCTATCTCTTGAATAGATGTGATAGCACCGGTGCGG	Hs.173135	11286	-0.00805	2.19548657	0.992882091	-1.8902	6.24903172	0.532345301								
DYRK3	NM_003582_bp1093_R	AGCTAAAAGCCCAGTCCATCTTGCAATCTTCTCTTGAAAGATTGCAAGATGGACTGGGCGG	Hs.164267	1606	-0.4105			3.91205	6.94074803	0.313775996				-0.1132	0.12219452	0.160978917	-0.207725	0.12544219	0.045328214
DYRK3	NM_003582_bp1093_R	AGCTAAAAGCCCAGTCCATCTTGCAATCTTCTCTTGAAAGATTGCAAGATGGACTGGGCGG	Hs.164267	6982	-0.5021			-0.9778						-0.062933333	0.08960482	0.347877402	-0.234175	0.23918378	0.145118547
DYRK3	NM_003582_bp1093_R	AGCTAAAAGCCCAGTCCATCTTGCAATCTTCTCTTGAAAGATTGCAAGATGGACTGGGCGG	Hs.164267	12358	-0.5081			4.1559	4.84380196	0.131788221				-0.1255	0.08890152	0.134364107	-0.269625	0.26812644	0.13782632
DYRK3	NM_003582_bp1402_R	AGCTAAAAGCCTGCATGATGGAGCTTCTATCTCTTGAATGAAGCCTCCATCATGCAGGCGG	Hs.164267	1608	-1.9467			-1.6578875	5.89819038	0.525656291								
DYRK3	NM_003582_bp1402_R	AGCTAAAAGCCTGCATGATGGAGCTTCTATCTCTTGAATGAAGCCTCCATCATGCAGGCGG	Hs.164267	6984	-1.944			-1.5551125	5.90675953	0.551051922								
DYRK3	NM_003582_bp1402_R	AGCTAAAAGCCTGCATGATGGAGCTTCTATCTCTTGAATGAAGCCTCCATCATGCAGGCGG	Hs.164267	12360	-0.75185	1.51398633	0.336985851	-1.7076875	6.04208762	0.523460794								
DYRK3	NM_003582_bp730_R	AGCTAAAAGGGGCCTATATTCATGTACCTCTCTCTTGAAAGGTATCATGAATATAGGGCCCGG	Hs.164267	365	2.4228	2.10282299	0.049815404	0.4972125	0.55921341	0.122955288				-0.0831	0.13177676	0.296384101	-0.179475	0.23210291	0.219711269
DYRK3	NM_003582_bp730_R	AGCTAAAAGGGGCCTATATTCATGTACCTCTCTCTTGAAAGGTATCATGAATATAGGGCCCGG	Hs.164267	5741	0.5869			0.5508125	0.50483103	0.078836115				0.102925	0.04814979	0.023499096	-0.0047	0.16323245	0.957698965
DYRK3	NM_003582_bp730_R	AGCTAAAAGGGGCCTATATTCATGTACCTCTCTCTTGAAAGGTATCATGAATATAGGGCCCGG	Hs.164267	11117	0.5141			0.5640125	0.54639476	0.086339363				0.160775	0.0531952	0.009808048	0.146275	0.11449784	0.083572434
DYRK4	NM_003845_bp1308_R	AGCTAAAAGCTTCCTCTCTCGCATGATCTCTTGAATCATGCGAAGAGAAGGTTCCCCGG	Hs.439530	5588	0.790925	0.71005809	0.047753881	0.617875	0.48549536	0.052708624								
DYRK4	NM_003845_bp1308_R	AGCTAAAAGCTTCCTCTCTCGCATGATCTCTTGAATCATGCGAAGAGAAGGTTCCCCGG	Hs.439530	10964	0.814975	0.76655938	0.053021035	0.6239375	0.50677352	0.056050372								
DYRK4	NM_003845_bp1308_R	AGCTAAAAGCGGAACCTTCTCTTCGCATGATCTCTTGAATCATGCGAAGAGAAGGTTCCCGG	Hs.439530	212														
DYRK4	NM_003845_bp885_R	AGCTAAAAGCCCAAGCCTCTGTTAAAGTCATCTCTTGAATGACTTTAACAGAGGCTTGGCGG	Hs.439530	213	-0.355475	0.32565096	0.10583334	0.0743875	0.15245351	0.628151652								
DYRK4	NM_003845_bp885_R	AGCTAAAAGCCCAAGCCTCTGTTAAAGTCATCTCTTGAATGACTTTAACAGAGGCTTGGCGG	Hs.439530	5589	-0.32045	0.2030642	0.087551776	0.0822875	0.13803972	0.587062472								
DYRK4	NM_003845_bp885_R	AGCTAAAAGCCCAAGCCTCTGTTAAAGTCATCTCTTGAATGACTTTAACAGAGGCTTGGCGG	Hs.439530	10965	-0.182975	0.22457748	0.292891533	0.0621375	0.28869365	0.738266591								
E2F2	NM_004091_bp1163_R	AGCTAAAAGGGCTGGCCTATGTGACCTATACTCCTCTTGAATAAGTCACATAGGCCAGCCTCGG	Hs.194333	1327	1.2501875	0.33675891	0.00115623					0.30845	0.1216084	0.141299567				
E2F2	NM_004091_bp1163_R	AGCTAAAAGGGCTGGCCTATGTGACCTATACTCCTCTTGAATAAGTCACATAGGCCAGCCTCGG	Hs.194333	6703	1.2705125	0.36488653	0.001298917					0.316225	0.18312166	0.144119725				
E2F2	NM_004091_bp1163_R	AGCTAAAAGGGCTGGCCTATGTGACCTATACTCCTCTTGAATAAGTCACATAGGCCAGCCTCGG	Hs.194333	12079	1.3377625	0.34551877	0.000891705					0.318075	0.22532016	0.151939167				
E2F2	NM_004091_bp1278_R	AGCTAAAAGGACAACCTGCAGATATATTCTCTTGAATATATCTGCAGGTTGTCCTCTGG	Hs.194333	1328	-0.5804625	0.37468412	0.024245054					0.970425	0.68331046	0.017384408				
E2F2	NM_004091_bp1278_R	AGCTAAAAGGACAACCTGCAGATATATTCTCTTGAATATATCTGCAGGTTGTCCTCTGG	Hs.194333	6704	-0.5161125	0.05218465	0.008142953					1.059975	0.21108814	0.001523368				
E2F2	NM_004091_bp1278_R	AGCTAAAAGGACAACCTGCAGATATATTCTCTTGAATATATCTGCAGGTTGTCCTCTGG	Hs.194333	12080	-0.5937625	0.2517031	0.012127303					1.1391	0.38912294	0.002214983				
E2F2	NM_004091_bp802_R	AGCTAAAAGGGAGAAGACTCGGTATGACATCTCTTGAATGTCATACCGAGTCTTCTCCCGG	Hs.194333	2415	3.0153375	1.8512019	0.009407305					0.756075	0.79775383	0.063585109				
E2F2	NM_004091_bp802_R	AGCTAAAAGGGAGAAGACTCGGTATGACATCTCTTGAATGTCATACCGAGTCTTCTCCCGG	Hs.194333	7791	3.0912625	1.94776301	0.010354648					0.9272	0.80316634	0.032337978				
E2F2	NM_004091_bp802_R	AGCTAAAAGGGAGAAGACTCGGTATGACATCTCTTGAATGTCATACCGAGTCTTCTCCCGG	Hs.194333	13167	2.8794875	1.85291715	0.011368584					0.783875	0.80661603	0.058172137				
E2F3	NM_001949_bp1321_R	AGCTAAAAGAAGGACCGTTTGTGAACTTATCTCTTGAATAAGTTCACAAACGGTCCTTCGG	Hs.269408	1326	0.7521625	0.20708093	0.005367958					-0.397	0.61431361	0.209417258				
E2F3	NM_001949_bp1321_R	AGCTAAAAGAAGGACCGTTTGTGAACTTATCTCTTGAATAAGTTCACAAACGGTCCTTCGG	Hs.269408	6702	0.7172375	0.2506468	0.00850508					-0.515475	0.51228689	0.089112808				
E2F3	NM_001949_bp1321_R	AGCTAAAAGAAGGACCGTTTGTGAACTTATCTCTTGAATAAGTTCACAAACGGTCCTTCGG	Hs.269408	12078	0.7108875	0.13866686	0.004856686					-0.5057	0.52317	0.097176148				
E2F3	NM_001949_bp1440_R	AGCTAAAAGGTTGGAAGACTTCATGTGTAGTTCTTTGAACTACACATGAAGTCTTTCCACCGG	Hs.269408	7787														
E2F3	NM_001949_bp950_R	AGCTAAAAGGTTAGCTTATGTTACATATCTCTTCTTGAAGATATGTAACATAAGCTAACCGG	Hs.269408	2413	0.1070875	0.58200893	0.800214519					0.635	0.35913691	0.027405719				
E2F3	NM_001949_bp950_R	AGCTAAAAGGTTAGCTTATGTTACATATCTCTTCTTGAAGATATGTAACATAAGCTAACCGG	Hs.269408	7789	-0.3252625	0.28907721	0.087937499					0.5985	0.34107015	0.032154189				
E2F3	NM_001949_bp950_R	AGCTAAAAGGTTAGCTTATGTTACATATCTCTTCTTGAAGATATGTAACATAAGCTAACCGG	Hs.269408	13165	-0.0444625	0.25840482	0.63787012					0.611575	0.28242304	0.024393131				
E2F4	NM_001950_bp228_R	AGCTAAAAGCCGGCGGATTTACGACATTACTCTTGAAGTAATGTCGTAAATCCGCCGCGG	Hs.108371	2407	-0.726965	0.52846723	0.025419956					-0.422925	0.57734566	0.171989395				
E2F4	NM_001950_bp228_R	AGCTAAAAGCCGGCGGATTTACGACATTACTCTTGAAGTAATGTCGTAAATCCGCCGCGG	Hs.108371	7783	-0.39915	0.33717786	0.113798688					-0.402625	0.54369124	0.178061149				
E2F4	NM_001950_bp228_R	AGCTAAAAGCCGGCGGATTTACGACATTACTCTTGAAGTAATGTCGTAAATCCGCCGCGG	Hs.108371	13159	-0.6350125	0.461841	0.028581022					-0.4083	0.59852745	0.192650296				
E2F4	NM_001950_bp335_R	AGCTAAAAGCAGATGCTTTGCTGGAGATATCTCTTGAATCAGTTTGTCAGCAATCTCCCGG	Hs.108371	2409	4.0157625	1.40916152	0.000838427					0.822425	0.55439861	0.020071986				
E2F4	NM_001950_bp335_R	AGCTAAAAGCAGATGCTTTGCTGGAGATATCTCTTGAATCAGTTTGTCAGCAATCTCCCGG	Hs.108371	7785	4.0485375	1.44024176	0.000888168					0.82425	0.58739743	0.022580218				
E2F4	NM_001950_bp335_R	AGCTAAAAGCGAGATTGCTGCAACAACTGATCTCTTGAATCAGTTTGTCAGCAATCTCCCGG	Hs.108371	13161	4.0122875	1.38914943	0.000790549					0.801775	0.50109038	0.017990637				
E2F4	NM_001950_bp500_R	AGCTAAAAGCAGATATCTTTGCTGGAGATATCTCTTGAATATCTCCAGCAAAGCATCTGCGG	Hs.108371	1325	-0.6458375	0.13601708	0.00447708					-0.306925	0.2544476	0.179673339				
E2F4	NM_001950_bp500_R	AGCTAAAAGCAGATGCTTTGCTGGAGATATCTCTTGAATATCTCCAGCAAAGCATCTGCGG	Hs.108371	6701	-0.6521375	0.12289842	0.0040612					-0.34815	0.26983312	0.138983536				
E2F4	NM_001950_bp500_R	AGCTAAAAGCAGATGCTTTGCTGGAGATATCTCTTGAATATCTCCAGCAAAGCATCTGCGG	Hs.108371	12077	-0.6282375	0.15476805	0.005444136					-0.293175	0.29026215	0.208148843				
E2F8	NM_024680_bp1201_R	AGCTAAAAGGATCATATCATCAATCATCTCTTGAATGATTTGATGATATGATCATCCTCGG	Hs.523526	14373	0.011	0.20856557	0.955970113					-0.320675	0.21188455	0.37131658				
E2F8	NM_024680_bp1201_R	AGCTAAAAGGATCATATCATCAATCATCTCTTGAATGATTTGATGATATGATCATCCTCGG	Hs.523526	3621	0.035666667	0.28898231	0.869825034					-0.5365						
E2F8	NM_024680_bp1201_R	AGCTAAAAGGATCATATCATCAATCATCTCTTGAATGATTTGATGATATGATCATCCTCGG	Hs.523526	8997	0.014666667	0.10983518	0.93728354					-0.4703						
E2F8	NM_024680_bp2534_R	AGCTAAAAGCTCCCAATTGCAGGTGTTATCTCTTGAATAACACCTGCAATTGGGGAGCGG	Hs.523526	3617	-0.9273	0.11306681	0.005796769					-0.5574375	0.4549898	0.059180925				
E2F8	NM_024680_bp2534_R	AGCTAAAAGCTCCCAATTGCAGGTGTTATCTCTTGAATAACACCTGCAATTGGGGAGCGG	Hs.523526	8993	-0.767475	0.17574833	0.003286361					-0.3809125	0.37815419	0.138865768				
E2F8	NM_024680_bp2534_R	AGCTAAAAGCTCCCAATTGCAGGTGTTATCTCTTGAATAACACCTGCAATTGGGGAGCGG	Hs.523526	14369	-0.836475	0.19455738	0.002501069					-0.4664125	0.38704251	0.083525572				
E2F8	NM_024680_bp2745_R	AGCTAAAAGGGACTCATCTCACCCAATGTTCTCTTGAAACATTGGGTGAGATGAGTCCCGG	Hs.523526	3619	-0.11295							0.3922						
E2F8	NM_024680_bp2745_R	AGCTAAAAGGGACTCATCTCACCCAATGTTCTCTTGAAACATTGGGTGAGATGAGTCCCGG	Hs.523526	8995	-0.3051	0.30029536	0.214128811					0.5572						
E2F8	NM_024680_bp2745_R	AGCTAAAAGGGACTCATCTCACCCAATGTTCTCTTGAAACATTGGGTGAGATGAGTCCCGG	Hs.523526	14371	-0.217666667	0.15946133	0.30418492					0.4815						
EAF2	BF965153_bp116_R	AGCTAAAAAGAAGGATACCTTGAGGTTGGTTCTCTTGAAACCAACCTCAAGGTATCCTTCGG	Hs.477325	4365	2.02225	3.0354547	0.147290941	0.313425	0.94896661	0.481149364		0.7685						
EAF2	BF965153_bp116_R	AGCTAAAAAGAAGGATACCTTGAGGTTGGTTCTCTTGAAACCAACCTCAAGGTATCCTTCGG	Hs.477325	9741	2.68035	3.98642141	0.143499299	0.552875	1.01858774	0.26595052		0.1993						
EAF2	BF965153_bp116_R	AGCTAAAAAGAAGGATACCTTGAGGTTGGTTCTCTTGAAACCAACCTCAAGGTATCCTTCGG	Hs.477325	15117	0.993675	1.65070501	0.187409667	0.534725	0.83402801	0.208259583		0.2061						
EAF2	BF965153_bp140_R	AGCTAAAAGGTGAACAGGTGACCATAACTTCTCTTGAAAGTTATGGTCACCTGTTCACCGG	Hs.477325	9739	3.20135	4.47608288	0.124245492	0.809366667	0.92350883	0.147937354		1.9658	0.42086996	0.004332695				
EAF2	BF965153_bp140_R	AGCTAAAAGGTGAACAGGTGACCATAACTTCTCTTGAAAGTTATGGTCACCTGTTCACCGG	Hs.477325	15115	3.087675	4.40967062	0.130623093	0.2678	0.92545854	0.53532742		2.10425	0.74635121	0.006198268				
EAF2	BF965153_bp140_R	AGCTAAAAGGTGAACAGGTGACCATAACTTCTCTTGAAAGTTATGGTCACCTGTTCACCGG	Hs.477325	4363	3.8659	5.49036835	0.128626654	0.206775	1.19019325	0.699761926		1.916						
EAF2	BF965153_bp424_R	AGCTAAAAGTCCCCCAGCATCCCAATAGATCTCTTGAATCTATTGGAGATGCTGGGGCACGG	Hs.477325	4361	0.46655	0.41095126	0.07162631	-0.8515	1.26267606	0.176493626		-0.60223333	1.1035622	0.246146464				
EAF2	BF965153_bp424_R	AGCTAAAAGTCCCCCAGCATCCCAATAGATCTCTTGAATCTATTGGAGATGCTGGGGCACGG	Hs.477325	9737	0.62365	0.2457657	0.0115014	-0.49125	0.51689643	0.110177477		-0.4129	1.25919284	0.453800833				
EAF2	BF965153_bp424_R	AGCTAAAAGTCCCCCAGCATCCCAATAGATCTCTTGAATCTATTGGAGATGCTGGGGCACGG	Hs.477325	15113	0.507875	0.32076657	0.036361943	-0.4032	2.02204378	0.111768081		-0.18523333	1.24531705	0.728460938				
EBF	NM_024007_bp1112_R

ECOP	NM_030796_bp1893_R	AGCTAAAAGCCGCATAGTTATAGTGTTGATCTCTTGAATCAACACTATAACTATGCGGCGG	Hs.488307	8144	-0.113	0.27246893	0.52812512					0.1911	1.25417246	0.701531114				
ECOP	NM_030796_bp1893_R	AGCTAAAAGCCGCATAGTTATAGTGTTGATCTCTTGAATCAACACTATAACTATGCGGCGG	Hs.488307	13520	-0.2749	0.24022795	0.144671855					0.1017	1.3768889	0.85007849				
ECOP	NM_030796_bp2755_R	AGCTAAAAAGCGTCCGTGGTTCAGAGTAAATCTCTTGAATTTACTCTGAACCACGGACGCGGG	Hs.488307	2766	-0.939075	0.88097924	0.049453586					-0.763825	0.98299004	0.096622247				
ECOP	NM_030796_bp2755_R	AGCTAAAAAGCGTCCGTGGTTCAGAGTAAATCTCTTGAATTTACTCTGAACCACGGACGCGGG	Hs.488307	8142	-1.2006	0.93710272	0.026125847					-0.72815	0.89268087	0.08983492				
ECOP	NM_030796_bp2755_R	AGCTAAAAAGCGTCCGTGGTTCAGAGTAAATCTCTTGAATTTACTCTGAACCACGGACGCGGG	Hs.488307	13518	-0.9848	0.91879627	0.047830796					-0.747825	1.05939763	0.119521053				
ECOP	NM_030796_bp696_R	AGCTAAAAAGGCCTTTCTGTCTTCGTTGATTCTCTTGAAATCAACGAAGACAGAAAGGCCGG	Hs.488307	2770	-1.289225	0.56296942	0.003763066					-1.335925	0.98303378	0.013604168				
ECOP	NM_030796_bp696_R	AGCTAAAAAGGCCTTTCTGTCTTCGTTGATTCTCTTGAAATCAACGAAGACAGAAAGGCCGG	Hs.488307	13522	-0.816775	0.33816442	0.00670761					-1.219325	0.95909251	0.018362013				
ECOP	NM_030796_bp696_R	AGCTAAAAAGGCCTTTCTGTCTTCGTTGATTCTCTTGAAATCAACGAAGACAGAAAGGCCGG	Hs.488307	8146	-1.153725	0.37368033	0.001896425					-0.6997	0.24450393	0.034451758				
ECT2	NM_018098_bp383_R	AGCTAAAAAGGACCACCAGTTGTATTAAATTCTCTTGAAATTTAATACAACTGGTGGTCCGG	Hs.518299	2927	0.797825	0.66564282	0.039244775					-0.1029	0.60656864	0.724628702				
ECT2	NM_018098_bp383_R	AGCTAAAAAGGACCACCAGTTGTATTAAATTCTCTTGAAATTTAATACAACTGGTGGTCCGG	Hs.518299	8303	0.886825	0.83605301	0.051388331					-0.289625	1.18411442	0.545806557				
ECT2	NM_018098_bp383_R	AGCTAAAAAGGACCACCAGTTGTATTAAATTCTCTTGAAATTTAATACAACTGGTGGTCCGG	Hs.518299	13679	1.184425	0.70080128	0.010841171					-0.635775	1.15267053	0.200377641				
ECT2	NM_018098_bp441_R	AGCTAAAAAGCCCGTTGTATTGTACAAGTATCTCTTGAATACTTGTACAATACAACGGGCGG	Hs.518299	2925	-1.742375	0.29615527	0.000161076					-0.54215	0.35859829	0.048069028				
ECT2	NM_018098_bp441_R	AGCTAAAAAGCCCGTTGTATTGTACAAGTATCTCTTGAATACTTGTACAATACAACGGGCGG	Hs.518299	8301	-1.386425	0.59345723	0.003259059					0.22375	0.72491117	0.499495209				
ECT2	NM_018098_bp441_R	AGCTAAAAAGCCCGTTGTATTGTACAAGTATCTCTTGAATACTTGTACAATACAACGGGCGG	Hs.518299	13677	-1.31925	0.65053482	0.005467339					-0.323025	0.22151569	0.150087397				
ECT2	NM_018098_bp649_R	AGCTAAAAAGAAGCCAGAATGGATTTATAATCTCTTGAATTATAAATCCATTCTGGCTTCGG	Hs.518299	2953	2.044025	0.84814315	0.002128103					-0.044825	0.7027453	0.888053874				
ECT2	NM_018098_bp649_R	AGCTAAAAAGAAGCCAGAATGGATTTATAATCTCTTGAATTATAAATCCATTCTGGCTTCGG	Hs.518299	8329	2.279325	1.3408864	0.007917841					-0.277825	0.86893383	0.462209271				
ECT2	NM_018098_bp649_R	AGCTAAAAAGAAGCCAGAATGGATTTATAATCTCTTGAATTATAAATCCATTCTGGCTTCGG	Hs.518299	13705	1.9928	0.75847594	0.001555858					-0.260525	0.93408746	0.511809052				
EDG2	NM_057159_bp755_R	AGCTAAAAAGACCCAATACTCGGAGACTGATCTCTTGAATCAGTCTCCGAGTATTGGGTCGG	Hs.126667	2822	0.013075	0.51666479	0.958308227					-0.691375	1.14421988	0.166528581				
EDG2	NM_057159_bp755_R	AGCTAAAAAGACCCAATACTCGGAGACTGATCTCTTGAATCAGTCTCCGAGTATTGGGTCGG	Hs.126667	8198	0.1078	0.50760131	0.665699014					-0.70665	1.02195547	0.128038108				
EDG2	NM_057159_bp755_R	AGCTAAAAAGACCCAATACTCGGAGACTGATCTCTTGAATCAGTCTCCGAGTATTGGGTCGG	Hs.126667	13574	0.010175	0.57228427	0.969865795					-0.61305	0.99569314	0.169191193				
EDG2	NM_057159_bp949_R	AGCTAAAAAGCCATCGTTATGGGTGCTATATCTCTTGAATATAGCACCCATAACGATGGCGG	Hs.126667	2824	-1.1283	0.47974348	0.004105914					0.01485	0.66750316	0.961530365				
EDG2	NM_057159_bp949_R	AGCTAAAAAGCCATCGTTATGGGTGCTATATCTCTTGAATATAGCACCCATAACGATGGCGG	Hs.126667	8200	-0.9173	0.6486541	0.022578955					-0.131325	0.68994811	0.678460157				
EDG2	NM_057159_bp949_R	AGCTAAAAAGCCATCGTTATGGGTGCTATATCTCTTGAATATAGCACCCATAACGATGGCGG	Hs.126667	13576	-1.15075	0.46236697	0.003392324					0.19085	0.6619719	0.539913247				
EDG2	NM_057159_bp980_R	AGCTAAAAAGCTGGAACTGTATCTGTGATATCTCTTGAATCTACAGATACAGTTCCAGCGG	Hs.126667	2820	-0.22595	0.42153792	0.326928684					0.1313	1.14319914	0.759619154				
EDG2	NM_057159_bp980_R	AGCTAAAAAGCTGGAACTGTATCTGTGATATCTCTTGAATCTACAGATACAGTTCCAGCGG	Hs.126667	8196	-0.288375	0.31033016	0.162884488					0.112325	0.96980889	0.780203373				
EDG2	NM_057159_bp980_R	AGCTAAAAAGCTGGAACTGTATCTGTGATATCTCTTGAATCTACAGATACAGTTCCAGCGG	Hs.126667	13572	-0.161775	0.33406898	0.416546159					0.1371	1.13640987	0.764509853				
EED	NM_152991_bp1158_R	AGCTAAAAAGGCACAGAGATGAAGTTCTAATCTCTTGAATTAGAACTTCATCTCTGTGCCGG	Hs.503510	1324	1.4433125	0.43168971	0.001123681					0.768325	0.37081926	0.013243039				
EED	NM_152991_bp1158_R	AGCTAAAAAGGCACAGAGATGAAGTTCTAATCTCTTGAATTAGAACTTCATCTCTGTGCCGG	Hs.503510	6700	1.4663125	0.32090226	0.000485339					0.776025	0.58672974	0.02952681				
EED	NM_152991_bp1158_R	AGCTAAAAAGGCACAGAGATGAAGTTCTAATCTCTTGAATTAGAACTTCATCTCTGTGCCGG	Hs.503510	12076	1.4421125	0.38687	0.000833054					0.911525	0.40125268	0.007105365				
EED	NM_152991_bp963_R	AGCTAAAAAGGGCATAATTAGGATAATAATCTCTTGAATTATATCCTAATTATGCCTCGG	Hs.503510	1323	-0.6710125	0.53120897	0.032752497					0.376875	0.4357466	0.157763002				
EED	NM_152991_bp963_R	AGCTAAAAAGGGCATAATTAGGATAATAATCTCTTGAATTATATCCTAATTATGCCTCGG	Hs.503510	6699	-0.6670625	0.6466151	0.053935032					0.2171	0.39342384	0.367583771				
EED	NM_152991_bp963_R	AGCTAAAAAGGGCATAATTAGGATAATAATCTCTTGAATTATATCCTAATTATGCCTCGG	Hs.503510	12075	-0.8601625	0.49518334	0.011536542					0.280875	0.40959723	0.262693001				
EEF1D	NM_033278_bp227_R	AGCTAAAAAGGAGACCGTGTGGGAAGACAATCTCTTGAATTGTCTTCCCACACGGTCTCCGG	Hs.333388	2918	4.45715	0.89587704	6.79E-05					0.926925	0.86095813	0.038259849				
EEF1D	NM_033278_bp227_R	AGCTAAAAAGGAGACCGTGTGGGAAGACAATCTCTTGAATTGTCTTCCCACACGGTCTCCGG	Hs.333388	8294	3.86615	0.58226472	2.41E-05					0.721425	1.09119688	0.138401563				
EEF1D	NM_033278_bp227_R	AGCTAAAAAGGAGACCGTGTGGGAAGACAATCTCTTGAATTGTCTTCCCACACGGTCTCCGG	Hs.333388	13670	4.28585	0.91031608	8.80E-05					0.556	1.17626551	0.26252428				
EEF1D	NM_033278_bp236_R	AGCTAAAAAGTGGGAAGACAAGCACAAGTATCTTGAATACTTGTGCTTGTCTTCCCACAGG	Hs.333388	2920	2.4272	2.10725449	0.033061098					0.189475	1.42473321	0.733475281				
EEF1D	NM_033278_bp236_R	AGCTAAAAAGTGGGAAGACAAGCACAAGTATCTTGAATACTTGTGCTTGTCTTCCCACAGG	Hs.333388	8296	2.26065	1.84139622	0.026027808					0.1789	1.46967905	0.754279422				
EEF1D	NM_033278_bp236_R	AGCTAAAAAGTGGGAAGACAAGCACAAGTATCTTGAATACTTGTGCTTGTCTTCCCACAGG	Hs.333388	13672	2.2154	1.74649537	0.023310726					0.1807	1.45826471	0.750252353				
EEF1D	NM_033278_bp689_R	AGCTAAAAAGGTCAACAAGTCCTCCTTCGATCTCTTGAATCGAAGGAGGACTTGTTGACCGG	Hs.333388	2916	-0.779625	0.5498872	0.025769485					-0.04965	1.48181329	0.931008579				
EEF1D	NM_033278_bp689_R	AGCTAAAAAGGTCAACAAGTCCTCCTTCGATCTCTTGAATCGAAGGAGGACTTGTTGACCGG	Hs.333388	8292	-1.074175	0.41232434	0.003343819					0.024625	1.32292483	0.962143284				
EEF1D	NM_033278_bp689_R	AGCTAAAAAGGTCAACAAGTCCTCCTTCGATCTCTTGAATCGAAGGAGGACTTGTTGACCGG	Hs.333388	13668	-1.035425	0.352261	0.002661292					0.00135	1.49558854	0.998136614				
EGF	NM_001963_bp1145_R	AGCTAAAAAGGAGGTTCTGTCCACATTAGTTCTCTTGAAACTAATGTGGACAGAACCTCCGG	Hs.419815	1322	-0.9119375	0.33130981	0.003376536					0.053	0.48140032	0.825089272				
EGF	NM_001963_bp1145_R	AGCTAAAAAGGAGGTTCTGTCCACATTAGTTCTCTTGAAACTAATGTGGACAGAACCTCCGG	Hs.419815	6698	-0.8893375	0.33323667	0.003801351					0.099375	0.48987489	0.691849527				
EGF	NM_001963_bp1145_R	AGCTAAAAAGGAGGTTCTGTCCACATTAGTTCTCTTGAAACTAATGTGGACAGAACCTCCGG	Hs.419815	12074	-0.8948875	0.33096405	0.003666407					0.10085	0.50976592	0.693508048				
EGF	NM_001963_bp1538_R	AGCTAAAAAGGCTGTACTCTTGGGTGTGAATCTCTTGAATTTACACCCAAGAGTACAGCCGG	Hs.419815	1321	-0.2621375	0.11952446	0.080088607					0.1251	0.42190255	0.663472022				
EGF	NM_001963_bp1538_R	AGCTAAAAAGGCTGTACTCTTGGGTGTGAATCTCTTGAATTTACACCCAAGAGTACAGCCGG	Hs.419815	6697	-0.2492125	0.15244448	0.098723712					0.066725	0.35451793	0.75638615				
EGF	NM_001963_bp1538_R	AGCTAAAAAGGCTGTACTCTTGGGTGTGAATCTCTTGAATTTACACCCAAGAGTACAGCCGG	Hs.419815	12073	-0.2700625	0.13988904	0.079003637					0.0768	0.41037569	0.736530335				
EGF	NM_001963_bp2811_R	AGCTAAAAAGGTGGTGAAGTTGATCTAAAGTCTCTTGAACTTTAGATCAACTTCACACCGG	Hs.419815	2405	0.1125													
EGF	NM_001963_bp2811_R	AGCTAAAAAGGTGGTGAAGTTGATCTAAAGTCTCTTGAACTTTAGATCAACTTCACACCGG	Hs.419815	7781	0.1683													
EGF	NM_001963_bp2811_R	AGCTAAAAAGGTGGTGAAGTTGATCTAAAGTCTCTTGAACTTTAGATCAACTTCACACCGG	Hs.419815	13157	0.2424													
EGFR	NM_005228_bp3087_R	AGCTAAAAAGGTCAAGTGCTGGATGATAGATCTCTTGAATCTATCATCCAGCACTTGACCGG	Hs.488293	385	1.8164	2.10478553	0.105858083	0.3376	3.33612285	0.830713412								
EGFR	NM_005228_bp3087_R	AGCTAAAAAGGTCAAGTGCTGGATGATAGATCTCTTGAATCTATCATCCAGCACTTGACCGG	Hs.488293	5761	2.418266667	3.02425062	0.123435228	-0.3447	4.15861864	0.860501669								
EGFR	NM_005228_bp3087_R	AGCTAAAAAGGTCAAGTGCTGGATGATAGATCTCTTGAATCTATCATCCAGCACTTGACCGG	Hs.488293	11137	2.666733333	3.39575171	0.127934245	-0.382766667	4.40015591	0.853645616								
EGFR	NM_005228_bp3385_R	AGCTAAAAGTGGCTTGCATTGATAGAAATCTCTTGAAATTTATCAATGAAGCCACGG	Hs.488293	386	-0.83575	0.67732226	0.060355451	1.7489	3.0868361	0.27641591								
EGFR	NM_005228_bp3385_R	AGCTAAAAGTGGCTTGCATTGATAGAAATCTCTTGAAATTTATCAATGAAGCCACGG	Hs.488293	5762	-0.8799166667	1.05641958	0.129053749	1.916666667	7.42756795	0.591002012								
EGFR	NM_005228_bp3385_R	AGCTAAAAGTGGCTTGCATTGATAGAAATCTCTTGAAATTTATCAATGAAGCCACGG	Hs.488293	11138	-0.946216667	1.19017038	0.138497359	2.115166667	7.60899411	0.564009344								
EGLN1	NM_022051_bp3985_R	AGCTAAAAAGCAGACCTGATACGCCACTGTTCTCTTGAAACAGTGGCGTATCAGGTCGTCGG	Hs.444450	1308	0.4068625	0.67581237	0.262402759					1.092375	0.54162174	0.005528274				
EGLN1	NM_022051_bp3985_R	AGCTAAAAAGCAGACCTGATACGCCACTGTTCTCTTGAAACAGTGGCGTATCAGGTCGTCGG	Hs.444450	6684	-0.3312375	1.30435532	0.511030662					1.1356	0.53187228	0.004372063				
EGLN1	NM_022051_bp3985_R	AGCTAAAAAGCAGACCTGATACGCCACTGTTCTCTTGAAACAGTGGCGTATCAGGTCGTCGG	Hs.444450	12060	0.4982625	0.45936282	0.090796091					1.065775	0.46505936	0.004333511				
EGLN1	NM_022051_bp4382_R	AGCTAAAGTGTGAGGGTTGAACTCAATATCTCTTGAATTTAGAGTTCAACCCTCACACGG	Hs.444450	2401	0.2733													
EGLN1	NM_022051_bp4382_R	AGCTAAAAAGTGTGAGGGTTGAACTCAATATCTCTTGAATTTAGAGTTCAACCCTCACACGG	Hs.444450	7777	0.2389													
EGLN1	NM_022051_bp4382_R	AGCTAAAAAGTGTGAGGGTTGAACTCAATATCTCTTGAATTTAGAGTTCAACCCTCACACGG	Hs.444450	13153	0.4474													
EGLN2	NM_017555_bp2559_R	AGCTAAAAAGCATCACCTGTATCTATTACCTCTCTTGAAGGTAATAGATACAGGTGATGCGG	Hs.515417	2375	-0.6175375	0.38418955	0.021088808					0.199175	0.80747837	0.56640413				
EGLN2	NM_017555_bp2559_R	AGCTAAAAAGCATCACCTGTATCTATTACCTCTCTTGAAGGTAATAGATACAGGTGATGCGG	Hs.515417	7751	-0.5333375	0.33854238	0.027055932					0.320275	0.86015607	0.390309204				
EGLN2	NM_017555_bp2559_R	AGCTAAAAAGCATCACCTGTATCTATTACCTCTCTTGAAGGTAATAGATACAGGTGATGCGG	Hs.515417	13127	-0.5018625	0.35699969	0.036132076					0.24895	0.78182419	0.468843066				
EGLN2	NM_017555_bp2581_R	AGCTAAAAGATCAGAACTGGGACGTTAATCTCTTGAATTAACGTCCCAGTTCTGATTCGG	Hs.515417	2373	0.5339875	0.46197835	0.074360343					0.49455	0.84008846	0.197020879				
EGLN2	NM_017555_bp2581_R	AGCTAAAAGATCAGAACTGGGACGTTAATCTCTTGAATTAACGTCCCAGTTCTGATTCGG	Hs.515417	7749	0.6047125	0.45411429	0.048188964					0.478525	0.80091303	0.196168403				
EGLN2	NM_017555_bp2581_R	AGCTAAAAGATCAGAACTGGGACGTTAATCTCTTGAATTAACGTCCCAGTTCTGATTCGG	Hs.515417	13125	0.5592875	0.4788405	0.069036028					0.4621	0.77685908	0.201571617				
EGLN2	NM_017555_bp2846_R	AGCTAAAAAGCCTTGAATGAACACTTTCTCTCTTGAAGAAAGTGTTCATTACAAGGCCGG	Hs.515417	1307	0.3665625	0.34996375	0.13963637					0.14005	0.98721418	0.725473992				
EGLN2	NM_017555_bp2846_R	AGCTAAAAAGCCTTGAATGAACACTTTCTCTCTTGAAGAAAGTGTTCATTACAAGGCCGG	Hs.515417	6683	0.3468625	0.31607968	0.143054931					0.141875	0.94792577	0.713699154				
EGLN2	NM_017555_bp2846_R	AGCTAAAAAGCCTTGAATGAACACTTTCTCTCTTGAAGAAAGTGTTCATTACAAGGCCGG	Hs.515417	12059	0.3804125	0.31416145	0.111560965					0.124475	1.01908917	0.759736989				
EGLN3	NM_022073_bp652_R	AGCTAAAAAGCTGGGCAAATACTACGTCAATCTCTTGAATTGACGTAGTATTTGCCCAGCGG	Hs.135507	1305	-0.6811125	0.22051408	0.005509577					-0.471525	0.41422735	0.09093242				
EGLN3	NM_022073_bp652_R	AGCTAAAAAGCTGGGCAAATACTACGTCAATCTCTTGAATTGACGTAGTATTTGCCCAGCGG	Hs.135507	6681	-0.7943125	0.25310843	0.035887795					-0.480525	0.40530261	0.083989759				
EGLN3	NM_022073_bp652_R	AGCTAAAAAGCTGGGCAAATACTACGTCAATCTCTTGAATTGACGTAGTATTTGCCCAGCGG	Hs.135507	12057	-0.7367875	0.28095642	0.00578865					-0.465525	0.41366977	0.093924498				
EGLN3	NM_022073_bp771_R	AGCTAAAAAGCATCTACTATCTGAACAAGATCTCTTGAATCTTGTTCAGATAGTAGATGCGG	Hs.135507	2371	2.3990625	1.05624844	0.002683992					0.344675	0.64722651	0.271267881				
EGLN3	NM_022073_bp771_R	AGCTAAAAAGCATCTACTATCTGAACAAGATCTCTTGAATCTTGTTCAGATAGTAGATGCGG	Hs.135507	7747	2.9660375	1.31964742	0.002573497					0.486125	0.68495919	0.152566349				
EGLN3	NM_022073_bp771_R	AGCTAAAAAGCATCTACTATCTGAACAAGATCTCTTGAATCTTGTTCAGATAGTAGATGCGG	Hs.135507	13123	2.6961625	1.1276835	0.002068025					0.381125	0.64546242	0.229224154				
EGLN3	NM_022073_bp960_R	AGCTAAAAAGGTACTTTGATGCTGAAGAAATCTCTTGAATTTCTTCAGCATCAAAGTACCGG	Hs.135507	1306	2.5517125	1.26007606	0.004094278					1.9941	0.20473238	4.43E-05				
EGLN3	NM_022073_bp960_R	AGCTAAAAAGGTACTTTGATGCTGAAGAAATCTCTTGAATTTCTTCAGCATCAAAGTACCGG	Hs.135507	6682	2.5519375	1.20171058	0.003381558					1.851225	0.22414298	7.58E-05				
EGLN3	NM_022073_bp960_R	AGCTAAAAAGGTACTTTGATGCTGAAGAAATCTCTTGAATTTCTTCAGCATCAAAGTACCGG	Hs.135507	12058	2.5226125	1.20230586	0.00356716					1.959675	0.29458497	7.48E-05				
EHD3	NM_014600_bp1378_R	AGCTAAAAAGCCCAGGACTTTAGCAAGTTCTCTCTTGAAGAACTTGCTAAAGTCCTGGGCGG	Hs.368808	3250	-0.558975	0.12109206	0.009627211					0.3620625	0.34751355	0.146398618	0.52785	0.30786453	0.041565204	0.87135	0.20156158	0.003254594
EHD3	NM_014600_bp1378_R	AGCTAAAAAGCCCAGGACTTTAGCAAGTTCTCTCTTGAAGAACTTGCTAAAGTCCTGGGCGG	Hs.368808	8626	-0.611525	0.07313078	0.005693402					0.4322875	0.51721407	0.141190205	0.56155	0.37595494	0.058254885	0.934525	0.20498737	0.00278802
EHD3	NM_014600_bp1378_R	AGCTAAAAAGCCCAGGACTTTAGCAAGTTCTCTCTTGAAGAACTTGCTAAAGTCCTGGGCGG	Hs.368808	14002	-0.3717	0.34928721	0.103367676					0.3665875	0.4938276	0.192178231	0.49845	0.36557885	0.072128217	0.8967	0.198506025	0.002863715
EHD3	NM_014600_bp393_R	AGCTAAAAAGGAAGAGCATTACCGCTTCCATCTCTTGAATGGAAGCGGTAATGCTCTTCCGG	Hs.368808	14004	-0.4201	0.26949814	0.052418375					-0.79075			1.0902	0.6119284	0.033735124	0.421166667	0.5159218	0.292961815
EHD3	NM_014600_bp393_R	AGCTAAAAAGGAAGAGCATTACCGCTTCCATCTCTTGAATGGAAGCGGTAATGCTCTTCCGG	Hs.368808	8628	-0.46575	0.33863076	0.052334699					0.17895	0.53280496	0.646842024	0.13852	0.5819298	0.032116349	0.4466	0.577515138	0.233263768
EHD3	NM_014600_bp393_R	AGCTAAAAAGGAAGAGCATTACCGCTTCCATCTCTTGAATGGAAGCGGTAATGCTCTTCCGG	Hs.368808	3252	-0.5945	0.31039388	0.046694429					-1.0735			1.021175	0.62561024	0.04696904	0.411266667	0.68002703	0.40479304
EHD3	NM_014600_bp438_R	AGCTAAAAAGGATGCCGACTTCGACAACAATCTTGAATTGTTGTCGAAGTCGGCATCCGG	Hs.368808	3248	-0.553875	0.97671131	0.223790428					-0.83771667	0.36594971	0.023889999	-0.161675	0.36904511	0.445429763	0.242366667	0.58768026	0.549148266
EHD3	NM_014600_bp438_R	AGCTAAAAAGGATGCCGACTTCGACAACAATCTTGAATTGTTGTCGAAGTCGGCATCCGG	Hs.368808	8624	-0.0258	0.72808285	0.925765696					-0.78241667	0.46139803	0.038517444	-0.163975	0.34211783	0.408482933	0.352966667	0.40553128	0.238602178
EHD3	NM_014600_bp438_R	AGCTAAAAAGGATGCCGACTTCGACAACAATCTTGAATTGTTGTCGAAGTCGGCATCCGG	Hs.368808	14000	0.194725	0.69802046	0.634360186					-0.7027625	0.56416017	0.038763041	-0.14965	0.37596224	0.484154398	0.378433333	0.45518247	0.286532365
EHF	NM_012153_bp124_R	AGCTAAAAAGGAGGTGGTGTAATGAATCTCTCTCTTGAAGAGATTCATTACACCACCTCCGG	Hs.502306	3160	-0.596975	0.10710906	0.006995803					0.2401125	0.46501929	0.360871464	0.22925	1.14410651	0.715438733	0.1441	0.40233047	0.525516941
EHF	NM_012153_bp124_R	AGCTAAAAAGGAGGTGGTGTAATGAATCTCTCTCTTGAAGAGATTCATTACACCACCTCCGG	Hs.502306	8536	-0.558975	0.15671635	0.01118189					0.1935875	0.53580588	0.484929384	0.28765	0.9663415	0.593537673	0.092875	0.4549433	0.710452469
EHF	NM_012153_bp124_R	AGCTAAAAAGGAGGTGGTGTAATGAATCTCTCTCTTGAAGAGATTCATTACACCACCTCCGG	Hs.502306	13912	-0.45265	0.15308988	0.024361885					0.264583333	0.70966006	0.474918547	0.2996	0.74592984	0.480557176	0.10925	0.23610459	0.422996508
EHF	NM_012153_bp844_R	AGCTAAAAATGGCTCAGCTATGGGGTAAATCTCTTGAATTTACCCCATAGCTGAGCCACGG	Hs.502306	3158	-0.53785	0.23337967	0.018936761					0.2096125	0.43998663	0.410531566	-0.438275	0.70566244	0.302429959	0.24215	0.63629826	0.501944402
EHF	NM_012153_bp844_R	AGCTAAAAATGGCTCAGCTATGGGGTAAATCTCTTGAATTTACCCCATAGCTGAGCCACGG	Hs.502306	8534	-0.69825	0.16170979	0.004591014					0.1722875	0.26096311	0.436208368	-0.446075	0.64827135	0.262494806	0.232275	0.65134263	0.527184804
EHF	NM_012153_bp844_R	AGCTAAAAATGGCTCAGCTATGGGGTAAATCTCTTGAATTTACCCCATAGCTGAGCCACGG	Hs.502306	13910	-0.35985	0.08552576	0.042862682					0.1107125	0.30659171	0.616449565	-0.441625	0.63445443	0.258130211	0.2826	0.65305683	0.450447013
EHF	NM_012153_bp952_R	AGCTAAAAAGGACGAAGACTGGTATATAAATCTCTTGAATTTATATACCAGTCTTCGTCCGG	Hs.502306	3156	-0.523	0.25464381	0.023423692					0.8087166667	0.50824904	0.038996497	1.3499	0.58557403	0.019193698	0.43415	0.50436181	0.183625657
EHF	NM_012153_bp952_R	AGCTAAAAAGGACGAAGACTGGTATATAAATCTCTTGAATTTATATACCAGTCTTCGTCCGG	Hs.502306	8532	-0.591	0.14712686	0.008571077					0.5398375	0.52969214	0.08143611	1.3209	0.53475621	0.015908084	0.484225	0.513970141	0.156037643
EHF	NM_012153_bp952_R	AGCTAAAAAGGACGAAGACTGGTATATAAATCTCTTGAATTTATATACCAGTCTTCGTCCGG	Hs.502306	13908	-0.37075	0.24738042	0.069122962					0.9394125	0.45018258	0.007571521	1.5122	0.66668623	0.020050323	0.50485	0.48454647	0.128534681
EHMT1	NM_024757_bp3426_R	AGCTAAAAAGGCACCTTTGTCTGCGAGTATTCTCTTGAAATACTCGCAGACAAAAGGTGCCGG	Hs.495511	3077	-1.1539	0.88885321	0.025492923					-0.283925	0.50529987	0.303834799						
EHMT1	NM_024757_bp3426_R	AGCTAAAAAGGCACCTTTGTCTGCGAGTATTCTCTTGAAATACTCGCAGACAAAAGGTGCCGG	Hs.495511	8453	-1.69765	0.45079511	0.00053996					-0.4698	0.94936498	0.260485297						
EHMT1	NM_024757_bp3426_R	AGCTAAAAAGGCACCTTTGTCTGCGAGTATTCTCTTGAAATACTCGCAGACAAAAGGTGCCGG	Hs.495511	13829	-1.559875	0.41197159	0.000616841					-0.498475	0.88830165	0.214810733						
EHMT1	NM_024757_bp910_R	AGCTAAAAAGGACGGTGATTGAGATGTTTATCTCTTGAATAAACATCTCAATCACCGTCCGG	Hs.495511	3075	-1.723875	0.55771882	0.001263381					2.98033	1.90607206	0.004916691						
EHMT1	NM_024757_bp910_R	AGCTAAAAAGGACGGTGATTGAGATGTTTATCTCTTGAATAAACATCTCAATCACCGTCCGG	Hs.495511	8451	-1.4815	0.55599191	0.006163747					2.665375	1.89893638	0.008114698						
EHMT1	NM_024757_bp910_R	AGCTAAAAAGGACGGTGATTGAGATGTTTATCTCTTGAATAAACATCTCAATCACCGTCCGG	Hs.495511	13827	-1.869175	0.50371695	0.000487187					3.06475	2.12880677	0.007000393						
EHMT2	NM_006709_bp2696_R	AGCTAAAAAGCGTGTGGTTTGCGCTTCAATCTCTTGAATTGAAGCGCAAACCACACGTCGG	Hs.520038	3131	0.31775	1.1241583	0.514695604					0.696625	0.26846753	0.013709736						
EHMT2	NM_006709_bp2696_R	AGCTAAAAAGCGTGTGGTTTGCGCTTCAATCTCTTGAATTGAAGCGCAAACCACACGTCGG	Hs.520038	8507	0.3455	0.83648365	0.366690646					0.75885	0.08644715	0.00579684						
EHMT2	NM_006709_bp2696_R	AGCTAAAAAGCGTGTGGTTTGCGCTTCAATCTCTTGAATTGAAGCGCAAACCACACGTCGG	Hs.520038	13883	0.329375	0.84325548	0.390725176					0.687325	0.45471915	0.028485506						
EHMT2	NM_006709_bp3016_R	AGCTAAAAAGCTCCAGGAATTTAACA

EIF2AK4	BX640919_bp1033_R	AGCTAAAAGTGGCCCTTGTCTCGGATAAATCTCTTGAATTTCTTGAATCTGCCAGAGCAAGGGCCACGG	Hs.41210 2	10809	0.3421	0.23964944	0.084048153	0.1560125	0.19022135	0.352742774													
EIF2AK4	BX640919_bp4551_R	AGCTAAAAAGCAGGTAACTTAGGAAACAAATCTCTTGAATTTGTTTCCTAAGTTACCTGCGG	Hs.41210 2	59	-0.669566667	0.71637111	0.11697803	0.8866625	0.1879185	0.002821416													
EIF2AK4	BX640919_bp4551_R	AGCTAAAAAGCAGGTAACTTAGGAAACAAATCTCTTGAATTTGTTTCCTAAGTTACCTGCGG	Hs.41210 2	5435	-0.2588	0.21156635	0.378165758	0.8164375	0.10613686	0.002649916													
EIF2AK4	BX640919_bp4551_R	AGCTAAAAAGCAGGTAACTTAGGAAACAAATCTCTTGAATTTGTTTCCTAAGTTACCTGCGG	Hs.41210 2	10811	-0.24955	0.1801001	0.386408873	0.9167125	0.18822284	0.002467434													
EIF2C1	NM_012199_bp1132_R	AGCTAAAAAGCACACGTATTTCAAGCAGAAATCTCTTGAATTTCTGCTTGAAATACTGTGCGG	Hs.22867	1304	0.3680375	0.28091939	0.106681255																
EIF2C1	NM_012199_bp1132_R	AGCTAAAAAGCACACGTATTTCAAGCAGAAATCTCTTGAATTTCTGCTTGAAATACTGTGCGG	Hs.22867	6680	0.3649625	0.246054	0.095930935									-0.1724	0.39659537	0.485065053					
EIF2C1	NM_012199_bp1132_R	AGCTAAAAAGCACACGTATTTCAAGCAGAAATCTCTTGAATTTCTGCTTGAAATACTGTGCGG	Hs.22867	12056	0.3371625	0.28439813	0.136504418									-0.213075	0.39930923	0.392704573					
EIF2C1	NM_012199_bp1665_R	AGCTAAAAGGGTCAACCTGTTTCTGCAATCTCTTGAATTGCAGAAACAAGGTTGACCCGG	Hs.22867	2369	-1.1711125	0.25123085	0.000667223									-0.138325	0.59391647	0.644309215					
EIF2C1	NM_012199_bp1665_R	AGCTAAAAGGGTCAACCTGTTTCTGCAATCTCTTGAATTGCAGAAACAAGGTTGACCCGG	Hs.22867	7745	-1.1199125	0.2287026	0.0007023									-0.067875	0.54379346	0.816157845					
EIF2C1	NM_012199_bp1665_R	AGCTAAAAGGGTCAACCTGTTTCTGCAATCTCTTGAATTGCAGAAACAAGGTTGACCCGG	Hs.22867	13121	-1.1107125	0.2026997	0.000617681									-0.1537	0.5821943	0.603851354					
EIF2C1	NM_012199_bp916_R	AGCTAAAAAGTGCTGGACATCAGGAACATATCTCTTGAATATGTTCCTGATGTCCAGCACGG	Hs.22867	1303	0.2584875	0.15242185	0.181021642									1.16325	0.47780184	0.002931552					
EIF2C1	NM_012199_bp916_R	AGCTAAAAAGTGCTGGACATCAGGAACATATCTCTTGAATATGTTCCTGATGTCCAGCACGG	Hs.22867	6679	0.2559875	0.17041361	0.192212711									1.1881	0.50664383	0.003039283					
EIF2C1	NM_012199_bp916_R	AGCTAAAAAGTGCTGGACATCAGGAACATATCTCTTGAATATGTTCCTGATGTCCAGCACGG	Hs.22867	12055	0.2262125	0.18791064	0.258946379									1.153225	0.48255069	0.003130988					
EIF2C2	NM_012154_bp1220_R	AGCTAAAAGTCCGTGAATTTGGAATCATGTCTCTTGAACATGATTCCAAATTCACGGACGG	Hs.44915	1302	0.2732875	0.2391886	0.197751498									-0.504675	0.33047714	0.058129493					
EIF2C2	NM_012154_bp1220_R	AGCTAAAAGTCCGTGAATTTGGAATCATGTCTCTTGAACATGATTCCAAATTCACGGACGG	Hs.44915	6678	0.2893875	0.28303429	0.197267128									-0.52175	0.36085308	0.056849179					
EIF2C2	NM_012154_bp1220_R	AGCTAAAAGTCCGTGAATTTGGAATCATGTCTCTTGAACATGATTCCAAATTCACGGACGG	Hs.44915	12054	0.3146625	0.28166451	0.162104028									-0.4767	0.3086664	0.065658519					
EIF2C2	NM_012154_bp163_R	AGCTAAAAGGCCAAATTCTTCGAAATGGATCTCTTGAATCCATTTCGAAGAAATTGGCCGG	Hs.44915	2367	0.1659625	0.24912614	0.461839635									-0.1689	0.47856341	0.528838468					
EIF2C2	NM_012154_bp163_R	AGCTAAAAGGCCAAATTCTTCGAAATGGATCTCTTGAATCCATTTCGAAGAAATTGGCCGG	Hs.44915	7743	0.0656375	0.18129839	0.856257024									0.030375	0.33771764	0.879580872					
EIF2C2	NM_012154_bp163_R	AGCTAAAAGGCCAAATTCTTCGAAATGGATCTCTTGAATCCATTTCGAAGAAATTGGCCGG	Hs.44915	13119	0.0509625	0.22410369	0.935104291									-0.007525	0.40857204	0.987581826					
EIF2C2	NM_012154_bp804_R	AGCTAAAAGGGTAAAGTTTACCAAAGAAATCTCTTGAATTTCTTTGGTAAACTTTACCCGG	Hs.44915	2365	-0.4344	0.01555635	0.139735893									-0.192575	0.64860934	0.537997057					
EIF2C2	NM_012154_bp804_R	AGCTAAAAGGGTAAAGTTTACCAAAGAAATCTCTTGAATTTCTTTGGTAAACTTTACCCGG	Hs.44915	7741	-0.2086											-0.137075	0.59782761	0.645538674					
EIF2C2	NM_012154_bp804_R	AGCTAAAAGGGTAAAGTTTACCAAAGAAATCTCTTGAATTTCTTTGGTAAACTTTACCCGG	Hs.44915	13117	0.101											-0.178075	0.67895675	0.579351677					
EIF2C3	NM_024852_bp2195_R	AGCTAAAAGTCCGGGAACTTCTTATTCAATCTCTTGAATTGAATAAGAAGTTCCCGGACGG	Hs.491101	1301	-0.1988625	0.25765848	0.208410729									-0.485075	0.23747847	0.051976933					
EIF2C3	NM_024852_bp2195_R	AGCTAAAAGTCCGGGAACTTCTTATTCAATCTCTTGAATTGAATAAGAAGTTCCCGGACGG	Hs.491101	6677	-0.2120875	0.25676363	0.187376497									-0.51915	0.2802238	0.040002339					
EIF2C3	NM_024852_bp2195_R	AGCTAAAAGTCCGGGAACTTCTTATTCAATCTCTTGAATTGAATAAGAAGTTCCCGGACGG	Hs.491101	12053	-0.1301125	0.21930567	0.328893722									-0.518425	0.22215861	0.039521394					
EIF2C3	NM_024852_bp566_R	AGCTAAAAGGGGTAGATTTAGACGTTACTTCTCTTGAAAGTAACGTCTAAATCTACCCCGG	Hs.491101	7737	0.0904	0.23900209	0.844436941									0.08665	0.460752	0.719643101					
EIF2C3	NM_024852_bp566_R	AGCTAAAAGGGGTAGATTTAGACGTTACTTCTCTTGAAAGTAACGTCTAAATCTACCCCGG	Hs.491101	13113	0.0977											0.1912	0.38730568	0.417161182					
EIF2C3	NM_024852_bp566_R	AGCTAAAAGGGGTAGATTTAGACGTTACTTCTCTTGAAAGTAACGTCTAAATCTACCCCGG	Hs.491101	2361	0.2575	0.05444722	0.418223873									0.33935	0.33156237	0.35877554					
EIF2C3	NM_024852_bp920_R	AGCTAAAAGCCACTGCCTCTCTACAAAGGATCTCTTGAATGCTTTGTAGAAGGCAGTGGCGG	Hs.491101	2363	0.9816375	0.38003473	0.004711892									-0.296225	0.40484186	0.249659384					
EIF2C3	NM_024852_bp920_R	AGCTAAAAGCCACTGCCTCTCTACAAAGGATCTCTTGAATGCTTTGTAGAAGGCAGTGGCGG	Hs.491101	7739	0.9817875	0.47370263	0.008288347									-0.336825	0.51168521	0.238364911					
EIF2C3	NM_024852_bp920_R	AGCTAAAAGCCACTGCCTCTCTACAAAGGATCTCTTGAATGCTTTGTAGAAGGCAGTGGCGG	Hs.491101	13115	1.0125375	0.51832055	0.009337922									-0.30935	0.44676351	0.248196517					
EIF2C4	NM_017629_bp1624_R	AGCTAAAAGGGTCAGCCATGTTTCTGCAATCTCTTGAATTGCAGAAACATGGCTGACCCGG	Hs.576376	1300	-0.1418375	0.49188968	0.471635905									0.01025	0.50974605	0.957680443					
EIF2C4	NM_017629_bp1624_R	AGCTAAAAGGGTCAGCCATGTTTCTGCAATCTCTTGAATTGCAGAAACATGGCTGACCCGG	Hs.576376	6676	-0.1500875	0.47845279	0.444705688									0.02115	0.47971128	0.92265592					
EIF2C4	NM_017629_bp1624_R	AGCTAAAAGGGTCAGCCATGTTTCTGCAATCTCTTGAATTGCAGAAACATGGCTGACCCGG	Hs.576376	12052	-0.1076125	0.4753014	0.547526221									0.059725	0.51309361	0.811184017					
EIF2C4	NM_017629_bp2202_R	AGCTAAAAGAGGGGTATCTGAGGGACAAATCTCTTGAATTTGTTCCCTCAGATACCCCTCGG	Hs.576376	2359	0.5124875	0.32268279	0.045754743									0.1552	0.90556715	0.677537843					
EIF2C4	NM_017629_bp2202_R	AGCTAAAAGAGGGGTATCTGAGGGACAAATCTCTTGAATTTGTTCCCTCAGATACCCCTCGG	Hs.576376	7735	0.5815875	0.30269348	0.026051834									-0.005775	0.89170267	0.995766843					
EIF2C4	NM_017629_bp2202_R	AGCTAAAAGAGGGGTATCTGAGGGACAAATCTCTTGAATTTGTTCCCTCAGATACCCCTCGG	Hs.576376	13111	0.7406125	0.46028071	0.023903818									0.0776	0.95328263	0.836794439					
EIF2C4	NM_017629_bp922_R	AGCTAAAAGCGTGTCAAATTTACCAAAGATCTCTTGAATCTTTGGTAAATTTGACACGCGG	Hs.576376	1299	-0.5568375	0.42787091	0.036628889									-0.3711	0.13354258	0.094762068					
EIF2C4	NM_017629_bp922_R	AGCTAAAAGCGTGTCAAATTTACCAAAGATCTCTTGAATCTTTGGTAAATTTGACACGCGG	Hs.576376	6675	-0.5323875	0.42428647	0.041345178									-0.3984	0.12916302	0.076942925					
EIF2C4	NM_017629_bp922_R	AGCTAAAAGCGTGTCAAATTTACCAAAGATCTCTTGAATCTTTGGTAAATTTGACACGCGG	Hs.576376	12051	-0.5141125	0.38786958	0.038633156									-0.346475	0.12333268	0.112853347					
ELAC1	NM_005359_bp1001_R	AGCTAAAAGCCAGCTACTTACCATCATAATCTCTTGAATTATGATGGTAAGTAGCTGGCGG	Hs.75862	1117	1.2295375	0.27557658	0.000727653									0.0803375	0.39956831	0.736776963					
ELAC1	NM_005359_bp1001_R	AGCTAAAAGCCAGCTACTTACCATCATAATCTCTTGAATTATGATGGTAAGTAGCTGGCGG	Hs.75862	6493	1.2277625	0.25209131	0.00062486									-0.0241875	0.40232223	0.91923925					
ELAC1	NM_005359_bp1001_R	AGCTAAAAGCCAGCTACTTACCATCATAATCTCTTGAATTATGATGGTAAGTAGCTGGCGG	Hs.75862	11869	1.1634375	0.31881523	0.001260981									-0.0056375	0.39921178	0.981082648					
ELAC1	NM_005359_bp1668_R	AGCTAAAGCTCCAGCTATCAGTCTGTCATCTCTTGAATGACAGACATGATAGCTGGAGCGG	Hs.75862	2098	-0.8928625	0.54197789	0.015046769									-0.399685	0.29442664	0.101918231					
ELAC1	NM_005359_bp1668_R	AGCTAAAGCTCCAGCTATCAGTCTGTCATCTCTTGAATGACAGACATGATAGCTGGAGCGG	Hs.75862	7474	-1.3160875	0.30262873	0.000638611									-0.5238875	0.71432869	0.139880163					
ELAC1	NM_005359_bp1668_R	AGCTAAAAGCTCCAGCTATCAGTCTGTCATCTCTTGAATGACAGACATGATAGCTGGAGCGG	Hs.75862	12850	-1.1848375	0.42034706	0.002288212									-0.8323875	0.64000044	0.027195403					
ELAC1	NM_005359_bp1692_R	AGCTAAAAGCTGCTGGAATTGTCTCTTGAATCCAACACCAATTCCAGCAGCGGG	Hs.75862	1118	-0.8894875	0.46594924	0.010149696									-0.2404625	1.00511721	0.565707474					
ELAC1	NM_005359_bp1692_R	AGCTAAAAGCTGCTGGAATTGTCTCTTGAATCCAACACCAATTCCAGCAGCGGG	Hs.75862	6494	-0.9381375	0.50093633	0.009976723									-0.2885375	1.20716042	0.553557312					
ELAC1	NM_005359_bp1692_R	AGCTAAAAGCTGCTGGAATTGTCTCTTGAATCCAACACCAATTCCAGCAGCGGG	Hs.75862	11870	-0.9187875	0.47288055	0.009271348									-0.291125	1.06549588	0.508545452					
ELAVL1	NM_001419_bp4205_R	AGCTAAAAAGCACACATCCCTGCGTGAATATTCTCTTGAAATATTCACGCAGGATGGTGGCGG	Hs.184492	2438	-1.040275	0.19769226	0.00141342									-0.1114875	0.38925157	0.772738795					
ELAVL1	NM_001419_bp4205_R	AGCTAAAAAGCACACATCCCTGCGTGAATATTCTCTTGAATATTCACGCAGGATGGTGGCGG	Hs.184492	7814	-0.8781175	0.5702269	0.022952708									0.0250125	0.17362306	0.734109698					
ELAVL1	NM_001419_bp4205_R	AGCTAAAAAGCACACATCCCTGCGTGAATATTCTCTTGAATATTCACGCAGGATGGTGGCGG	Hs.184492	13190	-0.969625	0.44149061	0.007381466									-0.1476875	0.12209677	0.591020025					
ELAVL1	NM_001419_bp610_R	AGCTAAAAAGGGTTGCGTTTATCCGGTTTGTGTCTTGAACAAACCGGATAAACGCAACCCGG	Hs.184492	2436	-0.413175	0.38452164	0.130676801									-0.4193625	1.03195261	0.38503372					
ELAVL1	NM_001419_bp610_R	AGCTAAAAGGGTTGCGTTTATCCGGTTTGTGTCTTGAACAAACCGGATAAACGCAACCCGG	Hs.184492	7812	-0.162025	0.3658042	0.610415265									-0.6328875	0.64171463	0.084673137					
ELAVL1	NM_001419_bp610_R	AGCTAAAAAGGGTTGCGTTTATCCGGTTTGTGTCTTGAACAAACCGGATAAACGCAACCCGG	Hs.184492	13188	-0.1743	0.61923996	0.681585369									-0.7467375	0.52855258	0.033641489					
ELAVL1	NM_001419_bp992_R	AGCTAAAAGATCCCGCGACTTCAACACCAATCTCTTGAATTGGTGTTGAAGTCGCGGATCGGG	Hs.184492	2434	-0.851775	0.30159559	0.007321043									-0.7413875	0.82334198	0.084114033					
ELAVL1	NM_001419_bp992_R	AGCTAAAAGATCCCGCGACTTCAACACCAATCTCTTGAATTGGTGTTGAAGTCGCGGATCGGG	Hs.184492	7810	-0.7124	0.41093993	0.058117006									-0.5686875	0.76879627	0.153744991					
ELAVL1	NM_001419_bp992_R	AGCTAAAAGATCCCGCGACTTCAACACCAATCTCTTGAATTGGTGTTGAAGTCGCGGATCGGG	Hs.184492	13186	-0.655266667	0.4481685	0.081709647									-0.5750625	0.74390082	0.142067312					
ELAVL2	BC030692_bp1059_R	AGCTAAAAGTGGTGTATATTTGTGTACAATCTCTTGAATTGTACACAAATATACACCACGG	Hs.166109	4519	-0.760675	0.20941812	0.004120933	-0.741125	0.44716811	0.024763159	0.402533333	0.51853611	0.229575186										
ELAVL2	BC030692_bp1059_R	AGCTAAAAGTGGTGTATATTTGTGTACAATCTCTTGAATTGTACACAAATATACACCACGG	Hs.166109	9895	-0.666575	0.27026407	0.010166915	-0.7697	0.25113825	0.002147624	0.301666667	0.39811828	0.312746304										
ELAVL2	BC030692_bp1059_R	AGCTAAAAGTGGTGTATATTTGTGTACAATCTCTTGAATTGTACACAAATATACACCACGG	Hs.166109	15271	-0.618725	0.31935821	0.017948221	-0.67875	0.10027833	0.005425899	0.2281	0.46304688	0.455635136										
ELAVL2	BC030692_bp1275_R	AGCTAAAAAGCAGGTCTCCTTTAAGACAAATCTCTTGAATTTGTCTTAAAGGAGACCTGCGG	Hs.166109	4517	-0.2638	0.70330913	0.470692592	-0.0565	0.16811914	0.716705809	-0.57423333	0.36624951	0.080097036										
ELAVL2	BC030692_bp1275_R	AGCTAAAAAGCAGGTCTCCTTTAAGACAAATCTCTTGAATTTGTCTTAAAGGAGACCTGCGG	Hs.166109	9893	-0.232766667	0.64181544	0.494626417	-0.191025	0.35479093	0.374779526	-0.6367	0.89787166	0.168370767										
ELAVL2	BC030692_bp1275_R	AGCTAAAAAGCAGGTCTCCTTTAAGACAAATCTCTTGAATTTGTCTTAAAGGAGACCTGCGG	Hs.166109	15269	-0.268025	1.07512607	0.565011534				-0.5088	0.69777297	0.265964577										
ELAVL2	BC030692_bp719_R	AGCTAAAAGACGCATTATTACTTCTCGTATCTCTTGAATACGAGAAGTAATAATGCGTCGG	Hs.166109	4521	0.848425	0.77888189	0.048780715	-0.020133333	0.32369468	0.932163534	-0.57893333	0.47727678	0.097553811										
ELAVL2	BC030692_bp719_R	AGCTAAAAGACGCATTATTACTTCTCGTATCTCTTGAATACGAGAAGTAATAATGCGTCGG	Hs.166109	9897	0.776225	0.60186972	0.033065993	0.1819	0.18004679	0.28091831	-0.43903333	0.28211814	0.137640256										
ELAVL2	BC030692_bp719_R	AGCTAAAAGACGCATTATTACTTCTCGTATCTCTTGAATACGAGAAGTAATAATGCGTCGG	Hs.166109	15273	0.588125	0.42663983	0.037609577	0.1105	0.08816976	0.451010974	-0.62153333	0.33197561	0.059578208										
ELL3	AK126384_bp1214_R	AGCTAAAAGCCAGACCCATGTTCCAAACATCTCTTGAATGTTTGGAACATGGGTCTGGCGGG	Hs.591095	3935	0.0087625	0.29179934	0.961252959				-0.333225	0.15292932	0.125943577										
ELL3	AK126384_bp1214_R	AGCTAAAAGCCAGACCCATGTTCCAAACATCTCTTGAATGTTTGGAACATGGGTCTGGCGGG	Hs.591095	9311	-0.0127375	0.36747599	0.949705464				-0.309375	0.1727061	0.154017237										
ELL3	AK126384_bp1214_R	AGCTAAAAGCCAGACCCATGTTCCAAACATCTCTTGAATGTTTGGAACATGGGTCTGGCGGG	Hs.591095	14687	0.0501375	0.43107248	0.821557642				-0.211225	0.28045098	0.342654916										
ELL3	AK126384_bp1370_R	AGCTAAAAGCCTGACCAATCAGGATTTACTCTCTTGAAGTAAATCCTGATTGGTCAGGCGG	Hs.591095	3961	-0.0509875	0.30025592	0.780988129				-0.030675	0.40990987	0.898440132										
ELL3	AK126384_bp1370_R	AGCTAAAGCCTGACCAATCAGGATTTACTCTCTTGAAGTAAATCCTGATTGGTCAGGCGG	Hs.591095	9337	0.0351875	0.1886343	0.822042441				-0.231675	0.11337391	0.255274018										
ELL3	AK126384_bp1370_R	AGCTAAAGCCTGACCAATCAGGATTTACTCTCTTGAAGTAAATCCTGATTGGTCAGGCGG	Hs.591095	14713	-0.0252375	0.23043748	0.878605513				0.15315	0.5423239	0.579949783										
ELL3	AK126384_bp1856_R	AGCTAAAAGAGCCCTCTGCTTAGTGAAACATCTCTTGAATGTTTCACTAAGCAGAGGCTCGG	Hs.591095	3933	0.357733333	0.49135116	0.241561413				-0.0945	0.2441125	0.632224787										
ELL3	AK126384_bp1856_R	AGCTAAAAGAGCCCTCTGCTTAGTGAAACATCTCTTGAATGTTTCACTAAGCAGAGGCTCGG	Hs.591095	9309	0.15335	0.35871527	0.418763391				-0.184525	0.28994974	0.406357904										
ELL3	AK126384_bp1856_R	AGCTAAAAGAGCCCTCTGCTTAGTGAAACATCTCTTGAATGTTTCACTAAGCAGAGGCTCGG	Hs.591095	14685	0.343716667	0.33534267	0.185973932				-0.281025	0.39007272	0.25993318										
ELMO2	AL713765_bp1735_R	AGCTAAAAGTCCCAGATCTGTACATTGGATCTCTTGAATCCAATGTACAGATCTGGGACGG	Hs.73765	2936	0.0648625	0.3948704	0.758904228				0.56815	0.18330242	0.024521474										
ELMO2	AL713765_bp1735_R	AGCTAAAAGTCCCAGATCTGTACATTGGATCTCTTGAATCCAATGTACAGATCTGGGACGG	Hs.73765	9312	0.0971125	0.47865677	0.684980588				0.549075	0.17923252	0.02768988										
ELMO2	AL713765_bp1735_R	AGCTAAAAGTCCCAGATCTGTACATTGGATCTCTTGAATCCAATGTACAGATCTGGGACGG	Hs.73765	14688	0.1172875	0.46548729	0.619253437				0.61975	0.19999414	0.018099739										
ELMO2	AL713765_bp2491_R	AGCTAAAAGTTCCATCGCTCTAATTTAAATCTCTTGAATTTAAATTAGAGCGATGGAACGG	Hs.73765	3932	-0.2566875	0.53520141	0.340888483				-0.1262	0.25926546	0.554492183										
ELMO2	AL713765_bp2491_R	AGCTAAAAGTTCCATCGCTCTAATTTAAATCTCTTGAATTTAAATTAGAGCGATGGAACGG	Hs.73765	9308	-0.2944375	0.45690565	0.236309625				-0.39085	0.26164407	0.100728566										
ELMO2	AL713765_bp2491_R	AGCTAAAAGTTCCATCGCTCTAATTTAAATCTCTTGAATTTAAATTAGAGCGATGGAACGG	Hs.73765	14684	-0.1979875	0.34991189	0.338410981				-0.1265	0.38554254	0.59453884										
ELMO2	AL713765_bp2769_R	AGCTAAAAGCCCAGACAGCTAGTACTTGTTCTCTTGAAACAAGTCATAGCTGCTGGGCGG	Hs.73765	3934	-0.4580375	0.20689222	0.029568964				0.031525	0.2549267	0.880535188										
ELMO2	AL713765_bp2769_R	AGCTAAAAGCCCAGACAGCTAGTACTTGTTCTCTTGAAACAAGTCATAGCTGCTGGGCGG	Hs.73765	9310	-0.4650625	0.24570425	0.033741808				-0.148835	0.23788207	0.482840823										
ELMO2	AL713765_bp2769_R	AGCTAAAAGCCCAGACAGCTAGTACTTGTTCTCTTGAAACAAGTCATAGCTGCTGGGCGG	Hs.73765	14686	-0.3818125	0.16136718	0.044799934				-0.051625	0.36272795	0.822636399										
ELOVL7	XM_371740_bp1118_R	AGCTAAAAATTGTCCAGTTTGTTATTGTTCTCTTGAAACAATAACAAACTGGAACAAGCCGG	Hs.274256	3485	-0.91285	0.39952271	0.00617292				-0.2150875	1.02705185	0.612399443										
ELOVL7	XM_371740_bp1118_R	AGCTAAAAATTGTCCAGTTTGTTATTGTTCTCTTGAAACAATAACAAACTGGAACAAGCCGG	Hs.274256	8861	-1.081633333	0.05610357	0.002983125				-0.0638875	0.68125881	0.837969732										
ELOVL7	XM_371740_bp1118_R	AGCTAAAAATTGTCCAGTTTGTTATTGTTCTCTTGAAACAATAACAAACTGGAACAAGCCGG	Hs.274256	14237	-0.603075	1.28824699	0.293912255				-0.408625	0.15943785	0.072777574										
ELOVL7	XM_371740_bp1200_R	AGCTAAAAGCGTGCATCATTATGAGTTACTCTCTTGAAGTAACTCATAATGATGCACGCGG	Hs.274256	3483	-0.646125	1.03069362	0.183522943				-0.1387875	0.58045068	0.627767427										
ELOVL7	XM_371740_bp1200_R	AGCTAAAAGCGTGCATCATTATGAGTTACTCTCTTGAAGTAACTCATAATGATGCACGCGG	Hs.274256	8859	-0.416866667	0.4581456	0.170994458				0.0401375	0.10138417	0.834135										
ELOVL7	XM_371740_bp1200_R	AGCTAAAAGCGTGCATCATTATGAGTTACTCTCTTGAAGTAACTCATAATGATGCACGCGG	Hs.274256	14235	-0.851633333	0.51025573	0.032890083				0.1863875	0.31464026	0.411205971										
ELOVL7	XM_371740_bp753_R	AGCTAAAAGGCTGGGGTATAGGTTATTCATCTCTTGAATGAATAACCTATACCCCAGCCGG	Hs.274256	3481	-0.351575	0.40775999	0.145121893				0.2885125	0.49161852	0.290781003										
ELOVL7	XM_371740_bp753_R	AGCTAAAAGGCTGGGGTATAGGTTATTCATCTCTTGAATGAATAACCTATACCCCAGCCGG	Hs.274256	8857	-0.896075	0.35807036	0.005155928				0.8217875	0.42339184	0.012230654										
ELOVL7	XM_371740_bp753_R	AGCTAAAAGGCTGGGGTATAGGTTATTCATCTCTTGAATGAATAACCTATACCCCAGCCGG	Hs.274256	14233	-0.483525	0.20013922	0.023669297				0.2397875	0.21113557	0.26377435										
ENPP2	NM_006209_bp1854_R	AGCTAAAAAGACCCAATTATCCAGGGATTATCTCTTGAATAATCCCTGGATAATTGGGTCGG	Hs.190977	1298	-0.589883333	0.52387607	0.081645679				0.288875	0.3546067	0.23043182										
ENPP2	NM_006209_bp1854_R	AGCTAAAAAGACCCAATTATCCAGGGATTATCTCTTGAATAATCCCTGGATAATTGGGTCGG	Hs.190977	6674	-0.5549625	0.40983253	0.03376493				0.31235	0.2884937	0.176786946										
ENPP2	NM_006209_bp1854_R	AGCTAAAAAGACCCAATTATCCAGGGATTATCTCTTGAATAATCCCTGGATAATTGGGTCGG	Hs.190977	12050	-0.5152375	0.36218035	0.033674479				0.24755	0.31717332	0.279657027										
ENPP2	NM_006209_bp230_R	AGCTAAAAGGACAGTGCTTTGAACTTCAATCTCTTGAATTGAAGTTCAAAGCACCTGCCGG	Hs.190977	2357	-0.0695125	0.40056074	0.61824997				0.33195	0.49718513	0.22645701										
ENPP2	NM_006209_bp230_R	AGCTAAAAGGACAGTGCTTTGAACTTCAATCTCTTGAATTGAAGTTCAAAGCACCTGCCGG	Hs.190977	7773	-0.0663375	0.30570836	0.573886652				0.4596	0.4360896	0.095145699										
ENPP2	NM_006209_bp230_R	AGCTAAAAGGACAGTGCTTTGAACTTCAATCTCTTGAATTGAAGTTCAAAGCACCTGCCGG	Hs.190977	13109	0.0658875	0.48451401	0.906190937				0.3607	0.46818307	0.181519436										
ENPP2	NM_006209_bp430_R	AGCTAAAAGGGACGACTGCTGTACCAATTATCTCTTGAATAATTGGTACAGCAGTCTCCCGG	Hs.190977	2355	-0.9966375	0.16117366	0.000779583				0.460175	1.17670321	0.345286982										
ENPP2	NM_006209_bp430_R	AGCTAAAAGGGACGACTGCTGTACCAATTATCTCTTGAATAATTGGTACAGCAGTCTCCCGG	Hs.190977	7771	-1.0072625	0.43705574	0.004338088				0.557625	1.03608263	0.217023733										
ENPP2	NM_006209_bp430_R	AGCTAAAAGGGACGACTGCTGTACCAATTATCTCTTGAATAATTGGTACAGCAGTCTCCCGG	Hs.190977	13107	-1.1731125	0.22802789	0.00057145				-0.06015	0.63137069	0.851283953										
ENSA	NM_021960_bp1040_R	AGCTAAAAGACTGGCTAGTTAAACAAAGATCTCTTGAATCTTTGTTTAACTAGCCAGTCGG	Hs.163936	887	1.4986125	0.49043049	0.00124596				0.011683333	0.71864504	0.974316045	0.1071	0.17714901	0.313205992	0.239	0.4211876	0.338896632				
ENSA	NM_021960_bp1040_R	AGCTAAAAGACTGGCTAGTTAAACAAAGATCTCTTGAATCTTTGTTTAACTAGCCAGTCGG	Hs.163936	6263	1.5189375	0.50145074	0.001256246				-0.03015

EPHA2	NM_004431_bp1850_R	AGCTAAAAGGAGGACGTTTACTTCTCCAATCTCTTGAATTGGAGAAGTAAACGTCCTCCGG	Hs.171596	263	1.582175	2.6393204	0.184484498	-0.014033333	1.60230824	0.985501617				
EPHA2	NM_004431_bp1850_R	AGCTAAAAGGAGGACGTTTACTTCTCCAATCTCTTGAATTGGAGAAGTAAACGTCTCCCGG	Hs.171596	5639	3.254775	4.47574876	0.111398389	-0.751366667	1.27698257	0.275756462				
EPHA2	NM_004431_bp1850_R	AGCTAAAAGGAGGACGTTTACTTCTCCAATCTCTTGAATTGGAGAAGTAAACGTCTCCCGG	Hs.171596	11015	1.251625	5.09620176	0.553995051	-0.020966667	3.02107323	0.988276276				
EPHA2	NM_004431_bp2174_R	AGCTAAAAGGGCGTCATCTCCAAATACAATCTCTTGAATTGTATTTGGAGATGACGCCCGG	Hs.171596	5640	2.293983333	1.7965574	0.037626955	-0.950166667	5.67078621	0.723885735				
EPHA2	NM_004431_bp2174_R	AGCTAAAAGGGCGTCATCTCCAAATACAATCTCTTGAATTGTATTTGGAGATGACGCCCGG	Hs.171596	11016	2.097183333	2.41077475	0.10280323	-1.013033333	7.38499726	0.771481715				
EPHA2	NM_004431_bp2174_R	AGCTAAAAGGGCGTCATCTCCAAATACAATCTCTTGAATTGTATTTGGAGATGACGCCCGG	Hs.171596	264	1.4024			0.3333						
EPHA2	NM_004431_bp2870_R	AGCTAAAAGTGGCTGGAGTCCATCAAGATTCTCTTGAAATCTTGATGGACTCCAGCCACGG	Hs.171596	1790	1.355525	0.77095094	0.008667609	0.793366667	2.88333824	0.575080369				
EPHA2	NM_004431_bp2870_R	AGCTAAAAGTGGCTGGAGTCCATCAAGATTCTCTTGAAATCTTGATGGACTCCAGCCACGG	Hs.171596	12542	1.33865	0.9120802	0.010606709	0.323033333	4.62011367	0.881975674				
EPHA2	NM_004431_bp2870_R	AGCTAAAAGTGGCTGGAGTCCATCAAGATTCTCTTGAAATCTTGATGGACTCCAGCCACGG	Hs.171596	7166	1.02695	0.73880979	0.040387432	2.3236	1.82829529	0.088571678				
EPHA3	NM_005233_bp1718_R	AGCTAAAAGCCTCAAGCCTGACACTATATTCTCTTGAAATATAGTGTCAGGCTTGAGGCCGG	Hs.123642	389	-0.491975	1.24655683	0.369372275	-0.156033333	2.51607455	0.89604575				
EPHA3	NM_005233_bp1718_R	AGCTAAAAGCCTCAAGCCTGACACTATATTCTCTTGAAATATAGTGTCAGGCTTGAGGCCGG	Hs.123642	5765	-0.8803	2.34700118	0.380885232	-1.276066667	5.33507297	0.61770821				
EPHA3	NM_005233_bp1718_R	AGCTAAAAGCCTCAAGCCTGACACTATATTCTCTTGAAATATAGTGTCAGGCTTGAGGCCGG	Hs.123642	11141	-1.2275	3.02598157	0.344707855	-1.101233333	6.21275961	0.708833842				
EPHA3	NM_005233_bp1787_R	AGCTAAAAGCCGCAAGTTTGAGTTTGAAATCTCTTGAATTTCAAACTCAAACTTGCGGCCGG	Hs.123642	6993	-3.38185	9.74004236	0.456887187							
EPHA3	NM_005233_bp1787_R	AGCTAAAAGCCGCAAGTTTGAGTTTGAAATCTCTTGAATTTCAAACTCAAACTTGCGGCCGG	Hs.123642	12369	0.315975	3.53224586	0.842200659	-1.586						
EPHA3	NM_005233_bp1787_R	AGCTAAAAGCCGCAAGTTTGAGTTTGAAATCTCTTGAATTTCAAACTCAAACTTGCGGCCGG	Hs.123642	1617	-5.2222									
EPHA4	NM_004438_bp1112_R	AGCTAAAAGCCAGGACATTTCCTATAATGTCTCTTGAACATTATAGGAAATGTCCTGGCGG	Hs.171218	1792	1.3636	3.53703025	0.366358049	-0.716766667	1.89831125	0.450796173				
EPHA4	NM_004438_bp1112_R	AGCTAAAAGCCAGGACATTTCCTATAATGTCTCTTGAACATTATAGGAAATGTCCTGGCGG	Hs.171218	7168	2.02295	4.32162485	0.281272474	-0.4727	1.79571636	0.591493606				
EPHA4	NM_004438_bp1112_R	AGCTAAAAGCCAGGACATTTCCTATAATGTCTCTTGAACATTATAGGAAATGTCCTGGCGG	Hs.171218	12544	2.043125	4.08269962	0.253366978	0.0583	1.1787451	0.920165279				
EPHA4	NM_004438_bp2102_R	AGCTAAAAGGTGGTCACTAAATGTAAACTCTCTTGAAGTTTACATTTAGTGACCACGCGG	Hs.171218	277	-0.04165	1.09183055	0.92850278	0.260666667	1.20985464	0.66679343				
EPHA4	NM_004438_bp2102_R	AGCTAAAAGGTGGTCACTAAATGTAAACTCTCTTGAAGTTTACATTTAGTGACCACGCGG	Hs.171218	5653	-0.29415	1.09328467	0.53519068	0.239733333	1.55152868	0.750911567				
EPHA4	NM_004438_bp2102_R	AGCTAAAAGGTGGTCACTAAATGTAAACTCTCTTGAAGTTTACATTTAGTGACCACGCGG	Hs.171218	11029	-0.349275	1.03379624	0.443559146	0.333066667	1.5780783	0.666425035				
EPHA4	NM_004438_bp2223_R	AGCTAAAAGGGTCTGGGATGAAGTATTTATCTCTTGAATAAATACTTCATCCCAGACCGG	Hs.171218	278	1.2892	1.61747924	0.099376478	1.1443	1.1632286	0.10914032				
EPHA4	NM_004438_bp2223_R	AGCTAAAAGGGTCTGGGATGAAGTATTTATCTCTTGAATAAATACTTCATCCCAGACCGG	Hs.171218	5654	0.90425	1.59579075	0.210783657	0.8594	1.43879283	0.266196422				
EPHA4	NM_004438_bp2223_R	AGCTAAAAGGGTCTGGGATGAAGTATTTATCTCTTGAATAAATACTTCATCCCAGACCGG	Hs.171218	11030	-0.714275	0.8303496	0.093836519	0.761666667	1.9517795	0.43664131				
EPHA5	NM_004439_bp2782_R	AGCTAAAAAGCTGGATTGCTGGCAGAAAGATCTCTTGAATCTTTCTGCCAGCAATCCAGCGG	Hs.479853	12546	2.132725	2.90123711	0.1173935	1.0384	0.62718086	0.038842403				
EPHA5	NM_004439_bp2782_R	AGCTAAAAGCTGGATTGCTGGCAGAAAGATCTCTTGAATCTTTCTGCCAGCAATCCAGCGG	Hs.479853	1794	1.68775	1.50817973	0.056714717	0.4205	0.76424101	0.404178477				
EPHA5	NM_004439_bp2782_R	AGCTAAAAGCTGGATTGCTGGCAGAAAGATCTCTTGAATCTTTCTGCCAGCAATCCAGCGG	Hs.479853	7170	2.229316667	3.3398527	0.178978539	0.9965	1.12176379	0.039681745				
EPHA5	NM_004439_bp2814_R	AGCTAAAAAGGCCCAAGTTTGATGAAATAGTCTCTTGAACTATTTCATCAAACTTGGGCCGG	Hs.479853	1796	2.50295	2.66283573	0.060564275	-4.3507	2.43471646	0.020290888				
EPHA5	NM_004439_bp2814_R	AGCTAAAAAGGCCCAAGTTTGATGAAATAGTCTCTTGAACTATTTCATCAAACTTGGGCCGG	Hs.479853	7172	2.9538	2.77650942	0.041069373	-3.869	5.15184889	0.171585353				
EPHA5	NM_004439_bp2814_R	AGCTAAAAAGGCCCAAGTTTGATGAAATAGTCTCTTGAACTATTTCATCAAACTTGGGCCGG	Hs.479853	12548	2.8904	2.31414144	0.023972017	-3.2891	5.93718449	0.283154088				
EPHA6	XM_114973_bp1108_R	AGCTAAAAAGCATCTGCAGTACAGGATATGTCTCTTGAACATATCCTGTACTGCAGATGCGG	Hs.29259	7402	1.9944	1.83861905	0.084169122	1.880533333	7.21927658	0.587666081				
EPHA6	XM_114973_bp1108_R	AGCTAAAAAGCATCTGCAGTACAGGATATGTCTCTTGAACATATCCTGTACTGCAGATGCGG	Hs.29259	12778	1.8075	1.46653946	0.066588615	1.308666667	5.8264804	0.638387375				
EPHA6	XM_114973_bp1108_R	AGCTAAAAAGCATCTGCAGTACAGGATATGTCTCTTGAACATATCCTGTACTGCAGATGCGG	Hs.29259	2026	1.6089	1.3846565	0.07771838	-1.5483	5.51769564	0.584802256				
EPHA6	XM_114973_bp846_R	AGCTAAAAAGTGGGGGCCTATAGAAAGGAAATCTCTTGAATTTCCTTTCTATAGGCCCCACGG	Hs.29259	12780				0.1317						
EPHA6	XM_114973_bp940_R	AGCTAAAAAGCCCCTTCACTGTTCGTAACTTCTCTTGAAAGTTACGAACGTGAAGGGGCGG	Hs.29259	7406				-0.537025	0.56938463	0.105747309				
EPHA6	XM_114973_bp940_R	AGCTAAAAAGCCCCTTCACTGTTCGTAACTTCTCTTGAAAGTTACGAACGTGAAGGGGCGG	Hs.29259	2030				-0.8716						
EPHA6	XM_114973_bp940_R	AGCTAAAAAGCCCCTTCACTGTTCGTAACTTCTCTTGAAAGTTACGAACGTGAAGGGGCGG	Hs.29259	12782	-0.22655	0.526441	0.528227165	-0.333066667	0.839233	0.461626675				
EPHA7	NM_004440_bp2323_R	AGCTAAAAAGCAACCAGTCATGATAGTATCTCTTGAATACTATCATGACTGGTTTCCCGG	Hs.73962	1800										
EPHA7	NM_004440_bp2323_R	AGCTAAAAAGCAACCAGTCATGATAGTATCTCTTGAATACTATCATGACTGGTTTCCCGG	Hs.73962	7176										
EPHA7	NM_004440_bp2323_R	AGCTAAAAAGCAACCAGTCATGATAGTATCTCTTGAATACTATCATGACTGGTTTCCCGG	Hs.73962	12552										
EPHA7	NM_004440_bp2440_R	AGCTAAAAAGCTGCTGGAATGAGATATTTGTCTCTTGAACAAATATCTCATTCCAGCAAGCGG	Hs.73962	5655	-0.53065	0.60227421	0.10280348	-0.151666667	1.06551087	0.776607852				
EPHA7	NM_004440_bp2440_R	AGCTAAAAAGCTGCTGGAATGAGATATTTGTCTCTTGAACAAATATCTCATTCCAGCAAGCGG	Hs.73962	11031	-0.582375	0.53295877	0.061949449	-0.210033333	1.12920735	0.710309195				
EPHA7	NM_004440_bp2440_R	AGCTAAAAAGCTGCTGGAATGAGATATTTGTCTCTTGAACAAATATCTCATTCCAGCAAGCGG	Hs.73962	279	0.2377	0.92701699	0.630165545	0.9325						
EPHA8	NM_020526_bp319_R	AGCTAAAAGTACCAGGTTTGCAACGTCATTCTCTTGAAATGACGTTGCAAACCTGGTACGG	Hs.283613	632	0.0888	0.64498036	0.698946349	0.39625	0.47081171	0.154209609				
EPHA8	NM_020526_bp319_R	AGCTAAAAGTACCAGGTTTGCAACGTCATTCTCTTGAAATGACGTTGCAAACCTGGTACGG	Hs.283613	6008	0.527133333	0.57405737	0.140195013	0.6436	0.52950198	0.0562048				
EPHA8	NM_020526_bp319_R	AGCTAAAAGTACCAGGTTTGCAACGTCATTCTCTTGAAATGACGTTGCAAACCTGGTACGG	Hs.283613	11384	0.671366667	0.56560433	0.077446028	0.9223	0.49486064	0.014720803				
EPHA8	NM_020526_bp399_R	AGCTAAAAGCGTCTATGCTGAGATCAAGTTCTCTTGAAACTTGATCTCAGCATAGACGCGG	Hs.283613	633	-0.85315	0.0681114	0.001303721	0.24835	0.51757935	0.366761765				
EPHA8	NM_020526_bp399_R	AGCTAAAAGCGTCTATGCTGAGATCAAGTTCTCTTGAAACTTGATCTCAGCATAGACGCGG	Hs.283613	6009	-0.7113	0.14382126	0.003889561	0.401625	0.51582876	0.171375271				
EPHA8	NM_020526_bp399_R	AGCTAAAAGCGTCTATGCTGAGATCAAGTTCTCTTGAAACTTGATCTCAGCATAGACGCGG	Hs.283613	11385	-0.49225	0.49687245	0.086733711	0.37485	0.62913323	0.255004672				
EPHA8	NM_020526_bp941_R	AGCTAAAAAGAGCTGGGCTTCTACAAGTCATCTCTTGAATGACTTGTAGAAGCCCAAGCTCGG	Hs.283613	634	0.267125	0.30145586	0.185373157	-0.72095	0.19598691	0.006704639				
EPHA8	NM_020526_bp941_R	AGCTAAAAAGAGCTGGGCTTCTACAAGTCATCTCTTGAATGACTTGTAGAAGCCCAAGCTCGG	Hs.283613	6010	0.32875	0.32501843	0.127730192	-0.643775	0.22605006	0.012124047				
EPHA8	NM_020526_bp941_R	AGCTAAAAAGAGCTGGGCTTCTACAAGTCATCTCTTGAATGACTTGTAGAAGCCCAAGCTCGG	Hs.283613	11386	0.398175	0.29653786	0.069284081	-0.557775	0.21763815	0.019380832				
EPHB1	NM_004441_bp1909_R	AGCTAAAAAGAAACGGGCTTATAGCAAAGATCTCTTGAATCTTTTGCTATAAGCCCGTTTCGG	Hs.116092	1826	2.239783333	2.90641773	0.134095475							
EPHB1	NM_004441_bp1909_R	AGCTAAAAAGAAACGGGCTTATAGCAAAGATCTCTTGAATCTTTTGCTATAAGCCCGTTTCGG	Hs.116092	7202	4.904016667	4.66958879	0.061887911	-0.380166667	4.02915691	0.841602981				
EPHB1	NM_004441_bp1909_R	AGCTAAAAAGAAACGGGCTTATAGCAAAGATCTCTTGAATCTTTTGCTATAAGCCCGTTTCGG	Hs.116092	12578	4.306425	4.64268532	0.062022317	-1.2555	5.77564819	0.667743137				
EPHB1	NM_004441_bp2045_R	AGCTAAAAAGCCCAAGGAGATTGATGTATCTTCTCTTGAAAGATACATCAACTTCCTTGGCGG	Hs.116092	5656	-0.583325	1.00468484	0.213393313	-3.568833333	0.56581983	0.000588681				
EPHB1	NM_004441_bp2045_R	AGCTAAAAGCCAAGGAGATTGATGTATCTTCTCTTGAAAGATACATCAACTTCCTTGGCGG	Hs.116092	11032	-0.5498	0.993681	0.232911525	-3.876066667	1.12774397	0.002899051				
EPHB1	NM_004441_bp2045_R	AGCTAAAAGCCAAGGAGATTGATGTATCTTCTCTTGAAAGATACATCAACTTCCTTGGCGG	Hs.116092	280	0.5869			0.6066						
EPHB1	NM_004441_bp538_R	AGCTAAAAGACCTTCAACTTGTATTACTATCTCTTGAATAGTAATACAAGTTGAAGGTCGG	Hs.116092	11033	-0.09035	1.10591396	0.847682671	0.5455	0.7714535	0.3037947				
EPHB1	NM_004441_bp538_R	AGCTAAAAGACCTTCAACTTGTATTACTATCTCTTGAATAGTAATACAAGTTGAAGGTCGG	Hs.116092	5657	-0.376975	0.74815433	0.399652674	0.6265						
EPHB2	NM_004442_bp1005_R	AGCTAAAAAGCGTGTGATTTCCAGTGTCAATCTCTTGAATTGACACTGGAAATCACAGCCGG	Hs.523329	5658	0.025325	1.99475538	0.97541755	-2.394166667	2.25215956	0.083602329				
EPHB2	NM_004442_bp1005_R	AGCTAAAAAGCGTGTGATTTCCAGTGTCAATCTCTTGAATTGACACTGGAAATCACAGCCGG	Hs.523329	11034	0.343775	1.83680717	0.653963524	-1.434266667	1.5175789	0.113832712				
EPHB2	NM_004442_bp1005_R	AGCTAAAAAGCGTGTGATTTCCAGTGTCAATCTCTTGAATTGACACTGGAAATCACAGCCGG	Hs.523329	282										
EPHB2	NM_004442_bp1080_R	AGCTAAAAAGGACCTGGTCTACAACATCATTCTCTTGAAATGATGTTGTAGACGAGGTCCGG	Hs.523329	283	1.35965	0.66223889	0.012682023	-0.7973						
EPHB2	NM_004442_bp1080_R	AGCTAAAAAGGACCTGGTCTACAACATCATTCTCTTGAATGATGTTGTAGACGAGGTCCGG	Hs.523329	5659	0.886375	1.12443776	0.107936248	0.286	1.26777371	0.650539836				
EPHB2	NM_004442_bp1080_R	AGCTAAAAAGGACCTGGTCTACAACATCATTCTCTTGAATGATGTTGTAGACGAGGTCCGG	Hs.523329	11035	0.700525	1.42234391	0.269871386	0.210566667	1.23053862	0.730006764				
EPHB2	NM_004442_bp1188_R	AGCTAAAAAGCCACGCATTTACATCAGTGATCTCTTGAATCACTGATGTAAATGCGTGGCCGG	Hs.523329	5660	1.720275	1.75700437	0.055184331	-4.395533333	3.85162334	0.06865509				
EPHB2	NM_004442_bp1188_R	AGCTAAAAAGCCACGCATTTACATCAGTGATCTCTTGAATCACTGATGTAAATGCGTGGCCGG	Hs.523329	11036	1.630025	1.56676135	0.046319037	-4.882966667	3.74280836	0.048585455				
EPHB2	NM_004442_bp1188_R	AGCTAAAAAGCCACGCATTTACATCAGTGATCTCTTGAATCACTGATGTAAATGCGTGGCCGG	Hs.523329	284	2.6149			0.0825						
EPHB3	NM_004443_bp2241_R	AGCTAAAAAGCTCCTGGAATGAAGGTTTATTCTCTTGAAATAAACCTTCATTCCAGGAGCCGG	Hs.2913	1828	-1.172225	0.83593074	0.01985775	-4.476533333	1.93127938	0.009299592				
EPHB3	NM_004443_bp2241_R	AGCTAAAAAGCTCCTGGAATGAAGGTTTATTCTCTTGAAATAAACCTTCATTCCAGGAGCCGG	Hs.2913	7204	-1.1803	1.17367934	0.054261998	-4.885933333	3.12472832	0.029582636				
EPHB3	NM_004443_bp2241_R	AGCTAAAAAGCTCCTGGAATGAAGGTTTATTCTCTTGAAATAAACCTTCATTCCAGGAGCCGG	Hs.2913	12580	-1.357975	1.18348626	0.03546204	-4.995833333	2.11559161	0.03009931				
EPHB3	NM_004443_bp2497_R	AGCTAAAAAGCTCAGTTTGATCACCCCAATATCTCTTGAATATTGGGGTGATCAAACTGACCGG	Hs.2913	285	0.221625	0.36674093	0.484978557							
EPHB3	NM_004443_bp2497_R	AGCTAAAAAGCTCAGTTTGATCACCCCAATATCTCTTGAATATTGGGGTGATCAAACTGACCGG	Hs.2913	5661	2.927533333	2.42894753	0.043164859	-0.7798	8.90784839	0.859925104				
EPHB3	NM_004443_bp2497_R	AGCTAAAAAGCTCAGTTTGATCACCCCAATATCTCTTGAATATTGGGGTGATCAAACTGACCGG	Hs.2913	11037	2.201966667	1.70995541	0.033966553	0.532466667	4.80441753	0.814387363				
EPHB3	NM_004443_bp3083_R	AGCTAAAAGCCCAAATTCTCCCAGATTGTTCTCTTGAAACAATCTGGGGAGAATTTGGGCCGG	Hs.2913	1830	-3.07865									
EPHB3	NM_004443_bp3083_R	AGCTAAAAGCCCAAATTCTCCCAGATTGTTCTCTTGAAACAATCTGGGGAGAATTTGGGCCGG	Hs.2913	7206	-4.12315									
EPHB3	NM_004443_bp3083_R	AGCTAAAAGCCCAAATTCTCCCAGATTGTTCTCTTGAAACAATCTGGGGAGAATTTGGGCCGG	Hs.2913	12582	-4.82255									
EPHB4	NM_004444_bp2202_R	AGCTAAAAGATCGATGTCTCCTACGTCAATCTCTTGAATTGACGTAGGAGACATCGATCGG	Hs.437008	286	-1.059075	0.282868	0.001516198	2.57405	0.9959599	0.022820075				
EPHB4	NM_004444_bp2202_R	AGCTAAAAGATCGATGTCTCCTACGTCAATCTCTTGAATTGACGTAGGAGACATCGATCGG	Hs.437008	5662	-1.54045	0.45329241	0.000863186	-0.022633333	2.53108731	0.984946426				
EPHB4	NM_004444_bp2202_R	AGCTAAAAGATCGATGTCTCCTACGTCAATCTCTTGAATTGACGTAGGAGACATCGATCGG	Hs.437008	11038	-1.870575	0.77914472	0.002286212	0.7241	2.03039771	0.473231474				
EPHB4	NM_004444_bp2292_R	AGCTAAAAGAAGGAGAGCTGTGTGGCAATTCTCTTGAAATTGCCACACAGCTCTCCTTCGG	Hs.437008	1832	0.388125	0.22440034	0.222015712	0.1597						
EPHB4	NM_004444_bp2500_R	AGCTAAAAGACGGACAGTTCACAGTCATCTCTCTTGAAGATGACTGTGAACTGTCCGTCGG	Hs.437008	287	0.50605	0.64274781	0.130524751	0.748966667	1.75046309	0.399927158				
EPHB4	NM_004444_bp2500_R	AGCTAAAAGACGGACAGTTCACAGTCATCTCTCTTGAAGATGACTGTGAACTGTCCGTCGG	Hs.437008	5663	0.222525	0.63807903	0.460539319	0.8981	1.86662443	0.349235055				
EPHB4	NM_004444_bp2500_R	AGCTAAAAGACGGACAGTTCACAGTCATCTCTCTTGAAGATGACTGTGAACTGTCCGTCGG	Hs.437008	11039	-0.2955	0.92356453	0.471656569	0.881366667	1.99469234	0.384072984				
EPHB6	NM_004445_bp1324_R	AGCTAAAAAGGACTGCAACTGAACGTCAAATCTCTTGAATTTGACGTTCAGTTGCAGTCCGG	Hs.380089	288	-0.64795	0.56080731	0.050115348	-1.986166667	3.53630434	0.27916876				
EPHB6	NM_004445_bp1324_R	AGCTAAAAAGGACTGCAACTGAACGTCAAATCTCTTGAATTTGACGTTCAGTTGCAGTCCGG	Hs.380089	5664	-0.850925	0.55606858	0.019339204	-1.935466667	3.36164778	0.26952532				
EPHB6	NM_004445_bp1324_R	AGCTAAAAAGGACTGCAACTGAACGTCAAATCTCTTGAATTTGACGTTCAGTTGCAGTCCGG	Hs.380089	11040	-0.888125	0.86165209	0.055350509	-2.566866667	3.46974162	0.177590194				
EPHB6	NM_004445_bp1709_R	AGCTAAAAAGGGGGCTCTATAAGTCTTTCTGTCTCTTGAACAGAAGACTTATAGAGCCCCCCGG	Hs.380089	1834	-1.14515	1.81998881	0.17022409	-6.6809						
EPHB6	NM_004445_bp1709_R	AGCTAAAAAGGGGGCTCTATAAGTCTTTCTGTCTCTTGAACAGAAGACTTATAGAGCCCCCCGG	Hs.380089	7210	-0.896566667	1.37285884	0.199075913	-1.441233333	4.45181631	0.506503891				
EPHB6	NM_004445_bp1709_R	AGCTAAAAAGGGGGCTCTATAAGTCTTTCTGTCTCTTGAACAGAAGACTTATAGAGCCCCCCGG	Hs.380089	12586	-1.531666667	1.4166551	0.063117261	-1.80285	0.36649345	0.002378648				
EPHB6	NM_004445_bp2741_R	AGCTAAAAGGGAAGTCGATCCTGCTTATATCTCTTGAATATAAGCAGGATCGACTTCCCCGG	Hs.380089	301	-0.159375	2.03113249	0.849169822	3.685933333	1.87772701	0.015662323				
EPHB6	NM_004445_bp2741_R	AGCTAAAAGGGAAGTCGATCCTGCTTATATCTCTTGAATATAAGCAGGATCGACTTCCCCGG	Hs.380089	5677	-0.280475	2.15584726	0.752976701	4.365633333	2.73102343	0.027947482				
EPHB6	NM_004445_bp2741_R	AGCTAAAAGGGAAGTCGATCCTGCTTATATCTCTTGAATATAAGCAGGATCGACTTCCCCGG	Hs.380089	11053	-0.24125	2.1729714	0.787923534	4.4914	3.15054385	0.038386471				
EPIM	NM_194356_bp793_R	AGCTAAAAGAGAGTTGCATGAGATGTTCATCTCTTGAATGAACATCTCATGCAACCTCTCGG	Hs.437585	3602	0.844475	0.10142236	0.001520494				1.0233625	0.42250854	0.004477643	
EPIM	NM_194356_bp793_R	AGCTAAAAGAGAGTTGCATGAGATGTTCATCTCTTGAATGAACATCTCATGCAACCTCTCGG	Hs.437585	8978	0.9021	0.06653148	0.001005747				0.5979125	0.50462121	0.055146432	
EPIM	NM_194356_bp793_R	AGCTAAAAGAGAGTTGCATGAGATGTTCATCTCTTGAATGAACATCTCATGCAACCTCTCGG	Hs.437585	14354	0.952	0.05526582	0.000763308				0.6741625	0.30216222	0.017653318	
EPIM	NM_194356_bp843_R	AGCTAAAAGGTGAAATGATCAACAACATATCTCTTGAATATGTTGTTGATCATTTCACCGG	Hs.437585	374	0.426225	0.23397952	0.042620018				0.1827875	0.34908191	0.433174445	
EPIM	NM_194356_bp843_R	AGCTAAAAGGTGAAATGATCAACAACATATCTCTTGAATATGTTGTTGATCATTTCACCGG	Hs.437585	8950	0.41995	0.23091543	0.044091784				0.1822625	0.28997393	0.411814285	
EPIM	NM_194356_bp843_R	AGCTAAAAGGTGAAATGATCAACAACATATCTCTTGAATATGTTGTTGATCATTTCACCGG	Hs.437585	14326	0.4576	0.21512488	0.030825588				0.1437875	0.26257911	0.5036601	
EPIM	NM_194356_bp981_R	AGCTAAAAGTGGTTCTGGTTGCCATAATCTCTCTTGAAGATATGGCAACCAGAACCACCGG	Hs.437585	3576	2.8858	0.4168674	3.31E-05				0.3399375	0.39947745	0.186318235	
EPIM	NM_194356_bp981_R	AGCTAAAAGTGGTTCTGGTTGCCATAATCTCTCTTGAAGATATGGCAACCAGAACCACCGG	Hs.437585	8952	2.82065	0.45404894	4.70E-05				0.3705375	0.39420598	0.153230375	
EPIM	NM_194356_bp981_R	AGCTAAAAGTGGTTCTGGTTGCCATAATCTCTCTTGAAGATATGGCAACCAGAACCACCGG	Hs.437585	14328	2.7196	0.49103265	7.42E-05				0.3274875	0.3392272	0.17945075	
EPS15	NM_001981_bp133_R	AGCTAAAAGTGGGAATCCTGTATATGAAATCTCTTGAATTTCATATACAGGATTCCCACGG	Hs.83722	4922	-0.4796125	0.44909143	0.077436854	0.0926125	0.40564575	0.679551113				
EPS15	NM_001981_bp133_R	AGCTAAAAGTGGGAATCCTGTATATGAAATCTCTTGAATTTCATATACAGGATTCCCACGG	Hs.83722	10298	-0.7689875	0.47000655	0.018195493	-0.1180125	0.41799273	0.607540675				
EPS15	NM_001981_bp133_R	AGCTAAAAGTGGGAATCCTGTATATGAAATCTCTTGAATTTCATATACAGGATTCCCACGG	Hs.83722	15674	-0.3623625	0.65530681	0.258590329	0.0977625	0.53585943	0.717866296				
EPS15	NM_001981_bp719_R	AGCTAAAAGGTGCCACCATCTAAGAGAAATCTCTTGAATTTCTCTTAGATGGTGGCACCCGG	Hs.83722	4924	-0.1418375	0.24398548	0.146055621	0.1164375	0.28581276	0.536163877				
EPS15	NM_001981_bp719_R	AGCTAAAAGGTGCCACCATCTAAGAGAAATCTCTTGAATTTCTCTTAGATGGTGGCACCCGG	Hs.83722	10300	-0.1422375	0.2217259	0.401236696	0.1575875	0.2444093	0.383114051				
EPS15	NM_001981_bp719_R	AGCTAAAAGGTGCCACCATCTAAGAGAAATCTCTTGAATTTCTCTTAGATGGTGGCACCCGG	Hs.83722	15676	0.0762125	0.3001761	0.679223339	0.239316667	0.30382081	0.335885707				
EPS15	NM_001981_bp834_R	AGCTAAAAGTCCGTGAAATATTCTTGAAATCTCTTGAATTTCAAGAATATTCACGGACGG	Hs.83722	4896	-0.7230375	0.2494765	0.004461241	0.2717625	0.42994819	0.223505781				
EPS15	NM_001981_bp834_R	AGCTAAAAGTCCGTGAAATATTCTTGAAATCTCTTGAATTTCAAGAATATTTACGGACGG	Hs.83722	10272	-0.7688875	0.19288034	0.030581326	-0.0595375	0.53757177	0.825389834				
EPS15	NM_001981_bp834_R	AGCTAAAAGTCCGTGAAATATTCTTGAAATCTCTTGAATTTCAAGAATATTTACGGACGG	Hs.83722	15648	-0.6220375	0.29043187	0.014951844	0.2439875	0.41207011	0.307364521				
EPSTI1	AL831953_bp1911_R	AGCTAAAAGGAAGGATCTGTAAGAATCATCTCTTGAATGATCTTACAGATTCTTCTCGG	Hs.546467	3970	3.1332625	0.96881572	0.000513415				2.08525	0.11111416	2.58E-05	
EPSTI1	AL831953_bp1911_R	AGCTAAAAGGAAGGATCTGTAAGAATCATCTCTTGAATGATCTTACAGATTCTTCTCGG	Hs.546467	9346	2.7773	0.93366379	0.008293321				1.838375	0.29005107	0.000104176	
EPSTI1	AL831953_bp1911_R	AGCTAAAAGAGAAGAATCTGTAAGAATCATCTCTTGAATGATTCTTACAGATTCTTCTCGG	Hs.546467	14722	2.8019625	0.45414365	4.98E-05				1.873675	0.36066501	0.000133091	
EPSTI1	AL831953_bp2124_R	AGCTAAAAGTGCTGTTTGTGGCCCACAAATCTCTTGAAATTGTGGGCCACAAACAGCACGG	Hs.546467	3968	0.4104625	0.26472439	0.055100801				0.032175	0.11454348	0.867281218	
EPSTI1	AL831953_bp2124_R	AGCTAAAAGTGCTGTTTGTGGCCCACAAATCTCTTGAAATTGTGGGCCACAAACAGCACGG	Hs.546467	9344	0.4694125	0.23753559	0.031423917				-0.000775	0.10140843	0.996767774	
EPSTI1	AL831953_bp2124_R	AGCTAAAAGTGCTGTTTGTGGCCCACAAATCTCTTGAAATTGTGGGCCACAAACAGCACGG

ERBB4	NM_005235_bp2668_R	AGCTAAAAAGGAGGAAAGATGCCCAATTAAATCTCTTGAATTTAATTGGCATTCTTTCCTCCGG	Hs.390729	12371	0.8259																		
ERK8	NM_139021_bp653_R	AGCTAAAAAGCTGCTCTCTTCGCACCGATATCTCTTGAATATCGGTGCGAAGAGAGCAGCGG	Hs.493169	645	-0.3887	0.06135661	0.031534288	0.087675	0.19567392	0.591207404													
ERK8	NM_139021_bp653_R	AGCTAAAAAGCTGCTCTCTTCGCACCGATATCTCTTGAATATCGGTGCGAAGAGAGCAGCGG	Hs.493169	6021	0.238566667	0.1406773	0.247520742	0.418625	0.12949027	0.034336391													
ERK8	NM_139021_bp653_R	AGCTAAAAAGCTGCTCTCTTCGCACCGATATCTCTTGAATATCGGTGCGAAGAGAGCAGCGG	Hs.493169	11397	0.3658	0.14122127	0.047770792	0.515325	0.1910079	0.022315764													
ERK8	NM_139021_bp924_R	AGCTAAAAAGCCACCTTCCTGCAAGTTTACTCTCTTGAAGTAAACTTGCAGGAAGGTGGCGG	Hs.493169	646	-0.555325	0.35171552	0.031434242	0.136575	0.56509513	0.629820555													
ERK8	NM_139021_bp924_R	AGCTAAAAAGCCACCTTCCTGCAAGTTTACTCTCTTGAAGTAAACTTGCAGGAAGGTGGCGG	Hs.493169	6022	-0.4195	0.23713486	0.045497167	0.276275	0.47032347	0.291606687													
ERK8	NM_139021_bp924_R	AGCTAAAAAGCCACCTTCCTGCAAGTTTACTCTCTTGAAGTAAACTTGCAGGAAGGTGGCGG	Hs.493169	11398	-0.402525	0.20940696	0.045941261	0.48195	0.56395874	0.1339552													
ERK8	NM_139021_bp948_R	AGCTAAAAAGGCCAGTTTGTACCAGTTCAGTCTCTTGAACTGAACTGGTACAAACTGGCCGG	Hs.493169	647	0.459025	0.68974657	0.181978353	-0.5032	0.21701651	0.027448415													
ERK8	NM_139021_bp948_R	AGCTAAAAAGGCCAGTTTGTACCAGTTCAGTCTCTTGAACTGAACTGGTACAAACTGGCCGG	Hs.493169	6023	0.589775	0.68303882	0.101048888	-0.369925	0.52389774	0.205086419													
ERK8	NM_139021_bp948_R	AGCTAAAAAGGCCAGTTTGTACCAGTTCAGTCTCTTGAACTGAACTGGTACAAACTGGCCGG	Hs.493169	11399	1.12043333	2.2162811	0.289183533	-0.45595	0.27571926	0.049828045													
ERN1	NM_001433_bp1221_R	AGCTAAAAAGCTGGAGAGATTTCCCAACAATCTCTTGAATTGTTGGGAAATCTCTCCAGCGG	Hs.133982	40	-0.351325	0.18618538	0.063509648	-0.0202875	0.15684472	0.894098944													
ERN1	NM_001433_bp1221_R	AGCTAAAAAGCTGGAGAGATTTCCCAACAATCTCTTGAATTGTTGGGAAATCTCTCCAGCGG	Hs.133982	5416	-0.383825	0.16451037	0.044573247	0.041635	0.06302306	0.765836732													
ERN1	NM_001433_bp1221_R	AGCTAAAAAGCTGGAGAGATTTCCCAACAATCTCTTGAATTGTTGGGAAATCTCTCCAGCGG	Hs.133982	10792	-0.297325	0.13889352	0.086975618	0.0681875	0.13156702	0.648527445													
ERN1	NM_001433_bp1995_R	AGCTAAAAAGGACCGGCAATTCCAGTACATTCTCTTGAAATGTACTGGAATTGCCGGTCCGG	Hs.133982	1599	2.345666667	3.14024107	0.142936174	-0.888366667	2.544357	0.479249083													
ERN1	NM_001433_bp1995_R	AGCTAAAAAGGACCGGCAATTCCAGTACATTCTCTTGAAATGTACTGGAATTGCCGGTCCGG	Hs.133982	6975	2.4762	3.20375147	0.132740315	-0.3652375	2.21526619	0.707624481													
ERN1	NM_001433_bp1995_R	AGCTAAAAAGGACCGGCAATTCCAGTACATTCTCTTGAATGTACTGGAATTGCCGGTCCGG	Hs.133982	12351	2.409633333	3.09344265	0.130667235	-0.4643125	2.14464958	0.624706351													
ERN1	NM_001433_bp459_R	AGCTAAAAAGCAGGACATCTGGTATGTTATTCTCTTGAAATAACATACCAGATGTCCTGCGG	Hs.133982	41	-0.506533333	0.58849787	0.157682971	-0.3660625	0.59489858	0.246711997													
ERN1	NM_001433_bp459_R	AGCTAAAAAGCAGGACATCTGGTATGTTATTCTCTTGAAATAACATACCAGATGTCCTGCGG	Hs.133982	5417	-0.33465	0.71777847	0.324126663	-0.3370625	0.57675099	0.270684478													
ERN1	NM_001433_bp459_R	AGCTAAAAAGCAGGACATCTGGTATGTTATTCTCTTGAAATAACATACCAGATGTCCTGCGG	Hs.133982	10793	-0.271425	0.70518229	0.409554608	-0.3173125	0.58883108	0.302856491													
ERN2	NM_370947_bp125_R	AGCTAAAAAGTCCACAGGTTCATACTCTCATCTCTTGAATGAGAGTATGAACCTGTGGACGG		889	-0.34185	0.53450089	0.219631736	-0.47775	0.42506418	0.084245212													
ERN2	NM_370947_bp125_R	AGCTAAAAAGTCCACAGGTTCATACTCTCATCTCTTGAATGAGAGTATGAACCTGTGGACGG		11641	-0.1684	0.50263522	0.502914499	-0.2698	0.32060733	0.20840732													
ERN2	NM_370947_bp125_R	AGCTAAAAAGTCCACAGGTTCATACTCTCATCTCTTGAATGAGAGTATGAACCTGTGGACGG		6265	-0.173975	0.45710656	0.462902181	-0.442366667	0.46355982	0.178816398													
ERN2	NM_370947_bp178_R	AGCTAAAAAGATGGAAGTCTCCACGCACTATCTCTTGAATAGTGCGTGGGAGACTTCCATCGG		6266																			
ERN2	NM_370947_bp178_R	AGCTAAAAAGATGGAAGTCTCCACGCACTATCTCTTGAATAGTGCGTGGGAGACTTCCATCGG		11642																			
ERN2	NM_370947_bp178_R	AGCTAAAAAGATGGAAGTCTCCACGCACTATCTCTTGAATAGTGCGTGGGAGACTTCCATCGG		890																			
ERN2	NM_370947_bp250_R	AGCTAAAAAGAAGGACCAATGTACGTCACATCTCTTGAATGTGACGTACATTGGTCCTTCGG		11643																			
ERN2	NM_370947_bp250_R	AGCTAAAAAGAAGGACCAATGTACGTCACATCTCTTGAATGTGACGTACATTGGTCCTTCGG		891																			
ERN2	NM_370947_bp250_R	AGCTAAAAAGAAGGACCAATGTACGTCACATCTCTTGAATGTGACGTACATTGGTCCTTCGG		6267																			
ETS2	NM_005239_bp1174_R	AGCTAAAAAGCCAACCATGTCTTTCAAGGATCTCTTGAATCCTTGAAAGACATGGTTGGCCGG	Hs.592158	3343	-0.55845	0.27549852	0.020612519									-0.1473625	0.15074959	0.462006337	0.3856	0.64198359	0.315833907	0.16265	0.19051314	0.186267709
ETS2	NM_005239_bp1174_R	AGCTAAAAAGCCAACCATGTCTTTCAAGGATCTCTTGAATCCTTGAAAGACATGGTTGGCCGG	Hs.592158	8719	-0.662475	0.20794245	0.007304343									-0.0903115	0.06798468	0.636663201	0.419275	0.63022894	0.275433453	0.244425	0.19440632	0.086588202
ETS2	NM_005239_bp1174_R	AGCTAAAAAGCCAACCATGTCTTTCAAGGATCTCTTGAATCCTTGAAAGACATGGTTGGCCGG	Hs.592158	14095	-0.472775	0.23610084	0.030450288									-0.0920625	0.14137034	0.639519071	0.429125	0.61254744	0.255707409	0.230875	0.22135842	0.128267567
ETS2	NM_005239_bp1306_R	AGCTAAAAAGGAGCTGCTATCAGACAAATCTCTCTTGAAGATTTGTCTGATAGCAGCTCCGG	Hs.592158	3341	2.628375	0.27296271	1.83E-05									0.3103625	0.50918064	0.266499532	0.876825	0.2095157	0.003576129	0.814525	0.45341321	0.036948267
ETS2	NM_005239_bp1306_R	AGCTAAAAAGGAGCTGCTATCAGACAAATCTCTCTTGAAGATTTGTCTGATAGCAGCTCCGG	Hs.592158	8717	2.0137	0.53156793	0.000410158									0.2334125	0.51953268	0.397102517	0.88175	0.26937093	0.007245524	0.774725	0.48754211	0.050167798
ETS2	NM_005239_bp1306_R	AGCTAAAAAGGAGCTGCTATCAGACAAATCTCTCTTGAAGATTTGTCTGATAGCAGCTCCGG	Hs.592158	14093	2.207683333	0.53110888	0.001254273									0.3413125	0.48770025	0.218016218	0.86945	0.21895245	0.004163397	0.818975	0.53394642	0.054664059
ETS2	NM_005239_bp893_R	AGCTAAAAAGCAGCAGGATTTCAGATGTTCTCTTGAAGAACATCTGAAACTCCTGCTGCGG	Hs.592158	3345	0.24515	0.29298589	0.213062335									-0.5005625	0.51148228	0.099875164	0.497325	0.51767526	0.150433848	0.03875	0.56459484	0.900479326
ETS2	NM_005239_bp893_R	AGCTAAAAAGCAGCAGGATTTCAGATGTTCTCTTGAAGAACATCTGAAACTCCTGCTGCGG	Hs.592158	8721	-0.14455	0.35489051	0.47789485									-0.6026625	0.50460942	0.053737069	0.60415	0.5671623	0.122961026	0.1763	0.63667559	0.618309106
ETS2	NM_005239_bp893_R	AGCTAAAAAGCAGCAGGATTTCAGATGTTCTCTTGAAGAACATCTGAAACTCCTGCTGCGG	Hs.592158	14097	-0.101625	0.26942182	0.56724976									-0.5259125	0.53655408	0.089441583	0.512525	0.50193649	0.133764435	0.218925	0.6519283	0.549915807
ETS6	NM_001987_bp1259_R	AGCTAAAAAGCCATGCCCATTGGGAGAATATCTCTTGAATATTCTCCCAATGGGCATGGCGG	Hs.504765	3316	-0.755625	0.56800456	0.031230555									-0.5763	0.55529853	0.072244242						
ETS6	NM_001987_bp1259_R	AGCTAAAAAGCCATGCCCATTGGGAGAATATCTCTTGAATATTCTCCCAATGGGCATGGCGG	Hs.504765	8692	-0.822125	0.60087475	0.026993873									0.11305	0.84266626	0.75499536						
ETS6	NM_001987_bp1259_R	AGCTAAAAAGCCATGCCCATTGGGAGAATATCTCTTGAATATTCTCCCAATGGGCATGGCGG	Hs.504765	14068	-0.850025	0.57890488	0.021660303									-0.100875	0.65771719	0.742046016						
ETS6	NM_001987_bp983_R	AGCTAAAAAGTGTCTCCCATGGAGAATAATCTCTTGAAATTATTTCCATGGGAGACACCGG	Hs.504765	3314	-0.3239	0.33795995	0.138236193									-0.526025	0.32329034	0.047828932						
ETS6	NM_001987_bp983_R	AGCTAAAAAGTGTCTCCCATGGAGAATAATCTCTTGAAATTATTTCCATGGGAGACACCGG	Hs.504765	8690	-0.408125	0.25808311	0.054443744									-0.37235	0.29226268	0.121890537						
ETS6	NM_001987_bp983_R	AGCTAAAAAGTGTCTCCCATGGAGAATAATCTCTTGAAATTATTTCCATGGGAGACACCGG	Hs.504765	14066	-0.620025	0.18898487	0.008646048									-0.541175	0.30118427	0.040613934						
ETS7	AK122796_bp1710_R	AGCTAAAAGCACTATTATAAGCTTAATATCTCTTGAATATTAAGCTTATAATAGTGCGCG	Hs.272398	4098	-0.1829625	0.37354629	0.388529655									-0.0907	0.13388903	0.643205002						
ETS7	AK122796_bp1710_R	AGCTAAAAGCCACTATTATAAGCTTAATATCTCTTGAATATTAAGCTTATAATAGTGCGCG	Hs.272398	9474	-0.2565125	0.50588455	0.323743848									-0.084125	0.1520518	0.669852727						
ETS7	AK122796_bp1710_R	AGCTAAAAGCCACTATTATAAGCTTAATATCTCTTGAATATTAAGCTTATAATAGTGCGCG	Hs.272398	14850	-0.1536125	0.37517009	0.465006918									-0.008225	0.13507779	0.966197408						
ETS7	AK122796_bp238_R	AGCTAAAAGCAGCAGGATTTCAGATGTTCTCTTGAAGAACATCTGAAACTCCTGCTGCGG	Hs.272398	4102	-1.0559375	0.59947348	0.010484224									0.565575	0.1976652	0.025850354						
ETS7	AK122796_bp238_R	AGCTAAAAGGAAGGTCACTCACCCCTAAATCTCTTGAATTTAGGGGTGAGTGACCTTCCGG	Hs.272398	9478	-1.0156375	0.41092543	0.004220984									0.461475	0.19581131	0.053180005						
ETS7	AK122796_bp238_R	AGCTAAAAGGAAGGTCACTCACCCCTAAATCTCTTGAATTTAGGGGTGAGTGACCTTCCGG	Hs.272398	14854	-0.9472625	0.58531545	0.014916644									0.7162	0.28481623	0.012892145						
ETS7	AK122796_bp866_R	AGCTAAAAAGGGGAGAATTGCCTTTCTTTCTCTTGAAAAGACCAATTCTCCCTCCGG	Hs.272398	4100	0.8727875	0.38574862	0.006834719									-0.133175	1.08672163	0.762735907						
ETS7	AK122796_bp866_R	AGCTAAAAAGGGGAGAATTGCCTTTCTTTCTCTTGAAAAGACCAATTCTCCCTCCGG	Hs.272398	9476	0.8756125	0.29238204	0.003744686									-0.1313	1.29238415	0.79673012						
ETS7	AK122796_bp866_R	AGCTAAAAAGGGGAGAATTGCCTTTCTTTCTCTTGAAAAGACCAATTCTCCCTCCGG	Hs.272398	14852	0.8791625	0.26733151	0.003135774									-0.04435	1.01635215	0.915188756						
EVI1	NM_004991_bp326_R	AGCTAAAAAGCAAGGAAACTGGCCACAAATTCTCTTGAAATTTGTGGCCAGTTTTCCTTGCGG	Hs.554762	3371	0.86175	0.24918529	0.00305151									0.32645	0.82989105	0.376746277	0.171425	0.37850365	0.431813163	0.15115	0.93631359	0.767993886
EVI1	NM_004991_bp326_R	AGCTAAAAAGCAAGGAAACTGGCCACAAATTCTCTTGAAATTTGTGGCCAGTTTTCCTTGCGG	Hs.554762	8747	0.8341	0.33731531	0.006115334									0.336	0.82280417	0.361111789	0.025666667	0.36044409	0.913117597	0.104	0.56565511	0.737496869
EVI1	NM_004991_bp326_R	AGCTAAAAAGCAAGGAAACTGGCCACAAATTCTCTTGAAATTTGTGGCCAGTTTTCCTTGCGG	Hs.554762	14123	0.5951	0.16838011	0.009201739									0.3391	0.72387813	0.317427243	-0.112666667	0.13200418	0.277399295	0.386233333	0.25586896	0.12042818
EVI1	NM_004991_bp678_R	AGCTAAAAAGGGAGGTACATCTTCCAAGGTTCTCTTGAAACCTTGGAAGATGTACCTCCCGG	Hs.554762	3373	1.837575	0.41144645	0.00028366									1.019025	1.11082113	0.054683833	1.2814	0.77655733	0.04572635	0.96995	0.2452123	0.004210424
EVI1	NM_004991_bp678_R	AGCTAAAAAGGGAGGTACATCTTCCAAGGTTCTCTTGAAACCTTGGAAGATGTACCTCCCGG	Hs.554762	8749	1.92455	0.31197019	0.000111656									1.02985	1.14367373	0.057145118	1.254225	0.74271064	0.043173318	1.08355	0.30403825	0.005684205
EVI1	NM_004991_bp678_R	AGCTAAAAAGGGAGGTACATCTTCCAAGGTTCTCTTGAAACCTTGGAAGATGTACCTCCCGG	Hs.554762	14125	1.8041	0.76089255	0.002456806									0.84935	0.91279066	0.059548185	1.2986	0.72379223	0.037067113	1.15935	0.2424449	0.002425168
EVI1	NM_004991_bp749_R	AGCTAAAAAGCAGTAGGAATAGCCTTCTCTTCTCTTGAAAGAGAAGGCTATTCCTACGTCGG	Hs.554762	8751	0.4143	0.70156496	0.226344863	0.1706625	0.19604204	0.317468798						-0.57255	0.89727401	0.164861297	0.171125	1.10819039	0.777650786	1.1504	0.51940477	0.021374935
EVI1	NM_004991_bp749_R	AGCTAAAAAGCAGTAGGAATAGCCTTCTCTTCTCTTGAAAGAGAAGGCTATTCCTACGTCGG	Hs.554762	14127	0.32885	0.68510516	0.315207205									-0.2845	1.00887339	0.500410189	0.1594	1.12177902	0.794750287	1.1543	0.49944089	0.010961053
EVI1	NM_004991_bp749_R	AGCTAAAAAGCAGTAGGAATAGCCTTCTCTTCTCTTGAAAGAGAAGGCTATTCCTACGTCGG	Hs.554762	3375	0.5857	0.59345349	0.076617826									-0.78625	1.58483843	0.282216738	0.052375	1.14988847	0.933158194	0.98555	0.46146135	0.023554271
EVL	AL133642_bp2345_R	AGCTAAAAAGCTGGATGCGTTTGCCTATCATCTCTTGAATGATAGGCAAACGCATCCAGCGG	Hs.125867	4692	0.2642375	0.08799365	0.104942927	0.2571375	0.47908952	0.327788931													
EVL	AL133642_bp2345_R	AGCTAAAAAGCTGGATGCGTTTGCCTATCATCTCTTGAATGATAGGCAAACGCATCCAGCGG	Hs.125867	10068	0.2844875	0.13834477	0.097593412	0.1655875	0.41035945	0.472850258													
EVL	AL133642_bp2345_R	AGCTAAAAAGCTGGATGCGTTTGCCTATCATCTCTTGAATGATAGGCAAACGCATCCAGCGG	Hs.125867	15444	0.3557625	0.10531576	0.046733957	0.1241625	0.32224804	0.533562143													
EVL	AL133642_bp514_R	AGCTAAAAAGAAGCCTGTGTCCTCGATTCTTCTCTTGAAAGAATCGAGGACACAGGCTTCGG	Hs.125867	4688	0.0590125	0.11982372	0.68533849	0.1026875	0.18335895	0.525150703													
EVL	AL133642_bp514_R	AGCTAAAAAGAAGCCTGTGTCCTCGATTCTTCTCTTGAAAGAATCGAGGACACAGGCTTCGG	Hs.125867	10064	0.0617875	0.17079867	0.688118907	0.0181625	0.21273774	0.912086686													
EVL	AL133642_bp514_R	AGCTAAAAAGAAGCCTGTGTCCTCGATTCTTCTCTTGAAAGAATCGAGGACACAGGCTTCGG	Hs.125867	15440	0.1951375	0.15809847	0.230546443	0.1995375	0.14098046	0.223219485													
EVL	AL133642_bp540_R	AGCTAAAAAGAACCCCGTCTGTGGCAAAGATCTCTTGAATCTTTGCCACAGACGGGGGTTCGG	Hs.125867	4690	0.6062	0.09400575	0.023851811	0.1904625	0.27690307	0.322756736													
EVL	AL133642_bp540_R	AGCTAAAAAGAACCCCGTCTGTGGCAAAGATCTCTTGAATCTTTGCCACAGACGGGGGTTCGG	Hs.125867	10066	0.6643375	0.56543132	0.047224651	0.1706625	0.19604204	0.317468798													
EVL	AL133642_bp540_R	AGCTAAAAAGAACCCCGTCTGTGGCAAAGATCTCTTGAATCTTTGCCACAGACGGGGGTTCGG	Hs.125867	15442	0.9907625	0.46199055	0.006395668	0.2495875	0.26505569	0.204785175													
EYA1	NM_000503_bp2001_R	AGCTAAAAAGTCTGCTTGGTCCAGCTAAGATCTCTTGAATCTTAGCTGGACCAAGCAGACGG	Hs.491997	3222	-0.384675	0.19090719	0.049091498				0.554825	1.0868018	0.235738595										
EYA1	NM_000503_bp2001_R	AGCTAAAAAGTCTGCTTGGTCCAGCTAAGATCTCTTGAATCTTAGCTGGACCAAGCAGACGG	Hs.491997	8598	-0.466725	0.37566223	0.061481454				-0.068525	0.33884417	0.761514789										
EYA1	NM_000503_bp2001_R	AGCTAAAAAGTCTGCTTGGTCCAGCTAAGATCTCTTGAATCTTAGCTGGACCAAGCAGACGG	Hs.491997	13974	-0.323	0.46253638	0.20303965				0.16555	0.59332418	0.56936159										
EYA1	NM_000503_bp2101_R	AGCTAAAAAGCTCATTCACTCCCGGACAAATCTCTTGAATTTGTCCGGGAGTGAATGAGCGG	Hs.491997	3220	-0.661966667	0.13707594	0.019610388				-0.370825	1.05773094	0.402920978										
EYA1	NM_000503_bp2101_R	AGCTAAAAAGCTCATTCACTCCCGGACAAATCTCTTGAATTTGTCCGGGAGTGAATGAGCGG	Hs.491997	8596	-0.666533333	0.25258564	0.027124119				-0.39795	1.2159475	0.422777589										
EYA1	NM_000503_bp2101_R	AGCTAAAAAGCTCATTCACTCCCGGACAAATCTCTTGAATTTGTCCGGGAGTGAATGAGCGG	Hs.491997	13972	-0.531233333	0.41321588	0.088267737				-0.348925	0.99709356	0.408953633										
EYA1	NM_000503_bp812_R	AGCTAAAAAGCAGCGGGTCTTTAAACAATTTCTCTCTTGAAGAAATTGTTTAAAGACCCGTCGG	Hs.491997	3218	0.380075	0.56385446	0.193898925				0.443625	0.28956524	0.074984252										
EYA1	NM_000503_bp812_R	AGCTAAAAAGCAGCGGGTCTTTAAACAATTTCTCTCTTGAAGAAATTGTTTAAAGACCCGTCGG	Hs.491997	8594	0.323875	0.60946721	0.282033912				0.56665	0.27445131	0.031766974										
EYA1	NM_000503_bp812_R	AGCTAAAAAGCAGCGGGTCTTTAAACAATTTCTCTCTTGAAGAAATTGTTTAAAGACCCGTCGG	Hs.491997	13970	0.463175	0.51952898	0.110084712				0.50475	0.2760266	0.048030856										
EYA2	NM_005244_bp1041_R	AGCTAAAAAGCCCTTATGATGGAAGAGATGTCTCTTGAACATCTCTTCCATCATAAGGCCGG	Hs.472877	5149	0.2112375	0.8853257	0.588727455	-0.8158875	0.54622878	0.028857965													
EYA2	NM_005244_bp1041_R	AGCTAAAAAGCCCTTATGATGGAAGAGATGTCTCTTGAACATCTCTTCCATCATAAGGCCGG	Hs.472877	10525	0.2603625	0.99993026	0.551100514	-0.7837625	0.38688101	0.014783256													
EYA2	NM_005244_bp1041_R	AGCTAAAAAGCCCTTATGATGGAAGAGATGTCTCTTGAACATCTCTTCCATCATAAGGCCGG	Hs.472877	15901	0.0229875	0.6914461	0.941299939	-0.7628125	0.5650897	0.038933765													
EYA2	NM_005244_bp1517_R	AGCTAAAAAGGGGTCTGTGTTTCCTATTGATCTTCTTGAATCAATGGAAACACAGACCCCGG	Hs.472877	5145	-0.3699375	0.83996301	0.338251563	-0.7115125	0.76998438	0.096713772													
EYA2	NM_005244_bp1517_R	AGCTAAAAAGGGGTCTGTGTTTCCTATTGATCTTCTTGAATCAATGGAAACACAGACCCCGG	Hs.472877	10521	-0.5118875	0.31404584	0.034242142	-1.1371625	1.5845995	0.151905982													
EYA2	NM_005244_bp1517_R	AGCTAAAAAGGGGTCTGTGTTTCCTATTGATCTTCTTGAATCAATGGAAACACAGACCCCGG	Hs.472877	15897	0.093116667	0.49304257	0.739374586	-0.485466667	0.79035403	0.246497903													
EYA2	NM_005244_bp605_R	AGCTAAAAAGCACCAGGACTATCCTTCCTATCTCTTGAATGAAGGATAGTCCTGGTGCGG	Hs.472877	5147	-0.2986375	0.36786751	0.180859398	-0.411033333	0.2720211	0.344951218													
EYA2	NM_005244_bp605_R	AGCTAAAAAGCACCAGGACTATCCTTCCTATCTCTTGAATGAGGAAGGATAGTCCTGGTGCGG	Hs.472877	10523	-0.3610125	0.30655124	0.094515458	0.0892	0.62499993	0.796695537													
EYA2	NM_005244_bp605_R	AGCTAAAAAGCACCAGGACTATCCTTCCTATCTCTTGAATGAGGAAGGATAGTCCTGGTGCGG	Hs.472877	15895	0.3160875	0.29289311	0.125173234	-0.4966625	0.38658411	0.064528692													
EYA3	BX648945_bp4632_R	AGCTAAAAAGGGGAGACCCCTCTTCATTAGATCTTCTTGAATCTAATGAAGAGGGTCTCCCCGG	Hs.185774	4972	0.5699125	0.36616892	0.030965762	-0.3803875	0.69380843	0.281892414													
EYA3	BX648945_bp4632_R	AGCTAAAAAGGGGAGACCCCTCTTCATTAGATCTTCTTGAATCTAATGAAGAGGGTCTCCCCGG	Hs.185774	10348	0.4625625	0.33843622	0.053407762	-0.4430375	0.72900921	0.236402443													
EYA3	BX648945_bp4632_R	AGCTAAAAAGGGGAGACCCCTCTTCATTAGATCTTCTTGAATCTAATGAAGAGGGTCTCCCCGG	Hs.185774	15724	0.4661125	0.35951568	0.057434337	-0.6005375	0.40565492	0.040023278													
EYA3	BX648945_bp5120_R	AGCTAAAAAGTGGCTTGACTTTCGAATGTATCTCTTGAATACATTCGAAAGTCAAGCCACGG	Hs.185774	4976	0.8476125	0.31485816	0.004964323	-1.2177625	0.62821063	0.010293912													
EYA3	BX648945_bp5120_R	AGCTAAAAAGTGGCTTGACTTTCGAATGTATCTCTTGAATACATTCGAAAGTCAAGCCACGG	Hs.185774	10352	0.8043125	0.37164161	0.008761822	-0.7988875	0.45257252	0.019676504													
EYA3	BX648945_bp5120_R	AGCTAAAAAGTGGCTTGACTTTCGAATGTATCTCTTGAATACATTCGAAAGTCAAGCCACGG	Hs.185774	15728	1.1502375	0.18518805	0.00055326	-0.5116	2.1346526	0.621592976													
EYA3	BX648945_bp5258_R	AGCTAAAAAGCGGTTCCTGTCTTCTGTAAATCTCTTGAATTTACAGAAGACAGGAACGCCGG	Hs.185774	4974	0.1706625	0.20307159	0.310375891	-0.1194125	0.65233833	0.70507579													
EYA3	BX648945_bp5258_R	AGCTAAAAAGCGGTTCCTGTCTTCTGTAAATCTCTTGAATTTACAGAAGACAGGAACGCCGG	Hs.185774	10350	0.0312375	0.22211758	0.848441056	-0.2443625	0.39102731	0.292943185													
EYA3	BX648945_bp5258_R	AGCTAAAAAGCGGTTCCTGTCTTCTGTAAATCTCTTGAATTTACAGAAGACAGGAACGCCGG	Hs.185774	15726	0.3012125	0.25210392	0.121805463	-0.1513875	0.41014294	0.508873235													
EZH2	NM_004456_bp1536_R	AGCTAAAAAGTGCCAATTGCTAGGTTAATTGTCTCTTGAACAATTAACCTAGCAATGGCACGG	Hs.444082	2319	0.8864625	0.32686815	0.005310034				0.086475	0.96112773	0.821130936										
EZH2	NM_004456_bp1536_R	AGCTAAAAAGTGCCAATTGCTAGGTTAATTGTCTCTTGAACAATTAACCTAGCAATGGCACGG	Hs.444082	7695	0.8756625	0.29860802	0.004702328				0.1418	0.96570072	0.217760073										
EZH2	NM_004456_bp1536_R	AGCTAAAAAGTGCCAATTGCTAGGTTAATTGTCTCTTGAACAATTAACCTAGCAATGGCACGG	Hs.444082	13071	0.8524875	0.32282437	0.006163041				0.1216	0.98629782	0.758888423										
EZH2	NM_004456_bp1922_R	AGCTAAAAAGCCTGACCTCTGTCTTACTTCTCTCTTGAAAGTAAGACAGAGGTCAGGGTCGG	Hs.444082	1284	-0.3520125	0.26190579	0.063778852				0.499225	0.59868248	0.117799447										
EZH2	NM_004456_bp1922_R	AGCTAAAAAGCCTGACCTCTGTCTTACTTCTCTCTTGAAAGTAAGACAGAGGTCAGGGTCGG	Hs.444082	6660	-0.3899125	0.28947947	0.054496218				0.4979	0.62405248	0.125931864										
EZH2	NM_004456_bp1922_R	AGCTAAAAAGCCTGACCTCTGTCTTACTTCTCTCTTGAAAGTAAGACAGAGGTCAGGGTCGG	Hs.444082	12036	-0.3600125	0.37806178	0.097209107				0.5503	0.6518326	0.104390476										
EZH2	NM_004456_bp

FAIM	NM_018147_bp480_R	AGCTAAAAGCGGGTGAGTTTGTAGATGATATCTCTTGAAATCATCTACAAACTCACCCGCGG	Hs.17338	2232	2.2293375	0.46272031	0.000160203					1.8350375	0.35625284	0.000146391				
FAIM	NM_018147_bp480_R	AGCTAAAAGCGGGTGAGTTTGTAGATGATATCTCTTGAAATCATCTACAAACTCACCCGCGG	Hs.17338	7608	2.2290375	0.43249394	0.00013008					1.8765625	0.38158327	0.000147222				
FAIM	NM_018147_bp480_R	AGCTAAAAGCGGGTGAGTTTGTAGATGATATCTCTTGAAATCATCTACAAACTCACCCGCGG	Hs.17338	12984	2.1503625	0.39210144	0.000116315					1.8935625	0.35305388	0.00012049				
FAIM	NM_018147_bp527_R	AGCTAAAAGAACCATGACTGTTACATAAATCTCTTGAATTTATGTAACAGTCATGGTTCGG	Hs.17338	2258	-0.393516667	0.66686167	0.284466794					6.634125	2.96288348	0.003327878				
FAIM	NM_018147_bp527_R	AGCTAAAAGAACCATGACTGTTACATAAATCTCTTGAATTTATGTAACAGTCATGGTTCGG	Hs.17338	7634	-0.521183333	0.93556184	0.278371838					5.511775	0.52506214	9.26E-05				
FAIM	NM_018147_bp527_R	AGCTAAAAGAACCATGACTGTTACATAAATCTCTTGAATTTATGTAACAGTCATGGTTCGG	Hs.17338	13010	-0.148916667	0.38134256	0.549209293					6.951425	2.91593159	0.002640406				
FALZ	NM_182641_bp1053_R	AGCTAAAAGGGTGTACTGTGAGAGTGATATCTCTTGAATATCACTCTCACAGTACACCCGG	Hs.444200	4878	2.2856125	0.47407696	0.000153503	1.4490625	0.74941107	0.009252715								
FALZ	NM_182641_bp1053_R	AGCTAAAAGGGTGTACTGTGAGAGTGATATCTCTTGAATATCACTCTCACAGTACACCCGG	Hs.444200	10254	2.5091875	0.36322938	4.45E-05	1.4809625	0.69943077	0.006827766								
FALZ	NM_182641_bp1053_R	AGCTAAAAGGGTGTACTGTGAGAGTGATATCTCTTGAATATCACTCTCACAGTACACCCGG	Hs.444200	15630	2.3319875	0.56525685	0.000252715	1.6394625	0.61619734	0.003040336								
FALZ	NM_182641_bp3314_R	AGCTAAAAGAGGGTGGAATTAAGGGTATATCTCTTGAATATACCCTTAATTCCACCCTCGG	Hs.444200	4882	1.0062375	0.37721512	0.003566656	0.5460625	0.23368698	0.022659301								
FALZ	NM_182641_bp3314_R	AGCTAAAAGAGGGTGGAATTAAGGGTATATCTCTTGAATATACCCTTAATTCCACCCTCGG	Hs.444200	10258	1.0243375	0.39221619	0.00361452	0.5227875	0.2935026	0.035584694								
FALZ	NM_182641_bp3314_R	AGCTAAAAGAGGGTGGAATTAAGGGTATATCTCTTGAATATACCCTTAATTCCACCCTCGG	Hs.444200	15634	1.0561125	0.35658828	0.002509397	0.6904875	0.10984905	0.005256668								
FALZ	NM_182641_bp4567_R	AGCTAAAAGCCCTGCCATCAACCAAAGATCTCTTGAATCTTTGGTTGATGGCAGGGTCGG	Hs.444200	4880	0.2957875	0.29188246	0.145277747	0.0624875	0.50389456	0.808311358								
FALZ	NM_182641_bp4567_R	AGCTAAAAGCCCTGCCATCAACCAAAGATCTCTTGAATCTTTGGTTGATGGCAGGGTCGG	Hs.444200	10256	0.1609375	0.20844267	0.339110424	-0.0196625	0.31159018	0.918271349								
FALZ	NM_182641_bp4567_R	AGCTAAAAGCCCTGCCATCAACCAAAGATCTCTTGAATCTTTGGTTGATGGCAGGGTCGG	Hs.444200	15632	0.2711625	0.26052174	0.158826165	0.0156125	0.33161356	0.93706697								
FAM32A	NM_005370_bp231_R	AGCTAAAAGACCTACGATTACCTGTTCAATCTCTTGAATTGAACAGGTAATCGTAGGTCGG	Hs.71040	1101	0.5069125	0.34362302	0.040957172					0.5004625	0.16501667	0.037771826				
FAM32A	NM_005370_bp231_R	AGCTAAAAGACCTACGATTACCTGTTCAATCTCTTGAATTGAACAGGTAATCGTAGGTCGG	Hs.71040	6477	0.4432125	0.34374299	0.062236399					0.4375125	0.15036087	0.05797484				
FAM32A	NM_005370_bp231_R	AGCTAAAAGACCTACGATTACCTGTTCAATCTCTTGAATTGAACAGGTAATCGTAGGTCGG	Hs.71040	11853	0.4771375	0.36920158	0.055896103					0.4507125	0.16040367	0.053576536				
FAM32A	NM_005370_bp521_R	AGCTAAAAGAACTGGATTCGCAACATTGTCTCTTGAACAATGTTGCGAATCCAGTTCCGG	Hs.71040	1102	1.5291625	0.53248322	0.001476924					-0.5649125	0.08865084	0.020986366				
FAM32A	NM_005370_bp521_R	AGCTAAAAGAACTGGATTCGCAACATTGTCTCTTGAACAATGTTGCGAATCCAGTTCCGG	Hs.71040	6478	1.5235375	0.4637216	0.000972674					-0.5640125	0.05727161	0.020414957				
FAM32A	NM_005370_bp521_R	AGCTAAAAGAACTGGATTCGCAACATTGTCTCTTGAACAATGTTGCGAATCCAGTTCCGG	Hs.71040	11854	1.6218625	0.44353687	0.0006368					-0.4853625	0.14244965	0.040336661				
FAM32A	NM_005370_bp639_R	AGCTAAAAGCCCTCGACTATGGAATCAATCTCTTGAATTGATTCCATAGTCGAGGGCCGG	Hs.71040	1100	0.9727375	0.302286	0.002522264					0.4568875	0.45841421	0.106694277				
FAM32A	NM_005370_bp639_R	AGCTAAAAGCCCTCGACTATGGAATCAATCTCTTGAATTGATTCCATAGTCGAGGGCCGG	Hs.71040	6476	0.9393375	0.329438	0.003508932					0.4106375	0.45063036	0.136824935				
FAM32A	NM_005370_bp639_R	AGCTAAAAGCCCTCGACTATGGAATCAATCTCTTGAATTGATTCCATAGTCGAGGGCCGG	Hs.71040	11852	0.9303625	0.33941703	0.003900922					0.4090875	0.41528157	0.12721102				
FANCD2	AK092352_bp1243_R	AGCTAAAAAGGGACCCAAATGGCCATCAAATCTCTTGAATTTGATGGCCATTTGGGTCCCGG	Hs.208388	4183	1.4502833333	0.13135898	0.001144272					-0.3653	0.3143516	0.13377676				
FANCD2	AK092352_bp1243_R	AGCTAAAAAGGGACCCAAATGGCCATCAAATCTCTTGAATTTGATGGCCATTTGGGTCCCGG	Hs.208388	9559	1.457966667	0.21410246	0.00147521					-0.29775	0.34390976	0.218149969				
FANCD2	AK092352_bp1243_R	AGCTAAAAAGGGACCCAAATGGCCATCAAATCTCTTGAATTTGATGGCCATTTGGGTCCCGG	Hs.208388	14935	0.5018875	0.4466691	0.067381448					-0.1386	0.22314124	0.506560102				
FANCD2	AK092352_bp2563_R	AGCTAAAAAGCAGGATTTGTAGTCAGTATATCTCTTGAATATACTGACTACAAATCCTGCGG	Hs.208388	4185								-0.05905	0.23915357	0.77626526				
FANCD2	AK092352_bp2563_R	AGCTAAAAAGCAGGATTTGTAGTCAGTATATCTCTTGAATATACTGACTACAAATCCTGCGG	Hs.208388	9561								-0.117475	0.21676478	0.569714555				
FANCD2	AK092352_bp2563_R	AGCTAAAAGCAGGATTTGTAGTCAGTATATCTCTTGAATATACTGACTACAAATCCTGCGG	Hs.208388	14937								-0.0803	0.28695274	0.710478393				
FANCD2	NM_033084_bp1232_R	AGCTAAAAAGCACCAATACTCAGACAAAGATCTCTTGAATCTTTGTCTGAGTATTGGTGCGG	Hs.208388	2674	1.470975	0.44981566	0.0007175					0.4120625	0.41222914	0.095888437				
FANCD2	NM_033084_bp1232_R	AGCTAAAAAGCACCAATACTCAGACAAAGATCTCTTGAATCTTTGTCTGAGTATTGGTGCGG	Hs.208388	8050	1.4605	0.43517307	0.000689525					0.7768875	0.47681692	0.015742421				
FANCD2	NM_033084_bp1232_R	AGCTAAAAAGCACCAATACTCAGACAAAGATCTCTTGAATCTTTGTCTGAGTATTGGTGCGG	Hs.208388	13426	1.4832	0.4351278	0.006622869					0.4380875	0.47714266	0.097702519				
FANCD2	NM_033084_bp1423_R	AGCTAAAAAGGCAGTCTCCTATACAAATATTCTCTTGAAATATTTGTATAGGAGACTGCCGG	Hs.208388	2672	-0.158675	0.47407124	0.681741206					0.7081875	0.80195034	0.066252937				
FANCD2	NM_033084_bp1423_R	AGCTAAAAAGGCAGTCTCCTATACAAATATTCTCTTGAAATATTTGTATAGGAGACTGCCGG	Hs.208388	8048	0.474475	1.49245873	0.421668834					0.8258625	0.79484658	0.039848072				
FANCD2	NM_033084_bp1423_R	AGCTAAAAAGGCAGTCTCCTATACAAATATTCTCTTGAAATATTTGTATAGGAGACTGCCGG	Hs.208388	13424	-0.056175	0.4128439	0.998187794					0.9496375	0.54310849	0.00915713				
FANCD2	NM_033084_bp4336_R	AGCTAAAAGCCCACTGAGGTATCTCTACAATCTCTTGAATTGTAGAGATACCTCAGTGGCGG	Hs.208388	2676	-0.223675	0.85134293	0.657325426					-0.1654625	0.52364876	0.649821203				
FANCD2	NM_033084_bp4336_R	AGCTAAAAGCCCACTGAGGTATCTCTACAATCTCTTGAATTGTAGAGATACCTCAGTGGCGG	Hs.208388	8052	-0.223925	0.58704898	0.554109245					-0.1748625	0.35036481	0.567464749				
FANCD2	NM_033084_bp4336_R	AGCTAAAAGCCCACTGAGGTATCTCTACAATCTCTTGAATTGTAGAGATACCTCAGTGGCGG	Hs.208388	13428	-0.185975	0.81953534	0.716985043					-0.1926875	0.41087888	0.54008207				
FARP1	BX537667_bp1265_R	AGCTAAAAAGACCCAGTCTTAAATTAACAATCTCTTGAATTGTTAATTTAAGACTGGGTCGG	Hs.403917	4254	-0.3207	0.36016312	0.152146426	-1.323125	0.58383988	0.006023765		-0.3902	0.661017	0.28952976				
FARP1	BX537667_bp1265_R	AGCTAAAAAGACCCAGTCTTAAATTAACAATCTCTTGAATTGTTAATTTAAGACTGGGTCGG	Hs.403917	15006	0.282725	0.40068348	0.219979975	-1.43415	1.29945013	0.125221672		0.1867	0.21991021	0.590570683				
FARP1	BX537667_bp1265_R	AGCTAAAAAGACCCAGTCTTAAATTAACAATCTCTTGAATTGTTAATTTAAGACTGGGTCGG	Hs.403917	9630	-0.763633333	0.91657384	0.135035667					-0.7278						
FARP1	BX537667_bp490_R	AGCTAAAAAGAGGGCCTCCTTGTGCTAATATCTCTTGAATATTAGCACAAGGAGGCCCTCGG	Hs.403917	4252	0.974175	0.8155836	0.033560281	1.40935	0.75115308	0.010344243	0.160866667	0.09464419	0.515161969					
FARP1	BX537667_bp490_R	AGCTAAAAAGAGGGCCTCCTTGTGCTAATATCTCTTGAATATTAGCACAAGGAGGCCCTCGG	Hs.403917	9628	1.0165	0.61355539	0.013055385	1.436975	0.70898501	0.008003305		0.1476	0.01452859	0.544810527				
FARP1	BX537667_bp490_R	AGCTAAAAAGAGGGCCTCCTTGTGCTAATATCTCTTGAATATTAGCACAAGGAGGCCCTCGG	Hs.403917	15004	1.0554	0.98640917	0.046926985	1.214266667	0.37631331	0.009609937	0.039033333	0.50104575	0.898428235					
FARP1	BX537667_bp6362_R	AGCTAAAAAGCAGGGCAATTTCAGGAAATATCTCTTGAATATTTCCTGAAATTGCCCTGCGG	Hs.403917	4250	0.421825	1.22119198	0.428183785	-0.0586	0.15682554	0.766165984	-0.43213333	0.52812768	0.204656109					
FARP1	BX537667_bp6362_R	AGCTAAAAAGCAGGGCAATTTCAGGAAATATCTCTTGAATATTTCCTGAAATTGCCCTGCGG	Hs.403917	9626	0.518625	1.46302891	0.164320047	-0.305875	0.30432047	0.154969402	-0.6274	0.5498374	0.091599641					
FARP1	BX537667_bp6362_R	AGCTAAAAAGCAGGGCAATTTCAGGAAATATCTCTTGAATATTTCCTGAAATTGCCCTGCGG	Hs.403917	15002	0.401875	1.20562751	0.443892788	-0.307525	0.10871205	0.079910657	-0.631	0.53000503	0.086504163					
FAS	NM_000043_bp1188_R	AGCTAAAAGCATCAACTTCATGGAAAGATCTCTTGAATCTTTCCATGAAGTTGATGCCGG	Hs.244139	3188	0.478	0.97016622	0.282098134					0.22205	0.35496887	0.349202057				
FAS	NM_000043_bp1188_R	AGCTAAAAGCATCAACTTCATGGAAAGATCTCTTGAATCTTTCCATGAAGTTGATGCCGG	Hs.244139	8564	0.42615	1.00902286	0.347227102					0.214525	0.36554022	0.368996819				
FAS	NM_000043_bp1188_R	AGCTAAAAGCATCAACTTCATGGAAAGATCTCTTGAATCTTTCCATGAAGTTGATGCCGG	Hs.244139	13940	0.396075	0.7395878	0.2624766					0.22305	0.42805926	0.377867862				
FAS	NM_000043_bp868_R	AGCTAAAAAGGGGTGGCTTTGTCTTCTTCTTCTCTTGAAAGAAGAAGACAAAGCCACCCCGG	Hs.244139	8566	-0.253825	0.30608219	0.207137552					-0.5365	1.13302676	0.264425748				
FAS	NM_000043_bp868_R	AGCTAAAAAGGGGTGGCTTTGTCTTCTTCTTCTCTTGAAAGAAGAAGACAAAGCCACCCCGG	Hs.244139	13942	-0.286875	0.29868975	0.158751596					-0.5346	1.11750376	0.261053485				
FAS	NM_000043_bp868_R	AGCTAAAAAGGGGTGGCTTTGTCTTCTTCTTCTCTTGAAAGAAGAAGACAAAGCCACCCCGG	Hs.244139	3190	-0.26955	0.28936917	0.175621749					-0.446025	1.10316622	0.33590961				
FASLG	NM_000639_bp695_R	AGCTAAAAGGCCCTTGTGATCAATGAAACTTCTTTGAAAGTTTCATTGATCACAAGGCCGG	Hs.2007	788	-0.4634125	0.8552172	0.248528949					0.064766667	0.92645596	0.879162721				
FASLG	NM_000639_bp695_R	AGCTAAAAGGCCCTTGTGATCAATGAAACTTCTTTGAAAGTTTCATTGATCACAAGGCCGG	Hs.2007	6164	-0.4952375	0.851393	0.220192677					-0.2823	1.12684537	0.60319423				
FASLG	NM_000639_bp695_R	AGCTAAAAGGCCCTTGTGATCAATGAAACTTCTTTGAAAGTTTCATTGATCACAAGGCCGG	Hs.2007	11540	-0.5723125	0.93430871	0.195865241					0.5411						
FASLG	NM_000639_bp751_R	AGCTAAAAGGTCGATCTTGCAACAACCTCTTGAAAGGTTGTTGCAAGATTGACCCGG	Hs.2007	789	2.7026875	0.93718633	0.00089071					0.513083333	0.46104639	0.127654825				
FASLG	NM_000639_bp751_R	AGCTAAAAGGTCGATCTTGCAACAACCTCTTGAAAGGTTGTTGCAAGATTGACCCGG	Hs.2007	6165	3.4398375	1.36203032	0.001420955					0.474616667	0.37493278	0.132190091				
FASLG	NM_000639_bp751_R	AGCTAAAAGGTCGATCTTGCAACAACCTCTTGAAAGGTTGTTGCAAGATTGACCCGG	Hs.2007	11541	3.4701375	1.30184773	0.001124752					0.536016667	0.39071925	0.100839652				
FASLG	NM_000639_bp893_R	AGCTAAAAGGGGCAGTGTTCAATCTTACCTCTCTTGAAGGTAAGATTGAACACTGCCCCGG	Hs.2007	12882	-0.4245	0.3317745	0.215806394					0.10085						
FASLG	NM_000639_bp893_R	AGCTAAAAGGGGCAGTGTTCAATCTTACCTCTCTTGAAGGTAAGATTGAACACTGCCCCGG	Hs.2007	2130														
FASLG	NM_000639_bp893_R	AGCTAAAAGGGGCAGTGTTCAATCTTACCTCTCTTGAAGGTAAGATTGAACACTGCCCCGG	Hs.2007	7506														
FBL	NM_001436_bp369_R	AGCTAAAAGATGACATGGTCACCAAGAACTCTCTTGAAGTTCTTGGTGACCAGTGCATCGG	Hs.299002	13434	2.353325	0.08580741	0.001992082					-0.66075	0.85708357	0.169432657				
FBL	NM_001436_bp369_R	AGCTAAAAGATGACATGGTCACCAAGAACTCTCTTGAAGTTCTTGGTGACCAGTGCATCGG	Hs.299002	2682	2.48315							-0.142525	0.88526234	0.830031585				
FBL	NM_001436_bp369_R	AGCTAAAAGATGACATGGTCACCAAGAACTCTCTTGAAGTTCTTGGTGACCAGTGCATCGG	Hs.299002	8058	2.47485							-0.233775	0.8287645	0.676000005				
FBL	NM_001436_bp604_R	AGCTAAAAGTCCGGATGGTCTAGTCTATGTCTCTTGAACATAGACTAGACCATCCGGACGG	Hs.299002	2680	3.59185	0.80498512	0.000102299					3.100225	2.50842595	0.027336331				
FBL	NM_001436_bp604_R	AGCTAAAAGTCCGGATGGTCTAGTCTATGTCTCTTGAACATAGACTAGACCATCCGGACGG	Hs.299002	8056	5.2685	0.60013207	5.64E-06					3.266375	2.86332284	0.033716662				
FBL	NM_001436_bp604_R	AGCTAAAAGTCCGGATGGTCTAGTCTATGTCTCTTGAACATAGACTAGACCATCCGGACGG	Hs.299002	13432	3.63205	0.97027013	0.000211286					2.676825	2.91161824	0.062407689				
FBL	NM_001436_bp648_R	AGCTAAAAGGCCGTGACCTCATTAACTTGTTCTCTTGAACAAGTTAATGAGGTCACGGCCGG	Hs.299002	2678	1.9379	1.0538151	0.005344176					0.3645875	0.63636288	0.202866112				
FBL	NM_001436_bp648_R	AGCTAAAAGGCCGTGACCTCATTAACTTGTTCTCTTGAACAAGTTAATGAGGTCACGGCCGG	Hs.299002	8054	1.8635	1.11669542	0.007832801					0.4579125	0.72148353	0.155733244				
FBL	NM_001436_bp648_R	AGCTAAAAGGCCGTGACCTCATTAACTTGTTCTCTTGAACAAGTTAATGAGGTCACGGCCGG	Hs.299002	13430	1.88415	1.19877659	0.00965924					0.5215125	0.68014976	0.106035582				
FBXO10	XM_291314_bp1069_R	AGCTAAAAGGGTCACCCATCTGCAGATATATCTCTTGAATTATCTGCAGATGGGTGACCCGG	Hs.130774	3804	1.00955	0.72640432	0.022225533					0.196083333	0.13996643	0.438012694				
FBXO10	XM_291314_bp1069_R	AGCTAAAAGGGTCACCCATCTGCAGATATATCTCTTGAATTATCTGCAGATGGGTGACCCGG	Hs.130774	9180	0.98575	0.37939951	0.003929105					0.888183333	0.09069707	0.014442424				
FBXO10	XM_291314_bp1069_R	AGCTAAAAGGGTCACCCATCTGCAGATATATCTCTTGAATTATCTGCAGATGGGTGACCCGG	Hs.130774	14556	1.7984	0.8863505	0.00440043					0.33135	0.3460148	0.257175941				
FBXO10	XM_291314_bp2676_R	AGCTAAAAGGGGCAATGGTATCTATGACATCTCTTGAATGTCATAGATACCATTGCCCCGG	Hs.130774	3802	0.29605	0.14589748	0.089781481					0.1165125	0.2578166	0.584043487				
FBXO10	XM_291314_bp2676_R	AGCTAAAAGGGGCAATGGTATCTATGACATCTCTTGAATGTCATAGATACCATTGCCCCGG	Hs.130774	9178	0.329175	0.14996022	0.067676307					0.4230375	0.75114433	0.232731611				
FBXO10	XM_291314_bp2676_R	AGCTAAAAGGGGCAATGGTATCTATGACATCTCTTGAATGTCATAGATACCATTGCCCCGG	Hs.130774	14554	0.1508	0.25532137	0.396421764					0.0582875	0.18112655	0.770457625				
FBXO10	XM_291314_bp2793_R	AGCTAAAAGGTCCGACACTAAAGTGAGTATCTCTTGAATACTCACTTTAGTGTCGGACCGG	Hs.130774	3806	-0.209075	0.240133	0.245976516					0.0033125	0.23374324	0.987184354				
FBXO10	XM_291314_bp2793_R	AGCTAAAAGGTCCGACACTAAAGTGAGTATCTCTTGAATACTCACTTTAGTGTCGGACCGG	Hs.130774	9182	-0.169225	0.17722865	0.299687243					0.0001625	0.25330695	0.999380481				
FBXO10	XM_291314_bp2793_R	AGCTAAAAGGTCCGACACTAAAGTGAGTATCTCTTGAATACTCACTTTAGTGTCGGACCGG	Hs.130774	14558	-0.161625	0.21249182	0.339634146					0.0360375	0.26666272	0.86486787				
FBXO22	NM_147188_bp1087_R	AGCTAAAAGGCAGGGGCTTTCAGTATTACTCTCTTGAAGTAATACTGAAAGCCCCTGCCGG	Hs.591115	3472	-0.28555	0.03627274	0.079412632					0.2205625	0.20829624	0.299296933				
FBXO22	NM_147188_bp1087_R	AGCTAAAAGGCAGGGGCTTTCAGTATTACTCTCTTGAAGTAATACTGAAAGCCCCTGCCGG	Hs.591115	8848	-0.064875	0.26531136	0.710487792					-0.3586125	0.66912694	0.270553391				
FBXO22	NM_147188_bp1087_R	AGCTAAAAGGCAGGGGCTTTCAGTATTACTCTCTTGAAGTAATACTGAAAGCCCCTGCCGG	Hs.591115	14224	-0.0283	0.29359291	0.875797602					-0.1652375	0.59776384	0.571671846				
FBXO22	NM_147188_bp762_R	AGCTAAAAGGTCCTTGTCTTTGGTTATAATCCTGAATTTATCATATCACTGAAAGTGCCGG	Hs.591115	3470	-1.41995	0.44592064	0.001361656					-0.3358333	0.41990208	0.28019141				
FBXO22	NM_147188_bp762_R	AGCTAAAAGGTCCTTGTCTTTGGTTATAATCCTGAATTTATCATATCACTGAAAGTGCCGG	Hs.591115	8846	-1.242875	0.52967004	0.003639641					-0.4455125	0.46403137	0.115535684				
FBXO22	NM_147188_bp762_R	AGCTAAAAGGTCCTTGTCTTTGGTTATAATCCTGAATTTATCATATCACTGAAAGTGCCGG	Hs.591115	14222	-0.9377	0.09302025	0.005340113					-0.4011625	0.3287099	0.109163077				
FBXO22	NM_147188_bp827_R	AGCTAAAAGCACTTTCAGTGATATGAATATCTCTTGAATATTCATATCACTGAAAGTGCCGG	Hs.591115	8850	-1.2714	0.31020148	0.003666352					0.465516667	0.62047009	0.204130737				
FBXO22	NM_147188_bp827_R	AGCTAAAAGCACTTTCAGTGATATGAATATCTCTTGAATATTCATATCACTGAAAGTGCCGG	Hs.591115	14226	-1.1895	0.22734954	0.000615158					-0.00828333	0.19812794	0.973625088				
FBXO22	NM_147188_bp827_R	AGCTAAAAGCACTTTCAGTGATATGAATATCTCTTGAATATTCATATCACTGAAAGTGCCGG	Hs.591115	3474	-1.2223	0.29838526	0.000874228					-0.02651667	0.43524333	0.927328042				
FBXO31	AF318348_bp1051_R	AGCTAAAAGACTCATCCTGATGAAGTTCTCTCTTGAAGAACTTCATCAGGATGAGCTCGG	Hs.567582	3678	-0.2599875	0.46307534	0.291966811					0.78455	0.2601035	0.007895477				
FBXO31	AF318348_bp1051_R	AGCTAAAAGACTCATCCTGATGAAGTTCTCTCTTGAAGAACTTCATCAGGATGAGCTCGG	Hs.567582	9054	-0.1803875	0.40763161	0.416690132					-0.6931	0.24720991	0.013052433				
FBXO31	AF318348_bp1051_R	AGCTAAAAGACTCATCCTGATGAAGTTCTCTCTTGAAGAACTTCATCAGGATGAGCTCGG	Hs.567582	14430	-0.2182375	0.44690634	0.358236134					-0.632225	0.23146774	0.018244281				
FBXO31	AF318348_bp1086_R	AGCTAAAAGTACGACAACTGCCTGACCTATCTCTTGAATAGGTCAGGCAGTTGTCGTACGG	Hs.567582	3674								0.5366	0.95387453	0.250048708				
FBXO31	AF318348_bp1086_R	AGCTAAAAGTACGACAACTGCCTGACCTATCTCTTGAATAGGTCAGGCAGTTGTCGTACGG	Hs.567582	9050								0.311833333	0.9587209	0.485608771				
FBXO31	AF318348_bp1086_R	AGCTAAAAGTACGACAACTGCCTGACCTATCTCTTGAATAGGTCAGGCAGTTGTCGTACGG	Hs.567582	14426								0.5133	1.02231916	0.289558978				
FBXO31	AF318348_bp915_R	AGCTAAAAGAAGGATGAGTTCCCACCAATCTCTTGAAGCAGTTCATCACCTTCCGG	Hs.567582	3676	-0.8960875	0.39778555	0.006596518					-0.23505	0.33446161	0.315684278				
FBXO31	AF318348_bp915_R	AGCTAAAAGAAGGATGAGTTCCCACCAATCTCTTGAATGGTGGAGAACTCATCCTTCGG	Hs.567582	9052	-0.8068625	0.45035341	0.013637181					0.201175	0.5427719	0.471592155				
FBXO31	AF318348_bp915_R	AGCTAAAAGAAGGATGAGTTCCCACCAATCTCTTGAATGGTGGAGAACTCATCCTTCGG	Hs.567582	14428	-0.6170625	0.30740098	0.016959236					-0.169425	0.41857434	0.493163895				
FBXO6	NM_018438_bp433_R	AGCTAAAAGCATGGCAAATTGATTTCAATTCCTCTTGAAATTGAAATCAATTTGCCATGCGG	Hs.464419	3456	-0.705125	0.19594685	0.005273448					-0.6358625	0.38622509	0.029856588	-0.061875	0.50250561	0.821364877	0.081975	0.39722765	0.707524588
FBXO6	NM_018438_bp433_R	AGCTAAAAGCATGGCAAATTGATTTCAATTCCTCTTGAAATTGAAATCAATTTGCCATGCGG	Hs.464419	8832	-0.644425	0.19157379	0.007489036					-0.6601625	0.42283793	0.029539673	0.275425	0.41546432	0.276798292	0.268125	0.43819669	0.308388151
FBXO6	NM_018438_bp433_R	AGCTAAAAGCATGGCAAATTGATTTCAATTCCTCTTGAAATTGAAATCAATTTGCCATGCGG	Hs.464419	14208	-0.639675	0.18590559	0.007493477					-0.6295625	0.45113609	0.038784786	0.30405	0.42270688	0.24585396	0.282625	0.44747414	0.295763963
FBXO6	NM_018438_bp511_R	AGCTAAAAGACCCCAAAGTCAAGAAGATATTCTCTTGAAATACTTCTTGACTTTGGGGTCGG	Hs.464419	3454	1.0642	1.25532667	0.15459609					1.5796						0.3627
FBXO6	NM_018438_bp511_R	AGCTAAAAGACCCCAAAGTCAAGAAGATATTCTCTTGAAATACTTCTTGACTTTGGGGTCGG	Hs.464419	8830	0.9204	1.06143799	0.157866624					2.0429						
FBXO6	NM_018438_bp511_R	AGCTAAAAGACCCCAAAGTCAAGAAGATATTCTCTTGAAATACTTCTTGACTTTGGGGTCGG	Hs.464419	14206	0.41755							1.4054				-0.1475		
FBXO6	NM_018438_bp598_R	AGCTAAAAGAGGAGCTACTAGACACATTCTCTCTTGAAGAATGTGTCTAGTAGCTCCTCGG	Hs.464419	3457	1.5976	0.22311845	0.000147244					0.184016667	0.26269751	0.48858319	0.627825	0.71974028	0.179402736	0.53665	0.56914568	0.155798018
FBXO6	NM_018438_bp598_R	AGCTAAAAGAGGAGCTACTAGACACATTCTCTCTTGAAGAATGTGTCTAGTAGCTCCTCGG	Hs.464419	8833	2.12835	0.58767564	0.000447561					0.5870875	1.04905323	0.201297165	0.648625	0.72192258	0.170201145	0.427125	0.72808173	0.323556882
FBXO6	NM_018438_bp598_R	AGCTAAAAGAGGAGCTACTAGACACATTCTCTCTTGAAGAATGTGTCTAGTAGCTCCTCGG	Hs.464419	14209	1.701	0.23776724	0.00012007					-0.2001875	0.59995768	0.496829095	0.711625	0.69341636	0.132443286	0.57925	0.60107788	0.149551496
FBXW7	NM_033632_bp1465_R	AGCTAAAAGTGCGTTGTATGCATCTTCATTCTCTTGAAATCATATTGAACACAGCGACGG	Hs.561245	2666	1.764925	0.52124503	0.000591802					1.1401125	0.29186173	0.001174337				
FBXW7	NM_033632_bp1465_R	AGCTAAAAGTGCGTTGTATGCATCTTCATTCTCTTGAAATCATATTGAACACAGCGACGG	Hs.561245	8042	1.759925	0.58627584	0.000891375					1.1616375	0.25959862	0.000930221				
FBXW7	NM_033632_bp1465_R	AGCTAAAAGTGCGTTGTATGCATCTTCATTCTCTTGAAATGAAGATGCATACAAC

FES	NM_002005_bp1897_R	AGCTAAAAGCGAAGGATCCTGAAGCAGTACTCTTCTGAAGTACTGCTTCAGGATCCTCGCGGG	Hs.7636	5492	0.5835	0.93283987	0.232266907	0.1536875	0.34863361	0.463921189					
FES	NM_002005_bp1897_R	AGCTAAAAGCGAGGATCCTGAAGCAGTACTCTTCTGAAGTACTGCTTCAGGATCCTCGCGGG	Hs.7636	10868	0.457766667	1.03524879	0.369781278	0.3128125	0.66547527	0.351036584					
FES	NM_002005_bp912_R	AGCTAAAAGTTCGATGAGTCACTGCTTGATCTCTTGAATCAAGCAGTGACTCATCGAACGG	Hs.7636	117	-0.7665	0.39374957	0.012088246	0.2078125	0.09018141	0.188584826					
FES	NM_002005_bp912_R	AGCTAAAAGTTCGATGAGTCACTGCTTGATCTCTTGAATCAAGCAGTGACTCATCGAACGG	Hs.7636	5493	-0.764425	0.42905779	0.014916418	0.2241875	0.0903596	0.162225996					
FES	NM_002005_bp912_R	AGCTAAAAGTTCGATGAGTCACTGCTTGATCTCTTGAATCAAGCAGTGACTCATCGAACGG	Hs.7636	10869	-0.7839	0.43985637	0.014380905	0.1803375	0.15402901	0.270343172					
FGD6	GM_370702_bp2230_R	AGCTAAAAAGCAGCTCAAATTAACTTGCAATCTCTTGAATTGCAAGTTAATTTGAGCTGCGG		14562	-0.3652	0.14556957	0.048735393						-0.1649125	0.31716049	0.465317266
FGD6	GM_370702_bp2230_R	AGCTAAAAGCAGCTCAAATTAACTTGCAATCTCTTGAATTGCAAGTTAATTTGAGCTGCGG		3810	-0.13985								-0.4912		
FGD6	GM_370702_bp2230_R	AGCTAAAAGCAGCTCAAATTAACTTGCAATCTCTTGAATTGCAAGTTAATTTGAGCTGCGG		9186	-0.47635								-0.4361		
FGD6	GM_370702_bp4614_R	AGCTAAAAGCCAAGCTTGTTCGTCTAATATCTCTTGAATATTAGACGAACAAGCTTGGCGG		9184	0.1989	0.48558124	0.422783715						-0.3868625	0.24187752	0.099386626
FGD6	GM_370702_bp4614_R	AGCTAAAAGCCAAGCTTGTTCGTCTAATATCTCTTGAATATTAGACGAACAAGCTTGGCGG		14560	-0.0259	0.57684173	0.923877314						-0.1285875	0.37224426	0.584107287
FGD6	GM_370702_bp4614_R	AGCTAAAAGCCAAGCTTGTTCGTCTAATATCTCTTGAATATTAGACGAACAAGCTTGGCGG		3808	0.2826	0.75638188	0.417203593						-0.35101667	0.25778276	0.211862753
FGFR1	NM_023109_bp1016_R	AGCTAAAAGCCTCTATGCTTGCGTAACCATCTCTTGAATGGTTACGCAAGCATAGAGGCGG	Hs.264887	1910	-1.3954	0.4125261	0.016818394	-0.991433333	0.41831952	0.021180255					
FGFR1	NM_023109_bp1016_R	AGCTAAAAGCCTCTATGCTTGCGTAACCATCTCTTGAATGGTTACGCAAGCATAGAGGCGG	Hs.264887	12662	-0.476175	0.35065135	0.051663702	-0.1831	0.3320809	0.377636788					
FGFR1	NM_023109_bp1016_R	AGCTAAAAGCCTCTATGCTTGCGTAACCATCTCTTGAATGGTTACGCAAGCATAGAGGCGG	Hs.264887	7286	-1.105425	0.42049647	0.003108574	-0.705233333	0.21137572	0.027128154					
FGFR1	NM_023109_bp1698_R	AGCTAAAAAGGTGCTTCACTTAAGAAATGTTTCTCTTGAAACATTTCTTAAGTGAAGCACCGG	Hs.264887	1912	-0.378475	0.37835957	0.110141644	-0.6149	0.37848019	0.032474373					
FGFR1	NM_023109_bp1698_R	AGCTAAAAAGGTGCTTCACTTAAGAAATGTTTCTCTTGAAACATTTCTTAAGTGAAGCACCGG	Hs.264887	7288	-0.067175	0.09757535	0.639132998	-0.300075	0.23420378	0.127158468					
FGFR1	NM_023109_bp1698_R	AGCTAAAAAGGTGCTTCACTTAAGAAATGTTTCTCTTGAAACATTTCTTAAGTGAAGCACCGG	Hs.264887	12664	0.670875	2.02741044	0.436888953	-1.2041	1.37239049	0.096672953					
FGFR1	NM_023109_bp2152_R	AGCTAAAAGACAGACTGGTCTTAGGCAAATCTCTTGAATTTGCCTAAGACCAGTCTGTCGG	Hs.264887	697	-0.4034	0.21073979	0.045886248	0.1039	0.3782366	0.630044357					
FGFR1	NM_023109_bp2152_R	AGCTAAAAGACAGACTGGTCTTAGGCAAATCTCTTGAATTTGCCTAAGACCAGTCTGTCGG	Hs.264887	6073	-0.30325	0.36271139	0.172625601	0.474475	0.30138747	0.049917748					
FGFR1	NM_023109_bp2152_R	AGCTAAAAGACAGACTGGTCTTAGGCAAATCTCTTGAATTTGCCTAAGACCAGTCTGTCGG	Hs.264887	11449	-0.103275	0.2545362	0.552986609	0.479825	0.41276916	0.079254734					
FGFR2	NM_023028_bp2139_R	AGCTAAAAAGCCGTGAAGATGTTGAAAGATTTCTTGAAATCTTTCAAACATCTTCACGGCGG	Hs.533683	682	-0.410866667	1.0239103	0.412044805	-0.27255	0.39663724	0.251204738					
FGFR2	NM_023028_bp2139_R	AGCTAAAAAGCCGTGAAGATGTTGAAAGATTTCTTGAAATCTTTCAAACATCTTCACGGCGG	Hs.533683	6058	-0.044633333	1.03962395	0.926602133	0.5205	0.34019695	0.045423381					
FGFR2	NM_023028_bp2139_R	AGCTAAAAAGCCGTGAAGATGTTGAAAGATTTCTTGAAATCTTTCAAACATCTTCACGGCGG	Hs.533683	11434	0.006366667	1.21931471	0.990886868	0.5328	0.36736671	0.048168205					
FGFR2	NM_023028_bp2348_R	AGCTAAAAGGAGTACTCCTATGACATTAATCTCTTGAATTAATGTCATAGGAGTACTCCGG	Hs.533683	683	1.19405	0.88890223	0.02255168	-0.5221	0.24630939	0.028121285					
FGFR2	NM_023028_bp2348_R	AGCTAAAAGGAGTACTCCTATGACATTAATCTCTTGAATTAATGTCATAGGAGTACTCCGG	Hs.533683	6059	1.4421	0.8108447	0.008020231	-0.39325	0.05858615	0.034538816					
FGFR2	NM_023028_bp2348_R	AGCTAAAAGGAGTACTCCTATGACATTAATCTCTTGAATTAATGTCATAGGAGTACTCCGG	Hs.533683	11435	1.73465	0.82894404	0.004004354	0.124075	0.18158677	0.446475558					
FGFR2	NM_023028_bp2538_R	AGCTAAAAGGCCAGAGATATCAACAATATATCTCTTGAATATATTGTTGATATCTCTGGCGG	Hs.533683	6060	-0.23785	0.81692046	0.600446414	-0.0609	1.13943187	0.922291973					
FGFR2	NM_023028_bp2538_R	AGCTAAAAGGCCAGAGATATCAACAATATATCTCTTGAATATATTGTTGATATCTCTGGCGG	Hs.533683	11436	-0.19	0.93592654	0.700027104	-0.0432	1.28085322	0.948895893					
FGFR2	NM_023028_bp2538_R	AGCTAAAAGGCCAGAGATATCAACAATATATCTCTTGAATATATTGTTGATATCTCTGGCGG	Hs.533683	684	0.2837										
FGFR3	NM_000142_bp1005_R	AGCTAAAAGGTTCTTCCCTTGCACAACGTTTCTTGAAACGTTTGTGCAAGGAGGAAGACCGG	Hs.1420	4	-0.377066667	0.39851026	0.18039679	-0.6576125	0.61448154	0.072952403					
FGFR3	NM_000142_bp1005_R	AGCTAAAAGGTTCTTCCCTTGCACAACGTTTCTTGAAACGTTTGTGCAAGGAGGAAGACCGG	Hs.1420	5380	-0.47515	0.63080996	0.265845883	-0.5295875	0.53551444	0.097624186					
FGFR3	NM_000142_bp1005_R	AGCTAAAAGGTTCTTCCCTTGCACAACGTTTCTTGAAACGTTTGTGCAAGGAGGAAGACCGG	Hs.1420	10756	-0.5463	0.44519443	0.163130245	-0.5718125	0.67095658	0.124093258					
FGFR3	NM_000142_bp729_R	AGCTAAAAGAGAACAAGTTTGGCAGCATTCTCTTGAAATGCTGCCAAACTTGTTCTCCGG	Hs.1420	5											
FGFR3	NM_000142_bp729_R	AGCTAAAAAGAGAACAAGTTTGGCAGCATTCTCTTGAAATGCTGCCAAACTTGTTCTCCGG	Hs.1420	5381											
FGFR3	NM_000142_bp729_R	AGCTAAAAAGAGAACAAGTTTGGCAGCATTCTCTTGAAATGCTGCCAAACTTGTTCTCCGG	Hs.1420	10757											
FGFR3	NM_000142_bp852_R	AGCTAAAAAGGAGTTCCACTGCAAGGTGTATCTCTTGAATACACCTTGCAGTGGAACTCCGG	Hs.1420	6	1.3852			0.1468125	0.60664695	0.624012037					
FGFR3	NM_000142_bp852_R	AGCTAAAAAGGAGTTCCACTGCAAGGTGTATCTCTTGAATACACCTTGCAGTGGAACTCCGG	Hs.1420	5382	0.89495	0.76318035	0.105100493	0.1821875	0.5836213	0.534387997					
FGFR3	NM_000142_bp852_R	AGCTAAAAAGGAGTTCCACTGCAAGGTGTATCTCTTGAATACACCTTGCAGTGGAACTCCGG	Hs.1420	10758	0.97105	0.79712147	0.093693583	0.2074625	0.66899867	0.495800157					
FGFR4	NM_002011_bp1499_R	AGCTAAAAGCCTCGTGAGTCTAGATCTACTTCTCTTGAAGTAGATCTAGACTCACGAGGCGG	Hs.165950	118	-0.256475	0.60260107	0.37992303	-0.3833375	0.3978373	0.130396462					
FGFR4	NM_002011_bp1499_R	AGCTAAAAGCCTCGTGAGTCTAGATCTACTTCTCTTGAAGTAGATCTAGACTCACGAGGCGG	Hs.165950	5494	-0.23015	0.60250144	0.427107122	-0.3888375	0.32586363	0.096227283					
FGFR4	NM_002011_bp1499_R	AGCTAAAAGCCTCGTGAGTCTAGATCTACTTCTCTTGAAGTAGATCTAGACTCACGAGGCGG	Hs.165950	10870	-0.1704	0.42562251	0.452495554	-0.3455375	0.24274006	0.093294751					
FGFR4	NM_002011_bp1657_R	AGCTAAAAAGCCGTCAAGATGCTCAAAGACTCTCTTGAAGTCTTTGAGCATCTTGACGCCGG	Hs.165950	119	-0.069	0.10742867	0.70958204	-0.5958875	0.24511975	0.017773501					
FGFR4	NM_002011_bp1657_R	AGCTAAAAAGCCGTCAAGATGCTCAAAGACTCTCTTGAAGTCTTTGAGCATCTTGACGCCGG	Hs.165950	5495	0.070666667	0.17587946	0.716972675	-0.5116375	0.15659455	0.019519684					
FGFR4	NM_002011_bp1657_R	AGCTAAAAAGCCGTCAAGATGCTCAAAGACTCTCTTGAAGTCTTTGAGCATCTTGACGCCGG	Hs.165950	10871	-0.062333333	0.18971906	0.751662406	-0.4773625	0.05290034	0.017780379					
FGFR4	NM_002011_bp2065_R	AGCTAAAAGTCCACCACATTGACTACTATTCTCTTGAAATAGTAGTCAATGTGGTGGACGG	Hs.165950	1647	0.6826	0.45567273	0.026050099	1.8579875	0.59986873	0.001668792					
FGFR4	NM_002011_bp2065_R	AGCTAAAAGTCCACCACATTGACTACTATTCTCTTGAAATAGTAGTCAATGTGGTGGACGG	Hs.165950	7023	0.641575	0.51724143	0.042968251	1.8717625	0.55031189	0.001227561					
FGFR4	NM_002011_bp2065_R	AGCTAAAAGTCCACCACATTGACTACTATTCTCTTGAAATAGTAGTCAATGTGGTGGACGG	Hs.165950	12399	0.76735	0.50983339	0.022477907	1.9088625	0.71275521	0.00265274					
FGR	NM_005248_bp210_R	AGCTAAAAGAAGGGGGACTTCAGAAGCTATCTCTTGAATGAGCTTCTGAAGTCCCCTTCCGG	Hs.1422	5769	-0.97305	0.55530031	0.01154843	-1.419133333	2.90772195	0.33809334					
FGR	NM_005248_bp210_R	AGCTAAAAGAAGGGGGACTTCAGAAGCTATCTCTTGAATGAGCTTCTGAAGTCCCCTTCCGG	Hs.1422	11145	-1.0377	0.54480619	0.008448311	-1.514533333	3.03041123	0.327887595					
FGR	NM_005248_bp210_R	AGCTAAAAGAAGGGGGACTTCAGAAGCTATCTCTTGAATGAGCTTCTGAAGTCCCCTTCCGG	Hs.1422	393											
FGR	NM_005248_bp721_R	AGCTAAAAAGGCGATCATGTGAAGCATTACTCTCTTGAAGTAATGCTTCACATGATCGCCGG	Hs.1422	394	1.077725	1.11009648	0.061160834	-1.605833333	1.6238878	0.102007744					
FGR	NM_005248_bp721_R	AGCTAAAAAGGCGATCATGTGAAGCATTACTCTCTTGAAGTAATGCTTCACATGATCGCCGG	Hs.1422	5770	1.1342	1.13326992	0.085660806	-2.1095	2.5677408	0.146449593					
FGR	NM_005248_bp721_R	AGCTAAAAAGGCGATCATGTGAAGCATTACTCTCTTGAAGTAATGCTTCACATGATCGCCGG	Hs.1422	11146	1.267175	1.30051435	0.058467668	-2.264933333	2.25295796	0.09533152					
FH	NM_000143_bp1026_R	AGCTAAAAGCCTGCAGCTCTGATGAAGATATCTCTTGAATATCTTCATCAGACTGCAGGCGG	Hs.498239	1280	0.3544625	0.37812979	0.164551661						0.391675	0.24825728	0.096242815
FH	NM_000143_bp1026_R	AGCTAAAAGCCTGCAGCTCTGATGAAGATATCTCTTGAATATCTTCATCAGACTGCAGGCGG	Hs.498239	6656	0.3596625	0.42273069	0.182115576						0.3486	0.24657455	0.129198366
FH	NM_000143_bp1026_R	AGCTAAAAGCCTGCAGCTCTGATGAAGATATCTCTTGAATATCTTCATCAGACTGCAGGCGG	Hs.498239	12032	0.3377625	0.45781579	0.22820026						0.428175	0.3919588	0.106054993
FH	NM_000143_bp339_R	AGCTAAAAGCCGCTGAAGTAAACCAGGATCTCTTGAAATCCTGGTTTACTTCAGCGGCGGG	Hs.498239	1281	-0.4560125	0.25706425	0.029475584						-0.67015	0.37135728	0.024249719
FH	NM_000143_bp339_R	AGCTAAAAGCCGCTGAAGTAAACCAGGATCTCTTGAAATCCTGGTTTACTTCAGCGGCGGG	Hs.498239	6657	-0.4102375	0.23677589	0.037142517						-0.6841	0.35352944	0.020881394
FH	NM_000143_bp339_R	AGCTAAAAGCCGCTGAAGTAAACCAGGATCTCTTGAAATCCTGGTTTACTTCAGCGGCGGG	Hs.498239	12033	-0.4328875	0.270547	0.036925571						-0.699925	0.33850294	0.017918151
FH	NM_000143_bp624_R	AGCTAAAAAGCTGCTGCAATGAAGTTCATTCTCTTGAAATGATTAGCAACTTCATTGACGCGCGG	Hs.498239	2313	-0.0637375	0.44006631	0.654164385						-0.172175	0.55769374	0.551837708
FH	NM_000143_bp624_R	AGCTAAAAAGCTGCTGCAATGAAGTTCATTCTCTTGAAATGAACTTCATTGACGCGCGG	Hs.498239	7689	-0.2895625	0.54306575	0.24049044						-0.22135	0.51997979	0.430797672
FH	NM_000143_bp624_R	AGCTAAAAAGCTGCTGCAATGAAGTTCATTCTCTTGAAATGAACTTCATTGACGCGCGG	Hs.498239	13065	-0.2101375	0.47405471	0.317933874						-0.221625	0.54911851	0.44289708
FHL1	AK122708_bp1712_R	AGCTAAAAGGGCACACAGTGGATATATTATCTCTTGAATAATGATGATCACTGTGTGCCCGG	Hs.435369	4092	1.7988375	0.40009949	0.000290009						0.65965	0.17973472	0.013221383
FHL1	AK122708_bp1712_R	AGCTAAAAGGGCACACAGTGGATATATTATCTCTTGAATAATGATGATCACTGTGTGCCCGG	Hs.435369	9468	1.7122125	0.36860824	0.000293822						0.802175	0.235691	0.006546994
FHL1	AK122708_bp1712_R	AGCTAAAAGGGCACACAGTGGATATATTATCTCTTGAATAATGATGATCACTGTGTGCCCGG	Hs.435369	14844	1.7573125	0.44251721	0.000434071						0.84725	0.43079576	0.011048245
FHL1	AK122708_bp1875_R	AGCTAAAAGCAAGAAGCATAGGAGATAAATCTCTTGAATTTATCTCCTATGCTTCTTGCGG	Hs.435369	4094	-0.6984125	0.2601189	0.007936754						-0.227625	0.26751417	0.304761013
FHL1	AK122708_bp1875_R	AGCTAAAAGCAAGAAGCATAGGAGATAAATCTCTTGAATTTATCTCCTATGCTTCTTGCGG	Hs.435369	9470	-0.5921625	0.29504746	0.018468808						-0.2589	0.25967769	0.246382775
FHL1	AK122708_bp1875_R	AGCTAAAAGCAAGAAGCATAGGAGATAAATCTCTTGAATTTATCTCCTATGCTTCTTGCGG	Hs.435369	14846	-0.5431875	0.31648466	0.028283829						-0.181525	0.27758538	0.40909543
FHL1	AK122708_bp404_R	AGCTAAAAGCTGCTATGTTATATGATAAATCTCTTGAATTTATCATATAACATGAGCACGG	Hs.435369	4096	-0.3992125	0.35771364	0.088650054						0.227475	1.11319814	0.615674563
FHL1	AK122708_bp404_R	AGCTAAAAGCTGCTATGTTATATGATAAATCTCTTGAATTTATCATATAACATGAGCACGG	Hs.435369	9472	-0.6560875	0.54959761	0.045984562						-0.27275	0.29519052	0.236676115
FHL1	AK122708_bp404_R	AGCTAAAAGCTGCTATGTTATATGATAAATCTCTTGAATTTATCATATAACATGAGCACGG	Hs.435369	14848									-0.147725	0.26680337	0.493897342
FKBP1A	NM_000801_bp1215_R	AGCTAAAAGCTCCACCACTTCTTGAAAGAACTGCTGGAGCCGG	Hs.471933	3007	0.575775	0.48355985	0.052216647						0.5324	0.4800712	0.073567644
FKBP1A	NM_000801_bp1215_R	AGCTAAAAGCTCCACCACTTCTTGAAAGATTTAGGAAGTGGTGGAGCGG	Hs.471933	8383	0.49525	0.43597952	0.066977252						0.24	0.26509928	0.280698916
FKBP1A	NM_000801_bp1215_R	AGCTAAAAGCTCCACCACTTCTTGAAAGATTTAGGAAGTGGTGGAGCGG	Hs.471933	13759	0.861425	0.31204516	0.004553023						0.455325	0.42013503	0.097550827
FKBP1A	NM_000801_bp809_R	AGCTAAAAAGGGGGGGGTTTGCAAGAATATTCTCTTGAAATATTCTTGCAAACCCCCCCCGG	Hs.471933	3003	-1.581675	0.59690742	0.001856061						0.103275	0.9437958	0.793205903
FKBP1A	NM_000801_bp809_R	AGCTAAAAGGGGGGGGTTTGCAAGAATATTCTCTTGAAATATTCTTGCAAACCCCCCCCGG	Hs.471933	8379	-1.6195	0.66411503	0.002420158						0.08855	0.85808356	0.809075885
FKBP1A	NM_000801_bp809_R	AGCTAAAAGGGGGGGGTTTGCAAGAATATTCTCTTGAAATATTCTTGCAAACCCCCCCCGG	Hs.471933	13755	-1.5051	0.7159421	0.004358193						0.142175	0.87785165	0.703939507
FKBP1A	NM_000801_bp948_R	AGCTAAAAAGAGAGATGTCTTTGGGTTAAATCTCTTGAATTTAACCCAAAGACATCTCTCGG	Hs.471933	3005	2.14825	0.6719735	0.000698772						-0.681275	0.77559842	0.081228134
FKBP1A	NM_000801_bp948_R	AGCTAAAAGAGAGATGTCTTTGGGTTAAATCTCTTGAATTTAACCCAAAGACATCTCTCGG	Hs.471933	8381	2.14655	0.67691599	0.000720805						-0.735325	0.60078661	0.03741982
FKBP1A	NM_000801_bp948_R	AGCTAAAAGAGAGATGTCTTTGGGTTAAATCTCTTGAATTTAACCCAAAGACATCTCTCGG	Hs.471933	13757	2.182175	0.68063624	0.000681497						-0.778775	0.60758841	0.031090476
FKBP5	NM_004117_bp1014_R	AGCTAAAAAGGTGATTCAGTATGGGAAGATTCTCTTGAAATCTTCCCATACTGAATCACCGG	Hs.407190	2688	1.66385	1.03369658	0.010466174						0.145483333	1.68028173	0.78454463
FKBP5	NM_004117_bp1014_R	AGCTAAAAGGTGATTCAGTATGGGAAGATTCTCTTGAAATCTTCCCATACTGAATCACCGG	Hs.407190	8064	1.60265	0.9212558	0.008087764						0.118483333	1.50703785	0.797094878
FKBP5	NM_004117_bp1014_R	AGCTAAAAGGTGATTCAGTATGGGAAGATTCTCTTGAAATCTTCCCATACTGAATCACCGG	Hs.407190	13440	1.74025	0.94449372	0.006365324						0.088283333	1.45225872	0.829192077
FKBP5	NM_004117_bp840_R	AGCTAAAAAGAAGCCTAAATTTGGCATTGATCTTCTTGAATCAATGCCAAATTTAGGCTTCGG	Hs.407190	2686									0.457383333	1.55494377	0.444743427
FKBP5	NM_004117_bp840_R	AGCTAAAAAGAAGCCTAAATTTGGCATTGATCTTCTTGAATCAATGCCAAATTTAGGCTTCGG	Hs.407190	8062	-0.65975								0.36865	1.48629149	0.510072756
FKBP5	NM_004117_bp840_R	AGCTAAAAAGAAGCCTAAATTTGGCATTGATCTTCTTGAATCAATGCCAAATTTAGGCTTCGG	Hs.407190	13438	-0.207	0.45247763	0.706099451						0.450016667	1.4625522	0.428572535
FKBP5	NM_004117_bp923_R	AGCTAAAAGGGGAGATGGATACCAAAGAAATCTCTTGAATTTCTTTGGTATCCATCTCCCCGG	Hs.407190	2684	-0.490766667	1.17138297	0.454118524						1.3136625	1.18759525	0.023824197
FKBP5	NM_004117_bp923_R	AGCTAAAAGGGGAGATGGATACCAAAGAAATCTCTTGAATTTCTTTGGTATCCATCTCCCCGG	Hs.407190	8060	-0.55702	0.4844973	0.083789252						1.5047375	1.2833127	0.018376694
FKBP5	NM_004117_bp923_R	AGCTAAAAGGGGAGATGGATACCAAAGAAATCTCTTGAATTTCTTTGGTATCCATCTCCCCGG	Hs.407190	13436	-0.796425	0.3777822	0.015285424						1.3157125	1.19337366	0.02408523
FLCN	NM_144997_bp1030_R	AGCTAAAAAGGACCCGGATCTACCTCATCAATCTCTTGAATTGATGAGGTGAGATCCGGTCCGG	Hs.513975	2605	-0.26305	0.35554684	0.24735518						-0.204825	0.59823206	0.495932131
FLCN	NM_144997_bp1030_R	AGCTAAAAAGGACCCGGATCTACCTCATCAATCTCTTGAATTGATGAGGTGAGATCCGGTCCGG	Hs.513975	7981	-0.409683333	0.1567024	0.066983717						-0.434075	0.56237678	0.158938507
FLCN	NM_144997_bp1030_R	AGCTAAAAGGACCCGGATCTACCTCATCAATCTCTTGAATTGATGAGGTGAGATCCGGTCCGG	Hs.513975	13357	-0.6413625	0.24793828	0.00842359						-0.5949	0.45357939	0.049456958
FLCN	NM_144997_bp1864_R	AGCTAAAAGGATGACCAGTCTCTCAGCAATCTCTTGAATTGCTGAGAGACTGGTCATCCGG	Hs.513975	2607	-0.5027125	0.23173251	0.018745656						-0.414825	0.856199	0.285530321
FLCN	NM_144997_bp1864_R	AGCTAAAAGGATGACCAGTCTCTCAGCAATCTCTTGAATTGCTGAGAGACTGGTCATCCGG	Hs.513975	7983	-0.3528375	0.38345171	0.104606749						-0.388375	0.5268159	0.184872323
FLCN	NM_144997_bp1864_R	AGCTAAAAGGATGACCAGTCTCTCAGCAATCTCTTGAATTGCTGAGAGACTGGTCATCCGG	Hs.513975	13359	-0.2589625	0.14239045	0.0877058						-0.179325	0.30506698	0.433214774
FLCN	NM_144997_bp2143_R	AGCTAAAAAGCTGCTGAAGTTCTGGATGACTCTTCTTGAAGTCATCCAGAACTTCAGCAGCGG	Hs.513975	1285	-0.4776875	0.2373162	0.022866613						-0.123	0.26574179	0.579442301
FLCN	NM_144997_bp2143_R	AGCTAAAAAGCTGCTGAAGTTCTGGATGACTCTTCTTGAAGTCATCCAGAACTTCAGCAGCGG	Hs.513975	6661	-0.4735125	0.24539175	0.024538291						-0.127625	0.30372104	0.576982532
FLCN	NM_144997_bp2143_R	AGCTAAAAAGCTGCTGAAGTTCTGGATGACTCTTCTTGAAGTCATCCAGAACTTCAGCAGCGG	Hs.513975	12037	-0.4682375	0.23709442	0.024392048						-0.17395	0.2724887	0.436962507
FLJ00332	NM_198517_bp120_R	AGCTAAAAGGCCGACCGCTATGGATTCATTCTCTTGAAATGAATCCATAGCGGTCGGCCGG	Hs.534648	6180	-0.5953	0.36195784	0.055406548	-0.618275	0.29248205	0.020228099					
FLJ00332	NM_198517_bp120_R	AGCTAAAAGGCCGACCGCTATGGATTCATTCTCTTGAAATGAATCCATAGCGGTCGGCCGG	Hs.534648	11556	-0.531866667	0.27038177	0.056177388	-0.435625	0.35811197	0.0818047					
FLJ00332	NM_198517_bp120_R	AGCTAAAAGGCCGACCGCTATGGATTCATTCTCTTGAAATGAATCCATAGCGGTCGGCCGG	Hs.534648	804	-0.532766667	0.2262367	0.0488729	-0.6897							
FLJ00332	NM_198517_bp201_R	AGCTAAAAAGGAGATGAAGTGGGTGGAGATTCTCTTGAAATCTCCACCCACTTCATCTCCGG	Hs.534648	1980				6.01456	4.53304944	0.075501956					
FLJ00332	NM_198517_bp201_R	AGCTAAAAAGGAGATGAAGTGGGTGGAGATTCTCTTGAAATCTCCACCCACTTCATCTCCGG	Hs.534648	7356				6.0539	4.31165431	0.067241331					
FLJ00332	NM_198517_bp201_R	AGCTAAAAAGGAGATGAAGTGGGTGGAGATTCTCTTGAAATCTCCACCCACTTCATCTCCGG	Hs.534648	12732				4.186533333	2.50556304	0.024701765					
FLJ00332	NM_198517_bp612_R	AGCTAAAAAGGTGCAGATCTGTGAGGTCTATCTCTTGAATAGACCTCACAGATCTGCACCGG	Hs.534648	817	0.2496	0.25243712	0.403206464	-0.10305	1.7555401	0.909695689					
FLJ00332	NM_198517_bp612_R	AGCTAAAAGGTGCAGATCTGTGAGGTCTATCTCTTGAATAGACCTCACAGATCTGCACCGG	Hs.534648	6193	0.1928	0.22570849	0.501412639	0.08355	1.67025693	0.923322016					
FLJ00332	NM_198517_bp612_R	AGCTAAAAGGTGCAGATCTGTGAGGTCTATCTCTTGAATAGACCTCACAGATCTGCACCGG	Hs.534648	11569	0.9343	1.15401935	0.134143123	0.1637	1.54502832	0.840324057					
FLJ10707	NM_371614_bp1057_R	AGCTAAAAGCCCGTACTTTCGGTAATGATTCTCTTGAATCATTACCGAAAGTACGGGCGG		3181	-0.4349	0.27086089	0.047335676						-0.0337	0.61309154	0.908276609
FLJ10707	NM_371614_bp1057_R	AGCTAAAAGCCCGTACTTTCGGTAATGATTCTCTTGAATCATTACCGAAAGTACGGGCGG		8557	-0.636375	0.4682374	0.035274775						-0.02535	0.60047144	0.930079998
FLJ10707	NM_371614_bp1057_R	AGCTAAAAGCCCGTACTTTCGGTAATGATTCTCTTGAATCATTACCGAAAGTACGGGCGG		13933	-0.49185	0.35773559	0.048260072						-0.357275	0.74970084	0.304754358
FLJ10707	NM_371614_bp111_R	AGCTAAAAGAGCGTGTATTCCACTCATAATCTCTTGAATTATGAGTGGAATACACGCTCGG		3183	-0.73685	0.01879104	0.023161777						-0.59553333	0.11619575	0.048997135
FLJ10707	NM_371614_bp111_R	AGCTAAAAGAGCGTGTATTCCACTCATAATCTCTTGAATTATGAGTGGAATACACGCTCGG		8559	-0.7485	0.17393518	0.003628147						-0.25835	0.71897948	0.436133077
FLJ10707	NM_371614_bp111_R	AGCTAAAAGAGCGTGTATTCCACTCATAATCTCTTGAATTATGAGTGGAATACACGCTCGG		13935	-0.78735	0.03800355	0.001760282						-0.155075	0.78820317	0.654846268
FLJ10707	NM_371614_bp341_R	AGCTAAAAAGGGGAAGGTTATTAGACTTCTCTCTTGAAGAAGTCTAATAACCTTCCCCCGG		13937	-0.72	0.11541935	0.003260699						-0.259625	0.47227677	0.329133949
FLJ10707	NM_371614_bp341_R	AGCTAAAAAGGGGGAAGGTTATTAGACTTCTCTCTTGAAGAAGTCTAATAACCTTCCCCCGG		8561	-1.076433333	0.27137064	0.005715717						-0.2551	0.69929351	0.486705241
FLJ31910	AL832022_bp1082_R	AGCTAAAAGCTGCGTGTTTAAGAATTTCATCTCTTGAATGAATTCTTAAACACGCAGCGG	Hs.75277	3980	-0.0258	0.33523889	0.91052136						0.04195	0.19440922	0.834736959
FLJ31910	AL832022_bp1082_R	AGCTAAAAGCTGCGTGTTTAAGAATTTCATCTCTTGAATGAATTCTT

FLI20422	AK128256_bp907_R	AGCTAAAAGTCACCATTCTATATCTGTGATCTCTTGAATCACAGATATAGAATGGTGACGG	Hs.153629	4115	-0.3588625	0.27824262	0.085884209					-0.2838	0.39848118	0.259115403			
FLI20422	AK128256_bp907_R	AGCTAAAAGTCACCATTCTATATCTGTGATCTCTTGAATCACAGATATAGAATGGTGACGG	Hs.153629	9491	-0.4837125	0.29575075	0.037776548					-0.074525	0.47007739	0.770464524			
FLI20422	AK128256_bp907_R	AGCTAAAAGTCACCATTCTATATCTGTGATCTCTTGAATCACAGATATAGAATGGTGACGG	Hs.153629	14867	-0.3334625	0.22917841	0.086558854					-0.547425	0.88356705	0.17701307			
FLI23074	NM_025052_bp349_R	AGCTAAAAGCTCAATCTCTAGTATTATAATCTCTTGAATTATAATACTAGAGATTGAGCGG	Hs.503776	702	-0.369975	0.27221323	0.077078662	-0.138525	0.66277423	0.665543238							
FLI23074	NM_025052_bp349_R	AGCTAAAAGCTCAATCTCTAGTATTATAATCTCTTGAATTATAATACTAGAGATTGAGCGG	Hs.503776	6078	0.3351	0.06986215	0.252752127	0.6844	0.41676167	0.059250985							
FLI23074	NM_025052_bp349_R	AGCTAAAAGCTCAATCTCTAGTATTATAATCTCTTGAATTATAATACTAGAGATTGAGCGG	Hs.503776	11454	-0.1793	0.57572634	0.627026787	0.733466667	0.39490923	0.045812578							
FLI23074	NM_025052_bp454_R	AGCTAAAAGTGTGGTACATCGCGATATCATCTCTTGAATGATATCGCGATGTACCACACGG	Hs.503776	6079	0.31725	0.50078628	0.231055582	0.134625	0.69627389	0.68621332							
FLI23074	NM_025052_bp454_R	AGCTAAAAGTGTGGTACATCGCGATATCATCTCTTGAATGATATCGCGATGTACCACACGG	Hs.503776	11455	0.561225	0.31112741	0.024503015	0.1042	0.79436151	0.778620172							
FLI23074	NM_025052_bp454_R	AGCTAAAAGTGTGGTACATCGCGATATCATCTCTTGAATGATATCGCGATGTACCACACGG	Hs.503776	703	-0.439875	0.21257881	0.034845834	-0.2893	0.52919872	0.469298636							
FLI5006	144610_bp444_R	AGCTAAAAGTGCCCAAGGTAAAGGTCCTATCTCTTGAATAGGACCTTTACCTTGGGCACCGG	Hs.351173	672	0.317466667	0.19475776	0.160660278	-0.240725	0.7738991	0.51546591							
FLI5006	144610_bp444_R	AGCTAAAAGTGCCCAAGGTAAAGGTCCTATCTCTTGAATAGGACCTTTACCTTGGGCACCGG	Hs.351173	6048	0.55535	0.48440902	0.058511037	0.0149	0.82574637	0.968848293							
FLI5006	144610_bp444_R	AGCTAAAAGTGCCCAAGGTAAAGGTCCTATCTCTTGAATAGGACCTTTACCTTGGGCACCGG	Hs.351173	11424	0.54685	0.49203763	0.063235673	-0.11385	0.71607328	0.737767607							
FLI5006	144610_bp677_R	AGCTAAAAGTACTGTGTTATCTCCATGATCTCTTGAATCATGGAGATAACACAGTACCGG	Hs.351173	685	2.35725	0.53663304	0.000200174	0.26105	0.28249322	0.198229783							
FLI5006	144610_bp677_R	AGCTAAAAGGTACTGTGTTATCTCCATGATCTCTTGAATCATGGAGATAACACAGTACCGG	Hs.351173	6061	2.550766667	0.66847229	0.003131076	0.67525	0.23590147	0.010736688							
FLI5006	144610_bp677_R	AGCTAAAAGGTACTGTGTTATCTCCATGATCTCTTGAATCATGGAGATAACACAGTACCGG	Hs.351173	11437	2.492875	0.49814362	0.000118737	0.6524	0.28686693	0.01385257							
FLI5006	144610_bp703_R	AGCTAAAAGCATCATGCATCGAGATGTGATCTCTTGAATCACATCTCGATGCATGATGCGG	Hs.351173	686	-0.62655	0.3065004	0.015928558	-0.56185	0.37993967	0.043499339							
FLI5006	144610_bp703_R	AGCTAAAAGCATCATGCATCGAGATGTGATCTCTTGAATCACATCTCGATGCATGATGCGG	Hs.351173	6062	-0.2904	0.2969363	0.153770936	-0.0744	0.34169309	0.713301653							
FLI5006	144610_bp703_R	AGCTAAAAGCATCATGCATCGAGATGTGATCTCTTGAATCACATCTCGATGCATGATGCGG	Hs.351173	11438	-0.1502	0.23949104	0.388259805	0.060125	0.40987808	0.788659072							
FLI32685	NM_152534_bp1037_R	AGCTAAAAGCAGAAATCCTGTCAGATGATTTCTTGAAATCATCTGACAGGATTTCGTCGG	Hs.546501	5243	-0.4992375	0.2646487	0.029057322	-0.1630625	0.94783889	0.707653927							
FLI32685	NM_152534_bp1037_R	AGCTAAAAGCAGAAATCCTGTCAGATGATTTCTTGAAATCATCTGACAGGATTTCGTCGG	Hs.546501	10619	-0.4822375	0.1704521	0.020856908	-0.039875	0.55855797	0.891010531							
FLI32685	NM_152534_bp1037_R	AGCTAAAAGCAGAAATCCTGTCAGATGATTTCTTGAAATCATCTGACAGGATTTCGTCGG	Hs.546501	15995	-0.5521375	0.26049179	0.01983123	0.6245									
FLI32685	NM_152534_bp1314_R	AGCTAAAAGGCCCACATTAAGGAAATAGTCTCTTGAACTATTTCCTTAATGTGGGCCCGG	Hs.546501	5239	0.6977375	0.82576764	0.098517666	0.5087625	0.81179961	0.218270679							
FLI32685	NM_152534_bp1314_R	AGCTAAAAGGCCCACATTAAGGAAATAGTCTCTTGAACTATTTCCTTAATGTGGGCCCGG	Hs.546501	10615	0.816525	1.12362803	0.210381226	0.7862125	1.13451291	0.16947783							
FLI32685	NM_152534_bp1314_R	AGCTAAAAGGCCCACATTAAGGAAATAGTCTCTTGAACTATTTCCTTAATGTGGGCCCGG	Hs.546501	15991	0.5342375	0.50742254	0.071967086	1.166666667	0.99539101	0.075562056							
FLI32685	NM_152534_bp535_R	AGCTAAAAGGGCAGTAGGCTGCATTCCTTTATCTCTTGAATAAAGGATGCAGCCTACTGCCGG	Hs.546501	5241	-0.4347375	0.40133299	0.08385463	0.1277375	0.3012862	0.509171527							
FLI32685	NM_152534_bp535_R	AGCTAAAAGGCAGTAGGCTGCATTCCTTTATCTCTTGAATAAAGGATGCAGCCTACTGCCGG	Hs.546501	10617	-0.5576375	0.42434151	0.044255276	0.0585625	0.28254378	0.750340693							
FLI32685	NM_152534_bp535_R	AGCTAAAAGGCAGTAGGCTGCATTCCTTTATCTCTTGAATAAAGGATGCAGCCTACTGCCGG	Hs.546501	15993	-0.3648375	0.70543933	0.280714142	1.09951125	0.2204932	0.093114691							
FLI35036	XM_172341_bp2975_R	AGCTAAAAAGCGCCCTTACTACAACTACAATCTCTTGAATTGTAGTTGTAGTAAGGGCGCGG	Hs.518301	4875	0.2956375	0.86015265	0.445043663	0.0415625	0.56300029	0.881560391							
FLI35036	XM_172341_bp2975_R	AGCTAAAAAGCGCCCTTACTACAACTACAATCTCTTGAATTGTAGTTGTAGTAAGGGCGCGG	Hs.518301	10251	0.4990875	0.64790744	0.136734046	-0.75675	1.51964222	0.339149527							
FLI35036	XM_172341_bp2975_R	AGCTAAAAAGCGCCCTTACTACAACTACAATCTCTTGAATTGTAGTTGTAGTAAGGGCGCGG	Hs.518301	15627	1.2701125	1.28919097	0.05663954	0.8936625	0.98828037	0.090673238							
FLI35036	XM_172341_bp3067_R	AGCTAAAAGCCCGAGCCATAAATGTAAATTCTCTTGAAATTTACATTTATGGCTCGGGCGG	Hs.518301	4873	-0.6549125	0.26453275	0.010549648	-0.0759375	0.43050416	0.743370558							
FLI35036	XM_172341_bp3067_R	AGCTAAAAGCCCGAGCCATAAATGTAAATTCTCTTGAAATTTACATTTATGGCTCGGGCGG	Hs.518301	10249	-0.6132375	0.22574124	0.01099814	-0.2618375	0.29673056	0.205469096							
FLI35036	XM_172341_bp3067_R	AGCTAAAAGCCCGAGCCATAAATGTAAATTCTCTTGAAATTTACATTTATGGCTCGGGCGG	Hs.518301	15625	-0.5564875	0.2306726	0.016437016	-0.0201375	0.52034796	0.938916527							
FLI35036	XM_172341_bp468_R	AGCTAAAAGCTGAAGTGTTTACTGAAATATCTCTTGAATATTTCAGTAAACACTTCAGCGG	Hs.518301	4877	-0.0701625	0.2325692	0.67458639	0.3673125	0.39137934	0.140280966							
FLI35036	XM_172341_bp468_R	AGCTAAAAGCTGAAGTGTTTACTGAAATATCTCTTGAATATTTCAGTAAACACTTCAGCGG	Hs.518301	10253	-0.1986625	0.56131241	0.46720161	-0.0894625	1.26748473	0.87407859							
FLI35036	XM_172341_bp468_R	AGCTAAAAGCTGAAGTGTTTACTGAAATATCTCTTGAATATTTCAGTAAACACTTCAGCGG	Hs.518301	15629	0.2860625	0.18944382	0.112078547	0.6555375	0.33140673	0.020440647							
FLI38736	NM_182758_bp1840_R	AGCTAAAAGCACGAATTATTCTTAATTGTTCTCTTGAAACAATTAAGAATAATTCGTGCGG	Hs.208067	5255	-0.3151625	0.19402903	0.088682045	-0.0395875	0.49503888	0.876046625							
FLI38736	NM_182758_bp1840_R	AGCTAAAAGCACGAATTATTCTTAATTGTTCTCTTGAAACAATTAAGAATAATTCGTGCGG	Hs.208067	10631	-0.3897875	0.24885964	0.060105406	0.2456625	0.15972683	0.156581329							
FLI38736	NM_182758_bp1840_R	AGCTAAAAGCACGAATTATTCTTAATTGTTCTCTTGAAACAATTAAGAATAATTCGTGCGG	Hs.208067	16007	-0.38105	1.26451958	0.520334565	0.594966667	1.35523646	0.395549734							
FLI38736	NM_182758_bp1983_R	AGCTAAAAGCAGGGTGGAGTCTTCATGTAATCTCTTGAATTACATGAAGACTCCACCTGCGG	Hs.208067	5251	0.3678375	0.51337173	0.181050625	-0.0064625	1.19430172	0.990327201							
FLI38736	NM_182758_bp1983_R	AGCTAAAAGCAGGGTGGAGTCTTCATGTAATCTCTTGAATTACATGAAGACTCCACCTGCGG	Hs.208067	10627	0.4403125	0.65075354	0.1801818	-0.0222125	0.33865466	0.910175722							
FLI38736	NM_182758_bp1983_R	AGCTAAAAGCAGGGTGGAGTCTTCATGTAATCTCTTGAATTACATGAAGACTCCACCTGCGG	Hs.208067	16003	0.5394375	0.55382131	0.08340361	0.5797375	0.63090146	0.106713737							
FLI38736	NM_182758_bp2456_R	AGCTAAAAGGGGAGTGGATAAAGATTTAGTCTCTTGAACTAATCTTTATCCACTCCCCCGG	Hs.208067	5253	0.7249375	0.37476293	0.013460076	0.2970375	0.72903545	0.406339089							
FLI38736	NM_182758_bp2456_R	AGCTAAAAGGGGAGTGGATAAAGATTTAGTCTCTTGAACTAATCTTTATCCACTCCCCCGG	Hs.208067	10629	0.6157625	0.22921704	0.011029636	0.4089375	0.64898938	0.143303829							
FLI38736	NM_182758_bp2456_R	AGCTAAAAGGGGAGTGGATAAAGATTTAGTCTCTTGAACTAATCTTTATCCACTCCCCCGG	Hs.208067	16005	1.1823375	0.59245182	0.066384287	0.7673625	0.66728233	0.003002073							
FLI42418	KI124409_bp1276_R	AGCTAAAAGCCCCCTCCTGTTTATTATCTTCTCTTGAAAGATAAATAAACAGGAGGGGCGG	Hs.601761	4184	0.6209							-0.003575	0.44294332	0.988493256			
FLI42418	KI124409_bp1276_R	AGCTAAAAGCCCCCTCCTGTTTATTATCTTCTCTTGAAAGATAAATAAACAGGAGGGGCGG	Hs.601761	9560	0.3592							0.128575	0.632632	0.668493935			
FLI42418	KI124409_bp1276_R	AGCTAAAAGCCCCCTCCTGTTTATTATCTTCTCTTGAAAGATAAATAAACAGGAGGGGCGG	Hs.601761	14936	0.8465							0.361	1.25739023	0.477072071			
FLI42418	KI124409_bp514_R	AGCTAAAAGTGGCATCTTGTTGCTCTTCTCTCTTGAAGAGAGCACAAGATGCCATCGG	Hs.601761	4182	0.6424375	0.19289478	0.007637573					0.263375	0.17861188	0.215915349			
FLI42418	KI124409_bp514_R	AGCTAAAAGTGGCATCTTGTTGCTCTTCTCTCTTGAAGAGAGCACAAGATGCCATCGG	Hs.601761	9558	0.6543375	0.26514254	0.010623814					0.41745	0.50508062	0.148951523			
FLI42418	KI124409_bp514_R	AGCTAAAAGTGGCATCTTGTTGCTCTTCTCTCTTGAAGAGAGCACAAGATGCCATCGG	Hs.601761	14934	0.6085875	0.23256085	0.011765132					0.306175	0.49479755	0.266319196			
FLN29	KI122620_bp1548_R	AGCTAAAAGTGCCTTACCTTCACTCAATATCTCTTGAATATTGAGTGAAGGTAAGGCACGG	Hs.5148	5011	-1.4462125	1.38706337	0.044881021	-0.7445375	0.46176865	0.026226195							
FLN29	KI122620_bp1548_R	AGCTAAAAGTGCCTTACCTTCACTCAATATCTCTTGAATATTGAGTGAAGGTAAGGCACGG	Hs.5148	10387	-0.1676875	0.76821966	0.626765533	-0.5348125	0.45410699	0.06988807							
FLN29	KI122620_bp1548_R	AGCTAAAAGTGCCTTACCTTCACTCAATATCTCTTGAATATTGAGTGAAGGTAAGGCACGG	Hs.5148	15763	-0.5491875	2.06475487	0.527195103	-0.6037125	0.59650815	0.086144661							
FLN29	KI122620_bp1956_R	AGCTAAAAGCCGACCCATTAACAATATGATCTCTTGAATCATATTGTTAATGGGCTCGGCGG	Hs.5148	5007	-2.0671625	1.46693393	0.016246935	-0.7467625	0.52008529	0.034213942							
FLN29	KI122620_bp1956_R	AGCTAAAAGCCGACCCATTAACAATATGATCTCTTGAATCATATTGTTAATGGGCTCGGCGG	Hs.5148	10383	-0.6272875	0.64839807	0.076616703	-0.6281875	0.48157736	0.04935847							
FLN29	KI122620_bp1956_R	AGCTAAAAGCCGACCCATTAACAATATGATCTCTTGAATCATATTGTTAATGGGCTCGGCGG	Hs.5148	15759	-1.2918375	1.95409716	0.152588879	-0.6593625	0.46399251	0.039316066							
FLN29	KI122620_bp960_R	AGCTAAAAGGTCGCAATGTCCTTGTGAAATCTCTTGAATTTCACAAGGACATTGCGACCGG	Hs.5148	5009	0.0819375	1.36933479	0.08636513	0.3000625	0.16050406	0.099119238							
FLN29	KI122620_bp960_R	AGCTAAAAGGTCGCAATGTCCTTGTGAAATCTCTTGAATTTCACAAGGACATTGCGACCGG	Hs.5148	10385	0.6921625	0.22065662	0.00654568	0.3507125	0.08774287	0.052348846							
FLN29	KI122620_bp960_R	AGCTAAAAGGTCGCAATGTCCTTGTGAAATCTCTTGAATTTCACAAGGACATTGCGACCGG	Hs.5148	15761	0.2461625	0.93932315	0.551182561	0.3706625	0.13419187	0.050808864							
FLNA	NM_001456_bp2698_R	AGCTAAAAGGCTGGCAGCTACACCATTATTCTCTTGAAATAAGGTGGTGTAGCTGCCAGCCGG	Hs.195464	2829	-1.628766667	0.44523228	0.002682713					-0.514575	1.10303344	0.272857093			
FLNA	NM_001456_bp2698_R	AGCTAAAAGGCTGGCAGCTACACCATTATTCTCTTGAAATAAGGTGTAGCTGCCAGCCGG	Hs.195464	8205	-1.072333333	0.42267029	0.010961834					-0.2231	1.04997279	0.60580774			
FLNA	NM_001456_bp2698_R	AGCTAAAAGGCTGGCAGCTACACCATTATTCTCTTGAAATAAGGTGTAGCTGCCAGCCGG	Hs.195464	13581	-0.853125	0.3403617	0.005672045					-0.885175	1.09127928	0.080742133			
FLNA	NM_001456_bp2845_R	AGCTAAAAGCCCACCCACTTCACAGTAAATCTCTTGAATTTACTGTGAAGTGGGTGGGCCGG	Hs.195464	2831	-0.67925	0.2674522	0.009275034					-0.4539	0.62291372	0.159474412			
FLNA	NM_001456_bp2845_R	AGCTAAAAGCCCACCCACTTCACAGTAAATCTCTTGAATTTACTGTGAAGTGGGTGGGCCGG	Hs.195464	8207	-0.848775	0.36420023	0.006719767					-0.3479	0.40555318	0.179766255			
FLNA	NM_001456_bp2845_R	AGCTAAAAGCCCACCCACTTCACAGTAAATCTCTTGAATTTACTGTGAAGTGGGTGGGCCGG	Hs.195464	13583	-0.5467	0.36123242	0.034787164					-0.43575	0.56260218	0.153429681			
FLNA	NM_001456_bp6364_R	AGCTAAAAGCCTGCAGAGTTTATCATTGATCTCTTGAATCAATGATAAACTCTGCAGGCGG	Hs.195464	2857	-0.9787	0.43362109	0.005680534					0.060575	0.25901905	0.774026523			
FLNA	NM_001456_bp6364_R	AGCTAAAAGCCTGCAGAGTTTATCATTGATCTCTTGAATCAATGATAAACTCTGCAGGCGG	Hs.195464	8233	-0.73655	0.3075995	0.008497122					-0.016	0.30922754	0.941798669			
FLNA	NM_001456_bp6364_R	AGCTAAAAGCCTGCAGAGTTTATCATTGATCTCTTGAATCAATGATAAACTCTGCAGGCGG	Hs.195464	13609	-0.752275	0.33054667	0.008960567					0.054175	0.31807432	0.80666549			
FLT1	NM_002019_bp1401_R	AGCTAAAAGACTCGTGGCTACTCCGTTAATTCTCTTGAAATTAACGAGTAGCCACGAGTCGG	Hs.507621	120	-0.330225	0.4390606	0.182288379	-0.1083875	0.28549671	0.563348331							
FLT1	NM_002019_bp1401_R	AGCTAAAAGACTCGTGGCTACTCGTTAATTCTCTTGAAATTAACGAGTAGCCACGAGTCGG	Hs.507621	5496	-0.297375	0.44527197	0.225650562	-0.0925125	0.29158087	0.623201639							
FLT1	NM_002019_bp1401_R	AGCTAAAAGACTCGTGGCTACTCGTTAATTCTCTTGAAATTAACGAGTAGCCACGAGTCGG	Hs.507621	10872	-0.328175	0.45894872	0.195101148	-0.1083375	0.37329949	0.6128565							
FLT1	NM_002019_bp3152_R	AGCTAAAAGTCCCGGCTTTCAGGAAGATATCTCTTGAATATCTTCCTGAAAGCCGGAGCGGG	Hs.507621	1649	-0.3867	0.14444711	0.040412739	-0.2340375	0.23376524	0.210907182							
FLT1	NM_002019_bp3152_R	AGCTAAAAGTCCCGGCTTTCAGGAAGATATCTCTTGAATATCTTCCTGAAAGCCGGAGCGGG	Hs.507621	7025	-0.38755	0.21460781	0.052897238	-0.2158875	0.23246242	0.242049951							
FLT1	NM_002019_bp3152_R	AGCTAAAAGTCCCGGCTTTCAGGAAGATATCTCTTGAATATCTTCCTGAAAGCCGGAGCGGG	Hs.507621	12401	-0.357075	0.14982166	0.053038684	-0.1908125	0.24591686	0.301350024							
FLT1	NM_002019_bp3447_R	AGCTAAAAGGCTCCCGAATCTATCTTTGATCTCTTGAATCAAAGATAGATTCGGGAGCCGG	Hs.507621	133	-0.258475	0.14181797	0.124958642	-0.4148375	0.31708416	0.078423207							
FLT1	NM_002019_bp3447_R	AGCTAAAAGGCTCCCGAATCTATCTTTGATCTCTTGAATCAAAGATAGATTCGGGAGCCGG	Hs.507621	5509	-0.291375	0.22329055	0.119645887	-0.3410875	0.22988621	0.091131224							
FLT1	NM_002019_bp3447_R	AGCTAAAAGGCTCCCGAATCTATCTTTGATCTCTTGAATCAAAGATAGATTCGGGAGCCGG	Hs.507621	10885	-0.24735	0.23442916	0.17790417	-0.3124625	0.38304371	0.19036124							
FLT3	NM_004119_bp1800_R	AGCTAAAAGACCGGCTCCTCAGATAATGATCTCTTGAATCATTATCTGAGGAGCCGGTCGG	Hs.507590	1736				2.61905	6.11352141	0.390170386							
FLT3	NM_004119_bp1800_R	AGCTAAAAGACCGGCTCCTCAGATAATGATCTCTTGAATCATTATCTGAGGAGCCGGTCGG	Hs.507590	7112				2.701183333	6.34252886	0.392600012							
FLT3	NM_004119_bp1800_R	AGCTAAAAGACCGGCTCCTCAGATAATGATCTCTTGAATCATTATCTGAGGAGCCGGTCGG	Hs.507590	12488				2.879916667	6.56983652	0.380358893							
FLT3	NM_004119_bp2025_R	AGCTAAAAGGCACTATGTCAGAACTCAATCTCTTGAATTGAGTTCTGACATGAGTGCCGG	Hs.507590	238	-0.763325	0.21800611	0.004267773	-0.1580875	0.31912584	0.432231548							
FLT3	NM_004119_bp2025_R	AGCTAAAAGGCACTATGTCAGAACTCAATCTCTTGAATTGAGTTCTGACATGAGTGCCGG	Hs.507590	5614	-0.741375	0.22409491	0.005007342	-0.1627625	0.31390168	0.416177238							
FLT3	NM_004119_bp2025_R	AGCTAAAAGGCACTATGTCAGAACTCAATCTCTTGAATTGAGTTCTGACATGAGTGCCGG	Hs.507590	10990	-0.7405	0.21655289	0.004816318	-0.1390875	0.31513597	0.483423205							0.095
FLT3	NM_004119_bp869_R	AGCTAAAAGTGCAAAGCTGTTCATGTGATATCTCTTGAATCATGAACAGCTTTGCACCGG	Hs.507590	1738	1.652425	0.49541321	0.000820861	0.6343875	0.21355036	0.007708585							-0.7181
FLT3	NM_004119_bp869_R	AGCTAAAAGTGCAAAGCTGTTCATGTGATATCTCTTGAATCATGAACAGCTTTGCACCGG	Hs.507590	7114	1.66165	0.51364079	0.000898435	0.6467375	0.11102726	0.006812225							-0.5453
FLT3	NM_004119_bp869_R	AGCTAAAAGTGCAAAGCTGTTCATGTGATATCTCTTGAATCATGAACAGCTTTGCACCGG	Hs.507590	12490	1.71595	0.46942226	0.000581346	0.6833125	0.13201743	0.005999837							-0.4337
FLT4	NM_182925_bp1652_R	AGCTAAAAGCGGCTCATCTACTTCTATGTTCTCTTGAAACATAGAAGTAGATGAGCCGCGG	Hs.415048	7312	-1.05495	0.40368726	0.034703538	-0.492475	0.37349573	0.062390237							
FLT4	NM_182925_bp1652_R	AGCTAAAAGCGGCTCATCTACTTCTATGTTCTCTTGAAACATAGAAGTAGATGAGCCGCGG	Hs.415048	12688	-0.3906			-0.5462	0.42227829	0.057501789							
FLT4	NM_182925_bp1652_R	AGCTAAAAGCGGCTCATCTACTTCTATGTTCTCTTGAAACATAGAAGTAGATGAGCCGCGG	Hs.415048	1936	-1.1021	1.2469121	0.143147916	-0.323666667	0.3633419	0.24461169							
FLT4	NM_182925_bp2492_R	AGCTAAAAGGAGAACCTGTCTTCCTCCTTGAAAGGTATTCGCATTGCTCCTCCGG	Hs.415048	12690	0.9041	0.6758737	0.026724415	0.0206	0.37349573	0.962788341							
FLT4	NM_182925_bp3900_R	AGCTAAAAGAAAGCGGCTTCAGCTGTAAATCTCTTGAATTTACAGCTGAAGCCGCTTTCGG	Hs.415048	6169	0.141025	0.18337869	0.38277276	0.3278	0.76803131	0.382790452							
FLT4	NM_182925_bp3900_R	AGCTAAAAGAAAGCGGCTTCAGCTGTAAATCTCTTGAATTTACAGCTGAAGCCGCTTTCGG	Hs.415048	11545	0.291825	1.65506052	0.09875109	0.6722	0.63922167	0.074871864							
FLT4	NM_182925_bp3900_R	AGCTAAAAGAAAGCGGCTTCAGCTGTAAATCTCTTGAATTTACAGCTGAAGCCGCTTTCGG	Hs.415048	793	-0.259475	0.20671296	0.148406672	0.627366667	0.27230061	0.045884717							
FMR1	NM_002024_bp1163_R	AGCTAAAAGGGTGAGGATTGAGGCTGAAATCTCTTGAATTTAGCCTCAATCCTCACCCGG	Hs.103183	2302	0.4919125	0.35154245	0.059526694					0.5352	0.58703479	0.095058942			
FMR1	NM_002024_bp1163_R	AGCTAAAAGGGTGAGGATTGAGGCTGAAATCTCTTGAATTTAGCCTCAATCCTCACCCGG	Hs.103183	7678	0.5105625	0.33404412	0.048629987					0.66905	0.62046788	0.053719288			
FMR1	NM_002024_bp1163_R	AGCTAAAAGGGTGAGGATTGAGGCTGAAATCTCTTGAATTTAGCCTCAATCCTCACCCGG	Hs.103183	13054	0.4838875	0.35921257	0.064937088					0.677225	0.47253007	0.031287964			
FMR1	NM_002024_bp1634_R	AGCTAAAAGTAGTAGACCTTACAGAAATATCTCTTGAATATTTCTGTAAGGTCTACTACGG	Hs.103183	1260	3.0462875	0.83371609	0.000334111					1.882125	0.52746178	0.000305002			
FMR1	NM_002024_bp1634_R	AGCTAAAAGTAGTAGACCTTACAGAAATATCTCTTGAATATTTCTGTAAGGTCTACTACGG	Hs.103183	6636	3.42309625	1.16293925	0.000777876					1.941125	0.74503627	0.000788584			
FMR1	NM_002024_bp1634_R	AGCTAAAAGTAGTAGACCTTACAGAAATATCTCTTGAATATTTCTGTAAGGTCTACTACGG	Hs.103183	12012	2.7810875	0.56856217	0.000118079					1.670225	0.87181338	0.003037239			
FMR1	NM_002024_bp618_R	AGCTAAAAGCCAGAAGACTTACGGCAAATTCTCTTGAATTTGCCGTAAGTTCTTCTGGCGG	Hs.103183	1259	-0.5519625	0.215074	0.012079768					-0.42105	0.40267105	0.119484039			
FMR1	NM_002024_bp618_R	AGCTAAAAGCCAGAAGACTTACGGCAAATTCTCTTGAATTTGCCGTAAGTTCTTCTGGCGG	Hs.103183	6635	-0.5075625	0.28821764	0.02408788					-0.4406	0.36392945	0.096157881			
FMR1	NM_002024_bp618_R	AGCTAAAAGCCAGAAGACTTACGGCAAATTCTCTTGAATTTGCCGTAAGTTCTTCTGGCGG	Hs.103183	12011	-0.4687625	0.41097604	0.055960801					-0.43795	0.35946025	0.096547712			
FNBP1	AL049935_bp1075_R	AGCTAAAAGCTCCGCACTTGAGTTTTATTATCTCTTGAATAAAAACTCAAGTGCGGAGCCGG	Hs.189409	4209	-0.548866667	0.24131404	0.046957987					-0.057975	0.26432307	0.784289941			
FNBP1	AL049935_bp1075_R	AGCTAAAAGCTCCGCACTTGAGTTTTATTATCTCTTGAATAAAAACTCAAGTGCGGAGCCGG	Hs.189409	9585	-0.5789	0.15928992	0.031370827					-0.044725	0.24322255	0.829830833			
FNBP1	AL049935_bp1075_R	AGCTAAAAGCTCCGCACTTGAGTTTTATTATCTCTTGAATAAAAACTCAAGTGCGGAGCCGG	Hs.189409	14961	-0.439333333	0.08090052	0.060925883					0.035825	0.34515921	0.8742722			
FNBP1	AL049935_bp4870_R	AGCTAAAAGCGTCGCATCTTTCATATTATTCTCTTGAAATAATGAAAGATGCGCACGCGG	Hs.189409	4211	-0.8318875	0.24215175	0.00340605					0.127925	0.12765269	0.516169512			
FNBP1	AL049935_bp4870_R	AGCTAAAAGCGTCGCATCTTTCATATTATTCTCTTGAAATAATGAAAGATGCGCACGCGG	Hs.189409	9587	-0.8283125	0.19937021	0.00268508					0.120475	0.13790406	0.541968069			
FNBP1	AL049935_bp4870_R	AGCTAAAAGCGTCGCATCTTTCATATTATTCTCTTGAAATAATGAAAGATGCGCACGCGG	Hs.189409	14963	-0.7933625	0.17724557	0.002866054					0.14295	0.1885579	0.484067972			
FNBP1	AL049935_bp5877_R	AGCTAAAAGAGGCTGTATTGAGCTTGTATCTCTTGAATACAAGGTCAATAACAAGCCTCGG	Hs.189409	14965								0.1689					
FOS	NM_005252_bp1020_R	AGCTAAAAGTGCCAGACATGGACCTATTCTTCTCTTGAAAGATAGGTCCATGTCTGGCACGGG	Hs.25647	2309	-0.6279125	0.5150321	0.038093001					0.817325	1.29822109	0.142297474			
FOS	NM_005252_bp1020_R	AGCTAAAAGTGCCAGACATGGACCTATTCTTCTCTTGAAAGATAGGTCCATGTCTGGCACGGG	Hs.25647	7685	-0.8050125	0.63340907	0.028851432					0.915725	1.55021613	0.157517327			
FOS	NM_005252_bp1020_R	AGCTAAAAGTGCCAGACATGGACCTATTCTTCTCTTGAAAGATAGGTCCATGTCTGGCACGGG

FOSL2	NM_005253_bp1643_R	AGCTAAAAGAACCTCGTCTTCACCTATCCTCTCTTGAAGGATAGGTGAAGACGAGGTTCGG	Hs.22097l	1273	0.2661375	0.32504084	0.262585781					-0.3031	0.51965487	0.283431219					
FOSL2	NM_005253_bp1643_R	AGCTAAAAGAACCTCGTCTTCACCTATCCTCTCTTGAAGGATAGGTGAAGACGAGGTTCGG	Hs.22097l	6649	0.2412625	0.35524677	0.331513449					-0.347475	0.58223698	0.250199325					
FOSL2	NM_005253_bp1643_R	AGCTAAAAGAACCTCGTCTTCACCTATCCTCTCTTGAAGGATAGGTGAAGACGAGGTTCGG	Hs.22097l	12025	0.2389625	0.34097577	0.327175409					-0.31015	0.55116188	0.286503854					
FOSL2	NM_005253_bp2661_R	AGCTAAAAGTAGGGCGTCTCCTGTAATTATCTCTTGAATAATTACAGGAGACGCCCTACGG	Hs.22097l	1274	1.3529125	0.52001054	0.002707099					-0.021375	0.1303058	0.927965836					
FOSL2	NM_005253_bp2661_R	AGCTAAAAGTAGGGCGTCTCCTGTAATTATCTCTTGAATAATTACAGGAGACGCCCTACGG	Hs.22097l	6650	1.3342875	0.49443314	0.00246533					-0.076125	0.12080763	0.710088041					
FOSL2	NM_005253_bp2661_R	AGCTAAAAGTAGGGCGTCTCCTGTAATTATCTCTTGAATAATTACAGGAGACGCCCTACGG	Hs.22097l	12026	1.2908875	0.4932749	0.002845959					-0.06435	0.12604744	0.755660302					
FOXL1	BM675371_bp277_R	AGCTAAAAGCCTGTGAATTATCCAATTACTCTCTTGAAGTAATTGGATAATTCACAGGCGG	Hs.533830	15203	-0.098975	0.56263633	0.71181653	-0.3344	0.6462956	0.454118029		0.4797	0.93971304	0.293004851					
FOXL1	BM675371_bp277_R	AGCTAAAAGCCTGTGAATTATCCAATTACTCTCTTGAAGTAATTGGATAATTCACAGGCGG	Hs.533830	4451	0.302475	0.30474834	0.144229837	-0.6769	0.36555033	0.022027602		-0.03385	0.77944381	0.938597969					
FOXL1	BM675371_bp277_R	AGCTAAAAGCCTGTGAATTATCCAATTACTCTCTTGAAGTAATTGGATAATTCACAGGCGG	Hs.533830	9827	0.195125	0.77290686	0.57508408					0.03185	0.49037855	0.932743495					
FOXL1	BM675371_bp439_R	AGCTAAAAGCGTGACTACTTGTGTCTTTATCTCTTGAATAAAGACACAAGTAGTCACGCGG	Hs.533830	4449	-0.623476	0.17544689	0.007888899	-1.059975	0.35439902	0.003851422		-0.48136667	0.23242223	0.103015334					
FOXL1	BM675371_bp439_R	AGCTAAAAGCGTGACTACTTGTGTCTTTATCTCTTGAATAAAGACACAAGTAGTCACGCGG	Hs.533830	9825	-0.682575	0.29076221	0.010431164	-1.24225	0.51422798	0.005312617		-0.58376667	0.8343735	0.182236969					
FOXL1	BM675371_bp439_R	AGCTAAAAGCGTGACTACTTGTGTCTTTATCTCTTGAATAAAGACACAAGTAGTCACGCGG	Hs.533830	15201	-0.62435	0.20134093	0.008970806	-1.06125	0.30984889	0.002887127		-0.74376667	0.55635529	0.057217107					
FOXL1	BM675371_bp53_R	AGCTAAAAGGCTGAGAGTTTGGGATAGCATCTCTTGAATGCTATCCCAAACTCTCAGCCGG	Hs.533830	4453	1.875575	1.65405707	0.006902093	-1.528025	0.82837639	0.010478548		-0.73316667	1.61702575	0.294711154					
FOXL1	BM675371_bp53_R	AGCTAAAAGGCTGAGAGTTTGGGATAGCATCTCTTGAATGCTATCCCAAACTCTCAGCCGG	Hs.533830	9829	1.419375	1.50712507	0.063184901	1.5464	1.11592106	0.026044842		-0.2712	1.58732477	0.678729247					
FOXL1	BM675371_bp53_R	AGCTAAAAGGCTGAGAGTTTGGGATAGCATCTCTTGAATGCTATCCCAAACTCTCAGCCGG	Hs.533830	15205	1.85195	1.3391238	0.011760181	1.61565	0.59161208	0.002834108		-0.8854	1.73366326	0.241034408					
FOXM1	NM_202002_bp1778_R	AGCTAAAAGGGGAGGAAATGCCACACTTATCTCTTGAATAGTGTGGCATTTCCTCCCCGG	Hs.239	3656	2.078625	0.74256065	0.001185231					0.1803625	0.53938321	0.515500561					
FOXM1	NM_202002_bp1778_R	AGCTAAAAGGGGAGGAAATGCCACACTTATCTCTTGAATAAGTGTGGCATTTCCTCCCCGG	Hs.239	9032	2.140525	0.73576249	0.001000396					0.0347125	0.74412586	0.916390122					
FOXM1	NM_202002_bp1778_R	AGCTAAAAGGGGAGGAAATGCCACACTTATCTCTTGAATAAGTGTGGCATTTCCTCCCCGG	Hs.239	14408	2.18095	0.76360536	0.001058393					0.1216375	0.54598863	0.659793774					
FOXM1	NM_202002_bp2448_R	AGCTAAAAGAACCTCTTCTCCCTCAGATATCTCTTGAATATCTGAGGGAAGAAGTTGCGG	Hs.239	3658	-1.04455	0.27750078	0.001557269					0.3839875	1.05808027	0.387558581					
FOXM1	NM_202002_bp2448_R	AGCTAAAAGAACCTCTTCTCCCTCAGATATCTCTTGAATATCTGAGGGAAGAAGTTGCGG	Hs.239	9034	-0.979225	0.38632779	0.040486766					0.4629	0.45979425	0.160473725					
FOXM1	NM_202002_bp2448_R	AGCTAAAAGAACCTCTTCTCCCTCAGATATCTCTTGAATATCTGAGGGAAGAAGTTGCGG	Hs.239	14410	-1.098025	0.45795771	0.035134538					-0.0107625	0.58076662	0.969705671					
FOXM1	NM_202002_bp785_R	AGCTAAAAGGCTGCACTATCAACAATAGCTCTCTTGAAGCTATTGTTGATAGTGCAGCCGG	Hs.239	3660	1.374525	1.05315382	0.023439948					-0.0688375	0.63515795	0.818069781					
FOXM1	NM_202002_bp785_R	AGCTAAAAGGCTGCACTATCAACAATAGCTCTCTTGAAGCTATTGTTGATAGTGCAGCCGG	Hs.239	9036	0.5022	0.29448806	0.033103102					-0.0242625	0.49343929	0.926193892					
FOXM1	NM_202002_bp785_R	AGCTAAAAGGCTGCACTATCAACAATAGCTCTCTTGAAGCTATTGTTGATAGTGCAGCCGG	Hs.239	14412	1.52205	0.63162723	0.002667226					0.0331375	0.69728904	0.916666572					
FOXP1	BC054505_bp1996_R	AGCTAAAAGCCGTATATCTTATTCTTAACTTCTCTTGAAATAAGATAATATACGGCGG	Hs.431498	4488	0.0159	0.26618012	0.927089911	-0.531775	0.3776757	0.050841192	0.305866667	1.02061582	0.511737505						
FOXP1	BC054505_bp1996_R	AGCTAAAAGCCGTATATCTTATTCTTAACTTCTCTTGAAATAAGATAATATACGGCGG	Hs.431498	9864	-0.09895	0.48024434	0.680111647	-0.384675	0.53469295	0.196142861	0.456533333	1.08667502	0.360350826						
FOXP1	BC054505_bp1996_R	AGCTAAAAGCCGTATATCTTATTCTTAACTTCTCTTGAAATAAGATAATATACGGCGG	Hs.431498	15240	0.3854	0.58630308	0.199554903	-0.76405	0.8570523	0.10212063	0.618066667	1.75141539	0.400142253						
FOXP1	BC054505_bp2570_R	AGCTAAAAGCTCACCATATTGTCCATTTATCTCTTGAATAAATGGACAATATGGTGAGCGG	Hs.431498	4514	-0.1588	0.50403983	0.527256989	0.062625	1.16280959	0.904212074	0.24555	1.90826907	0.75509381						
FOXP1	BC054505_bp2570_R	AGCTAAAAGCTCACCATATTGTCCATTTATCTCTTGAATAAATGGACAATATGGTGAGCGG	Hs.431498	9890	-0.39695	0.17897204	0.042327003	1.066325	0.35919123	0.003875408	0.142833333	0.98013428	0.748202568						
FOXP1	BC054505_bp2570_R	AGCTAAAAGCTCACCATATTGTCCATTTATCTCTTGAATAAATGGACAATATGGTGAGCGG	Hs.431498	15266	-0.20055	0.67357654	0.521017389	0.8762	0.50785134	0.018864658	0.019366667	1.46233645	0.974460014						
FOXP1	BC054505_bp937_R	AGCTAAAAGTCGGTCATTTGGAGCAAATATCTCTTGAATATTTGCTCCAAATGACCGACGG	Hs.431498	4486	-0.146875	0.50606165	0.558589898	0.772275	0.54394235	0.034164731	0.3501	0.93731376	0.429889832						
FOXP1	BC054505_bp937_R	AGCTAAAAGTCGGTCATTTGGAGCAAATATCTCTTGAATATTTGCTCCAAATGACCGACGG	Hs.431498	9862	0.193725	0.60410338	0.500544986	1.057225	0.6528045	0.019190454	0.248866667	1.40787706	0.673943611						
FOXP1	BC054505_bp937_R	AGCTAAAAGTCGGTCATTTGGAGCAAATATCTCTTGAATATTTGCTCCAAATGACCGACGG	Hs.431498	15238	0.245466667	0.83764375	0.553271337	0.259925	1.1025593	0.605335275	0.401333333	0.96676776	0.379682723						
FRAP1	NM_004958_bp1405_R	AGCTAAAAGGCTGTGAGGTCTGAGTTTAATCTCTTGAATTAAACTCAGACCTCACAGCCGG	Hs.338207	2300	0.0075875	0.34687146	0.878183606					1.37595	0.26701962	0.000473063					
FRAP1	NM_004958_bp1405_R	AGCTAAAAGGCTGTGAGGTCTGAGTTTAATCTCTTGAATTAAACTCAGACCTCACAGCCGG	Hs.338207	7676	0.2092375	0.21510792	0.316782429					1.1147	0.71924129	0.011055826					
FRAP1	NM_004958_bp1405_R	AGCTAAAAGGCTGTGAGGTCTGAGTTTAATCTCTTGAATTAAACTCAGACCTCACAGCCGG	Hs.338207	13052	0.2248625	0.08082891	-0.21895382					1.431325	0.49333161	0.001127104					
FRAP1	NM_004958_bp4364_R	AGCTAAAAGCGGCCGGAGTGTAGAATATCTCTTGAAATATTCTAACACTCCGGCCGCGG	Hs.338207	1257	-0.8761625	0.42730728	0.007308593					-0.79345	0.38145718	0.012218463					
FRAP1	NM_004958_bp4364_R	AGCTAAAAGCGGCCGGAGTGTAGAATATCTCTTGAAATATTCTAACACTCCGGCCGCGG	Hs.338207	6633	-0.7847125	0.42277863	0.010923602					-0.637	0.15632054	0.040878647					
FRAP1	NM_004958_bp4364_R	AGCTAAAAGCGGCCGGAGTGTAGAATATCTCTTGAAATATTCTAACACTCCGGCCGCGG	Hs.338207	12009	-0.831216667	0.52508583	0.032932041					-0.65885	0.29618499	0.019462172					
FRAP1	NM_004958_bp6583_R	AGCTAAAAGCCCCGGAAATTGACACCTTATTCTCTTGAAATAAGTGTCAATTTCCGGGGCGG	Hs.338207	1258	-1.4401							-0.388425	0.20508409	0.09447689					
FRAP1	NM_004958_bp6583_R	AGCTAAAAGCCCCGGAAATTGACACCTTATTCTCTTGAAATAAGTGTCCAATTTCCGGGGCGG	Hs.338207	6634	-1.3506							-0.3443	0.21203416	0.130376502					
FRAP1	NM_004958_bp6583_R	AGCTAAAAGCCCCGGAAATTGACACCTTATTCTCTTGAAATAAGTGTCAATTTCCGGGGCGG	Hs.338207	12010	-1.5802							-0.345625	0.21050638	0.127899421					
FRK	NM_002031_bp1059_R	AGCTAAAAGGGGAAACCATGCTTAAAGATTTCTTTGAAATCTTTAAGCATGGTTTCCCCGG	Hs.89426	134	-0.171533333	0.61399767	0.598808019	-0.3286375	0.28918657	0.125524718									
FRK	NM_002031_bp1059_R	AGCTAAAAGGGGAAACCATGCTTAAAGATTTCTTTGAAATCTTTAAGCATGGTTTCCCCGG	Hs.89426	5510	-0.146266667	0.55731661	0.61033085	-0.1986625	0.22674524	0.272123127									
FRK	NM_002031_bp1059_R	AGCTAAAAGGGGAAACCATGCTTAAAGATTTCTTTGAAATCTTTAAGCATGGTTTCCCCGG	Hs.89426	10886	0.07435	0.52604759	0.770140158	-0.1369375	0.29090283	0.474018471									
FRK	NM_002031_bp578_R	AGCTAAAAGCCACTACTTTGTGGCTTTGTTCTCTTGAAACAAAGCCACAAAGTAGTGGCGG	Hs.89426	1651	-2.3626			-4.0451											
FRK	NM_002031_bp578_R	AGCTAAAAGCCACTACTTTGTGGCTTTGTTCTCTTGAAACAAAGCCACAAAGTAGTGGCGG	Hs.89426	7027	-2.5151			-3.8947											
FRK	NM_002031_bp578_R	AGCTAAAAGCCACTACTTTGTGGCTTTGTTCTCTTGAAACAAAGCCACAAAGTAGTGGCGG	Hs.89426	12403	-2.4458			-3.8823											
FRK	NM_002031_bp789_R	AGCTAAAAGCCGTGGTTCTTTGGAGCAATTCTCTTGAAATTGCTCCAAAGAACCACGCCGG	Hs.89426	1653	-0.2175	0.65449804	0.584078152												
FRK	NM_002031_bp789_R	AGCTAAAAGCCGTGGTTCTTTGGAGCAATTCTCTTGAAATTGCTCCAAAGAACCACGCCGG	Hs.89426	7029	-0.375633333	0.46875215	0.212446976												
FRK	NM_002031_bp789_R	AGCTAAAAGCCGTGGTTCTTTGGAGCAATTCTCTTGAAATTGCTCCAAAGAACCACGCCGG	Hs.89426	12405	-0.406333333	0.53720619	0.213648289												
FSCN1	NM_003088_bp1104_R	AGCTAAAAGAATGCCAGCTGCTACTTTGATCTCTTGAATCAAAGTAGCAGCTGGCATTCCGG	Hs.118400	3432	0.623433333	0.32046507	0.042093826					0.077875	0.60641336	0.789265402					
FSCN1	NM_003088_bp1104_R	AGCTAAAAGAATGCCAGCTGCTACTTTGATCTCTTGAATCAAAGTAGCAGCTGGCATTCCGG	Hs.118400	8808	0.742766667	0.5436829	0.055108415					0.4978	1.01598103	0.258505841					
FSCN1	NM_003088_bp1104_R	AGCTAAAAGAATGCCAGCTGCTACTTTGATCTCTTGAATCAAAGTAGCAGCTGGCATTCCGG	Hs.118400	14184	0.682466667	0.3787637	0.039646684					-0.043625	0.43326764	0.859201132					
FSCN1	NM_003088_bp1157_R	AGCTAAAAGGCGCTCCAATGGCAAGTTTGTCTCTTGAACCAACTTGCCATTGGACGCCCGG	Hs.118400	3099	0.56505	0.5888379	0.083239896					0.5581	0.80421717	0.145864803					
FSCN1	NM_003088_bp1157_R	AGCTAAAAGGCGCTCCAATGGCAAGTTTGTCTCTTGAACCAACTTGCCATTGGACGCCCGG	Hs.118400	8475	0.58345	0.6008728	0.079509581					0.604875	0.68675098	0.090425012					
FSCN1	NM_003088_bp1157_R	AGCTAAAAGGCGCTCCAATGGCAAGTTTGTCTCTTGAACCAACTTGCCATTGGACGCCCGG	Hs.118400	13851	0.47825	0.49861478	0.09425768					0.335225	0.61263878	0.276509093					
FSCN1	NM_003088_bp1459_R	AGCTAAAAGTGGACTTCTTCTTCGAGTTCTCTCTTGAAGAACTCGAAGAAGAAGTCCACGG	Hs.118400	3097	-1.33475	0.36719503	0.000935483					-0.54955	0.88380158	0.175652644					
FSCN1	NM_003088_bp1459_R	AGCTAAAAGTGGACTTCTTCTTCGAGTTCTCTCTTGAAGAACTCGAAGAAGAAGTCCACGG	Hs.118400	8473	-1.448325	0.37171372	0.000660893					-0.126225	1.12059699	0.794878401					
FSCN1	NM_003088_bp1459_R	AGCTAAAAGTGGACTTCTTCTTCGAGTTCTCTCTTGAAGAACTCGAAGAAGAAGTCCACGG	Hs.118400	13849	-1.4418	0.26389711	0.00031758					-0.658	0.88392569	0.115567469					
FSTL5	NM_020116_bp2545_R	AGCTAAAAGCCACTACCTTGTCAGCATTATCTCTTGAATAATGCTGACAAGGTAGTGGCCGG	Hs.32452	5153	1.9113875	0.32904445	0.000130569	-0.2663625	0.7624647	0.468925813									
FSTL5	NM_020116_bp2545_R	AGCTAAAAGCCACTACCTTGTCAGCATTATCTCTTGAATAATGCTGACAAGGTAGTGGCCGG	Hs.32452	10529	1.8179625	0.43085147	0.000341408	-0.0985625	0.66510579	0.757767704									
FSTL5	NM_020116_bp2545_R	AGCTAAAAGCCACTACCTTGTCAGCATTATCTCTTGAATAATGCTGACAAGGTAGTGGCCGG	Hs.32452	15905	2.0188875	0.61406045	0.000670759	-0.1513375	0.72263218	0.660311851									
FSTL5	NM_020116_bp2901_R	AGCTAAAAGATGGACGACTCAATAAATATATCTCTTGAATAATTTATTGAGTCGTCCATCGG	Hs.32452	5151	-0.3932125	0.56995354	0.184291575	-0.1927125	0.53022421	0.4826771									
FSTL5	NM_020116_bp2901_R	AGCTAAAAGATGGACGACTCAATAAATATATCTCTTGAATAATTTATTGAGTCGTCCATCGG	Hs.32452	10527	-0.4007625	0.58342606	0.183730729	-0.0051125	0.08187723	0.971051391									
FSTL5	NM_020116_bp2901_R	AGCTAAAAGATGGACGACTCAATAAATATATCTCTTGAATAATTTATTGAGTCGTCCATCGG	Hs.32452	15903	0.5998625	1.35607339	0.317089168	-0.850166667	0.97126112	0.146171592									
FSTL5	NM_020116_bp2926_R	AGCTAAAAGTGAGATCACTGAAGTTGAAATCTCTTGAATTTCAACTTCAGTGATTCTCACGG	Hs.32452	5155	0.1802625	0.15767779	0.262859349	-0.695825	0.82812122	0.118975927									
FSTL5	NM_020116_bp2926_R	AGCTAAAAGTGAGATCACTGAAGTTGAAATCTCTTGAATTTCAACTTCAGTGATTCTCACGG	Hs.32452	10531	0.1097625	0.21668505	0.508036094	-0.4250875	0.30975232	0.071112673									
FSTL5	NM_020116_bp2926_R	AGCTAAAAGTGAGATCACTGAAGTTGAAATCTCTTGAATTTCAACTTCAGTGATTCTCACGG	Hs.32452	15907	1.6008375	1.42140007	0.036322937	-0.3281125	1.35743732	0.591888298									
FUBP1	NM_003902_bp1637_R	AGCTAAAAGGCTGCTTATTACCGCTCACTATCTCTTGAATGAGTGAGCGTAATAAGCAGCCGG	Hs.567380	3203	0.500466667	0.3057549	0.073855568					0.9401125	0.92123711	0.043504526	0.578725	0.77531448	0.233300343	0.491725	0.62172958	0.211841543
FUBP1	NM_003902_bp1637_R	AGCTAAAAGGCTGCTTATTACCGCTCACTATCTCTTGAATGAGTGAGCGTAATAAGCAGCCGG	Hs.567380	8579	0.541225	0.88316618	0.198228993					0.2655375	0.23424508	0.22781148	0.701175	0.84017407	0.193686136	0.518575	0.68198566	0.225654803
FUBP1	NM_003902_bp1637_R	AGCTAAAAGGCTGCTTATTACCGCTCACTATCTCTTGAATGAGTGAGCGTAATAAGCAGCCGG	Hs.567380	13955	0.00085	0.8228167	0.998120736					0.8406333333	0.63498528	0.047472202	0.652225	0.80584586	0.203938379	0.524375	0.66409481	0.212718884
FUBP1	NM_003902_bp1871_R	AGCTAAAAGGCTGAGTATTATAGACAACACTCTTGAATGTTGTCTATAATACTCAGCCGG	Hs.567380	3205	0.040225	0.25071868	0.813331234					1.4743875	0.61613863	0.001854092	0.985125	0.20475785	0.002382293	2.259166667	0.49316956	0.015515814
FUBP1	NM_003902_bp1871_R	AGCTAAAAGGCTGAGTATTATAGACAACACTCTTGAATGTTGTCTATAATACTCAGCCGG	Hs.567380	8581	0.228175	0.19144916	0.425760229					1.2539625	0.59330811	0.003731918	0.9496	0.28374429	0.006802964	1.9647	0.56625111	0.127988495
FUBP1	NM_003902_bp1871_R	AGCTAAAAGGCTGAGTATTATAGACAACACTCTTGAATGTTGTCTATAATACTCAGCCGG	Hs.567380	13957	0.129575	0.29175561	0.48416271					1.1773125	0.53193265	0.003797464	0.88445	0.34263081	0.014095622	2.2233	0.47808538	0.015065788
FUBP1	NM_003902_bp831_R	AGCTAAAAGGGTCAAGAATAGGAGGAAATTCTCTTGAAATTTCCTCCTATTCTTGACCCGG	Hs.567380	3201	0.902625	0.96220617	0.07035188					-0.5542125	0.24972394	0.032084763	0.239375	0.09960754	0.017146173	0.29965	0.2145741	0.068249894
FUBP1	NM_003902_bp831_R	AGCTAAAAGGGTCAAGAATAGGAGGAAATTCTCTTGAAATTTCCTCCTATTCTTGACCCGG	Hs.567380	8577	0.502575	0.20072809	0.020633529					-0.5155875	1.31554513	0.050008881	0.2731	0.1541129	0.038249972	0.3418	0.24759794	0.070097904
FUBP1	NM_003902_bp831_R	AGCTAAAAGGGTCAAGAATAGGAGGAAATTCTCTTGAAATTTCCTCCTATTCTTGACCCGG	Hs.567380	13953	0.516325	0.13203256	0.013725819					-0.5168375	0.27265859	0.043897928	0.24755	0.11395372	0.022510552	0.43955	0.20757181	0.024093754
FUBP3	XM_376917_bp163_R	AGCTAAAAGCCGGGCAGATTGCTGCTAAATCTCTTGAATTTAGCAGCAATCTGCCGGGACGG	Hs.98751	4955	-0.3432625	0.31257506	0.11000579	-0.6652625	0.07791345	0.005460212					0.524375	0.34456594	0.055704948	0.89595	0.14250204	0.001084407
FUBP3	XM_376917_bp163_R	AGCTAAAAGCCGGGCAGATTGCTGCTAAATCTCTTGAATTTAGCAGCAATCTGCCGGGACGG	Hs.98751	10331	-0.3579125	0.26919834	0.083445549	-0.5020375	0.49832824	0.097884586					0.452725	0.42769092	0.124528625	0.886975	0.12241368	0.000712428
FUBP3	XM_376917_bp163_R	AGCTAAAAGCCGGGCAGATTGCTGCTAAATCTCTTGAATTTAGCAGCAATCTGCCGGGACGG	Hs.98751	15707	-0.1746125	0.20826661	0.303467089	-0.4407125	0.43079826	0.105684661					0.49725	0.54593881	0.166049767	0.9882	0.18988918	0.001892778
FUBP3	XM_376917_bp844_R	AGCTAAAAGGAGGCAGTATAGAGGTATTCTTCTTGAAAGATACCCTCTATACTGCCTCCCGG	Hs.98751	4959	1.7758125	1.10581064	0.010514337	0.5886375	1.41324735	0.370007581					0.804833333	0.55380694	0.128175886	0.959175	0.2243004	0.003358967
FUBP3	XM_376917_bp844_R	AGCTAAAAGGAGGCAGTATAGAGGTATTCTTCTTGAAAGATACCCTCTATACTGCCTCCCGG	Hs.98751	10335	1.6397125	1.0526616	0.012050149	0.7368875	1.02576043	0.160029921					0.7253	0.49426352	0.126160038	0.948625	0.30604854	0.008456879
FUBP3	XM_376917_bp844_R	AGCTAAAAGGAGGCAGTATAGAGGTATTCTTCTTGAAAGATACCCTCTATACTGCCTCCCGG	Hs.98751	15711	1.7285375	0.97908621	0.007512394	0.7934375	1.12815888	0.164597632					0.628433333	0.63743675	0.229835774	0.95015	0.12436979	0.000608825
FUBP3	XM_376917_bp937_R	AGCTAAAAGGTGTGGAGGATCAGTTTAATCTCTTGAATTTAACTGAATCCTCACACCGG	Hs.98751	4957	0.2528875	0.09853566	0.119407792	-1.0063125	0.3676378	0.005138315					0.17715	0.51038739	0.537496434	0.4864	0.47339185	0.132133606
FUBP3	XM_376917_bp937_R	AGCTAAAAGGTGTGGAGGATCAGTTTAATCTCTTGAATTTAACTGAATCCTCACACCGG	Hs.98751	10333	-0.0926125	0.02055766	0.506635116	-1.1547375	0.29811988	0.001893802					0.1393	0.56484454	0.655695322	0.565825	0.50357794	0.110221563
FUBP3	XM_376917_bp937_R	AGCTAAAAGGTGTGGAGGATCAGTTTAATCTCTTGAATTTAACTGAATCCTCACACCGG	Hs.98751	15709	-0.0184875	0.28057511	0.917038861	-1.1035375	0.34198083	0.003027522					0.083925	0.36465969	0.6766188	0.623	0.5183277	0.095540279
FXYD5	NM_014164_bp203_R	AGCTAAAAGGACAGACGTTGAAAGATACCTCTCTTGAAGGTATCTTTCAACGTCTGTCCGG	Hs.333418	2298	5.1742625	1.08787503	7.876-05					-0.13236667	1.13370087	0.800201956					
FXYD5	NM_014164_bp203_R	AGCTAAAAGGACAGACGTTGAAAGATACCTCTCTTGAAGGTATCTTTCAACGTCTGTCCGG	Hs.333418	7674	4.3997875	1.48539891	0.000690372					-0.1448	1.07973492	0.773088826					
FXYD5	NM_014164_bp203_R	AGCTAAAAGGACAGACGTTGAAAGATACCTCTCTTGAAGGTATCTTTCAACGTCTGTCCGG	Hs.333418	13050	4.4044375	1.55246283	0.000835556					-0.10145	0.8041357	0.780573388					
FXYD5	NM_014164_bp276_R	AGCTAAAAGCCCAGATGCAGTCTACATCTCTTGAATGTAGACTGCATCTGGGGCTCCGG	Hs.333418	1256	0.7147375	0.55829981	0.045379023					0.43725	0.77041122	0.219152512					
FXYD5	NM_014164_bp276_R	AGCTAAAAGAGCCCCAGATGCAGTCTACATCTCTTGAATGTAGACTGCATCTGGGGCTCCGG	Hs.333418	6632	0.7214875	0.6242694	0.055037479					0.477125	0.83811593	0.208814965					
FXYD5	NM_014164_bp276_R	AGCTAAAAGAGCCCCAGATGCAGTCTACATCTCTTGAATGTAGACTGCATCTGGGGCTCCGG	Hs.333418	12008	0.6112625	0.49612599	0.056310668					0.369275	0.69349543	0.25992753					
FXYD5	NM_014164_bp386_R	AGCTAAAAGTGGGCCCTCTAGTGACAGATTCTCTTGAAATCTGTCACTAGAGGCCCATCGG	Hs.333418	1255	3.1340125	1.09729729	0.000926878					1.389275	0.61520288	0.002512877					
FXYD5	NM_014164_bp386_R	AGCTAAAAGTGGGCCCTCTAGTGACAGATTCTCTTGAATCTGTCACTAGAGGCCCATCGG	Hs.333418	6631	3.1180375	1.0749237	0.000870417					1.355775	0.74689809	0.005163485					
FXYD5	NM_014164_bp386_R	AGCTAAAAGATGGGCCTCTAGTGACAGATTCTCTTGAAATCTGTCACTAGAGGCCCATCGG	Hs.333418	12007	3.0845375	1.12411507	0.001104702					1.3616	0.75911326	0.005320084					
FYN	NM_002037_bp1168_R	AGCTAAAAGCACCATGTCAAACATTATTCTCTTGAAATATTTGCCAGTATCGTCTCCCGG	Hs.390567	7031															
FYN	NM_002037_bp1813_R	AGCTAAAAGCCCGATTGATAGAAGACAATTCTCTTGAATTGTCTTCTATCAATCGGGCGG	Hs.390567	135	-0.514033333	0.87491147	0.261349148	-0.1856875	0.3776244	0.402581248									
FYN	NM_002037_bp1813_R	AGCTAAAAGCCCGATTGATAGAAGACAATTCTCTTGAATTGTCTTCTATCAATCGGGCGG	Hs.390567	5511	-0.5466	0.89084586	0.242795676	-0.5029375	0.6697378	0.191965682									
FYN	NM_002037_bp1813_R	AGCTAAAAGCCCCGATTGATAGAAGACAATTCTCTTGAATTGTCTTCTATCAATCGGGCGG	Hs.390567	10887	-0.537	0.71242899	0.183742387	-0.3906875	0.5688687	0.207745536									
FYN	NM_002037_bp1896_R	AGCTAAAAGTACGGGAGGTTCAAATCAATCTCTTGAATTGATTGTGAACCTCCCGTACGG		1681															
FYN	NM_002037_bp1896_R	AGCTAAAAGTACGGGAGGTTCAAATCAATCTCTTGAATTGATTGTGAACCTCCCGTACGG		7057															
FYN	NM_002037_bp1896_R	AGCTAAAAGTACGGGAGGTTCAAATCAATCTCTTGAATTGATTGTGAACCTCCCGTACGG		12433															
GAB1	NM_002039_bp1123_R	AGCTAAAAGAGGCATGTATCTATTAGTTATCTCTTGAATAACTAATAGATACATGCCTCGG	Hs.80720	1253	-0.1509125	0.21591489	0.276436028					0.2404	0.37206983	0.316762866					
GAB1	NM_002039_bp1123_R	AGCTAAAAGAGGCATGTATCTATTAGTTATCTCTTGAATAACTAATAGATACATGCCTCGG	Hs.80720	6629	-0.

GATS	NM_178831_bp2072_R	AGCTAAAAGGAGAAGGGTTTGAGAAGAACTCTCTTGAAGTTCTTCTCAAACCCTTCTCCGG	Hs.556063	3522	1.033625	0.4893453	0.006293565					1.7270625	0.59444367	0.000724533
GATS	NM_178831_bp2072_R	AGCTAAAAGGAGAAGGGTTTGAGAAGAACTCTCTTGAAGTTCTTCTCAAACCCTTCTCCGG	Hs.556063	8898	0.3875	0.40203236	0.111293029					1.1647625	0.3725473	0.001865334
GATS	NM_178831_bp2072_R	AGCTAAAAGGAGAAGGGTTTGAGAAGAACTCTCTTGAAGTTCTTCTCAAACCCTTCTCCGG	Hs.556063	14274	0.675725	0.1667917	0.005410613					1.1839125	0.36417623	0.001648871
GATS	NM_178831_bp2382_R	AGCTAAAAGCCAAGCAGATGCATACATATTATCTCTTGAATAATGTATGCATCTGCTTGGCGG	Hs.556063	8896	1.863925	0.09389111	3.41E-05					-0.0976125	0.41576194	0.688180485
GATS	NM_178831_bp2382_R	AGCTAAAAGCCAAGCAGATGCATACATATTATCTCTTGAATAATGTATGCATCTGCTTGGCGG	Hs.556063	3520	1.968025	0.15954208	3.59E-05					-0.051525	0.25070471	0.880839567
GATS	NM_178831_bp2382_R	AGCTAAAAGCCAAGCAGATGCATACATATTATCTCTTGAATAATGTATGCATCTGCTTGGCGG	Hs.556063	14272	1.99075	0.08561194	2.40E-05					-0.32718333	0.42635359	0.286564995
GATS	NM_178831_bp3134_R	AGCTAAAAGCGCTCAGCCTATGGGTTTAATCTCTTGAATTAAACCCATAGGCTGAGCGCGG	Hs.556063	3524	0.484475	1.30683895	0.395497467					-0.4015375	0.27947635	0.097328966
GATS	NM_178831_bp3134_R	AGCTAAAAGCGCTCAGCCTATGGGTTTAATCTCTTGAATTAAACCCATAGGCTGAGCGCGG	Hs.556063	8900	0.31625	0.86968324	0.420135335					-0.3493125	0.16625982	0.113933372
GATS	NM_178831_bp3134_R	AGCTAAAAGCGCTCAGCCTATGGGTTTAATCTCTTGAATTAAACCCATAGGCTGAGCGCGG	Hs.556063	14276	0.07075	0.43819154	0.753373878					-0.4080375	0.36615283	0.114034816
GBP4	NM_052941_bp212_R	AGCTAAAAGTGGCCATAGTGACTGATCTCTCTTGAAGTATACCTCCTACAATGGCCACGG	Hs.409925	3757	-0.4907	0.39504076	0.05766098					-0.0352875	0.93490134	0.927914997
GBP4	NM_052941_bp212_R	AGCTAAAAGTGGCCATAGTGAGGCGTATACTCTCTTGAAGTATAGCCCTACAATGGCCACGG	Hs.409925	9133	-0.36975	0.32532489	0.095535942					-0.0451875	0.86730925	0.902453602
GBP4	NM_052941_bp212_R	AGCTAAAAGTGGCCATTGTAGGGCGTATACTCTCTTGAAGTATAGCCCTACAATGGCCACGG	Hs.409925	14509	-0.369375	0.33632284	0.099966246					-0.0739625	0.82739356	0.835707813
GBP4	NM_052941_bp511_R	AGCTAAAAGCAGCTGCACTATGTGACTGATCTCTTGAATCAGTCACATATGTGCAGCTGCGG	Hs.409925	3759	0.670925	0.1689311	0.056635517					0.1474625	0.45073088	0.560738024
GBP4	NM_052941_bp511_R	AGCTAAAAGCAGCTGCACTATGTGACTGATCTCTTGAATCAGTCACATATGTGCAGCTGCGG	Hs.409925	9135	0.51945	0.24311901	0.022619842					-0.1425125	0.50072073	0.59145008
GBP4	NM_052941_bp511_R	AGCTAAAAGCAGCTGCACTATGTGACTGATCTCTTGAATCAGTCACATATGTGCAGCTGCGG	Hs.409925	14511	0.546525	0.19539255	0.014683955					-0.1125125	0.39561056	0.6381739
GBP4	NM_052941_bp968_R	AGCTAAAAGGGACTTCTGGTGGTGACTTATTTCTCTTGAAATAAGTCACCACCAGAGTCCCGG	Hs.409925	3755	0.432933333	0.03289956	0.060719267					-0.1542	0.10352043	0.647546055
GBP4	NM_052941_bp968_R	AGCTAAAAGGGACTCTGGTGGTGACTTATTTCTCTTGAAATAAGTCACCACCAGAGTCCCGG	Hs.409925	9131	0.33955	0.27065773	0.096574703					-0.1789875	0.13696367	0.37365948
GBP4	NM_052941_bp968_R	AGCTAAAAGGGACTCTGGTGGTGACTTATTTCTCTTGAAATAAGTCACCACCAGAGTCCCGG	Hs.409925	14507	0.282025	0.27616648	0.15330069					-0.1393125	0.07052886	0.472288371
GCET2	AK125521_bp2229_R	AGCTAAAAGGGCTTTCTATTTAGCATACTCTCTCTTGAAAGTATGCTAAATAGAAAGCCCGG	Hs.49614	3913	-0.7475125	0.33623182	0.009512001					-0.075675	0.22175144	0.712906933
GCET2	AK125521_bp2229_R	AGCTAAAAGGGCTTTCTATTTAGCATACTCTCTCTTGAAAGTATGCTAAATAGAAAGCCCGG	Hs.49614	9289	-0.9607875	0.22789044	0.00164672					-0.135875	0.25134058	0.523071302
GCET2	AK125521_bp2229_R	AGCTAAAAGGGCTTTCTATTTAGCATACTCTCTCTTGAAAGTATGCTAAATAGAAAGCCCGG	Hs.49614	14665	-1.0044625	0.32300579	0.002508994					0.0159	0.2442932	0.939038425
GCET2	AK125521_bp2303_R	AGCTAAAAGCCACTAACTTTAATGTATCATCTCTCTTGAATGATACATTAAAGTTAGTGGCGG	Hs.49614	3887	-0.2512125	0.30527091	0.210664143					-0.766025	0.15984343	0.006449142
GCET2	AK125521_bp2303_R	AGCTAAAAGCCACTAACTTTAATGTATCATCTCTCTTGAATGATACATTAAAGTTAGTGGCGG	Hs.49614	9263	-0.0815625	0.27416975	0.646309387					-0.759	0.44989579	0.018971467
GCET2	AK125521_bp2303_R	AGCTAAAAGCCACTAACTTTAATGTATCATCTCTCTTGAATGATACATTAAAGTTAGTGGCGG	Hs.49614	14639	-0.1014125	0.25792445	0.561756648					-0.583375	0.19684748	0.022870318
GCET2	AK125521_bp2405_R	AGCTAAAAGATGGCATAATTGTCTTATTATCTCTTGAATAATAAGACAATTATGCCATCGG	Hs.49614	3885	-0.7790375	0.61357406	0.034339167					0.040425	0.59427385	0.888117896
GCET2	AK125521_bp2405_R	AGCTAAAAGATGGCATAATTGTCTTATTATCTCTTGAATAATAAGACAATTATGCCATCGG	Hs.49614	9261	-0.7378875	0.72632993	0.062505018					0.2611	0.41468183	0.302029113
GCET2	AK125521_bp2405_R	AGCTAAAAGATGGCATAATTGTCTTATTATCTCTTGAATAATAAGACAATTATGCCATCGG	Hs.49614	14637	-0.8309125	0.48316009	0.014560249					0.23015	0.29319146	0.309181039
GCK	NM_000162_bp1059_R	AGCTAAAAAGAGAGGGGACTTTGAAATGGATCTCTTGAATCCATTTCAAAGTCCCCCTCTCGG	Hs.1270	80	0.60895	0.5330878	0.153184264	-0.8510125	0.3186987	0.007303447				
GCK	NM_000162_bp1059_R	AGCTAAAAGAGAGGGGACTTTGAAATGGATCTCTTGAATCCATTTCAAAGTCCCCCTCTCGG	Hs.1270	5456	-0.21855	0.34245181	0.483104914	-0.6189375	0.85985792	0.165400707				
GCK	NM_000162_bp1059_R	AGCTAAAAGAGAGGGGACTTTGAAATGGATCTCTTGAATCCATTTCAAAGTCCCCCTCTCGG	Hs.1270	10832	-1.68375	1.1337043	0.047200887	-0.8265375	2.19199838	0.407048122				
GCK	NM_000162_bp1285_R	AGCTAAAAGACGAGTTCCTGCTGGAGTATTCTCTTGAAATACTCCAGCAGGAACTCGTCGG	Hs.1270	81	-0.1963			0.43565	0.88060644	0.365848725				
GCK	NM_000162_bp1285_R	AGCTAAAAGACGAGTTCCTGCTGGAGTATTCTCTTGAAATACTCCAGCAGGAACTCGTCGG	Hs.1270	5457	0.1244			0.482316667	0.98410388	0.362878634				
GCK	NM_000162_bp1285_R	AGCTAAAAGACGAGTTCCTGCTGGAGTATTCTCTTGAATACTCCAGCAGGAACTCGTCGG	Hs.1270	10833	0.015			0.559216667	0.97756378	0.298828056				
GCK	NM_000162_bp727_R	AGCTAAAAGGGCACTAACTCAGGGTGATGTCTCTTGAACATCACCCTGAAGTTAGTGCCGG	Hs.1270	82	0.0316			-0.3889	0.97467599	0.503692867				
GCK	NM_000162_bp727_R	AGCTAAAAGGGCACTAACTCAGGGTGATGTCTCTTGAACATCACCCTGAAGTTAGTGCCGG	Hs.1270	5458	0.2449			0.2075	1.33657172	0.752174643				
GCK	NM_000162_bp727_R	AGCTAAAAGGGCACTAACTCAGGGTGATGTCTCTTGAACATCACCCTGAAGTTAGTGCCGG	Hs.1270	10834	-0.2036			0.1073	1.10168435	0.84496479				
GEMIN4	NM_015721_bp1040_R	AGCTAAAAGGGGACAAGTTACGACAGCTATCTCTTGAATAGCTGTCGTAACTTGTCCCCGG	Hs.499620	1236	-0.6108625	0.25417121	0.010441547				-0.116375	0.45938347	0.655322565
GEMIN4	NM_015721_bp1040_R	AGCTAAAAGGGGACAAGTTACGACAGCTATCTCTTGAATAGCTGTCGTAACTTGTCCCCGG	Hs.499620	6612	0.0762875	0.41231183	0.858389897				-0.03705	0.07604448	0.860941145
GEMIN4	NM_015721_bp1040_R	AGCTAAAAGGGGACAAGTTACGACAGCTATCTCTTGAATAGCTGTCGTAACTTGTCCCCGG	Hs.499620	11988	0.1532375	0.53486432	0.655990423				0.01465	0.10294544	0.923196244
GEMIN4	NM_015721_bp2179_R	AGCTAAAAGGTGCCTCTCTTTGGATAGGATCTCTTGAATCCTATCCAAAGAGAGGCACCGG	Hs.499620	1249	-1.019616667	0.76597711	0.040290794				-0.137325	0.23816442	0.524225017
GEMIN4	NM_015721_bp2179_R	AGCTAAAAGGTGCCTCTCTTTGGATAGGATCTCTTGAATCCTATCCAAAGAGAGGCACCGG	Hs.499620	6625	-1.05015	0.50856905	0.014882331				-0.151125	0.07266024	0.495517507
GEMIN4	NM_015721_bp2179_R	AGCTAAAAGTGCCTCTCTTTGGATAGGATCTCTTGAATCCTATCCAAAGAGAGGCACCGG	Hs.499620	12001	-1.070816667	0.48728269	0.012808762				-0.1823	0.33372562	0.509370338
GEMIN4	NM_015721_bp447_R	AGCTAAAAGAGCGCTTTCTGGAACATGTGTCTCTTGAACACATGTTCCGAAAGCGCTCGGG	Hs.499620	7672	1.3530625	0.51118425	0.002572764				0.20785	0.21443452	0.31655128
GEMIN4	NM_015721_bp447_R	AGCTAAAAGAGCGCTTTCTGGAACATGTGTCTCTTGAACACATGTTCCGAAAGCGCTCGGG	Hs.499620	2296	1.1886375	0.49134976	0.004094923				-0.1875			
GEMIN4	NM_015721_bp447_R	AGCTAAAAGAGCGCTTTCTGGAACATGTGTCTCTTGAACACATGTTCCGAAAGCGCTCGGG	Hs.499620	13048	1.25695	0.36850469	0.005509636				-0.06555	0.35800816	0.880411551
GEMIN5	NM_015465_bp1513_R	AGCTAAAAGGGATTGTCTTACAGCATAATTCTCTTGAAATTATGCTGTAAGACAATCCCGG	Hs.483921	1235	2.5405875	0.70642622	0.000406011				0.08555	0.59129718	0.753951361
GEMIN5	NM_015465_bp1513_R	AGCTAAAAGGGATTGTCTTACAGCATAATTCTCTTGAAATTATGCTGTAAGACAATCCCGG	Hs.483921	6611	2.5063375	0.7018206	0.000422439				0.0513	0.62266965	0.850868571
GEMIN5	NM_015465_bp1513_R	AGCTAAAAGGGATTGTCTTACAGCATAATTCTCTTGAAATTATGCTGTAAGACAATCCCGG	Hs.483921	11987	2.4738375	0.7246186	0.000509017				0.02615	0.58553249	0.915564863
GEMIN5	NM_015465_bp1581_R	AGCTAAAAGGACACCAATTCAATCAAATATCTCTTGAATATTTGATTGAATTGGTGTTCCGG	Hs.483921	1233	1.3841125	0.52811173	0.002501165				-0.5578	0.26570815	0.033512841
GEMIN5	NM_015465_bp1581_R	AGCTAAAAGGACACCAATTCAATCAAATATCTCTTGAATATTTGATTGAATTGGTGTTCCGG	Hs.483921	6609	0.7141875	0.48990233	0.031920323				-0.522025	0.11651304	0.030255651
GEMIN5	NM_015465_bp1581_R	AGCTAAAAGGACACCAATTCAATCAAATATCTCTTGAATATTTGATTGAATTGGTGTTCCGG	Hs.483921	11985	1.2066125	0.48984791	0.003703754				-0.5111	0.17651331	0.03629508
GEMIN5	NM_015465_bp3143_R	AGCTAAAAGGGCCCACTTGTGCTTATGATGTCTCTTGAACATCATAAGCACAAGTGGCCCGG	Hs.483921	1234	0.4105125	0.46422698	0.152487343				-0.373275	0.6153828	0.238463138
GEMIN5	NM_015465_bp3143_R	AGCTAAAAGGGCCCACTTGTGCTTATGATGTCTCTTGAACATCATAAGCACAAGTGGCCCGG	Hs.483921	6610	0.2881125	0.40542275	0.272505522				0.00765	0.41185319	0.962426883
GEMIN5	NM_015465_bp3143_R	AGCTAAAAGGGCCCACTTGTGCTTATGATGTCTCTTGAACATCATAAGCACAAGTGGCCCGG	Hs.483921	11986	1.1173625	0.80002592	0.023204927				-0.6658	0.66669249	0.066590158
GEMIN6	NM_024775_bp190_R	AGCTAAAGAGAAGAATGAGTATAAAGTCTCTTTGAACTTTATACTCATTCTTTCTCACGG	Hs.143818	1232	1.6808875	0.37664082	0.00037911				0.1497	0.30659935	0.494704475
GEMIN6	NM_024775_bp190_R	AGCTAAAAGTGAGAAGAATGAGTATAAAGTCTCTTTGAACTTTATACTCATTCTTTCTCACGG	Hs.143818	6608	1.5659375	0.24838484	0.000216808				0.068825	0.28937313	0.73868138
GEMIN6	NM_024775_bp190_R	AGCTAAAGTGAGAAGAATGAGTATAAAGTCTCTTTGAACTTTATACTCATTCTTTCTCACGG	Hs.143818	11984	1.6917375	0.33118565	0.000266806				0.128125	0.33038193	0.563015472
GEMIN6	NM_024775_bp377_R	AGCTAAAGCTCTGGGAGACTGCAAAGCATATCTCTTGAATATGCTTTGCATCTCCAGACGG	Hs.143818	2294	2.4070375	1.01070016	0.002179355				0.2659	0.15585765	0.199802058
GEMIN6	NM_024775_bp377_R	AGCTAAAGCTCTGGGAGACTGCAAAGCATATCTCTTGAATATGCTTTGCATCTCCAGACGG	Hs.143818	7670	2.4571625	0.72642745	0.000532055				0.2407	0.31921326	0.290082255
GEMIN6	NM_024775_bp377_R	AGCTAAAGCTCTGGGAGACTGCAAAGCATATCTCTTGAATATGCTTTGCATCTCCAGACGG	Hs.143818	13046	2.4261875	0.89559815	0.001292103				0.370825	0.1346599	0.089341262
GEMIN6	NM_024775_bp547_R	AGCTAAAAGCAGCAGCTCTAATGAGATTATCTTTGAATAATCTTCATTAGAGCTGCTGCGG	Hs.143818	1231	-0.2238125	0.45873355	0.285343187				0.01285	0.2075039	0.934914253
GEMIN6	NM_024775_bp547_R	AGCTAAAAGCAGCAGCTCTAATGAGATTATCTTTGAATAATCTTCATTAGAGCTGCTGCGG	Hs.143818	6607	-0.2320875	0.48510475	0.287969527				0.020125	0.27408849	0.911228399
GEMIN6	NM_024775_bp547_R	AGCTAAAAGCAGCAGCTCTAATGAGATTATCTTTGAATAATCTTCATTAGAGCTGCTGCGG	Hs.143818	11983	-0.2454125	0.458391	0.251800998				0.0608	0.27605979	0.764432268
G1A1	NM_000165_bp351_R	AGCTAAAAGCAGTCTGCCTTTCGTTGTAATCTCTTGAATTACAACGAAAGGCAGACTGCGG	Hs.74471	2292	2.2903625	1.66044159	0.714993505				-0.2113	0.40973898	0.398596126
G1A1	NM_000165_bp351_R	AGCTAAAAGCAGTCTGCCTTTCGTTGTAATCTCTTGAATTACAACGAAAGGCAGACTGCGG	Hs.74471	7668	0.5057625	1.48641995	0.461985226				-0.07395	0.64084615	0.81543393
G1A1	NM_000165_bp351_R	AGCTAAAAGCAGTCTGCCTTTCGTTGTAATCTCTTGAATTACAACGAAAGGCAGACTGCGG	Hs.74471	13044	0.2782875	1.52955347	0.706876272				0.00775	0.30059109	0.992040257
G1A1	NM_000165_bp717_R	AGCTAAAAGCTGATCCAGTGGTACATCTATCTCTTGAATAGATGTACCACTGGATCAGCGG	Hs.74471	1230	-0.7686875	0.32654796	0.006672731				-0.050675	0.44181289	0.8510869
G1A1	NM_000165_bp717_R	AGCTAAAAGCTGATCCAGTGGTACATCTATCTCTTGAATAGATGTACCACTGGATCAGCGG	Hs.74471	6606	-0.7562875	0.32649489	0.007113358				-0.037475	0.5092473	0.899470189
G1A1	NM_000165_bp717_R	AGCTAAAAGCTGATCCAGTGGTACATCTATCTCTTGAATAGATGTACCACTGGATCAGCGG	Hs.74471	11982	-0.7517625	0.34442057	0.008119329				-0.093775	0.49635422	0.733585916
G1A1	NM_000165_bp864_R	AGCTAAAAGTCCCTGGCCTTGAATATCATTCTCTTGAAATGATATTCAAGGCCAGGGACGG	Hs.74471	2290	-0.0595625	0.51629456	0.700405016				-1.111325	1.52053069	0.097282102
G1A1	NM_000165_bp864_R	AGCTAAAAGTCCCTGGCCTTGAATATCATTCTCTTGAAATGATATTCAAGGCCAGGGACGG	Hs.74471	7666	-0.1163875	0.4841356	0.529343884				-1.085	1.43021965	0.089357253
G1A1	NM_000165_bp864_R	AGCTAAAAGTCCCTGGCCTTGAATATCATTCTCTTGAAATGATATTCAAGGCCAGGGACGG	Hs.74471	13042	-0.0287875	0.37235154	0.745988765				-0.97185	1.92002073	0.150907243
G1B1	NM_000166_bp251_R	AGCTAAAAGTGTGTGGGGGTGATGAGAAATTCTCTGAAATTTCTCATCACCCCACACACGG	Hs.333303	2288	1.4156625	0.56617608	0.002891768				0.97515	2.34045274	0.320945213
G1B1	NM_000166_bp251_R	AGCTAAAAGTGTGTGGGGGTGATGAGAAATTCTCTGAAATTTCTCATCACCCCACACACGG	Hs.333303	7664	1.3918375	0.61646281	0.004111083				0.7574	2.21211285	0.406889998
G1B1	NM_000166_bp251_R	AGCTAAAAGTGTGTGGGGGTGATGAGAAATTCTCTGAAATTTCTCATCACCCCACACACGG	Hs.333303	13040	1.3723125	0.49570446	0.002183174				1.0873	1.6660954	0.149104851
G1B1	NM_000166_bp562_R	AGCTAAAAGAGGCCGTCTTCATGTATGTCTCTCTTGAAGACATACATGAAGACGGCCTCGG	Hs.333303	1229	0.2069375	0.85117692	0.653146124				-0.3237	0.27735456	0.169863134
G1B1	NM_000166_bp562_R	AGCTAAAAGAGGCCGTCTTCATGTATGTCTCTCTTGAAGACATACATGAAGACGGCCTCGG	Hs.333303	6665	0.1599375	0.80271824	0.73165578				-0.3509	0.27360253	0.141783365
G1B1	NM_000166_bp562_R	AGCTAAAAGAGGCCGTCTTCATGTATGTCTCTCTTGAAGACATACATGAAGACGGCCTCGG	Hs.333303	11981	0.2287875	0.88031996	0.622926114				-0.343625	0.28871107	0.151809271
G1B1	NM_000166_bp892_R	AGCTAAAAGATGGCTCCCTGAAAGACATATCTCTTGAATATGTCTTTCAGGGAGCCATCGG	Hs.333303	1228	0.4903875	0.40188685	0.075160441				-0.077425	0.42212521	0.763941733
G1B1	NM_000166_bp892_R	AGCTAAAAGATGGCTCCCTGAAAGACATATCTCTTGAATATGTCTTTCAGGGAGCCATCGG	Hs.333303	6604	0.5030625	0.38659368	0.065119447				-0.082525	0.38730888	0.740093758
G1B1	NM_000166_bp892_R	AGCTAAAAGATGGCTCCCTGAAAGACATATCTCTTGAATATGTCTTTCAGGGAGCCATCGG	Hs.333303	11980	0.4841625	0.40256973	0.078362317				-0.124075	0.43248498	0.628692975
G1B2	NM_004004_bp321_R	AGCTAAAAGAACGTGTGCTACGATCACTATCTCTTGAATAGTGATCGTAGCACCGTTCGG	Hs.591234	1227	-0.7995625	0.43937267	0.011076129				0.0934	0.51377476	0.713567984
G1B2	NM_004004_bp321_R	AGCTAAAAGAACGTGTGCTACGATCACTATCTCTTGAATAGTGATCGTAGCACCGTTCGG	Hs.591234	6663	-0.8371625	0.42163294	0.008382553				0.06635	0.50395445	0.788542402
G1B2	NM_004004_bp321_R	AGCTAAAAGAACGTGTGCTACGATCACTATCTCTTGAATAGTGATCGTAGCACCGTTCGG	Hs.591234	11979	-0.8094375	0.43291595	0.010184535				0.0428	0.49312885	0.856901738
G1B2	NM_004004_bp591_R	AGCTAAAAGTACGTCTCTATGTCATGTATCTCTCTTGAATACATGACATAGAAGACGTACGG	Hs.591234	1226	0.9639375	0.24398329	0.002185244				0.62185	0.25475872	0.020929033
G1B2	NM_004004_bp591_R	AGCTAAAAGTACGTCTCTATGTCATGTATCTCTCTTGAATACATGACATAGAAGACGTACGG	Hs.591234	6602	0.9223375	0.2723162	0.003207233				0.585025	0.33389147	0.034045105
G1B2	NM_004004_bp591_R	AGCTAAAAGTACGTCTCTATGTCATGTATCTCTCTTGAATACATGACATAGAAGACGTACGG	Hs.591234	11978	1.0041625	0.22774105	0.001627919				0.66655	0.33681701	0.021005532
G1B2	NM_004004_bp757_R	AGCTAAAAGTCACTGAATTGTGTTATTTGTCTCTTGAACAAATAACACAATTCAGTGACGG	Hs.591234	2286	-0.5349625	0.3135696	0.023347497				-0.0241	0.45195828	0.935088446
G1B2	NM_004004_bp757_R	AGCTAAAAGTCACTGAATTGTGTTATTTGTCTCTTGAACAAATAACACAATTCAGTGACGG	Hs.591234	7662	-0.1906625	0.3626845	0.286484567				0.2388	0.49860504	0.368794381
G1B2	NM_004004_bp757_R	AGCTAAAAGTCACTGAATTGTGTTATTTGTCTCTTGAACAAATAACACAATTCAGTGACGG	Hs.591234	13038	-0.4497375	0.27713477	0.033901578				0.23755	0.38656029	0.321998886
GK001	NM_020198_bp1255_R	AGCTAAAAGACACTGTTGTTTACATTTAATCTCTTGAATTAAATGTAAACAACAGTGTCGG	Hs.202011	608	-0.445225	0.14992137	0.025513862	-0.4207	0.3986702	0.105032473				
GK001	NM_020198_bp1255_R	AGCTAAAAGACACTGTTGTTTACATTTAATCTCTTGAATTAAATGTAAACAACAGTGTCGG	Hs.202011	5984	-0.3257	0.14811741	0.069371375	-0.15255	0.31394206	0.443932182				
GK001	NM_020198_bp1255_R	AGCTAAAAGACACTGTTGTTTACATTTAATCTCTTGAATTAAATGTAAACAACAGTGTCGG	Hs.202011	11360	-0.3421	0.13248225	0.057121019	-0.182875	0.30385297	0.35876182				
GK001	NM_020198_bp582_R	AGCTAAAAGGAGAGTTATATATCTAGAAATCTCTTGAATTTCTAGATATAACTTCTCCCGG	Hs.202011	609	-0.1313375	0.39258113	0.539077844	0.257275	0.2557635	0.188305458				
GK001	NM_020198_bp582_R	AGCTAAAAGGAGAGTTATATATCTAGAAATCTCTTGAATTTCTAGATATAACTTCTCCCGG	Hs.202011	5985	0.105775	0.44302291	0.642973392	0.701425	0.23831241	0.009442383				
GK001	NM_020198_bp582_R	AGCTAAAAGGGAGAGTTATATATCTAGAAATCTCTTGAATTTCTAGATATAACTTCTCCCGG	Hs.202011	11361	0.187975	0.4645781	0.434415001	0.702075	0.14544416	0.005737873				
GK001	NM_020198_bp709_R	AGCTAAAAGAGCAACTTTACCTTTAGTTTCTCTTGAATAAGTAAGTGGTTGCTCTCCGG	Hs.202011	610	-0.7745	0.30065006	0.006629716	-0.028625	0.64545003	0.926489096				
GK001	NM_020198_bp709_R	AGCTAAAAGAGAGCAACTTTACCTTTAGTTTCTCTTGAAACTAAAGTAAGTTGCTCTCCGG	Hs.202011	5986	-0.63705	0.34417411	0.018484271	0.19415	0.63776597	0.536858578				
GK001	NM_020198_bp709_R	AGCTAAAAGAGAGCAACTTTACCTTTAGTTTCTCTTGAAACTAAAGTAAGTTGCTCTCCGG	Hs.202011	11362	-0.4363	0.49842711	0.118727274	0.2377	0.67356195	0.473129455				
GL01	NM_012201_bp1791_R	AGCTAAAAGGGAGTGTGTCTCTTGTTTATCTCTTGAATAAACAAGAGAACACAGCTCCGG	Hs.201712	2697	2.540675	0.7704569	0.004436384				-0.3295125	0.86157244	0.448335742
GLG1	NM_012201_bp1791_R	AGCTAAAAGGAGTGTGTCTCTTGTTTATCTCTTGAATAAACAAGAGAACACAGCTCCGG	Hs.201712	8073	2.531575	0.81838278	0.000560023				-0.2868875	0.86043409	0.515355742
GLG1	NM_012201_bp1791_R	AGCTAAAAGGAGTGTGTCTCTTGTTTATCTCTTGAATAAACAAGAGAACACAGCTCCGG	Hs.201712	13449	2.61925	0.81435134	0.000466819				-0.3446125	0.84200575	0.418625045
GLG1	NM_012201_bp3228_R	AGCTAAAAAGCTTGTGCCCTGGACATTAAATCTCTTGAATTTAATGTCCAGGGCACAAGCGG	Hs.201712	2695	-1.09745	0.24971854	0.001314438				-0.7705375	0.79552396	0.069732642
GLG1	NM_012201_bp3228_R	AGCTAAAAGCTTGTGCCCTGGACATTAAATCTCTTGAATTTAATGTCCAGGGCACAAGCGG	Hs.201712	8071	-1.059425	0.17264645	0.001080593				-0.7760625	0.77671286	0.064740101
GLG1	NM_012201_bp3228_R	AGCTAAAAGCTTGTGCCCTGGACATTAAATCTCTTGAATTTAATGTCCAGGGCACAAGCGG	Hs.201712	13447	-1.1173	0.24255298	0.00136013				-0.7672375	0.8493093	0.081357648
GLIS3	AK096318_bp1003_R	AGCTAAAAGGGCATTACAGTGTATGATTTATCTCTTGAATAAATCATACACTGTAATGCCGG	Hs.162125	4006	-0.110783333	0.55448773	0.71332372				0.6374	0.22880807	0.017507403
GLIS3	AK096318_bp1003_R	AGCTAAAAGGCATTACAGTGTATGATTTATCTCTTGAATAAATCATACACTGTAATGCCGG	Hs.162125	9382	-0.2726	0.52000633	0.452702482				0.66905	0.33786834	0.02065722
GLIS3	AK096318_bp1003_R	AGCTAAAAGGCATTACAGTGTATGATTTATCTCTTGAATAAATCATACACTGTAATGCCGG	Hs.162125	14758	-0.08035	0.86766676	0.847154379				0.5521	0.24767434	0.032352251
GLIS3	AK096318_bp2313_R	AGCTAAAAGCCGCCATTGTCTGATCATCTTCTTTGAAAGATGATCAGACAATGGCGGCGG	Hs.162125	4008	-0.0632						-0.491375	0.21403164	0.044876323
GLIS3	AK096318_bp2313_R	AGCTAAAAGCCGCCATTGTCTGATCATCTTCTTTGAAAGATGATCAGACAATGGCGGCGG	Hs.162125	9384	-0.3026						-0.18705	0.16200083	0.359827304
GLIS3	AK096318_bp2313_R	AGCTAAAAGCCGCCATTGTCTGATCATCTTCTTTGAAAGATGATCAGACAATGGCGGCGG	Hs.162125	14760	-0.2444	0.02743574	0.376415119				-0.539125	0.21969332	0.032740308
GLIS3	AK096318_bp2565_R	AGCTAAAAGGTATCATATTTCAAGTATCTCTTGAATACTTGAAATATGATAGTACCGG	Hs.162125	4034	-0.4580125	0.60874133	0.148665178				-0.751875	0.87425245	0.078334247
GLIS3	AK096318_bp2565_R	AGCTAAAAGGTATCATATTTCAAGTATCTCTTGAATACTTGAAATATGATAGTACCGG	Hs.162125	9410	0.2349125	0.43278294	0.317081019				-0.25105	1.14771752	0.589720884
GLIS3	AK096318_bp2565_R	AGCTAAAAGGTATCATATTTCAAGTATCTCTTGAATACTTGAAATATGATAGTACCGG	Hs.162125	14786	0.6923375	0.6963732	0.068086837				-0.21035	0.98704041	0.609168585
GLMN	NM_053274_bp1254_R	AGCTAAAAAGCTTCAGCTGTATATTAACAATCTCTTGAATTGTTAATATACAGCTGAAGCGG	Hs.49105	2490	-0.20745	0.08739448	0.306234019				-0.09788333	0.0761818	0.830912937
GLMN	NM_053274_bp1254_R	AGCTAAAAGCTTCAGCTGTATATTAACAATCTCTTGAATTGTTAATATACAGCTGAAGCGG	Hs.49105	7866	-0.297225	0.09142289	0.128000555				-0.3

GLT1D1	BC043528_bp578_R	AGCTAAAAGTGCTGATAATTTGCACATATTCTCTTGAATATGTGCAAATTATCAGCACGG	Hs.12381	9712	0.032975	0.75412167	0.921674654	-0.642525	0.32060638	0.020652187	-0.37743333	0.6890699	0.313537493
GLT1D1	BC043528_bp578_R	AGCTAAAAAGTGCTGATAATTTGCACATATTCTCTTGAATATGTGCAAATTATCAGCACGG	Hs.12381	15088	0.728875	0.22029864	0.00526266	-1.4564			0.1147	0.03648671	0.730711553
GNA13	NM_006572_bp1032_R	AGCTAAAAAGGTGGAATGTTTCCGGAACAATCTCTTGAATTGTTCCGGAAACATTCCACCGG	Hs.515018	4782	-0.5732125	0.22294485	0.014095095	-0.2942125	0.58263739	0.331808258				
GNA13	NM_006572_bp1032_R	AGCTAAAAAGGTGGAATGTTTCCGGAACAATCTCTTGAATTGTTCCGGAAACATTCCACCGG	Hs.515018	10158	-0.7671375	0.28478065	0.006255843	-0.3532125	0.620039	0.274745863				
GNA13	NM_006572_bp1032_R	AGCTAAAAAGGTGGAATGTTTCCGGAACAATCTCTTGAATTGTTCCGGAAACATTCCACCGG	Hs.515018	15534	-0.5340875	0.25948909	0.022271746	-0.4380875	0.61147724	0.186228264				
GNA13	NM_006572_bp451_R	AGCTAAAAAGCCCAAGGAATGGTGGAAACATCTCTTGAATGTTTCCACCATTCCTTGGGCGG	Hs.515018	4784	-0.3483875	0.15990537	0.05919704	-0.5571625	0.5520674	0.090921679				
GNA13	NM_006572_bp451_R	AGCTAAAAGCCCAAGGAATGGTGGAAACATCTCTTGAATGTTTCCACCATTCCTTGGGCGG	Hs.515018	10160	-0.4385375	0.15264286	0.027205337	-0.6167375	0.43349765	0.042028874				
GNA13	NM_006572_bp451_R	AGCTAAAAGCCCAAGGAATGGTGGAAACATCTCTTGAATGTTTCCACCATTCCTTGGGCGG	Hs.515018	15536	-0.3853125	0.14294231	0.040672624	-0.7109375	0.57301901	0.049926973				
GNA13	NM_006572_bp952_R	AGCTAAAAAGTGCAAATTGTGAGCATCAAATCTCTTGAATTTGATGCTCACAATTTGCACGG	Hs.515018	4786	0.0424875	0.18586138	0.785471869	-0.1853875	0.69075116	0.578854028				
GNA13	NM_006572_bp952_R	AGCTAAAAAGTGCAAATTGTGAGCATCAAATCTCTTGAATTTGATGCTCACAATTTGCACGG	Hs.515018	10162	-0.1339625	0.17200806	0.399114166	-0.2729375	0.68791179	0.421940138				
GNA13	NM_006572_bp952_R	AGCTAAAAAGTGCAAATTGTGAGCATCAAATCTCTTGAATTTGATGCTCACAATTTGCACGG	Hs.515018	15538	0.0204375	0.20613672	0.898215521	-0.2293625	0.76499741	0.530698835				
GNAS	NM_080425_bp131_R	AGCTAAAAAGAGGCTGCAGTCAACTTCTCTTCTCTTGAAAGAGAAGTTGACTGCAGCCTCGG	Hs.125898	3761	-0.644275	0.8703698	0.13380902				0.0942125	0.42150965	0.699910747
GNAS	NM_080425_bp131_R	AGCTAAAAAGAGGCTGCAGTCAACTTCTCTTCTCTTGAAAGAGAAGTTGACTGCAGCCTCGG	Hs.125898	9137	-0.616	0.91740648	0.163544127				0.0073125	0.81697302	0.983460718
GNAS	NM_080425_bp131_R	AGCTAAAAAGAGGCTGCAGTCAACTTCTCTTCTCTTGAAAGAGAAGTTGACTGCAGCCTCGG	Hs.125898	14513	-0.600075	0.83017986	0.143286293				0.3951625	0.39441182	0.131905216
GNAS	NM_080425_bp205_R	AGCTAAAAAGCTGATTGACTGTGCCCAGTATCTCTTGAATACTGGGCACAGTCAATCAGCGGG	Hs.125898	3763	-0.882025	0.2292972	0.002434323				-0.6492125	0.44537972	0.03404171
GNAS	NM_080425_bp205_R	AGCTAAAAAGCTGATTGACTGTGCCCAGTATCTCTTGAATACTGGGCACAGTCAATCAGCGGG	Hs.125898	9139	-0.756425	0.15359602	0.003122626				-0.6009625	0.47478942	0.049270546
GNAS	NM_080425_bp205_R	AGCTAAAAGCTGATTGACTGTGCCCAGTATCTCTTGAATACTGGGCACAGTCAATCAGCGGG	Hs.125898	14515	-0.753425	0.24748752	0.005375336				-0.6851625	0.40426042	0.023952149
GNAS	NM_080425_bp2244_R	AGCTAAAAAGTGGATCCAGTGCTTCAACGATCTCTTGAATCGTTGAAGCACTGGATCCACGG	Hs.125898	3765	0.10325	0.21283619	0.530384505				0.1777875	0.77192227	0.604166109
GNAS	NM_080425_bp2244_R	AGCTAAAAAGTGGATCCAGTGCTTCAACGATCTCTTGAATCGTTGAAGCACTGGATCCACGG	Hs.125898	9141	0.0628	0.3892387	0.764396449				0.3260625	0.57335601	0.272116837
GNAS	NM_080425_bp2244_R	AGCTAAAAGTGGATCCAGTGCTTCAACGATCTCTTGAATCGTTGAAGCACTGGATCCACGG	Hs.125898	14517	0.208875	0.2706587	0.264615485				0.1394375	0.50986084	0.602445165
GNG8	CB565924_bp121_R	AGCTAAAAAGCGAGACGCATGCCAAAGATGTCTCTTGAACATCTTTGGCATGCGTCTCGCGG	Hs.283961	4627	0.213275	1.2687774	0.691629767	0.691925	1.10845049	0.207775571	-0.68723333	1.94038578	0.393877593
GNG8	CB565924_bp121_R	AGCTAAAAAGCGAGACGCATGCCAAAGATGTCTCTTGAACATCTTTGGCATGCGTCTCGCGG	Hs.283961	10003	0.48665	1.31874532	0.39726365	0.6933	1.18575241	0.231194357	-0.67566667	2.04149896	0.421432265
GNG8	CB565924_bp121_R	AGCTAAAAAGCGAGACGCATGCCAAAGATGTCTCTTGAACATCTTTGGCATGCGTCTCGCGG	Hs.283961	15379	0.7938	0.25206095	0.015342915	0.8973	0.09001705	0.009494013	-0.67496667	1.70624252	0.351306438
GNG8	CB565924_bp5_R	AGCTAAAAGTCCAACAACATGGCCAAGATTCTCTTGAAATCTGGCCATGTTGTTGGACGG	Hs.283961	4631	-0.165925	0.40931935	0.453698598	-0.223625	0.4982995	0.383301152	0.49495	1.28884353	0.416038772
GNG8	CB565924_bp5_R	AGCTAAAAGTCCAACAACATGGCCAAGATTCTCTTGAAATCTGGCCATGTTGTTGGACGG	Hs.283961	10007	0.228	0.4085774	0.387999117	0.2285	0.20309513	0.305930609	0.087766667	0.84598202	0.82699452
GNG8	CB565924_bp5_R	AGCTAAAAGTCCAACAACATGGCCAAGATTCTCTTGAAATCTGGCCATGTTGTTGGACGG	Hs.283961	15383	-0.2391			0.0127			0.164366667	1.23217111	0.755748095
GNG8	CB565924_bp64_R	AGCTAAAAAGGTGAACATCGACCGCATGATCTCTTGAATCATGCGGTCGATGTTCACCTGG	Hs.283961	4629	0.38095	1.18322844	0.459575944	0.459975	0.85692607	0.277982301	-0.34436667	1.10332487	0.486843664
GNG8	CB565924_bp64_R	AGCTAAAAAGGTGAACATCGACCGCATGATCTCTTGAATCATGCGGTCGATGTTCACCTGG	Hs.283961	10005	0.4349	1.26539279	0.429319108	0.437075	0.69952017	0.228120128	-0.23986667	1.22873892	0.651020552
GNG8	CB565924_bp64_R	AGCTAAAAAGGTGAACATCGACCGCATGATCTCTTGAATCATGCGGTCGATGTTCACCTGG	Hs.283961	15381	0.525775	1.20956559	0.327910353	0.357025	0.81983206	0.370153097	-0.13023333	1.31941927	0.815140883
GNL3	NM_206825_bp1306_R	AGCTAAAAAGCTCGACAGGTAGTACTGAAATCTCTTGAATTTCAGTACTACCTGTCGAGCGG	Hs.313544	4978	-0.3175375	0.1784716	0.082356928	0.0375375	0.89145208	0.926751113				
GNL3	NM_206825_bp1306_R	AGCTAAAAAGCTCGACAGGTAGTACTGAAATCTCTTGAATTTCAGTACTACCTGTCGAGCGG	Hs.313544	10354	-0.3852375	0.17723234	0.046273355	-0.1557375	0.80161658	0.678498212				
GNL3	NM_206825_bp1306_R	AGCTAAAAAGCTCGACAGGTAGTACTGAAATCTCTTGAATTTCAGTACTACCTGTCGAGCGG	Hs.313544	15730	-0.2774125	0.13157116	0.102262916	-0.2203375	0.76639343	0.54687427				
GNL3	NM_206825_bp1456_R	AGCTAAAAAGTGCCTCAATTAGCTACTATTCCTCTCTGAAATAGTAAGCTAATGAGGCACCGG	Hs.313544	4980	-0.7705625	0.35396329	0.009365134	-0.4981625	0.82155578	0.230521783				
GNL3	NM_206825_bp1456_R	AGCTAAAAAGTGCCTCAATTAGCTACTATTCCTCTCTGAAATAGTAAGCTAATGAGGCACCGG	Hs.313544	10356	-0.7885125	0.26497577	0.004934091	-0.1839625	0.48939004	0.477967419				
GNL3	NM_206825_bp1456_R	AGCTAAAAAGTGCCTCAATTAGCTACTATTCCTCTCTGAAATAGTAAGCTAATGAGGCACCGG	Hs.313544	15732	-0.7111125	0.3297919	0.011165714	-0.0311875	0.64784992	0.920175671				
GNL3	NM_206825_bp839_R	AGCTAAAAAGTGGCTAAATTATTGAAGATCTCTTGAATCTTCAAATAATTTAGCCAGCGG	Hs.313544	4982	-0.1187625	0.17591769	0.453200876	0.72105	0.99403298	0.206419415				
GNL3	NM_206825_bp839_R	AGCTAAAAAGTGGCTAAATTATTGAAGATCTCTTGAATCTTCAAATAATTTAGCCAGCGG	Hs.313544	10358	-0.2242125	0.34561208	0.28173905	-0.8183125	0.55006618	0.02907659				
GNL3	NM_206825_bp839_R	AGCTAAAAAGTGGCTAAATTATTGAAGATCTCTTGAATCTTCAAATAATTTAGCCAGCGG	Hs.313544	15734	0.1086375	0.14341173	0.474885494	-0.4640125	0.65491507	0.185306533				
GOLT1B	NM_016072_bp314_R	AGCTAAAAAGGCATGATCTTCGAAATTTATTCTCTTGAAATAAATTTCGAAGATCATGCCGG	Hs.62275	8190	-0.5819									
GOLT1B	NM_016072_bp314_R	AGCTAAAAAGGCATGATCTTCGAAATTTATTCTCTTGAAATAAATTTCGAAGATCATGCCGG	Hs.62275	13566										
GOLT1B	NM_016072_bp314_R	AGCTAAAAAGGCATGATCTTCGAAATTTATTCTCTTGAAATAAATTTCGAAGATCATGCCGG	Hs.62275	2814										
GOLT1B	NM_016072_bp357_R	AGCTAAAAAGCTTCTTTCCTGTCGTTGTTGTCTCTTGAACAACAACGACAGGAAAGAAGCGG	Hs.62275	2818	-0.152275	0.19659024	0.35650711				0.088175	0.34580505	0.698683053
GOLT1B	NM_016072_bp357_R	AGCTAAAAAGCTTCTTTCCTGTCGTTGTTGTCTCTTGAACAACAACGACAGGAAAGAAGCGG	Hs.62275	8194	-0.432425	0.60752256	0.167578887				0.329675	0.20152241	0.138669349
GOLT1B	NM_016072_bp357_R	AGCTAAAAAGCTTCTTTCCTGTCGTTGTTGTCTCTTGAACAACAACGACAGGAAAGAAGCGG	Hs.62275	13570	0.2527	0.49885663	0.326049671				0.00605	0.29553349	0.977731889
GOLT1B	NM_016072_bp404_R	AGCTAAAAAGGATCCCCTCTAAATTTACCTCTCTTGAAAGGTAAATTTAGGAGGGATTCCGG	Hs.62275	2816	-0.12295	0.69199206	0.696187792				-0.4871	0.30072882	0.057785671
GOLT1B	NM_016072_bp404_R	AGCTAAAAAGGATCCCCTCTAAATTTACCTCTCTTGAAAGGTAAATTTAGGAGGGATTCCGG	Hs.62275	8192	-0.031	0.61234127	0.912981903				-0.13355	0.53327568	0.625297262
GOLT1B	NM_016072_bp404_R	AGCTAAAAAGGATCCCCTCTAAATTTACCTCTCTTGAAAGGTAAATTTAGGAGGGATTCCGG	Hs.62275	13568	-0.00175	0.71043052	0.995623567				-0.33995	0.35457647	0.170789215
GPR177	NM_024911_bp421_R	AGCTAAAAAGGGGACCCAATCATTGTGACATCTCTTGAATGTCACAATGATTGGGTCCCCGG	Hs.22137	2957	-1.069525	0.10891147	0.00052655				-0.3784	0.30276147	0.119692987
GPR177	NM_024911_bp421_R	AGCTAAAAAGGGGACCCAATCATTGTGACATCTCTTGAATGTCACAATGATTGGGTCCCCGG	Hs.22137	8333	-1.2177	0.11871945	0.00029749				-0.28245	0.27833855	0.216636786
GPR177	NM_024911_bp421_R	AGCTAAAAAGGGGACCCAATCATTGTGACATCTCTTGAATGTCACAATGATTGGGTCCCCGG	Hs.22137	13709	-1.15335	0.00511045	0.000290597				-0.434575	0.39502358	0.103746318
GPR177	NM_024911_bp572_R	AGCTAAAAAGGACATTGCCTTCAAGCTAAATCTCTTGAATTTAGCTTGAAGGCAATGTCCCGG	Hs.22137	2959	1.29965	1.21824758	0.044716233				0.06595	1.21613941	0.891385793
GPR177	NM_024911_bp572_R	AGCTAAAAAGGACATTGCCTTCAAGCTAAATCTCTTGAATTTAGCTTGAAGGCAATGTCCCGG	Hs.22137	8335	1.24505	1.14918088	0.043139332				0.07995	1.23392744	0.870519401
GPR177	NM_024911_bp572_R	AGCTAAAAAGGACATTGCCTTCAAGCTAAATCTCTTGAATTTAGCTTGAAGGCAATGTCCCGG	Hs.22137	13711	1.243375	1.15556192	0.044051642				0.106675	1.26186339	0.830726257
GPR177	NM_024911_bp743_R	AGCTAAAAAGGGCCGTTACTATGAATGTGATCTCTTGAATCACATTCATAGTAACGGCCCGG	Hs.22137	2955	1.40055	0.4636357	0.001428265				-0.2507	0.41554402	0.320391106
GPR177	NM_024911_bp743_R	AGCTAAAAAGGGCCGTTACTATGAATGTGATCTCTTGAATCACATTCATAGTAACGGCCCGG	Hs.22137	8331	1.392775	0.53060978	0.002210941				-0.16605	0.78740087	0.623381888
GPR177	NM_024911_bp743_R	AGCTAAAAAGGGCCGTTACTATGAATGTGATCTCTTGAATCACATTCATAGTAACGGCCCGG	Hs.22137	13707	1.4673	0.44295743	0.001008922				-0.314	0.69229676	0.338652215
GPR89A	NM_016334_bp1241_R	AGCTAAAAAGTCCTGCTATTAGCACAGATATCCTCTTGAATATCTGTGCTAATAGCAGGACGG	Hs.298284	2776	0.3378	0.36726967	0.138778764				-0.5848	0.68903014	0.099816182
GPR89A	NM_016334_bp1241_R	AGCTAAAAAGTCCTGCTATTAGCACAGATATCCTCTTGAATATCTGTGCTAATAGCAGGACGG	Hs.298284	8152	0.30655	0.29723061	0.136448819				-0.601175	0.71578206	0.099063808
GPR89A	NM_016334_bp1241_R	AGCTAAAAAGTCCTGCTATTAGCACAGATATCCTCTTGAATATCTGTGCTAATAGCAGGACGG	Hs.298284	13528	0.08	0.44370755	0.724852403				-0.342375	0.51148045	0.226169693
GPR89A	NM_016334_bp181_R	AGCTAAAAAGCGCCAATTGTTTAAAGACATCTCTTGAATGCTTTAAACAATTGGCGCGG	Hs.298284	2772	-0.62525	0.21375382	0.009535607				-0.540025	0.93059763	0.197098691
GPR89A	NM_016334_bp181_R	AGCTAAAAAGCGCCAATTGTTTAAAGACATCTCTTGAATGCTTTAAACAATTGGCGCGG	Hs.298284	8148	-0.6051	0.12006229	0.006946096				-0.5493	1.10143749	0.244496125
GPR89A	NM_016334_bp181_R	AGCTAAAAAGCGCCAATTGTTTAAAGACATCTCTTGAATGCTTTAAACAATTGGCGCGG	Hs.298284	13524	-0.61485	0.22521392	0.010853099				-0.551475	1.0220046	0.217863301
GPR89A	NM_016334_bp453_R	AGCTAAAAAGGCTGACCTTTATGTATTTCTTCTCTTGAAAGAAATACATAAAGGTCAGCCGG	Hs.298284	2774	-1.403675	0.57533612	0.002787726				-0.220475	0.61294519	0.46147263
GPR89A	NM_016334_bp453_R	AGCTAAAAAGGCTGACCTTTATGTATTTCTTCTCTTGAAAGAAATACATAAAGGTCAGCCGG	Hs.298284	8150	-0.843775	0.93589203	0.079364256				-0.21375	0.86404209	0.566382189
GPR89A	NM_016334_bp453_R	AGCTAAAAAGGCTGACCTTTATGTATTTCTTCTCTTGAAAGAAATACATAAAGGTCAGCCGG	Hs.298284	13526	-0.525575	0.43607472	0.056152364				0.398025	0.66135138	0.223610685
GPSM1	AL117478_bp1761_R	AGCTAAAAGGCATGAACTTCGACATTCCTCTCTTGAAGGAATGTCGAAGTTCATGACCCGG	Hs.239370	3872	0.066062	0.41142275	0.76028512				0.22825	0.43372272	0.37000964
GPSM1	AL117478_bp1761_R	AGCTAAAAGGCATGAACTTCGACATTCCTCTCTTGAAGGAATGTCGAAGTTCATGACCCGG	Hs.239370	9248	0.1459375	0.54740654	0.581803438				0.501825	0.3108283	0.053955502
GPSM1	AL117478_bp1761_R	AGCTAAAAGGCATGAACTTCGACATTCCTCTCTTGAAGGAATGTCGAAGTTCATGACCCGG	Hs.239370	14624	0.2517875	0.27203479	0.19115539				0.003825	0.46760211	0.987978664
GPSM1	AL117478_bp539_R	AGCTAAAAGCGACGAGGAGTGCTTCTTTGATCTCTTGAATCCAAGAAGCACTCCTCGTCCGG	Hs.239370	3870	0.3974125	0.6493393	0.218242177	0.6491925			0.20475	0.09807268	0.306408801
GPSM1	AL117478_bp539_R	AGCTAAAAGCGACGAGGAGTGCTTCTTTGATCTCTTGAATCCAAGAAGCACTCCTCGTCCGG	Hs.239370	9246	0.4101875	0.4221164	0.105784362				0.157025	0.02672394	0.41708096
GPSM1	AL117478_bp539_R	AGCTAAAAGCGACGAGGAGTGCTTCTTTGATCTCTTGAATCCAAGAAGCACTCCTCGTCCGG	Hs.239370	14622	0.5655125	0.56848045	0.077217837				0.204025	0.02620208	0.300639651
GPSM1	AL117478_bp845_R	AGCTAAAAGGGGGACGACTTCTTCAACATCTCTCTTGAATGTTGAAGAAGTCGTCCCCCGG	Hs.239370	3868							-0.72245	0.41730415	0.020403122
GPSM1	AL117478_bp845_R	AGCTAAAAGGGGGACGACTTCTTCAACATCTCTCTTGAATGTTGAAGAAGTCGTCCCCCGG	Hs.239370	9244							-0.712375	0.46297807	0.02562028
GPSM1	AL117478_bp845_R	AGCTAAAAGGGGGACGACTTCTTCAACATCTCTCTTGAATGTTGAAGAAGTCGTCCCCCGG	Hs.239370	14620	-0.2819						-0.653	0.41934454	0.030387957
GRB2	NM_002086_bp490_R	AGCTAAAAAGACGGCTTCATTCCCAAGAACTCTTCGAAGTTCTTGGGAATGAAGCCGTCGG	Hs.444356	7660	-0.0020625	0.78342705	0.908845827				-0.826025	0.64582385	0.028741641
GRB2	NM_002086_bp490_R	AGCTAAAAAGACGGCTTCATTCCCAAGAACTCTTCGAAGTTCTTGGGAATGAAGCCGTCGG	Hs.444356	13036	-0.0477875	0.89510557	0.826560178				-1.0107	0.49398383	0.006800478
GRB2	NM_002086_bp490_R	AGCTAAAAAGACGGCTTCATTCCCAAGAACTCTTCGAAGTTCTTGGGAATGAAGCCGTCGG	Hs.444356	2284	-0.1782125	0.85511285	0.570072549				-0.8383	0.36602979	0.024359953
GRB2	NM_002086_bp565_R	AGCTAAAAAGCAGAAGAAATGCTTAGCAAATCTCTTGAATTTGCTAAGCATTTCTTCTGCGG	Hs.444356	1210	-1.1749875	0.28353649	0.000830597				-0.090525	0.26658625	0.683796198
GRB2	NM_002086_bp565_R	AGCTAAAAAGCAGAAGAAATGCTTAGCAAATCTCTTGAATTTGCTAAGCATTTCTTCTGCGG	Hs.444356	6586	-1.2161625	0.3159021	0.000889799				-0.066725	0.30872053	0.77439596
GRB2	NM_002086_bp565_R	AGCTAAAAAGCAGAAGAAATGCTTAGCAAATCTCTTGAATTTGCTAAGCATTTCTTCTGCGG	Hs.444356	11962	-1.1812375	0.30544046	0.000943974				-0.050275	0.25866287	0.825278265
GRB2	NM_002086_bp599_R	AGCTAAAAAGGGCCTTTCTTATCCGAGAGATCTCTTGAATCTCTCGGATAAGAAAGGCCCGG	Hs.444356	1209	-1.4445625	0.1836474	0.000166107				-0.120875	0.33149798	0.607443302
GRB2	NM_002086_bp599_R	AGCTAAAAAGGGCCTTTCTTATCCGAGAGATCTCTTGAATCTCTCGGATAAGAAAGGCCCGG	Hs.444356	6585	-1.4902375	0.23414488	0.000199222				-0.140225	0.30923801	0.54336363
GRB2	NM_002086_bp599_R	AGCTAAAAAGGGCCTTTCTTATCCGAGAGATCTCTTGAATCTCTCGGATAAGAAAGGCCCGG	Hs.444356	11961	-1.4430375	0.21088054	0.000198861				-0.140025	0.34476171	0.556213226
GRB7	NM_005310_bp1161_R	AGCTAAAAAGCTTCGGATCTTCTGCAGTGATCTCTTGAATCACTGCAGAAGATCCGAAGCGG	Hs.86859	1207	-0.9452375	0.36403767	0.003598882				0.1683	0.40952009	0.48561158
GRB7	NM_005310_bp1161_R	AGCTAAAAAGCTTCGGATCTTCTGCAGTGATCTCTTGAATCACTGCAGAAGATCCGAAGCGG	Hs.86859	6583	-0.6495125	0.28160833	0.009747082				0.613225	0.57332955	0.060979303
GRB7	NM_005310_bp1161_R	AGCTAAAAAGCTTCGGATCTTCTGCAGTGATCTCTTGAATCACTGCAGAAGATCCGAAGCGG	Hs.86859	11959	-0.9154375	0.43567171	0.006400265				0.200025	0.38809429	0.404130786
GRB7	NM_005310_bp1236_R	AGCTAAAAAGGTGCAGCTGTACAAGAATATACTCTTGAATAATTCTTGTACAGCTGCACCGG	Hs.86859	1206	0.4906875	0.11145738	0.020994822				0.185	0.33516403	0.416828307
GRB7	NM_005310_bp1236_R	AGCTAAAAAGGTGCAGCTGTACAAGAATATACTCTTGAATAATTCTTGTACAGCTGCACCGG	Hs.86859	6582	0.9717625	0.12979662	0.010175405				0.498375	0.28631977	0.050827832
GRB7	NM_005310_bp1236_R	AGCTAAAAAGGTGCAGCTGTACAAGAATATACTCTTGAATAATTCTTGTACAGCTGCACCGG	Hs.86859	11958	0.9926625	0.10855069	0.000892107				0.3692	0.24179282	0.109593067
GRB7	NM_005310_bp1311_R	AGCTAAAAAGAGAAGTGCCTCAGATAATACTCTCTTGAAGTATTATCTGAGGCACTTCTCGG	Hs.86859	1208	0.7520875	1.18208864	0.193246465				0.444325	0.17918314	0.057276908
GRB7	NM_005310_bp1311_R	AGCTAAAAAGAGAAGTGCCTCAGATAATACTCTCTTGAAGTATTATCTGAGGCACTTCTCGG	Hs.86859	11960	0.7725875	1.40233625	0.244776262				0.683766667	0.3735716	0.047987382
GRB7	NM_005310_bp1311_R	AGCTAAAAAGAGAAGTGCCTCAGATAATACTCTCTTGAAGTATTATCTGAGGCACTTCTCGG	Hs.86859	6584	0.7412625	1.32307586	0.240205195				0.63405	0.27541809	0.121406599
GRK1	NM_002929_bp1341_R	AGCTAAAAAGCCCGTGAAGTACCCTGATATATCTCTTGAATTATCAGGGTACTTCACGGGCGG	Hs.103501	290	-1.123675	0.51028473	0.005005033	-0.5447625	0.31626763	0.034999064				
GRK1	NM_002929_bp1341_R	AGCTAAAAAGCCCGTGAAGTACCCTGATATATCTCTTGAATTATCAGGGTACTTCACGGGCGG	Hs.103501	5666	-1.0408	0.44108316	0.004583973	-0.4374375	0.30810333	0.065187118				
GRK1	NM_002929_bp1341_R	AGCTAAAAAGCCCGTGAAGTACCCTGATATATCTCTTGAATTATCAGGGTACTTCACGGGCGG	Hs.103501	11042	-1.018875	0.51629404	0.00778381	-0.4193125	0.26549199	0.060769745				
GRK1	NM_002929_bp861_R	AGCTAAAAAGTCTCTGGCCTATGCGTTTGATCTCTTGAATCAAACGCATAGGCCAGAGACGG	Hs.103501	291	-0.87395	0.03585031	0.034016117	-0.4768125	0.83168904	0.252335664				
GRK1	NM_002929_bp861_R	AGCTAAAAAGTCTCTGGCCTATGCGTTTGATCTCTTGAATCAAACGCATAGGCCAGAGACGG	Hs.103501	5667	-0.626966667	0.43802491	0.06200772	-0.4137625	0.7769806	0.28684458				
GRK1	NM_002929_bp861_R	AGCTAAAAAGTCTCTGGCCTATGCGTTTGATCTCTTGAATCAAACGCATAGGCCAGAGACGG	Hs.103501	11043	-0.593933333	0.4239436	0.068491536	-0.3512125	0.91426171	0.418928303				
GRK4	NM_182982_bp1364_R	AGCTAAAAAGGGACTTGGCTGTCTGATCTATCTCTTGAATAGATCAGACAGCCAAGTCCCGG	Hs.32959	796	-0.418066667	0.3614741	0.133272247	0.154075	0.70123178	0.646714247				
GRK4	NM_182982_bp1364_R	AGCTAAAAAGGGACTTGGCTGTCTGATCTATCTCTTGAATAGATCAGACAGCCAAGTCCCGG	Hs.32959	6172	0.1703	0.38707025	0.590401978	0.708575	0.65690217	0.06882532				
GRK4	NM_182982_bp1364_R	AGCTAAAAAGGGACTTGGCTGTCTGATCTATCTCTTGAATAGATCAGACAGCCAAGTCCCGG	Hs.32959	11548	0.2987	0.32130932	0.348533128	0.800533333	0.98027943	0.167040939				
GRK4	NM_182982_bp597_R	AGCTAAAAAGCAGCCCCTTTACCAGAAATATCTCTTGAATATTTCTGGTAAAGGGGGTGCGGG	Hs.32959	6173	2.137625	0.85000136	0.001756491	0.78485	0.54609896	0.033993491				
GRK4	NM_182982_bp597_R	AGCTAAAAAGCAGCCCCTTTACCAGAAATATCTCTTGAATATTTCTGGTAAAGGGGGTGCGGG	Hs.32959	11549	2.590125	0.69515046	0.000329745	0.84005	0.46583568	0.017672064				
GRK4	NM_182982_bp597_R	AGCTAAAAAGCAGCCCCTTTACCAGAAATATCTCTTGAATATTTCTGGTAAAGGGGGTGCGGG	Hs.32959	797	2.1678	0.58606715	0.000406424	0.277733333	0.6550169	0.456343364				
GRK4	NM_182982_bp936_R	AGCTAAAAAGTGGAGAACCATTCCACGAATATCTCTTGAATTTCGTGGAATGGTTCTCCCGG	Hs.32959	11550	0.149	0.23884172	0.391372044	0.178666667	0.39736495	0.461533244				
GRK5	NM_005308_bp682_R	AGCTAAAAAGGGAGAACCATTCCACGAATATCTCTTGAATTTCGTGGAATGGTTCTCCCGG	Hs.524625	1631	-0.7394	4.70718681	0.702034295	-5.4344	1.31946125	0.006617783				
GRK5	NM_005308_bp682_R	AGCTAAAAAGGGAGAACCATTCCACGAATATCTCTTGAATTTCGTGGAATGGTTCTCCCGG	Hs.524625	7007	-0.634275	2.39653087	0.527852807	-2.1557	1.15983156	0.205779092				
GRK5	NM_005308_bp682_R	AGCTAAAAAGGGAGAACCATTCCACGAATATCTCTTGAATTTCGTGGAATGGTTCTCCCGG	Hs.524625	12383	-0.939175	3.62321224	0.533925962	-4.44245	3.46178267	0.081674007				
GRK6	NM_002082_bp1394_R	AGCTAAAAAGCACCCCCTCTTTAAGAAGCTTCTTGAAAGCTTCTTGAAAGGTGGGTGCGGG	Hs.235116	136	-0.372833333	1.1043331	0.480442222	-0.3718875	0.23996995	0.076070168				
GRK6	NM_002082_bp1394_R	AGCTAAAAAGCACCCCCTCTTTAAGAAGCTTCTTGAAAGCTTCTTGAAAGGTGGGTGCGGG	Hs.235116	5513	-0.447633333	1.0921027	0.399367004	-0.4115375	0.20124518	0.048316343				
GRK6	NM_002082_bp1394_R	AGCTAAAAAGCACCCCCTCTTTAAGAAGCTTCTTGAAAGCTTCTTGAAAGGTGGGTGCGGG	Hs.235116	10888	-0.474933333	1.04101259	0.356040014	-0.3595375	0.1605072	0.061039533				
GRK6	NM_002082_bp1472_R	AGCTAAAAAGGCCATTTACTGCAAGGATGTTATGTCTCTTGAAACATCCTTGCAGTAAATGGCCGG	Hs.235116	137	0.0717	0.50046663	0.770429698	0.0599625	0.41643336	0.791244994				
GRK6	NM_002082_bp1472_R	AGCTAAAAAGGCCATTTACTGCAGGATGTTATGTCTCTTGAAACATCCTTGCAGTAAATGGCCGG	Hs.235116	5513	0.03545	0.53821575	0.890599565	-0.0369875	0.53730897	0.890748482				
GRK6	NM_002082_bp1472_R	AGCTAAAAAGGCCATTTACTGCAAGGATGTTATGTCTCTTGAAACATCCTTGCAGTAAATGGCCGG	Hs.235116	10889	0

GSK3A	NM_019884_bp992_R	AGCTAAAAGAGCCACTGATTACACCTCATTCTCTTGAATGAGGTGTAATCAGTGGCTCGG	Hs.466828	1824	0.347825	0.86040676	0.374466712	-0.573466667	0.77340815	0.213131213											
GSK3A	NM_019884_bp992_R	AGCTAAAAGAGCCACTGATTACACCTCATTCTCTTGAATGAGGTGTAATCAGTGGCTCGG	Hs.466828	12576	0.9186	0.20861155	0.001789934	0.446766667	0.68422795	0.272093639											
GSK3B	NM_002093_bp727_R	AGCTAAAAGTTCCGAAGTTTAGCCTATATTCTCTTGAAATATAGGCTAAACTTCGGAACGG	Hs.445733	139	1.51745	0.27287251	0.009953392	-0.9477625	0.38654379	0.007271961											
GSK3B	NM_002093_bp727_R	AGCTAAAAGTTCCGAAGTTTAGCCTATATTCTCTTGAAATATAGGCTAAACTTCGGAACGG	Hs.445733	5515	1.52765	0.35037141	0.01142114	-0.9927875	0.40772371	0.006897111											
GSK3B	NM_002093_bp727_R	AGCTAAAAGTTCCGAAGTTTAGCCTATATTCTCTTGAAATATAGGCTAAACTTCGGAACGG	Hs.445733	10891	1.817666667	0.51935867	0.002483229	-1.0316625	0.3898789	0.005338269											
GSK3B	NM_002093_bp759_R	AGCTAAAAGAATCTGCCATCGGGATATTATCTCTTGAATAATATCCCGATGGCAGATTCGG	Hs.445733	140	0.516975	0.73745462	0.159452114	-0.3932125	0.43033392	0.137647212											
GSK3B	NM_002093_bp759_R	AGCTAAAAGAATCTGCCATCGGGATATTATCTCTTGAATAATATCCCGATGGCAGATTCGG	Hs.445733	5516	0.48255	0.7057087	0.170760882	-0.4141125	0.40527827	0.111852599											
GSK3B	NM_002093_bp759_R	AGCTAAAAGAATCTGCCATCGGGATATTATCTCTTGAATAATATCCCGATGGCAGATTCGG	Hs.445733	10892	0.49325	0.70384445	0.162389337	-0.3936375	0.4258775	0.135274178											
GSK3B	NM_002093_bp902_R	AGCTAAAAGCACCAGAGTTGATCTTTGGATCTCTTGAATCCAAAGATCAACTCTGGTGCGG	Hs.445733	141	-0.0343	0.0920653	0.894862437	-0.27215	1.06723627	0.653342525											
GSK3B	NM_002093_bp902_R	AGCTAAAAGCACCAGAGTTGATCTTTGGATCTCTTGAATCCAAAGATCAACTCTGGTGCGG	Hs.445733	5517	-0.114966667	0.2515163	0.588537574	-0.35695	1.05521545	0.558867605											
GSK3B	NM_002093_bp902_R	AGCTAAAAGCACCAGAGTTGATCTTTGGATCTCTTGAATCCAAAGATCAACTCTGGTGCGG	Hs.445733	10893	-0.13055	0.27636416	0.471566665	-0.23575	0.8476089	0.644193522											
GSN	NM_000177_bp1268_R	AGCTAAAAGTCCTACCTTTCCAGCCATATTCTCTTGAAATATGGCTGGAAAGGTAGGACGG	Hs.522373	3182	0.125175	0.55565851	0.638800326				-0.230375	0.85372249	0.534021077	0.657375	1.32083557	0.392911741	0.6863	0.47125484	0.061863547		
GSN	NM_000177_bp1268_R	AGCTAAAAGTCCTACCTTTCCAGCCATATTCTCTTGAAATATGGCTGGAAAGGTAGGACGG	Hs.522373	8558	0.083975	0.53253603	0.74384979				-0.2635	0.86013602	0.481446118	0.698875	1.35214346	0.377289211	0.70775	0.47299641	0.058009062		
GSN	NM_000177_bp1268_R	AGCTAAAAGTCCTACCTTTCCAGCCATATTCTCTTGAAATATGGCTGGAAAGGTAGGACGG	Hs.522373	13934	0.03375	0.54011115	0.89606746				-0.26655	0.84155448	0.469828932	0.73345	1.3025134	0.34203391	0.74475	0.46798055	0.049985482		
GSN	NM_000177_bp2165_R	AGCTAAAAGGTCTTTGTCTGGGTTGGAAATCTCTTGAATTTCCAACCCAGACAAAGACCGG	Hs.522373	3186	-0.784425	0.28845563	0.005830974				-0.95065	0.89684799	0.038968461	-0.087025	0.38590961	0.682585923	0.13695	0.44016862	0.57785964		
GSN	NM_000177_bp2165_R	AGCTAAAAGGTCTTTGTCTGGGTTGGAAATCTCTTGAATTTCCAACCCAGACAAAGACCGG	Hs.522373	8562	-0.374125	0.41149477	0.127468493				-0.426725	0.51440734	0.144594569	-0.0575	0.38704461	0.785757636	0.148	0.41022214	0.5227174		
GSN	NM_000177_bp2165_R	AGCTAAAAGGTCTTTGTCTGGGTTGGAAATCTCTTGAATTTCCAACCCAGACAAAGACCGG	Hs.522373	13938	-0.5964	0.17207899	0.009286813				-0.712375	0.89290646	0.095523111	0.006825	0.39452726	0.974573322	0.155025	0.42413701	0.517691049		
GSN	NM_000177_bp327_R	AGCTAAAAGCCTACGTCATCCTGAAGACATCTCTTGAATGTCTTCAGGATGACGTAGGCCGG	Hs.522373	3184	-0.915925	0.22264744	0.001975627				0.592975	0.88435009	0.148801872	-0.06375	0.61903187	0.850002171	-0.19935	0.24979035	0.208733007		
GSN	NM_000177_bp327_R	AGCTAAAAGCCTACGTCATCCTGAAGACATCTCTTGAATGTCTTCAGGATGACGTAGGCCGG	Hs.522373	8560	-0.90365	0.7270946	0.032890012				0.51485	0.8351858	0.1844457	0.0118	0.52738571	0.967119384	-0.17375	0.20600761	0.190221245		
GSN	NM_000177_bp327_R	AGCTAAAAGCCTACGTCATCCTGAAGACATCTCTTGAATGTCTTCAGGATGACGTAGGCCGG	Hs.522373	13936	-1.134275	0.34341918	0.001671378				0.322075	0.87966858	0.401770702	0.01205	0.47000144	0.96232843	-0.1103	0.20513886	0.360996235		
GSTP1	NM_000852_bp323_R	AGCTAAAAGGACCTCCGCTGCAAATACATTCTCTTGAAATGTATTTGCAGCGGAGGTCCGG	Hs.523836	1204	1.5855875	0.41901747	0.000682095				0.673875	0.42979145	0.027836904								
GSTP1	NM_000852_bp323_R	AGCTAAAAGGACCTCCGCTGCAAATACATTCTCTTGAAATGTATTTGCAGCGGAGGTCCGG	Hs.523836	6580	1.5896125	0.39798359	0.000583554				0.694475	0.41252549	0.023311874								
GSTP1	NM_000852_bp323_R	AGCTAAAAGGACCTCCGCTGCAAATACATTCTCTTGAAATGTATTTGCAGCGGAGGTCCGG	Hs.523836	11956	1.6068875	0.38281878	0.000498725				0.698975	0.42359079	0.023709792								
GSTP1	NM_000852_bp486_R	AGCTAAAAGACTACAACCTGCTGGACTTATTCTCTTGAACAAGTCCAGCAGGTTGTAGTCGG	Hs.523836	1205	-1.8974125	0.18359449	4.42E-05				-0.7088	0.48164243	0.028381282								
GSTP1	NM_000852_bp486_R	AGCTAAAAGACTACAACCTGCTGGACTTATTCTCTTGAACAAGTCCAGCAGGTTGTAGTCGG	Hs.523836	6581	-1.9384125	0.1883584	3.10E-05				-0.696925	0.44936398	0.026932223								
GSTP1	NM_000852_bp486_R	AGCTAAAAGACTACAACCTGCTGGACTTATTCTCTTGAACAAGTCCAGCAGGTTGTAGTCGG	Hs.523836	11957	-1.8735125	0.09399032	3.00E-05				-0.70725	0.43332012	0.023978888								
GSTP1	NM_000852_bp623_R	AGCTAAAAGTACGTGACCTCCCCATCAATCTCTTGAATTGATGGGGAGGTTCACGTACGG	Hs.523836	2282																	
GSTP1	NM_000852_bp623_R	AGCTAAAAGTACGTGAACCTCCCCATCAATCTCTTGAATTGATGGGGAGGTTCACGTACGG	Hs.523836	7658																	
GSTP1	NM_000852_bp623_R	AGCTAAAAGTACGTGAACCTCCCCATCAATCTCTTGAATTGATGGGGAGGTTCACGTACGG	Hs.523836	13034																	
GSTZ1	NM_001513_bp547_R	AGCTAAAAGTGCCAACCCTGAAGATTGATTCCTTGAAATCAATCTTCAGGGTTGGCACGG	Hs.26403	5139	-0.3461125	0.23263033	0.07921652	-0.25835	0.29945972	0.435162589											
GSTZ1	NM_001513_bp547_R	AGCTAAAAGTGCCAACCCTGAAGATTGATTCCTTGAAATCAATCTTCAGGGTTGGCACGG	Hs.26403	10515	-0.2746125	0.19520932	0.125952546	0.1374375	0.54903305	0.62037237											
GSTZ1	NM_001513_bp547_R	AGCTAAAAGTGCCAACCCTGAAGATTGATTCCTTGAAATCAATCTTCAGGGTTGGCACGG	Hs.26403	15891	-0.1225375	0.20766637	0.457289917	-0.0193375	0.52108852	0.941396235											
GSTZ1	NM_001513_bp669_R	AGCTAAAAGCGTATGATTTCTGACCTCATTCTCTTGAAATGAGGTCAGAAATCATACGCGG	Hs.26403	5141	-0.3746625	0.11577183	0.040769551	-0.6404125	0.87709355	0.159843586											
GSTZ1	NM_001513_bp669_R	AGCTAAAAGCGTATGATTTCTGACCTCATTCTCTTGAAATGAGGTCAGAAATCATACGCGG	Hs.26403	10517	-0.4185125	0.41574784	0.098130523	-1.3657875	1.12966919	0.040401711											
GSTZ1	NM_001513_bp669_R	AGCTAAAAGCGTATGATTTCTGACCTCATTCTCTTGAAATGAGGTCAGAAATCATACGCGG	Hs.26403	15893	1.3531375	1.18808387	0.036321507	0.0112375	1.8398601	0.988869143											
GSTZ1	NM_001513_bp871_R	AGCTAAAAGTGCCTCAGGTGGCAAATGCTTCCTTGAAAGCATTTGCCACCTGAGGCACGG	Hs.26403	5143	0.6442125	0.33328602	0.016679424	0.6928	0.27181185	0.101960741											
GSTZ1	NM_001513_bp871_R	AGCTAAAAGTGCCTCAGGTGGCAAATGCTTCCTTGAAAGCATTTGCCACCTGAGGCACGG	Hs.26403	10519	0.3806125	0.15196524	0.043710165	0.6060125	0.7219489	0.124848932											
GSTZ1	NM_001513_bp871_R	AGCTAAAAGTGCCTCAGGTGGCAAATGCTTCCTTGAAAGCATTTGCCACCTGAGGCACGG	Hs.26403	15895	1.2012625	0.7336912	0.011894962	0.3879625	0.7744759	0.312889084											
GTF2I	NM_032999_bp1298_R	AGCTAAAAGAGGTGACTATTGAAGATGATTTCTTTGAAATCATCTTCAATAGTCACCTCGG	Hs.50459	2693	2.521	0.8026876	0.000561443				2.2431625	0.77472579	0.000402774								
GTF2I	NM_032999_bp1298_R	AGCTAAAAGAGGTGACTATTGAAGATGATTTCTTTGAAATCATCTTCAATAGTCACCTCGG	Hs.50459	8069	2.447525	0.84336367	0.000790414				2.2531125	0.65666298	0.000215096								
GTF2I	NM_032999_bp1298_R	AGCTAAAAGAGGTGACTATTGAAGATGATTTCTTTGAAATCATCTTCAATAGTCACCTCGG	Hs.50459	13445	2.48875	0.86456385	0.000880719				2.2609875	0.7329646	0.000372697								
GTF2I	NM_032999_bp500_R	AGCTAAAAGTGGCCTGCATTGCAGTGTATTTCTCTTGAAATACACTGCAATGCAGGCCACGG	Hs.50459	8067	1.622325	0.57876157	0.001410704				-0.4889375	0.66945152	0.183524363								
GTF2I	NM_032999_bp500_R	AGCTAAAAGTGGCCTGCATTGCAGTGTATTTCTCTTGAAATACACTGCAATGCAGGCCACGG	Hs.50459	13443	1.439816667	0.74802008	0.01300584				-0.3496125	0.75151714	0.374994606								
GTF2I	NM_032999_bp500_R	AGCTAAAAGTGGCCTGCATTGCAGTGTATTTCTCTTGAAATACACTGCAATGCAGGCCACGG	Hs.50459	2691	1.718283333	0.74906959	0.007394211				0.064383333	0.46425255	0.723436276								
GTBPB	CR642891_bp1678_R	AGCTAAAAGCCTTTGAACTAAAGTTAATATCTCTTGAATATTAACTTTAGTTCAAAGGCGG	Hs.127496	4725	-0.605733333	0.36691531	0.053672902	-0.573866667	0.25781882	0.055506716	-0.13623333	0.51724813	0.662928934								
GTBPB	CR642891_bp1678_R	AGCTAAAAGCCTTTGAACTAAAGTTAATATCTCTTGAATATTAACTTTAGTTCAAAGGCGG	Hs.127496	15477	-0.952133333	0.21959973	0.007172701	-0.679166667	0.18549292	0.027968022	0.391433333	0.19592872	0.160424916								
GTBPB	CR642891_bp1678_R	AGCTAAAAGCCTTTGAACTAAAGTTAATATCTCTTGAATATTAACTTTAGTTCAAAGGCGG	Hs.127496	10101	0.027666667	1.15028152	0.959211072	-0.082733333	0.51896147	0.786256155	0.3656										
GTBPB	CR642891_bp1719_R	AGCTAAAAGCCACTAACCTATTCATGTAATCTCTTGAATTACATGAATAGGTTAGTGGCGG	Hs.127496	4727	-0.48195	0.60647666	0.131640864	-0.382525	0.46440363	0.162749992	-0.52813333	0.91924818	0.246102307								
GTBPB	CR642891_bp1719_R	AGCTAAAAGCCACTAACCTATTCATGTAATCTCTTGAATTACATGAATAGGTTAGTGGCGG	Hs.127496	10103	-0.68735	0.12911825	0.004218009	-0.11925	0.51275825	0.650459767	-0.1148	0.74320221	0.757512678								
GTBPB	CR642891_bp1719_R	AGCTAAAAGCCACTAACCTATTCATGTAATCTCTTGAATTACATGAATAGGTTAGTGGCGG	Hs.127496	15479	-0.5423	0.50007787	0.108266833	-0.393			-0.21145	0.07261987	0.534285585								
GTBPB	CR642891_bp43_R	AGCTAAAAGCGGGAAGACTCTTTGAAATGTCTCTTGAACATTTCAAAGAGTCTTCCCGCGG	Hs.127496	4723	-0.796725	0.13152955	0.00223735	-0.115775	0.47582836	0.642931081	-0.45336667	0.17719059	0.112251763								
GTBPB	CR642891_bp43_R	AGCTAAAAGCGGGAAGACTCTTTGAAATGTCTCTTGAACATTTCAAAGAGTCTTCCCGCGG	Hs.127496	10099	-0.6442	0.13115707	0.020577867	-0.0906	0.32968758	0.64981993	-0.75516667	0.45850534	0.042960864								
GTBPB	CR642891_bp43_R	AGCTAAAAGCGGGAAGACTCTTTGAAATGTCTCTTGAACATTTCAAAGAGTCTTCCCGCGG	Hs.127496	15475	0.1821	0.43938536	0.498039719	-0.5315	0.21526502	0.059663526	0.092166667	1.03930407	0.842069309								
GUCY1A3	BX647200_bp1959_R	AGCTAAAAGCTGGCGTCGTTGGAGTTAAATCTCTTGAATTTAACTCCAACGACGCCAGCGG	Hs.620527	15150	-0.2881	1.38184557	0.622571815	-0.1984	0.16991468	0.23975027	-0.0636	0.29302165	0.809927686								
GUCY1A3	BX647200_bp1959_R	AGCTAAAAGCTGGCGTCGTTGGAGTTAAATCTCTTGAATTTAACTCCAACGACGCCAGCGG	Hs.620527	4398	0.2542	0.06165971	0.362043786	-0.0782	0.12623383	0.600493018	-0.1565										
GUCY1A3	BX647200_bp1959_R	AGCTAAAAGCTGGCGTCGTTGGAGTTAAATCTCTTGAATTTAACTCCAACGACGCCAGCGG	Hs.620527	9774	-0.386633333	0.97005906	0.418259947	-0.6483	0.1330725	0.027887681	0.08265	0.08662058	0.804133746								
GUCY1A3	BX647200_bp2497_R	AGCTAAAAGTGGGAGTATTTCATTATATTCTCTTGAAATATAATAGAAAATACTCCCACGG	Hs.620527	4400	0.199925	0.8566389	0.598161663	-0.6481	0.20627168	0.010619156	0.5027	1.34002418	0.390393673								
GUCY1A3	BX647200_bp2497_R	AGCTAAAAGTGGGAGTATTTCATTATATTCTCTTGAAATATAATAGAAAATACTCCCACGG	Hs.620527	9776	0.2183	0.72964893	0.556609793	-0.503325	0.39286168	0.063874034	0.4768	0.27038208	0.111205264								
GUCY1A3	BX647200_bp2497_R	AGCTAAAAGTGGGAGTATTTCATTATATTCTCTTGAAATATAATAGAAAATACTCCCACGG	Hs.620527	15152	0.28975	0.75064047	0.403552734	-0.44895	0.40453028	0.091272361	0.8022	0.4824782	0.037395909								
GUCY1A3	BX647200_bp3943_R	AGCTAAAAGACGACTGATTGACTCAATAATCTCTTGAATTATTGAGTCAAAGTCAGTCGGG	Hs.620527	4402	-0.109666667	0.58592649	0.722013357	0.422575	0.29649936	0.055709195	1.33										
GUCY1A3	BX647200_bp3943_R	AGCTAAAAGACGACTGATTGACTCAATAATCTCTTGAATTATTGAGTCAAAGTCAGTCGGG	Hs.620527	9778	-0.471	0.75054427	0.198160801	0.359375	0.31718769	0.112910033	0.7451										
GUCY1A3	BX647200_bp3943_R	AGCTAAAAGACGACTGATTGACTCAATAATCTCTTGAATTATTGAGTCAAAGTCAGTCGGG	Hs.620527	15154	-0.5707	0.80358509	0.150537844	0.328275	0.30301464	0.132249849	0.7256										
GUCY2C	NM_004963_bp1451_R	AGCTAAAAGGTCCCACATTCCTCCTGAAATCTCTTGAATTTACGAGGAGAATGTGGGACCGG	Hs.542778	358	-0.7082125	0.65496943	0.054975499	-0.089966667	0.67670016	0.806336171											
GUCY2C	NM_004963_bp1451_R	AGCTAAAAGGTCCCACATTCCTCCTGAAATCTCTTGAATTTACGAGGAGAATGTGGGACCGG	Hs.542778	5734	-0.794725	1.17498822	0.153144262	-0.081133333	1.59186239	0.915883503											
GUCY2C	NM_004963_bp1451_R	AGCTAAAAGGTCCCACATTCCTCCTGAAATCTCTTGAATTTACGAGGAGAATGTGGGACCGG	Hs.542778	11110	-1.2151	0.65256328	0.00776785	-1.523433333	0.64176585	0.013194215											
GUCY2C	NM_004963_bp2496_R	AGCTAAAAGCCGGAACTATATGAGGAAGTTCTCTTGAAACTTCCTCATATAGTTCCGGCGG	Hs.542778	1571	-0.1251	0.48780097	0.607825011	1.906533333	0.95269316	0.017491682											
GUCY2C	NM_004963_bp2496_R	AGCTAAAAGCCGGAACTATATGAGGAAGTTCTCTTGAAACTTCCTCATATAGTTCCGGCGG	Hs.542778	6947	-0.031875	0.39453317	0.879592137	1.8363	1.05899576	0.025721196											
GUCY2C	NM_004963_bp2496_R	AGCTAAAAGCCGGAACTATATGAGGAAGTTCTCTTGAAACTTCCTCATATAGTTCCGGCGG	Hs.542778	12323	-0.01525	0.25841258	0.929269525	1.964466667	0.99800915	0.018040273											
GUCY2C	NM_004963_bp676_R	AGCTAAAAGGACTAGCGTTTCCTATTTTCTCTCTTGAAGAAATAAGGAAACGCTAGCCTCGG	Hs.542778	359	0.9443	0.7972207	0.036785294	1.54635	2.81251722	0.329448251											
GUCY2C	NM_004963_bp676_R	AGCTAAAAGGACTAGCGTTTCCTATTTTCTCTCTTGAAGAAATAAGGAAACGCTAGCCTCGG	Hs.542778	5735	0.765975	0.92674941	0.100396964	1.4324	2.07961928	0.205783153											
GUCY2C	NM_004963_bp676_R	AGCTAAAAGGACTAGCGTTTCCTATTTTCTCTCTTGAAGAAATAAGGAAACGCTAGCCTCGG	Hs.542778	11111	0.693575	1.15734969	0.196513017	1.182633333	2.17319482	0.29585646											
GUCY2D	NM_000180_bp1719_R	AGCTAAAAGCCCCAACATGGTGTCTATGTCTCTTGAACATAGACACCAATGTTGGGGCGG	Hs.309958	83	-0.847475	0.24376034	0.003171185	0.1425625	0.48967082	0.578013176											
GUCY2D	NM_000180_bp1719_R	AGCTAAAAGCCCCAACATGGTGTCTATGTCTCTTGAACATAGACACCAATGTTGGGGCGG	Hs.309958	5459	-0.82	0.18134187	0.002534653	0.1446375	0.47262224	0.563488231											
GUCY2D	NM_000180_bp1719_R	AGCTAAAAGCCCCAACATGGTGTCTATGTCTCTTGAACATAGACACCAATGTTGGGGCGG	Hs.309958	10835	-0.736225	0.26900873	0.006740014	0.1798625	0.5063354	0.497188859											
GUCY2D	NM_000180_bp2542_R	AGCTAAAAGTGGAGCAGTACTCTAGTAATCTCTTGAATTACTAGAGTACTGCTCCAGCGG	Hs.309958	1541	-0.31225	0.35601779	0.159027913	-0.1181125	0.23108228	0.496038765											
GUCY2D	NM_000180_bp2542_R	AGCTAAAAGTGGAGCAGTACTCTAGTAATCTCTTGAATTACTAGAGTACTGCTCCAGCGG	Hs.309958	6917	-0.468725	0.42567699	0.075124426	-0.0397125	0.2592493	0.82239384											
GUCY2D	NM_000180_bp2542_R	AGCTAAAAGTGGAGCAGTACTCTAGTAATCTCTTGAATTACTAGAGTACTGCTCCAGCGG	Hs.309958	12293	-0.2918	0.433034	0.226163306	-0.1386125	0.36187449	0.514746389											
GUCY2D	NM_000180_bp2689_R	AGCTAAAAGCCCGGAGTACTTTGAGCAAGTTCTCTTGAAACTTGCTCAAAGTACTCGGGCGG	Hs.309958	84	-0.395125	0.36299454	0.093033861	-0.0260125	0.22586877	0.878647089											
GUCY2D	NM_000180_bp2689_R	AGCTAAAAGCCCGGAGTACTTTGAGCAAGTTCTCTTGAAACTTGCTCAAAGTACTCGGGCGG	Hs.309958	5460	-0.341225	0.42320371	0.162592697	0.1836375	0.21505956	0.297897383											
GUCY2D	NM_000180_bp2689_R	AGCTAAAAGCCCGGAGTACTTTGAGCAAGTTCTCTTGAAACTTGCTCAAAGTACTCGGGCGG	Hs.309958	10836	-0.378675	0.35704622	0.10153523	0.0976875	0.26028122	0.587070185											
GUCY2F	NM_001522_bp1151_R	AGCTAAAAGCTCTACAGTTTACCTTATAATCTCTTGAATTATAAGGTAAACTGTAGAGCGG	Hs.123074	42	-0.6115	0.48514656	0.043484756	0.3963125	0.43829599	0.138911538											
GUCY2F	NM_001522_bp1151_R	AGCTAAAAGCTCTACAGTTTACCTTATAATCTCTTGAATTATAAGGTAAACTGTAGAGCGG	Hs.123074	5418	-0.5575	0.50239851	0.062318626	0.4453125	0.484672	0.124600518											
GUCY2F	NM_001522_bp1151_R	AGCTAAAAGCTCTACAGTTTACCTTATAATCTCTTGAATTATAAGGTAAACTGTAGAGCGG	Hs.123074	10794	-0.55255	0.48062768	0.058468533	0.4714875	0.39168734	0.076147603											
GUCY2F	NM_001522_bp2219_R	AGCTAAAAGAAACTTGACTGGATGTTTAATCTCTTGAATTTAAGACATCCAGTCAAGTTTCGG	Hs.123074	43	-0.228175	0.25947418	0.221924268	-0.1837875	0.10317242	0.239807781											
GUCY2F	NM_001522_bp2219_R	AGCTAAAAGAAACTTGACTGGATGTTTAATCTCTTGAATTTAAGACATCCAGTCAAGTTTCGG	Hs.123074	5419	-0.26725	0.21196619	0.140919566	-0.1536875	0.07973093	0.30583276											
GUCY2F	NM_001522_bp2219_R	AGCTAAAAGAAACTTGACTGGATGTTTAATCTCTTGAATTTAAGACATCCAGTCAAGTTTCGG	Hs.123074	10795	-0.20945	0.22370025	0.235882225	-0.0991625	0.11923152	0.507770147											
H2AFX	BM917453_bp703_R	AGCTAAAAGACCTAACGCTCGTCTTTAAATCTCTTGAATTTAAAGACGAGCGTTAGGTCGG	Hs.477879	4491	0.114775	0.50744551	0.645874904	-0.504175	0.53429706	0.109738201	-1.0927	1.3991234	0.105130692								
H2AFX	BM917453_bp703_R	AGCTAAAAGACCTAACGCTCGTCTTTAAATCTCTTGAATTTAAAGACGAGCGTTAGGTCGG	Hs.477879	9867	0.03525	0.51728158	0.888115755	-0.5863	0.42978563	0.04822622	-1.13593333	1.43794345	0.100934076								
H2AFX	BM917453_bp703_R	AGCTAAAAGACCTAACGCTCGTCTTTAAATCTCTTGAATTTAAAGACGAGCGTTAGGTCGG	Hs.477879	15243	0.463825	0.06623868	0.016864448	-0.425	0.60470758	0.194047529	-1.18	2.11778481	0.214155166								
H2AFX	BM917453_bp79_R	AGCTAAAAGGGCGTCTGTTCTAGTGTTTGTCTCTTGAACAAACACTAGAACAGACGCCCCGG	Hs.477879	4493	0.823475	0.78168308	0.054022816	0.11055	0.66936272	0.731114298	0.788833333	0.54446312	0.046254036								
H2AFX	BM917453_bp79_R	AGCTAAAAGGGCGTCTGTTCTAGTGTTTGTCTCTTGAACAAACACTAGAACAGACGCCCCGG	Hs.477879	9869	0.872125	0.45959562	0.010373557	0.043275	0.39041635	0.815840444	0.450066667	0.7071644	0.244882269								
H2AFX	BM917453_bp79_R	AGCTAAAAGGGCGTCTGTTCTAGTGTTTGTCTCTTGAACAAACACTAGAACAGACGCCCCGG	Hs.477879	15245	0.703025	0.88183261	0.111632153	0.2191	0.59933642	0.468089136	0.109233333	0.47474808	0.717130451								
HAPIP	NM_007064_bp3104_R	AGCTAAAAGCCGTTTCTCTATAGTAAAGATCTCTTGAATCTTTACTATAGAGAAACGGCGG	Hs.162189	557	-0.5532	0.31048379	0.025702831	-1.5581	3.17095942	0.334685114											
HAPIP	NM_007064_bp3104_R	AGCTAAAAGCCGTTTCTCTATAGTAAAGATCTCTTGAATCTTTACTATAGAGAAACGGCGG	Hs.162189	5933	-1.195275	0.65393159	0.008362407	-2.273433333	3.51149535	0.224253262											
HAPIP	NM_007064_bp3104_R	AGCTAAAAGCCGTTTCTCTATAGTAAAGATCTCTTGAATCTTTACTATAGAGAAACGGCGG	Hs.162189	11309	-1.4082	0.67067528	0.004596909	-2.325333333	3.39292459	0.203809233											
HAPIP	NM_007064_bp3420_R	AGCTAAAAGGTTGCACATTTGGACATAAATCTCTTGAATTTATGTCCAAATGTGCAACCGG	Hs.162189	558	-1.106575	0.75478872	0.01782782	-0.504233333	1.39049212	0.474367154											
HAPIP	NM_007064_bp3420_R	AGCTAAAAGGTTGCACATTTGGACATAAATCTCTTGAATTTATGTCCAAATGTGCAACCGG	Hs.162189	5934	-1.215025	0.70504165	0.00998939	-1.1994	0.80267467	0.044035157											
HAPIP	NM_007064_bp3420_R	AGCTAAAAGGTTGCACATTTGGACATAAATCTCTTGAATTTATGTCCAAATGTGCAACCGG	Hs.162189	11310	-0.992575	0.51400703	0.008547482	-1.3025	0.69422045	0.025262051											
HAPIP	NM_007064_bp883_R	AGCTAAAAGAGGGCTTCATGAAGAGAATATCTCTTGAATATTCTCTTCATGAAGCCCTCGG	Hs.162189	559	-0.239525	1.12738519	0.620819997	0.8221	0.80751594	0.17439615											
HAPIP	NM_007064_bp883_R	AGCTAAAAGAGGGCTTCATGAAGAGAATATCTCTTGAATATTCTCTTCATGAAGCCCTCGG	Hs.162189	5935	-0.340775	0.77571115	0.344479819	0.015166667	0.89688362	0.973563547											
HAPIP	NM_007064_bp883_R	AGCTAAAAGAGGGCTTCATGAAGAGAATATCTCTTGAATATTCTCTTCATGAAGCCCTCGG	Hs.162189	11311	-0.521175	0.693607	0.140276728	0.136533333	0.8443285	0.755539539											
HAT1	NM_003642_bp1106_R	AGCTAAAAGAAGACTAATTAGCCCATATATCTCTTGAATATATGGGCTAATTAGTCTTCGG	Hs.298250	1203	0.9218625	1.7698601	0.260593138				-0.8708	0.42072854	0.062850895								
HAT1	NM_003642_bp1106_R	AGCTAAAAGAAGACTAATTAGCCCATATATCTCTTGAATATATGGGCTAATTAGTCTTCGG	Hs.298250	6579	1.3164375	2.25401302	0.206633312				-0.71055	0.46845824	0.111306141								
HAT1	NM_003642_bp1106_R	AGCTAAAAGAAGACTAATTAGCCCATATATCTCTTGAATATATGGGCTAATTAGTCTTCGG	Hs.298250	11955	1.1343125	1.90963375	0.203710959				-0.7362	0.53655263

HDAC11	NM_024827_bp547_R	AGCTAAAAGCTACCATCATTGATCTTGATTCTCTTGAAATCAAGATCAATGATGGTAGCGG	Hs.404802	3094	-1.590725	0.26813104	0.00020459	-0.63855	0.8868969	0.125410216	-0.07125	0.52088808	0.802138231	-0.149375	0.31190197	0.408808235
HDAC11	NM_024827_bp547_R	AGCTAAAAGCTACCATCATTGATCTTGATTCTCTTGAAATCAAGATCAATGATGGTAGCGG	Hs.404802	8470	-1.611325	0.28382137	0.000214796	-0.6288	0.88668704	0.113022352	0.00585	0.44218661	0.98055257	-0.0991	0.33511371	0.559832251
HDAC11	NM_024827_bp547_R	AGCTAAAAGCTACCATCATTGATCTTGATTCTCTTGAAATCAAGATCAATGATGGTAGCGG	Hs.404802	13846	-1.57585	0.27225582	0.000220278	-0.6251	0.80895363	0.111632937	0.0536	0.52349168	0.85085141	-0.053725	0.38381262	0.797706151
HDAC2	NM_001527_bp318_R	AGCTAAAAGACCCATAACTTGCTGTTAAATCTCTTGAATTTAACAGCAAGTTATGGGTCGG	Hs.3352	3078	-1.67015	0.16085361	8.06E-05	-0.233725	0.40292229	0.346301358	0.37805	0.34955717	0.119235956	0.249525	0.28272554	0.175723904
HDAC2	NM_001527_bp318_R	AGCTAAAAGACCCATAACTTGCTGTTAAATCTCTTGAATTTAACAGCAAGTTATGGGTCGG	Hs.3352	8454	-1.69425	0.20687952	9.96E-05	-0.47275	0.32263123	0.067383584	0.420525	0.35604354	0.099200976	0.377375	0.31888499	0.098785964
HDAC2	NM_001527_bp318_R	AGCTAAAAGACCCATAACTTGCTGTTAAATCTCTTGAATTTAACAGCAAGTTATGGGTCGG	Hs.3352	13830	-1.69095	0.26664646	0.000150948	-0.258875	0.49025137	0.338212038	0.47545	0.39126299	0.093302109	0.412275	0.2937771	0.067475863
HDAC2	NM_001527_bp789_R	AGCTAAAAGACGGTATCATTCCATAAATATCTCTTGAATATTTATGGAATGATACCGTCGG	Hs.3352	3074	-0.654025	0.76809521	0.099324414	-0.2718	0.74195618	0.423156564	0.7364	0.40848417	0.036619056	-0.047675	0.86008061	0.918726747
HDAC2	NM_001527_bp789_R	AGCTAAAAGACGGTATCATTCCATAAATATCTCTTGAATATTTATGGAATGATACCGTCGG	Hs.3352	8450	-0.5711	0.19843896	0.012582372	0.05455	1.20320751	0.909235391	0.6106	0.37490468	0.047225702	-0.10875	0.88621736	0.821958774
HDAC2	NM_001527_bp789_R	AGCTAAAAGACGGTATCATTCCATAAATATCTCTTGAATATTTATGGAATGATACCGTCGG	Hs.3352	13826	-0.34195	0.21430356	0.076354046	0.056675	0.59532541	0.843925221	0.727575	0.41880818	0.040214964	0.00705	0.93858881	0.988957397
HDAC2	NM_001527_bp920_R	AGCTAAAAGCAGATATTTAAGCCTATTATCTCTTGAATAAATAGGCTTAAATATCTGCCGG	Hs.3352	3076	0.105575	0.31632574	0.578880721	0.461125	0.82032786	0.201579246	0.54645	0.38079462	0.064047645	0.623875	0.13094967	0.000978368
HDAC2	NM_001527_bp920_R	AGCTAAAAGCAGATATTTAAGCCTATTATCTCTTGAATAAATAGGCTTAAATATCTGCCGG	Hs.3352	8452	0.319175	0.16815149	0.578429317	0.27655	0.96393786	0.497314598	0.644125	0.47732403	0.073854785	0.8484	0.2090004	0.003906558
HDAC2	NM_001527_bp920_R	AGCTAAAAGCAGATATTTAAGCCTATTATCTCTTGAATAAATAGGCTTAAATATCTGCCGG	Hs.3352	13828	0.22745	0.3263762	0.263541538	0.2623	0.84661549	0.478473854	0.667325	0.43323651	0.054108352	0.90285	0.19949928	0.002848364
HDAC3	NM_003883_bp1018_R	AGCTAAAAGGAGCTTCCCTATAGTGAATATCTCTTGAATATTCACTATAGGGAAGCTCCGG	Hs.519632	1187	0.3405125	0.30550762	0.14547598	0.7777	0.5169167	0.005976365						
HDAC3	NM_003883_bp1018_R	AGCTAAAAGGAGCTTCCCTATAGTGAATATCTCTTGAATATTCACTATAGGGAAGCTCCGG	Hs.519632	6563	0.3462625	0.29108771	0.13280045	0.774925	0.19550402	0.006564205						
HDAC3	NM_003883_bp1018_R	AGCTAAAAGGAGCTTCCCTATAGTGAATATCTCTTGAATATTCACTATAGGGAAGCTCCGG	Hs.519632	11939	0.3444375	0.21708518	0.103850089	0.737225	0.16606277	0.007674006						
HDAC3	NM_003883_bp1052_R	AGCTAAAAGCCCCAGACTTCACACTTCATTCTCTTGAATTGAAGTGTGAAGTGCTGGGCCGG	Hs.519632	1186	0.2938125	0.39810058	0.258622558	-0.089	0.63176612	0.775853724						
HDAC3	NM_003883_bp1052_R	AGCTAAAAGCCCCAGACTTCACACTTCATTCTCTTGAATTGAAGTGTGAAGTGCTGGGCCGG	Hs.519632	6562	0.2133625	0.37496941	0.407129234	-0.103675	0.62967712	0.738325309						
HDAC3	NM_003883_bp1052_R	AGCTAAAAGCCCCAGACTTCACACTTCATTCTCTTGAATTGAAGTGTGAAGTGCTGGGCCGG	Hs.519632	11938	0.2609625	0.37924313	0.305098217	-0.08315	0.61861438	0.788291977						
HDAC3	NM_003883_bp619_R	AGCTAAAAGACGGTGTCCTTCCACAAATATCTCTTGAATATTTGTGGAAGGACACCGTCGG	Hs.519632	1185	1.5532375	0.46409745	0.001015403	0.386175	0.78701842	0.283629509						
HDAC3	NM_003883_bp619_R	AGCTAAAAGACGGTGTCCTTCCACAAATATCTCTTGAATATTTGTGGAAGGACACCGTCGG	Hs.519632	6561	1.5692125	0.29598735	0.000302712	0.699925	0.33017992	0.016729421						
HDAC3	NM_003883_bp619_R	AGCTAAAAGACGGTGTCCTTCCACAAATATCTCTTGAATATTTGTGGAAGGACACCGTCGG	Hs.519632	11937	1.4699625	0.41032239	0.009922713	0.484375	0.55210618	0.115994759						
HDAC4	NM_006037_bp1640_R	AGCTAAAAGTCCGTTGGATGTCACAGACTTCTCTTGAAAGTCTGTGACATCCAACGGACGG	Hs.20516	1184	1.0922875	0.65560039	0.013871458	0.687975	0.442256	0.027022871						
HDAC4	NM_006037_bp1640_R	AGCTAAAAGTCCGTTGGATGTCACAGACTTCTCTTGAAAGTCTGTGACATCCAACGGACGG	Hs.20516	6560	1.0710375	0.62938984	0.013265417	0.66625	0.46480322	0.033039325						
HDAC4	NM_006037_bp1640_R	AGCTAAAAGTCCGTTGGATGTCACAGACTTCTCTTGAAAGTCTGTGACATCCAACGGACGG	Hs.20516	11936	1.1112375	0.72904635	0.017957909	0.670575	0.45651076	0.0312157						
HDAC4	NM_006037_bp3124_R	AGCTAAAAGTGGTAGAGCTGGTCTTCAAGTCTCTTGAACTTGAAGACCAGCCTCACCACGG	Hs.20516	2252	2.3121625	1.09603486	0.003635962	2.01135	0.65620476	0.000418465						
HDAC4	NM_006037_bp3124_R	AGCTAAAAGTGGTAGAGCTGGTCTTCAAGTCTCTTGAACTTGAAGACCAGCCTCACCACGG	Hs.20516	7628	2.0806125	1.29055682	0.010647643	1.94885	0.82710148	0.001138604						
HDAC4	NM_006037_bp3124_R	AGCTAAAAGTGGTAGAGCTGGTCTTCAAGTCTCTTGAACTTGAAGACCAGCCTCACCACGG	Hs.20516	13004	1.7802875	1.12674337	0.021514101	1.98525	0.89653747	0.010407868						
HDAC4	NM_006037_bp3832_R	AGCTAAAAGTCCGTTCCATGGAGAAAGTCTCTCTTGAAGACTTTCTCCATGGAACGGACGG	Hs.20516	2250	-0.5736125	0.3330635	0.020539363	-0.2103	0.58190408	0.47660863						
HDAC4	NM_006037_bp3832_R	AGCTAAAAGTCCGTTCCATGGAGAAAGTCTCTCTTGAAGACTTTCTCCATGGAACGGACGG	Hs.20516	7626	-0.6135125	0.43582658	0.02817832	-0.12785	0.66174909	0.687067305						
HDAC4	NM_006037_bp3832_R	AGCTAAAAGTCCGTTCCATGGAGAAAGTCTCTCTTGAAGACTTTCTCCATGGAACGGACGG	Hs.20516	13002	-0.5847625	0.42002201	0.030492332	-0.19795	0.60341211	0.510681632						
HDAC5	NM_139205_bp2099_R	AGCTAAAAGAGGATTGCATCCAGGTTAAGTCTCTTGAACTTAACCTGGTATGCAATCCTCGG		1183	2.1817125	1.62328422	0.020220246	-0.083775	1.43256712	0.885752533						
HDAC5	NM_139205_bp2099_R	AGCTAAAAGAGGATTGCATCCAGGTTAAGTCTCTTGAACTTAACCTGGTATGCAATCCTCGG		6559	2.3286625	1.81352576	0.023435017	-0.05195	1.60926461	0.937832846						
HDAC5	NM_139205_bp2099_R	AGCTAAAAGAGGATTGCATCCAGGTTAAGTCTCTTGAACTTAACCTGGTATGCAATCCTCGG		11935	2.3267875	1.88603679	0.026899909	-0.187325	1.56077199	0.760787165						
HDAC5	NM_139205_bp2498_R	AGCTAAAAGCAGGAGAGCTCAAGAATGGATCTCTTGAATCCATTCTTGAGCTCTCCTGCGG		2248	-0.1117375	0.45823374	0.526947061	-0.21895	0.83251998	0.552720235						
HDAC5	NM_139205_bp2498_R	AGCTAAAAGCAGGAGAGCTCAAGAATGGATCTCTTGAATCCATTCTTGAGCTCTCCTGCGG		7624	0.0033625	0.29375274	0.850376354	0.397775	1.10147391	0.381725301						
HDAC5	NM_139205_bp2498_R	AGCTAAAAGCAGGAGAGCTCAAGAATGGATCTCTTGAATCCATTCTTGAGCTCTCCTGCGG		13000	0.1111875	0.57667375	0.787535074	0.44085	0.67765638	0.186058421						
HDAC6	NM_006044_bp2407_R	AGCTAAAAGGCCGCATTATCCTTATCCTATCTCTTGAATAGGATAAGGATAATGCGGCCGG	Hs.6764	3080	-0.807925	1.16779082	0.14587282	-0.326375	1.44580752	0.566289942	0.589825	0.46945582	0.086723496	-0.226225	0.30629078	0.236130724
HDAC6	NM_006044_bp2407_R	AGCTAAAAGGCCGCATTATCCTTATCCTATCTCTTGAATAGGATAAGGATAATGCGGCCGG	Hs.6764	8456	-0.567725	0.50724188	0.104215688	-0.1197	1.41312514	0.260215658	0.566925	0.31730896	0.037463297	-0.083725	0.2762758	0.851087159
HDAC6	NM_006044_bp2407_R	AGCTAAAAGGCCGCATTATCCTTATCCTATCTCTTGAATAGGATAAGGATAATGCGGCCGG	Hs.6764	13832	-0.620575	0.45851953	0.036639469	-0.01685	0.95780427	0.673864906	0.656725	0.32096036	0.026381492	-0.034675	0.30100509	0.832602129
HDAC6	NM_006044_bp3383_R	AGCTAAAAGCCTCACTGATCAGGCCATATTCTCTTGAAATATGGCCTGATCAGTGAGGCCGG	Hs.6764	3082	-0.728525	0.24547982	0.066114157	-1.08545	0.89561187	0.023691814	0.279475	0.44589489	0.298804476	0.23155	0.49137307	0.415485123
HDAC6	NM_006044_bp3383_R	AGCTAAAAGCCTCACTGATCAGGCCATATTCTCTTGAAATATGGCCTGATCAGTGAGGCCGG	Hs.6764	8458	-1.15635	0.27263291	0.010454189	-1.087375	1.01045619	0.036804493	0.2626	0.32982798	0.209597138	0.19005	0.39776160	0.409773123
HDAC6	NM_006044_bp3383_R	AGCTAAAAGCCTCACTGATCAGGCCATATTCTCTTGAAATATGGCCTGATCAGTGAGGCCGG	Hs.6764	13834	-1.195125	0.16344464	0.000407667	-0.6749	0.88171371	0.107689822	0.41605	0.49102013	0.188716904	0.258575	0.44384192	0.328174256
HDAC6	NM_006044_bp892_R	AGCTAAAAGACCCCAGTGTCCTCTATTTCTCTCTTGAAGAAATAGAGGACACTGGGGTCGG	Hs.6764	3084	-1.79715	0.24401121	9.60E-05	0.1091	0.23289985	0.600952967	-0.3604	0.65994901	0.354604517	0.21045	0.40241399	0.372439937
HDAC6	NM_006044_bp892_R	AGCTAAAAGACCCCAGTGTCCTCTATTTCTCTCTTGAAGAAATAGAGGACACTGGGGTCGG	Hs.6764	8460	-1.749625	0.17590786	7.02E-05	0.106075	0.20454255	0.603863513	-0.303975	0.6274835	0.404075698	0.297225	0.39375661	0.228207472
HDAC6	NM_006044_bp892_R	AGCTAAAAGACCCCAGTGTCCTCTATTTCTCTCTTGAAGAAATAGAGGACACTGGGGTCGG	Hs.6764	13836	-1.740375	0.19685931	8.20E-05	0.084775	0.20408963	0.677008548	-0.226625	0.53550979	0.45950669	0.360325	0.41217149	0.178709603
HDACTA	NM_015401_bp2148_R	AGCTAAAAGTCACTGACCTCGCCTTCAAATCTCTTGAATTTGAAGGCGAGGTCAGTGACGGG	Hs.200063	3136	-0.95	0.30982787	0.01040182	0.8526	1.04530101	0.110284338	0.20525	0.26934479	0.224885313	0.227175	0.61537914	0.513830419
HDACTA	NM_015401_bp2148_R	AGCTAAAAGTCACTGACCTCGCCTTCAAATCTCTTGAATTTGAAGGCGAGGTCAGTGACGGG	Hs.200063	8512	-0.7268	0.13602279	0.014341749	0.707666667	0.63460279	0.121232262	0.181	0.40195884	0.434182329	0.168	0.66920393	0.650140271
HDACTA	NM_015401_bp2148_R	AGCTAAAAGTCACTGACCTCGCCTTCAAATCTCTTGAATTTGAAGGCGAGGTCAGTGACGGG	Hs.200063	13888	-0.963475	0.33135659	0.003181968	0.5148	0.91095064	0.209515954	0.270175	0.2959129	0.165320552	0.1768	0.69509277	0.646007594
HDACTA	NM_015401_bp2307_R	AGCTAAAAGCCAGCAAGATCCTCATTGATCTTCATTGAATCAATGAGGATCTTTGCTGGCGG	Hs.200063	3134	0.8735	0.31673646	0.00442861	1.12625	1.71194393	0.12195604	1.59355	0.56098454	0.010806871	1.106575	0.4877148	0.020033623
HDACTA	NM_015401_bp2307_R	AGCTAAAAGCCAGCAAGATCCTCATTGATCTTCATTGAATCAATGAGGATCTTTGCTGGCGG	Hs.200063	8510	0.9071	0.45288178	0.008706767	1.063525	1.56839446	0.115226556	1.58805	0.65921697	0.017033753	1.089575	0.43837002	0.015639469
HDACTA	NM_015401_bp2307_R	AGCTAAAAGCCAGCAAGATCCTCATTGATCTTCATTGAATCAATGAGGATCTTTGCTGGCGG	Hs.200063	13886	1.0046	0.41413002	0.004512206	1.18655	1.7256102	0.108728025	1.5953	0.63582986	0.015241437	1.032425	0.46317528	0.021012521
HDACTA	NM_015401_bp2650_R	AGCTAAAAGCTACCATGTTTCTGCCAAATCTCTTGAAATTTGGCAGAAACATGGTAGCCGG	Hs.200063	3138	-1.369625	0.28543943	0.013826017	-0.8548	1.05820139	0.088382158	0.3122	0.51930711	0.315467295	0.336475	0.42149122	0.208635306
HDACTA	NM_015401_bp2650_R	AGCTAAAAGCTACCATGTTTCTGCCAAATCTCTTGAAATTTGGCAGAAACATGGTAGCCGG	Hs.200063	8514	-1.455925	0.18303246	0.000178314	-0.92665	1.20140082	0.089062831	0.25915	0.44863867	0.331639885	0.3136	0.2272954	0.070187266
HDACTA	NM_015401_bp2650_R	AGCTAAAAGCTACCATGTTTCTGCCAAATCTCTTGAAATTTGGCAGAAACATGGTAGCCGG	Hs.200063	13890	-1.455375	0.15502222	0.000151912	-0.793825	1.08375061	0.107483396	0.2329	0.4608425	0.386577926	0.375625	0.2093631	0.037068661
HDAC8	018486_bp458_R	AGCTAAAAGGGGTGGCATCATGCAAAGATCTTGAATCTTTGCATGATGCCACCCTCGGG	Hs.3105	3122	0.8287	1.03709225	0.173028358	-0.234475	0.50590094	0.389188876	0.12505	0.55769858	0.684239011	0.99185	0.41127335	0.161092922
HDAC8	018486_bp458_R	AGCTAAAAGGGGTGGCATCATGCAAAGATCTTGAATCTTTGCATGATGCCACCCTCGGG	Hs.3105	8498	0.845075	1.25667171	0.153491544	-0.1954	0.48365244	0.459488496	0.039125	0.31563903	0.820204185	0.5492	0.54073536	0.135173473
HDAC8	018486_bp458_R	AGCTAAAAGGGGTGGCATCATGCAAAGATCTTGAATCTTTGCATGATGCCACCCTCGGG	Hs.3105	13874	0.882125	1.28517372	0.146282427	-0.2258	0.52635225	0.414697369	0.118375	0.35777636	0.555434564	0.66245	0.42350267	0.052128878
HDAC8	018486_bp705_R	AGCTAAAAGGGACGGTACTACAGTGTAAATCTCTTGAATTTACACTGTAGTACCGTCCCGG	Hs.3105	3124	0.414	0.43938395	0.110043991	2.33015	1.04226132	0.001180914	0.267025	0.56946358	0.417524028	1.20885	0.76724409	0.051229322
HDAC8	018486_bp705_R	AGCTAAAAGGGACGGTACTACAGTGTAAATCTCTTGAATTTACACTGTAGTACCGTCCCGG	Hs.3105	8500	0.61235	0.57494227	0.062938696	2.140675	0.75095522	0.000501798	0.2247	0.47325856	0.412377676	1.45315	0.4831309	0.009205382
HDAC8	018486_bp705_R	AGCTAAAAGGGACGGTACTACAGTGTAAATCTCTTGAATTTACACTGTAGTACCGTCCCGG	Hs.3105	13876	0.479425	0.37727358	0.057133073	2.334675	1.12991097	0.001647537	0.382725	0.48668602	0.213822424	1.627875	0.39815982	0.003826376
HDAC8	018486_bp855_R	AGCTAAAAGGATCCCATGTGCTCCTTTAATCTCTTGAATTAAAGGAGCACATGGGATCCCGG	Hs.3105	3126	0.035075	0.30493482	0.84902863	-0.75315	0.74676854	0.055036274	0.097375	0.21560383	0.432959747	0.307025	0.3826364	0.206883052
HDAC8	018486_bp855_R	AGCTAAAAGGATCCCATGTGCTCCTTTAATCTCTTGAATTAAAGGAGCACATGGGATCCCGG	Hs.3105	8502	0.0325	0.26990921	0.852629017	-0.736575	0.70012804	0.051430272	0.094325	0.20780979	0.430908554	0.3044	0.40737278	0.231919248
HDAC8	018486_bp855_R	AGCTAAAAGGATCCCATGTGCTCCTTTAATCTCTTGAATTAAAGGAGCACATGGGATCCCGG	Hs.3105	13878	0.116525	0.21378033	0.481882866	-0.744075	0.70153786	0.044924674	0.1078	0.25345013	0.457464921	0.321275	0.38519928	0.193836575
HDAC9	178423_bp1338_R	AGCTAAAAGCAGCATTTATTATTGAAAGATCTCTTGAATCTTTCAATAATAAATGCTGCGG	Hs.196054	3128	-1.171225	0.29990483	0.001075196	-0.116	0.65784353	0.705521675	0.412175	0.14639696	0.011078888	0.11395	0.64601758	0.747586304
HDAC9	178423_bp1338_R	AGCTAAAAGCAGCATTTATTATTGAAAGATCTCTTGAATCTTTCAATAATAAATGCTGCGG	Hs.196054	8504	-1.124025	0.25514492	0.000960448	-0.192475	0.34429994	0.408606723	0.39795	0.1622885	0.016229051	0.204875	0.66167576	0.579591776
HDAC9	178423_bp1338_R	AGCTAAAAGCAGCATTTATTATTGAAAGATCTCTTGAATCTTTCAATAATAAATGCTGCGG	Hs.196054	13880	-1.076475	0.17320906	0.00070361	-0.2026	0.36297347	0.393422213	0.414825	0.15304251	0.0123147	0.2249	0.71033959	0.571566982
HDAC9	178423_bp1930_R	AGCTAAAAGCGGTTGGCATGGATGGATTATCTCTTGAATAATCCATCCATGCCAACCGCGGG	Hs.196054	3132	0.27185	0.09710717	0.09935985	-0.40435	0.30785495	0.101867818	-0.17745	0.33192116	0.363354824	0.251125	0.42143356	0.319037945
HDAC9	178423_bp1930_R	AGCTAAAAGCGGTTGGCATGGATGGATTATCTCTTGAATAATCCATCCATGCCAACCGCGGG	Hs.196054	8508	0.10085	0.39084935	0.633651826	-0.28865	0.35854875	0.236325187	-0.22765	0.32322456	0.253700932	0.2142	0.52285704	0.472621753
HDAC9	178423_bp1930_R	AGCTAAAAGCGGTTGGCATGGATGGATTATCTCTTGAATAATCCATCCATGCCAACCGCGGG	Hs.196054	13884	0.208625	0.1746837	0.211967934	-0.065525	0.76071856	0.845409982	-0.22835	0.26494263	0.183219338	0.2035	0.43741336	0.420763104
HDAC9	178423_bp822_R	AGCTAAAAGAAGGTCGCGGTCCAGGTTAAATCTCTTGAATTTAACCTGGACCGCACCTTCGG	Hs.196054	3130	2.86465	1.06090228	0.001137708	0.613975	0.93881274	0.152417907	2.0139	0.95869537	0.206708626	1.18285	0.33599236	0.005887195
HDAC9	178423_bp822_R	AGCTAAAAGAAGGTCGCGGTCCAGGTTAAATCTCTTGAATTTAACCTGGACCGCACCTTCGG	Hs.196054	8506	2.381125	0.8138467	0.000905496	0.1651	0.60020684	0.572861328	1.28195	0.16143248	0.05653808	0.95715	0.20607181	0.002640397
HDAC9	178423_bp822_R	AGCTAAAAGAAGGTCGCGGTCCAGGTTAAATCTCTTGAATTTAACCTGGACCGCACCTTCGG	Hs.196054	13882	3.1668	1.17075477	0.001087275	0.775955	1.02678182	0.101679262	1.28715	0.84025499	0.275312272	1	0.36302048	0.011773924
HDGFRP3	A133102_bp1196_R	AGCTAAAAGGTCCTGGAATCGTTTATTATTCTCTTGAATAATAAACGATTCCAGGACCGG	Hs.513954	3880	-0.7401375	0.24718824	0.005781887	0.171	0.55239418	0.541755758						
HDGFRP3	A133102_bp1196_R	AGCTAAAAGGTCCTGGAATCGTTTATTATTCTCTTGAATAATAAACGATTCCAGGACCGG	Hs.513954	9256	-0.615625	0.44199809	0.034836696	0.371075	0.72068898	0.27620069						
HDGFRP3	A133102_bp1196_R	AGCTAAAAGGTCCTGGAATCGTTTATTATTCTCTTGAATAATAAACGATTCCAGGACCGG	Hs.513954	14632	-0.7729625	0.13730369	0.002626695	0.1117	0.6210772	0.706301594						
HDGFRP3	A133102_bp1481_R	AGCTAAAAGGGACCCAAATAGAAACATATCTCTTGAATTATGTTTCTATTTGGGTCCCGG	Hs.513954	9258				-0.6238	0.32244424	0.057831155						
HDGFRP3	A133102_bp975_R	AGCTAAAAGGAGGAAGATCCTCCAAAGTTCTCTTGAAACTTTGGAAGGATCTTCCTCCCGG	Hs.513954	3884	0.2347875	0.50567948	0.362422537	-0.4024	0.20122303	0.082107436						
HDGFRP3	A133102_bp975_R	AGCTAAAAGGAGGAAGATCCTCCAAAGTTCTCTTGAAACTTTGGAAGGATCTTCCTCCCGG	Hs.513954	9260	0.3424375	0.38322676	0.141967488	0.26575	0.56712667	0.359895921						
HDGFRP3	A133102_bp975_R	AGCTAAAAGGAGGAAGATCCTCCAAAGTTCTCTTGAAACTTTGGAAGGATCTTCCTCCCGG	Hs.513954	14636	0.1955125	0.48695426	0.431036839	-0.1401	0.24139395	0.507616532						
HECW2	AB037722_bp3362_R	AGCTAAAAGCCCATCCAGTACATTCAATATCTCTTGAATATTGAATGTACTGGATGGCCGG	Hs.191841	3723	1.125725	1.09928207	0.052146238	1.3936375	0.50502291	0.001453467						
HECW2	AB037722_bp3362_R	AGCTAAAAGCCCATCCAGTACATTCAATATCTCTTGAATATTGAATGTACTGGATGGCCGG	Hs.191841	9099	1.412425	0.76520108	0.007142779	0.6497625	0.40956058	0.029889995						
HECW2	AB037722_bp3362_R	AGCTAAAAGCCCATCCAGTACATTCAATATCTCTTGAATATTGAATGTACTGGATGGCCGG	Hs.191841	14475	1.916675	0.60407438	0.000805364	0.7480125	0.25764974	0.009696958						
HECW2	AB037722_bp435S_R	AGCTAAAAGGGGTGCCAATCCCAGTTATCTCTTGAATAACTGGGATATTGGCACCCCGG	Hs.191841	3695	-0.660925	0.28081603	0.011181587	-0.122875	0.69999207	0.701358068						
HECW2	AB037722_bp435S_R	AGCTAAAAGGGGTGCCAATCCCAGTTATCTCTTGAATAACTGGGATATTGGCACCCCGG	Hs.191841	9071	-0.59565	0.1609302	0.008847156	0.1269625	0.7949013	0.715205209						
HECW2	AB037722_bp435S_R	AGCTAAAAGGGGTGCCAATCCCAGTTATCTCTTGAATAACTGGGATATTGGCACCCCGG	Hs.191841	14447	-0.636975	0.23359617	0.00987848	-0.0493875	0.56892344	0.860252385						
HECW2	AB037722_bp515_R	AGCTAAAAGGGGTGTGACTGGAACACAAATCTCTTGAATTTGTGTTCCAGTCACACCCCGG	Hs.191841	3721	-0.14025	0.260328	0.431094879	-0.0368375	0.37969708	0.874745467						
HECW2	AB037722_bp515_R	AGCTAAAAGGGGTGTGACTGGAACACAAATCTCTTGAATTTGTGTTCCAGTCACACCCCGG	Hs.191841	9097	-0.0605	0.24956436	0.723043429	-0.0552125	0.32844035	0.804797022						
HECW2	AB037722_bp515_R	AGCTAAAAGGGGTGTGACTGGAACACAAATCTCTTGAATTTGTGTTCCAGTCACACCCCGG	Hs.191841	14473	0.0954	0.30909156	0.611184207	0.0262875	0.54217384	0.923310245						
HELZ	AL832149_bp819_R	AGCTAAAAGCTGATGTTCTTTGGGTATTATCTCTTGAATAATACCCAAAGAACATCAGCGG	Hs.370140	4016	0.3668625	0.457991	0.155011814	0.65865	0.42032237	0.029527566						
HELZ	AL832149_bp819_R	AGCTAAAAGCTGATGTTCTTTGGGTATTATCTCTTGAATAATACCCAAAGAACATCAGCGG	Hs.370140	9392	0.1321875	0.3663412	0.521307691	0.5482	0.22439609	0.031165179						
HELZ	AL832149_bp819_R	AGCTAAAAGCTGATGTTCTTTGGGTATTATCTCTTGAATAATACCCAAAGAACATCAGCGG	Hs.370140	14768	0.3655125	0.31931129	0.096172212	0.8354	0.48549488	0.014723132						
HELZ	AL832149_bp797_R	AGCTAAAAGCTGCGTGCCTCTTGTATTCATCTCTTGAATGAATACAAGAGGCACGCAGCGG	Hs.370140	4018				0.121	0.19945197	0.554028014						
HELZ	AL832149_bp797_R	AGCTAAAAGCTGCGTGCCTCTTGTATTCATCTCTTGAATGAATACAAGAGGCACGCAGCGG	Hs.370140	9394				0.2225	0.20523482	0.394574066						
HELZ	AL832149_bp797_R	AGCTAAAAGCTGCGTGCCTCTTGTATTCATCTCTTGAATGAATACAAGAGGCACGCAGCGG	Hs.370140	14770				0.1767	0.07731214	0.369061871						
HELZ	AL832149_bp892_R	AGCTAAAAGTGGCAGACATAGACTTGTAATCTCTTGAATTACAAGTCTATGTCTGCCACGG	Hs.370140	4014	0.10755	0.51042227	0.707254378	-0.059725	0.34819278	0.792883302						
HELZ	AL832149_bp892_R	AGCTAAAAGTGGCAGACATAGACTTGTAATCTCTTGAATTACAAGTCTATGTCTGCCACGG	Hs.370140	9390	-0.191083333	0.46608936	0.49167188	0.3629	0.12600241	0.097501974						
HELZ	AL832149_bp892_R	AGCTAAAAGTGGCAGACATAGACTTGTAATCTCTTGAATTACAAGTCTATGTCTGCCACGG	Hs.370140	14766	-0.04065	0.13962667	0.828964726	0.644625	0.36258112	0.026087915						
HERC2	NM_004667_bp11421_R	AGCTAAAAGCAGTCAATTAACATAAATATCTCTTGAATATTTATGTTAATTGACTGCCGG	Hs.434890	3295	0.303033333	1.0641803	0.549691606	0.0265875	0.56786799	0.924342049	0.55495	0.41216151	0.07423281	0.5272	0.20108627	0.013504265
HERC2	NM_004667_bp11421_R	AGCTAAAAGCAGTCAATTAACATAAATATCTCTTGAATATTTATGTTAATTGACTGCCGG	Hs.434890	8671	0.039175	0.69010696	0.900035439	0.0737275	0.43205846	0.764641403	0.630525	0.40247235	0.051934107	0.6634	0.16558432	0.025257249
HERC2	NM_004667_bp11421_R	AGCTAAAAGCAGTCAATTAACATAAATATCTCTTGA

HGS	NM_004712_bp994_R	AGCTAAAAGCCTGTACCTTCCACCTGTGATCTCTTGAATCACAGGTGAAGAGTACAGGCGG	Hs.514590	1179	-0.1413375	0.58749063	0.52415618						-0.497125	0.56221596	0.111195895					
HGS	NM_004712_bp994_R	AGCTAAAAGCCTGTACCTTCCACCTGTGATCTCTTGAATCACAGGTGAAGAGTACAGGCGG	Hs.514590	6555	-0.1484625	0.56132263	0.494739804						-0.542825	0.60096644	0.097094967					
HGS	NM_004712_bp994_R	AGCTAAAAGCCTGTACCTTCCACCTGTGATCTCTTGAATCACAGGTGAAGAGTACAGGCGG	Hs.514590	11931	-0.1045875	0.58198526	0.607637064						-0.5719	0.51593017	0.065580537					
HIF1A	NM_001530_bp1098_R	AGCTAAAAGGCCGCTCAATTTATGAATATTCTCTTGAAATATTCATAAATTGAGCGGCCGG	Hs.509554	2240	-0.5295375	0.21693072	0.014390255						-0.067375	0.0902152	0.739514175					
HIF1A	NM_001530_bp1098_R	AGCTAAAAGGCCGCTCAATTTATGAATATTCTCTTGAAATATTCATAAATTGAGCGGCCGG	Hs.509554	7616	-0.5834125	0.23512439	0.011129798						-0.075775	0.07220219	0.705504129					
HIF1A	NM_001530_bp1098_R	AGCTAAAAGGCCGCTCAATTTATGAATATTCTCTTGAAATATTCATAAATTGAGCGGCCGG	Hs.509554	12992	-0.5356625	0.23101454	0.014832457						0.03465	0.19122143	0.84819997					
HIF1A	NM_001530_bp1283_R	AGCTAAAATGGATTGTATGTGTGAATTATCTCTTGAATAATTCACACATACAATGCACGG	Hs.509554	1178	-0.7186375	0.1897437	0.003784261						-0.583325	0.42665109	0.047125385					
HIF1A	NM_001530_bp1283_R	AGCTAAAATGGATTGTATGTGTGAATTATCTCTTGAATAATTCACACATACAATGCACGG	Hs.509554	6554	-0.8112125	0.23781301	0.003035986						-0.57305	0.43529238	0.051524809					
HIF1A	NM_001530_bp1283_R	AGCTAAAATGGATTGTATGTGTGAATTATCTCTTGAATAATTCACACATACAATGCACGG	Hs.509554	11930	-0.7688375	0.17918541	0.002705885						-0.57005	0.42494835	0.050686319					
HIF1A	NM_001530_bp2634_R	AGCTAAAAGGGCAATCAATGGATGAAAGTTCTCTTGAAACTTTCATCCATTGATTGCCCGG	Hs.509554	242	0.9016625	0.27576605	0.003546948						0.8096	0.69972464	0.035506187					
HIF1A	NM_001530_bp2634_R	AGCTAAAAGGGCAATCAATGGATGAAAGTTCTCTTGAAACTTTCATCCATTGATTGCCCGG	Hs.509554	7618	0.9829125	0.45658122	0.007504568						0.70465	0.67407951	0.052872043					
HIF1A	NM_001530_bp2634_R	AGCTAAAAGGGCAATCAATGGATGAAAGTTCTCTTGAAACTTTCATCCATTGATTGCCCGG	Hs.509554	12994	0.9038125	0.3584011	0.00592244						0.766925	0.75233268	0.05065641					
HIF1AN	NM_017902_bp1029_R	AGCTAAAAGGGCCCTTGTTGAACACAATGTCTCTTGAACATTTGTGTTCAACAAGGGCCCGG	Hs.500788	2238	1.3929625	0.45875343	0.00160684						-0.251	0.74428608	0.467684695					
HIF1AN	NM_017902_bp1029_R	AGCTAAAAGGGCCCTTGTTGAACACAATGTCTCTTGAACATTTGTGTTCAACAAGGGCCCGG	Hs.500788	7614	1.3537125	0.46709254	0.001933402						-0.05905	0.80210846	0.874802121					
HIF1AN	NM_017902_bp1029_R	AGCTAAAAGGGCCCTTGTTGAACACAATGTCTCTTGAACATTTGTGTTCAACAAGGGCCCGG	Hs.500788	12990	1.3730375	0.44829964	0.001604928						-0.135175	0.79846142	0.708328954					
HIF1AN	NM_017902_bp405_R	AGCTAAAAGTTGAGAAACTGCAGGATATATCTCTTGAATATATCCTGCAGTTTCTCAACGG	Hs.500788	1177	0.6781125	0.35642823	0.019277359						0.169	0.471714	0.503046622					
HIF1AN	NM_017902_bp405_R	AGCTAAAAGTTGAGAAACTGCAGGATATATCTCTTGAATATATCCTGCAGTTTCTCAACGG	Hs.500788	6553	0.6498375	0.39693363	0.028229892						0.1391	0.50976442	0.591179364					
HIF1AN	NM_017902_bp405_R	AGCTAAAAGTTGAGAAACTGCAGGATATATCTCTTGAATATATCCTGCAGTTTCTCAACGG	Hs.500788	11929	0.6247625	0.41549214	0.035743998						0.157875	0.54269272	0.557109622					
HIF1AN	NM_017902_bp817_R	AGCTAAAAGCCCTGGTGATGTTCTTTACATCTCTTGAATGTAAAGAACATCACCAGGGCGG	Hs.500788	1164	-0.6240125	0.15075087	0.005444808						-0.1098	0.54745566	0.701559604					
HIF1AN	NM_017902_bp817_R	AGCTAAAAGCCCTGGTGATGTTCTTTACATCTCTTGAATGTAAAGAACATCACCAGGGCGG	Hs.500788	6540	-0.7559875	0.30203941	0.006078455						-0.077175	0.38213702	0.755262444					
HIF1AN	NM_017902_bp817_R	AGCTAAAAGCCCTGGTGATGTTCTTTACATCTCTTGAATGTAAAGAACATCACCAGGGCGG	Hs.500788	11916	-0.9584875	0.32993925	0.002756148						-0.256225	0.68942772	0.436489141					
HIF3A	NM_152794_bp345_R	AGCTAAAAGGCTTACCTGTCGGAGAATGTTCTCTTGAAACATTCTCCGACAGGTAAGCCGG	Hs.420830	2234	-0.1609625	0.19648727	0.24121148						-0.3299	0.36147466	0.188628269					
HIF3A	NM_152794_bp345_R	AGCTAAAAGGCTTACCTGTCGGAGAATGTTCTCTTGAAACATTCTCCGACAGGTAAGCCGG	Hs.420830	7610	-0.2092125	0.20216421	0.161891618						-0.353275	0.30097887	0.144450481					
HIF3A	NM_152794_bp345_R	AGCTAAAAGGCTTACCTGTCGGAGAATGTTCTCTTGAAACATTCTCCGACAGGTAAGCCGG	Hs.420830	12986	-0.1739625	0.2203915	0.228390021						-0.2737	0.31857423	0.249401576					
HIF3A	NM_152794_bp591_R	AGCTAAAAGTGAACTGCTCTGGACATATTCTCTTGAAATATGTCCAGAGCAGTTCAGCGG	Hs.420830	2236	-0.5067875	0.5428028	0.078056174						-0.100525	0.5888814	0.734400149					
HIF3A	NM_152794_bp591_R	AGCTAAAAGTGAACTGCTCTGGACATATTCTCTTGAAATATGTCCAGAGCAGTTCAGCGG	Hs.420830	7612	-0.6668625	0.51623425	0.031451379						-0.3143	0.65821377	0.327056814					
HIF3A	NM_152794_bp591_R	AGCTAAAAGTGAACTGCTCTGGACATATTCTCTTGAAATATGTCCAGAGCAGTTCAGCGG	Hs.420830	12988	-0.5135375	0.56399451	0.081336392						-0.0388	0.65345403	0.907795729					
HIF3A	NM_152794_bp790_R	AGCTAAAAGACGACAGGATTGCAGAAGTGTCTCTTGAACACTTCTGCAATCCTGTCGTCGG	Hs.420830	1163	1.3519875	0.20192822	0.000321195						0.843275	0.73089455	0.034088301					
HIF3A	NM_152794_bp790_R	AGCTAAAAGACGACAGGATTGCAGAAGTGTCTCTTGAACACTTCTGCAATCCTGTCGTCGG	Hs.420830	6539	1.3124625	0.18662292	0.000338652						0.83585	0.69504241	0.031116802					
HIF3A	NM_152794_bp790_R	AGCTAAAAGACGACAGGATTGCAGAAGTGTCTCTTGAACACTTCTGCAATCCTGTCGTCGG	Hs.420830	11915	1.3281875	0.18825237	0.000322288						0.912225	0.76743442	0.02884533					
HIF1R	NM_003959_bp2525_R	AGCTAAAAGATCCTCAACTCCTGCACAGATCTCTTGAATCTGTGCAGGAGTTGAGGATCGG	Hs.524815	3531	-0.821675	0.25750199	0.003951173						-0.1305375	0.52618439	0.630656841					
HIF1R	NM_003959_bp2525_R	AGCTAAAAGATCCTCAACTCCTGCACAGATCTCTTGAATCTGTGCAGGAGTTGAGGATCGG	Hs.524815	8907	-0.166425	0.52868132	0.521983666						-0.2527125	0.37669558	0.300658976					
HIF1R	NM_003959_bp2525_R	AGCTAAAAGATCCTCAACTCCTGCACAGATCTCTTGAATCTGTGCAGGAGTTGAGGATCGG	Hs.524815	14283	-0.816825	0.16406398	0.002349219						-0.0739375	0.56042279	0.790787314					
HIF1R	NM_003959_bp2864_R	AGCTAAAAGCAGGAATGTTCTCGCACAGTTCTCTTGAAACTGTGCGAGAACATTCCTGCGG	Hs.524815	3503	0.2611	0.24586207	0.164550058						-0.2524125	0.22462034	0.245983232					
HIF1R	NM_003959_bp2864_R	AGCTAAAAGCAGGAATGTTCTCGCACAGTTCTCTTGAAACTGTGCGAGAACATTCCTGCGG	Hs.524815	8879	0.620375	0.17908895	0.008199919						-0.1909125	0.28061397	0.387839482					
HIF1R	NM_003959_bp2864_R	AGCTAAAAGCAGGAATGTTCTCGCACAGTTCTCTTGAAACTGTGCGAGAACATTCCTGCGG	Hs.524815	14255	0.4126	0.17630394	0.036879153						-0.2874875	0.31772591	0.222963497					
HIF1R	NM_003959_bp555_R	AGCTAAAAGGGACCGATGTCAACAACATCTCTCTTGAAGATGTTGTTGACATCGGTCCCGG	Hs.524815	3529	0.05595	0.2101332	0.729069719						0.8862125	0.36491112	0.006831679					
HIF1R	NM_003959_bp555_R	AGCTAAAAGGGACCGATGTCAACAACATCTCTCTTGAAGATGTTGTTGACATCGGTCCCGG	Hs.524815	8965	0.045525	0.28030942	0.798070115						0.5263625	0.37937672	0.056465269					
HIF1R	NM_003959_bp555_R	AGCTAAAAGGGACCGATGTCAACAACATCTCTCTTGAAGATGTTGTTGACATCGGTCCCGG	Hs.524815	14281	0.036725	0.17717819	0.811821407						1.0675125	0.26600293	0.001814248					
HIPK1	NM_198268_bp250_R	AGCTAAAAGCTGGGATGTTTCAGGACAGATCTCTTGAATCTGTCCTGAAACATCCCAGCGG	Hs.532363	1942				-2.6286												
HIPK1	NM_198268_bp250_R	AGCTAAAAGCTGGGATGTTTCAGGACAGATCTCTTGAATCTGTCCTGAAACATCCCAGCGG	Hs.532363	7318				-2.7736												
HIPK1	NM_198268_bp250_R	AGCTAAAAGCTGGGATGTTTCAGGACAGATCTCTTGAATCTGTCCTGAAACATCCCAGCGG	Hs.532363	12694				-2.0219												
HIPK1	NM_198268_bp2649_R	AGCTAAAAGCCCATGTTGTCAGACAACAATCTCTTGAATTGTTGTCTCGACAACATGGGCGG	Hs.532363	7320				1.181												
HIPK1	NM_198268_bp2649_R	AGCTAAAAGCCCATGTTGTCAGACAACAATCTCTTGAATTGTTGTCTCGACAACATGGGCGG	Hs.532363	12696				1.4147												
HIPK1	NM_198268_bp3010_R	AGCTAAAAGCAGCCCTTATTCCACTGATATCTCTTGAATATCAGTGGAATAAGGGCTGCGG	Hs.532363	1970				7.9716												
HIPK1	NM_198268_bp3010_R	AGCTAAAAGCAGCCCTTATTCCACTGATATCTCTTGAATATCAGTGGAATAAGGGCTGCGG	Hs.532363	7346				9.0089												
HIPK1	NM_198268_bp3010_R	AGCTAAAAGCAGCCCTTATTCCACTGATATCTCTTGAATATCAGTGGAATAAGGGCTGCGG	Hs.532363	12722				8.9871												
HIPK2	NM_022740_bp1321_R	AGCTAAAAGCCAAGTCATCTGTGAGAAATCTCTTGAATTTCTCACAGATGACTGGTGCGG	Hs.397465	680	0.0636	0.98528259	0.899910335	0.203475	0.4394797	0.403959102										
HIPK2	NM_022740_bp1321_R	AGCTAAAAGCCAAGTCATCTGTGAGAAATCTCTTGAATTTCTCACAGATGACTGGTGCGG	Hs.397465	6056	-0.2436			0.610666667	0.1324653	0.03325384										
HIPK2	NM_022740_bp1321_R	AGCTAAAAGCCAAGTCATCTGTGAGAAATCTCTTGAATTTCTCACAGATGACTGGTGCGG	Hs.397465	11432	0.2088	0.39965675	0.518687622	0.084	0.6025054	0.775852222										
HIPK2	NM_022740_bp561_R	AGCTAAAAGTCGGGTGAATATGTATGACATCTCTTGAATGTCATACATATTCACCCGACGG	Hs.397465	681	-0.205966667	0.22998088	0.342234577	-1.003175	0.37355417	0.005393812										
HIPK2	NM_022740_bp561_R	AGCTAAAAGTCGGGTGAATATGTATGACATCTCTTGAATGTCATACATATTCACCCGACGG	Hs.397465	11433	-0.0863	0.1587001	0.654787603	-0.4256	0.35058661	0.145515379										
HIPK2	NM_022740_bp561_R	AGCTAAAAGTCGGGTGAATATGTATGACATCTCTTGAATGTCATACATATTCACCCGACGG	Hs.397465	6057	-0.1369	0.26799032	0.530027566													
HIPK3	NM_005734_bp1046_R	AGCTAAAAGCTCGGCCAGTCATGTATCAATCTCTTGAATTGATACATGACTGGCCGACCGG	Hs.201918	1711	2.90665	3.70850418	0.099350118	0.821333333	0.96043455	0.153588974										
HIPK3	NM_005734_bp1046_R	AGCTAAAAGCTCGGCCAGTCATGTATCAATCTCTTGAATTGATACATGACTGGCCGACCGG	Hs.201918	7087	3.56785	5.00486864	0.125048593	0.815	1.091691354	0.192375314										
HIPK3	NM_005734_bp1046_R	AGCTAAAAGCTCGGCCAGTCATGTATCAATCTCTTGAATTGATACATGACTGGCCGACCGG	Hs.201918	12463	3.2272	4.3770132	0.115500362	0.479266667	0.96752484	0.359363882										
HIPK3	NM_005734_bp2705_R	AGCTAAAAGCCAGAGCACTTTGAATATTGTCTCTTGAACAATATTCAAAGTGCTCTGGCGG	Hs.201918	1713	-0.854633333	0.9748481	0.118020292	0.5605	0.92496953	0.27868127										
HIPK3	NM_005734_bp2705_R	AGCTAAAAGCCAGAGCACTTTGAATATTGTCTCTTGAACAATATTCAAAGTGCTCTGGCGG	Hs.201918	7089	-0.6038	0.3347382	0.021376365	0.464933333	0.33951003	0.117378047										
HIPK3	NM_005734_bp2705_R	AGCTAAAAGCCAGAGCACTTTGAATATTGTCTCTTGAACAATATTCAAAGTGCTCTGGCGG	Hs.201918	12465	-0.1512	1.22331137	0.770229967	0.365333333	1.68068108	0.656310193										
HIPK3	NM_005734_bp3083_R	AGCTAAAAGATCTGCCCCTGGAAGATTAATCTCTTGAATTAATCTTCCAGGGGCAGATCGG	Hs.201918	434	3.198375	0.64477532	0.002778821	-0.50355	2.42261854	0.686818533										
HIPK3	NM_005734_bp3083_R	AGCTAAAAGATCTGCCCCTGGAAGATTAATCTCTTGAATTAATCTTCCAGGGGCAGATCGG	Hs.201918	5810	5.721325	4.28959182	0.018365591	1.7197	4.3388477	0.442417719										
HIPK3	NM_005734_bp3083_R	AGCTAAAAGATCTGCCCCTGGAAGATTAATCTCTTGAATTAATCTTCCAGGGGCAGATCGG	Hs.201918	11186	6.0947	4.62815442	0.019224324	2.3856	4.73966964	0.322957523										
HIPK4	NM_144685_bp1122_R	AGCTAAAAGCGCCGCAAGTATATGCTCAATCTCTTGAATTGAGCATATACTTGCGGCGCGG	Hs.79363	12919	-0.484975	0.71970248	0.174681727	-1.170625	0.32615347	0.002148933										
HIPK4	NM_144685_bp1122_R	AGCTAAAAGCGCCGCAAGTATATGCTCAATCTCTTGAATTGAGCATATACTTGCGGCGCGG	Hs.79363	2167	-1.3021	0.42949666	0.021076651	-2.0615												
HIPK4	NM_144685_bp1122_R	AGCTAAAAGCGCCGCAAGTATATGCTCAATCTCTTGAATTGAGCATATACTTGCGGCGCGG	Hs.79363	7543	-1.427	0.0079196	0.008924112	-2.1887												
HIPK4	NM_144685_bp1919_R	AGCTAAAGGCCCAACATTGACAACATGATCTCTTGAATCATGTTGTCAATGTTGGGCCGG	Hs.79363	687	2.5791	0.32109226	2.84E-05	0.51919	0.15640398	0.018533824										
HIPK4	NM_144685_bp1919_R	AGCTAAAGGCCCAACATTGACAACATGATCTCTTGAATCATGTTGTCAATGTTGGGCCGG	Hs.79363	6063	2.518725	0.25296467	1.96E-05	0.6665	0.16429035	0.007682421										
HIPK4	NM_144685_bp1919_R	AGCTAAAGGCCCAACATTGACAACATGATCTCTTGAATCATGTTGTCAATGTTGGGCCGG	Hs.79363	11439	2.51715	0.33473487	3.56E-05	0.754725	0.16003403	0.004636637										
HIPK4	NM_144685_bp306_R	AGCTAAAGACTGACTGCTACGACATCATTCTCTTGAAATGATGTCGTAGCAGTCAGTCGG	Hs.79363	688	-0.6763	0.2454157	0.008301174	-0.595725	0.33740793	0.029174885										
HIPK4	NM_144685_bp306_R	AGCTAAAGACTGACTGCTACGACATCATTCTCTTGAAATGATGTCGTAGCAGTCAGTCGG	Hs.79363	6064	-0.423	0.29456321	0.057458702	-0.153875	0.51507063	0.563138078										
HIPK4	NM_144685_bp306_R	AGCTAAAAGACTGACTGCTACGACATCATTCTCTTGAAATGATGTCGTAGCAGTCAGTCGG	Hs.79363	11440	0.29845	1.09756597	0.530894089	-0.062975	0.6335017	0.837082617										
HLF	NM_002126_bp588_R	AGCTAAAAGACGCATTTAGTAAAGATTCTCTTGAAATCTTTACTAAATGCTCTTTCGG	Hs.196952	3328	-0.362625	1.23570987	0.496616763						-0.02405	0.67133653	0.937970272					
HLF	NM_002126_bp588_R	AGCTAAAAGAAGACGCATTTAGTAAAGATTCTCTTGAAATCTTTACTAAATGCGTCTTCGG	Hs.196952	8704	-1.0711	0.68953798	0.015225371						0.024825	0.71155051	0.938326324					
HLF	NM_002126_bp588_R	AGCTAAAAGAGACGCATTTAGTAAAGATTCTCTTGAAATCTTTACTAAATGCGTCTTCGG	Hs.196952	14080	-0.805075	0.35321431	0.007806805						0.120175	0.73588253	0.71568031					
HLF	NM_002126_bp675_R	AGCTAAAAGGGCCTACCTTATGGGACAAATCTCTTGAATTTGTCCCATAAGGTAGGCCCGG	Hs.196952	3324	0.03925	0.04975229	0.276075541						-0.2992	0.2425108	0.183164673					
HLF	NM_002126_bp675_R	AGCTAAAAGGGCCTACCTTATGGGACAAATCTCTTGAATTTGTCCCATAAGGTAGGCCCGG	Hs.196952	8700	-0.089175	0.32485494	0.641771272						-0.1152	0.2328082	0.581248032					
HLF	NM_002126_bp675_R	AGCTAAAAGGGCCTACCTTATGGGACAAATCTCTTGAATTTGTCCCATAAGGTAGGCCCGG	Hs.196952	14076	0.21385	0.27082901	0.254907442						0.0894	0.41797195	0.71346152					
HLF	NM_002126_bp889_R	AGCTAAAAGCATCCCATCTCCGAACTGTATCTCTTGAATACAGTTCGGAGATGGGATGCGG	Hs.196952	3326	-1.065075	0.23873678	0.001104575						-0.764	0.51978494	0.024201236					
HLF	NM_002126_bp889_R	AGCTAAAAGCATCCCATCTCCGAACTGTATCTCTTGAATACAGTTCGGAGATGGGATGCGG	Hs.196952	8702	-1.041825	0.25578821	0.001365328						-0.780975	0.60872526	0.030891844					
HLF	NM_002126_bp889_R	AGCTAAAAGCATCCCATCTCCGAACTGTATCTCTTGAATACAGTTCGGAGATGGGATGCGG	Hs.196952	14078	-0.96085	0.21327836	0.001503496						-0.759275	0.58022712	0.030974918					
HMGN1	CR616640_bp1275_R	AGCTAAAAGTCTGTGGAATCCTACTATTATCTCTTGAATAATAGTAGGATTCCACAGACGG	Hs.356285	4938	-0.7573875	0.21637621	0.004370879	-0.3109375	0.66265263	0.35214254										
HMGN1	CR616640_bp1275_R	AGCTAAAAGTCTGTGGAATCCTACTATTATCTCTTGAATAATAGTAGGATTCCACAGACGG	Hs.356285	10314	-0.8164625	0.17579416	0.002506068	-0.2458875	0.66138204	0.452680862										
HMGN1	CR616640_bp1275_R	AGCTAAAAGTCTGTGGAATCCTACTATTATCTCTTGAATAATAGTAGGATTCCACAGACGG	Hs.356285	15690	-0.7757375	0.23480418	0.004400784	-0.3951875	0.82975118	0.330631853										
HMGN1	CR616640_bp1445_R	AGCTAAAAGCTGCTGCTGTATACTTACATATCTCTTGAATAGTAAGTATACAGCAGCAGCGG	Hs.356285	4936	-0.0806875	0.16859492	0.601390158	-0.0868125	0.57311399	0.7595628										
HMGN1	CR616640_bp1445_R	AGCTAAAAGCTGCTGCTGTATACTTACATATCTCTTGAATAGTAAGTATACAGCAGCAGCGG	Hs.356285	10312	-0.1036125	0.15651306	0.500490342	-0.0077875	0.6321842	0.979627185										
HMGN1	CR616640_bp1445_R	AGCTAAAAGCTGCTGCTGTATACTTACATATCTCTTGAATAGTAAGTATACAGCAGCAGCGG	Hs.356285	15688	-0.0483375	0.17612344	0.754232178	-0.0429125	0.55704604	0.876774847										
HMGN1	CR616640_bp674_R	AGCTAAAAGGGCCAAACGGTAAGTCTTCATCTCTTGAAATGAAGACTTACCTGTTGGCCGG	Hs.356285	4940	-0.4856625	0.20523019	0.023868387	-0.0786125	0.27691576	0.668104879										
HMGN1	CR616640_bp674_R	AGCTAAAAGGGCCAAACGGTAAGTCTTCATCTCTTGAAATGAAGACTTACCTGTTGGCCGG	Hs.356285	10316	-0.5142125	0.24200508	0.023327905	-0.1278125	0.285193	0.35816657										
HMGN1	CR616640_bp674_R	AGCTAAAAGGGCCAAACGGTAAGTCTTCATCTCTTGAAATGAAGACTTACCTGTTGGCCGG	Hs.356285	15692	-0.4095625	0.25242618	0.052524056	-0.4754125	0.58887468	0.148470238										
HMOX1	NM_002133_bp1261_R	AGCTAAAAGCCCTGAGTTTCAAGTATCCTTCTCTTGAAAGGATACTTGAAACTCAGGGCGG	Hs.517581	2863	-0.083725	0.29211119	0.646400005						-0.334375	0.48994326	0.222266716					
HMOX1	NM_002133_bp1261_R	AGCTAAAAGCCCTGAGTTTCAAGTATCCTTCTCTTGAAAGGATACTTGAAACTCAGGGCGG	Hs.517581	8239	-0.1589	0.37177815	0.44851113						-0.2791	0.4309707	0.279643253					
HMOX1	NM_002133_bp1261_R	AGCTAAAAGCCCTGAGTTTCAAGTATCCCTTCTCTTGAAAGGATACTTGAAACTCAGGGCGG	Hs.517581	13615	-0.011775	0.41642852	0.956736079						-0.074075	0.46398786	0.770498294					
HMOX1	NM_002133_bp233_R	AGCTAAAAGGGCCTCCCTGACCACATCTATCTCTTGAATGAGTTGGTACAGGGAGGCCGG	Hs.517581	2861	0.072425	0.23770109	0.66713723						-0.2102	0.48601315	0.428880755					
HMOX1	NM_002133_bp233_R	AGCTAAAAGGGCCTCCCTGACCACATCTATCTCTTGAATGAGTTGGTACAGGGAGGCCGG	Hs.517581	8237	0.1986	0.4618991	0.408946301						-0.1283	0.61365867	0.663556806					
HMOX1	NM_002133_bp233_R	AGCTAAAAGGGCCTCCCTGACCACATCTATCTCTTGAATGAGTTGGTACAGGGAGGCCGG	Hs.517581	13613	0.086975	0.17712223	0.578088993						-0.29295	0.99094265	0.482342018					
HMOX1	NM_002133_bp891_R	AGCTAAAAGTCCTTACACTCAGCTTTCTGTCTCTTGAACAGAAAGCTGAGTGTAAGGACGG	Hs.517581	2859	-0.04045	0.73391542	0.901843863						0.273925	0.39647673	0.273527646					
HMOX1	NM_002133_bp891_R	AGCTAAAAGTCCTTACACTCAGCTTTCTGTCTCTTGAACAGAAAGCTGAGTGTAAGGACGG	Hs.517581	8235	-0.060825	0.59451845	0.826737515						0.1509	0.5800086	0.598586386					
HMOX1	NM_002133_bp891_R	AGCTAAAAGTCCTTACACTCAGCTTTCTGTCTCTTGAACAGAAAGCTGAGTGTAAGGACGG	Hs.517581	13611	-0.34355	0.62035139	0.262899668						-0.0049	0.41575919	0.983812936					
HOMER2	NM_199330_bp217_R	AGCTAAAAGCGCATGTCTTCCAGATGACTCTCTTGAAGTCAATCTGGAAGACATGCGCGGG	Hs.93564	4847	0.4418875	0.1765783	0.029245745	0.0901375	0.34582349	0.659460651										
HOMER2	NM_199330_bp217_R	AGCTAAAAGCGCATGTCTTCCAGATGACTCTCTTGAAGTCAATCTGGAAGACATGCGCGGG	Hs.93564	10223	0.4807375	0.03670916	0.013992109	0.0642375	0.20110178	0.693810852										
HOMER2	NM_199330_bp217_R	AGCTAAAAGCGCATGTCTTCCAGATGACTCTCTTGAAGTCAATCTGGAAGACATGCGCGGG	Hs.93564	15599	0.0832625	1.73760985	0.90787204	-0.83805	1.32455002	0.60109753										
HOMER2	NM_199330_bp279_R	AGCTAAAAGGTCACCGTTTCCTACTTCTATCTCTTGAATAGAAGTAGGAACGGTGACCGG	Hs.93564	4845	0.8746625	0.13284082	0.001480641	0.4175125	0.6525114	0.22371311										
HOMER2	NM_199330_bp279_R	AGCTAAAAGGTCACCGTTTCCTACTTCTATCTCTTGAATAGAAGTAGGAACGGTGACCGG	Hs.93564	10221	-1.1307375	0.20144868	0.00066130	0.4396875	0.62332411	0.190400566										
HOMER2	NM_199330_bp279_R	AGCTAAAAGGTCACCGTTTCCTACTTCTATCTCTTGAATAGAAGTAGGAACGGTGACCGG	Hs.93564	15597	-0.1453375	0.55234158	0.585690882	0.5445875	0.22630825	0.023181826										
HOMER2	NM_199330_bp340_R	AGCTAAAAGGAGCCAAGGTGATCATAAACTCTCTTGAAGTTTATGATCACCTTGGCTCCGG	Hs.93564	4843	1.4336125	0.52037609	0.001817781	0.611875	0.17661387	0.011321343										
HOMER2	NM_199330_bp340_R	AGCTAAAAGGAGCCAAGGTGATCATAAACTCTCTTGAAGTTTATGATCACCTTGGCTCCGG	Hs.93564	10219	1.2106125	0.40710755	0.001906975	0.4639875	0.07906228	0.020803306										
HOMER2	NM_199330_bp340_R	AGCTAAAAGGAGCCAAGGTGATCATAAACTCTCTTGAAGTTTATGATCACCTTGGCTCCGG	Hs.93564	15595	2.7134125	1.617914	0.008055335	0.6893625	0.85400508	0.129393925										
HOP	BF575818_bp144_R	AGCTAAAAGACCCAGAAATGGTTTAAGCATCTCTTGAATGCTTAAACCCATTTCTGGGTCGG	Hs.121443	4353	-0.8899	0.27356919	0.003094661	-0.3432	0.55110011	0.249088547	-0.7844	0.14388395	0.01956225							
HOP	BF575818_bp144_R	AGCTAAAAGACCCAGAAATGGTTTAAGCATCTCTTGAATGCTTAAACCCATTTCTGGGTCGG	Hs.121443	9729	-0.7148	0.7444903	0.107610277	-0.6475	0.18574377	0.009558585	-1.0089	0.31756392	0.010393079							
HOP	BF575818_bp144_R	AGCTAAAAGACCCAGAAATGGTTTAAGCATCTCTTGAATGCTTAAACCCATTTCTGGGTCGG	Hs.121443	15105	-0.85205	0.28926565	0.004128247	0.0093	0.35415967	0.069820043	-0.85006667	0.30794175	0.019677251							
HOXA5	M920882_bp1105_R	AGCTAAAAGAAACGGCAGTTCATCAGAAATCTCTTGAATTTCTGATGAACTGCCGTTTTCGG	Hs.533357	4499	-0.306175	0.55581214	0.27648234	-0.307	0.54059605	0.289276391	0.174766667	0.99784117	0.698875685							
HOXA5	M920882_bp1105_R	AGCTAAAAGAAACGGCAGTTCATCAGAA

HPCAL1	AK093973_bp2080_R	AGCTAAAAAGCTGTTGTGTGGTATTTATGTCTCTTGAACATAAATACCACACAACAGCCGG	Hs.580427	14644	0.3505625	0.58079397	0.233931102								0.18935	0.27830454	0.390653912	
HPCAL1	AK093973_bp2216_R	AGCTAAAAAGTCTGGCATTTCCGGTATTAATCTCTTGAATTAATACCGGAAATGCCAGACGG	Hs.580427	3890	-0.939166667	0.42246005	0.017156967								-0.79395	0.28797697	0.008285154	
HPCAL1	AK093973_bp2216_R	AGCTAAAAAGTCTGGCATTTCCGGTATTAATCTCTTGAATTAATACCGGAAATGCCAGACGG	Hs.580427	9266	-1.0149375	0.30693764	0.002154452								-0.778375	0.30788166	0.009761898	
HPCAL1	AK093973_bp2216_R	AGCTAAAAAGTCTGGCATTTCCGGTATTAATCTCTTGAATTAATACCGGAAATGCCAGACGG	Hs.580427	14642	-0.9890875	0.37601134	0.003790795								-0.75345	0.31418166	0.011533282	
HPN	NM_182983_bp1011_R	AGCTAAAAAGCTCATGGTCTTTGACAAGCTCTCTTGAAGTCTTTGTCAAAGACCATGAGCGG	Hs.182385	1162	0.8446125	0.63627031	0.033125178								-0.0351	0.41203504	0.896604975	
HPN	NM_182983_bp1011_R	AGCTAAAAAGCTCATGGTCTTTGACAAGCTCTCTTGAAGTCTTTGTCAAAGACCATGAGCGG	Hs.182385	6538	0.7819375	0.62948131	0.042117565								-0.055	0.34884594	0.821787063	
HPN	NM_182983_bp1011_R	AGCTAAAAAGCTCATGGTCTTTGACAAGCTCTCTTGAAGTCTTTGTCAAAGACCATGAGCGG	Hs.182385	11914	0.8023625	0.66168787	0.043835898								-0.0621	0.31314628	0.791485739	
HPN	NM_182983_bp1765_R	AGCTAAAAGTCCCCATAATCAGCAATGATTCTCTTGAAATCATTGCTGATTATGGGGACGG	Hs.182385	2208	2.5074375	0.39146015	5.86E-05								1.457275	0.3891717	0.00061893	
HPN	NM_182983_bp1765_R	AGCTAAAAGTCCCCATAATCAGCAATGATTCTCTTGAAATCATTGCTGATTATGGGGACGG	Hs.182385	7584	2.4658625	0.52165304	0.000156529								1.392175	0.41043356	0.000874678	
HPN	NM_182983_bp1765_R	AGCTAAAAGTCCCCATAATCAGCAATGATTCTCTTGAAATCATTGCTGATTATGGGGACGG	Hs.182385	12960	2.4837875	0.47535123	0.000110692								1.4138	0.38469667	0.000709956	
HPN	NM_182983_bp1795_R	AGCTAAAAAGCGCTGACTTCTATGGAAACTCTCTTGAAGTTTCCATAGAAGTCAGCGCCGG	Hs.182385	1161	0.1115875	0.53521075	0.774229769								-0.2468	0.18879804	0.249782518	
HPN	NM_182983_bp1795_R	AGCTAAAAAGCGCTGACTTCTATGGAAACTCTCTTGAAGTTTCCATAGAAGTCAGCGCCGG	Hs.182385	6537	0.2718125	0.36486754	0.274989951								-0.25575	0.18392481	0.233583189	
HPN	NM_182983_bp1795_R	AGCTAAAAAGCGCTGACTTCTATGGAAACTCTCTTGAAGTTTCCATAGAAGTCAGCGCCGG	Hs.182385	11913	-0.0020875	0.51460023	0.873815804								-0.21905	0.22242838	0.311605403	
HRAS	NM_176795_bp273_R	AGCTAAAAGACACCCACTATAGAGGATTCCTCTCTTGAAGGAATCCTCTATAGTGGGGTCGG	Hs.37003	2204	-0.0165125	0.69723528	0.863640819								1.104925	1.15775219	0.360032464	
HRAS	NM_176795_bp273_R	AGCTAAAAGACACCCACTATAGAGGATTCCTCTCTTGAAGGAATCCTCTATAGTGGGGTCGG	Hs.37003	7580	0.1127625	0.68513879	0.809412684								1.0621	3.32235393	0.399708635	
HRAS	NM_176795_bp273_R	AGCTAAAAGACACCCACTATAGAGGATTCCTCTCTTGAAGGAATCCTCTATAGTGGGGTCGG	Hs.37003	12956	0.0970375	0.68476791	0.848562007								0.919925	3.07060611	0.428854969	
HRAS	NM_176795_bp321_R	AGCTAAAAGAGACGTGCCTGTTGGACATCTCTCTTGAAGATGTCCAACAGGCACGTCTCGG	Hs.37003	1160	-0.3914875	0.32824562	0.064188985								0.3861	0.39780807	0.136490056	
HRAS	NM_176795_bp321_R	AGCTAAAAGAGACGTGCCTGTTGGACATCTCTCTTGAAGATGTCCAACAGGCACGTCTCGG	Hs.37003	6536	-0.4493875	0.36716121	0.052273746								0.37035	0.4041986	0.152132362	
HRAS	NM_176795_bp321_R	AGCTAAAAGAGACGTGCCTGTTGGACATCTCTCTTGAAGATGTCCAACAGGCACGTCTCGG	Hs.37003	11912	-0.4320125	0.33353814	0.049999475								0.387475	0.43537743	0.146927005	
HRAS	NM_176795_bp404_R	AGCTAAAAGGGCTTCCTGTGTGTGTTTGCTCTCTTGAAGCAAACACACACAGGAAGCCCGG	Hs.37003	2206	0.1020875	0.78926596	0.853542729								2.0142	1.54620806	0.019941489	
HRAS	NM_176795_bp404_R	AGCTAAAAGGGCTTCCTGTGTGTGTTTGCTCTCTTGAAGCAAACACACACAGGAAGCCCGG	Hs.37003	7582	0.0767625	0.74145532	0.905884427								1.81765	1.28346952	0.028510491	
HRAS	NM_176795_bp404_R	AGCTAAAAGGGCTTCCTGTGTGTGTTTGCTCTCTTGAAGCAAACACACACAGGAAGCCCGG	Hs.37003	12958	0.1733125	0.73887382	0.683502632								0.4149	0.4874007	0.13952024	
HRK	NM_003806_bp442_R	AGCTAAAAGCGAGCAACAGGTTGGTGAAATCTCTTGAATTTCACCAACCTGTTGCTCGCGG	Hs.87247	816	-0.8734875	0.10785875	0.001337326								-0.03206667	0.88685655	0.938149866	
HRK	NM_003806_bp442_R	AGCTAAAAGCGAGCAACAGGTTGGTGAAATCTCTTGAATTTCACCAACCTGTTGCTCGCGG	Hs.87247	6192	-0.9003625	0.08185153	0.001060834								-0.09576667	0.95255846	0.82593313	
HRK	NM_003806_bp442_R	AGCTAAAAGCGAGCAACAGGTTGGTGAAATCTCTTGAATTTCACCAACCTGTTGCTCGCGG	Hs.87247	11568	-0.8635875	0.12808181	0.001534719								-0.01363333	0.9092352	0.974111847	
HRK	NM_003806_bp604_R	AGCTAAAAAGGGAGAGCCCTTTGGAAATCCATCTCTTGAATGGATTTCCAAAGGGCTTCCCGG	Hs.87247	2170											-1.0339			
HRK	NM_003806_bp604_R	AGCTAAAAAGGGAGAGCCCTTTGGAAATCCATCTCTTGAATGGATTTCCAAAGGGCTTCCCGG	Hs.87247	7546											-1.0438			
HRK	NM_003806_bp604_R	AGCTAAAAAGGGAGAGCCCTTTGGAAATCCATCTCTTGAATGGATTTCCAAAGGGCTTCCCGG	Hs.87247	12922											-0.9504			
HRK	NM_003806_bp637_R	AGCTAAAAGACACCCCAATGCTATTTACATCTCTTGAATGTAAATAGCATTGGGGTGTCGG	Hs.87247	829	0.091925	0.39863145	0.769129884								-0.1096			
HRK	NM_003806_bp637_R	AGCTAAAAGACACCCCAATGCTATTTACATCTCTTGAATGTAAATAGCATTGGGGTGTCGG	Hs.87247	6205	-0.40545													
HRK	NM_003806_bp637_R	AGCTAAAAGACACCCCAATGCTATTTACATCTCTTGAATGTAAATAGCATTGGGGTGTCGG	Hs.87247	11581														
HSP90AA1	NM_005348_bp108_R	AGCTAAAAAGGTTGAGACGTTCGCCTTTCATCTCTTGAATGAAAGGCGAACGTCTCAACCGG	Hs.525600	2200	1.5130875	2.40691787	0.176756366								1.32425	1.40226346	0.08163721	
HSP90AA1	NM_005348_bp108_R	AGCTAAAAGGTTGAGACGTTCGCCTTTCATCTCTTGAATGAAAGGCGAACGTCTCAACCGG	Hs.525600	7576	1.5607125	2.41588585	0.166811963								0.8493	0.91316113	0.083524436	
HSP90AA1	NM_005348_bp108_R	AGCTAAAAGGTTGAGACGTTCGCCTTTCATCTCTTGAATGAAAGGCGAACGTCTCAACCGG	Hs.525600	12952	1.7708375	2.64173042	0.152747098								0.583725	1.06736318	0.206517181	
HSP90AA1	NM_005348_bp1582_R	AGCTAAAAGCTGGAACGTTCTCGGAAACATTCTCTTGAAAGGTTTCCGAAGACGTTCCACGG	Hs.525600	2202	0.7430125	0.59341709	0.043985842								0.394675	0.33293564	0.109775126	
HSP90AA1	NM_005348_bp1582_R	AGCTAAAAGCTGGAACGTTCTCGGAAACATTCTCTTGAAAGGTTTCCGAAGACGTTCCACGG	Hs.525600	7578	0.7467375	0.52436564	0.032043326								0.3777	0.50463999	0.178287956	
HSP90AA1	NM_005348_bp1582_R	AGCTAAAAGTGGAACGTCTTCGGAAACATTCTCTTGAAAGTGTTTCCGAAGACGTTCCACGG	Hs.525600	12954	0.8245875	0.58939925	0.030062934								0.5216	0.27334963	0.040749624	
HSP90AA1	NM_005348_bp2041_R	AGCTAAAAGTTGGTCATCTTGCTTTATTCTCTTGAAATAAAGCAAGATGACCAGATCGG	Hs.525600	1159	-0.4463375	0.48942256	0.077300427								0.04945	0.19774601	0.791937678	
HSP90AA1	NM_005348_bp2041_R	AGCTAAAAGATTGGTCATCTTGCTTTATTCTCTTGAATAAAGCAAGATGACCAGATCGG	Hs.525600	6535	-0.4336875	0.56374178	0.120756679								-0.06645	0.19733901	0.756092037	
HSP90AA1	NM_005348_bp2041_R	AGCTAAAAGATCTGGTCATCTTGCTTTATTCTCTTGAAATAAAGCAAGATGACCAGATCGG	Hs.525600	11911	-0.4635125	0.49581123	0.08136234								0.06985	0.20649049	0.717599009	
HSP90AB1	NM_007355_bp1518_R	AGCTAAAGACACACAGAAGTCCATCTATTATCTCTTGAATAATAGATGGACTTCTGTGTCGG	Hs.509736	2194	-0.0818375	0.66117763	0.693141765								2.0009	2.66500557	0.078642034	
HSP90AB1	NM_007355_bp1518_R	AGCTAAAGACACACAGAAGTCCATCTATTATCTCTTGAATAATAGATGGACTTCTGTGTCGG	Hs.509736	7570	0.0438375	0.70308737	0.984361205								1.749	2.30272131	0.077263656	
HSP90AB1	NM_007355_bp1518_R	AGCTAAAGACACACAGAAGTCCATCTATTATCTCTTGAATAATAGATGGACTTCTGTGTCGG	Hs.509736	12946	-0.1009375	0.52098738	0.587361154								3.94395	1.14049253	0.001326717	
HSP90AB1	NM_007355_bp712_R	AGCTAAAAGCTATCCCATCACCCTTTATTCTCTTGAAATAAAGGGTGATGGGATAGCCGG	Hs.509736	1156	-0.8779125	0.68090059	0.026304614								-0.0656	0.39993568	0.79667568	
HSP90AB1	NM_007355_bp712_R	AGCTAAAAGCTATCCCATCACCCTTTATTCTCTTGAAATAAAGGGTGATGGGATAGCCGG	Hs.509736	6532	-0.8997875	0.76385593	0.033842426								-0.036225	0.37052842	0.889170918	
HSP90AB1	NM_007355_bp712_R	AGCTAAAAGGCTATCCCATCACCCTTTATTCTCTTGAAATAAAGGGTGATGGGATAGCCGG	Hs.509736	11908	-0.7373375	0.78500743	0.065892105								0.01145	0.37046343	0.947791638	
HSP90AB1	NM_007355_bp866_R	AGCTAAAAGCGTAAGGATAAGGAAGAAGATCTCTTGAATCTTTCTATCCTTACCGCCGG	Hs.509736	1157	0.8920375	0.43525893	0.009979068								0.048775	0.47467855	0.837120046	
HSP90AB1	NM_007355_bp866_R	AGCTAAAAGCGGTAAGGATAAGGAAGAAGATCTCTTGAATCTTTCTATCCTTACCGCCGG	Hs.509736	6533	0.8267375	0.33129597	0.007382792								-0.0033	0.45999244	0.998449681	
HSP90AB1	NM_007355_bp866_R	AGCTAAAAGCGGTAAGGATAAGGAAGAAGATCTCTTGAATCTTTCTATCCTTACCGCCGG	Hs.509736	11909	0.8407625	0.36090693	0.008250563								0.03585	0.43029969	0.870861603	
HSP90B1	NM_003299_bp1749_R	AGCTAAAAGCTGAATCTCTCCATTTGTTCTCTTGAAACAAATGGAGAAGATTCAGCCGG	Hs.192374	1019	1.3860625	0.39622009	0.060958541								-0.0270625	0.58437577	0.924210964	
HSP90B1	NM_003299_bp1749_R	AGCTAAAAGCTGAATCTCTCCATTTGTTCTCTTGAAACAAATGGAGAAGATTCAGCCGG	Hs.192374	6395	1.3053625	0.22090714	0.000381042								-0.0492875	0.56091308	0.859458625	
HSP90B1	NM_003299_bp1749_R	AGCTAAAAGCTGAATCTCTCCATTTGTTCTCTTGAAACAAATGGAGAAGATTCAGCCGG	Hs.192374	11771	1.2970625	0.29927625	0.000667781								-0.0843625	0.39590327	0.723497717	
HSP90B1	NM_003299_bp2189_R	AGCTAAAAAGAGACATGCTTCGACGAATTATCTCTTGAATAATTCGTCGAAGCATGTCTCGG	Hs.192374	1018	0.9924375	0.51895639	0.008789097								0.6039125	0.48516538	0.050132317	
HSP90B1	NM_003299_bp2189_R	AGCTAAAAAGAGACATGCTTCGACGAATTATCTCTTGAATAATTCGTCGAAGCATGTCTCGG	Hs.192374	6394	1.0671625	0.50747683	0.006116649								0.6183375	0.47733324	0.045111743	
HSP90B1	NM_003299_bp2189_R	AGCTAAAAAGAGACATGCTTCGACGAATTATCTCTTGAATAATTCGTCGAAGCATGTCTCGG	Hs.192374	11770	1.0687875	0.52553514	0.006732752								0.5927125	0.48480797	0.053276659	
HSP90B1	NM_003299_bp683_R	AGCTAAAAGCCCAGTTTGGTGTCGGTTTCTTCTCTTGAAAGAAACCGACACCAAACTGGCGGG	Hs.192374	12803														
HSPC049	AK124765_bp1616_R	AGCTAAAAGGGGTCTAACTCTGATAATAATCTCTTGAATTATTATCAGAGTTAGACCCCGG	Hs.459858	4192	-0.3665375	0.14854155	0.048677004								0.54355	0.31861568	0.042159784	
HSPC049	AK124765_bp1616_R	AGCTAAAAGGGGTCTAACTCTGATAATAATCTCTTGAATTATTATCAGAGTTAGACCCCGG	Hs.459858	9568	-0.2680125	0.33928131	0.205290717								0.52365	0.20148556	0.034795286	
HSPC049	AK124765_bp1616_R	AGCTAAAAGGGGTCTAACTCTGATAATAATCTCTTGAATTATTATCAGAGTTAGACCCCGG	Hs.459858	14944	-0.2140375	0.54356445	0.425318736								0.548925	0.61217989	0.097283254	
HSPC049	AK124765_bp766_R	AGCTAAAAGCTGCAGGATTCAGATAGATCTCTTGAATCTATTCTGAACCTCGCAGCCGG	Hs.459858	4196	2.0919										-0.383325	0.11860468	0.082848909	
HSPC049	AK124765_bp766_R	AGCTAAAAGCTGCAGGATTCAGATAGATCTCTTGAATCTATTCTGAACCTCGCAGCCGG	Hs.459858	9572	1.17515	0.17133197	0.017219256								-0.54105	0.29518614	0.039928457	
HSPC049	AK124765_bp766_R	AGCTAAAAGCGCTGCAGGATTCAGATAGATCTCTTGAATCTTATCTGAACCTCGCAGCCGG	Hs.459858	14948	1.0725	0.10620744	0.020598592								-0.3715	0.18899674	0.100423127	
HSPC049	AK124765_bp943_R	AGCTAAAAGGAGTTGGCATCCTTATGATCTCTTGAATCATAAGGATAGCCAACTCCCGG	Hs.459858	4194	-0.4196875	0.33428015	0.070019718								-0.0956	0.436029	0.699714495	
HSPC049	AK124765_bp943_R	AGCTAAAAGGAGTTGGCATCCTTATGATCTCTTGAATCATAAGGATAGCCAACTCCCGG	Hs.459858	9570	-0.4019625	0.16994409	0.039187902								0.129775	0.27751458	0.549350138	
HSPC049	AK124765_bp943_R	AGCTAAAAGGGAGTTGGCTATCCTTATGATCTCTTGAATCATAAGGATAGCCAACTCCCGG	Hs.459858	14946	-0.3359125	0.22747936	0.084316994								-0.0581	0.3072428	0.7911536	
HSPC065	NM_014157_bp185_R	AGCTAAAGACTGAGATGTTTGAGAAATATCTCTTGAAATATTCTCAAACATCTCAGTCGG	Hs.11614	3210	0.72185	0.16982942	0.004150979								0.625166667	0.95237062	0.18953806	0.7573	0.60367202	0.087015775	0.37595	0.35078032	0.121450015
HSPC065	NM_014157_bp185_R	AGCTAAAGACTGAGATGTTTGAGAAATATCTCTTGAAATATTCTCAAACATCTCAGTCGG	Hs.11614	8586	0.449225	0.32437658	0.054774906								0.301466667	1.65453197	0.657384441	0.753175	0.68102638	0.113901501	0.436725	0.34968084	0.087873148	
HSPC065	NM_014157_bp185_R	AGCTAAAAGACTGAGATGTTTGAGAAATATCTCTTGAAATATTCTCAAACATCTCAGTCGG	Hs.11614	13962	0.61685	0.49218777	0.043639188								0.169666667	0.60765262	0.614450796	0.762925	0.60916805	0.087335718	0.423575	0.40169335	0.125492611	
HSPC065	NM_014157_bp289_R	AGCTAAAAGGCGAGGCGCTAGATCCAAATTCTCTTGAAATTTGGATCTACGCCTGCCTCGG	Hs.11614	1212	0.211145	0.84193828	0.572359044								0.0226625	0.32853768	0.919026406	0.013375	0.60096619	0.967293649	0.605375	0.74822957	0.204060063	
HSPC065	NM_014157_bp289_R	AGCTAAAAGGCGAGGCGCTAGATCCAAATTCTCTTGAAATTTGGATCTACGCCTGCCTCGG	Hs.11614	8588	0.2252	0.69325727	0.48327652								0.0302125	0.37483235	0.896633241	0.052675	0.66473442	0.884142745	0.74165	0.76661307	0.148455203	
HSPC065	NM_014157_bp289_R	AGCTAAAAGGCGAGGCGCTAGATCCAAATTCTCTTGAAATTTGGATCTACGCCTGCCTCGG	Hs.11614	13964	0.171525	0.7578327	0.651188473								0.0778875	0.35007118	0.733012288	0.023025	0.60443072	0.944066368	0.717533333	0.81448757	0.266567371	
HSPCA3	NM_084514_bp1978_R	AGCTAAAAGCTGCTCATCTTGCTTAACTCTCTTGAAGTAAAGCGAAGATGAGCAGATCGG	Hs.421649	2198	1.0828875	0.83805555	0.029164479								5.3583	1.34166441	0.000593616							
HSPCA3	NM_084514_bp1978_R	AGCTAAAAGATCTGCTCATCTTGCTTAACTCTCTTGAAGTAAAGCGAAGATGAGCAGATCGG	Hs.421649	7574	0.4574375	0.55052148	0.151400087								4.446	1.38239033	0.000420646							
HSPCA3	NM_084514_bp1978_R	AGCTAAAAGATCTGCTCATCTTGCTTAACTCTCTTGAAGTAAAGCGAAGATGAGCAGATCGG	Hs.421649	12950	0.907483333	0.56276849	0.036932277								3.83425	1.3295582	0.02117241							
HSPCA3	NM_084514_bp48_R	AGCTAAAAGGTTGAGACATTCGCCTTTCATCTCTTGAATGAAAGGCGAATGTCTCAACCGG	Hs.421649	2196	0.5591875	0.78253185	0.172859728								0.386225	0.81045364	0.288746975							
HSPCA3	NM_084514_bp48_R	AGCTAAAAGGTTGAGACATTCGCCTTTCATCTCTTGAATGAAAGGCGAATGTCTCAACCGG	Hs.421649	7572	0.0496125	0.47802334	0.959636273								0.2957	0.69751541	0.361161998							
HSPCA3	NM_084514_bp48_R	AGCTAAAAGGTTGAGACATTCGCCTTTCATCTCTTGAATGAAAGGCGAATGTCTCAACCGG	Hs.421649	12948	0.6897625	0.83474868	0.118739526								0.3768	0.83456495	0.308831803							
HSPCA3	NM_084514_bp666_R	AGCTAAAAAGGAGAAGGAATGTGATAAAGATCTCTTGAATCTTTATCACATTCCTTCTCCGG	Hs.421649	1158	-0.0508875	0.20118737	0.584253888								-0.145875	0.66496801	0.644947755							
HSPCA3	NM_084514_bp666_R	AGCTAAAAAGGAGAAGGAATGTGATAAAGATCTCTTGAATCTTTATCACATTCCTTCTCCGG	Hs.421649	6534	-0.1160875	0.12918432	0.319043061								-0.162225	0.68290593	0.614188721							
HSPCA3	NM_084514_bp666_R	AGCTAAAAAGGAGAAGGAATGTGATAAAGATCTCTTGAATCTTTATCACATTCCTTCTCCGG	Hs.421649	11910	-0.0945375	0.16138776	0.40071252								-0.164025	0.68428332	0.610651521							
HTR2B	NM_000867_bp1068_R	AGCTAAAAGCCCATTCCAGTCCCTATTAAATCTCTTGAATTTAATAGGGGACTGGAATGGCGG	Hs.421649	2718	-0.310325	0.60147235	0.296001738								-1.268775	0.43690343	0.001643503							
HTR2B	NM_000867_bp1068_R	AGCTAAAAGCCCATTCCAGTCCCTATTAAATCTCTTGAATTTAATAGGGGACTGGAATGGCGG	Hs.421649	8094	-0.40655	0.53559669	0.156601496								-1.133	0.35190746	0.001950217							
HTR2B	NM_000867_bp1068_R	AGCTAAAAGCCCATTCCAGTCCCTATTAAATCTCTTGAATTTAATAGGGGACTGGAATGGCGG	Hs.421649	13470	-0.307825	0.60208013	0.299819936								-1.185625	0.44959926	0.002469418							
HTR2B	NM_000867_bp1522_R	AGCTAAAAGTCCCTTCTTTATTACAAATATCTCTTGAATATTTGTAATAAAGAAGGGACGG	Hs.421649	2714	-0.8	0.11039979	0.002007808								-0.01745	0.62029086	0.952734646							
HTR2B	NM_000867_bp1522_R	AGCTAAAAGTCCCTTCTTTATTACAAATATCTCTTGAATATTTGTAATAAAGAAGGGACGG	Hs.421649	8090	-1.1731	0.76016874	0.014620692								-0.43695	0.5899628	0.161400708							
HTR2B	NM_000867_bp1522_R	AGCTAAAAGTCCCTTCTTTATTACAAATATCTCTTGAATATTTGTAATAAAGAAGGGACGG	Hs.421649	13466	-0.8755	0.45981999	0.010426218								0.00815	0.32798017	0.98002715							
HTR2B	NM_000867_bp1672_R	AGCTAAAAGGGGATGCATTTGGCCGATATATCTCTTGAATATATCGGCCAAATGCATCCCGG	Hs.421649	2716	-0.24245	0.29979906	0.221367776								-1.614175	0.16966525	0.000133348							
HTR2B	NM_000867_bp1672_R	AGCTAAAAGGGGATGCATTTGGCCGATATATCTCTTGAATATATCGGCCAAATGCATCCCGG	Hs.421649	8092	-0.22815	0.27287856	0.229737215								-1.50425	0.38718015	0.000518277							
HTR2B	NM_000867_bp1672_R	AGCTAAAAGGGGATGCATTTGGCCGATATATCTCTTGAATATATCGGCCAAATGCATCCCGG	Hs.421649	13468	-0.12615	0.246329	0.467677658								-1.60295	0.84567118	0.003490404							
HUNK	NM_014586_bp1170_R	AGCTAAAAAGAGGGCTTTGACCAGAAGATTCTCTTGAAATCTTCTGGTACAAAGCCCTCGG	Hs.109437	478	3.3599	3.320581	0.069087872	-0.05785	2.70291567	0.96609038								
HUNK	NM_014586_bp1170_R	AGCTAAAAAGAGGGCTTTGACCAGAAGATTCTCTTGAAATCTTCTGGTACAAAGCCCTCGG	Hs.109437	5854	4.548933333	3.61071732	0.037010084	1.0125	7.05746213	0.761488314								
HUNK	NM_014586_bp1170_R	AGCTAAAAAGAGGGCTTTGACCAGAAGATTCTCTTGAAATCTTCTGGTACAAAGCCCTCGG	Hs.109437	11230	4.275966667	3.32925294	0.035038638	0.9562	6.76921334	0.765028673								
HUNK	NM_014586_bp1305_R	AGCTAAAAGGCGAATCGCTGGCTTAATGATCTCTTGAATCATTAAGCCAGCGATTCGCCGG	Hs.109437	5855	-4.654633333	2.98197889	0.01903998	-3.91585	2.13171481	0.039570311								
HUNK	NM_014586_bp1305_R	AGCTAAAAGGCGAATCGCTGGCTTAATGATCTCTTGAATCATTAAGCCAGCGATTCGCCGG	Hs.109437	11231	-4.8142	2.97618516	0.016929355	-4.65925	1.29775308	0.009285998								
HUNK	NM_014586_bp1305_R	AGCTAAAAGGCGAATCGCTGGCTTAATGATCTCTTGAATCATTAAGCCAGCGATTCGCCGG	Hs.109437	479	-0.45485													
HUNK	NM_014586_bp1485_R	AGCTAAAAAGGCCATCTACTTCCTCTTAAATCTCTTGAATTTAAGAGGAAGTAGATGGCCGG	Hs.109437	480	-0.23335	1.49343276	0.70955717	1.4973										
HUNK	NM_014586_bp1485_R	AGCTAAAAAGGCCATCTACTTCCTCTTAAATCTCTTGAATTTAAGAGGAAGTAGATGGCCGG	Hs.109437	5856	-0.0905	1.3508774	0.873017137	-0.871333333	3.17500147	0.570970685								
HUNK	NM_014586_bp1485_R	AGCTAAAAAGGCCATCTACTTCCTCTTAAATCTCTTGAATTTAAGAGGAAGTAGATGGCCGG	Hs.109437	11232	-0.148825	1.42625987	0.803213666	-0.9284	2.8934029	0.512045285								
HYPB	NM_012271_bp2034_R	AGCTAAAAGCCCCAGAAATTGTGTCTACATCTCTTGAATGTAGACACAATTTCTGGGGCCGG	Hs.109437	3125	-1.166725	0.80856912	0.0181791								-1.10725	0.51893752	0.004801455							
HYPB	NM_012271_bp2034_R	AGCTAAAAGCCCCAGAAATTGTGTCTACATCTCTTGAATGTAGACACAATTTCTGGGGCCGG	Hs.109437	8501	-0.879275	0.3091121	0.004093475								-0.7938	0.86905456	0.065604863							
HYPB	NM_012271_bp2034_R	AGCTAAAAGCCCCAGAAATTGTGTCTACATCTCTTGAATGTAGACACAATTTCTGGGGCCGG	Hs.109437	13877	-1.1723	0.40166298	0.002124339								-0.9017	0.46972132	0.009910436							
HYPB	NM_012271_bp3696_R	AGCTAAAAGAGAGGTACTCGATCATAAATCTCTTGAATTTATGATCGAGTACCTCTTCCGG	Hs.109437	3123	1.549125	0.71235652	0.003765774								0.30635	0.27984418	0.185334991							
HYPB	NM_012271_bp3696_R	AGCTAAAAAGGAGAGGTACTCGATCATAAATCTCTTGAATTTATGATCGAGTACCTCTTCCGG	Hs.109437	8499	1.295275	0.65901412	0.006162855								0.63025	0.32676751	0.025130172							
HYPB	NM_012271_bp3696_R	AGCTAAAAAGGAGAGGTACTCGATCATAAATCTCTTGAATTTATGATCGAGTACCTCTTCCGG	Hs.109437	13875	1.4791	0.77680899	0.006219042								0.471425	0.44815538	0.09547748							
HYPB	NM_012271_bp4131_R	AGCTAAAAGGTGAGGGTCTCTCTGATAAATCTCTTGAATTTATCAGAGAGACCCTCACCGG	Hs.109437	3121	-0.434425	0.27547121	0.048521276								0.3415	0.88039603	0.376006392							
HYPB	NM_012271_bp4131_R	AGCTAAAAGGTGAGGGTCTCTCTGATAAATCTCTTGAATTTATCAGAGAGACCCTCACCGG	Hs.109437	8497	-0.40785	0.35194682	0.081720154								0.3629	0.795601	0.316081788							
HYPB	NM_012271_bp4131_R	AGCTAAAAGGTGAGGGTCTCTCTGATAAATCTCTTGAATTTATCAGAGAGACCCTCACCGG	Hs.109437	13873	-0.2717	0.2676858	0.161700706								0.407325	0.76343283	0.253250646							
IBRDC2 NM_182757_bp1138_R AGCTAAAAAGGCCTCCCCATGATAATCTGTCTCTTGAACAGAATATACATGGGGAGAGCCGG Hs.148741 3562 -0.973566667 0.15278434 0.00538767 -0.09415 0.08308505 0.77773879 1
IBRDC2 NM_182757_bp1138_R AGCTAAAAAGGCCTCCCCATGATAATCTGTCTCTTGAACAGAATATACATGGGGAGAGCCGG Hs.148741 14314 -0.8936 0.24233908 0.009875642 -0.2681875 0.2046817 0.215320151
IBRDC2 NM_182757_bp1138_R AGCTAAAAAGGCCTCCCCATGATAATCTGTCTCTTGAACAGAATATACATGGGGAGAGCCGG Hs.148741 8938 -0.9269 0.20731576

ID1	NM_181353_bp541_R	AGCTAAAAAGACCACTAGATCATCCTTATATCTCTTGAATATAAGGATGATCTAGTGGTCGG	Hs.504609	11907	-0.5346625	0.3645343	0.029972773					-0.20075	0.59282041	0.497737124								
ID2	CR623038_bp1094_R	AGCTAAAAAGACTGTGATATTCGTATTTATCTCTTGAATAAATAACGAATATCACAGTCGG	Hs.180919	4717	-0.402275	0.4163879	0.10878159	0.13775	0.24616938	0.44218744	-0.65426667	0.8799489	0.154431506									
ID2	CR623038_bp1094_R	AGCTAAAAAGACTGTGATATTCGTATTTATCTCTTGAATAAATAACGAATATCACAGTCGG	Hs.180919	10093	-0.57405	0.88280089	0.176443383	-0.21755	0.49323674	0.409184017	-0.099	0.4550196	0.738627261									
ID2	CR623038_bp1094_R	AGCTAAAAAGACTGTGATATTCGTATTTATCTCTTGAATAAATAACGAATATCACAGTCGG	Hs.180919	15469	-0.40645	0.17285995	0.038222953	-0.118975	0.41999289	0.605770435	-0.47466667	0.37765109	0.132743613									
ID2	CR623038_bp1327_R	AGCTAAAAGCCTACTGAATGCTGTGTATATCTCTTGAATATACACAGCATTCAGTAGGCGG	Hs.180919	4721	-0.170725	0.48970265	0.489951832	0.323725	0.62401353	0.313813266	-0.4652	0.35805266	0.134773463									
ID2	CR623038_bp1327_R	AGCTAAAAGCCTACTGAATGCTGTGTATATCTCTTGAATATACACAGCATTCAGTAGGCGG	Hs.180919	10097	-0.176975	0.47007637	0.463452299	0.4661	0.68811761	0.198410536	-0.7094	0.33024156	0.039081103									
ID2	CR623038_bp1327_R	AGCTAAAAGCCTACTGAATGCTGTGTATATCTCTTGAATATACACAGCATTCAGTAGGCGG	Hs.180919	15473	-0.199775	0.19349561	0.238627862	0.21705	0.24331436	0.246140268	-0.8899	0.23080007	0.013976915									
ID2	CR623038_bp1416_R	AGCTAAAAGTGGCAGAGATGTCTATTTCTTCTCTTGAAAGAAATAGACATCTCTGCCACGG	Hs.180919	4719	1.5546	0.50573542	0.001160794	-0.5286	0.26254692	0.029328765	-0.3836	0.43240204	0.222544039									
ID2	CR623038_bp1416_R	AGCTAAAAGTGGCAGAGATGTCTATTTCTTCTCTTGAAAGAAATAGACATCTCTGCCACGG	Hs.180919	10095	1.6349	0.52783138	0.001058038	-0.486825	0.19768088	0.027911531	-0.473	0.19173656	0.102477546									
ID2	CR623038_bp1416_R	AGCTAAAAGTGGCAGAGATGTCTATTTCTTCTCTTGAAAGAAATAGACATCTCTGCCACGG	Hs.180919	15471	1.5318	0.36964066	0.000501001	-0.4493			-0.9075											
ID3	BM906235_bp1093_R	AGCTAAAACCAGCGACCATGCCACATAATTCTCTTGAAATTATGTGGCATGGTCGCTGGGGG	Hs.76884	4457	-0.70395	0.79487482	0.088331058	-0.7054	0.53021085	0.042808911	-0.26903333	0.68795132	0.460668679									
ID3	BM906235_bp1093_R	AGCTAAAACCAGCGACCATGCCACATAATTCTCTTGAAATTATGTGGCATGGTCGCTGGGGG	Hs.76884	9833	-1.06965	0.76096733	0.020727451	-0.521275	0.25878123	0.030120931	-0.2356	0.73898805	0.531501427									
ID3	BM906235_bp1093_R	AGCTAAAACCAGCGACCATGCCACATAATTCTCTTGAAATTATGTGGCATGGTCGCTGGGGG	Hs.76884	15209	-0.781125	0.46950768	0.017088055	-0.5988	0.45657298	0.051046257	-0.4382	0.27573707	0.137055588									
ID3	BM906235_bp1302_R	AGCTAAAAGCACCACTGCTGCTCTGTTATTCTCTTGAAATAACAGAGCAGCAGTGGTGCGG	Hs.76884	4455	0.250175	0.80250431	0.490152264	-0.14675	0.36434581	0.493258154	0.012433333	1.27735958	0.981665971									
ID3	BM906235_bp1302_R	AGCTAAAAGCACCACTGCTGCTCTGTTATTCTCTTGAAATAACAGAGCAGCAGTGGTGCGG	Hs.76884	9831	0.30785	0.67281807	0.3376676	-0.182475	0.29244153	0.351882531	0.2104	1.42953728	0.724692298									
ID3	BM906235_bp1302_R	AGCTAAAAGCACCACTGCTGCTCTGTTATTCTCTTGAAATAACAGAGCAGCAGTGGTGCGG	Hs.76884	15207	-0.085025	0.66074828	0.778437814	-0.2426	0.41210183	0.496901194	1.3035	2.20391042	0.190236024									
ID3	BM906235_bp939_R	AGCTAAAACTCTCCTTTCTTAACGTGTCATCTCTTGAATGACACGTTAAGAAAGGAGAGGG	Hs.76884	4459	-0.680475	0.65712837	0.0624868	-0.4061	0.25721906	0.064174406	-0.4326	0.51270939	0.19964817									
ID3	BM906235_bp939_R	AGCTAAAACTCTCCTTTCTTAACGTGTCATCTCTTGAATGACACGTTAAGAAAGGAGAGGG	Hs.76884	9835	-0.658725	0.61643279	0.05929319	-0.441325	0.43122515	0.10549223	-0.46823333	0.47182033	0.159685506									
ID3	BM906235_bp939_R	AGCTAAAACTCTCCTTTCTTAACGTGTCATCTCTTGAATGACACGTTAAGAAAGGAGAGGG	Hs.76884	15211	-0.602725	0.64980611	0.085923137	-0.5501	0.31731929	0.034102735	-0.45016667	0.47738639	0.174913035									
IER3	NM_052815_bp118_R	AGCTAAAAGCTCCGGTCCTGAGATCTTCATCTCTTGAATGAAGATCTCAGGACCGGAGCGG	Hs.591785	926	-1.0062875	0.50641136	0.00774829					0.3409375	0.09434581	0.111317983	0.0286	0.44515257	0.905887326	0.13825	0.34739137	0.484233732		
IER3	NM_052815_bp118_R	AGCTAAAAGCTCCGGTCCTGAGATCTTCATCTCTTGAATGAAGATCTCAGGACCGGAGCGG	Hs.591785	6302	-1.0589875	0.4957541	0.005903728					0.3180875	0.16338318	0.142755354	0.038025	0.42128497	0.868251109	0.17305	0.36152197	0.409020168		
IER3	NM_052815_bp118_R	AGCTAAAAGCTCCGGTCCTGAGATCTTCATCTCTTGAATGAAGATCTCAGGACCGGAGCGG	Hs.591785	11678	-1.0341125	0.51464243	0.002756388					0.3340375	0.19165231	0.132336391	-0.00675	0.35623544	0.97215113	0.211575	0.32261793	0.280996863		
IER3	NM_052815_bp564_R	AGCTAAAACTCTGGACCTCAGGCACTTTCTCTCTTGAAGAAAGTGCTGAGGTCCAGAGCGG	Hs.591785	927	-1.0604375	0.73180784	0.018982668					-0.1079625	2.35395504	0.90250466	-0.123933333	0.98763407	0.848096295	0.706525	0.5990429	0.099503949		
IER3	NM_052815_bp564_R	AGCTAAAACTCTGGACCTCAGGCACTTTCTCTCTTGAAGAAAGTGCTGAGGTCCAGAGCGG	Hs.591785	6303	-1.1142375	0.69151252	0.013199054					-0.1116625	2.3172717	0.889092662	-0.229966667	0.78824396	0.663520788	0.770175	0.57439976	0.074942516		
IER3	NM_052815_bp564_R	AGCTAAAACTCTGGACCTCAGGCACTTTCTCTCTTGAAGAAAGTGCTGAGGTCCAGAGCGG	Hs.591785	11679	-1.0912875	0.75444821	0.018748997					-0.1064875	2.25941892	0.90002321	-0.4191	0.96625591	0.53086821	0.708225	0.4863181	0.06186602		
IFI35	BC001356_bp326_R	AGCTAAAAGCCTAAGTCTTTAGTTTCCAATCTCTCTTGAATTGGAAACTAAAGACTTAGGCGG	Hs.50842	4839	-0.5924125	0.15498697	0.00879686	-0.4400875	0.59510206	0.177058647												
IFI35	BC001356_bp326_R	AGCTAAAAGCCTAAGTCTTTAGTTTCCAATCTCTCTTGAATTGGAAACTAAAGACTTAGGCGG	Hs.50842	10215	-0.4361625	0.10831483	0.023662335	-0.3602875	0.49609952	0.200238542												
IFI35	BC001356_bp326_R	AGCTAAAAGCCTAAGTCTTTAGTTTCCAATCTCTCTTGAATTGGAAACTAAAGACTTAGGCGG	Hs.50842	15591	-2.22515	1.35498575	0.018041777	-0.321066667	0.31139496	0.222670579												
IFI35	BC001356_bp711_R	AGCTAAAAGACTCAGGCGTCTGTGCCAAATCTCTCTTGAAGATTTGGCACAGACGCTGAGCGG	Hs.50842	4841	-0.4949125	0.10228591	0.014520877	-0.0284125	0.23676679	0.867787967												
IFI35	BC001356_bp711_R	AGCTAAAAGACTCAGGCGTCTGTGCCAAATCTCTCTTGAAGATTTGGCACAGACGCTGAGCGG	Hs.50842	10217	-0.5668375	0.24005787	0.016115855	-0.0614125	0.17225894	0.695248886												
IFI35	BC001356_bp711_R	AGCTAAAAGACTCAGGCGTCTGTGCCAAATCTCTCTTGAAGATTTGGCACAGACGCTGAGCGG	Hs.50842	15593	-0.4536125	0.17003854	0.025945661	-0.1083625	0.20891644	0.518181367												
IFI35	BC001356_bp849_R	AGCTAAAAGTGCTCAACATTCCTGATATCTCTCTTGAAGATATCAGGAATGTTGAGCACGG	Hs.50842	4837	-0.9311125	0.18132132	0.001434743	-0.5618375	0.4240835	0.05337043												
IFI35	BC001356_bp849_R	AGCTAAAAGTGCTCAACATTCCTGATATCTCTCTTGAAGATATCAGGAATGTTGAGCACGG	Hs.50842	10213	-0.9713375	0.15000201	0.000997856	-0.5838375	0.55477188	0.081227723												
IFI35	BC001356_bp849_R	AGCTAAAAGTGCTCAACATTCCTGATATCTCTCTTGAAGATATCAGGAATGTTGAGCACGG	Hs.50842	15589	-0.9276875	0.22438319	0.00188608	-0.5064375	0.4999281	0.096311904												
IFI44	BX537508_bp235_R	AGCTAAAACCACCGCATTTAGTATTACATCTCTTGAATGTAATACTAAATGCGGTGGCGG	Hs.82316	4599	-0.355025	1.22445522	0.501784343	-0.3779	0.28285505	0.086982273	-0.1531	0.75651806	0.684761715									
IFI44	BX537508_bp235_R	AGCTAAAACCACCGCATTTAGTATTACATCTCTTGAATGTAATACTAAATGCGGTGGCGG	Hs.82316	9975	-0.3154	1.03548653	0.487157497	-0.49015	0.16541549	0.02352637	0.138933333	0.69319068	0.698358178									
IFI44	BX537508_bp235_R	AGCTAAAACCACCGCATTTAGTATTACATCTCTTGAATGTAATACTAAATGCGGTGGCGG	Hs.82316	15351	-0.170675	0.94373598	0.677686295	-0.4835	0.13966806	0.022107839	-0.29013333	0.67328011	0.423307043									
IFI44	BX537508_bp2610_R	AGCTAAAAGTACGTGTGCTCCTAATATTATCTCTTGAATAATATTAGGAGCACACGTACGG	Hs.82316	4597	-0.2251	0.28171134	0.453557168					1.9494										
IFI44	BX537508_bp2610_R	AGCTAAAAGTACGTGTGCTCCTAATATTATCTCTTGAATAATATTAGGAGCACACGTACGG	Hs.82316	9973	-0.6995							1.4226										
IFI44	BX537508_bp2610_R	AGCTAAAAGTACGTGTGCTCCTAATATTATCTCTTGAATAATATTAGGAGCACACGTACGG	Hs.82316	15349	-0.3903	0.05854844	-0.19776735					1.2043										
IFI44	BX537508_bp496_R	AGCTAAAAGCCAGTGTGTTACTCTCTTATTCTCTCTTGAAATAAGAGAGTAACACACTGGCGG	Hs.82316	4601	-0.38555	0.55935535	0.186409605	-0.163375	0.18942514	0.332271062	-0.36086667	0.67517777	0.328328409									
IFI44	BX537508_bp496_R	AGCTAAAAGCCAGTGTGTTACTCTCTTATTCTCTCTTGAAATAAGAGAGTAACACACTGGCGG	Hs.82316	9977	-0.36595	0.56371229	0.208206892	-0.21435	0.20261429	0.227044663	-0.40983333	0.74092617	0.295571581									
IFI44	BX537508_bp496_R	AGCTAAAAGCCAGTGTGTTACTCTCTTATTCTCTCTTGAAATAAGAGAGTAACACACTGGCGG	Hs.82316	15353	-0.320625	0.56195187	0.260486704	-0.270225	0.19592766	0.141751084	-0.4074	0.67043002	0.27431524									
IFIH1	NM_022168_bp1751_R	AGCTAAAAGTGCCAATCTTGATGCATTTATCTCTTGAATAAATGCATCAAGATTGGCACGG	Hs.161373	3563	-0.023425	0.36709166	0.907645775					0.1738625	0.15465728	0.39063284								
IFIH1	NM_022168_bp1751_R	AGCTAAAAGTGCCAATCTTGATGCATTTATCTCTTGAATAAATGCATCAAGATTGGCACGG	Hs.161373	8939	0.084475	0.78747408	0.808597519					0.3308875	0.40601286	0.199081909								
IFIH1	NM_022168_bp1751_R	AGCTAAAAGTGCCAATCTTGATGCATTTATCTCTTGAATAAATGCATCAAGATTGGCACGG	Hs.161373	14315	0.654125	0.56901411	0.050314659					0.3600875	0.3426161	0.146754406								
IFIH1	NM_022168_bp3072_R	AGCTAAAAGTGCCGACTATCAAATAAATCTCTTGAATTTATTTGATAGTCGGGCACACGG	Hs.161373	8943	0.71015	0.71525386	0.067389717					0.3329125	0.31320975	0.165045577								
IFIH1	NM_022168_bp3072_R	AGCTAAAAGTGTGCCGACTATCAAATAAATCTCTTGAATTTATTTGATAGTCGGGCACACGG	Hs.161373	14319	0.224175	0.70161428	0.489197311					0.3057375	0.29273045	0.19016028								
IFIH1	NM_022168_bp3072_R	AGCTAAAAGTGTGCCGACTATCAAATAAATCTCTTGAATTTATTTGATAGTCGGGCACACGG	Hs.161373	3567	0.34915	0.52835562	0.208172179					-0.23065	0.03746595	0.498877208								
IFIH1	NM_022168_bp642_R	AGCTAAAAGGAGGAACTGTGACATTGATCTCTTGAATCTATACTGTGCAACGTTCTCCGG	Hs.161373	3565	0.783075	0.36436325	0.009335136					-0.3264625	0.33152325	0.178059579								
IFIH1	NM_022168_bp642_R	AGCTAAAAGGAGGAACTGTGACATTGATCTCTTGAATCTATACTGTGCAACGTTCTCCGG	Hs.161373	8941	0.60975	0.32175438	0.019202982					-0.5105125	0.25077205	0.043156821								
IFIH1	NM_022168_bp642_R	AGCTAAAAGGAGGAACTGTGACATTGATCTCTTGAATCTATACTGTGCAACGTTCTCCGG	Hs.161373	14317	0.71845	0.51459047	0.029050979					-0.4552375	0.17242208	0.053132386								
IFIT3	AF026939_bp428_R	AGCTAAAAGATGCTCAGATTTATGTAGATTCTCTTGAAATCTACATAAATCTGAGCATCGG	Hs.47338	3486	-0.4567125	0.57538673	0.139397962					-0.549125	0.18439845	0.028014604								
IFIT3	AF026939_bp428_R	AGCTAAAAGATGCTCAGATTTATGTAGATTCTCTTGAATCTACATAAATCTGAGCATCGG	Hs.47338	8862	-0.5658125	0.36586599	0.031692729					-0.374325	0.20905831	0.101945537								
IFIT3	AF026939_bp428_R	AGCTAAAAGATGCTCAGATTTATGTAGATTCTCTTGAATCTACATAAATCTGAGCATCGG	Hs.47338	14238	-0.6270625	0.57148427	0.057848584					-0.4936	0.07583711	0.03457693								
IFIT3	AF026939_bp892_R	AGCTAAAAGGTGTTGGAATCCACACCAAATCTCTTGAATTTGGTGTGGATTCCAACACCGG	Hs.47338	3490	-0.312066667	0.86793055	0.469366851					-1.04845	0.44893699	0.004502896								
IFIT3	AF026939_bp892_R	AGCTAAAAGGTGTTGGAATCCACACCAAATCTCTTGAATTTGGTGTGGATTCCAACACCGG	Hs.47338	8866	-0.16865	0.68808561	0.676334014					-0.986	0.54271142	0.009133301								
IFIT3	AF026939_bp892_R	AGCTAAAAGGTGTTGGAATCCACACCAAATCTCTTGAATTTGGTGTGGATTCCAACACCGG	Hs.47338	14242	0.2837							-0.9495	0.41806155	0.006253079								
IFIT3	AF026939_bp959_R	AGCTAAAAGTAAGACAAATGCAGAATACATCTCTTGAATGTATTCTGCATTTGTCTTACGG	Hs.47338	3488	-0.0401375	0.06910419	0.773381378					0.2399	0.32700718	0.303720068								
IFIT3	AF026939_bp959_R	AGCTAAAAGTAAGACAAATGCAGAATACATCTCTTGAATGTATTCTGCATTTGTCTTACGG	Hs.47338	8864	0.036375	0.27296843	0.834933294					0.217175	0.21129039	0.30702736								
IFIT3	AF026939_bp959_R	AGCTAAAAGTAAGACAAATGCAGAATACATCTCTTGAATGTATTCTGCATTTGTCTTACGG	Hs.47338	14240	0.2729	0.22641559	0.359762015					0.09975	0.36120425	0.666368877								
IGBP1	NM_001551_bp472_R	AGCTAAAAGCTCGACTTGTTCAGCCGAAATCTCTTGAATTTCGGCTGAACAAGTCGAGCGG	Hs.496267	5109	-0.8477625	0.12126978	0.001618959	-0.1740125	0.13237102	0.274485448												
IGBP1	NM_001551_bp472_R	AGCTAAAAGCTCGACTTGTTCAGCCGAAATCTCTTGAATTTCGGCTGAACAAGTCGAGCGG	Hs.496267	10485	-0.8249625	0.12585487	0.001867213	0.1653375	0.5070075	0.53121413												
IGBP1	NM_001551_bp472_R	AGCTAAAAGCTCGACTTGTTCAGCCGAAATCTCTTGAATTTCGGCTGAACAAGTCGAGCGG	Hs.496267	15861	-0.6626125	0.09941856	0.004393414	0.0677125	0.99898346	0.881104135												
IGBP1	NM_001551_bp802_R	AGCTAAAAGGAGCATAGGTTGTCTGCAATTCTCTTGAAATTGCAGACAACCTATGCTCCGG	Hs.496267	5137	1.2161875	0.56150516	0.004790518	-0.3297875	0.37532336	0.167160666												
IGBP1	NM_001551_bp802_R	AGCTAAAAGGAGCATAGGTTGTCTGCAATTCTCTTGAATTGCAGACAACCTATGCTCCGG	Hs.496267	10513	1.2106125	0.43029694	0.002217504	-0.4125625	1.12524796	0.43101436												
IGBP1	NM_001551_bp802_R	AGCTAAAAGGAGCATAGGTTGTCTGCAATTCTCTTGAAATTGCAGACAACCTATGCTCCGG	Hs.496267	15889	1.9888875	0.94405656	0.003625895	-0.456816667	0.83436248	0.327122582												
IGBP1	NM_001551_bp894_R	AGCTAAAAGGTGGATTGATATCAGCTTAGTCTCTTGAACTAAGCTGATATCAATCCACCGG	Hs.496267	5111	0.8501375	0.62400279	0.026577495	0.0418125	0.53415942	0.876109953												
IGBP1	NM_001551_bp894_R	AGCTAAAAGGTGGATTGATATCAGCTTAGTCTCTTGAACTAAGCTGATATCAATCCACCGG	Hs.496267	10487	0.8321375	0.64752934	0.031660211	0.0678625	0.56426201	0.808534486												
IGBP1	NM_001551_bp894_R	AGCTAAAAGGTGGATTGATATCAGCTTAGTCTCTTGAACTAAGCTGATATCAATCCACCGG	Hs.496267	15863	0.9189625	0.71284685	0.029359395	0.1859125	0.49525914	0.477096228												
IGF1R	NM_000875_bp1732_R	AGCTAAAAGAGCCCGGCATCTTACTACATTCTCTTGAAATGTAGTAAAGTGCCGGGCTCGG	Hs.20573	145	-0.882475	1.16470286	0.118185022	-0.188866667	0.28611879	0.426301195												
IGF1R	NM_000875_bp1732_R	AGCTAAAAGAGCCCGGCATCTTACTACATTCTCTTGAAATGTAGTAAAGTGCCGGGCTCGG	Hs.20573	5521	-0.8809125	1.05743975	0.094964325	-0.3357875	0.62141295	0.29677841 5												
IGF1R	NM_000875_bp1732_R	AGCTAAAAGAGCCCGGCATCTTACTACATTCTCTTGAAATGTAGTAAAGTGCCGGGCTCGG	Hs.20573	10897	-0.701575	1.08083497	0.169515531	-0.3749375	0.5581037	0.217894668												
IGF1R	NM_000875_bp840_R	AGCTAAAAGCCCAACACCTACAGGTTTGATCTCTTGAATCAAACCTGTAGGTGTTGGGCGG	Hs.592020	147	0.07055	0.32348513	0.212703058	0.0831625	0.46542072	0.733717014												
IGF1R	NM_000875_bp840_R	AGCTAAAAGCCCAACACCTACAGGTTTGATCTCTTGAATCAAACCTGTAGGTGTTGGGCGG	Hs.592020	10899	0.236175	0.33358284	0.252364137	0.1905625	0.41910832	0.419021337												
IGF1R	NM_000875_bp840_R	AGCTAAAAGCCCAACACCTACAGGTTTGATCTCTTGAATCAAACCTGTAGGTGTTGGGCGG	Hs.592020	5523	-0.177			0.2362125	0.51326932	0.385899197												
IGF2	NM_000612_bp103_R	AGCTAAAAGTGGATTAATTACACGCTTTTCTCTCTTGAAGAAAGCGTGTAATTAATCCACGG	Hs.556244	2158	0.1491625	0.36267811	0.583671776					-0.824325	0.7463972	0.041329672								
IGF2	NM_000612_bp103_R	AGCTAAAAGTGGATTAATTACACGCTTTTCTCTCTTGAAGAAAGCGTGTAATTAATCCACGG	Hs.556244	7534	0.1370875	0.37280448	0.629212937					-0.886225	0.73270116	0.030313875								
IGF2	NM_000612_bp103_R	AGCTAAAAGTGGATTAATTACACGCTTTTCTCTCTTGAAGAAAGCGTGTAATTAATCCACGG	Hs.556244	12910	0.1254625	0.35641221	0.661458755					-0.8445	0.72642498	0.035344449								
IGF2	NM_000612_bp270_R	AGCTAAAAGCTGACCTCATTTCCCGATACTCTCTTGAAGTATCCGGGAAATGAGGTCAGCGG	Hs.556244	1151	-1.1961375	0.12001579	0.00027805					-0.1395	0.15679148	0.497741144								
IGF2	NM_000612_bp270_R	AGCTAAAAGCTGACCTCATTTCCCGATACTCTCTTGAAGTATCCGGGAAATGAGGTCAGCGG	Hs.556244	6527	-1.1873125	0.10012536	0.000266951					-0.215725	0.23146648	0.323647054								
IGF2	NM_000612_bp270_R	AGCTAAAAGCTGACCTCATTTCCCGATACTCTCTTGAAGTATCCGGGAAATGAGGTCAGCGG	Hs.556244	11903	-1.2353875	0.14392248	0.000270695					-0.114825	0.20554591	0.58758585								
IGF2	NM_000612_bp883_R	AGCTAAAAGGCAAGTTCTTCCAATATGACTCTCTTGAAGTCATATTGGAAGAACTTGCCGG	Hs.556244	2156	1.9007125	0.5501641	0.000663983					0.4754	0.22669843	0.208753602								
IGF2	NM_000612_bp883_R	AGCTAAAAGGCAAGTTCTTCCAATATGACTCTCTTGAAGTCATATTGGAAGAACTTGCCGG	Hs.556244	7532	1.7798125	0.62043132	0.001369717					0.69855	0.61771593	0.045779172								
IGF2	NM_000612_bp883_R	AGCTAAAAGGCAAGTTCTTCCAATATGACTCTCTTGAAGTCATATTGGAAGAACTTGCCGG	Hs.556244	12908	1.8871375	0.66594938	0.001343937					0.714	0.62038409	0.542801353								
IGF2BP2	NM_006548_bp1065_R	AGCTAAAAGTGCCAGTGCTGAGATAGAGATCTCTGAATCCTATCTCAGCACTGGCACGG	Hs.35354	3118	-0.54095	0.40608363	0.044785102					0.1426125	0.27099902	0.509759673	0.32695	0.33589201	0.146738356	0.240525	1.07272528	0.68424731		
IGF2BP2	NM_006548_bp1065_R	AGCTAAAAGTGCCAGTGCTGAGATAGAGATCTCTGAATCCTATCTCAGCACTGGCACGG	Hs.35354	8494	-0.35015	0.70021146	0.295702634					-0.2655375	0.70457956	0.41830388	0.2766	0.36754676	0.229359761	0.12905	1.21046885	0.844820832		
IGF2BP2	NM_006548_bp1065_R	AGCTAAAAGTGCCAGTGCTGAGATAGAGATCTCTGAATCCTATCTCAGCACTGGCACGG	Hs.35354	13870	-0.6411125	0.54556161	0.018169547					-0.1109	0.13420887	0.741742292	0.321125	0.40513402	0.211082348	0.1741	2.24814646	0.798399015		
IGF2BP2	NM_006548_bp828_R	AGCTAAAAGCCGCATGATTCTTGAATCATCTCTTGAATGATTTCAAGAATCATGCGGCGG	Hs.35354	3114	-1.440075	0.24851627	0.000287393					-0.5289875	0.45688642	0.070085078	0.3819	0.12065217	0.00796964	0.62545	0.32270361	0.03039841		
IGF2BP2	NM_006548_bp828_R	AGCTAAAAGCCGCATGATTCTTGAATCATCTCTTGAATGATTTCAAGAATCATGCGGCGG	Hs.35354	8490	-1.439275	0.22746208	0.000250074					-0.3796875	0.12735385	0.086094408	0.420825	0.10562627	0.004123821	0.653775	0.34787314	0.0329194		
IGF2BP2	NM_006548_bp828_R	AGCTAAAAGCCGCATGATTCTTGAATCATCTCTTGAATGATTTCAAGAATCATGCGGCGG	Hs.35354	13866	-1.1255	0.41295947	0.002731309					-0.4253625	0.1527098	0.063641855	0.420375	0.11703197	0.005557628	0.607125	0.37191064	0.04695752		
IGF2BP2	NM_006548_bp977_R	AGCTAAAAGGGACCAAGATAACAATCTCATCTCTTGAATGAGATTGTTATCTTGGTCCCCGG	Hs.35354	3116	1.5225	0.32388822	0.000373695					0.7029125	0.34916454	0.017627206	0.938925	0.77736708	0.094536362	0.586375	0.46185107	0.084735948		
IGF2BP2	NM_006548_bp977_R	AGCTAAAAGGGACCAAGATAACAATCTCATCTCTTGAATGAGATTGTTATCTTGGTCCCCGG	Hs.35354	8492	1.454175	1.35505227	0.042930143					0.8845375	0.49500334	0.012003106	0.9063	0.75746037	0.096480615	0.63405	0.54523209	0.102539963		
IGF2BP2	NM_006548_bp977_R	AGCTAAAAGGGACCAAGATAACAATCTCATCTCTTGAATGAGATTGTTATCTTGGTCCCCGG	Hs.35354	13868	1.060925	0.44514083	0.004330751					0.5589625	0.58607258	0.086223784	0.95585	0.86343039	0.11366882	0.5907	0.49226164	0.095879374		
IGF2R	NM_000876_bp1185_R	AGCTAAAAGAGCGGAGGTTCATCCTATATTCTCTTGAAATATAGGATGAACCTCCGCTCGG	Hs.487062	2152	2.1335125	1.13856231	0.050944692					3.7803										
IGF2R	NM_000876_bp1185_R	AGCTAAAAGAGCGGAGGTTCATCCTATATTCTCTTGAAATATAGGATGAACCTCCGCTCGG	Hs.487062	7528	1.9960375	1.17361413	0.008814959					0.649825	1.77412537	0.350437479								
IGF2R	NM_000876_bp1185_R	AGCTAAAAGAGCGGAGGTTCATCCTATATTCTCTTGAAATATAGGATGAACCTCCGCTCGG	Hs.487062	12904	2.1585625	1.20191356	0.006928983					0.5639	1.87719684	0.436090039								
IGF2R	NM_000876_bp2562_R	AGCTAAAAGTGGAGGAAATACTACATTAATCTCTTGAATTAATGTAGTATTTCCTCCACGG	Hs.487062	1150	-0.9708625	0.42709987	0.0048765					0.1233	0.23492248	0.614386716								
IGF2R	NM_000876_bp2562_R	AGCTAAAAGTGGAGGAAATACTACATTAATCTCTTGAATTAATGTAGTATTTCCTCCACGG	Hs.487062	6526	-1.0661875	0.41069268	0.002980512					0.1848	0.22971776	0.464064797								
IGF2R	NM_000876_bp2562_R	AGCTAAAAGTGGAGGAAATACTACATTAATCTCTTGAATTAATGTAGTATTTCCTCCACGG	Hs.487062	11902	-1.0325125	0.37777043	0.002763505					0.126766667	0.16429453	0.593265677								
IGF2R	NM_000876_bp3294_R	AGCTAAAAGCCCCTCAAATCCTGCATCATCTCTTGAATGATGCAGGAATTTGAGGGGCGG	Hs.487062	2154	-1.0442375	0.59567835	0.009470782					0.480025	1.35554025	0.375895149								
IGF2R	NM_000876_bp3294_R	AGCTAAAAGCCCCTCAAATCCTGCATCATCTCTTGAATGATGCAGGAATTTGAGGGGCGG	Hs.487062	7530	-0.9699875

IKBKE	XM_375834_bp2148_R	AGCTAAAAAGAGGAGTGCGTGCAGAAGTATTCTTGAAATACTTCTGCACGCACTCCTCGG	Hs.32105	7454														
IKBKE	XM_375834_bp2148_R	AGCTAAAAAGAGGAGTGCGTGCAGAAGTATTCTTGAAATACTTCTGCACGCACTCCTCGG	Hs.32105	12830														
IKBKE	XM_375834_bp381_R	AGCTAAAAAGCCAATTACCTGTGGCACACATCTCTTGAATGTGTGCCACAGGTAATTGGCGG	Hs.32105	894	-0.5751													
IKBKE	XM_375834_bp381_R	AGCTAAAAAGCCAATTACCTGTGGCACACATCTCTTGAATGTGTGCCACAGGTAATTGGCGG	Hs.32105	11646	-0.462													
IKBKE	XM_375834_bp381_R	AGCTAAAAAGCCAATTACCTGTGGCACACATCTCTTGAATGTGTGCCACAGGTAATTGGCGG	Hs.32105	6270														
IKBKE	XM_375834_bp990_R	AGCTAAAAAGGAGTGACCTTGTACCATGCATCTCTTGAATGCATGGTACAAGGTCACTCCGG	Hs.32105	6271	1.81355	1.44203375	0.02475408	0.839925	0.75587252	0.059197197								
IKBKE	XM_375834_bp990_R	AGCTAAAAAGGAGTGACCTTGTACCATGCATCTCTTGAATGCATGGTACAAGGTCACTCCGG	Hs.32105	11647	1.978325	1.46151119	0.018899685	0.906575	0.96996169	0.087576288								
IKBKE	XM_375834_bp990_R	AGCTAAAAAGGAGTGACCTTGTACCATGCATCTCTTGAATGCATGGTACAAGGTCACTCCGG	Hs.32105	895	1.4473	1.54763143	0.06427801	1.6158										
IKBKG	NM_003639_bp1267_R	AGCTAAAAAGCAGAGGGAGTACAGCAAACTTCTCTTGAAAGTTTGCTGTACTCCCTTCGCGG	Hs.43505	1453	0.1456	1.33953616	0.718345429							1.1519125	1.34448218	0.055901536		
IKBKG	NM_003639_bp1267_R	AGCTAAAAAGCAGAGGGAGTACAGCAAACTTCTCTTGAAAGTTTGCTGTACTCCCTTCGCGG	Hs.43505	6829	0.143675	1.29346834	0.71202569							1.1416125	1.31658792	0.054210403		
IKBKG	NM_003639_bp1267_R	AGCTAAAAAGCAGAGGGAGTACAGCAAACTTCTCTTGAAAGTTTGCTGTACTCCCTTCGCGG	Hs.43505	12205	0.11925	1.32998322	0.751881726							1.0124625	1.30825098	0.076346425		
IKBKG	NM_003639_bp280_R	AGCTAAAAAGAGCCAACTGTGTGAGATGGTTCCTTGAAACCATCTCACACAGTTGGCTCGG	Hs.43505	12192	-1.3663	0.20254096	0.000366826							1.90685	1.03504447	0.006286544		
IKBKG	NM_003639_bp280_R	AGCTAAAAAGAGCCAACTGTGTGAGATGGTTCCTTGAAACCATCTCACACAGTTGGCTCGG	Hs.43505	1440	-1.5048	0.20095643	0.000224232							2.733916667	0.82945332	0.000647346		
IKBKG	NM_003639_bp280_R	AGCTAAAAAGAGCCAACTGTGTGAGATGGTTCCTTGAAACCATCTCACACAGTTGGCTCGG	Hs.43505	6816	-1.47005	0.27154173	0.000411651							2.63685	0.94522916	0.001150259		
IKBKG	NM_003639_bp557_R	AGCTAAAAAGCCAGGAAACTGGTGGAGAGATCTCTTGAATCTCTCCACCAGTTTCCTGGCGGG	Hs.43505	1454	-1.23035	0.17366882	0.000416014							-0.2347375	0.8910298	0.614573491		
IKBKG	NM_003639_bp557_R	AGCTAAAAAGCCAGGAAACTGGTGGAGAGATCTCTTGAATCTCTCCACCAGTTTCCTGGCGGG	Hs.43505	6830	-1.25595	0.11649687	0.000298094							-0.2498333	1.08241001	0.709994741		
IKBKG	NM_003639_bp557_R	AGCTAAAAAGCCAGGAAACTGGTGGAGAGATCTCTTGAATCTCTCCACCAGTTTCCTGGCGGG	Hs.43505	12206	-1.189075	0.15262587	0.000455039							-0.1410375	0.81799574	0.781996808		
IL10	BC022315_bp1074_R	AGCTAAAAAGGGAGCCCCTTTGATGATTAATCTCTTGAATTAATCATCAAAGGGGCTCCCGG	Hs.19317	4697	1.3160375	0.22769835	0.000383299	0.1124375	0.25005934	0.52802612								
IL10	BC022315_bp1074_R	AGCTAAAAAGGGAGCCCCTTTGATGATTAATCTCTTGAATTAATCATCAAAGGGGCTCCCGG	Hs.19317	10073	1.2146375	0.59605893	0.005816392	-0.1098625	0.45097432	0.648020864								
IL10	BC022315_bp1074_R	AGCTAAAAAGGGAGCCCCTTTGATGATTAATCTCTTGAATTAATCATCAAAGGGGCTCCCGG	Hs.19317	15449	1.4340875	0.20449417	0.000219086	0.2672875	0.26424532	0.179381403								
IL10	BC022315_bp1165_R	AGCTAAAAAGCCAGCTTGTTATTTATAACATCTCTTGAATGTTATAAATAACAAGCTGGCGG	Hs.19317	4701	-0.0407625	0.43797982	0.855800159	-0.1894375	0.17543299	0.26146815								
IL10	BC022315_bp1165_R	AGCTAAAAAGCCAGCTTGTTATTTATAACATCTCTTGAATGTTATAAATAACAAGCTGGCGG	Hs.19317	10077	-0.1476125	0.77202031	0.664384754	-0.2149625	0.22547678	0.239187544								
IL10	BC022315_bp1165_R	AGCTAAAAAGCCAGCTTGTTATTTATAACATCTCTTGAATGTTATAAATAACAAGCTGGCGG	Hs.19317	15453	0.0651625	0.44022113	0.772753669	-8.75E-05	0.15140272	0.999538284								
IL10	BC022315_bp240_R	AGCTAAAAAGTGGACAACTTGTTGTTAAATCTCTTGAATTTAACAACAAGTTGTCCAGCGG	Hs.19317	4699	-0.5206125	0.23679058	0.02172941	0.0614875	0.55962506	0.825042214								
IL10	BC022315_bp240_R	AGCTAAAAAGTGGACAACTTGTTGTTAAATCTCTTGAATTTAACAACAAGTTGTCCAGCGG	Hs.19317	10075	-0.4330125	0.15132908	0.028292735	-0.0684125	0.3719962	0.746873115								
IL10	BC022315_bp240_R	AGCTAAAAAGTGGACAACTTGTTGTTAAATCTCTTGAATTTAACAACAAGTTGTCCAGCGG	Hs.19317	15451	-0.2866875	0.27274362	0.146264573	0.2453625	0.099565	0.135993434								
IL10RA	BC028082_bp1142_R	AGCTAAAAAGCAGCAGCAATAGCACAGACATCTCTTGAATGTCTGTGCTATTGCTGCTGCGG	Hs.50435	4729	0.5438125	1.07547661	2.266897328	-0.5219875	0.68886374	0.158972714								
IL10RA	BC028082_bp1142_R	AGCTAAAAAGCAGCAGCAATAGCACAGACATCTCTTGAATGTCTGTGCTATTGCTGCTGCGG	Hs.50435	10105	0.4677375	1.10785764	3.343637226	-0.4332875	0.71058919	0.236719722								
IL10RA	BC028082_bp1142_R	AGCTAAAAAGCAGCAGCAATAGCACAGACATCTCTTGAATGTCTGTGCTATTGCTGCTGCGG	Hs.50435	15481	0.5082375	1.08915928	3.306555739	-0.5890375	0.70223368	0.126373385								
IL10RA	BC028082_bp1530_R	AGCTAAAAAGCCCAAGGGCTATTTGAAACATCTCTTGAATGTTTCAAATAGCCCTTGGCCGG	Hs.50435	15455	0.04205	0.36465497	0.889602245											
IL10RA	BC028082_bp1530_R	AGCTAAAAAGCCCAAGGGCTATTTGAAACATCTCTTGAATGTTTCAAATAGCCCTTGGCCGG	Hs.50435	10079														
IL10RA	BC028082_bp1530_R	AGCTAAAAAGCCCAAGGGCTATTTGAAACATCTCTTGAATGTTTCAAATAGCCCTTGGCCGG	Hs.50435	4703														
IL10RA	BC028082_bp285_R	AGCTAAAAAGCCCTGTCCTATGACCTTACTCTCTTGAAGTAAGGTCATAGGACAGGGTCGG	Hs.50435	10107	-0.3318125	0.53801395	0.233380578	-0.3666	0.65464984	0.339612248								
IL10RA	BC028082_bp285_R	AGCTAAAAAGCCCTGTCCTATGACCTTACTCTCTTGAAGTAAGGTCATAGGACAGGGTCGG	Hs.50435	15483	-0.1362375	0.20818468	0.412000868	0.0186375	0.61400017	0.950137446								
IL10RA	BC028082_bp285_R	AGCTAAAAAGCCCTGTCCTATGACCTTACTCTCTTGAAGTAAGGTCATAGGACAGGGTCGG	Hs.50435	4731	0.183075	0.36857941	0.559062767											
IL10RA	BC028082_bp2162_R	AGCTAAAAAGCAGCAGCAATAGCACAGACATCTCTTGAATGTCTGTGCTATTGCTGCTGCGG	Hs.50435	5044	-0.2170375	0.36080543	0.305449313	-0.0806375	1.34779547	0.892731435								
IL10RA	NM_001558_bp1162_R	AGCTAAAAAGCAGCAGCAATAGCACAGACATCTCTTGAATGTCTGTGCTATTGCTGCTGCGG	Hs.50435	10420	-0.2466375	0.35968434	0.250564502	-0.4130125	0.91061901	0.347096317								
IL10RA	NM_001558_bp1162_R	AGCTAAAAAGCAGCAGCAATAGCACAGACATCTCTTGAATGTCTGTGCTATTGCTGCTGCGG	Hs.50435	15796	-0.3082125	0.29972215	0.185252884	-0.5329375	1.12998046	0.321878284								
IL10RA	NM_001558_bp1550_R	AGCTAAAAAGCCAAGGGCTATTTGAAACATCTCTTGAATGTTTCAAATAGCCCTTGGCCGG	Hs.50435	5042	-0.0430375	0.24731373	0.799683183	-0.4770625	0.55955529	0.13523134								
IL10RA	NM_001558_bp1550_R	AGCTAAAAAGCCAAGGGCTATTTGAAACATCTCTTGAATGTTTCAAATAGCCCTTGGCCGG	Hs.50435	10418	-0.1294125	0.17458317	0.41554108	-0.2789625	0.42124725	0.257078003								
IL10RA	NM_001558_bp1550_R	AGCTAAAAAGCCAAGGGCTATTTGAAACATCTCTTGAATGTTTCAAATAGCCCTTGGCCGG	Hs.50435	15794	-0.3052125	0.6727861	0.341945662	0.2514875	0.65262841	0.438535823								
IL10RA	NM_001558_bp305_R	AGCTAAAAAGCCCTGTCCTATGACCTTACTCTCTTGAAGTAAGGTCATAGGACAGGGTCGG	Hs.50435	5046	-0.4126625	0.32275597	0.0699505	0.0685125	0.9045661	0.868599726								
IL10RA	NM_001558_bp305_R	AGCTAAAAAGCCCTGTCCTATGACCTTACTCTCTTGAAGTAAGGTCATAGGACAGGGTCGG	Hs.50435	10422	-0.4438125	0.25088921	0.040405449	0.0417375	0.81025365	0.911506729								
IL10RA	NM_001558_bp305_R	AGCTAAAAAGCCCTGTCCTATGACCTTACTCTCTTGAAGTAAGGTCATAGGACAGGGTCGG	Hs.50435	15798	-0.4712625	0.29726389	0.041455914	0.0966375	0.82734598	0.801112682								
IL1A	NM_000575_bp1050_R	AGCTAAAAGAATCAGAAATCCTTCTATCATCTCTTGAATGATAGAAGGATTTCTGATTCGG	Hs.1722	2331	1.5815	0.74194943	0.003346947							0.8581375	0.22141493	0.003630474		
IL1A	NM_000575_bp1050_R	AGCTAAAAGAATCAGAAATCCTTCTATCATCTCTTGAATGATAGAAGGATTTCTGATTCGG	Hs.1722	7707	1.529375	0.76241758	0.004224373							0.8455125	0.2659607	0.004589523		
IL1A	NM_000575_bp1050_R	AGCTAAAGAATCAGAAATCCTTCTATCATCTCTTGAATGATAGAAGGATTTCTGATTCGG	Hs.1722	13083	1.54235	0.78291116	0.004531522							0.8304875	0.22857721	0.004330075		
IL1A	NM_000575_bp1097_R	AGCTAAAAGCTGCATGGATCAATCTGTGTTCTCTGAACACAGATTGATCCATGCAGCGG	Hs.1722	1362	0.050975	1.30689729	0.845819044							-0.8263625	0.56677237	0.026351847		
IL1A	NM_000575_bp1097_R	AGCTAAAAGCTGCATGGATCAATCTGTGTTCTCTGAACACAGATTGATCCATGCAGCGG	Hs.1722	6738	0.33155	1.46349928	0.582171471							-0.8678625	0.59561108	0.024515987		
IL1A	NM_000575_bp1097_R	AGCTAAAAGCTGCATGGATCAATCTGTGTTCTCTGAACACAGATTGATCCATGCAGCGG	Hs.1722	12114	0.220425	1.2022061	0.596170765							-0.8589375	0.57476685	0.023283742		
IL1A	NM_000575_bp1206_R	AGCTAAAAGAAGAGACGGTTGAGTTTAAGTCTCTTGAACTTAAACTCAACCGTCTCTTCGG	Hs.1722	1363	1.380725	0.25179785	0.000251579							-0.0808875	0.59279145	0.894593236		
IL1A	NM_000575_bp1206_R	AGCTAAAAGAAGAGACGGTTGAGTTTAAGTCTCTTGAACTTAAACTCAACCGTCTCTTCGG	Hs.1722	6739	1.368775	0.26625695	0.000286442							-0.0918125	0.69288136	0.876831466		
IL1A	NM_000575_bp1206_R	AGCTAAAAGAAGAGACGGTTGAGTTTAAGTCTCTTGAACTTAAACTCAACCGTCTCTTCGG	Hs.1722	12115	1.37705	0.21869722	0.000210936							-0.0500875	0.69957023	0.981736573		
IL1R1	NM_000877_bp1046_R	AGCTAAAAGCAGCATATATCCAGTTAATATATCTTGAATATTAACTGGATATATGCTGCGG	Hs.557403	2573	-0.206775	0.11731036	0.31277617							0.2738125	0.47925683	0.243977488		
IL1R1	NM_000877_bp1046_R	AGCTAAAAGCAGCATATATCCAGTTAATATATCTTGAATATTAACTGGATATATGCTGCGG	Hs.557403	7949	-0.16915	0.0677843	0.429988991							0.2602625	0.41901639	0.237727732		
IL1R1	NM_000877_bp1046_R	AGCTAAAAGCAGCATATATCCAGTTAATATATCTTGAATATTAACTGGATATATGCTGCGG	Hs.557403	13325	-0.1364	0.12717996	0.583184661							0.2775875	0.41078957	0.211501494		
IL1R1	NM_000877_bp343_R	AGCTAAAAGGTGGAGGATTCAGGACATTATCTCTGAATAATGTCCTGAATCCTCCACCGG	Hs.557403	2575	-0.808266667	0.35172846	0.025506217							-0.4612375	0.598604	0.180417913		
IL1R1	NM_000877_bp343_R	AGCTAAAAGGTGGAGGATTCAGGACATTATCTCTGAATAATGTCCTGAATCCTCCACCGG	Hs.557403	7951														
IL1RAP	NM_002182_bp1236_R	AGCTAAAAAGCAGCCAAGGTGAAGCAGAAATCTTCGAATTTCTGCTTCACCTTGGCTGCGG	Hs.47867	2386	0.773025	0.23264374	0.002960379							-0.3311125	0.61464254	0.346827089		
IL1RAP	NM_002182_bp1236_R	AGCTAAAAAGCAGCCAAGGTGAAGCAGAAATCTTCGAATTTCTGCTTCACCTTGGCTGCGG	Hs.47867	7762	0.784375	0.27302221	0.00351194							-0.3090125	0.61267188	0.381898593		
IL1RAP	NM_002182_bp1236_R	AGCTAAAAAGCCAAGGTGAAGCAGAAATCTTCGAATTTCTGCTTCACCTTGGCTGCGG	Hs.47867	13138	0.799225	0.25432457	0.002879949							-0.3034625	0.62720872	0.397449268		
IL1RAP	NM_002182_bp1545_R	AGCTAAAAGGGGGAATTGTCACAGATGAGTCTCTTGAACTCATCTGTGACAATTCCCCCGG	Hs.47867	2390	0.7109	0.19065677	0.003200081							-0.3739875	0.58311114	0.272558236		
IL1RAP	NM_002182_bp1545_R	AGCTAAAAGGGGGAATTGTCACAGATGAGTCTCTTGAACTCATCTGTGACAATTCCCCCGG	Hs.47867	7766	0.739025	0.23918592	0.003749117							-0.3876625	0.6074536	0.265227664		
IL1RAP	NM_002182_bp1545_R	AGCTAAAAGGGGGAATTGTCACAGATGAGTCTCTTGAACTCATCTGTGACAATTCCCCCGG	Hs.47867	13142	0.6697	0.20165785	0.00457828							-0.4036625	0.56140223	0.227465154		
IL1RAP	NM_002182_bp1888_R	AGCTAAAAAGCCCTCTCGTATTCATCTTTGATCCTCTGAATCAAAGATGAATACGAGAGGCGG	Hs.47867	2388	-0.7768	0.22089501	0.004976563							-0.1965625	0.24275952	0.469703165		
IL1RAP	NM_002182_bp1888_R	AGCTAAAAGCCCTCTCGTATTCATCTTTGATCCTCTGAATCAAAGATGAATACGAGAGGCGG	Hs.47867	7764	-0.714925	0.24185122	0.008300997							-0.1693125	0.29291201	0.563699929		
IL1RAP	NM_002182_bp1888_R	AGCTAAAAGCCCTCTCGTATTCATCTTTGATCCTCTGAATCAAAGATGAATACGAGAGGCGG	Hs.47867	13140	-0.692075	0.22296526	0.008624583							-0.1588125	0.29770943	0.597515202		
IL1RAPL1	NM_014271_bp1404_R	AGCTAAAAAGCTGGGTGACTCTGCTAATCTTTCTCTTGAAAGATTAGCAGAGTCACCCAGCGG	Hs.495893	2669	0.115925	0.61247133	0.560248947							0.2249625	0.17468502	0.210178243		
IL1RAPL1	NM_014271_bp1404_R	AGCTAAAAAGCTGGGTGACTCTGCTAATCTTTCTCTTGAAAGATTAGCAGAGTCACCCAGCGG	Hs.495893	8045	0.078475	0.5847903	0.635206646							0.2501625	0.20089296	0.181909159		
IL1RAPL1	NM_014271_bp1404_R	AGCTAAAAAGCTGGGTGACTCTGCTAATCTTTCTCTTGAAAGATTAGCAGAGTCACCCAGCGG	Hs.495893	13421	0.12605	0.58461331	0.526152011							0.1591125	0.16122546	0.326657564		
IL1RAPL1	NM_014271_bp1663_R	AGCTAAAAAGCCAGCGTTCTCCTTCATAAATCTCTTGAATTTATGAAGGAGAACGCTGGCGG	Hs.495893	2667	-0.566125	0.4188005	0.054641383							-0.41531667	0.43989077	0.236774234		
IL1RAPL1	NM_014271_bp1663_R	AGCTAAAAAGCCAGCGTTCTCCTTCATAAATCTCTTGAATTTATGAAGGAGAACGCTGGCGG	Hs.495893	8043	-0.5459	0.34058987	0.043809224							-0.3848167	0.43468642	0.271572204		
IL1RAPL1	NM_014271_bp1663_R	AGCTAAAAAGCCAGCGTTCTCCTTCATAAATCTCTTGAATTTATGAAGGAGAACGCTGGCGG	Hs.495893	13419	-0.52915	0.40585927	0.065022502							-0.44621667	0.44348222	0.206977132		
IL1RAPL1	NM_014271_bp1752_R	AGCTAAAAAGTGACCATCTACAAGTGTATTCTCTGAATAACACTTGTAGATGGTCACCGG	Hs.495893	2671	4.1146	0.98654974	0.000131244							0.8752625	0.43099188	0.007802289		
IL1RAPL1	NM_014271_bp1752_R	AGCTAAAAAGTGACCATCTACAAGTGTATTCTCTGAATAACACTTGTAGATGGTCACCGG	Hs.495893	8047	3.975775	0.84469719	7.87E-05							0.9413375	0.35709858	0.004104966		
IL1RAPL1	NM_014271_bp1752_R	AGCTAAAAAGTGACCATCTACAAGTGTATTCTCTGAATAACACTTGTAGATGGTCACCGG	Hs.495893	13423	4.298125	1.10238409	0.000172286							0.5706125	0.56002423	0.060353115		
IL27RA	NM_004843_bp1166_R	AGCTAAAAGCAGAGGGAACCTTTGCTTCTATTCTCTTGAAATAGAAGCAAAGGTTCCTCTCGG	Hs.132781	4749	0.8060375	0.40847481	0.010799477	0.1948625	0.24329126	0.290731808								
IL27RA	NM_004843_bp1166_R	AGCTAAAAGCAGAGGGAACCTTTGCTTCTATTCTCTTGAAATAGAAGCAAAGGTTCCTCTCGG	Hs.132781	10125	0.8586625	0.38106603	0.007104333	0.0217625	0.23566127	0.898300096								
IL27RA	NM_004843_bp1166_R	AGCTAAAAGCAGAGGGAACCTTTGCTTCTATTCTCTTGAAATAGAAGCAAAGGTTCCTCTCGG	Hs.132781	15501	0.8258375	0.44365793	0.012002197	-0.0569375	0.9411089	0.894368849								
IL27RA	NM_004843_bp1541_R	AGCTAAAAAGGAACCTCAGTGCTCTGTTACTCTCTTGAAGTAACAGAGCACTGAGGTTCCGG	Hs.132781	4751	0.8054875	0.26274426	0.004445115	-0.3468375	0.37663502	0.1511476								
IL27RA	NM_004843_bp1541_R	AGCTAAAAAGGAACCTCAGTGCTCTGTTACTCTCTTGAAGTAACAGAGCACTGAGGTTCCGG	Hs.132781	10127	0.6741375	0.24114934	0.00820507	-0.6027625	0.71199382	0.123059636								
IL27RA	NM_004843_bp1541_R	AGCTAAAAAGGAACCTCAGTGCTCTGTTACTCTCTTGAAGTAACAGAGCACTGAGGTTCCGG	Hs.132781	15503	0.7657375	0.25979277	0.005409432	-0.6979875	0.41733844	0.026045953								
IL27RA	NM_004843_bp890_R	AGCTAAAAAGCCCATCTCATAAAGTTCTGATCTCTTGAATCAGAACTTTATGAGATGGCCCGG	Hs.132781	4747	0.2609375	0.36643043	0.231085443	-0.0961375	0.7394781	0.782716552								
IL27RA	NM_004843_bp890_R	AGCTAAAAAGCCCATCTCATAAAGTTCTGATCTCTTGAATCAGAACTTTATGAGATGGCCCGG	Hs.132781	10123	0.2221875	0.39887885	0.31977863	-0.1635375	0.73641764	0.640708137								
IL27RA	NM_004843_bp890_R	AGCTAAAAAGCCCATCTCATAAAGTTCTGATCTCTTGAATCAGAACTTTATGAGATGGCCCGG	Hs.132781	15499	0.2433125	0.34223337	0.245437224	-0.0595125	0.75367649	0.866209387								
IL2RG	BC071710_bp1010_R	AGCTAAAAAGCCAGGGGAATGACCACATATTCTCTTGAAATATGTGGTCATTCCCCTGGCGG	Hs.84	4895	0.0443875	0.56098388	0.867359578	-0.4309625	0.5426818	0.16017073								
IL2RG	BC071710_bp1010_R	AGCTAAAAAGCCAGGGGAATGACCACATATTCTCTTGAAATATGTGGTCATTCCCCTGGCGG	Hs.84	10271	-0.2809375	0.41423091	0.230396155	-0.2118875	0.3137444	0.301975342								
IL2RG	BC071710_bp1010_R	AGCTAAAAAGCCAGGGGAATGACCACATATTCTCTTGAAATATGTGGTCATTCCCCTGGCGG	Hs.84	15647	-0.0555625	0.39200688	0.791491022	-0.0770125	0.37441064	0.717808471								
IL2RG	BC071710_bp1183_R	AGCTAAAAGACTGAACAATCAGTGGATTATCTCTTGAATAATCCACTGATTGTTCAGTCGG	Hs.84	4921	1.3501625	0.56341757	0.00308731	3.6485										
IL2RG	BC071710_bp1183_R	AGCTAAAAGACTGAACAATCAGTGGATTATCTCTTGAATAATCCACTGATTGTTCAGTCGG	Hs.84	10297	1.1546625	0.38102803	0.001984042	0.2029625	0.18303448	0.237728433								
IL2RG	BC071710_bp1183_R	AGCTAAAAGACTGAACAATCAGTGGATTATCTCTTGAATAATCCACTGATTGTTCAGTCGG	Hs.84	15673	0.8454875	1.13332855	0.12330128	0.1480375	1.02057605	0.749618646								
IL2RG	BC071710_bp1416_R	AGCTAAAAAGCCTTCTCTGTGTGTATTTCTTCTCTTGAAAGAAATACACACAGAGAAGGCGG	Hs.84	4923	-0.5059875	0.34085573	0.040646403	-0.4118	0.05218448	0.210678207								
IL2RG	BC071710_bp1416_R	AGCTAAAAAGCCTTCTCTGTGTGTATTTCTTCTCTTGAAAGAAATACACACAGAGAAGGCGG	Hs.84	10299	-0.5139625	0.17658642	0.016932345	-0.4912375	0.51293896	0.108707387								
IL2RG	BC071710_bp1416_R	AGCTAAAAAGCCTTCTCTGTGTGTATTTCTTCTCTTGAAAGAAATACACACAGAGAAGGCGG	Hs.84	15675	-0.5491875	0.06352832	0.008664316	-0.7883125	0.63329334	0.046322092								
IL6	BC027978_bp1066_R	AGCTAAAAAGTGGGATTCTTTGGTGTGAAATCTCTTGAATTTCACACCAAAGATCCCACGG	Hs.512234	1965	1.8575875	0.9049313	0.004141459							0.1447625	1.14854869	0.753972522	-0.4454	0.69457906	0.289781416	0.9549	0.82468081	0.18275079
IL6	BC027978_bp1066_R	AGCTAAAAAGTGGGATTCTTTGGTGTGAAATCTCTTGAATTTCACACCAAAGATCCCACGG	Hs.512234	7341	1.8988375	0.98873503	0.005271888							-0.25981667	1.03027651	0.577433012	-0.4785	0.64022274	0.231837627	0.996566667	0.98293182	0.221158534
IL6	BC027978_bp1066_R	AGCTAAAAAGTGGGATTCTTTGGTGTGAAATCTCTTGAATTTCACACCAAAGATCCCACGG	Hs.512234	12717	1.9350875	1.01768544	0.005431024							0.2867875	1.45002338	0.614039384	-0.409775	0.77348877	0.36710409	0.982366667	0.8852585	0.194537684
IL6	BC027978_bp17_R	AGCTAAAAAGCTGCAGGATGTACCGAATTTGTCTCTTGAACAATTCGGTACATCCTCGACGG	Hs.512234	953	-0.5602375	0.47536371	0.05482562							-0.8614375	0.56558052	0.017907233	0.276575	0.59441401	0.42071243	0.225875	0.42844142	0.369112829
IL6	BC027978_bp17_R	AGCTAAAAAGCTGCAGGATGTACCGAATTTGTCTCTTGAACAATTCGGTACATCCTCGACGG	Hs.512234	6329	-0.5746875	0.49715013	0.055659843							-0.9045625	0.55139118	0.013795645	0.284825	0.63221689	0.433979214	0.24975	0.40946805	0.309319025
IL6	BC027978_bp17_R	AGCTAAAAAGCTGCAGGATGTACCGAATTTGTCTCTTGAACAATTCGGTACATCCTCGACGG	Hs.512234	11705	-0.5811375	0.51410095	0.05775053							-0.8403875	0.50912993	0.015812684	0.36075	0.61600228	0.326057659	0.23665	0.43257903	0.353879041
IL6	BC027978_bp938_R	AGCTAAAAAGTGACCTCTGTTGGGCATTTATCTCTTGAATAAATTCGGTACATCCTCGACGG	Hs.512234	954	-0.7848875	1.17187983	0.156491248							0.449716667	0.94028159	0.321182421	0.7687	0.73312831	0.377723872	0.10735	0.45785164	0.796170622
IL6	BC027978_bp938_R	AGCTAAAAAGTGACCTCTGTTGGGCATTTATCTCTTGAATAAATGCCCAACAGAGGTCACGG	Hs.512234	6330	-0.2291	0.50768481	0.437128745							0.349483333	0.68902647	0.347210875	0.9623			0.4663	0.49950023	0.412691017
IL6	BC027978_bp938_R	AGCTAAAAAGTGACCTCTGTTGGGCATTTATCTCTTGAATAAATGCCCAACAGAGGTCACGG	Hs.512234	11706	-0.190966667	0.54070745	0.527462243							0.37705	0.76085178	0.338687641	1.1214			0.5676		
IL6R	NM_000565_bp1584_R	AGCTAAAAAGCCATTGTTCTGAGGTTCAAGTCCTTGAACTTGAACCTCAGAACAATGGCCGG	Hs.591492	955	0.0996125	0.36915098	0.627038651							-0.8706375	0.38443338	0.008047992	0.305025	0.43747451	0.257496078	-0.267425	0.58799976	0.430091343
IL6R	NM_000565_bp1584_R	AGCTAAAAAGCCATTGTTCTGAGGTTCAAGTCCTTGAACTTGAACCTCAGAACAATGGCCGG	Hs.591492	6331	0.0422125	0.38262368	0.838374936							-0.9058375	0.43772793	0.008457247	0.28635	0.49386723	0.330114486	-0.27045	0.54701853	0.395653188
IL6R	NM_000565_bp1584_R	AGCTAAAAAGCCATTGTTCTGAGGTTCAAGTCCTTGAACTTGAACCTCAGAACAATGGCCGG	Hs.591492	11707	0.0526875	0.38442983	0.799807563							-0.8945125	0.34681466	0.006060355	0.39055	0.43984756	0.173842314	-0.21895	0.69884885	0.575360796
IL6R	NM_000565_bp884_R	AGCTAAAAAGGTGAAGAGTTTCAGAACAGTCTCTTGAACTGTTCTGAAACTTCCTCACGGG	Hs.591492	12719													-0.07545	0.14111632	0.36331599	-0.13716667	0.2609372	0.458675198
IL6ST	NM_002184_bp1240_R	AGCTAAAAAGCACCAAGTTTCTGGTATAAATCTCTTGAATTTATACACAAAACTTGGTGCGG	Hs.532082	956	-0.5273375	0.13318842	0.012706368							0.0751625	0.07878396	0.694203168	0.58445	0.49347841	0.098620314	-0.2353	0.24625036	0.239749455
IL6ST	NM_002184_bp1240_R	AGCTAAAAAGCACCAAGTTTCTGGTATAAATCTCTTGAATTTATACACAAAACTTGGTGCGG	Hs.532082	6332	-0.4460625	0.2423695	0

IMP-3	U97188_bp894_R	AGCTAAAAGTGCCACCATTCGGAACATCATCTCTTGAATGATGTTCCGAATGGTGGCACGG	Hs.432616	15512	1.1460625	0.23751444	0.000781604	0.3103125	0.10011322	0.076319503						0.14505	0.11759525	0.090309542	0.0583	0.14545503	0.481389457
ING2	BC030128_bp497_R	AGCTAAAAGTTTCCAAGATCCTGCTGAAATCTCTTGAATTTCAGCAGGATCTTGGAAACGG	Hs.107153	15237	-0.66585	0.30019576	0.012155257	0.12905	0.78218582	0.724942839	-1.12883333	0.74791273	0.023606265								
ING2	BC030128_bp497_R	AGCTAAAAGTTTCCAAGATCCTGCTGAAATCTCTTGAATTTCAGCAGGATCTTGGAAACGG	Hs.107153	4485	-1.0964	0.1729458	0.00371338	0.2658			-1.1641	0.7045612	0.041463826								
ING2	BC030128_bp497_R	AGCTAAAAGTTTCCAAGATCCTGCTGAAATCTCTTGAATTTCAGCAGGATCTTGGAAACGG	Hs.107153	9861	-0.5851	0.33586985	0.024094732	-0.0728	0.55791401	0.819724366	-0.99625	1.40693036	0.160488912								
ING2	BC030128_bp524_R	AGCTAAAGAGCCTCAGATAAAGCAAAGATCTCTTGAATCCTTTGCTTTATCTGAGGCTCGG	Hs.107153	4481	2.860825	0.39799314	3.01E-05	1.312471	0.32961515	0.001368068	-0.19673333	0.7393599	0.599174577								
ING2	BC030128_bp524_R	AGCTAAAAGAGCCTCAGATAAAGCAAAGATCTCTTGAATCCTTTGCTTTATCTGAGGCTCGG	Hs.107153	9857	3.0811	0.43770932	2.78E-05	1.271625	0.32153626	0.001480038	-0.28626667	0.80833287	0.474200597								
ING2	BC030128_bp524_R	AGCTAAAAGAGCCTCAGATAAAGCAAAGATCTCTTGAATCCTTTGCTTTATCTGAGGCTCGG	Hs.107153	15233	2.839	0.70071965	0.00021961	1.17135	0.1921728	0.000909752	0.0796	0.93376529	0.852654771								
ING2	BC030128_bp876_R	AGCTAAAAGGGGAAATGGTATTGCCCAAATCTCTTGAATTTTGGGCAATACCATTTCCCCGG	Hs.107153	4483	-0.160425	0.7396712	0.630993969	-0.072675	0.22746852	0.668834522	-0.2012	0.6283697	0.558672951								
ING2	BC030128_bp876_R	AGCTAAAAGGGGAAATGGTATTGCCCAAATCTCTTGAATTTTGGGCAATACCATTTCCCCGG	Hs.107153	9859	-0.1059	0.65924739	0.72615852	0.010575	0.23962976	0.950738426	-0.09776667	0.89496786	0.814572385								
ING2	BC030128_bp876_R	AGCTAAAAGGGGAAATGGTATTGCCCAAATCTCTTGAATTTTGGGCAATACCATTTCCCCGG	Hs.107153	15235	-0.134325	0.85264216	0.720007453	-0.003375	0.22864485	0.984002267	-0.00316667	0.60498017	0.992380192								
INPP4A	BC028361_bp1855_R	AGCTAAAAGAGGAGCAGGTGATGCTTAGATCTCTTGAATCTAAGCATCACCTGCTCCTCGG	Hs.580527	4467	1.37245	0.98578588	0.018957212				-1.5918										
INPP4A	BC028361_bp1855_R	AGCTAAAAGAGGAGCAGGTGATGCTTAGATCTCTTGAATCTAAGCATCACCTGCTCCTCGG	Hs.580527	9843	1.910066667	0.50290329	0.009144409														
INPP4A	BC028361_bp1855_R	AGCTAAAAGAGGAGCAGGTGATGCTTAGATCTCTTGAATCTAAGCATCACCTGCTCCTCGG	Hs.580527	15219	1.720833333	0.71579091	0.006806913														
INPP4A	BC028361_bp1986_R	AGCTAAAAGAGCCTAGAGTGCATCATTCATCTCTTGAATGAATGATGCACTCTAGGCTCGG	Hs.580527	4465	1.92225	0.65649618	0.001071862	3.35875	1.16065783	0.00154357	2.446166667	3.40653372	0.10748217								
INPP4A	BC028361_bp1986_R	AGCTAAAAGAGCCTAGAGTGCATCATTCATCTCTTGAATGAATGATGCACTCTAGGCTCGG	Hs.580527	9841	2.1371	0.82560166	0.001570202	3.49155	1.06525393	0.00094016	3.052433333	4.31081472	0.109604094								
INPP4A	BC028361_bp1986_R	AGCTAAAAGAGCCTAGAGTGCATCATTCATCTCTTGAATGAATGATGCACTCTAGGCTCGG	Hs.580527	15217	1.839925	0.34321575	0.000173747	3.1466	0.91967778	0.000830458	2.270133333	3.05116065	0.099184892								
INPP5F	NM_014937_bp2108_R	AGCTAAAAGCCTACTACGTGGCCTATTATTCTCTTGAAATAATAGGCCACGTAGTAGGCGG	Hs.369755	3262	0.221275	0.46564162	0.363899551				-0.16541667	0.31826154	0.544737926	0.170625	0.54609982	0.57634785	0.54255	0.3824704	0.065804463		
INPP5F	NM_014937_bp2108_R	AGCTAAAAGCCTACTACGTGGCCTATTATTCTCTTGAAATAATAGGCCACGTAGTAGGCGG	Hs.369755	8638	0.151225	0.22621153	0.377108014				-0.2658125	0.28875861	0.245196371	0.2205	0.55554961	0.48529898	0.595675	0.23244184	0.01438019		
INPP5F	NM_014937_bp2108_R	AGCTAAAAGCCTACTACGTGGCCTATTATTCTCTTGAAATAATAGGCCACGTAGTAGGCGG	Hs.369755	14014	0.213425	0.1938067	0.21251446				-0.2348125	0.18556417	0.265590038	0.208175	0.48905319	0.457141302	0.608475	0.37280447	0.04697829		
INPP5F	NM_014937_bp2377_R	AGCTAAAAGGGATCGGATTTACCCATAATCTCTTGAAATTATGGGTAAATCCGATCCCGG	Hs.369755	3260	0.60315	0.02573869	0.083165976				-0.3693375	0.4557717	0.175435192	0.1713	0.37858378	0.432195537	0.280533333	0.76637264	0.590908994		
INPP5F	NM_014937_bp2377_R	AGCTAAAAGGGATCGGATTTACCCATAATCTCTTGAAATTATGGGTAAATCCGATCCCGG	Hs.369755	8636	0.60445	0.29257907	0.016870981				-0.51051667	0.25044032	0.090581595	0.155175	0.39134295	0.485685719	0.414466667	0.6912135	0.408591873		
INPP5F	NM_014937_bp2377_R	AGCTAAAAGGGATCGGATTTACCCATAATCTCTTGAAATTATGGGTAAATCCGATCCCGG	Hs.369755	14012	0.491666667	0.57209865	0.161204719				-0.34591667	0.25146857	0.216220744	0.15375	0.43823976	0.533420116	0.211366667	0.78324076	0.686184436		
INPP5F	NM_014937_bp2993_R	AGCTAAAAGCTGGCGACGTACACATATTGTCTCTTGAACAATATGTGTACGTCGCCAGCGG	Hs.369755	3264	1.75945	0.34805108	0.001281189				1.1868875	0.28208335	0.001110599	0.641975	0.18240796	0.005892084	0.83195	1.02817326	0.204027809		
INPP5F	NM_014937_bp2993_R	AGCTAAAAGCTGGCGACGTACACATATTGTCTCTTGAACAATATGTGTACGTCGCCAGCGG	Hs.369755	8640	1.484216667	0.42254701	0.003417184				1.2541125	0.26209737	0.000760438	0.664275	0.29055745	0.02527286	0.788025	0.91630072	0.183917651		
INPP5F	NM_014937_bp2993_R	AGCTAAAAGCTGGCGACGTACACATATTGTCTCTTGAACAATATGTGTACGTCGCCAGCGG	Hs.369755	14016	2.11265						1.2908625	0.28444353	0.000723579	0.7052	0.23549112	0.009319912	0.8483	0.96851153	0.178108892		
INSR	NM_000208_bp1984_R	AGCTAAAAGGATCCAATCTCAGTGTCTAATCTCTTGAATTAGACACTGAGATTGGATCCGG	Hs.465744	5473	-0.0295			-0.2074875	0.39656733	0.367137763											
INSR	NM_000208_bp1984_R	AGCTAAAAGGATCCAATCTCAGTGTCTAATCTCTTGAATTAGACACTGAGATTGGATCCGG	Hs.465744	97				-0.1042	0.11375399	0.590186588											
INSR	NM_000208_bp1984_R	AGCTAAAAGGATCCAATCTCAGTGTCTAATCTCTTGAATTAGACACTGAGATTGGATCCGG	Hs.465744	10849				0.0996													
INSR	NM_000208_bp3913_R	AGCTAAAAGCGCATGTGCTGGCAATTCAATCTCTTGAATTGAATTGCCAGCACATCGCGCGG	Hs.465744	99																	
INSR	NM_000208_bp3913_R	AGCTAAAAGCGCATGTGCTGGCAATTCAATCTCTTGAATTGAATTGCCAGCACATCGCGCGG	Hs.465744	5475																	
INSR	NM_000208_bp3913_R	AGCTAAAAGCGCATGTGCTGGCAATTCAATCTCTTGAATTGAATTGCCAGCACATCGCGCGG	Hs.465744	10851																	
INSRR	NM_014215_bp2438_R	AGCTAAAAGAAGGTGACGTCCATCAACAACATCTCTTGAATTGTTGATGGACGTCACCTTCGG	Hs.248138	5824	1.582133333	3.17763338	0.291964582														
INSRR	NM_014215_bp2438_R	AGCTAAAAGAAGGTGACGTCCATCAACAACATCTCTTGAATTGTTGATGGACGTCACCTTCGG	Hs.248138	11200	1.154566667	3.32144015	0.444646401	-4.241													
INSRR	NM_014215_bp2438_R	AGCTAAAAGAAGGTGACGTCCATCAACAACATCTCTTGAATTGTTGATGGACGTCACCTTCGG	Hs.248138	448	-0.423125	0.16422555	0.182343983	-0.9387													
INSRR	NM_014215_bp3854_R	AGCTAAAAGGTGCTGAAGTTCGTCATGGATCTCTTGAACCTTGACGAACTTCAGCACCGG	Hs.248138	449	-0.272166667	0.82664714	0.51028598	-0.0218													
INSRR	NM_014215_bp3854_R	AGCTAAAAGGTGCTGAAGTTCGTCATGGATCTCTTGAACCTTGACGAACTTCAGCACCGG	Hs.248138	5825	-0.272133333	0.55950737	0.389786004	-1.0226	2.52435832	0.41779652											
INSRR	NM_014215_bp3854_R	AGCTAAAAGGTGCTGAAGTTCGTCATGGATCTCTTGAACCTTGACGAACTTCAGCACCGG	Hs.248138	11201	-0.431233333	0.55765964	0.200569139	-1.212033333	2.88533862	0.401382293											
INSRR	NM_014215_bp3959_R	AGCTAAAAGCGCCCATCTTTCACACACATTTCTTTGAAATGTGTGTGAAAGATGGGCGCGG	Hs.248138	1578	-0.69845	0.68077738	0.062896624	-0.2227	1.28252228	0.725329871											
INSRR	NM_014215_bp3959_R	AGCTAAAAGCGCCCATCTTTCACACACATTTCTTTGAAATGTGTGTGAAAGATGGGCGCGG	Hs.248138	6954	-0.922	0.7182261	0.029652701	-0.172433333	1.65230678	0.828923759											
INSRR	NM_014215_bp3959_R	AGCTAAAAGCGCCCATCTTTCACACACATTTCTTTGAAATGTGTGTGAAAGATGGGCGCGG	Hs.248138	12330	-1.039325	0.97269371	0.047345876	-0.2041	1.52909465	0.783667503											
IQGAP2	NM_006633_bp2361_R	AGCTAAAAGCGGCAAACGTTCATTGATATACTCTTGAATTATCAATGAACGTTTGCCGCGG	Hs.291030	2743	1.287425	0.83563514	0.011048958				0.1346375	0.47100997	0.494486188								
IQGAP2	NM_006633_bp2361_R	AGCTAAAAGCGGCAAACGTTCATTGATATACTCTTGAATTATCAATGAACGTTTGCCGCGG	Hs.291030	8119	1.25175	0.7037322	0.006696663				0.2036125	0.60428454	0.40857591								
IQGAP2	NM_006633_bp2361_R	AGCTAAAAGCGGCAAACGTTCATTGATATACTCTTGAATTATCAATGAACGTTTGCCGCGG	Hs.291030	13495	1.3263	0.72040702	0.005955028				0.0236375	0.79011907	0.847052996								
IQGAP2	NM_006633_bp3285_R	AGCTAAAAGGCCAGCAAGTTGCCTTATGATCTCTTGAATCATAAGGCAACTTGCTGGCCGG	Hs.291030	2747	-0.185125	0.54512844	0.615598524				-0.8656125	1.6798619	0.094490947								
IQGAP2	NM_006633_bp3285_R	AGCTAAAAGGCCAGCAAGTTGCCTTATGATCTCTTGAATCATAAGGCAACTTGCTGGCCGG	Hs.291030	8123	-0.147075	0.48392739	0.70088685				-0.9231625	1.14020332	0.091182881								
IQGAP2	NM_006633_bp3285_R	AGCTAAAAGGCCAGCAAGTTGCCTTATGATCTCTTGAATCATAAGGCAACTTGCTGGCCGG	Hs.291030	13499	-0.242625	0.40578186	0.391132879				-0.9598125	1.19763885	0.091406886								
IQGAP2	NM_006633_bp868_R	AGCTAAAAGCTGCGTTATACGCATTAATCTCTTGAAATAATGGCTAAACTGCACGCGG	Hs.291030	2745	0.02875	0.28052261	0.623833228				-0.5357375	0.54227777	0.108246685								
IQGAP2	NM_006633_bp868_R	AGCTAAAAGCTGCGTTATACGCATTAATCTCTTGAAATAATGGCTAAACTGCACGCGG	Hs.291030	8121	0.038625	0.29352763	0.591201569				-0.5370875	0.51881396	0.111555638								
IQGAP2	NM_006633_bp868_R	AGCTAAAAGCTGCGTTATACGCATTAATCTCTTGAAATAATGGCTAAACTGCACGCGG	Hs.291030	13497	0.0288	0.29504107	0.630237989				-0.4628625	0.53592868	0.157203922								
IQSEC1	AY653734_bp2506_R	AGCTAAAGGAGAGATATCAAAGTGTTATCTCTGAATAACACTTTGATATCTGCTCCGG	Hs.475506	4231	0.2405	0.3129424	0.123287186	0.7137	0.99581097	0.161689212	0.931666667	1.63412793	0.200435571								
IQSEC1	AY653734_bp2506_R	AGCTAAAGGAGAGATATCAAAGTGTTATCTCTGAATAACACTTTGATATCTGCTCCGG	Hs.475506	9607	-0.32345	0.40736088	0.173183623	0.515833333	0.47451293	0.136013667	1.77025	1.27470139	0.030155005								
IQSEC1	AY653734_bp2506_R	AGCTAAAGGAGAGATATCAAAGTGTTATCTCTGAATAACACTTTGATATCTGCTCCGG	Hs.475506	14983	-0.13565	0.53344051	0.601357491	-0.0134	0.74036935	0.969229276	0.962133333	1.45212683	0.152743728								
IQSEC1	AY653734_bp591_R	AGCTAAAAGAAGCAGGTCTCAGTGACTAATCTCTTGAATTAGTCACTGAGACCTGCTTCGG	Hs.475506	4233	1.5655	1.24857874	0.025784717	0.529425	0.65209834	0.14010051	-0.45863333	2.24875702	0.61022606								
IQSEC1	AY653734_bp591_R	AGCTAAAAGAAGCAGGTCTCAGTGACTAATCTCTTGAATTAGTCACTGAGACCTGCTTCGG	Hs.475506	9609	1.724325	1.1610768	0.014057065	0.731325	0.65723576	0.06305469	-0.33243333	2.06046479	0.687252081								
IQSEC1	AY653734_bp591_R	AGCTAAAAGAAGCAGGTCTCAGTGACTAATCTCTTGAATTAGTCACTGAGACCTGCTTCGG	Hs.475506	14985	1.739425	1.03164439	0.008868448	0.708975	0.4970601	0.036377591	-0.30513333	2.170176	0.724063859								
IRAK1	NM_001569_bp1051_R	AGCTAAAAGGCAATTCAGTTTCTACATCATCTCTTGAATGATGTAGAAACTGAATTGCCGG	Hs.522819	46	0.56965	0.9659103	0.208909545	-0.2996625	0.38684913	0.208040565											
IRAK1	NM_001569_bp1051_R	AGCTAAAAGGCAATTCAGTTTCTACATCATCTCTTGAATGATGTAGAAACTGAATTGCCGG	Hs.522819	5422	0.6041	0.98008429	0.191594415	-0.2807875	0.39348874	0.237282154											
IRAK1	NM_001569_bp1051_R	AGCTAAAAGGCAATTCAGTTTCTACATCATCTCTTGAATGATGTAGAAACTGAATTGCCGG	Hs.522819	10798	0.622725	0.99327792	0.18482035	-0.2565375	0.37343388	0.251001632											
IRAK1	NM_001569_bp1487_R	AGCTAAAAGCCATGCAGATCTACAAGAAGTCTCTTGAACTTCTTGTAGATCTGCATGGCGG	Hs.522819	47	-0.018375	0.24675242	0.913410118	-0.2528375	0.17883818	0.155391319											
IRAK1	NM_001569_bp1487_R	AGCTAAAAGCCATGCAGATCTACAAGAAGTCTCTTGAACTTCTTGTAGATCTGCATGGCGG	Hs.522819	5423	0.061175	0.2549953	0.722180666	-0.3559625	0.2462285	0.08820016											
IRAK1	NM_001569_bp1487_R	AGCTAAAAGCCATGCAGATCTACAAGAAGTCTCTTGAACTTCTTGTAGATCTGCATGGCGG	Hs.522819	10799	-0.0189	0.24527205	0.910762264	-0.2539125	0.17494919	0.152306535											
IRAK1	NM_001569_bp160_R	AGCTAAAAGTGCCGCTTCTACAAAGTGATTCTCTTGAATCACTTTGTAGAAGCGGCACGG	Hs.522819	48	2.145775	0.94094007	0.002569047	0.4731125	0.10208588	0.020788653											
IRAK1	NM_001569_bp160_R	AGCTAAAAGTGCCGCTTCTACAAAGTGATTCTCTTGAATCACTTTGTAGAAGCGGCACGG	Hs.522819	5424	2.175975	1.02155339	0.003408437	0.3596625	0.1026505	0.050486958											
IRAK1	NM_001569_bp160_R	AGCTAAAAGTGCCGCTTCTACAAAGTGATTCTCTTGAATCACTTTGTAGAAGCGGCACGG	Hs.522819	10800	2.212075	1.00070547	0.002862773	0.3626625	0.08862815	0.047456686											
IRAK2	NM_001570_bp1560_R	AGCTAAAAGGGTACAGGCTCTTCTTCCCAATCTCTTGAATTGGAAGAAGAGCCTGTACCCGG	Hs.449207	1603	0.4006	0.64024618	0.265194642	-0.1295375	0.33352294	0.523914523											
IRAK2	NM_001570_bp1560_R	AGCTAAAAGGGTACAGGCTCTTCTTCCCAATCTCTTGAATTGGAAGAAGAGCCTGTACCCGG	Hs.449207	6979	0.3614	0.61149745	0.294322607	-0.1093875	0.36774761	0.606943892											
IRAK2	NM_001570_bp1560_R	AGCTAAAAGGGTACAGGCTCTTCTTCCCAATCTCTTGAATTGGAAGAAGAGCCTGTACCCGG	Hs.449207	12355	0.357266667	0.66793223	0.32552346	-0.0248625	0.39165823	0.908918557											
IRAK2	NM_001570_bp287_R	AGCTAAAAGGAAACCGGCTCCTGAAATCATCTCTTGAATGATTTCAGGAGCCGGTTTCCGG	Hs.449207	61	-0.667275	0.34005957	0.015169038	0.7356625	0.35049401	0.015130876											
IRAK2	NM_001570_bp287_R	AGCTAAAAGGAAACCGGCTCCTGAAATCATCTCTTGAATGATTTCAGGAGCCGGTTTCCGG	Hs.449207	5437	-0.475325	0.20722047	0.026013481	0.0742375	0.27839866	0.685882378											
IRAK2	NM_001570_bp287_R	AGCTAAAAGGAAACCGGCTCCTGAAATCATCTCTTGAATGATTTCAGGAGCCGGTTTCCGG	Hs.449207	10813	-0.605425	0.25602043	0.013672396	0.5110375	0.28288644	0.036272683											
IRAK2	NM_001570_bp778_R	AGCTAAAAGAGTTGCAGATTTGTCTTAGATCTCTTGAATCTAAGACAAATCTGCAACTCGG	Hs.449207	62	-0.638475	0.18573945	0.007544833	-0.3841875	0.23526426	0.068220891											
IRAK2	NM_001570_bp778_R	AGCTAAAAGAGTTGCAGATTTGTCTTAGATCTCTTGAATCTAAGACAAATCTGCAACTCGG	Hs.449207	5438	-0.53605	0.15704134	0.013190655	-0.2881625	0.1881424	0.119545552											
IRAK2	NM_001570_bp778_R	AGCTAAAAGAGTTGCAGATTTGTCTTAGATCTCTTGAATCTAAGACAAATCTGCAACTCGG	Hs.449207	10814	-0.487575	0.15469948	0.018707979	-0.3761875	0.16217388	0.053857364											
IRAK4	NM_016123_bp695_R	AGCTAAAAGCAGCAATGGTTGACATTACTTCTCTTGAAAGTAATGTCAACCATTGCTGCGG	Hs.138499	545	0.182666667	3.25909019	0.898003612	1.8622	1.47389338	0.093560197											
IRAK4	NM_016123_bp695_R	AGCTAAAAGCAGCAATGGTTGACATTACTTCTCTTGAAAGTAATGTCAACCATTGCTGCGG	Hs.138499	5921	-0.176275	3.21303505	0.893269719	3.209866667	2.50496271	0.051847165											
IRAK4	NM_016123_bp695_R	AGCTAAAAGCAGCAATGGTTGACATTACTTCTCTTGAAAGTAATGTCAACCATTGCTGCGG	Hs.138499	11297	-0.01745	3.33663378	0.989781742	3.091333333	2.65003315	0.065881459											
IRAK4	NM_016123_bp87_R	AGCTAAAAGCCTCAATGTTGGACTAATTATCTCTTGAATAATTAGTCCAACATTGAGGCGG	Hs.138499	1716	3.525416667	6.18005201	0.234657282	-2.3372													
IRAK4	NM_016123_bp87_R	AGCTAAAAGCCTCAATGTTGGACTAATTATCTCTTGAATAATTAGTCCAACATTGAGGCGG	Hs.138499	7092	3.933316667	7.06061506	0.243830852	-5.9014	3.22836672	0.038449571											
IRAK4	NM_016123_bp87_R	AGCTAAAAGCCTCAATGTTGGACTAATTATCTCTTGAATAATTAGTCCAACATTGAGGCGG	Hs.138499	12468	3.99535	6.88718501	0.228010175	-6.1945	2.81386073	0.025446116											
IRF1	BC009483_bp245_R	AGCTAAAAGCAGATTAATTCCAACCAAATCTCTTGAAATTTGGTTGGAATTAATCTGCGG	Hs.436061	4787	0.5642375	0.13466051	0.009788773	-0.6218875	0.62011373	0.086346386											
IRF1	BC009483_bp245_R	AGCTAAAAGCAGATTAATTCCAACCAAATCTCTTGAAATTTGGTTGGAATTAATCTGCGG	Hs.436061	10163	0.3027875	0.30821463	0.145562179	-0.4003375	0.56826926	0.198327458											
IRF1	BC009483_bp245_R	AGCTAAAAGCAGATTAATTCCAACCAAATCTCTTGAAATTTGGTTGGAATTAATCTGCGG	Hs.436061	15539	0.5974875	0.23339158	0.012700271	-0.2928875	0.5013628	0.285908515											
IRF1	BC009483_bp269_R	AGCTAAAAGGGGCTCATCTGGATTAATAATCTCTTGAATTATTAATCCAGATGAGCCCCGG	Hs.436061	4646	-0.1218625	0.17593886	0.442210168	0.2458625	0.38256923	0.284826328											
IRF1	BC009483_bp269_R	AGCTAAAAGGGGCTCATCTGGATTAATAATCTCTTGAATTATTAATCCAGATGAGCCCCGG	Hs.436061	10022	-0.1506625	0.16158786	0.34208691	0.1691625	0.40964282	0.463471472											
IRF1	BC009483_bp269_R	AGCTAAAAGGGGCTCATCTGGATTAATAATCTCTTGAATTATTAATCCAGATGAGCCCCGG	Hs.436061	15398	-0.2625125	0.28650569	0.18363767	0.2093375	0.38011817	0.352204407											
IRF1	BC009483_bp817_R	AGCTAAAAGCACCAGTGATCTGTACAACTTCTCTTGAAAGTTGTACAGATCACTGGTGCGG	Hs.436061	4789	0.6909375	0.15449102	0.064633993	-0.1736375	0.60313201	0.562590784											
IRF1	BC009483_bp817_R	AGCTAAAAGCACCAGTGATCTGTACAACTTCTCTTGAAAGTTGTACAGATCACTGGTGCGG	Hs.436061	10165	0.6105625	0.16469361	0.008148362	-0.0911625	0.3172552	0.641503093											
IRF1	BC009483_bp817_R	AGCTAAAAGCACCAGTGATCTGTACAACTTCTCTTGAAAGTTGTACAGATCACTGGTGCGG	Hs.436061	15541	0.6269375	0.13900331	0.006490677	-0.1754375	0.5747119	0.544426809											
IRF3	NM_001571_bp541_R	AGCTAAAAGACCCTCACGACCCACATAAATCTCTTGAATTTATGTGGGTCGTGAGGGTCGG	Hs.75254	2334	0.625775	0.21680188	0.006330978				0.4806375	0.66910975	0.126772586								
IRF3	NM_001571_bp541_R	AGCTAAAAGACCCTCACGACCCACATAAATCTCTTGAATTTATGTGGGTCGTGAGGGTCGG	Hs.75254	7710	0.7435	0.34824235	0.007161941				0.4534375	0.58536541	0.118582374								
IRF3	NM_001571_bp541_R	AGCTAAAAGACCCTCACGACCCACATAAATCTCTTGAATTTATGTGGGTCGTGAGGGTCGG	Hs.75254	13086	0.703	0.24849731	0.040894251				0.4904625	0.58085986	0.098416338								
IRF3	NM_001571_bp629_R	AGCTAAAAGCTGGAGGCAGTACTTCTGATATCTCTTGAATATCAGAAGTACTGCCTCCACGG	Hs.75254	2685	-0.12645	0.33216749	0.720026388				0.3902125	0.35121592	0.09366261								
IRF3	NM_001571_bp629_R	AGCTAAAAGCTGGAGGCAGTACTTCTGATATCTCTTGAATATCAGAAGTACTGCCTCCACGG	Hs.75254	8061	-0.1386	0.31513734	0.66752336				0.3469375	0.30639304	0.111564621								
IRF3	NM_001571_bp629_R	AGCTAAAAGCTGGAGGCAGTACTTCTGATATCTCTTGAATATCAGAAGTACTGCCTCCACGG	Hs.75254	13437	-0.102875	0.29690385	0.801782834				0.3459625	0.3090473	0.113219375								
IRF8	CR599608_bp1016_R	AGCTAAAAGGCTTGATTCTATGTGAAATATCTCTTGAATATTTCACATAGAATCAAGCCGG	Hs.137427	4918	-0.5167875	0.18133064	0.016959041	-0.1581875	0.4615867	0.522723415											
IRF8	CR599608_bp1016_R	AGCTAAAAGGCTTGATTCTATGTGAAATATCTCTTGAATATTTCACATAGAATCAAGCCGG	Hs.137427	10294	-0.4227375	0.1773856	0.034150471	-0.1195125	0.43402455	0.61157535											
IRF8	CR599608_bp1016_R	AGCTAAAAGGCTTGATTCTATGTGAAATATCTCTTGAATATTTCACATAGAATCAAGCCGG	Hs.137427	15670	-0.2459875	0.22090091	0.173163589	0.7153125	1.50426381	0.311450863											
IRF8	CR599608_bp1238_R	AGCTAAAAGCCAGGAAGATTAGAACTAAATCTCTTGAATTTAGTTCTAATCTTCCTGGCGG	Hs.137427	4920	-0.5611625	0.20187231	0.013706669	-0.5872875	0.43418075	0.048949099											
IRF8	CR599608_bp1238_R	AGCTAAAAGCCAGGAAGATTAGAACTAAATCTCTTGAATTTAGTTCTAATCTTCCTGGCGG	Hs.137427	10296	-0.5654625	0.19325088	0.012737929	-0.5614125	0.48594951	0.069523553											
IRF8	CR599608_bp1238_R	AGCTAAAAGCCAGGAAGATTAGAACTAAATCTCTTGAATTTAGTTCTAATCTTCCTGGCGG	Hs.137427	15672	0.0099125	0.58601761	0.971159873	-0.0148875	0.69725152	0.96405538											
IRF8	CR599608_bp625_R	AGCTAAAAGTGGCCCGCATCATGATTAAATCTCTTGAATTTAATCATGATGCGGGCCACGG	Hs.137427	4916	0.0934875	0.33530746	0.631869021	0.1484625	0.56805571	0.602616209											
IRF8	CR599608_bp625_R	AGCTAAAAGTGGCCCGCATCATGATTAAATCTCTTGAATTTAATCATGATGCGGGCCACGG	Hs.137427	10292	0.1275125	0.35584781	0.529386066	0.3320125	0.30511848	0.129880933											
IRF8	CR599608_bp625_R	AGCTAAAAGTGGCCCGCATCATGATTAAATCTCTTGAATTTAATCATGATGCGGGCCACGG	Hs.137427	15668	0.1350875	0.36054327	0.509127113	0.3796875	0.43506322	0.150850857											
ISL2	BC012136_bp113_R	AGCTAAAAGTGCTATGGGTGATCATTCCATCTCTTGAATGGAATGATGCACCCATAGCACCGG	Hs.444677	4291	4.398225	3.6318351	0.026181272	2.7967	0.67517718	0.000441223	-0.2236										
ISL2	BC012136_bp113_R	AGCTAAAAGTGCTATGGGTGATCATTCCATCTCTTGAATGGAATGATGCACCCATAGCACCGG	Hs.444677	9667	4.32525	3.43152644	0.022736363	2.39295	0.60038572	0.000575163	0.4384										
ISL2	BC012136_bp113_R	AGCTAAAAGTGCTATGGGTGATCATTCCATCTCTTGAATGGAATGATGCACCCATAGCACCGG	Hs.444677	15043	3.439925	2.30867971	0.012381511	2.5243	0.46126784

ITPKB	A1242780_bp2355_R	AGCTAAAAAGAAGGACATGTACCAGAAGATTCTCTTGAAATCTTCTGGTACATGTCCTTCGG	Hs.52808	4937	2.2164625	1.24386213	0.006651078	0.9387125	0.77406662	0.045201784					
ITPKB	A1242780_bp2355_R	AGCTAAAAAGAAGGACATGTACCAGAAGATTCTCTTGAAATCTTCTGGTACATGTCCTTCGG	Hs.52808	10313	1.5385625	0.76086163	0.004897597	0.3566375	0.69225759	0.308437946					
ITPKB	A1242780_bp2355_R	AGCTAAAAAGAAGGACATGTACCAGAAGATTCTCTTGAAATCTTCTGGTACATGTCCTTCGG	Hs.52808	15689	1.6943875	0.7750894	0.003461758	-1.0865							
ITPKB	A1242780_bp2727_R	GCCAAAGTGTGGATGATCGATCTCTTGAATCGATCATCCACACTTTGGCCGGG	Hs.52808	4933	0.6115375	0.27816657	0.014890792	-0.4567375	0.46458329	0.109515585					
ITPKB	A1242780_bp2727_R	GCCAAAGTGTGGATGATCGATCTCTTGAATCGATCATCCACACTTTGGCCGGG	Hs.52808	10309	0.4325625	0.43202139	0.095770682	-0.6931875	0.63702851	0.068283156					
ITPKB	A1242780_bp2727_R	GCCAAAGTGTGGATGATCGATCTCTTGAATCGATCATCCACACTTTGGCCGGG	Hs.52808	15685	-0.530916667	0.73911346	0.197649798	-0.3555	1.58604051	0.67402711					
ITPKB	A1242780_bp675_R	AGCTAAAAAGGAGCAATGTTCAGAGACTTCTCTCTGAAGAAGTCTCTGAACATTGCTCCGG	Hs.52808	4935	-0.3337375	0.23396954	0.087939626	-0.2039375	0.76278179	0.574450754					
ITPKB	A1242780_bp675_R	AGCTAAAAAGGAGCAATGTTCAGAGACTTCTCTCTGAAGAAGTCTCTGAACATTGCTCCGG	Hs.52808	10311	-0.3438125	0.07462183	0.048414496	-0.4213875	0.75494847	0.268779941					
ITPKB	A1242780_bp675_R	AGCTAAAAAGGAGCAATGTTCAGAGACTTCTCTCTGAAGAAGTCTCTGAACATTGCTCCGG	Hs.52808	15687	-0.1834625	0.15256914	0.253113936	-0.3551875	0.82370915	0.374183671					
ITPKB	BX537724_bp1709_R	AGCTAAAAAGGGGAGCTCATTGTTAACAAATCTCTTGAATTTGTTAACAATGAGCTCCCCGG	Hs.119065	4686	-0.0407625	0.31389482	0.822307351	0.4071125	0.15715935	0.041600981					
ITPKB	BX537724_bp1709_R	AGCTAAAAAGGGGAGCTCATTGTTAACAAATCTCTTGAATTTGTTAACAATGAGCTCCCCGG	Hs.119065	10062	-0.1027125	0.12024536	0.488374518	0.3969625	0.41490322	0.043595581					
ITPKB	BX537724_bp1709_R	AGCTAAAAAGGGGAGCTCATTGTTAACAAATCTCTTGAATTTGTTAACAATGAGCTCCCCGG	Hs.119065	15438	0.0124875	0.28833166	0.944527591	0.3945125	0.14691278	0.044082531					
ITPKB	BX537724_bp3706_R	AGCTAAAAAGCCATTTGCTCACATTTATATCTCTTGAATATAAATGTGAGCAAATGGCCGG	Hs.119065	4684	-0.0826875	0.20612964	0.609552284	-0.0758375	0.30276027	0.690825708					
ITPKB	BX537724_bp3706_R	AGCTAAAAAGCCATTTGCTCACATTTATATCTCTTGAATATAAATGTGAGCAAATGGCCGG	Hs.119065	10060	-0.1048375	0.17230503	0.503315686	-0.1379875	0.30473601	0.479909057					
ITPKB	BX537724_bp3706_R	AGCTAAAAAGCCATTTGCTCACATTTATATCTCTTGAATATAAATGTGAGCAAATGGCCGG	Hs.119065	15436	0.1153125	0.09705334	0.430825996	0.0193875	0.27501064	0.914648976					
JAK1	NM_002227_bp142_R	AGCTAAAAAGGGGTGGAAGTGATCTTCTATTTCTTTGAAATAGAAGATCACTTCCACCCCGG	Hs.207538	1683	4.0885	1.19543472	0.004713943								
JAK1	NM_002227_bp142_R	AGCTAAAAAGGGGTGGAAGTGATCTTCTATTTCTTTGAAATAGAAGATCACTTCCACCCCGG	Hs.207538	7059	3.91185	1.3085011	0.006632389								
JAK1	NM_002227_bp142_R	AGCTAAAAAGGGGTGGAAGTGATCTTCTATTTCTTTGAAATAGAAGATCACTTCCACCCCGG	Hs.207538	12435	3.70175	0.99610132	0.004163321								
JAK1	NM_002227_bp196S_R	AGCTAAAAAGAGACAGGTCTCCCACAAACATCTCTTGAATGTTTGTGGGAGACCTGTCTCGG	Hs.207538	1685				0.633							
JAK1	NM_002227_bp196S_R	AGCTAAAAAGAGACAGGTCTCCCACAAACATCTCTTGAATGTTTGTGGGAGACCTGTCTCGG	Hs.207538	7061				0.64							
JAK1	NM_002227_bp196S_R	AGCTAAAAAGAGACAGGTCTCCCACAAACATCTCTTGAATGTTTGTGGGAGACCTGTCTCGG	Hs.207538	12437				0.6384							
JAK1	NM_002227_bp2233_R	AGCTAAAAAGCCCATTCATCAAGCTCAGTTCCTCTGAAACTGAGCTTGATGAATGGGCCGG	Hs.207538	5520	0.0124	0.42014491	0.954688804	0.9276625	0.53339687	0.01754135					
JAK1	NM_002227_bp2233_R	AGCTAAAAAGCCCATTCATCAAGCTCAGTTCCTCTGAAACTGAGCTTGATGAATGGGCCGG	Hs.207538	10896	0.0615	0.39775005	0.771865129	0.8147875	0.54819854	0.02924605					
JAK1	NM_002227_bp2233_R	AGCTAAAAAGCCCATTCATCAAGCTCAGTTCCTCTGAAACTGAGCTTGATGAATGGGCCGG	Hs.207538	144	0.5456										
JAK2	NM_004972_bp1183_R	AGCTAAAAAGGTACAGATTTCGCAGATTTATCTCTTGAATAAATCTGCGAAATCTGTACCGG	Hs.591081	25	0.257033333	0.37139039	0.317327455	0.2334875	0.25851131	0.226442607					
JAK2	NM_004972_bp1183_R	AGCTAAAAAGGTACAGATTTCGCAGATTTATCTCTTGAATAAATCTGCGAAATCTGTACCGG	Hs.591081	5401	0.317233333	0.51106385	0.300035324	0.3087125	0.23619556	0.119897854					
JAK2	NM_004972_bp1183_R	AGCTAAAAAGGTACAGATTTCGCAGATTTATCTCTTGAATAAATCTGCGAAATCTGTACCGG	Hs.591081	10777	0.10955	0.47411775	0.645947059	0.4354625	0.15533428	0.033373257					
JAK2	NM_004972_bp3852_R	AGCTAAAAAGCTCTTCGAGTGGATCAAATATCTCTTGAATATTTGATCCACTCGAAGAGCGG	Hs.434374	26	0.311025	0.45401591	0.212918839	0.1219125	0.13163761	0.427259564					
JAK2	NM_004972_bp3852_R	AGCTAAAAAGCTCTTCGAGTGGATCAAATATCTCTTGAATATTTGATCCACTCGAAGAGCGG	Hs.434374	5402	0.374175	0.50343525	0.170091008	0.1851375	0.12205468	0.244457651					
JAK2	NM_004972_bp3852_R	AGCTAAAAAGCTCTTCGAGTGGATCAAATATCTCTTGAATATTTGATCCACTCGAAGAGCGG	Hs.434374	10778	0.39165	0.50667437	0.155939618	0.1781125	0.11236092	0.256084088					
JAK2	NM_004972_bp673_R	AGCTAAAAAGGGAGTATGTTGCAGAAGAAATCTCTTGAATTTCTTCTGCAACATACTCCCGG	Hs.591081	27	1.565733333	0.53558122	0.004627592	0.3813875	0.19775198	0.05955342					
JAK2	NM_004972_bp673_R	AGCTAAAAAGGGAGTATGTTGCAGAAGAAATCTCTTGAATTTCTTCTGCAACATACTCCCGG	Hs.591081	10779	1.709633333	0.44695282	0.00225381	0.5697125	0.31197313	0.029603966					
JAK2	NM_004972_bp673_R	AGCTAAAAAGGGAGTATGTTGCAGAAGAAATCTCTTGAATTTCTTCTGCAACATACTCCCGG	Hs.591081	5403	1.4941			0.4598375	0.24552685	0.04209914					
JAK3	NM_000215_bp1502_R	AGCTAAAAAGACCCCTCACTTCCTGCTGTATTCTCTTGAAATACAGCAGGAAGTGAGGGTCGGG	Hs.515247	100				-0.137116667	1.20909551	0.818422745					
JAK3	NM_000215_bp1502_R	AGCTAAAAAGACCCCTCACTTCCTGCTGTATTCTCTTGAATACAGCAGGAAGTGAGGGTCGGG	Hs.515247	5476				-0.1469	1.67386317	0.866172955					
JAK3	NM_000215_bp1502_R	AGCTAAAAAGACCCCTCACTTCCTGCTGTATTCTCTTGAATACAGCAGGAAGTGAGGGTCGGG	Hs.515247	10852				-0.0789	1.58674762	0.924170459					
JAK3	NM_000215_bp212_R	AGCTAAAAAGCGCCTATCTTTCTCCTTTGGTCTCTTGAACCAAAGGAGAAAGATAGGCGCGG	Hs.515247	101	1.3238			0.1447375	0.73337559	0.677667785					
JAK3	NM_000215_bp212_R	AGCTAAAAAGCGCCTATCTTTCTCCTTTGGTCTCTTGAACCAAAGGAGAAAGATAGGCGCGG	Hs.515247	5477	1.4325			0.371683333	0.63889772	0.33585602					
JAK3	NM_000215_bp212_R	AGCTAAAAAGCGCCTATCTTTCTCCTTTGGTCTCTTGAACCAAAGGAGAAAGATAGGCGCGG	Hs.515247	10853	0.424633333	0.90596515	0.353478324	0.0461625	0.81145015	0.902310252					
JAK3	NM_000215_bp2431_R	AGCTAAAAAGCCTCATCTCTTCAGACTATGTCTCTTGAACATAGTCTGAAGAGATGAGGCGG	Hs.515247	102	-0.8099	0.35666103	0.007780328	-0.1430375	0.09410828	0.341777148					
JAK3	NM_000215_bp2431_R	AGCTAAAAAGCCTCATCTCTTCAGACTATGTCTCTTGAACATAGTCTGAAGAGATGAGGCGG	Hs.515247	5478	-0.8211	0.368834999	0.007899892	-0.1672875	0.14866779	0.299146714					
JAK3	NM_000215_bp2431_R	AGCTAAAAAGCCTCATCTCTTCAGACTATGTCTCTTGAACATAGTCTGAAGAGATGAGGCGG	Hs.515247	10854	-0.7918	0.38263335	0.00996338	-0.1804375	0.18289642	0.285945885					
JDP2	BX647685_bp1400_R	AGCTAAAAAGCTGGGGCTTTGGATAAACTATCTCTTGAATAGTTTATCCAAAGCCCCAGCGG	Hs.591081	4464	-0.3787	0.45437201	0.142921571	-0.075675	0.29790928	0.689234596	0.7196	0.38751707	0.042409112		
JDP2	BX647685_bp1400_R	AGCTAAAAAGCTGGGGCTTTGGATAAACTATCTCTTGAATAGTTTATCCAAAGCCCCAGCGG	Hs.591081	9840	-0.1928	0.56536352	0.481954989	0.0056	0.16624761	0.971010361	0.676666667	0.31156748	0.043852833		
JDP2	BX647685_bp1400_R	AGCTAAAAAGCTGGGGCTTTGGATAAACTATCTCTTGAATAGTTTATCCAAAGCCCCAGCGG	Hs.591081	15216	-0.237325	0.54438753	0.38073774	-0.1167	0.30533939	0.547202369	0.566566667	0.30697274	0.074517926		
JDP2	BX647685_bp3840_R	AGCTAAAAAGGCGGGGGGATGTCTAATTTATCTCTTGAATAAATTAGACATCCCCCCGCCGG	Hs.591081	4462	-0.500325	0.52690652	0.092678508	-1.2218	0.72744789	0.015785954	-0.1676	0.64169026	0.627821338		
JDP2	BX647685_bp3840_R	AGCTAAAAAGGCGGGGGGATGTCTAATTTATCTCTTGAATAAATTAGACATCCCCCCGCCGG	Hs.591081	9838	-0.64265	0.45036865	0.031300914	-0.481975	0.52113544	0.116955205	-0.16726667	0.60661154	0.619054682		
JDP2	BX647685_bp3840_R	AGCTAAAAAGGCGGGGGGATGTCTAATTTATCTCTTGAATAAATTAGACATCCCCCCGCCGG	Hs.591081	15214	-0.1143	1.35942372	0.84108617	-0.933533333	0.6939736	0.06299977	-0.40575	0.89427795	0.408476165		
JMJD5	BC027911_bp1065_R	AGCTAAAAAGAGAGGAAATCACATCATAATCTCTTGAAATTGATGGTGATTTCCTCCTCGG	Hs.145717	4435	1.843566667	2.64474669	0.165873311	1.015275	0.96163154	0.063037867	0.908733333	1.16549343	1.011581141		
JMJD5	BC027911_bp1065_R	AGCTAAAAAGAGAGGAAATCACATCATAATCTCTTGAAATTGATGGTGATTTCCTCCTCGG	Hs.145717	15187	2.420225	1.63447522	0.131194745	1.274333333	0.93947883	0.053190325	0.523633333	1.53538204	0.422391827		
JMJD5	BC027911_bp1065_R	AGCTAAAAAGAGAGGAAATCACATCATAATCTCTTGAAATTGATGGTGATTTCCTCCTCGG	Hs.145717	9811	3.6173	4.40103261	0.138658719	1.00065	0.50621775	0.07264858					
JMJD5	BC027911_bp1346_R	AGCTAAAGGTGAAATACTGGCATTACGTTCTTCTGAAACGTGATGCCGATATTTCACCGG	Hs.145717	4439	0.7099	0.950005005	0.122758268	-0.357675	0.37802902	0.142098659	0.498366667	0.6875171	0.19844094		
JMJD5	BC027911_bp1346_R	AGCTAAAGGTGAAATACTGGCATTACGTTCTTCTGAAACGTGATGCCGATATTTCACCGG	Hs.145717	9815	0.7729	1.06238131	0.132491002	-0.812725	0.39119602	0.0132805	1.2926	0.38919157	0.018199868		
JMJD5	BC027911_bp1346_R	AGCTAAAGGTGAAATACTGGCATTACGTTCTTCTGAAACGTGATGCCGATATTTCACCGG	Hs.145717	15191	1.22195	1.05175327	0.035140889	-0.554275	0.61669883	0.113836122	0.601066667	0.64546325	0.12361366		
JMJD5	BC027911_bp564_R	AGCTAAAAAGGGACATCCCTTCTAAAGTCTCTTGAAGACTTTAAGAAGGATGTCCCCGG	Hs.145717	4437	-0.379266667	0.35457345	0.160606697	1.192375	0.35043978	0.002331941	-0.42356667	0.55175956	0.219674355		
JMJD5	BC027911_bp564_R	AGCTAAAAAGGGACATCCCTTCTAAAGTCTCTTGAAGACTTTAAGAAGGATGTCCCCGG	Hs.145717	9813	-0.5425	0.19120167	0.116423899	1.39765	0.13539799	0.000311974	-0.41393333	0.27041103	0.154542223		
JMJD5	BC027911_bp564_R	AGCTAAAAAGGGACATCCCTTCTAAAGTCTCTTGAAGACTTTAAGAAGGATGTCCCCGG	Hs.145717	15189	-0.13475	0.86609317	0.723290803	0.9852			-0.26256667	0.46211948	0.394459706		
JUN	NM_002228_bp1111_R	AGCTAAAAAGCGGACCTTATGGCTACAGTATCTCTTGAATACGTCTAAACGATCCTCGGG	Hs.525704	1148	3.6423875	0.78478138	0.000108772				0.490633333	1.13909749	0.396323982		
JUN	NM_002228_bp1111_R	AGCTAAAAAGCGGACCTTATGGCTACAGTATCTCTTGAATACGTCTAGCCATAAGGTCCGCGG	Hs.525704	6524	3.9273125	1.19598925	0.000456295				0.462525	1.20438312	0.350612845		
JUN	NM_002228_bp1111_R	AGCTAAAAAGCGGACCTTATGGCTACAGTATCTCTTGAATACGTCTAGCCATAAGGTCCGCGG	Hs.525704	11900	3.9061125	1.15158487	0.000395878				0.629575	1.17416414	0.209582876		
JUN	NM_002228_bp1956_R	AGCTAAAAGTGGCACAGCTTAAACAGAAATCTCTTGAATTTCTGTTTAAGCTGTGCCACGG	Hs.525704	2144	-0.26505	0.55609241	0.344698513				-0.356775	0.45946702	0.192315144		
JUN	NM_002228_bp1956_R	AGCTAAAAGTGGCACAGCTTAAACAGAAATCTCTTGAATTTCTGTTTAAGCTGTGCCACGG	Hs.525704	7520	-0.1873625	0.30769673	0.256712157				-0.490825	0.38419993	0.073166428		
JUN	NM_002228_bp1956_R	AGCTAAAAGTGGCACAGCTTAAACAGAAATCTCTTGAATTTCTGTTTAAGCTGTGCCACGG	Hs.525704	12896	-0.115983333	0.35271059	0.527712512				-0.423975	0.37226859	0.107089146		
JUN	NM_002228_bp1998_R	AGCTAAAAAGGGTGCCAACTCATGCTAACGTCTCTTGAACGTTAGCATGAGTTGGCACCCGG	Hs.525704	2146	2.4818	0.06472086	0.000129094				-1.8508	0.8158598	0.011630814		
JUN	NM_002228_bp1998_R	AGCTAAAAAGGGTGCCAACTCATGCTAACGTCTCTTGAACGTTAGCATGAGTTGGCACCCGG	Hs.525704	7522	2.4129	1.10556268	0.000157019				-1.88615	0.97517096	0.014821454		
JUN	NM_002228_bp1998_R	AGCTAAAAAGGGTGCCAACTCATGCTAACGTCTCTTGAACGTTAGCATGAGTTGGCACCCGG	Hs.525704	12898	2.717566667	0.51205014	0.000536093				-1.97695	0.93590725	0.011689208		
JUNB	NM_002229_bp1237_R	AGCTAAAAGTGGCCCAGCTCAAACAGAAGTCTCTTGAACTTCTGTTTGAGCTGGGCCACGG	Hs.25292	1146	1.0208375	0.33298966	0.002975305				-0.7765	0.13159661	0.005704295		
JUNB	NM_002229_bp1237_R	AGCTAAAAGTGGCCCAGCTCAAACAGAAGTCTCTTGAACTTCTGTTTGAGCTGGGCCACGG	Hs.25292	6522	0.9837125	0.32687558	0.003383019				-0.768875	0.15776323	0.006344522		
JUNB	NM_002229_bp1237_R	AGCTAAAAGTGGCCCAGCTCAAACAGAAGTCTCTTGAACTTCTGTTTGAGCTGGGCCACGG	Hs.25292	11898	0.9974125	0.31297907	0.002901524				-0.775475	0.15951066	0.006121105		
JUNB	NM_002229_bp1536_R	AGCTAAAAGGAAACAGACTCGATTCATATTCTCTTGAATATGAATCGAGTCTGTTTCCGG	Hs.25292	1147	1.0033875	0.43536327	0.006074124				-0.031975	0.69010738	0.928446384		
JUNB	NM_002229_bp1536_R	AGCTAAAAGGAAACAGACTCGATTCATATTCTCTTGAATATGAATCGAGTCTGTTTCCGG	Hs.25292	6523	1.0262375	0.45395332	0.066153127				-0.123475	0.87440264	0.747802892		
JUNB	NM_002229_bp1536_R	AGCTAAAAGGAAACAGACTCGATTCATATTCTCTTGAATATGAATCGAGTCTGTTTCCGG	Hs.25292	11899	1.0297875	0.48155329	0.007135718				-0.056525	0.84197217	0.883681842		
JUNB	NM_002229_bp352_R	AGCTAAAAGCCTCTCTCTACACGACTACTCTCTTGAAGTAGTCGTGTAGAGAGAGGCCGG	Hs.25292	12894	0.0678625	0.74403914	0.927518509				0.772425	1.63034292	0.240842698		
JUNB	NM_002229_bp352_R	AGCTAAAAGCCTCTCTCTACACGACTACTCTCTTGAAGTAGTCGTGTAGAGAGAGGCCGG	Hs.25292	7518	0.1045875	0.69122592	0.830822647				0.910133333	1.90040831	0.259325329		
JUNB	NM_002229_bp352_R	AGCTAAAAGCCTCTCTCTACACGACTACTCTCTTGAAGTAGTCGTGTAGAGAGAGGCCGG	Hs.25292	2142	0.0869625	0.71655782	0.878345845				1.74255	2.09961217	0.090891327		
JUND	NM_005354_bp1631_R	AGCTAAAAGCCCTATTTATGTTTCTACTCTCTCTTGAAGAGTAGAAACATAAATAGGGCGG	Hs.2780	1145	-0.7815125	0.3994049	0.009676266				-0.5688	0.40284891	0.047853985		
JUND	NM_005354_bp1631_R	AGCTAAAAGCCCTATTTATGTTTCTACTCTCTCTTGAAGAGTAGAAACATAAATAGGGCGG	Hs.2780	6521	-0.7694375	0.37201233	0.008723779				-0.61615	0.39799603	0.035402969		
JUND	NM_005354_bp1631_R	AGCTAAAAGCCCTATTTATGTTTCTACTCTCTCTTGAAGAGTAGAAACATAAATAGGGCGG	Hs.2780	11897	-0.7506125	0.3787919	0.009994072				-0.5736	0.41959162	0.048981385		
JUND	NM_005354_bp1663_R	AGCTAAAAGTTGGTTGTGTGTGTGTGTTCTCTTGAAACACACACACACACAACCAACGG	Hs.2780	2140	1.4725875	1.01689758	0.017833179				-0.018875	0.75473323	0.963666797		
JUND	NM_005354_bp1663_R	AGCTAAAAGTTGGTTGTGTGTGTGTGTTCTCTTGAAACACACACACACACAACCAACGG	Hs.2780	7516	1.3932125	1.02189188	0.022343415				0.069925	0.74235038	0.822325539		
JUND	NM_005354_bp1663_R	AGCTAAAAGTTGGTTGTGTGTGTGTGTTCTCTTGAAACACACACACACACAACCAACGG	Hs.2780	12892	1.4464125	1.07727848	0.023113513				0.124775	0.71151754	0.688400735		
JUND	NM_005354_bp1822_R	AGCTAAAAGAGTCCACATTCCTGTTTGTATCTCTTGAATACAAACAGGATGTGGACTCGG	Hs.2780	1144	1.1107125	0.55185498	0.007775595				0.097375	0.73354445	0.757100553		
JUND	NM_005354_bp1822_R	AGCTAAAAGAGTCCACATTCCTGTTTGTATCTCTTGAATACAAACAGGATGTGGACTCGG	Hs.2780	6520	1.0910875	0.52440945	0.007206447				0.158025	0.59335167	0.576833553		
JUND	NM_005354_bp1822_R	AGCTAAAAGAGTCCACATTCCTGTTTGTATCTCTTGAATACAAACAGGATGTGGACTCGG	Hs.2780	11896	1.1422375	0.46512758	0.004182911				0.146825	0.71475004	0.641103973		
KCNA3	NM_002232_bp1162_R	AGCTAAAAAGTTCTTCGCTTGTCCTCAGCATCTCTTGAATGCTAGGACAAGCGAAGAACCGG	Hs.169948	3332	0.71045	0.39135136	0.015974896				0.048425	0.61585338	0.868932003		
KCNA3	NM_002232_bp1162_R	AGCTAAAAAGTTCTTCGCTTGTCCTCAGCATCTCTTGAATGCTAGGACAAGCGAAGAACCGG	Hs.169948	8708	0.919975	0.4306605	0.007215452				0.38385	0.53430657	0.189646175		
KCNA3	NM_002232_bp1162_R	AGCTAAAAAGTTCTTCGCTTGTCCTCAGCATCTCTTGAATGCTAGGACAAGCGAAGAACCGG	Hs.169948	14084	0.478475	0.46995554	0.08458395				0.42095	0.31180303	0.092107197		
KCNA3	NM_002232_bp1703_R	AGCTAAAAGCAGAGAGCAATCCCAGTACATTCTCTTGAAATGTACTGGGATTGCTTCTTCCGG	Hs.169948	3330	-0.2841175	0.39708669	0.216009808				-0.871425	1.04405429	0.076071444		
KCNA3	NM_002232_bp1703_R	AGCTAAAAGCAGAGAGCAATCCCAGTACATTCTCTTGAAATGTACTGGGATTGCTTCTTCCGG	Hs.169948	8706	-0.249975	0.24637084	0.180196115				-0.8576	1.01541701	0.074662362		
KCNA3	NM_002232_bp1703_R	AGCTAAAAGCAGAGAGCAATCCCAGTACATTCTCTTGAAATGTACTGGGATTGCTTCTTCCGG	Hs.169948	14082	-0.26355	0.31007034	0.195116049				-0.815725	1.03898235	0.090989298		
KCNA3	NM_002232_bp1783_R	AGCTAAAGTAACTTGACTCTGAGTAAGTTCTCTTGAAACTTACTCAGAGTCGAGTTACGG	Hs.169948	1334	1.23445	0.77169955	0.012668964				-0.6094	0.42692806	0.040074557		
KCNA3	NM_002232_bp1783_R	AGCTAAAGTAACTTGACTCTGAGTAAGTTCTCTTGAAACTTACTCAGAGTCGAGTTACGG	Hs.169948	8710	0.929275	1.20128809	0.111705314				-0.1171	0.90978435	0.760078109		
KCNA3	NM_002232_bp1783_R	AGCTAAAGTAACTTGACTCTGAGTAAGTTCTCTTGAAACTTACTCAGAGTCGAGTTACGG	Hs.169948	14086	0.937625	1.11339914	0.091213677				-0.52115	0.65222513	0.123072387		
KCNK12	BM909477_bp1322_R	AGCTAAAAGCCCCACACTTTAGTTATCTATCTCTTGAATAGATAACTAAGTATGTGGGGCGG	Hs.591586	4461	-0.698	0.67179334	0.094761962	-0.2433	0.09458125	0.137213131	-0.5185	0.75533942	0.20369717		
KCNK12	BM909477_bp1322_R	AGCTAAAAGCCCCACACTTTAGTTATCTATCTCTTGAATAGATAACTAAGTATGTGGGGCGG	Hs.591586	9837	-0.505466667	0.18591098	0.050735841	-0.531			-0.4475	0.67097199	0.23553267		
KCNK12	BM909477_bp1322_R	AGCTAAAAGCCCCACACTTTAGTTATCTATCTCTTGAATAGATAACTAAGTATGTGGGGCGG	Hs.591586	15213	-0.5292						0.9926				
KCNK12	BM909477_bp1583_R	AGCTAAAAAGCCCCGCGATTCTCCTTTCTATTTCTCTTGAAATAAGAAGGGACAGAAAGCGCGGG	Hs.591586	4489	-0.296375	0.36753622	0.183442109	-0.40825	0.83961514	0.321063578	0.073966667	0.43791508	0.800146271		
KCNK12	BM909477_bp1583_R	AGCTAAAAAGCCCCGCGATTCTCCTTTCTATTTCTCTTGAAATAAGAAGGGACAGAAAGCGCGGG	Hs.591586	9865	-0.306125	0.86180576	0.430785134	-0.0454	0.5843023	0.874338612	0.332	0.51442962	0.309202655		
KCNK12	BM909477_bp1583_R	AGCTAAAAAGCCCCGCGATTCTCCTTTCTATTTCTCTTGAATAAGAAGGGACAGAAAGCGCGGG	Hs.591586	15241	-0.12805	0.40748933	0.557383176	-0.369925	0.07910969	0.043667191	0.6682	0.27256054	0.042302216		
KCNK12	BM909477_bp872_R	AGCTAAAAAGCCCCGCGATTCTCCTTTCTATTTCTCTTGAAATAAGAGGAGAATCGCGGGACGGG	Hs.591586	4463	-0.07385	1.00383638	0.863827179	-0.14865	0.1020025	0.328182786	-1.4251	1.5270415	0.061918289		
KCNK12	BM909477_bp872_R	AGCTAAAAAGCCCCGCGATTCTCCTTTCTATTTCTCTTGAAATAAGAGGAGAATCGCGGGACGGG	Hs.591586	9839	0.0528	1.23140064	0.918929432	-0.38885	0.2237136	0.062800863	-1.33616667	1.52519655	0.074458827		
KCNK12	BM909477_bp872_R	AGCTAAAAAGCCCCGCGATTCTCCTTTCTATTTCTCTTGAAATAAGAGGAGAATCGCGGGACGGG	Hs.591586	15215	0.017275	0.97278036	0.967034847	-0.9641	0.74472481	0.037962261	-0.94966667	1.67206145	0.200782103		
KCNK9	AK090707_bp1043_R	AGCTAAAAAGTCCCTGCTGTGGCTAAGTAATCTCTTGAATTACTTAGCCACAGCAGGGACGG	Hs.493037	5013	-0.8480125	1.66699715	0.253364413	-0.2121125	0.61418672	0.489475429					
KCNK9	AK090707_bp1043_R	AGCTAAAAAGTCCCTGCTGTGGCTAAGTAATCTCTTGAATTACTTAGCCACAGCAGGGACGG	Hs.493037	10389	-0.5102625	0.17135431	0.016984669	-0.0126625	0.51763457	0.961412845					
KCNK9	AK090707_bp1043_R	AGCTAAAAAGTCCCTGCTGTGGCTAAGTAATCTCTTGAATTACTTAGCCACAGCAGGGACGG	Hs.493037	15765	-0.8968625	1.23293438	0.128957957	-0.0181625	0.4613446	0.940018893					
KCNK9	AK090707_bp2202_R	AGCTAAAAAGCCGACTCATCATCCAAAGATCCTCTTGAATCTTTGGATGAATGAGTCGGCGG	Hs.493037	5015	-1.3526875	1.64707909	0.091721415	-0.151116667	0.46796739	0.603265376					
KCNK9	AK090707_bp2202_R	AGCTAAAAAGCCGACTCATCATCCAAAGATCCTCTTGAATCTTTGGATGAATGAGTCGGCGG	Hs.493037	10391	-0.5381125	0.43749058	0.052567902	-0.0387625	0.43386408	0.867307308					
KCNK9	AK090707_bp2202_R	AGCTAAAAAGCCGACTCATCATCCAAAGATCCTCTTGAATCTTTGGATGAATGAGTCGGCGG	Hs.493037	15767	-0.8671625	1.64597128	0.239206297	0.1231125	0.35368773	0.555919702					
KCNK9	AK090707_bp897_R	AGCTAAAAAGCCCTTCCACTCATCATCATTCCTCTTGAAATGATGAATGAGTGGAAGGGCGG	Hs.493037	5041	-0.5233375	0.49296947	0.072099776	0.3065625	0.74432534	0.400268472					
KCNK9	AK090707_bp897_R	AGCTAAAAAGCCCTTCCACTCATCATCATTCCTCTTGAAATGATGAATGAGTGGAAGGGCGG	Hs.493037	10417	-0.6939125	0.29152165	0.009812138	0.1564875	0.43385487	0.51055484					
KCNK9	AK090707_bp897_R	AGCTAAAAAGCCCTTCCACTCATCATCATTCCTCTTGAAATGATGAATGAGTGGAAGGGCGG	Hs.493037	15793	-0.4966375	0.28060081	0.032062049	0.4398625	0.51726643	0.142209407					
KCNMA1	NM_002247_bp1327_R	AGCTAAAAGTCCCTGAAATCATAGAGTTATCCTTTGAATAACTCTATGATTTCAGGGACGG	Hs.144795	8740	-0.9566	0.52510566	0.010530492				-0.53515	0.57942031	0.09566179		
KCNMA1	NM_002247_bp1327_R	AGC

KCNRG	NM_173605_bp812_R	AGCTAAAAGAGTCAGGTATGTTTCTATAATCTCTTGAATTATAGAAACATACCTGACTCGG	Hs.508035	10424	1.1253625	0.08254017	0.00037552	-0.0550375	0.47637507	0.823962145				
KCNRG	NM_173605_bp812_R	AGCTAAAAGAGTCAGGTATGTTTCTATAATCTCTTGAATTATAGAAACATACCTGACTCGG	Hs.508035	15800	1.2320125	0.13515658	0.000304088	0.0218625	0.83206317	0.954612472				
KCNRG	NM_173605_bp874_R	AGCTAAAAGGCTTACTGATTGACACTTTATCTCTTGAATAAAGTGTCAATCAGTAAGCCGG	Hs.508035	5050	-0.5576875	0.4656554	0.053309069	0.7461125	0.69427707	0.067642492				
KCNRG	NM_173605_bp874_R	AGCTAAAAGGCTTACTGATTGACACTTTATCTCTTGAATAAAGTGTCAATCAGTAAGCCGG	Hs.508035	10426	-0.3751125	0.46423372	0.150571912	1.0659875	0.58823442	0.013885084				
KCNRG	NM_173605_bp874_R	AGCTAAAAGGCTTACTGATTGACACTTTATCTCTTGAATAAAGTGTCAATCAGTAAGCCGG	Hs.508035	15802	-0.3341375	0.65981664	0.295261138	1.093612	0.59843774	0.013283668				
KCNRG	NM_173605_bp956_R	AGCTAAAAAGCTATAGCTTTGAAAGGATAATCTCTTGAATTATCCTTTCAAAGCTATAGCGG	Hs.508035	5052	-0.2740875	0.26012109	0.155015727	-0.5897625	0.3744791	0.036395751				
KCNRG	NM_173605_bp956_R	AGCTAAAAGCTATAGCTTTGAAAGGATAATCTCTTGAATTATCCTTTCAAAGCTATAGCGG	Hs.508035	10428	-0.2543875	0.29140715	0.197990758	-0.5738875	0.62819039	0.10846713				
KCNRG	NM_173605_bp956_R	AGCTAAAAGCTATAGCTTTGAAAGGATAATCTCTTGAATTATCCTTTCAAAGCTATAGCGG	Hs.508035	15804	-0.2318375	0.24394627	0.207016108	-0.6555625	0.52302587	0.051842615				
KCTD7	NM_153033_bp668_R	AGCTAAAAAGCTCAAGGTCTGTGTCTTCAATCTCTTGAATTGAAGACACAGACCTTGAGCGG	Hs.520914	5207	-1.5532625	0.9902513	0.012011881	-0.1356875	0.38605473	0.538007556				
KCTD7	NM_153033_bp668_R	AGCTAAAAAGCTCAAGGTCTGTGTCTTCAATCTCTTGAATTGAAGACACAGACCTTGAGCGG	Hs.520914	10583	-0.8400125	0.92334862	0.027750696	-0.1156875	0.36933102	0.587982177				
KCTD7	NM_153033_bp668_R	AGCTAAAAAGCTCAAGGTCTGTGTCTTCAATCTCTTGAATTGAAGACACAGACCTTGAGCGG	Hs.520914	15959	-1.0850875	2.1259234	0.248888849	-0.1388125	0.41785157	0.548077616				
KCTD7	NM_153033_bp941_R	AGCTAAAAGGCGCCCCATCTATGAGTTCAATCTCTTGAATTGAACTCATAGATGGGGCGCGGG	Hs.520914	5205	-0.6239125	1.16652479	0.24090791	0.3640125	0.44116098	0.167851358				
KCTD7	NM_153033_bp941_R	AGCTAAAAGGCGCCCCATCTATGAGTTCAATCTCTTGAATTGAACTCATAGATGGGGCGCGGG	Hs.520914	10581	-0.0684375	0.23035752	0.68109206	0.4565625	0.44609186	0.109425609				
KCTD7	NM_153033_bp941_R	AGCTAAAAGGCGCCCCATCTATGAGTTCAATCTCTTGAATTGAACTCATAGATGGGGCGCGGG	Hs.520914	15957	-1.3235125	2.69502109	0.262993969	0.4380625	0.44893314	0.114504081				
KDR	NM_002253_bp3771_R	AGCTAAAAAGGTGGAACATTTGGGAAATCTTCTCTTGAAAGATTTCCCAAATGTTCCACCGG	Hs.479756	157	0.875075	0.8937598	0.063672758	0.0257375	0.72173556	0.939673604				
KDR	NM_002253_bp3771_R	AGCTAAAAAGGTGGAACATTTGGGAAATCTTCTCTTGAAAGATTTCCCAAATGTTCCACCGG	Hs.479756	5533	0.9204	0.911082352	0.057600531	-0.0214625	0.76829421	0.952265852				
KDR	NM_002253_bp3771_R	AGCTAAAAGGTGGAACATTTGGGAAATCTTCTCTTGAAAGATTTCCCAAATGTTCCACCGG	Hs.479756	10909	0.979125	0.85284615	0.039507144	0.0492375	0.7282003	0.885840001				
KDR	NM_002253_bp480_R	AGCTAAAAAGGACTGGCTTTGGCCCAATATATCTCTTGAATTATTGGGCCAAAGCCAGTCCGG	Hs.479756	158	0.0489	0.93398072	0.9035192	-0.4572875	0.90709515	0.301744975				
KDR	NM_002253_bp480_R	AGCTAAAAAGGACTGGCTTTGGCCCAATATATCTCTTGAATTATTGGGCCAAAGCCAGTCCGG	Hs.479756	5534	0.139725	0.93565913	0.730939771	-0.4988625	0.8545842	0.243657604				
KDR	NM_002253_bp480_R	AGCTAAAAAGGACTGGCTTTGGCCCAATATATCTCTTGAATTATTGGGCCAAAGCCAGTCCGG	Hs.479756	10910	0.18255	0.9426227	0.656747783	-0.4312125	0.88387165	0.316999923				
KDR	NM_002253_bp634_R	AGCTAAAAAGCCTCGGTCATTTATGTCTATTCTCTTGAAATAGACATAAATGACCGAGCGG	Hs.479756	1687	-0.681266667	0.3672833	0.038233585	-0.4843875	0.44096883	0.08651677				
KDR	NM_002253_bp634_R	AGCTAAAAAGCCTCGGTCATTTATGTCTATTCTCTTGAATAGACATAAATGACCGAGCGG	Hs.479756	7063	-0.650833333	0.36680843	0.043682023	-0.4833375	0.3646054 3	0.06325414				
KDR	NM_002253_bp634_R	AGCTAAAAAGCCTCGGTCATTTATGTCTATTCTCTTGAATAGACATAAATGACCGAGCGG	Hs.479756	12439	-0.85525	0.46292777	0.011655638	-0.4504375	0.33882114	0.068798063				
KHSRP	NM_003685_bp1117_R	AGCTAAAAAGGAGAGATGATCAAGAAGATCTCTCTTGAAGATCTTCTTGATCATCTCTCCGG	Hs.568331	3193	1.406275	0.69070979	0.005112835				2.0015	2.30885606	0.051871702	
KHSRP	NM_003685_bp1117_R	AGCTAAAAAGGAGAGATGATCAAGAAGATCTCTCTTGAAGATCTTCTTGATCATCTCTCCGG	Hs.568331	8569	1.451775	0.68212055	0.004277398				2.77765	3.94128874	0.092822981	
KHSRP	NM_003685_bp1117_R	AGCTAAAAAGGAGAGATGATCAAGAAGATCTCTCTTGAAGATCTTCTTGATCATCTCTCCGG	Hs.568331	13945	1.4624	0.65103613	0.003530866				1.66565	1.76525311	0.041111794	
KHSRP	NM_003685_bp1821_R	AGCTAAAAAGCCGCCCTACTACTACACATCTCTTGAATAGTGTGAGTAGTAGGCGGCCGG	Hs.568331	3195	1.2036	0.30831154	0.001004742				0.194275	0.5726372	0.498319251	
KHSRP	NM_003685_bp1821_R	AGCTAAAAAGCCGCCCTACTACTACACATCTCTTGAATAGTGTGAGTAGTAGGCGGCCGG	Hs.568331	8571	1.23815	0.33382036	0.001050977				0.093175	0.65624707	0.760631573	
KHSRP	NM_003685_bp1821_R	AGCTAAAAAGCCGCCCTACTACTACACATCTCTTGAATAGTGTGAGTAGTAGGCGGCCGG	Hs.568331	13947	1.220625	0.30835902	0.000942136				0.172675	0.55023513	0.537106727	
KHSRP	NM_003685_bp616_R	AGCTAAAAAGGCTGCAAAGTACAGATTTCTTCTCTTGAAAGAAATCTGTACTTTGCAGCCGG	Hs.568331	3167	1.2784	0.21477041	0.002429606				-0.023275	0.5763502	0.934279202	
KHSRP	NM_003685_bp616_R	AGCTAAAAAGGCTGCAAAGTACAGATTTCTTCTCTTGAAAGAAATCTGTACTTTGCAGCCGG	Hs.568331	8543	1.312625	0.18583816	0.000297678				0.075725	0.70824768	0.813260881	
KHSRP	NM_003685_bp616_R	AGCTAAAAAGGCTGCAAAGTACAGATTTCTTCTCTTGAAAGAAATCTGTACTTTGCAGCCGG	Hs.568331	13919	1.30505	0.16535688	0.000271403				-0.002125	0.68682702	0.994591341	
KIAA0310	XM_088459_bp1814_R	AGCTAAAAGTGGCATTGGTGCTCTGAGATCTCTTGAATCTCAGAAGCACCAATGCCACGG		2789	2.26465	1.23738909	0.005063401				-0.5648625	1.13078194	0.277793679	
KIAA0310	XM_088459_bp1814_R	AGCTAAAAGTGGCATTGGTGCTCTGAGATCTCTTGAATCTCAGAAGCACCAATGCCACGG		8165	2.2898	1.21884837	0.004548656				-0.7065875	1.26017131	0.215218286	
KIAA0310	XM_088459_bp1814_R	AGCTAAAAGTGGCATTGGTGCTCTGAGATCTCTTGAATCTCAGAAGCACCAATGCCACGG		13541	2.2633	1.19870616	0.004463271				-0.6769375	1.20119653	0.217256306	
KIAA0310	XM_088459_bp2226_R	AGCTAAAAAGCCTGCTAATTTGCTGGTTCATCTCTTGAATGAACCAGCAAATTAGCAGCGG		2787	-0.5586	0.14522708	0.017743968				0.9222875	1.2670432	0.09096163	
KIAA0310	XM_088459_bp2226_R	AGCTAAAAAGCCTGCTAATTTGCTGGTTCATCTCTTGAATGAACCAGCAAATTAGCAGCGG		8163	-0.524775	0.12989178	0.021724871				0.8155125	1.27027974	0.124805587	
KIAA0310	XM_088459_bp2226_R	AGCTAAAAAGCCTGCTAATTTGCTGGTTCATCTCTTGAATGAACCAGCAAATTAGCAGCGG		13539	-0.6543	0.23075076	0.014374364				0.8901625	1.1873939	0.085606284	
KIAA0310	XM_088459_bp3835_R	AGCTAAAAAGGCGGTCAGCTTATCAAAGTGTCTCTTGAACACTTTGATAAGCTGACCGCCGG		2785	-0.388275	0.79715683	0.462264574				1.4887	0.84386123	0.022370573	
KIAA0310	XM_088459_bp3835_R	AGCTAAAAAGGCGGTCAGCTTATCAAAGTGTCTCTTGAACACTTTGATAAGCTGACCGCCGG		8161	-0.446575	0.82176415	0.403848327				1.56855	0.86429662	0.019653282	
KIAA0310	XM_088459_bp3835_R	AGCTAAAAAGGCGGTCAGCTTATCAAAGTGTCTCTTGAACACTTTGATAAGCTGACCGCCGG		13537	-0.75595						1.47175	0.87645886	0.024607707	
KIAA0746	BC060867_bp2658_R	AGCTAAAAGCATGAAGCTTTGCTGTATTATCTCTTGAATAATACAGCAAAGCTTCATGCGG	Hs.479384	4532	0.128	0.75783066	0.733739221	0.0414	0.35305168	0.839926919	1.017	2.37922166	0.304344075	
KIAA0746	BC060867_bp2658_R	AGCTAAAAGCATGAAGCTTTGCTGTATTATCTCTTGAATAATACAGCAAAGCTTCATGCGG	Hs.479384	9908	1.109675	0.33798196	0.001778445	-0.0388	0.46497233	0.891274469	0.712133333	1.89645049	0.369156379	
KIAA0746	BC060867_bp2658_R	AGCTAAAAGCATGAAGCTTTGCTGTATTATCTCTTGAATAATACAGCAAAGCTTCATGCGG	Hs.479384	15284	0.64375	0.14472291	0.005885289	-0.393925	0.79196208	0.314582781	0.5003	1.8848411	0.517068609	
KIAA0746	BC060867_bp509_R	AGCTAAAAGCGCCTGGATTACTCACAAATCTCTTGAAATTTGTGAGTAATCCAGGCGCGGG	Hs.479384	4528	-0.137	0.32773871	0.4832842	-0.204125	0.26010734	0.282091153	0.272766667	0.66559019	0.447259026	
KIAA0746	BC060867_bp509_R	AGCTAAAAGCGCCTGGATTACTCACAAATCTCTTGAAATTTGTGAGTAATCCAGGCGCGGG	Hs.479384	9904	0.187425	0.13215976	0.235389129	0.030775	0.38602771	0.886459701	0.114833333	0.6412736	0.738024533	
KIAA0746	BC060867_bp509_R	AGCTAAAAGCGCCTGGATTACTCACAAATCTCTTGAAATTTGTGAGTAATCCAGGCGCGGG	Hs.479384	15280	-0.1155	0.2297168	0.494596726	-0.173625	0.48430738	0.497961049	0.486733333	1.23243355	0.374911571	
KIAA0746	BC060867_bp864_R	AGCTAAAAGTGGCTTTATTTACTCCATTATCTCTTGAATAATGGAGTAAATAAAGCCACGG	Hs.479384	4530	-0.110275	1.01584624	0.800351527	-0.696675	0.65496018	0.071644929	0.778666667	1.23475528	0.180158499	
KIAA0746	BC060867_bp864_R	AGCTAAAAGTGGCTTTATTTACTCCATTATCTCTTGAATAATGGAGTAAATAAAGCCACGG	Hs.479384	9906	0.1893	0.93866947	0.670866558	-0.482325	0.51900459	0.115931507	0.707466667	1.45598116	0.271601368	
KIAA0746	BC060867_bp864_R	AGCTAAAAGTGGCTTTATTTACTCCATTATCTCTTGAATAATGGAGTAAATAAAGCCACGG	Hs.479384	15282	0.193833333	0.99876342	0.68211355	-0.15705	0.26226591	0.610975474	0.7619	1.1461431	0.167194345	
KIAA0828	BC024325_bp1297_R	AGCTAAAAAGGCTCCATTGTGTATGTAACTTCTCTTGAAGTTACATACACAATGGAGCCGG	Hs.195058	4429	0.421025	1.08321709	0.38081709	-0.049475	0.20348365	0.761628098	1.0779	0.92252773	0.043673565	
KIAA0828	BC024325_bp1297_R	AGCTAAAAAGGCTCCATTGTGTATGTAACTTCTCTTGAAGTTACATACACAATGGAGCCGG	Hs.195058	9805	0.54195	1.06515228	0.264650385	-0.055325	0.36275519	0.790727699	0.707566667	1.0404737	0.167667996	
KIAA0828	BC024325_bp1297_R	AGCTAAAAAGGCTCCATTGTGTATGTAACTTCTCTTGAAGTTACATACACAATGGAGCCGG	Hs.195058	15181	0.45275	1.62570245	0.511939138	-0.44905	0.39402681	0.087489484	0.980566667	1.2116157	0.102916028	
KIAA0828	BC024325_bp1357_R	AGCTAAAAGGATTTCGACTGGTGAAATTATCTCTTGAATAATTCACCAGTCGAAATCCGG	Hs.195058	4433	-0.459675	0.72474011	0.196398474	0.01165	0.34331599	0.953868838	-0.4188	0.41506943	0.184131457	
KIAA0828	BC024325_bp1357_R	AGCTAAAAGGATTTCGACTGGTGAAATTATCTCTTGAATAATTCACCAGTCGAAATCCGG	Hs.195058	9809	-0.198925	0.66026553	0.517899626	-0.09895	0.25834507	0.581325259	-0.1874	1.06372996	0.692271995	
KIAA0828	BC024325_bp1357_R	AGCTAAAAGGATTTCGACTGGTGAAATTATCTCTTGAATAATTCACCAGTCGAAATCCGG	Hs.195058	15185	0.322075	1.13420626	0.512548149	-0.0471	0.6194713	0.875457227	-0.19703333	0.5513716	0.543280403	
KIAA0828	BC024325_bp856_R	AGCTAAAAGCTGCTGCTCTAGCAGAAAGTTCTCTTGAAACTTTCTGCTAGAGCAGCAGCGG	Hs.195058	4431	-0.3382	0.7043006	0.365697424	-0.793			-0.0091			
KIAA0828	BC024325_bp856_R	AGCTAAAAGCTGCTGCTCTAGCAGAAAGTTCTCTTGAAACTTTCTGCTAGAGCAGCAGCGG	Hs.195058	9807	-0.602975	0.5203512	0.052963168	-0.56255	0.40100026	0.179117487	-0.9685			
KIAA0828	BC024325_bp856_R	AGCTAAAAGCTGCTGCTCTAGCAGAAAGTTCTCTTGAAACTTTCTGCTAGAGCAGCAGCGG	Hs.195058	15183	-0.0881	0.76042828	0.814608865	-0.5834	0.27464027	0.141061611	-0.1128	0.81232427	0.056129406	
KIAA0870	NM_014957_bp1119_R	AGCTAAAAGCGGTTTAGTTCTGATAAATTCCTCTTGAAATTTACAGAACTAAACCGTCGG	Hs.18166	4648	-0.940125	0.19899463	0.001523034	-0.623825	0.77813993	0.130454177				
KIAA0870	NM_014957_bp1119_R	AGCTAAAAGCGGTTTAGTTCTGATAAATTCCTCTTGAAATTTACAGAACTAAACCGTCGG	Hs.18166	10024	-0.7165125	0.12492526	0.003463681	-0.2324	0.11073292	0.433165551				
KIAA0870	NM_014957_bp1119_R	AGCTAAAAGCGGTTTAGTTCTGATAAATTCCTCTTGAAATTTACAGAACTAAACCGTCGG	Hs.18166	15400	-1.802175	1.71844626	0.09199095							
KIAA0870	NM_014957_bp723_R	AGCTAAAAGCTGCGAAGCTGTCTTTAATATCTCTTGAATGTACAGACGCTTCGCAGCGG	Hs.18166	4791	0.7989875	0.46760187	0.015555016	-0.2009125	0.56255791	0.483778808				
KIAA0870	NM_014957_bp723_R	AGCTAAAAGCTGCGAAGCTGTCTTTAATATCTCTTGAATGTACAGACGCTTCGCAGCGG	Hs.18166	10167	0.2234875	0.21410058	0.205140855	0.0788875	0.18795251	0.624151966				
KIAA0870	NM_014957_bp723_R	AGCTAAAAGCTGCGAAGCTGTCTTTAATATCTCTTGAATGTACAGACGCTTCGCAGCGG	Hs.18166	15543	0.4676375	0.12557586	0.019467554	-0.0115375	0.51118055	0.9645165				
KIAA0870	NM_014957_bp760_R	AGCTAAAAGCATCCCATTTGGTATTTATCTCTTGAATAAATACCAAATGGAGCGGTCGG	Hs.18166	4793	0.0943375	0.09113826	0.512886504	-0.4688375	0.67594389	0.190876982				
KIAA0870	NM_014957_bp760_R	AGCTAAAAGCATCCCATTTGGTATTTATCTCTTGAATAAATACCAAATGGAGCGGTCGG	Hs.18166	10169	-0.0268625	0.10154639	0.850263184	-0.5548875	0.67468337	0.134247075				
KIAA0870	NM_014957_bp760_R	AGCTAAAAGCATCCCATTTGGTATTTATCTCTTGAATAAATACCAAATGGAGCGGTCGG	Hs.18166	15545	0.0527375	0.11774091	0.716269813	-0.3695125	0.4782655	0.181697998				
KIAA0882	XM_093895_bp1030_R	AGCTAAAAGGGCAACTCTTAGACAATGATCTCTTGAATCATTGTCTAAGAGTTGCCTCGG		3758	1.823175	0.2226224	7.74E-05				1.4472875	0.60025572	0.001885672	
KIAA0882	XM_093895_bp1030_R	AGCTAAAAGGGCAACTCTTAGACAATGATCTCTTGAATCATTGTCTAAGAGTTGCCTCGG		9134	1.80285	0.1973481	6.93E-05				0.8752875	0.49064406	0.012332349	
KIAA0882	XM_093895_bp1030_R	AGCTAAAAGGGCAACTCTTAGACAATGATCTCTTGAATCATTGTCTAAGAGTTGCCTCGG		14510	2.208	0.978863	0.002645433				1.3588875	1.21199146	0.025434477	
KIAA0882	XM_093895_bp1607_R	AGCTAAAAGGCGCCAGTTTAACCTAAATTCCTCTTGAAATTTAGGTTAAACTGGCGCTCGG		3756	0.545125	0.31668502	0.027963557				-0.2252	0.29104515	0.528268255	
KIAA0882	XM_093895_bp1607_R	AGCTAAAAGGCGCCAGTTTAACCTAAATTCCTCTTGAAATTTAGGTTAAACTGGCGCTCGG		9132	0.078225	0.3226794	0.681442719				-0.1418375	0.18805461	0.487275735	
KIAA0882	XM_093895_bp1607_R	AGCTAAAAGGCGCCAGTTTAACCTAAATTCCTCTTGAAATTTAGGTTAAACTGGCGCTCGG		14508	-0.065475	0.2152959	0.687979966				-0.1140125	0.14869172	0.565260755	
KIAA0882	XM_093895_bp2098_R	AGCTAAAAAGTGCTGCTTTATGCCAAAGATCTCTTGAATCTTTGGCATAAAGCAGCAGCGG		3760	0.329825	0.45376136	0.190475035				0.3491875	0.50195279	0.214413967	
KIAA0882	XM_093895_bp2098_R	AGCTAAAAAGTGCTGCTTTATGCCAAAGATCTCTTGAATCTTTGGCATAAAGCAGCAGCGG		9136	-0.0704	0.79658482	0.841390177				0.1177625	0.40453117	0.625757376	
KIAA0882	XM_093895_bp2098_R	AGCTAAAAAGTGCTGCTTTATGCCAAAGATCTCTTGAATCTTTGGCATAAAGCAGCAGCGG		14512	0.452075	0.61935303	0.157432615				0.1690125	0.46833363	0.513827995	
KIAA0999	NM_025164_bp1849_R	AGCTAAAAAGGGGGGCAGATTGATGAAAGATCTCTTGAATCTTTCATCAATCTGCCCCCCGG	Hs.167451	1929	0.350775	0.13763588	0.053792352	-0.19705	0.28292968	0.312211548				
KIAA0999	NM_025164_bp1849_R	AGCTAAAAAGGGGGGCAGATTGATGAAAGATCTCTTGAATCTTTCATCAATCTGCCCCCCGG	Hs.167451	7305	0.4012	0.08567602	0.029801566	-0.085125	0.36970701	0.687943696				
KIAA0999	NM_025164_bp1849_R	AGCTAAAAAGGGGGGCAGATTGATGAAAGATCTCTTGAATCTTTCATCAATCTGCCCCCCGG	Hs.167451	12681	0.303575	0.43683872	0.212757552	-0.0761	0.39330954	0.728593036				
KIAA0999	NM_025164_bp2727_R	AGCTAAAAAGCCCGCCAGACTATACAAGACATCTCTTGAATGTCTTGTATAGTCTGGCGGCCGG	Hs.167451	1931	-0.267225	0.23058588	0.14946924	-0.185975	0.68927125	0.577045551				
KIAA0999	NM_025164_bp2727_R	AGCTAAAAAGCCCGCCAGACTATACAAGACATCTCTTGAATGTCTTGTATAGTCTGGCGGCCGG	Hs.167451	7307	-0.131325	0.34515645	0.511258926	-0.144575	0.51696297	0.587055659				
KIAA0999	NM_025164_bp2727_R	AGCTAAAAAGCCCGCCAGACTATACAAGACATCTCTTGAATGTCTTGTATAGTCTGGCGGCCGG	Hs.167451	12683	-0.134575	0.17207325	0.397147874	-0.036675	0.53969742	0.894906947				
KIAA0999	NM_025164_bp2985_R	AGCTAAAAAGCGCCAGGCTTTATCATCTCTTGAATGATAAGATAAAGCCTGGCGCGGG	Hs.167451	6080				-5.1608						
KIAA0999	NM_025164_bp2985_R	AGCTAAAAAGCGCCAGGCTTTATCATCTCTTGAATGATAAGATAAAGCCTGGCGCGGG	Hs.167451	704										
KIAA0999	NM_025164_bp2985_R	AGCTAAAAAGCGCCAGGCTTTATCATCTCTTGAATGATAAGATAAAGCCTGGCGCGGG	Hs.167451	11456										
KIAA1026	AB028949_bp1414_R	AGCTAAAAAGAAGCCATACTCGCTGTTTCCCTCTCTTGAAGGAAACAGCGAGTATGGCTTCGG	Hs.368823	3675	-0.553375	5.53331671	0.071970786				0.3157375	0.74651151	0.358486719	
KIAA1026	AB028949_bp1414_R	AGCTAAAAAGAAGCCATACTCGCTGTTTCCCTCTCTTGAAGGAAACAGCGAGTATGGCTTCGG	Hs.368823	9051	-0.306566667	0.76994074	0.436750453				0.3806125	0.41142396	0.149609324	
KIAA1026	AB028949_bp1414_R	AGCTAAAAAGAAGCCATACTCGCTGTTTCCCTCTCTTGAAGGAAACAGCGAGTATGGCTTCGG	Hs.368823	14427	-0.182575	0.34972228	0.373880186				-0.2932625	0.1318145	0.165235708	
KIAA1026	AB028949_bp1459_R	AGCTAAAAAGGCGAATGCATTTCCTGTTCTTCTCTTGAAAGAACAGGAAATGCATTCGCCGG	Hs.368823	3673	-0.394875	0.34783264	0.087744985				0.3004875	0.75908809	0.385661631	
KIAA1026	AB028949_bp1459_R	AGCTAAAAAGGCGAATGCATTTCCTGTTCTTCTCTTGAAAGAACAGGAAATGCATTCGCCGG	Hs.368823	9049	-0.37515	0.49367692	0.164483446				0.9345625	0.96719305	0.050420059	
KIAA1026	AB028949_bp1459_R	AGCTAAAAAGGCGAATGCATTTCCTGTTCTTCTCTTGAAAGAACAGGAAATGCATTCGCCGG	Hs.368823	14425	-0.39265	0.89252649	0.335285313				-0.1049125	0.39058994	0.659154459	
KIAA1076	XM_037523_bp1329_R	AGCTAAAAGTCTGCTTTCTCTCCGTATCATCTCTTGAATGATACGGAGAGAAAGCAGACGG		2966	1.344925	0.16754326	0.000238028				-0.514475	1.02240906	0.246670815	
KIAA1076	XM_037523_bp1329_R	AGCTAAAAGTCTGCTTTCTCTCCGTATCATCTCTTGAATGATACGGAGAGAAAGCAGACGG		8342	0.810366667	0.47458969	0.033587628				0.16365	1.15503918	0.726463038	
KIAA1076	XM_037523_bp1329_R	AGCTAAAAGTCTGCTTTCTCTCCGTATCATCTCTTGAATGATACGGAGAGAAAGCAGACGG		13718	1.198825	0.35367729	0.001394575				-0.343825	0.80007741	0.341892909	
KIAA1076	XM_037523_bp504_R	AGCTAAAAAGAGGGACATGTGCAAGAAGTATCTCTTGAATACTTCTTGCACATGTCCCTCGG		2962	0.820675	0.63918812	0.032059174				0.18355	0.90653099	0.633266104	
KIAA1076	XM_037523_bp504_R	AGCTAAAAAGGGGACATGTGCAAGAAGTATCTCTTGAATACTTCTTGCACATGTCCCTCGG		8338	0.8262	0.57213036	0.02325407				-0.31665	0.77003789	0.366700371	
KIAA1076	XM_037523_bp504_R	AGCTAAAAAGGGGACATGTGCAAGAAGTATCTCTTGAATACTTCTTGCACATGTCCCTCGG		13714	0.9632	0.58319303	0.013845438				-0.07975	0.81155187	0.820690277	
KIAA1076	XM_037523_bp5760_R	AGCTAAAAAGGAGATTACCTATGACTATAACTCTTTGAATTATAGTCATAGGTAATCTCCGG		2964	0.875575	0.48751661	0.012174492				-0.295975	0.76536697	0.395069949	
KIAA1076	XM_037523_bp5760_R	AGCTAAAAAGGAGATTACCTATGACTATAACTCTTTGAATTATAGTCATAGGTAATCTCCGG		8340	0.4201	0.37485107	0.082740174				-0.059275	0.81413608	0.866383992	
KIAA1076	XM_037523_bp5760_R	AGCTAAAAAGGAGATTACCTATGACTATAACTCTTTGAATTATAGTCATAGGTAATCTCCGG		13716	0.374775	0.40617224	0.124630472				-0.19875	0.66526346	0.525047541	
KIAA1274	AB033100_bp1554_R	AGCTAAAAAGGAGCGATACTTCTACCTGATTCTCTTGAAATCAGGTAGAAGTATCGCTCCGG	Hs.202351	3693	-0.7649	0.13724352	0.008723788				0.4228125	0.76026353	0.236374513	
KIAA1274	AB033100_bp1554_R	AGCTAAAAAGGAGCGATACTTCTACCTGATTCTCTTGAAATCAGGTAGAAGTATCGCTCCGG	Hs.202351	9069	-0.989525	0.26884503	0.001876576				0.1768375	0.38608575	0.462187141	
KIAA1274	AB033100_bp1554_R	AGCTAAAAAGGAGCGATACTTCTACCTGATTCTCTTGAAATCAGGTAGAAGTATCGCTCCGG	Hs.202351	14445	-0.8142	0.21074954	0.012165292				0.3254625	0.31362312	0.173390627	
KIAA1274	AB033100_bp2607_R	AGCTAAAAAGCGCTATGTCTGCCTGATTCTTCTCTTGAAAGAATCAGGCAGACATAGCGCGGG	Hs.202351	3691	-0.22065	0.3458584	0.288735214				-0.0261125	0.597706	0.927792738	
KIAA1274	AB033100_bp2607_R	AGCTAAAAAGCGCTATGTCTGCCTGATTCTTCTCTTGAAAGAATCAGGCAGACATAGCGCGGG	Hs.202351	9067	-0.14675	0.42253884	0.512620872				0.0279625	0.50618113	0.915549833	
KIAA1274	AB033100_bp2607_R	AGCTAAAAAGCGCTATGTCTGCCTGATTCTTCTCTTGAAAGAATCAGGCAGACATAGCGCGGG	Hs.202351	14443	-0.004725	0.93927445	0.990694253				0.4310125	0.83061043	0.254540798	
KIAA1274	AB033100_bp269_R	AGCTAAAAAGCTGGCAGACTATGGGTACAATCTCTTGAATTGTACCCATAGTCTGCCAGCGG	Hs.202351	3689	0.42865	0.48352421	0.117857753				0.3225875	0.44412369	0.223782973	
KIAA1274	AB033100_bp269_R	AGCTAAAAAGCTGGCAGACTATGGGTACAATCTCTTGAATTGTACCCATAGTCTGCCAGCGG	Hs.202351	9065	-0.0286	0.32815599	0.880731819				0.9704625	0.3653754	0.004464426	
KIAA1274	AB033100_bp269_R	AGCTAAAAAGCTGGCAGACTATGGGTACAATCTCTTGAATTGTACCCATAGTCTGCCAGCGG	Hs.202351	14441	-0.0949	0.12004828	0.520435909				0.7652375	0.36902793	0.013333026	
KIAA1509	XM_029353_bp1425_R	AGCTAAAAAGCTCAGGCCAGTTGGAAGTTGATCTCTTGAATCAAACTCCAACTGGCTGAGCGG		3704	-0.019225	0.15002077	0.89738613				-0.2315625	0.42667919	0.36055861	
KIAA1509	XM_029353_bp1425_R	AGCTAAAAAGCTCAGGCCAGTTGGAAGTTGATCTCTTGAATCAAACTCCAACTGGCTGAGCGG		9080	0.1931	0.68396685	0.540728237				-0.4258375	0.57486523	0.165735426	
KIAA1509	XM_029353_bp1425_R	AGCTAAAAAGCTCAGGCCAGTTGGAAGTTGATCTCTTGAATCAAACTCCAACTGGCTGAGCGG		14456	0.86045	1.03785636	0

KIAA1706	AK027386_bp2079_R	AGCTAAAAAGGACAACATCTGGATCAGTAATATCTTGAATTACTGATCCAGATGTTGTCCGG	Hs.487994	3941	0.3199625	0.4304478	0.189298292					-0.160875	0.13560126	0.420659664									
KIAA1706	AK027386_bp2079_R	AGCTAAAAAGGACAACATCTGGATCAGTAATATCTTGAATTACTGATCCAGATGTTGTCCGG	Hs.487994	9317	0.0974625	0.23413235	0.563937011					-0.1262	0.16753024	0.529874595									
KIAA1706	AK027386_bp2079_R	AGCTAAAAAGGACAACATCTGGATCAGTAATATCTTGAATTACTGATCCAGATGTTGTCCGG	Hs.487994	14693	0.0243625	0.25291809	0.886419935					-0.110925	0.13296329	0.57263783									
KIAA1706	AK027386_bp2214_R	AGCTAAAAAGCTAGCCGAGTTCTACACTGATCTCTTGAATCAGTGTAGAACTCGGCTAGCGG	Hs.487994	3945	-0.0882	0.1710886	0.651223074					-0.37485	0.64646281	0.242594473									
KIAA1706	AK027386_bp2214_R	AGCTAAAAAGCTAGCCGAGTTCTACACTGATCTCTTGAATCAGTGTAGAACTCGGCTAGCGG	Hs.487994	9321	-0.13	0.157472	0.507309004					-0.355375	0.5896585	0.242168952									
KIAA1706	AK027386_bp2214_R	AGCTAAAAAGCTAGCCGAGTTCTACACTGATCTCTTGAATCAGTGTAGAACTCGGCTAGCGG	Hs.487994	14697	-0.102466667	0.1407488	0.592508769					-0.321975	0.5919889	0.285418782									
KIAA1706	AK027386_bp1507_R	AGCTAAAAAGTGCAAGAACTGCTTGACAGATCTCTTGAATCTGTCAAGCAGTTCTTGCACGG	Hs.487994	14695	0.2281625	0.167552	0.175356895					0.564175	0.18367835	0.025219646									
KIAA1718	AK_379934_bp1138_R	AGCTAAAAGCCGATGAAATAATATAAAGTCTCTTGAACTTTATAATTATTTCATCGGCGG	Hs.308710	4781	0.1154625	0.34952962	0.56401878	-0.6855625	0.66006839	0.076153775													
KIAA1718	AK_379934_bp1138_R	AGCTAAAAGCCGATGAAATAATATAAAGTCTCTTGAACTTTATAATTATTTCATCGGCGG	Hs.308710	10157	0.0275375	0.41093582	0.898306262	-0.7887375	0.61055161	0.042297093													
KIAA1718	AK_379934_bp1138_R	AGCTAAAAGCCGATGAAATAATATAAAGTCTCTTGAACTTTATAATTATTTCATCGGCGG	Hs.308710	15533	0.0515625	0.39274223	0.836294825	-0.8314625	0.3969173	0.012621087													
KIAA1718	AK_379934_bp2510_R	AGCTAAAAAGGCAGCCCTTTGCAGATCAAATCTCTTGAATTTGATCTGCAAAGGGCTGCCGG	Hs.308710	4779	-0.4896875	0.08577883	0.014396724	-0.3108125	0.76916609	0.931596116													
KIAA1718	AK_379934_bp2510_R	AGCTAAAAAGGCAGCCCTTTGCAGATCAAATCTCTTGAATTTGATCTGCAAAGGGCTGCCGG	Hs.308710	10155	-0.4844875	0.0766734	0.014643377	-0.1102625	0.66858517	0.731535377													
KIAA1718	AK_379934_bp2510_R	AGCTAAAAAGGCAGCCCTTTGCAGATCAAATCTCTTGAATTTGATCTGCAAAGGGCTGCCGG	Hs.308710	15531	-0.3144125	0.13058885	0.072759355	-0.1317375	0.7364285	0.70566358													
KIAA1718	AK_379934_bp3077_R	AGCTAAAAAGGCAGTTGTATCGCTATGATATCTCTTGAATATCATAGCGATAACAACTGCCGG	Hs.308710	4777	1.3111			-1.43985	1.50592531	0.156309254													
KIAA1718	AK_379934_bp3077_R	AGCTAAAAAGGCAGTTGTATCGCTATGATATCTCTTGAATATCATAGCGATAACAACTGCCGG	Hs.308710	15529	1.2368			-0.31985	1.77128873	0.709600259													
KIAA1718	AK_379934_bp3077_R	AGCTAAAGCAGGCAACTGCCGGCGTCATGATATCTCTTGAATATCATAGCGATAACAACTGCCGG	Hs.308710	10153				-1.17665	0.96428152	0.115687157													
KIAA1804	NM_032435_bp1047_R	AGCTAAAAAGGACCTCAAGTCCAGCAACATTCTCTTGAAATGTTGCTGGACTTGAGGTCCGG	Hs.546455	2019	0.112625	0.49292889	0.645505405	-0.356725	0.16910621	0.064427365													
KIAA1804	NM_032435_bp1047_R	AGCTAAAAAGGACCTCAAGTCCAGCAACATTCTCTTGAAATGTTGCTGGACTTGAGGTCCGG	Hs.546455	7395	0.13705	0.49544935	0.578960856	-0.3892	0.16505662	0.049221393													
KIAA1804	NM_032435_bp1047_R	AGCTAAAAAGGACCTCAAGTCCAGCAACATTCTCTTGAAATGTTGCTGGACTTGAGGTCCGG	Hs.546455	12771	0.2687	0.91138144	0.50676344	-0.28825	0.13153814	0.10020296													
KIAA1804	NM_032435_bp2154_R	AGCTAAAAAGCCCCTTGGCTTCATTGTTTGTTCTCTTGAAACAAACAATGAAGCCAAGGGCGG	Hs.546455	755	0.8573			-0.19585	0.09920708	0.499114483													
KIAA1804	NM_032435_bp2154_R	AGCTAAAAAGCCCCTTGGCTTCATTGTTTGTTCTCTTGAAACAAACAATGAAGCCAAGGGCGG	Hs.546455	6131	-0.341575	0.50878311	0.206356212	-0.092375	0.52106487	0.727311345													
KIAA1804	NM_032435_bp2154_R	AGCTAAAAAGCCCCTTGGCTTCATTGTTTGTTCTCTTGAAACAAACAATGAAGCCAAGGGCGG	Hs.546455	11507	0.5034	1.28964934	0.372345995	-0.312725	0.43788591	0.221540554													
KIAA1804	NM_032435_bp2936_R	AGCTAAAAAGGACCATGTCTGATGGAAATCTCTCTTGAAAGATTTCCATCAGCATGGTCCGG	Hs.546455	756	0.633975	0.2824221	0.013279794	0.15655	0.32077276	0.437516386													
KIAA1804	NM_032435_bp2936_R	AGCTAAAAAGGACCATGTCTGATGGAAATCTCTCTTGAAAGATTTCCATCAGCATGGTCCGG	Hs.546455	6132	0.75435	0.26792393	0.006052413	0.36575	0.34380033	0.11963881													
KIAA1804	NM_032435_bp2936_R	AGCTAAAAAGGACCATGTCTGATGGAAATCTCTCTTGAAAGATTTCCATCAGCATGGTCCGG	Hs.546455	11508	0.775725	0.39685173	0.011743214	0.529825	0.33354467	0.041640819													
KIAA1909	AB067496_bp1174_R	AGCTAAAAAGGGAGTACATTCGGTGCTTAGTCTCTTGAACTAAGCACCGGAATGTACTCCCGG	Hs.535800	3783	-0.7092	0.46736499	0.02412218					0.0102625	0.70674574	0.97436418									
KIAA1909	AB067496_bp1174_R	AGCTAAAAAGGGAGTACATTCGGTGCTTAGTCTCTTGAACTAAGCACCGGAATGTACTCCCGG	Hs.535800	9159	-0.68195	0.24485568	0.007998867					0.3994375	0.23337926	0.089412326									
KIAA1909	AB067496_bp1174_R	AGCTAAAAAGGGAGTACATTCGGTGCTTAGTCTCTTGAACTAAGCACCGGAATGTACTCCCGG	Hs.535800	14535	-0.6743	0.24864692	0.008560309					0.0157875	0.22275262	0.938506617									
KIAA1909	AB067496_bp212_R	AGCTAAAAAGGAGAATGGTCCAGGATTTCTCTCTTGAAGAAATCCTGGACCATTTCCTCGG	Hs.535800	3781	1.976075	0.38449862	0.000166126					1.1708625	0.35764751	0.001692745									
KIAA1909	AB067496_bp212_R	AGCTAAAAAGGAGAATGGTCCAGGATTTCTCTCTTGAAGAAATCCTGGACCATTTCCTCGG	Hs.535800	9157	2.292725	0.18158714	1.93E-05					1.4649125	0.95330916	0.008169979									
KIAA1909	AB067496_bp212_R	AGCTAAAAAGGAGAATGGTCCAGGATTTCTCTCTTGAAGAAATCCTGGACCATTTCCTCGG	Hs.535800	14533	1.325325	0.14790964	0.000229144					1.0483125	0.62096142	0.00973312									
KIAA1909	AB067496_bp437_R	AGCTAAAAAGTGGCAGTGCTGAAGCCTCATTCTCTTGAAATGAGGCTTCAGCACTGCCACGG	Hs.535800	9161	0.953433333	0.30967654	0.010266182					0.1202	0.18653477	0.723977974									
KIAA1909	AB067496_bp437_R	AGCTAAAAAGTGGCAGTGCTGAAGCCTCATTCTCTTGAAATGAGGCTTCAGCACTGCCACGG	Hs.535800	14537	1.369475	0.21161468	0.000285769					0.3360125	0.22718311	0.138250603									
KIAA1909	AB067496_bp437_R	AGCTAAAAAGTGGCAGTGCTGAAGCCTCATTCTCTTGAAATGAGGCTTCAGCACTGCCACGG	Hs.535800	3785	0.626425	0.56423586	0.152766946					0.0741											
KIAA1909	XM_291137_bp1622_R	AGCTAAAAAGCGGCTGTACTTCCATAGCATTCTCTTGAAATGCTATGGAAGGACAGCAGCGG		4917	-0.6088375	0.16185358	0.008131195	-0.4728625	0.44853932	0.094758957							-0.07945	0.58730367	0.804276949	0.4525	0.45879806	0.143091677	
KIAA1909	XM_291137_bp1622_R	AGCTAAAAAGCTGCTGTACTTCCATAGCATTCTCTTGAAATGCTATGGAAGGACAGCAGCGG		10293	-0.7210375	0.15343576	0.003840779	-0.5489625	0.51424849	0.082421066							-0.089175	0.52105031	0.754710418	0.4917	0.54802342	0.170626158	
KIAA1909	XM_291137_bp1622_R	AGCTAAAAAGCTGCTGTACTTCCATAGCATTCTCTTGAAATGCTATGGAAGGACAGCAGCGG		15669	-0.5123625	0.08433034	0.012032008	0.8851875	2.31156263	0.399923719							-0.121075	0.50897956	0.666745847	0.52835	0.51073461	0.130369323	
KIAA1909	XM_291137_bp1949_R	AGCTAAAAAGCTGGAACACTTCGCTGCAAATCTCTTGAATTTGCAGCGAAGTGTTCCAGCGG		4915	-0.3759375	0.29258889	0.080143917	-0.2203	0.30785011	0.372855554							-0.1763	0.21651896	0.201532344	0.0809	0.20375614	0.485159533	
KIAA1909	XM_291137_bp1949_R	AGCTAAAAAGCTGGAACACTTCGCTGCAAATCTCTTGAATTTGCAGCGAAGTGTTCCAGCGG		10291	-0.3774125	0.35705519	0.102409156	-0.4520125	0.64081539	0.188407166							-0.241475	0.16187152	0.058431434	0.1832	0.25206018	0.242016225	
KIAA1909	XM_291137_bp1949_R	AGCTAAAAAGCTGGAACACTTCGCTGCAAATCTCTTGAATTTGCAGCGAAGTGTTCCAGCGG		15667	-0.3267875	0.28633058	0.112820409	-0.5130375	0.4974421	0.092359186							-0.2279	0.25356807	0.170097665	0.19335	0.19357599	0.139641643	
KIAA1909	XM_291137_bp832_R	AGCTAAAAGCACCCTTCCTTATCCAGAAATCTCTTGAATTTCTGGATAAGGAAGGTGCCGG		4913	-0.3138625	0.27374252	0.118993222	0.0828875	0.5206919	0.753900958							0.1742	0.15896807	0.116076561	0.27475	0.52817098	0.370564168	
KIAA1909	XM_291137_bp832_R	AGCTAAAAGCACCCTTCCTTATCCAGAAATCTCTTGAATTTCTGGATAAGGAAGGTGCCGG		10289	-0.4705875	0.48924605	0.095038494	0.0137875	0.39641609	0.949756534							0.1722	0.12732533	0.073481775	0.27925	0.53232391	0.371127972	
KIAA1909	XM_291137_bp832_R	AGCTAAAAGCACCCTTCCTTATCCAGAAATCTCTTGAATTTCTGGATAAGGAAGGTGCCGG		15665	-0.195183333	0.40873626	0.454113111	0.0898125	0.38705532	0.680152029							0.17315	0.14734788	0.100285716	0.2704	0.51556133	0.371251281	
KIAA1912	AB067499_bp1001_R	AGCTAAAAGGCTCTGTGTGCTACTGATTTCTCTTGAAATCTAGTAGCACACAGAGCTCGGG	Hs.117136	3789	0.635575	0.09754234	0.005209719					-0.6824625	0.52927637	0.038136433									
KIAA1912	AB067499_bp1001_R	AGCTAAAAGGCTCTGTGTGCTACTGATTTCTCTTGAAATCTAGTAGCACACAGAGCTCGGG	Hs.117136	9165	0.82945	0.31814577	0.005552911					-0.82958333	0.45667122	0.031211121									
KIAA1912	AB067499_bp1001_R	AGCTAAAAGGCTCTGTGTGCTACTGATTTCTCTTGAAATCTAGTAGCACACAGAGCTCGGG	Hs.117136	14541	0.4072	0.64982591	0.208998177					-0.5474875	0.55253013	0.083373976									
KIAA1912	AB067499_bp2009_R	AGCTAAAAGAGCTAGCTTCAGTGGACATTCTCTTGAAATGTCCACTGAAGCTAGCTCGCGG	Hs.117136	3787	-0.382675	0.44937598	0.137354202					-0.1430875	0.37461608	0.544535872									
KIAA1912	AB067499_bp2009_R	AGCTAAAAGAGCTAGCTTCAGTGGACATTCTCTTGAAATGTCCACTGAAGCTAGCTCGCGG	Hs.117136	9163	-0.1059	0.3059341	0.571993745					0.5773875	0.67371431	0.099389757									
KIAA1912	AB067499_bp2009_R	AGCTAAAAGAGCTAGCTTCAGTGGACATTCTCTTGAAATGTCCACTGAAGCTAGCTCGCGG	Hs.117136	14539	0.116425	0.36609068	0.570156268					0.0229875	0.15914762	0.96092526									
KIAA1912	AB067499_bp2125_R	AGCTAAAAAGCAACATTTGTCAGGAAACCATTCTCTTGAATAGGTTTCCTCGAAATGTTGCGG	Hs.117136	3791	-0.4421	0.17633503	0.029166603					-0.06611667	0.3870946	0.814254122									
KIAA1912	AB067499_bp2125_R	AGCTAAAAAGCAACATTTGTCAGGAAACCATTCTCTTGAATAGGTTTCCTCGAAATGTTGCGG	Hs.117136	9167	-0.47025	0.13676192	0.019887819					-0.1592625	0.24463422	0.454850309									
KIAA1912	AB067499_bp2125_R	AGCTAAAAAGCAACATTTGTCAGGAAACCATTCTCTTGAATAGGTTTCCTCGAAATGTTGCGG	Hs.117136	14543	-0.43942 5	0.18662988	0.031140064					-0.2396125	0.27929056	0.286391143									
KIAA1920	XM_375248_bp4938_R	AGCTAAAAAGAGGCTGAACTGCGTAAATCCTCTCTTGAAGGATTTACGCAGTTCAGCCTCGG	Hs.513096	4951	0.3479375	0.26085825	0.087174374	-0.3134875	0.10392002	0.074955416						0.229825	0.05800899	0.004190999	0.26025	0.21614706	0.095180702	
KIAA1920	XM_375248_bp4938_R	AGCTAAAAAGAGGCTGAACTGCGTAAATCCTCTCTTGAAGGATTTACGCAGTTCAGCCTCGG	Hs.513096	10327	0.1687125	0.15095936	0.28763561	0.0043125	0.27233836	0.980888395						0.200325	0.11246532	0.03775475	0.32245	0.2253856	0.064507219	
KIAA1920	XM_375248_bp4938_R	AGCTAAAAAGAGGCTGAACTGCGTAAATCCTCTCTTGAAGGATTTACGCAGTTCAGCCTCGG	Hs.513096	15703	0.7801125	0.02700143	0.001808933	0.0289375	0.24437676	0.866909775						0.41845	0.30100974	0.068972951	0.4223	0.46066112	0.024429056	
KIAA1920	XM_375248_bp6167_R	AGCTAAAAAGGAGGACACCCTTCTGTTTCCATCTCTTGAATGGAAACAGAAGGTGTCCTCCGG	Hs.513096	4949	0.3707875	0.69213047	0.267319533	-0.4504875	0.99606652	0.342298752						0.593725	0.90834109	0.28228868	0.27135	0.51058995	0.365806902	
KIAA1920	XM_375248_bp6167_R	AGCTAAAAAGGAGGACACCCTTCTGTTTCCATCTCTTGAATGGAAACAGAAGGTGTCCTCCGG	Hs.513096	10325	0.0756625	0.28991189	0.67639957	-0.5648625	0.96075352	0.235752995						0.654425	0.89390305	0.23935589	0.238375	0.4627181	0.378652101	
KIAA1920	XM_375248_bp6167_R	AGCTAAAAAGGAGGACACCCTTCTGTTTCCATCTCTTGAATGGAAACAGAAGGTGTCCTCCGG	Hs.513096	15701	0.1630875	0.22375491	0.342440386	-0.5592875	1.1385753	0.30255793						0.72695	0.90950482	0.208212733	0.36415	0.46331046	0.215505421	
KIAA1920	XM_375248_bp6471_R	AGCTAAAAAGACTCTGAGATCACTAGAAGATCTCTTGAATCTTCTAGTGATCTCAGAGTCGG	Hs.513096	4953	-0.5780625	0.36783988	0.029740518	-0.9840375	0.52043263	0.013277517						0.9394	0.35100833	0.012756592	1.07425	0.24046579	0.020957865	
KIAA1920	XM_375248_bp6471_R	AGCTAAAAAGACTCTGAGATCACTAGAAGATCTCTTGAATCTTCTAGTGATCTCAGAGTCGG	Hs.513096	10329	-0.7264125	0.37668412	0.01350026	-0.9880375	0.7031208	0.206695155						0.985275	0.35962619	0.011953471	1.04455	0.3569455	0.009943517	
KIAA1920	XM_375248_bp6471_R	AGCTAAAAAGACTCTGAGATCACTAGAAGATCTCTTGAATCTTCTAGTGATCTCAGAGTCGG	Hs.513096	15705	-0.4191875	0.54066829	0.148696965	-0.8232125	0.73454027	0.058490175						0.933375	0.43228625	0.02287974	1.119	0.29236159	0.004630134	
KIAA1967	NM_021174_bp2964_R	AGCTAAAAGCCACCTGAAGTAACCAATAAGTCTCTTGAACTTATTGGTTACTTCAGTGGCGG	Hs.433722	3180	0.568025	0.6848498	0.111680453					-0.093775	0.64208881	0.756025596		1.31545	1.01011895	0.080060939	-0.36025	0.68021131	0.367228792	
KIAA1967	NM_021174_bp2964_R	AGCTAAAAGCCACCTGAAGTAACCAATAAGTCTCTTGAACTTATTGGTTACTTCAGTGGCGG	Hs.433722	8556	0.470225	0.71596521	0.184236837					-0.3083	0.75816836	0.373819965		1.22725	0.83650905	0.060793178	-0.19005	0.87444368	0.693203221	
KIAA1967	NM_021174_bp2964_R	AGCTAAAAGCCACCTGAAGTAACCAATAAGTCTCTTGAACTTATTGGTTACTTCAGTGGCGG	Hs.433722	13932	0.118	0.85382454	0.752756503					-0.120725	0.55564279	0.66505959		1.27255	0.90652527	0.067430389	-0.28932 5	0.80798929	0.525605972	
KIAA1967	NM_021174_bp586_R	AGCTAAAAAGGGTCTTCACTGGTATTGTTATCTCTTGAATAACAATACCAGTGAAGACCCGG	Hs.433722	3176	1.001275	0.6207479	0.014327698					0.839575	0.95081825	0.068100305		0.892225	0.37217324	0.017260161	0.861425	0.40892377	0.024429216	
KIAA1967	NM_021174_bp586_R	AGCTAAAAAGGGTCTTCACTGGTATTGTTATCTCTTGAATTCTTGAATTACAATACCAGTGAAGACCCGG	Hs.433722	8552	0.7838	0.54957935	0.02524925					0.8331	1.01017465	0.080346378		1.05985	0.2325	0.002788953	0.843275	0.36632551	0.010267567	
KIAA1967	NM_021174_bp586_R	AGCTAAAAAGGGTCTTCACTGGTATTGTTATCTCTTGAATTCTTGAATTACAATACCAGTGAAGACCCGG	Hs.433722	13928	0.6498	0.26512921	0.010919843					0.85695	0.29530031	0.005999629		0.917475	0.34125564	0.012596279	0.861675	0.39310483	0.021977013	
KIAA1967	NM_021174_bp795_R	AGCTAAAAAGCACCCTCCTCTTCTGCATGTATCTCTTGAATCATGCAGAAGAGGAGGTGCGG	Hs.433722	3178	-1.052275	0.58917384	0.010087763					-0.299425	0.7064448	0.365753459		0.29	0.32963213	0.17671808	0.260075	0.15819607	0.046147015	
KIAA1967	NM_021174_bp795_R	AGCTAAAAAGCACCCTCCTCTTCTGCATGTATCTCTTGAATCATGCAGAAGAGGAGGTGCGG	Hs.433722	8554	-0.958025	0.41305751	0.005480148					-0.34495	0.817139	0.347149524		0.34945	0.4532063	0.220712638	0.31075	0.19632243	0.050647699	
KIAA1967	NM_021174_bp795_R	AGCTAAAAAGCACCCTCCTCTTCTGCATGTATCTCTTGAATCATGCAGAAGAGGAGGTGCGG	Hs.433722	13930	-1.081725	0.23183186	0.000983745					-0.307925	0.83748935	0.405638928		0.306	0.39603174	0.219980358	0.288025	0.11128607	0.013993784	
KIAA2002	XM_370878_bp1333_R	AGCTAAAAAGGGCAAGCAGTAACCATAAACTCTCTTGAAGTTTATGGTTACTGCTTGCCCGG	Hs.9587	11626	0.5736			0.4199															
KIAA2002	XM_370878_bp1333_R	AGCTAAAAAGGGCAAGCAGTAACCATAAACTCTCTTGAAGTTTATGGTTACTGCTTGCCCGG	Hs.9587	6250	0.6119	0.29967185	0.104122323																
KIAA2002	XM_370878_bp1333_R	AGCTAAAAAGGGCAAGCAGTAACCATAAACTCTCTTGAAGTTTATGGTTACTGCTTGCCCGG	Hs.9587	874	0.4847																		
KIAA2002	XM_370878_bp2447_R	AGCTAAAAAGGGCCCAAATCTCTCTTTACATTCTCTTGAAATCCTTGAAATGTAAAGAGATTTGGGCCGG	Hs.9587	875	-0.62875	0.18965714	0.008516631	-0.5382	0.28600981	0.031187432													
KIAA2002	XM_370878_bp2447_R	AGCTAAAAAGGGCCCAAATCTCTCTTTACATTCTCTTGAATCCTTGAAATGTAAAGAGATTTGGGCCGG	Hs.9587	6251	-0.540075	0.2118632	0.016690923	-0.38775	0.22322643	0.063177501													
KIAA2002	XM_370878_bp2447_R	AGCTAAAAAGGGCCCAAATCTCTCTTTACATTCTCTTGAATCCTTGAAATGTAAAGAGATTTGGGCCGG	Hs.9587	11627	-0.689775	0.3220602	0.012072219	-0.334175	0.22656136	0.095436546													
KIAA2002	XM_370878_bp847_R	AGCTAAAAAGTTCGATTCTTTGTGGACAAATCTCTTGAATTTGTCCACAAAGAATCGAACGG	Hs.9587	876	-0.25665	0.29226548	0.195139195	-0.4333	0.69055311	0.227329848													
KIAA2002	XM_370878_bp847_R	AGCTAAAAAGTTCGATTCTTTGTGGACAAATCTCTTGAATTTGTCCACAAAGAATCGAACGG	Hs.9587	6252	-0.09965	0.17820463	0.52660477	-0.242225	0.69656164	0.476794867													
KIAA2002	XM_370878_bp847_R	AGCTAAAAAGTTCGATTCTTTGTGGACAAATCTCTTGAATTTGTCCACAAAGAATCGAACGG	Hs.9587	11628	-0.05425	0.24373257	0.748335215	-0.1671	0.75636008	0.641048232													
KISS1	NM_002256_bp107_R	AGCTAAAAGCAAGCCTCAAGGCACTTCTATCTCTTGAAGGAATGGCCTTGAGGCTTGCGG	Hs.95008	1141	0.5877							-0.40823333	1.29430767	0.466963318									
KISS1	NM_002256_bp107_R	AGCTAAAAGCAAGCCTCAAGGCACTTCTATCTCTTGAATGAGAAGTGCCTTGAGGCTTGCGG	Hs.95008	6517	0.2061125	0.42236527	0.453737396					-0.3543	1.3022178	0.527222861									
KISS1	NM_002256_bp107_R	AGCTAAAAGCAAGCCTCAAGGCACTTCTATCTCTTGAATGAGAAGTGCCTTGAGGCTTGCGG	Hs.95008	11893	0.1395	0.60330351	0.78056342					-0.74405	1.35619632	0.192957521									
KISS1	NM_002256_bp134_R	AGCTAAAAGCCTCTTCTCACCAAGATGAATCTCTTGAATTCATCTTGGTGAGAAGAGGCGGG	Hs.95008	1128	-0.1824625	0.05899081	0.153884637					-0.6374 5	0.32596481	0.025192189									
KISS1	NM_002256_bp134_R	AGCTAAAAGCCTCTTCTCACCAAGATGAATCTCTTGAATTCATCTTGGTGAGAAGAGGCGGG	Hs.95008	6504	-0.1918375	0.13180569	0.158896484					-0.638575	0.3001953	0.022842577									
KISS1	NM_002256_bp134_R	AGCTAAAAGCCTCTTCTCACCAAGATGAATCTCTTGAATTCATCTTGGTGAGAAGAGGCGGG	Hs.95008	11880	-0.1354875	0.17773276	0.288727387					-0.55175	0.27039305	0.03601123									
KISS1	NM_002256_bp595_R	AGCTAAAAAACCCCAAAGGAGTCAGAGCATTCTCTTGAAATGCCTCTGACTCCTTTGGGGTGG	Hs.95008	2112	-0.0067375	0.78420595	0.897963897					-0.24195	0.51334554	0.388654266									
KISS1	NM_002256_bp595_R	AGCTAAAAAACCCCAAAGGAGTCAGAGCATTCTCTTGAAATGCCTCTGACTCCTTTGGGGTGG	Hs.95008	7488	0.0012625	0.77867481	0.915742095					-0.322075	0.52870354	0.266766413									
KISS1	NM_002256_bp595_R	AGCTAAAAAACCCCAAAGGAGTCAGAGCATTCTCTTGAAATGCCTCTGACTCCTTTGGGGTGG	Hs.95008	12864	0.0131875	0.77672667	0.943158928					-0.32795	0.52349961	0.256861182									
KIT	NM_000222_bp172_R	AGCTAAAAGGCGACGAGATTAGGCTGTTATCTCTTGAATAACAGCCTAATCTCGTCGCCGG	Hs.479754	103	0.41485	0.91959237	0.417350306	-0.6230625	0.32413554	0.023397053													
KIT	NM_000222_bp172_R	AGCTAAAAGGCGACGAGATTAGGCTGTTATCTCTTGAATAACAGCCTAATCTCGTCGCCGG	Hs.479754	5479	0.487	0.9091979	0.347784837	-0.5708375	0.32000749	0.030665519													
KIT	NM_000222_bp172_R	AGCTAAAAGGCGACGAGATTAGGCTGTTATCTCTTGAATAACAGCCTAATCTCGTCGCCGG	Hs.479754	10855	0.52085	0.92001663	0.323812201	-0.5699375	0.32421941	0.027096575													
KIT	NM_000222_bp439_R	AGCTAAAAGACCCAGAAGTGACCAATTATTCTCTTGAAATAATTGGTCACTTCTGGGTCGG	Hs.479754	105	-0.1951	0.27591307	0.509136299	-0.448966667	0.67510172	0.266103757													
KIT	NM_000222_bp439_R	AGCTAAAAGACCCAGAAGTGACCAATTATTCTCTTGAAATAATTGGTCACTTCTGGGTCGG	Hs.479754	5481	-0.19685	0.08138799	0.468850128	-0.4887	0.6976785	0.242830421													
KIT	NM_000222_bp439_R	AGCTAAAAGACCCAGAAGTGACCAATTATTCTCTTGAAATAATTGGTCACTTCTGGGTCGG	Hs.479754	10857	-0.16635	0.15506852	0.54433579	-0.437533333	0.82395094	0.3408421													
KLF12	NM_007249_bp1036_R	AGCTAAAAAGGCAATGAATGAATAATCAATCTCTTGAATTGATTATTCATTCGATTGCCGG	Hs.373857	4934	-0.4783625	0.13167775	0.018308386	0.3248625	0.51192768	0.249276129													
KLF12	NM_007249_bp1036_R	AGCTAAAAGGCAATGAATGAATAATCAATCTCTTGAATTGATTATTCATTCGATTGCCGG	Hs.373857	10310	-0.4194375	0.09509118	0.026152429	0.2046625	0.56830176	0.479337817													
KLF12	NM_007249_bp1036_R	AGCTAAAAGGCAATGAATGAATAATCAATCTCTTGAATTGATTATTCATTCGATTGCCGG	Hs.373857	15686	-0.3162125	0.13896513	0.073757739	0.3360875	0.74198156	0.359172925													
KLF12	NM_007249_bp355_R	AGCTAAAGCGTCCCCTGTTGCTAAATTTCTCTTGAAATTTAGCAACAGGGGAACGGCCGG	Hs.373857	4932	-0.1698625	0.29756044	0.371384988	0.2500625	0.4630256	0.329682071													
KLF12	NM_007249_bp355_R	AGCTAAAGCGTCCCCTGTTGCTAAATTTCTCTTGAATTTAGCAACAGGGGAACGGCCGG	Hs.373857	10308	-0.2463875	0.32159412	0.227865624	0.2013375	0.42303386	0.398382675													
KLF12	NM_007249_bp355_R	AGCTA

KPNA2	NM_002266_bp901_R	AGCTAAAAGTTCGGCTCCTGCATCATGATTCTCTTGAAATCATGATGCAGGAGCCGAACGG	Hs.546544	3144	0.771025	0.34989943	0.009117372							1.307125	0.60782667	0.003260881	1.00595	0.26674938	0.00483213	0.918	0.55664235	0.045790155
KPNA2	NM_002266_bp901_R	AGCTAAAAGTTCGGCTCCTGCATCATGATTCTCTTGAAATCATGATGCAGGAGCCGAACGG	Hs.546544	8520	0.458325	0.60797188	0.148124689							1.490175	0.72607097	0.002956584	0.972466667	0.25449567	0.022076014	0.9134	0.59731461	0.055064313
KPNA2	NM_002266_bp901_R	AGCTAAAAGTTCGGCTCCTGCATCATGATTCTCTTGAAATCATGATGCAGGAGCCGAACGG	Hs.546544	13896	0.649475	0.73526055	0.091959963							1.9435	1.04342433	0.002996292	0.980366667	0.31207333	0.032156213	0.919375	0.5685487	0.048065382
KPNA2	NM_002266_bp947_R	AGCTAAAAGCTGGGCTATTTCCTACCTTATCTCTTGAATAAGGTAGGAAATAGCCCAGCGG	Hs.546544	3142	-0.98565	0.37959005	0.00393711							-0.474975	0.58398102	0.131658282	-0.07595	0.58116598	0.810723047	0.158	0.17639027	0.171134362
KPNA2	NM_002266_bp947_R	AGCTAAAAGCTGGGCTATTTCCTACCTTATCTCTTGAATAAGGTAGGAAATAGCCCAGCGG	Hs.546544	8518	-0.752925	0.27369499	0.006318474							-0.4861	0.48176263	0.09597911	-0.06975	0.54101685	0.823041698	0.131925	0.16198244	0.201825619
KPNA2	NM_002266_bp947_R	AGCTAAAAGCTGGGCTATTTCCTACCTTATCTCTTGAATAAGGTAGGAAATAGCCCAGCGG	Hs.546544	13894	-0.8824	0.22705199	0.002396366							-0.2389	0.87772806	0.5277392	-0.073375	0.61155388	0.82582121	0.04915	0.23240098	0.700802248
KPNA3	NM_002267_bp1207_R	AGCTAAAAGGCTCTGTCATACTTGACAGATCTCTTGAATCTGTCAAGTATGACAGAGCCGG	Hs.527919	2753	0.83485	0.29604166	0.004340075							-1.0720125	0.33989529	0.00300024						
KPNA3	NM_002267_bp1207_R	AGCTAAAAGGCTCTGTCATACTTGACAGATCTCTTGAATCTGTCAAGTATGACAGAGCCGG	Hs.527919	8129	0.8718	0.34506688	0.004998021							-1.0211125	0.31200229	0.003463975						
KPNA3	NM_002267_bp1207_R	AGCTAAAAGGCTCTGTCATACTTGACAGATCTCTTGAATCTGTCAAGTATGACAGAGCCGG	Hs.527919	13505	0.829925	0.25675384	0.003482685							-0.8355125	0.51377374	0.019842577						
KPNA3	NM_002267_bp1514_R	AGCTAAAAAGCTGGATTAATTCCTATGATATCTCTTGAATATCATAGGAATTAATCCAGCGG	Hs.527919	2751	-1.016525	0.14047084	0.001176392							-0.7131875	0.34905912	0.021500005						
KPNA3	NM_002267_bp1514_R	AGCTAAAAAGCTGGATTAATTCCTATGATATCTCTTGAATATCATAGGAATTAATCCAGCGG	Hs.527919	8127	-1.018875	0.18956008	0.001578726							-0.6966875	0.31361123	0.020831576						
KPNA3	NM_002267_bp1514_R	AGCTAAAAAGCTGGATTAATTCCTATGATATCTCTTGAATATCATAGGAATTAATCCAGCGG	Hs.527919	13503	-1.0307	0.16277417	0.001260442							-0.7295625	0.30476634	0.016629856						
KPNA3	NM_002267_bp1751_R	AGCTAAAAGCAAGCACAATAGCTGAAATATCTCTTGAATATTCAGCTATTGTGCTTGCGG	Hs.527919	2749	0.175975	0.49095796	0.368853504							0.5828625	0.65819645	0.07450415						
KPNA3	NM_002267_bp1751_R	AGCTAAAAGCAAGCACAATAGCTGAAATATCTCTTGAATATTTCAGCTATTGTGCTTGCGG	Hs.527919	8125	0.262816667	0.67105601	0.403769028							0.7330625	0.84777482	0.065268305						
KPNA3	NM_002267_bp1751_R	AGCTAAAAGCAAGCACAATAGCTGAAATATCTCTTGAATATTTCAGCTATTGTGCTTGCGG	Hs.527919	13501	0.140675	0.60263951	0.49997534							0.6898875	0.69596355	0.050613856						
KPNA6	NM_012316_bp1453_R	AGCTAAAAGGCTCAGGGGTCAATCCTTATTCTCTTGAATAAGGATTGACCCCTGAGCCGG	Hs.591500	2759	0.3829	0.35127193	0.075125298							0.2336625	1.03013167	0.517029474						
KPNA6	NM_012316_bp1453_R	AGCTAAAAGGCTCAGGGGTCAATCCTTATTCTCTTGAATAAGGATTGACCCCTGAGCCGG	Hs.591500	8135	0.2745	0.28792872	0.118697009							0.3197125	1.24723178	0.470530332						
KPNA6	NM_012316_bp1453_R	AGCTAAAAGGCTCAGGGGTCAATCCTTATTCTCTTGAATAAGGATTGACCCCTGAGCCGG	Hs.591500	13511	0.2537	0.20937219	0.108113566							0.1206125	0.94232289	0.677798305						
KPNA6	NM_012316_bp597_R	AGCTAAAAGCTGCTTAATTCAGACTTTGATCTCTTGAATCAAAGTCGAATTAAGCAGCGG	Hs.591500	2757	-0.51065	0.24188163	0.032727887							-0.0449375	0.31507439	0.992306685						
KPNA6	NM_012316_bp597_R	AGCTAAAAGCTGCTTAATTCAGACTTTGATCTCTTGAATCAAAGTCTGAATTAAGCAGCGG	Hs.591500	8133	-0.512875	0.24315806	0.033004158							0.0249125	0.32669363	0.760994871						
KPNA6	NM_012316_bp597_R	AGCTAAAAGCTGCTTAATTCAGACTTTGATCTCTTGAATCAAAGTCTGAATTAAGCAGCGG	Hs.591500	13509	-0.47815	0.19199378	0.033639827							-0.0041875	0.25237153	0.853680407						
KPNA6	NM_012316_bp897_R	AGCTAAAAGGCCCTTTCTATCTGTCTGATCTCTTGAATCAGACAGATAAGAAAGGGCCGG	Hs.591500	2755	-0.299625	0.21255175	0.166581778							-0.0573625	0.56528824	0.958513672						
KPNA6	NM_012316_bp897_R	AGCTAAAAGGCCCTTTCTATCTGTCTGATCTCTTGAATCAGACAGATAAGAAAGGGCCGG	Hs.591500	8131	-0.360875	0.31581316	0.137894796							-0.0186125	0.60461462	0.933558843						
KPNA6	NM_012316_bp897_R	AGCTAAAAGGCCCTTTCTATCTGTCTGATCTCTTGAATCAGACAGATAAGAAAGGGCCGG	Hs.591500	13507	-0.4465	0.27948784	0.06417383							0.0283875	0.61378213	0.808434499						
KRAS	NM_033360_bp506_R	AGCTAAAAAGTACCTATGGTCCTAGTAGGATCTCTTGAATCCTACTAGGACCATAGGTACGG	Hs.505033	2110	2.5965125	1.2740327	0.003743154							1.6080625	0.6852967	0.001662042						
KRAS	NM_033360_bp506_R	AGCTAAAAAGTACCTATGGTCCTAGTAGGATCTCTTGAATCCTACTAGGACCATAGGTACGG	Hs.505033	7486	2.2757375	1.00637453	0.002584053							1.706616667	0.64608522	0.003207007						
KRAS	NM_033360_bp506_R	AGCTAAAAAGTACCTATGGTCCTAGTAGGATCTCTTGAATCCTACTAGGACCATAGGTACGG	Hs.505033	12862	2.5155375	1.18671343	0.003224145							1.6060625	0.75812512	0.002352996						
KRAS	NM_033360_bp568_R	AGCTAAAAAGGCTCAGGACTTAGCAAGAAGTCTCTTGAACTTCTTGCTAAGTCCTGAGCCGG	Hs.505033	2108	0.5645375	0.31192465	0.024095188							0.3299875	0.43262685	0.210173038						
KRAS	NM_033360_bp568_R	AGCTAAAAGGCTCAGGACTTAGCAAGAAGTCTCTTGAACTTCTTGCTAAGTCCTGAGCCGG	Hs.505033	7484	0.6755125	0.35483378	0.015745069							0.2926375	0.63177801	0.344628679						
KRAS	NM_033360_bp568_R	AGCTAAAAGGCTCAGGACTTAGCAAGAAGTCTCTTGAACTTCTTGCTAAGTCCTGAGCCGG	Hs.505033	12860	0.6505125	0.27280538	0.011364472							0.7088875	1.0040491	0.122701254						
KRAS	NM_033360_bp659_R	AGCTAAAAGTGAGGGAGATCCGACAATACTCTCTTGAAGTATTGTCGGATCTCCCTCACGG	Hs.505033	12858	0.93295	0.28885312	0.038048155															
KSR	XM_290793_bp1852_R	AGCTAAAAAGCTGCCTACTTCATTCATCATTCTCTTGAATGATGAATGAATGAAGTAGGCAGCGG	Hs.133534	12788	-0.700866667	1.18349526	0.241275611	-1.14105	0.0781353	0.028293315												
KSR	XM_290793_bp1852_R	AGCTAAAAAGCTGCCTACTTCATTCATCATTCTCTTGAATGATGAATGAATGAAGTAGGCAGCGG	Hs.133534	2036	-0.3411	1.11044049	0.551212818															
KSR	XM_290793_bp1852_R	AGCTAAAAAGCTGCCTACTTCATTCATCATTCTCTTGAATGATGAATGAATGAAGTAGGCAGCGG	Hs.133534	7412	-0.45165	1.37949462	0.51196424															
KSR	XM_290793_bp2560_R	AGCTAAAGGGCATCGTACACAAATCTCTTGAATTTGTGTACGATGCCCTTGGCGGG	Hs.133534	865	0.063366667	1.09364217	0.900463015	0.3687	0.38578581	0.207092528												
KSR	XM_290793_bp2560_R	AGCTAAAAGGCCAAGGGCATCGTACACAAATCTCTTGAATTTGTGTACGATGCCCTTGGCGGG	Hs.133534	6241	0.7353	0.98061568	0.210541322	0.725	0.32704396	0.03722247												
KSR	XM_290793_bp2560_R	AGCTAAAAGCCAAGGGCATCGTACACAAATCTCTTGAATTTGTGTACGATGCCCTTGGCGGG	Hs.133534	11617	0.9627	0.97198898	0.1273516	0.93495	0.45276047	0.075635259												
KSR	XM_290793_bp3065_R	AGCTAAAAGGAAGCTCAGCTGACATTAACATCTCTTGAATGTTAATGTCAGCTGACTTCCGG	Hs.133534	866	-0.112533333	1.44638366	0.863128306	0.60515	0.39405071	0.153434125												
KSR	XM_290793_bp3065_R	AGCTAAAAGGAAGTCAGCTGACATTAACATCTCTTGAATGTTAATGTCAGCTGACTTCCGG	Hs.133534	6242	0.086166667	1.19413247	0.875057832	0.34145	0.5933333	0.426633755												
KSR	XM_290793_bp3065_R	AGCTAAAAGGAAGTCAGCTGACATTAACATCTCTTGAATGTTAATGTCAGCTGACTTCCGG	Hs.133534	11618	0.205833333	1.34397179	0.737284277	0.49835	0.29224723	0.188655313												
KSR2	NM_173598_bp1056_R	AGCTAAAAGCTGTCCGTGTCATCAATCTCTTGAATTGATGTCACGGAACGGACGGG	Hs.375836	13027																		
KSR2	NM_173598_bp109_R	AGCTAAAAAGGAGGCAACCTTTCCAAACAATCTCTTGAATTGTTTGGAAAGGTTGCCTCCGG	Hs.375836	758	-0.9807			-0.2711	0.52481465	0.493167235												
KSR2	NM_173598_bp109_R	AGCTAAAAAGGAGGCAACCTTTCCAAACAATCTCTTGAATTGTTTGGAAAGGTTGCCTCCGG	Hs.375836	6134				0.1274														
KSR2	NM_173598_bp109_R	AGCTAAAAAGGAGGCAACCTTTCCAAACAATCTCTTGAATTGTTTGGAAAGGTTGCCTCCGG	Hs.375836	11510				0.2484														
KSR2	NM_173598_bp1871_R	AGCTAAAAGGACGCTCTATTCCGTTGTGATCTCTTGAATCACAACGGATAGAGCGTCCGG	Hs.375836	2277	0.321466667	0.03349184	0.127024862	-0.562825	0.32098892	0.0322739												
KSR2	NM_173598_bp1871_R	AGCTAAAAGGACGCTCTATTCCGTTGTGATCTCTTGAATCACAACGGATAGAGCGTCCGG	Hs.375836	7653	0.10345	0.56907857	0.701965263	-0.546275	0.35379896	0.041815704												
KSR2	NM_173598_bp1871_R	AGCTAAAAGGACGCTCTATTCCGTTGTGATCTCTTGAATCACAACGGATAGAGCGTCCGG	Hs.375836	13029	0.7667			-0.7093	0.33859377	0.016122541												
KTN1	NM_182926_bp1826_R	AGCTAAAAGGACAAAGACTAATGCAGTTATCTCTTGAATAACTGCATTAGTCTTTGCTCGG	Hs.509414	2797										-0.0715								
KTN1	NM_182926_bp1826_R	AGCTAAAAGGACAAAGACTAATGCAGTTATCTCTTGAATAACTGCATTAGTCTTTGCTCGG	Hs.509414	8173										-0.3569								
KTN1	NM_182926_bp1826_R	AGCTAAAAGGACAAAGACTAATGCAGTTATCTCTTGAATAACTGCATTAGTCTTTGCTCGG	Hs.509414	13549										-0.189								
KTN1	NM_182926_bp3042_R	AGCTAAAAGGGAGAGTGATCTTTCTAGCATCTCTTGAATGCTAGAAAGATCACTCTCCCGG	Hs.509414	2801	2.91395	1.1842937	0.001527671							0.4228125	0.81133583	0.215764164						
KTN1	NM_182926_bp3042_R	AGCTAAAAGGGAGAGTGATCTTTCTAGCATCTCTTGAATGCTAGAAAGATCACTCTCCCGG	Hs.509414	8177	3.072475	1.37545229	0.002245382							0.3408125	0.81718119	0.300501933						
KTN1	NM_182926_bp3042_R	AGCTAAAAGGGAGAGTGATCTTTCTAGCATCTCTTGAATGCTAGAAAGATCACTCTCCCGG	Hs.509414	13553	2.833	1.34250371	0.00285845							0.3587125	0.85373431	0.293876109						
KTN1	NM_182926_bp973_R	AGCTAAAAGATCCAGAAATCTGGGACTAATCTCTTGAATTAGTCCCAGATTTCTGGATCGG	Hs.509414	2799	-1.138775	0.3710671	0.002485474							-0.3524125	0.81946902	0.396970189						
KTN1	NM_182926_bp973_R	AGCTAAAAGATCCAGAAATCTGGGACTAATCTCTTGAATTAGTCCCAGATTTCTGGATCGG	Hs.509414	8175	-1.213	0.49696534	0.003687837							-0.4351375	0.83105099	0.296932555						
KTN1	NM_182926_bp973_R	AGCTAAAAGATCCAGAAATCTGGGACTAATCTCTTGAATTAGTCCCAGATTTCTGGATCGG	Hs.509414	13551	-1.207075	0.328009	0.001270731							-0.4313875	0.81923405	0.296322846						
KYNU	CR609484_bp1456_R	AGCTAAAAGGGTGCCAGCTAACAATAACATCTCTTGAATGTTATTGTTAGCTGGCACCCGG	Hs.470126	4675	1.232425	0.52954287	0.003772019	-0.574075	0.32867722	0.031482766				1.2361	0.48499492	0.007402317						
KYNU	CR609484_bp1456_R	AGCTAAAAGGGTGCCAGCTAACAATAACATCTCTTGAATGTTATTGTTAGCTGGCACCCGG	Hs.470126	10051	1.369325	0.64102281	0.004405849	-0.7638	0.22139441	0.006185994	1.044266667	0.40516242	0.0115091									
KYNU	CR609484_bp1456_R	AGCTAAAAGGGTGCCAGCTAACAATAACATCTCTTGAATGTTATTGTTAGCTGGCACCCGG	Hs.470126	15427	1.140975	0.32274705	0.001415222	-0.744725	0.51347362	0.033496876	0.948366667	0.47739462	0.02046945									
KYNU	CR609484_bp1699_R	AGCTAAAAGCTGTGGTTATTTCAGTATTATCTCTTGAATAATACTGAAATAACCACAGCGG	Hs.470126	4677	-0.50795	0.56743726	0.102975439	0.3822	0.93045108	0.389163853	-0.41856667	0.32378561	0.161880056									
KYNU	CR609484_bp1699_R	AGCTAAAAGCTGTGGTTATTTCAGTATTATCTCTTGAATAATACTGAAATAACCACAGCGG	Hs.470126	10053	-0.2933	0.60598213	0.322944503	0.716025	0.37684901	0.019275197	-0.4461	0.46543502	0.174896125									
KYNU	CR609484_bp1699_R	AGCTAAAAGCTGTGGTTATTTCAGTATTATCTCTTGAATAATACTGAAATAACCACAGCGG	Hs.470126	15429	-0.22715	0.48670871	0.365403126	0.988375	0.62953793	0.02190228	-0.45563333	0.27635561	0.125241113									
KYNU	CR609484_bp843_R	AGCTAAAAGGAAGAAACCCTAAGAATAGATCTCTTGAATCTATTCTAAGGTTTCTTCCGG	Hs.470126	4679	0.22815	0.55854703	0.446420975	-0.167125	0.51712391	0.532604011	0.569033333	0.82089184	0.18782565									
KYNU	CR609484_bp843_R	AGCTAAAAGGAAGAAACCCTAAGAATAGATCTCTTGAATCTATTCTAAGGTTTCTTCCGG	Hs.470126	10055	0.21955	0.61821558	0.455801424	0.0549	0.31937402	0.778087792	0.8059	0.9078958	0.098824948									
KYNU	CR609484_bp843_R	AGCTAAAAGGAAGAAACCCTAAGAATAGATCTCTTGAATCTATTCTAAGGTTTCTTCCGG	Hs.470126	15431	0.75515	0.58156167	0.033236475	0.095525	0.38421164	0.660093804	0.659366667	0.83405881	0.140522758									
LAF4	NM_002285_bp1455_R	AGCTAAAGGCTGGATAAATGGCTAAACAATCTCTTGAATTGTTTAGCCATTTATCCAGCGG	Hs.444414	5043	0.3394875	0.34444763	0.12680294	-0.8895625	0.66802749	0.02825061												
LAF4	NM_002285_bp1455_R	AGCTAAAGGCTGGATAAATGGCTAAACAATCTCTTGAATTGTTTAGCCATTTATCCAGCGG	Hs.444414	10419	0.3501375	0.20749027	0.069553676	-0.8998375	0.62660378	0.029657023												
LAF4	NM_002285_bp1455_R	AGCTAAAGGCTGGATAAATGGCTAAACAATCTCTTGAATTGTTTAGCCATTTATCCAGCGG	Hs.444414	15795	0.252875	0.33576966	0.421729103	-1.0908125	0.72855332	0.023555754												
LAF4	NM_002285_bp185_R	AGCTAAAAGCACGTTTAATTCTAGTTACTTCTCTTGAAAGTAACTAGAATTAAACGTGCGG	Hs.444414	5045	-0.1630125	0.16883748	0.311438612	-0.1862875	0.4959286	0.476658829												
LAF4	NM_002285_bp185_R	AGCTAAAAGCACGTTTAATTCTAGTTACTTCTCTTGAAAGTAACTAGAATTAAACGTGCGG	Hs.444414	10421	-0.2207125	0.13415135	0.173872369	-0.2702125	0.54409878	0.346128749												
LAF4	NM_002285_bp185_R	AGCTAAAAGCACGTTTAATTCTAGTTACTTCTCTTGAAAGTAACTAGAATTAAACGTGCGG	Hs.444414	15797	-0.2669625	0.27324816	0.170627694	-0.1508125	0.50251666	0.563999381												
LAF4	NM_002285_bp3123_R	AGCTAAAAGGAATCCAAATCCTCTTTATATAAGGAGATTTGGATTCCGG	Hs.444414	5047	-0.6231875	0.50814641	0.045326572	0.0811625	0.66235068	0.798496415												
LAF4	NM_002285_bp3123_R	AGCTAAAAGGAATCCAAATCCTCTTTATATAAGGAGATTTGGATTCCGG	Hs.444414	10423	-0.6590875	0.38916581	0.020870108	0.0328875	0.67918423	0.919008694												
LAF4	NM_002285_bp3123_R	AGCTAAAAGGAATCCAAATCCTCTTTATATAAGGAGATTTGGATTCCGG	Hs.444414	15799	-0.5756875	0.45029106	0.045053656	0.1095625	0.8395452	0.778177695												
LAT2	AK092904_bp1853_R	AGCTAAAAGCTTGTACAGTTAACTTATAGTCTCTTGAACTATAAGTTAACTGTACAAGCGG	Hs.56607	3850	-0.5853	0.81948111	0.191672942							-0.629075	0.24044411	0.019126272						
LAT2	AK092904_bp1853_R	AGCTAAAAGCTTGTACAGTTAACTTATAGTCTCTTGAACTATAAGTTAACTGTACAAGCGG	Hs.56607	9226	-0.1361	0.24436659	0.522171174							-0.62465	0.50350111	0.04752206						
LAT2	AK092904_bp1853_R	AGCTAAAAGCTTGTACAGTTAACTTATAGTCTCTTGAACTATAAGTTAACTGTACAAGCGG	Hs.56607	14602	-0.145133333	0.25069955	0.499294114							-0.578525	0.34675474	0.036944016						
LAT2	AK092904_bp1877_R	AGCTAAAAGGGAGCCATATTTAACATTCTCTCTTGAAAGAATGTTAAATATGGCTCCCGG	Hs.56607	3846	-0.7883125	0.99088329	0.108576297							-0.357275	0.35323767	0.152713048						
LAT2	AK092904_bp1877_R	AGCTAAAAGGGAGCCATATTTAACATTCTCTCTTGAAAGAATGTTAAATATGGCTCCCGG	Hs.56607	9222	-0.3995875	0.60722548	0.196066583							0.059675	0.40474301	0.803350123						
LAT2	AK092904_bp1877_R	AGCTAAAAGGGAGCCATATTTAACATTCTCTCTTGAAAGAATGTTAAATATGGCTCCCGG	Hs.56607	14598	-0.6453375	0.32334267	0.015664057							-0.2582	0.46454122	0.328243997						
LAT2	AK092904_bp922_R	AGCTAAAAGGACAAGCTGTTGCAATTCTATCTCTTGAATGAGATTGCAACAGCTTGTCCGG	Hs.56607	3848	1.0369375	0.30318541	0.001909486							0.753	0.2678632	0.00975833						
LAT2	AK092904_bp922_R	AGCTAAAAGGACAAGCTGTTGCAATTCTATCTCTTGAATGAGATTGCAACAGCTTGTCCGG	Hs.56607	9224	1.3490625	0.39095221	0.001047436							0.81435	0.2353388	0.006096932						
LAT2	AK092904_bp922_R	AGCTAAAAGGACAAGCTGTTGCAATTCTATCTCTTGAATGAGATTGCAACAGCTTGTCCGG	Hs.56607	14600	1.5844875	0.61810798	0.002075678							0.854825	0.28052322	0.005730712						
LATS1	NM_004690_bp2555_R	AGCTAAAAGCGGGCTTGGATTATCTCAAGATCTCTTGAATCTTGAGATAATCCAACCCGCGG	Hs.549084	312	-1.4658	2.68917597	0.220554573	-2.025433333	3.95247258	0.316106936												
LATS1	NM_004690_bp2555_R	AGCTAAAAGCGGGCTTGGATTATCTCAAGATCTCTTGAATCTTGAGATAATCCAACCCGCGG	Hs.549084	5688	-1.7558	2.3866388	0.141986393	-1.8899	3.95376474	0.345141613												
LATS1	NM_004690_bp2555_R	AGCTAAAAGCGGGCTTGGATTATCTCAAGATCTCTTGAATCTTGAGATAATCCAACCCGCGG	Hs.549084	11064	-1.853025	2.74706587	0.143697469	-2.784933333	3.54458035	0.244868344												
LATS1	NM_004690_bp3346_R	AGCTAAAAGGTGGAGTGTTGGTGTTATCTCTTGAAGAATAACACCAACACTCCACCGG	Hs.549084	1886	1.070766667	1.84704857	0.236873453	0.72785	6.76298139	0.82878881												
LATS1	NM_004690_bp3346_R	AGCTAAAAGGTGGAGTGTTGGTGTTATCTCTTGAAGAATAACACCAACACTCCACCGG	Hs.549084	7262	2.31455	2.85026812	0.091217619	-0.6019	7.20569828	0.874871407												
LATS1	NM_004690_bp3346_R	AGCTAAAAGGTGGAGTGTTGGTGTTATCTCTTGAAGAATAACACCAACACTCCACCGG	Hs.549084	12638	2.7225	3.59447355	0.10844313	-0.652566667	5.62777562	0.805883905												
LATS1	NM_004690_bp566_R	AGCTAAAAGCCAGAAGGATATAGACAAATTCTCTTGAAATTTGTCTATATCCCTTCTGGCGG	Hs.549084	325	0.411475	1.80836226	0.587849076	0.707533333	0.25493414	0.031002867												
LATS1	NM_004690_bp566_R	AGCTAAAAGCCAGAAGGATATAGACAAATTCTCTTGAAATTTGTCTATATCCCTTCTGGCGG	Hs.549084	5701	-0.2027	1.03767998	0.67862338	0.535333333	0.21789347	0.059063731												
LATS1	NM_004690_bp566_R	AGCTAAAAGCCAGAAGGATATAGACAAATTCTCTTGAAATTTGTCTATATCCCTTCTGGCGG	Hs.549084	11077	0.768675	2.33375471	0.437479371	0.562066667	0.30273299	0.067410629												
LATS2	NM_014572_bp3569_R	AGCTAAAAGGCTGAGAGCTCAGATTTAGATCTCTTGAATCTAAATCTGAGCTCTCAGCCGG	Hs.78960	5852	-0.834366667	1.06165657	0.146025515	-0.913														
LATS2	NM_014572_bp3569_R	AGCTAAAAGGCTGAGAGCTCAGATTTAGATCTCTTGAATCTAAATCTGAGCTCTCAGCCGG	Hs.78960	11228	-0.7996	0.96012398	0.156739405	-1.02														
LATS2	NM_014572_bp3569_R	AGCTAAAAGGCTGAGAGCTCAGATTTAGATCTCTTGAATCTAAATCTGAGCTCTCAGCCGG	Hs.78960	476	-0.862175	1.25090725	0.221637751	0.6099														
LATS2	NM_014572_bp458_R	AGCTAAAAGCCATCCAAGTCTTCGGTTCATCTCTTGAATGAACCGAAGACTTGGATGGCGGG	Hs.78960	477	-0.73185	1.03058508	0.140919514	0.005566667	4.09238957	0.997693573												
LATS2	NM_014572_bp458_R	AGCTAAAAGCCATCCAAGTCTTCGGTTCATCTCTTGAATGAACCGAAGACTTGGATGGCGGG	Hs.78960	5853	-1.330625	1.648764	0.095979186	-0.4406	4.27872014	0.827365166												
LATS2	NM_014572_bp458_R	AGCTAAAAGCCATCCAAGTCTTCGGTTCATCTCTTGAATGAACCGAAGACTTGGATGGCGGG	Hs.78960	11229	-3.22115	2.90635571	0.035801607	-0.116433333	3.44770537	0.954604599												
LCK	NM_005356_bp1245_R	AGCTAAAAGGGGGCCAAGTTTCCCATTAATCTCTTGAATTAATGGGAAACTTGGCCCCCGG	Hs.476227	1657	0.3298	0.50350579	0.280155648															
LCK	NM_005356_bp1245_R	AGCTAAAAGGGGGCCAAGTTTCCCATTAATCTCTTGAATTAATGGGAAACTTGGCCCCCGG	Hs.476227	7033	-0.119275	2.29376751	0.682440462	2.2814	2.53095375	0.161674242												
LCK	NM_005356_bp1245_R	AGCTAAAAGGGGGCCAAGTTTCCCATTAATCTCTTGAATTAATGGGAAACTTGGCCCCCGG	Hs.476227	12409	-0.039333333	0.40052235	0.874328832	2.37055	2.72681588	0.171041081												
LCK	NM_005356_bp373_R	AGCTAAAAGAAGGCCTTCATCCCCTTCAATTCTCTTGAAATTGAAGGGGATGAAGCCTTCGG	Hs.476227	395	-1.52805	2.19147502	0.134562376	-0.391866667	1.83072489	0.659856278												
LCK	NM_005356_bp373_R	AGCTAAAAGAAGGCCTTCATCCCCTTCAATTCTCTTGAATTGAAGGGGATGAAGCCTTCGG	Hs.476227	5771	-1.774225	2.63183189	0.144101	-0.268166667	1.98286002	0.778294221												
LCK	NM_005356_bp373_R	AGCTAAAAGAAGGCCTTCATCCCCTTCAATTCTCTTGAATTGAAGGGGATGAAGCCTTCGG	Hs.476227	11147	-1.7896	2.67874365	0.146934994	-0.314866667	1.95226763	0.737870693												
LCP2	NM_005565_bp1504_R	AGCTAAAAGAAGCTGCTCTTAGAAAGATATATCTCTTGAATATCTTTCTAAGAGCAGCTTCGG	Hs.304475	3389	0.198233333	0.36972508	0.427539983				0.096916667	0.19491397	0.700697832	0.557225	0.35482744	0.051630623	1.0601	1.08356636	0.145321396
LCP2	NM_005565_bp1504_R	AGCTAAAAGAAGCTGCTCTTAGAAAGATATATCTCTTGAATATCTTTCTAAGAGCAGCTTCGG	Hs.304475	8765	0.254933333	0.42593672	0.349165509				-0.02651667	0.36212209	0.923425379	0.640725	0.29497652	0.022517497	0.96975	1.02396081	0.154525613
LCP2	NM_005565_bp1504_R	AGCTAAAAGAAGCTGCTCTTAGAAAGATATATCTCTTGAATATCTTTCTAAGAGCAGCTTCGG	Hs.304475	14141	0.189233333	0.34288969	0.433486709				0.0800125	0.22679651	0.698464229	0.575475	0.3089763

LGALS9	NM_009587_bp1023_R	AGCTAAAAGGTCACGCACCTGTTTGAATACTCTCTTGAAGTATTCACCAGGTGCTGACCGG	Hs.81337	13616	-0.074525	0.93748678	0.854064563				-0.654425	1.11359149	0.178410225					
LGALS9	NM_009587_bp447_R	AGCTAAAAGTGGACACCATCTCCGTCAATTCTCTTGAAATTGACGGAGATGGTGTCCACGG	Hs.81337	2862	0.88465	0.71435833	0.033647068				4.4565							
LGALS9	NM_009587_bp447_R	AGCTAAAAGTGGACACCATCTCCGTCAATTCTCTTGAAATTGACGGAGATGGTGTCCACGG	Hs.81337	8238	0.47675	0.49999521	0.223008083				2.9519							
LGALS9	NM_009587_bp447_R	AGCTAAAAGTGGACACCATCTCCGTCAATTCTCTTGAAATTGACGGAGATGGTGTCCACGG	Hs.81337	13614	0.4274	0.50602689	0.182132442				3.6193							
LGALS9	NM_009587_bp978_R	AGCTAAAAGTGTGGGATTGGTGAAGCTTCTTGAAAGCTTCACACAAGATCCACACGG	Hs.81337	13618														
LHFP	AF463496_bp477_R	AGCTAAAAGATCAACTAATAGCCTAATAATCTCTTGAATTATTAGGCTATTAGTTGATCGG		3048	0.737933333	0.17539841	0.015168903				0.993325	1.03085918	0.048669259					
LHFP	AF463496_bp477_R	AGCTAAAAGATCAACTAATAGCCTAATAATCTCTTGAATTATTAGGCTATTAGTTGATCGG		8424	0.746133333	0.31711718	0.023961622				0.874275	1.01370189	0.070167494					
LHFP	AF463496_bp477_R	AGCTAAAAGATCAACTAATAGCCTAATAATCTCTTGAATTATTAGGCTATTAGTTGATCGG		13800	0.686266667	0.196265	0.020531196				1.021	1.03004996	0.044232407					
LHFP	AF463496_bp591_R	AGCTAAAAAGACCCAGGAGTTTAAGATCAATCTCTTGAATTGATCTTAAACTCCTGGGTCGG		3046	-0.152175	0.26045936	0.395700717				0.1441	0.693607	0.650776519					
LHFP	AF463496_bp591_R	AGCTAAAAGACCCAGGAGTTTAAGATCAATCTCTTGAATTGATCTTAAACTCCTGGGTCGG		8422	-0.14495	0.26068828	0.4170543				0.2779	0.39945525	0.268520236					
LHFP	AF463496_bp591_R	AGCTAAAAGACCCAGGAGTTTAAGATCAATCTCTTGAATTGATCTTAAACTCCTGGGTCGG		13798	-0.0896	0.30759624	0.631719116				0.287475	0.43252801	0.267497734					
LHFP	AF463496_bp92_R	AGCTAAAAAGCTGAAATCCTATCTCTACAATCTCTTGAATTGTAGAGATAGGATTTCAGCGG		2713	-1.209	0.40799719	0.001929626				-0.94915	0.55643008	0.011457522					
LHFP	AF463496_bp92_R	AGCTAAAAAGCTGAAATCCTATCTCTACAATCTCTTGAATTGTAGAGATAGGATTTCAGCGG		8089	-1.0096	0.37117984	0.030362553				-0.300725	0.24752202	0.18267926					
LHFP	AF463496_bp92_R	AGCTAAAAGCTGAAATCCTATCTCTACAATCTCTTGAATTGTAGAGATAGGATTTCAGCGG		13465	-1.230425	0.26198422	0.000661227				-0.814275	0.58170963	0.023864336					
LIMK1	NM_002314_bp1386_R	AGCTAAAAAGAGGCTCAACTTCATCACTGATCTCTTGAATCAGTGATGAAGTTGAGCCTCGG	Hs.36566	159	1.07135	1.74577593	0.247490793	-0.2076125	0.43019021	0.389179484								
LIMK1	NM_002314_bp1386_R	AGCTAAAAAGAGGCTCAACTTCATCACTGATCTCTTGAATCAGTGATGAAGTTGAGCCTCGG	Hs.36566	5535	1.063566667	1.18469492	0.105453302	-0.2122375	0.47642821	0.409353637								
LIMK1	NM_002314_bp1386_R	AGCTAAAAAGAGGCTCAACTTCATCACTGATCTCTTGAATCAGTGATGAAGTTGAGCCTCGG	Hs.36566	10911	1.1384	1.23689193	0.098327726	0.1018375	0.5256151	0.702887655								
LIMK1	NM_002314_bp690_R	AGCTAAAAAGCGTGGACTTTCAGTCTCCATTTCTCTTGAAATGGAGACTGAAAGTCCACGCGG	Hs.36566	160	-1.004275	0.73237577	0.023209963	-1.0703625	0.84700723	0.038335746								
LIMK1	NM_002314_bp690_R	AGCTAAAAAGCGTGGACTTTCAGTCTCCATTTCTCTTGAAATGGAGACTGAAAGTCCACGCGG	Hs.36566	5536	-1.073475	0.83125888	0.026792217	-1.0606125	0.83313809	0.037698607								
LIMK1	NM_002314_bp690_R	AGCTAAAAAGCGTGGACTTTCAGTCTCCATTTCTCTTGAATGGAGACTGAAAGTCCACGCGG	Hs.36566	10912	-1.044675	0.99994343	0.050358144	-1.0428375	0.79755422	0.035295526								
LIMK2	NM_016733_bp1312_R	AGCTAAAAAGGCAAAGTGATGGTCATGAAATCTCTTGAATTTCATGACCATCACTTTGCCGG	Hs.47596	572	1.287825	1.30289753	0.055966749	1.813933333	0.8723154	0.016217939								
LIMK2	NM_016733_bp1312_R	AGCTAAAAAGGCAAAGTGATGGTCATGAAATCTCTTGAATTTCATGACCATCACTTTGCCGG	Hs.47596	5948	1.44895	1.45640249	0.053833333	1.2652	1.22817055	0.097195403								
LIMK2	NM_016733_bp1312_R	AGCTAAAAAGGCAAAGTGATGGTCATGAAATCTCTTGAATTTCATGACCATCACTTTGCCGG	Hs.47596	11324	1.3182	1.48709443	0.075374007	1.450066667	1.41455005	0.095786441								
LIMK2	NM_016733_bp1851_R	AGCTAAAAAGATCGTTCTCTGTGAGATCATTCTCTTGAAATCGATCTCACAGAGAACGATCGG	Hs.47596	573	-1.2062	2.75298319	0.311595214	0.6832	2.42538041	0.563285033								
LIMK2	NM_016733_bp1851_R	AGCTAAAAAGATCGTTCTCTGTGAGATCATTCTCTTGAAATCGATCTCACAGAGAACGATCGG	Hs.47596	5949	-1.13245	4.60838035	0.553963749	-0.922466667	4.79051495	0.685954034								
LIMK2	NM_016733_bp1851_R	AGCTAAAAAGATCGTTCTCTGTGAGATCATTCTCTTGAAATCGATCTCACAGAGAACGATCGG	Hs.47596	11325	-1.174025	3.163513	0.38357072	-0.2676	3.66104139	0.876929026								
LIMK2	NM_016733_bp781_R	AGCTAAAAAGCCACCACTGTGCAAGTGAAATCTCTTGAATTTCACTTGCACAGTGGTGGCGGG	Hs.47596	1758	1.7177	1.42718261	0.028949333	-0.412866667	2.32830205	0.711888254								
LIMK2	NM_016733_bp781_R	AGCTAAAAAGCCACCACTGTGCAAGTGAAATCTCTTGAATTTCACTTGCACAGTGGTGGCGGG	Hs.47596	7134	1.6969	1.70016093	0.052212279	-1.0588	3.32875082	0.514636397								
LIMK2	NM_016733_bp781_R	AGCTAAAAAGCCACCACTGTGCAAGTGAAATCTCTTGAATTTCACTTGCACAGTGGTGGCGGG	Hs.47596	12510	1.56095	1.64545765	0.061147798	-1.302533333	3.38321119	0.436950152								
LIM53	AK096170_bp1796_R	AGCTAAAAAGCTAGCAAGTATGTAATAATCTCTGCTAGCCGG		3996	-0.1833875	0.07581836	0.225085887				0.565075	0.17590767	0.024610844					
LIM53	AK096170_bp1796_R	AGCTAAAAAGGCTAGCAAGTATGTAATAATCTCTTGAAATTATTACATACTTGCTAGCCGG		9372	0.29005	0.91764143	0.517647303				0.49225	0.13438751	0.037842579					
LIM53	AK096170_bp1796_R	AGCTAAAAAGGCTAGCAAGTATGTAATAATCTCTTGAAATTATTACATACTTGCTAGCCGG		14748	0.0340625	0.44522529	0.880477967				0.57545	0.45870149	0.05402024					
LIM53	AK096170_bp2481_R	AGCTAAAAGACGATGGTCTTCTCACTATATCCTCTTGAATATAGTGAGAAGACCATGCTCGG		3998	-0.1524875	0.41157542	0.490467994				0.4436	0.86058475	0.253315303					
LIM53	AK096170_bp2481_R	AGCTAAAAAGACGATGGTCTTCTCACTATATCCTCTTGAATATAGTGAGAAGACCATGCTCGG		9374	-0.1948625	0.35224041	0.346913349				0.32555	0.57982816	0.275507227					
LIM53	AK096170_bp2481_R	AGCTAAAAAGACGATGGTCTTCTCACTATATCCTCTTGAATATAGTGAGAAGACCATGCTCGG		14750	-0.1897125	0.35368948	0.35963142				0.215	0.68225841	0.49963359					
LIM53	AK096170_bp3187_R	AGCTAAAAAGCTACATTGTTTATCATTAATCTCTTGAATTAATGATAAACAATGTAGCCGG		3994							-0.202825	0.25625532	0.352141595					
LIM53	AK096170_bp3187_R	AGCTAAAAAGGCTACATTGTTTATCATTAATCTCTTGAATTAATGATAAACAATGTAGCCGG		9370							-0.1573	0.30615631	0.481288323					
LIM53	AK096170_bp3187_R	AGCTAAAAAGGCTACATTGTTTATCATTAATCTCTTGAATTAATGATAAACAATGTAGCCGG		14746							-0.153225	0.02796975	0.489528948					
LIN10	BC004556_bp1038_R	AGCTAAAAAGGAGTGGACATCCTCTTTGATTTCTCTTGAAATCAAAGAGGATGTCCACTCCGG	Hs.513666	4275	0.316	1.00063628	0.473507352	0.625025	0.47289142	0.04824275	0.736133333	1.24103697	0.202574722					
LIN10	BC004556_bp1038_R	AGCTAAAAAGGAGTGGACATCCTCTTTGATTTCTCTTGAAATCAAAGAGGATGTCCACTCCGG	Hs.513666	9651	0.292025	1.1471447	0.555056023	0.664975	0.39981745	0.027994417	0.839966667	1.69316679	0.254144084					
LIN10	BC004556_bp1038_R	AGCTAAAAAGGAGTGGACATCCTCTTTGATTTCTCTTGAAATCAAAGAGGATGTCCACTCCGG	Hs.513666	15027	0.472025	1.04855744	0.317703205	0.685175	0.53072968	0.046896176	0.670433333	1.29296787	0.253033356					
LIN10	BC004556_bp354_R	AGCTAAAAAGGGATCAAACTAATGTTTGATTCCTCTTGAAATCAAACATTAGTTTGATCCCGG	Hs.513666	4277	-0.8236	0.60662988	0.027520149	0.266275	0.23522978	0.165278229	-0.65503333	0.31584031	0.049070594					
LIN10	BC004556_bp354_R	AGCTAAAAAGGGATCAAACTAATGTTTGATTCCTCTTGAAATCAAACATTAGTTTGATCCCGG	Hs.513666	9653	-0.831075	0.68332783	0.036758203	0.132425	0.47352441	0.596169775	-0.55666667	0.16902936	0.063655427					
LIN10	BC004556_bp354_R	AGCTAAAAAGGGATCAAACTAATGTTTGATTCCTCTTGAAATCAAACATTAGTTTGATCCCGG	Hs.513666	15029	-0.7428	0.59061827	0.036535995	0.17335	0.27199938	0.36018707	-0.85703333	0.36271118	0.021813339					
LIN10	BC004556_bp831_R	AGCTAAAAAGGACCTGGCCTATTAGCAGATTCTCTTGAAATCGCTGATAGGCCAGGTCCGG	Hs.513666	4273	-0.50375	0.49657305	0.081355108	-0.178275	0.16482084	0.280868207	-0.56856667	1.06041271	0.257616804					
LIN10	BC004556_bp831_R	AGCTAAAAAGGACCTGGCCTATTAGCAGATTCTCTTGAAATCGCTGATAGGCCAGGTCCGG	Hs.513666	9649	-0.37415	0.31976	0.090594727	-0.187825	0.18271987	0.269077777	-0.20606667	0.43375466	0.488999465					
LIN10	BC004556_bp831_R	AGCTAAAAAGGACCTGGCCTATTAGCAGATTCTCTTGAAATCGCTGATAGGCCAGGTCCGG	Hs.513666	15025	-0.4067	0.41901557	1.106861392	-0.1518	0.38117307	0.490159872	0.1747	0.62553031	0.609247401					
LMO2	NM_000574_bp1240_R	AGCTAAAAAGCGGGCGCCTCTACAAACTTCTCTTGAAATTTGTAGTACGAGGGCCCGCGGG	Hs.34560	3395	-0.39833333	0.25797556	0.113272782				-0.31075	0.31063508	0.274456343	-0.118875	0.36075591	0.556943797	0.22745	0.60264151	0.505194868
LMO2	NM_000574_bp1240_R	AGCTAAAAAGCGGGCGCCTCTACAAACTTCTCTTGAAATTTGTAGTACGAGGGCCCGCGGG	Hs.34560	8771	-0.38243333	0.15552476	0.098565223				-0.713662	0.07917994	0.007620872	0.0196	0.37214993	0.922758791	0.28385	0.54184272	0.317336497
LMO2	NM_000574_bp1240_R	AGCTAAAAAGCGGGCGCCTCTACAAACTTCTCTTGAAATTTGTAGTACGAGGGCCCGCGGG	Hs.34560	14147	-0.561933333	0.11667832	0.031546959				-0.1409125	0.52238945	0.603039618	-0.03955	0.35038658	0.839006665	0.3581	0.55264094	0.285685578
LMO2	NM_000574_bp1349_R	AGCTAAAAAGAGATGACAATGCGGGGTGAAATCTCTTGAATTTCACCCGCATTGTCATCTCGG	Hs.34560	3391	-0.348825	0.1845318	0.064459222				-0.1247125	0.32674849	0.580214935	-0.844733333	0.37025262	0.058477	0.5634	0.49958382	0.109382323
LMO2	NM_000574_bp1349_R	AGCTAAAAAGAGATGACAATGCGGGGTGAAATCTCTTGAATTTCACCCGCATTGTCATCTCGG	Hs.34560	8767	-0.0693	0.81743755	0.047176254				0.6886375	0.64728173	0.054511152	-0.7844	0.43443288	0.088833347	0.56005	0.49183035	1.017190446
LMO2	NM_000574_bp1349_R	AGCTAAAAAGAGATGACAATGCGGGGTGAAATCTCTTGAATTTCACCCGCATTGTCATCTCGG	Hs.34560	14143	0.024075	0.6980114	0.938998635				0.2300625	1.11011406	0.610955824	-0.7474	0.47249788	0.11139779	0.555175	0.48813753	1.107461831
LMO2	NM_000574_bp1433_R	AGCTAAAAAGACAGATACCTCCTCATCAACTTCTCTTGAAGTTGATGAGGAGGTATCTGTCGG	Hs.34560	3393	0.831375	0.52819444	0.018361176				-1.0515	0.81967818	0.066349195	0.41595	0.21222728	0.029582803	0.619	0.30785632	0.027620556
LMO2	NM_000574_bp1433_R	AGCTAAAAAGACAGATACCTCCTCATCAACTTCTCTTGAAGTTGATGAGGAGGTATCTGTCGG	Hs.34560	14145	0.8813	0.78132391	0.043592208				0.5750875	0.67923672	0.101878965	0.477575	0.30150327	0.050560069	0.725725	0.42218933	0.041298793
LMO2	NM_000574_bp1433_R	AGCTAAAAAGACAGATACCTCCTCATCAACTTCTCTTGAAGTTGATGAGGAGGTATCTGTCGG	Hs.34560	8769	0.762075	1.09177542	0.144757276				-0.2794		0.495	0.35040851	0.066448297	0.679475	0.3018566	0.020466295
LMTK2	NM_014916_bp2178_R	AGCTAAAAAGAGAGCCCCTTTCAACAATATATCCTTGAATATATTGTTGAAAGGGCTCTCGG	Hs.444179	501	0.673733333	0.70651054	0.112600777	-0.205866667	0.76657376	0.616053149								
LMTK2	NM_014916_bp2178_R	AGCTAAAAAGAGAGCCCCTTTCAACAATATATCCTTGAATATATTGTTGAAAGGGCTCTCGG	Hs.444179	5877	1.4483	2.45784353	0.226903234	-1.9269	1.04623519	0.047897943								
LMTK2	NM_014916_bp2178_R	AGCTAAAAAGAGAGCCCCTTTCAACAATATATCCTTGAATATATTGTTGAAAGGGCTCTCGG	Hs.444179	11253	0.561466667	0.81143835	0.203815906	-0.0972	0.53494408	0.75520508								
LMTK2	NM_014916_bp2816_R	AGCTAAAAAGCCCACGTGTTTAGATGTTATTCTCTTGAAATAACATCTAAACACGTGGGCGG	Hs.444179	502	-0.486075	1.01872681	0.293702448	-2.647333333	2.01256229	0.04918787								
LMTK2	NM_014916_bp2816_R	AGCTAAAAAGCCCACGTGTTTAGATGTTATTCTCTTGAATAACATCTAAACACGTGGGCGG	Hs.444179	5878	0.85695	3.99380868	0.604028194	-4.927333333	1.51986434	0.003257557								
LMTK2	NM_014916_bp2816_R	AGCTAAAAAGCCCACGTGTTTAGATGTTATTCTCTTGAATAACATCTAAACACGTGGGCGG	Hs.444179	11254	1.066475	4.46521374	0.564807474	-5.707333333	0.62965315	0.000151034								
LMTK2	NM_014916_bp3056_R	AGCTAAAAGGGACAGGAATTGCACAATAATCTCTTGAATTGTGCGAATTCCTGTCCCGG	Hs.444179	503	0.318375	1.15243374	0.553175534	-1.4356	0.77216061	0.056129947								
LMTK2	NM_014916_bp3056_R	AGCTAAAAGGGACAGGAATTGCACAATAATCTCTTGAATTATTGTGCGAATTCCTGTCCCGG	Hs.444179	5879	0.3332	1.44339459	0.586006302	-4.022133333	2.57043932	0.029827608								
LMTK2	NM_014916_bp3056_R	AGCTAAAAGGGACAGGAATTGCACAATAATCTCTTGAATTATTGTGCGAATTCCTGTCCCGG	Hs.444179	11255	0.34985	1.50933076	0.583724617	-4.282166667	2.61385577	0.026094762								
LMTK3	XM_055866_bp1230_R	AGCTAAAAGACTACTGGTATGACATTCTTCTCTTGAAAGAATGTCATACCAGTAGTCCGG	Hs.207426	2022														
LMTK3	XM_055866_bp1230_R	AGCTAAAAGACTACTGGTATGACATTCTTCTCTTGAAAGAATGTCATACCAGTAGTCCGG	Hs.207426	7398														
LMTK3	XM_055866_bp1230_R	AGCTAAAAGACTACTGGTATGACATTCTTCTCTTGAAAGAATGTCATACCAGTAGTCCGG	Hs.207426	12774														
LMTK3	XM_055866_bp6_R	AGCTAAAAAGAAGTGCTGTGGTTGTGTAATCTCTTGAATTACACAACCACAGCACTTGCGG	Hs.207426	846	-0.6251			-0.605066667	0.49503137	0.10178148								
LMTK3	XM_055866_bp6_R	AGCTAAAAAGAAGTGCTGTGGTTGTGTAATCTCTTGAATTACACAACCACAGCACTTGCGG	Hs.207426	6222	-0.69525	0.33227919	0.012378557	-0.3738	0.38215824	0.200575906								
LMTK3	XM_055866_bp6_R	AGCTAAAAAGCAAGTGCTGTGGTTGTGTAATCTCTTGAATTACACAACCACAGCACTTGCGG	Hs.207426	11598	-0.44545	0.0569221	0.15628718	-0.349766667	0.38925366	0.227944437								
LOC339483	AL833686_bp1385_R	AGCTAAAAGCCCCTCTCTTCACTACACCAATCTTTGAATTGGTGTAGTAAGAGAGGGGCCGG	Hs.471067	4164	1.55765	0.26115438	0.000215519	0.852925	1.67353543	0.042394991	0.781333333	0.81425741	0.088930928					
LOC339483	AL833686_bp1385_R	AGCTAAAAGCCCCTCTCTTCACTACACCAATCTTTGAATTGGTGTAGTAAGAGAGGGGCCGG	Hs.471067	14916	1.56625	0.52357809	0.001253989	0.7297	1.0681202	0.224966232	0.8244	0.85059878	0.082897846					
LOC339483	AL833686_bp1385_R	AGCTAAAAGCCCCTCTCTTCACTACACCAATCTTTGAATTGGTGTAGTAAGAGAGGGGCCGG	Hs.471067	9540	1.601266667	0.44291224	0.000826978	0.878925	0.46917465	0.015315554	0.92695	0.75695781	0.084236321					
LOC339483	AL833686_bp2363_R	AGCTAAAAAGGGGGAAGAGTGTGGCAAATATCTCTTGAATATTTGCCACACTCTTCCCCCGG	Hs.471067	4162	1.60725	1.76748081	0.068686576	0.803	1.12850213	0.142241877	0.2114	0.5015191	0.499685958					
LOC339483	AL833686_bp2363_R	AGCTAAAAAGGGGGAAGAGTGTGGCAAATATCTCTTGAATATTTGCCACACTCTTCCCCCGG	Hs.471067	9538	2.2421	1.07288248	0.003553407	0.9964	0.84630981	0.047708799	1.018966667	0.48914274	0.016174326					
LOC339483	AL833686_bp2363_R	AGCTAAAAAGGGGGAAGAGTGTGGCAAATATCTCTTGAATATTTGCCACACTCTTCCCCCGG	Hs.471067	14914	1.396	1.74828158	0.098154793	1.0197	0.87514673	0.048639491	0.249966667	0.85195075	0.542511977					
LOC339483	AL833686_bp557_R	AGCTAAAAAGTGCCATACTTGGTGGACGATTCTCTTGAATCGTCCACCAAGTATGGCACGG	Hs.471067	9542	-0.203625	0.82784937	0.580898804	-0.73245	0.34287526	0.014721516	-2.0485							
LOC339483	AL833686_bp557_R	AGCTAAAAAGTGCCATACTTGGTGGACGATTCTCTTGAATCGTCCACCAAGTATGGCACGG	Hs.471067	14918	-0.007	0.62362821	0.980577816	-0.724125	0.24095901	0.008501046	-1.6685							
LOC339483	AL833686_bp557_R	AGCTAAAAAGTGCCATACTTGGTGGACGATTCTCTTGAATCGTCCACCAAGTATGGCACGG	Hs.471067	4166	-0.07195	1.16142935	0.883650479	-0.8423	0.40135021	0.012340763								
LOC400581	BC060883_bp3471_R	AGCTAAAAAGGGGCTCATGTTACAGTAGCATCTCTTGAATGCTACTGTAACATGAGCCCCGG	Hs.579269	4562	1.48945	0.85101019	0.008329265	2.148725	1.09145737	0.007378601	0.70235	1.74789725	0.362397881					
LOC400581	BC060883_bp3471_R	AGCTAAAAAGGGGCTCATGTTACAGTAGCATCTCTTGAATGCTACTGTAACATGAGCCCCGG	Hs.579269	9938	1.53035	0.74197693	0.004583031	2.351625	1.19717106	0.007255129	0.624733333	1.0659331	0.220869613					
LOC400581	BC060883_bp3471_R	AGCTAAAAAGGGGCTCATGTTACAGTAGCATCTCTTGAATGCTACTGTAACATGAGCCCCGG	Hs.579269	15314	1.832633333	0.66312942	0.004422053	2.0566	1.14111602	0.010179026	0.236733333	1.05094951	0.615752174					
LOC400581	BC060883_bp3721_R	AGCTAAAAAGCTCGATAAATGCTTGGTAAATCTCTTGAATTTACCAAGCATTTATCGAGCGG	Hs.579269	4534	-0.711775	0.23143082	0.066201577	0.049625	0.34726862	0.807191702	-0.67755	0.44611367	0.121695598					
LOC400581	BC060883_bp3721_R	AGCTAAAAAGCTCGATAAATGCTTGGTAAATCTCTTGAATTTACCAAGCATTTATCGAGCGG	Hs.579269	9910	-0.673125	0.68079994	0.069986484	0.145325	0.30314935	0.455234118	-1.39325	0.46209428	0.015749531					
LOC400581	BC060883_bp3721_R	AGCTAAAAAGCTCGATAAATGCTTGGTAAATCTCTTGAATTTACCAAGCATTTATCGAGCGG	Hs.579269	15286	-0.840325	0.13144653	0.00176256	-0.079975	0.22038225	0.635149535	-0.88463333	0.22697357	0.014194175					
LOC400581	BC060883_bp983_R	AGCTAAAAGGGCAGTGTACTAAGAATTTGATCTCTTGAATCAAATTCTTAGTACACTGCCGG	Hs.579269	4536	0.279825	0.37616872	0.209858797				1.4999							
LOC400581	BC060883_bp983_R	AGCTAAAAGGGCAGTGTACTAAGAATTTGATCTCTTGAATCAAATTCTTAGTACACTGCCGG	Hs.579269	9912	0.573	0.59009249	0.080462659											
LOC400581	BC060883_bp983_R	AGCTAAAAGGGCAGTGTACTAAGAATTTGATCTCTTGAATCAAATTCTTAGTACACTGCCGG	Hs.579269	15288	0.324625	0.31939764	0.129002954											
LOC51255	BG179750_bp211_R	AGCTAAAAAGCTCTCAGGCTGACAAATTCCTCTCTTGAAGGAATTTGTCAGCCTGAGAGCGGG	Hs.356187	4405	0.66825	1.5753397	0.332120707	0.3954	0.29909551	0.082611248	-0.11953333	0.57196011	0.713313424					
LOC51255	BG179750_bp211_R	AGCTAAAAAGCTCTCAGGCTGACAAATTCCTCTCTTGAAGGAATTTGTCAGCCTGAGAGCGGG	Hs.356187	9781	0.513	1.63995942	0.462814525	0.4853	0.57696694	0.137127797	-0.11653333	0.37025204	0.671125417					
LOC51255	BG179750_bp211_R	AGCTAAAAAGCTCTCAGGCTGACAAATTCCTCTCTTGAAGGAATTTGTCAGCCTGAGAGCGGG	Hs.356187	15157	0.5481	1.24222255	0.320581671	0.364025	0.49575206	0.196238961	-0.0777	0.61585118	0.816807484					
LOC51255	BG179750_bp406_R	AGCTAAAAGAATCCTCAATAAAGGTTTCTTCTCTTGAAAGAAACCTTTAATGAGGATTCGG	Hs.356187	4403	0.0915	0.12254977	0.535804674	-0.5779	0.27640525	0.023390348	-0.3486	0.4287993	0.260484973					
LOC51255	BG179750_bp406_R	AGCTAAAAGAATCCTCAATAAAGGTTTCTTCTCTTGAAAGAAACCTTTAATGAGGATTCGG	Hs.356187	9779	0.607525	0.67099103	0.090079631	-1.167366667	0.03746019	0.003775195	-0.03466667	0.88594436	0.933104265					
LOC51255	BG179750_bp406_R	AGCTAAAAGAATCCTCAATAAAGGTTTCTTCTCTTGAAAGAAACCTTTAATGAGGATTCGG	Hs.356187	15155	0.828225	0.63669197	0.030743669	-1.16705	0.7826494	0.023030819	-0.19186667	1.48331598	0.755211465					
LOC51255	BG179750_bp8_R	AGCTAAAAAGGCGTCCTATTTCGATGAACATCTTCGAATGTTCATCGAAATAGGACGCCCGG	Hs.356187	4401	0.435525	0.44222281	0.097758584	-0.307475	0.26536769	0.134128599	-0.3974	1.48726934	0.526170225					
LOC51255	BG179750_bp8_R	AGCTAAAAAGGCGTCCTATTTCGATGAACATCTTCGAATGTTCATCGAAATAGGACGCCCGG	Hs.356187	9777	0.4586	0.39959414	0.071720238	-0.40535	0.4289922	0.127964966	-0.29	1.39200028	0.621885356					
LOC51255	BG179750_bp8_R	AGCTAAAAAGGCGTCCTATTTCGATGAACATCTTCGAATGTTCATCGAAATAGGACGCCCGG	Hs.356187	15153	0.471325	0.6901857	0.172683863	-0.0554	0.63257988	0.873561384	-0.43886667	1.24216338	0.422916009					
LOC58489	AK092758_bp363_R	AGCTAAAAAGCTGGGAAATGCAAGATCGATCTCTTGAATCGATCTTTGCATTTCCCAGCCGG	Hs.459072	3844	-0.4504125	0.94717327	0.298393545				-0.2255	0.16678627	0.278223914					
LOC58489	AK092758_bp363_R	AGCTAAAAAGGCTGGGAAATGCAAGATCGATCTCTTGAATCGATCTTTGCATTTCCAGCCGG	Hs.459072	9220	-0.3986875	0.7239365	0.252387852				-0.184325	0.26792955	0.398874695					
LOC58489	AK092758_bp363_R	AGCTAAAAAGGCTGGGAAATGCAAGATCGATCTCTTGAATCGATCTTTGCATTTCCCAGCCGG	Hs.459072	14596	-0.4008625	0.72350331	0.249939144				-0.16605	0.27863334	0.448406933					
LOC58489	AK092758_bp452_R	AGCTAAAAAGGAGGAAGGCTCTTGCTCAAATCTCTTGAATTTGAGCAAGAGCCTTCCTCCGG	Hs.459072	3842	1.0966375	0.46124825	0.004147506				-0.648525	0.4424099	0.033818683					
LOC58489	AK092758_bp452_R	AGCTAAAAAGGAGGAAGGCTCTTGCTCAAATCTCTTGAATTTGAGCAAGAGCCTTCCTCCGG	Hs.459072	9218	1.3014875	0.3961433	0.001278401				-0.6253	0.45564756	0.040341791					
LOC58489	AK092758_bp452_R	AGCTAAAAAGGAGGAAGGCTCTTGCTCAAATCTCTTGAATTTGAGCAAGAGCCTTCCTCCGG	Hs.459072	14594	1.2614625	0.35012444	0.001078891				-0.535125	0.48386001	0.073254231					
LOC58489	AK092758_bp521_R	AGCTAAAAAGCAGACTCCCTCTTTGATAAATCTCTTGAATTTATCAAAGAGGGAGTCTGCGG	Hs.459072	4199	-0.6398375	0.27950747	0.012601704				0.08865	0.22635308	0.668131814					
LOC58489	AK092758_bp521_R	AGCTAAAAAGCAGACTCCCTCTTTGATAAATCTCTTGAATTTATCAAAGAGGGAGTCTGCGG	Hs.459072	9575	-0.5755625	0.32352852	0.023921768				0.08475	0.20008133	0.676297783					
LOC58489	AK092758_bp521_R	AGCTAAAAAGCAGACTCCCTCTTTGATAAATCTCTTGAATTTATCAAAGAGGGAGTCTGCGG	Hs.459072	14951	-0.6278875	0.30711077	0.015854876				0.0652	0.25127519	0.756025746					
LOC63929	NM_022098_bp1

LPP	AL833171_bp5419_R	AGCTAAAAGCTCTGGATAGTGGTTAAATCTCTTGAATTTAACCATCTCACAGAGCGG	Hs.444362	4694	-0.6538			-0.155975	0.12377904	0.586455969											
LPP	AL833171_bp5866_R	AGCTAAAAGCCAAGCACTTCCCTTAAATATCTCTTGAATATTTAAGGGAAGTGCTTGGCGG	Hs.444362	4696	-0.3760375	0.13430867	0.042735705	1.1378875	0.66142338	0.01536075											
LPP	AL833171_bp5866_R	AGCTAAAAGCCAAGCACTTCCCTTAAATATCTCTTGAATATTTAAGGGAAGTGCTTGGCGG	Hs.444362	10072	-0.2263625	0.1862844	0.186600083	0.8246875	0.46761633	0.019030104											
LPP	AL833171_bp5866_R	AGCTAAAAGCCAAGCACTTCCCTTAAATATCTCTTGAATATTTAAGGGAAGTGCTTGGCGG	Hs.444362	15448	-0.3003125	0.12808855	0.082123501	1.1355375	0.59441203	0.011349294											
LRMP	NM_006152_bp1780_R	AGCTAAAAGCCGGGTTAGTAAAGCAGTTGTCTCTTGAACAACTGCTTTACTAACCCGGCGG	Hs.124922	4929	0.0150375	0.43030024	0.945872315	-0.483626	0.52988297	0.118402232											
LRMP	NM_006152_bp1780_R	AGCTAAAAGCCGGGTTAGTAAAGCAGTTGTCTCTTGAACAACTGCTTTACTAACCCGGCGG	Hs.124922	10305	-0.1813125	0.41990277	0.422525125	-0.5276375	0.52444547	0.094779883											
LRMP	NM_006152_bp1780_R	AGCTAAAAGCCGGGTTAGTAAAGCAGTTGTCTCTTGAACAACTGCTTTACTAACCCGGCGG	Hs.124922	15681	-0.1534375	0.70805831	0.633830384	-0.3824	0.85385861	0.410012563											
LRMP	NM_006152_bp2223_R	AGCTAAAAAGGAAGCCAAGTCTTTCTGAAATCTCTTGAATTTCAGAAAGACTTGGCTTCCGG	Hs.124922	4931	0.0591125	0.77459323	0.86331417														
LRMP	NM_006152_bp2223_R	AGCTAAAAAGGAAGCCAAGTCTTTCTGAAATCTCTTGAATTTCAGAAAGACTTGGCTTCCGG	Hs.124922	10307	-0.1824625	0.49323307	0.464254006	-0.0783125	0.96979735	0.859039035											
LRMP	NM_006152_bp2223_R	AGCTAAAAAGGAAGCCAAGTCTTTCTGAAATCTCTTGAATTTCAGAAAGACTTGGCTTCCGG	Hs.124922	15683	-0.1075625	0.49241909	0.65988052	-0.570283333	1.39568999	0.424845751											
LRPPRC	NM_133259_bp1858_R	AGCTAAAAGGAGGAGCATTTGAGACAATATCTCTTGAATATTGTCTCAAATGCTCCTCCGG	Hs.368084	2805	1.12815	0.26278157	0.000687547				1.0606875	2.19943463	2.213108742								
LRPPRC	NM_133259_bp1858_R	AGCTAAAAGGAGGAGCATTTGAGACAATATCTCTTGAATATTGTCTCAAATGCTCCTCCGG	Hs.368084	8181	1.161375	0.31471785	0.000820737				1.0922875	2.19974017	0.201866254								
LRPPRC	NM_133259_bp1858_R	AGCTAAAAGGAGGAGCATTTGAGACAATATCTCTTGAATATTGTCTCAAATGCTCCTCCGG	Hs.368084	13557	1.141825	0.25701913	0.000641521				0.9994375	2.1533388	0.228136354								
LRPPRC	NM_133259_bp2978_R	AGCTAAAAGCTGATGCAGTCTGGAATAAATCTCTTGAATTTATTCCAGACTGCATCAGCGG	Hs.368084	2807	1.05615	0.88210135	0.029011316				0.0443625	0.57003102	0.756306326								
LRPPRC	NM_133259_bp2978_R	AGCTAAAAGCTGATGCAGTCTGGAATAAATCTCTTGAATTTATTCCAGACTGCATCAGCGG	Hs.368084	8183	1.0629	0.81526375	0.022427244				0.0277625	0.53623524	0.79495952								
LRPPRC	NM_133259_bp2978_R	AGCTAAAAGCTGATGCAGTCTGGAATAAATCTCTTGAATTTATTCCAGACTGCATCAGCGG	Hs.368084	13559	1.070575	0.84465891	0.024488922				0.0470875	0.54275484	0.742576816								
LRPPRC	NM_133259_bp3790_R	AGCTAAAAGGCCAATCAGTTTGCAATTTATCTCTTGAATAAATTGCAAACTGATTGGCCGG	Hs.368084	2803	-0.7376	0.62388031	0.157927999				0.2245375	0.60474869	0.371921375								
LRPPRC	NM_133259_bp3790_R	AGCTAAAAGGCCAATCAGTTTGCAATTTATCTCTTGAATAAATTGCAAACTGATTGGCCGG	Hs.368084	8179	-0.8569	0.29273515	0.017762442				0.0781875	0.50064859	0.646844525								
LRPPRC	NM_133259_bp3790_R	AGCTAAAAGGCCAATCAGTTTGCAATTTATCTCTTGAATAAATTGCAAACTGATTGGCCGG	Hs.368084	13555	-0.85865	0.55564451	0.099908086				-0.11685	0.34133623	0.78484399								
LRRFIP1	BX648107_bp1641_R	AGCTAAAAGGTCATACAGTGAAGATTGTATCTCTTGAATCACATCTTCACTGTATGACCGG	Hs.585145	4512	0.613375	1.0898399	0.2226496	0.288425	0.72631637	0.417674082	1.4179	0.7780535	0.010835382								
LRRFIP1	BX648107_bp1641_R	AGCTAAAAGGTCATACAGTGAAGATTGTATCTCTTGAATCACATCTTCACTGTATGACCGG	Hs.585145	9888	0.59075	1.19216564	0.271926789	0.304875	0.7970115	0.427868074	1.369066667	0.76576556	0.01198852								
LRRFIP1	BX648107_bp1641_R	AGCTAAAAGGTCATACAGTGAAGATTGTATCTCTTGAATCACATCTTCACTGTATGACCGG	Hs.585145	15264	0.63375	1.02024254	0.187230969	0.1657	0.72327116	0.634886493	1.579766667	1.31832278	0.029824753								
LRRFIP1	BX648107_bp4313_R	AGCTAAAAGAGGTTTGTTGTTACATCAATCTCTTGAATTGATGTAACAACAAACCTCCGG	Hs.585145	4508	0.3159	0.61571707	0.296075454	-0.802775	0.50100451	0.024654653	0.118366667	0.62881168	0.727822794								
LRRFIP1	BX648107_bp4313_R	AGCTAAAAGAGGTTTGTTGTTACATCAATCTCTTGAATTGATGTAACAACAAACCTCCGG	Hs.585145	9884	0.31805	0.57026872	0.26842768	-0.8984	0.43896011	0.012013323	0.118466667	0.43389512	0.68583825								
LRRFIP1	BX648107_bp4313_R	AGCTAAAAGAGGTTTGTTGTTACATCAATCTCTTGAATTGATGTAACAACAAACCTCCGG	Hs.585145	15260	0.685425	0.88528115	0.119756082	-0.85085	0.41706274	0.012987345	0.640366667	1.07702363	0.214178629								
LRRFIP1	BX648107_bp755_R	AGCTAAAAAGCTAGCAATGTAGAAGATAATCTCTTGAAATTATCTTCTACATTGCTAGCGG	Hs.585145	4510	0.739025	0.31785602	0.008917599	1.676	0.48395608	0.001318513	0.3905	1.09619582	0.431533524								
LRRFIP1	BX648107_bp755_R	AGCTAAAAAGCTAGCAATGTAGAAGATAATCTCTTGAAATTATCTTCTACATTGCTAGCGG	Hs.585145	9886	0.695175	0.48057529	0.027652149	1.7665	0.31267707	0.000344314	0.1777	0.63348834	0.605509672								
LRRFIP1	BX648107_bp755_R	AGCTAAAAAGCTAGCAATGTAGAAGATAATCTCTTGAAATTATCTTCTACATTGCTAGCGG	Hs.585145	15262	1.316325	1.05990882	0.027894549	2.2524	0.85220509	0.023812437	0.549366667	1.14716346	0.297408321								
LRRK1	NM_024652_bp3335_R	AGCTAAAAGGCCAACTCCTTGGTGATGTATCTCTTGAATACATCACCAAGGAGTTGGCCGG	Hs.513207	1920	0.3501	0.29906335	0.165187006														
LRRK1	NM_024652_bp3335_R	AGCTAAAAGGCCAACTCCTTGGTGATGTATCTCTTGAATACATCACCAAGGAGTTGGCCGG	Hs.513207	7296	0.372233333	0.34614847	0.163389804	-1.7084													
LRRK1	NM_024652_bp3335_R	AGCTAAAAGGCCAACTCCTTGGTGATGTATCTCTTGAATACATCACCAAGGAGTTGGCCGG	Hs.513207	12672	0.505033333	0.34338074	0.080963341	-1.5899													
LRRK1	NM_024652_bp3889_R	AGCTAAAAGCCGAGTCATTGCCGTCTTAATCTCCTTGAATTAAGACGGCAATGACTCGGCGG	Hs.513207	698	-0.410025	0.27351851	0.057478834	-0.146525	0.34808532	0.483404448											
LRRK1	NM_024652_bp3889_R	AGCTAAAAGCCGAGTCATTGCCGTCTTAATCTCCTTGAATTAAGACGGCAATGACTCGGCGG	Hs.513207	6074	-0.359375	0.26799313	0.082123635	0.058233333	0.40668354	0.825450178											
LRRK1	NM_024652_bp3889_R	AGCTAAAAGCCGAGTCATTGCCGTCTTAATCTCCTTGAATTAAGACGGCAATGACTCGGCGG	Hs.513207	11450	-0.592875	0.47112171	0.045080403	0.02025	0.29119112	0.91309963											
LRRK1	NM_024652_bp857_R	AGCTAAAAGCAGAGGATCTTTAATATTAATCTCTTGAATTAATATTAAAGATCTCTTCGCGG	Hs.513207	699	-0.487525	0.30496707	0.038513876	-0.889925	0.31146573	0.005877974											
LRRK1	NM_024652_bp857_R	AGCTAAAAGCAGAGGATCTTTAATATTAATCTCTTGAATTAATATTAAAGATCTCTTCGCGG	Hs.513207	6075	-0.5364	0.35396121	0.033754523	-0.77185	0.34995774	0.01267461											
LRRK1	NM_024652_bp857_R	AGCTAAAAGCAGAGGATCTTTAATATTAATCTCTTGAATTAATATTAAAGATCTCTTCGCGG	Hs.513207	11451	-0.441525	0.30420972	0.052663498	-0.76275	0.32630614	0.011542259											
LRRK2	NM_058513_bp2009_R	AGCTAAAAGACGCGTGTGATCAGAATAACATCTCTTGAATGTTATTCTGATCACACGCTCGG	Hs.187636	12776	-0.233066667	0.43366958	0.391703232	-0.544975	0.38422742	0.048705529											
LRRK2	NM_058513_bp2009_R	AGCTAAAAGACGCGTGTGATCAGAATAACATCTCTTGAATGTTATTCTGATCACACGCTCGG	Hs.187636	2024																	
LRRK2	NM_058513_bp2009_R	AGCTAAAAGACGCGTGTGATCAGAATAACATCTCTTGAATGTTATTCTGATCACACGCTCGG	Hs.187636	7400																	
LRRK2	NM_058513_bp6176_R	AGCTAAAAGCTATGGTTGAGAAATTAATCTCTTGAATTAATTTCTCAACCATAGGCCGG	Hs.187636	847	0.4159			0.300166667	0.82644879	0.498697407											
LRRK2	NM_058513_bp6176_R	AGCTAAAAGCTATGGTTGAGAAATTAATCTCTTGAATTAATTTCTCAACCATAGGCCGG	Hs.187636	6223	-0.00335	0.85920545	0.994161088	0.53245	0.71798448	0.16384624											
LRRK2	NM_058513_bp6176_R	AGCTAAAAGGCCTATGGTTGAGAAATTAATCTCTTGAATTAATTTCTCAACCATAGGCCGG	Hs.187636	11599	0.2905	0.21156635	0.330677243	0.569875	0.69963423	0.135247174											
LRRK2	NM_058513_bp6718_R	AGCTAAAAGCTGCTCCTTTGAAGATACTATCTCTTGAATAGTATCTTCAAAGGAGCAGCGG	Hs.187636	848	0.228975	0.47845919	0.35681146	0.168575	0.23106342	0.344968697											
LRRK2	NM_058513_bp6718_R	AGCTAAAAGCTGCTCCTTTGAAGATACTATCTCTTGAATAGTATCTTCAAAGGAGCAGCGG	Hs.187636	6224	0.2516	0.44746567	0.296520685	0.281625	0.16579856	0.117548801											
LRRK2	NM_058513_bp6718_R	AGCTAAAAGCTGCTCCTTTGAAGATACTATCTCTTGAATAGTATCTTCAAAGGAGCAGCGG	Hs.187636	11600	0.3826	0.5341315	0.177018982	0.305375	0.19973637	0.108241354											
LTK	NM_002344_bp1209_R	AGCTAAAAGACGAGGCATCTTCATATCTCTTGAATATGTAAGGATCTCATCTTCGG	Hs.434481	161	2.238975	5.80119439	0.364641836	-0.7812275	0.19035891	0.004750016											
LTK	NM_002344_bp1209_R	AGCTAAAAGAAGATGGAGTATCCTTCATATCTCTTGAATATGAAGGATATCTCATCTTCGG	Hs.434481	5537	3.765666667	5.31810945	0.157886726	-0.8023625	0.18911468	0.004244089											
LTK	NM_002344_bp1209_R	AGCTAAAAGAAGATGGAGTATCCTTCATATCTCTTGAATATGAAGGATATCTCATCTTCGG	Hs.434481	10913	4.011733333	5.65876887	0.157388941	-0.7950125	0.17376974	0.004050027											
LTK	NM_002344_bp1315_R	AGCTAAAAGTCCACTGCCCTTGAGAGACTTTCTCTGAAATGATCTCTCAAAGGGCCAGTGACCGG	Hs.434481	162	-0.10385	0.27066009	0.559780175	-0.1629875	0.18827564	0.332605341											
LTK	NM_002344_bp1315_R	AGCTAAAAGTCCACTGCCCTTGAGAGACTTTCTCTGAAATGATCTCTCAAAGGGCCAGTGACCGG	Hs.434481	5538	-0.093575	0.26813886	0.5967076	-0.1407875	0.20832828	0.408529859											
LTK	NM_002344_bp1315_R	AGCTAAAAGTCCACTGCCCTTGAGAGACTTTCTCTGAAATGATCTCTCAAAGGGCCAGTGACCGG	Hs.434481	10914	-0.014275	0.24003554	0.932016919	-0.1381625	0.21287084	0.419500484											
LTK	NM_002344_bp2258_R	AGCTAAAAAGGAGGGCATCTTCACATCCAATCTCTTGAATTGGATGTGAAGATGCCCTCCGG	Hs.434481	1691	8.5826			-0.0561	0.84117423	0.909920499											
LTK	NM_002344_bp2258_R	AGCTAAAAAGGAGGGCATCTTCACATCCAATCTCTTGAATTGGATGTGAAGATGCCCTCCGG	Hs.434481	7067	8.7851			-0.03515	0.83869935	0.943318577											
LTK	NM_002344_bp2258_R	AGCTAAAAAGGAGGGCATCTTCACATCCAATCTCTTGAATTGGATGTGAAGATGCCCTCCGG	Hs.434481	12443	9.0764			-0.06285	0.99256579	0.910642141											
LYKS	NM_001003787_bp1281_R	AGCTAAAAAGAACCACTCTTTCTCTCAAGCATCTCTTGAATGCTTGAAGAAAGAGTGGTTCGG	Hs.514402	5056	0.6251875	0.81771406	0.126573039	0.2121875	0.60257031	0.483146358											
LYKS	NM_001003787_bp1281_R	AGCTAAAAAGAACCACTCTTTCTCTCAAGCATCTCTTGAATGCTTGAAGAAAGAGTGGTTCGG	Hs.514402	10432	0.6291375	0.72031161	0.095623366	0.1093375	0.88483917	0.78830553											
LYKS	NM_001003787_bp1281_R	AGCTAAAAAGAACCACTCTTTCTCTCAAGCATCTCTTGAATGCTTGAAGAAAGAGTGGTTCGG	Hs.514402	15808	0.7038125	0.8057712	0.091152321	0.0929375	0.8547838	0.813782426											
LYKS	NM_001003787_bp1394_R	AGCTAAAAGTGGAATCTTTGGCCTGGTAATCTCTTGAATTACCAGGCCAAAGATTCCACGG	Hs.514402	5054	-0.5046125	1.12916184	0.318096848	0.0767625	0.77418057	0.831974403											
LYKS	NM_001003787_bp1394_R	AGCTAAAAGTGGAATCTTTGGCCTGGTAATCTCTTGAATTACCAGGCCAAAGATTCCACGG	Hs.514402	10430	-0.5616125	1.01603763	0.232417756	0.1502875	0.75864575	0.675005001											
LYKS	NM_001003787_bp1394_R	AGCTAAAAGTGGAATCTTTGGCCTGGTAATCTCTTGAATTACCAGGCCAAAGATTCCACGG	Hs.514402	15806	-0.074066667	0.70773132	0.83492275	0.1651875	0.72245671	0.632122269											
LYKS	NM_001003787_bp583_R	AGCTAAAAGAGCTGTGGGTGTGCACATCATCTCTTGAATGATGTGACAACCCACAGCTCGG	Hs.514402	5058	4.6859875	0.48818446	4.99E-06	1.499133333	0.62600001	0.0131112											
LYKS	NM_001003787_bp583_R	AGCTAAAAGAGCTGTGGGTGTGCACATCATCTCTTGAATGATGTGACAACCCACAGCTCGG	Hs.514402	10434	4.4213375	0.38676829	3.22E-06	1.532766667	0.63137317	0.012476168											
LYKS	NM_001003787_bp583_R	AGCTAAAAGAGCTGTGGGTGTGCACATCATCTCTTGAATGATGTGACAACCCACAGCTCGG	Hs.514402	15810	3.8148875	0.78529362	8.33E-05	1.1562875	0.5996273	0.010884614											
LYN	NM_002350_bp1462_R	AGCTAAAAAGCTAGAGTAATTGAAGATAATCTCTTGAAATTATCTTCAATTACTCTAGCGG	Hs.491767	1693				0.992575	1.53763905	0.283720396											
LYN	NM_002350_bp1462_R	AGCTAAAAAGCTAGAGTAATTGAAGATAATCTCTTGAAATTATCTTCAATTACTCTAGCGG	Hs.491767	12445				1.058225	1.6392503	0.281163993											
LYN	NM_002350_bp1462_R	AGCTAAAAAGCTAGAGTAATTGAAGATAATCTCTTGAAATTATCTTCAATTACTCTAGCGG	Hs.491767	7069				-0.2895													
LYN	NM_002350_bp1501_R	AGCTAAAAAGGTGCTAAGTTCCCTATTAAGCTCTCTTGAACTTAATAGGGAACTTAGCACCGG	Hs.491767	163	4.60505	2.58765727	0.023396468	1.2109125	2.00041052	0.209282182											
LYN	NM_002350_bp1501_R	AGCTAAAAAGGTGCTAAGTTCCCTATTAAGCTCTCTTGAACTTAATAGGGAACTTAGCACCGG	Hs.491767	5539	4.47605	2.72800867	0.028722905	1.2028125	2.06129455	0.223092353											
LYN	NM_002350_bp1501_R	AGCTAAAAGGTGCTAAGTTCCCTATTAAGCTCTCTTGAACTTAATAGGGAACTTAGCACCGG	Hs.491767	10915	4.5306	2.72023979	0.027719767	1.3572625	2.25457135	0.210387029											
LYN	NM_002350_bp743_R	AGCTAAAAAGCCGCTGGAGCTTTCCTTATTATCTCTTGAATAATAAGGAAAGCTCCAGCGCGGG	Hs.491767	164	-0.638675	0.35894965	0.019867676	-0.7963375	0.58522551	0.037002491											
LYN	NM_002350_bp743_R	AGCTAAAAAGCCGCTGGAGCTTTCCTTATTATCTCTTGAATAATAAGGAAAGCTCCAGCGCGGG	Hs.491767	5540	-0.70235	0.3673948	0.01457597	-0.6129875	0.42113151	0.040413587											
LYN	NM_002350_bp743_R	AGCTAAAAAGCCGCTGGAGCTTTCCTTATTATCTCTTGAATAATAAGGAAAGCTCCAGCGCGGG	Hs.491767	10916	-0.6274	0.34558078	0.01971123	-0.6135625	0.45196725	0.046476199											
LYPLAL1	CR593519_bp1170_R	AGCTAAAAAGCCGAGAAGTTGTTACTGGTATCTCTTGAATACCAGTAACAACTTCTCGGCGG	Hs.591419	4661	-0.2127																
LYPLAL1	CR593519_bp1170_R	AGCTAAAAAGCCGAGAAGTTGTTACTGGTATCTCTTGAATACCAGTAACAACTTCTCGGCGG	Hs.591419	10037	-0.0478																
LYPLAL1	CR593519_bp1170_R	AGCTAAAAAGCCGAGAAGTTGTTACTGGTATCTCTTGAATACCAGTAACAACTTCTCGGCGG	Hs.591419	15413	-0.424																
LYPLAL1	CR593519_bp360_R	AGCTAAAAAGGAGGATGCATGGCAATACATTTCTCTTGAAATGTATTGCCATGCATCCTCCGG	Hs.591419	4659	2.0129	1.29257665	0.011351754	0.797675	0.25543681	0.006389394	0.369433333	1.33823422	0.520160386								
LYPLAL1	CR593519_bp360_R	AGCTAAAAAGGAGGATGCATGGCAATACATTTCTCTTGAAATGTATTGCCATGCATCCTCCGG	Hs.591419	10035	2.12495	1.17229626	0.006305241	0.898575	0.62880188	0.03006888	0.176033333	1.40563427	0.764636568								
LYPLAL1	CR593519_bp360_R	AGCTAAAAAGGAGGATGCATGGCAATACATTTCTCTTGAAATGTATTGCCATGCATCCTCCGG	Hs.591419	15411	2.374475	2.17437397	0.03825365	1.135466667	0.42160935	0.014223407	0.2137	1.52798167	0.73515212								
LYPLAL1	CR593519_bp408_R	AGCTAAAAGCAGGAGTATTTGCTCTTTCTTCTCTTGAAAGAAAGAGCAAATACTCCTGCGG	Hs.591419	4657	-0.0775	1.10131271	0.868571288	-0.149925	0.31917651	0.454784576	-0.701	0.48029099	0.057200712								
LYPLAL1	CR593519_bp408_R	AGCTAAAAGCAGGAGTATTTGCTCTTTCTTCTCTTGAAAGAAAGAGCAAATACTCCTGCGG	Hs.591419	10033	0.357866667	0.85849248	0.407871041	-0.0766	0.46729465	0.754417351	-0.85293333	0.68956803	0.051973824								
LYPLAL1	CR593519_bp408_R	AGCTAAAAGCAGGAGTATTTGCTCTTTCTTCTCTTGAAAGAAAGAGCAAATACTCCTGCGG	Hs.591419	15409	0.156975	1.0852085	0.735277982	-0.098266667	0.6914473	0.792365039	-0.6046	0.71753015	0.139291286								
MADD	NM_003682_bp1326_R	AGCTAAAAGCCAGCTTCCTCTACAAATCTCTTGAATTTGTAGAGGAAGAAGCTGGCCGG	Hs.82548	1123	-0.223033333	0.16087838	0.281211733				-0.3407375	0.05133338	0.108155076								
MADD	NM_003682_bp1326_R	AGCTAAAAGCCAGCTTCCTCTACAAATCTCTTGAATTTGTAGAGGAAGAAGCTGGCCGG	Hs.82548	6499	-0.1343875	0.33222753	0.494006151				-0.2913625	0.03554943	0.157073438								
MADD	NM_003682_bp1326_R	AGCTAAAAGCCAGCTTCCTCTACAAATCTCTTGAATTTGTAGAGGAAGAAGCTGGCCGG	Hs.82548	11875	-0.1662875	0.32339996	0.397601553				-0.3335625	0.07525299	0.115965608								
MADD	NM_003682_bp3326_R	AGCTAAAAGACCCACTACTATAGTAAAGATATCTCTTGAATCTTTACTATAGTAGTGGGTCGG	Hs.82548	1124	-0.4821625	0.09465025	0.015666904				0.0076375	0.14811161	0.968813991								
MADD	NM_003682_bp3326_R	AGCTAAAAGACCCACTACTATAGTAAAGATATCTCTTGAATCTTTACTATAGTAGTGGGTCGG	Hs.82548	6500	-0.4767125	0.12407533	0.01802907				-0.0458375	0.14997572	0.815088579								
MADD	NM_003682_bp3326_R	AGCTAAAAGACCCACTACTATAGTAAAGATATCTCTTGAATCTTTACTATAGTAGTGGGTCGG	Hs.82548	11876	-0.4623125	0.10854124	0.01915213				-0.0417125	0.13713475	0.830322588								
MADD	NM_003682_bp4000_R	AGCTAAAAGCCCCATTCGTACTTCTGAAGTCTCTTGAACTTCAGAAGTACGAATGGGGCCGG	Hs.82548	1125	-0.5050875	0.25253529	0.026235107				-0.3355125	0.44277283	0.207449832								
MADD	NM_003682_bp4000_R	AGCTAAAAGCCCCATTCGTACTTCTGAAGTCTCTTGAACTTCAGAAGTACGAATGGGGCCGG	Hs.82548	6501	-0.4826375	0.20092502	0.023914415				-0.3734125	0.39099709	0.149539923								
MADD	NM_003682_bp4000_R	AGCTAAAAGCCCCATTCGTACTTCTGAAGTCTCTTGAACTTCAGAAGTACGAATGGGGCCGG	Hs.82548	11877	-0.5604625	0.23723441	0.016579901				-0.3829875	0.4068262	0.145699336								
MAF	AF055376_bp1071_R	AGCTAAAAAGGAAGACTACTACTGGATGACTCTCTTGAAGTCATCCAGTAGTAGTCTTCCGG	Hs.592063	3498	0.121	0.23348666	0.666557475				-0.503575	0.56130238	0.107465109								
MAF	AF055376_bp1071_R	AGCTAAAAAGGAAGACTACTACTGGATGACTCTCTTGAAGTCATCCAGTAGTAGTCTTCCGG	Hs.592063	8874	0.25885	0.28192347	0.396158188				-0.50395	0.53692683	0.100695219								
MAF	AF055376_bp1071_R	AGCTAAAAAGGAAGACTACTACTGGATGACTCTCTTGAAGTCATCCAGTAGTAGTCTTCCGG	Hs.592063	14250	0.4077	0.28029064	0.113730648				-0.496825	0.52247977	0.100743183								
MAF	AF055376_bp2922_R	AGCTAAAAGCTGGACATATATGGTATAATTCTCTTGAAATTATACCATATATGTCCAGCGG	Hs.592063	3500							-0.4415	0.34372843	0.087200613								
MAF	AF055376_bp2922_R	AGCTAAAAGCTGGACATATATGGTATAATTCTCTTGAAATTATACCATATATGTCCAGCGG	Hs.592063	8876							-0.34835	0.32766742	0.15352983								
MAF	AF055376_bp2922_R	AGCTAAAAGCTGGACATATATGGTATAATTCTCTTGAAATTATACCATATATGTCCAGCGG	Hs.592063	14252							-0.35715	0.32616937	0.144580763								
MAF	AF055376_bp3386_R	AGCTAAAAGCTCTGGGTTTCTAGTATATATACTCTTGAATATATACTAGAAACCCAGAGCGG	Hs.592063	3502	-0.5274625	0.42095213	0.051924359				0.01635	0.33116563	0.941655859								
MAF	AF055376_bp3386_R	AGCTAAAAGCTCTGGGTTTCTAGTATATATACTCTTGAATATATACTAGAAACCCAGAGCGG	Hs.592063	8878	-0.4512875	0.34487231	0.059372479				0.0632	0.37459374	0.786269724								
MAF	AF055376_bp3386_R	AGCTAAAAGCTCTGGGTTTCTAGTATATATACTCTTGAATATATACTAGAAACCCAGAGCGG	Hs.592063	14254	-0.3907625	0.34213132	0.088205539				0.066175	0.33763448	0.769156175								
MAFB	NM_005461_bp1256_R	AGCTAAAAGAGAGACGCCTACAAGGTCAATCTCTTGAATTGACCTTGTAGGCGTCTTCTCGG	Hs.592148	3355	0.605525	0.06183649	0.083305361				0.3277			0.4815			-0.311	0.92843657	0.620444838		
MAFB	NM_005461_bp1256_R	AGCTAAAAGAGAGACGCCTACAAGGTCAATCTCTTGAATTGACCTTGTAGGCGTCTTCTCGG	Hs.592148	8731	0.95655	0.31522282	0.037441094				0.4301			0.5987			-0.3509	0.86002226	0.532992804		
MAFB	NM_005461_bp1256_R	AGCTAAAAGAGAGACGCCTACAAGGTCAATCTCTTGAATTGACCTTGTAGGCGTCTTCTCGG	Hs.592148	14107	0.625633333	0.55461358	0.089634768				0.4521			0.7897			-0.21513333	1.04985497	0.756577827		
MAFB	NM_005461_bp434_R	AGCTAAAAGGCCATGGAGTATGTCAACGATCTCTTGAATCGTTGACATACTCCATGGCCGG	Hs.592148	3353	0.022	0.30900595	0.905419579				-0.3373875	0.27783222	0.149937394	0.671325	0.7320149	0.163984704	1.0775	0.53106698	0.02697326		
MAFB	NM_005461_bp434_R	AGCTAAAAGGCCATGGAGTATGTCAACGATCTCTTGAATCGTTGACATACTCCATGGCCGG	Hs.592148	8729	-0.1468	0.13113852	0.338832753				-0.3938625	0.3174572	0.111601558	0.6189	0.55779094	0.1131368	1.064	0.56652625	0.03297523		
MAFB	NM_005461_bp434_R	AGCTAAAAGGCCATGGAGTATGTCAACGATCTCTTGAATCGTTGACATACTCCATGGCCGG	Hs.592148	14105	0.43015	0.75450332	0.235372368				-0.3398875	0.34937935	0.169138715	0.7011	0.59686094	0.10037041	1.09385	0.55960616	0.029735048		
MAFB	NM_005461_bp650_R	AGCTAAAAGGCGAGCAACTACCAGCAGCATTCTCTTGAAATCTGCTGGTAGTTGCTCGCCGG	Hs.592148	3357	1.0025	0.74675697	0.024747822				0.2143125	0.41001991	0.388000067	0.669275	1.35393505	0.395727616	0.33215	0.84825512	0.4906816		
MAFB	NM_005461_bp650_R	AGCTAAAAGGCGAGCAACTACCAGCAGCATTCTCTTGAAATCTGCTGGTAGTTGCTCGCCGG	Hs.592148	8733	0.510375	0.51299735	0.083510266				0.1217625	0.38045803	0.

MAML3	NM_018717_bp847_R	AGCTAAAAGTGTGAATAATACTCCCAATATCTCTTGAATATTGGGAGTATTATTCACACGG	Hs.586165	3473	-0.444033333	0.2454862	0.086070382					-0.1431125	0.55970574	0.610349041	0.65975	0.70665722	0.158686481	0.76365	0.22806979	0.006793465	
MAML3	NM_018717_bp847_R	AGCTAAAAGTGTGAATAATACTCCCAATATCTCTTGAATATTGGGAGTATTATTCACACGG	Hs.586165	8849	-0.483233333	0.19016638	0.058181538					0.0128625	0.4042244	0.957063396	0.49725	0.62615673	0.21043423	0.632275	0.175202231	0.005483475	
MAML3	NM_018717_bp847_R	AGCTAAAAGTGTGAATAATACTCCCAATATCTCTTGAATATTGGGAGTATTATTCACACGG	Hs.586165	14225	-0.420466667	0.16903315	0.080092758					0.2642875	0.45582995	0.314139263	0.55145	0.66496818	0.19578238	0.713175	0.17208065	0.003678646	
MAP2	NM_031846_bp1321_R	AGCTAAAAGCCCAGCTACTGCCAAAGATATCTCTTGAATATCTTTGGCAGTAGCTGGGCGG	Hs.368281	3707	0.52085	0.48384909	0.070480888					1.43575	0.24000923	0.001880613							
MAP2	NM_031846_bp1321_R	AGCTAAAAGCCCAGCTACTGCCAAAGATATCTCTTGAATATCTTTGGCAGTAGCTGGGCGG	Hs.368281	9083	-0.0812	0.16406649	0.597232122					0.8507625	0.51692354	0.015507166							
MAP2	NM_031846_bp1321_R	AGCTAAAAGCCCAGCTACTGCCAAAGATATCTCTTGAATATCTTTGGCAGTAGCTGGGCGG	Hs.368281	14459	0.292025	0.68638807	0.367901207					-0.06395	0.37922137	0.858955766							
MAP2	NM_031846_bp1811_R	AGCTAAAAGACCGAACCATCTGCATTAATTCTCTTGAAATTAATGCAGATGGTTCGGTCGG	Hs.368281	3703	-0.223766667	0.89335062	0.605974282					0.6247625	1.00285705	0.164413301							
MAP2	NM_031846_bp1811_R	AGCTAAAAGACCGAACCATCTGCATTAATTCTCTTGAAATTAATGCAGATGGTTCGGTCGG	Hs.368281	9079	-0.819925	0.61435155	0.028918361					0.1338125	0.75572509	0.690728355							
MAP2	NM_031846_bp1811_R	AGCTAAAAGACCGAACCATCTGCATTAATTCTCTTGAAATTAATGCAGATGGTTCGGTCGG	Hs.368281	14455	-0.36625	0.7570814	0.304123384					-0.2306625	0.25721249	0.295339698							
MAP2	NM_031846_bp5404_R	AGCTAAAAGGGGCCGAAATGTACAAATTGTCTCTTGAACAATTTGTACATTTCCGCCCCGG	Hs.368281	3705	-1.76565	0.38244339	0.000279907					-0.4644375	0.15429678	0.047952744							
MAP2	NM_031846_bp5404_R	AGCTAAAAGGGGCCGAAATGTACAAATTGTCTCTTGAACAATTTGTACATTTCCGCCCCGG	Hs.368281	9081	-1.69975	0.34602222	0.000259111					-0.4634625	0.04922617	0.042309414							
MAP2	NM_031846_bp5404_R	AGCTAAAAGGGGCCGAAATGTACAAATTGTCTCTTGAACAATTTGTACATTTCCGCCCCGG	Hs.368281	14457	-1.72955	0.4179941	0.000395702					-0.4640625	0.07283311	0.042914631							
MAP2K1	NM_002755_bp1055_R	AGCTAAAAGAGTGTTCAGTCTGGAATTTCTCTCTTGAAGAAATTCCAGACTGAACACTCGG	Hs.145442	269	2.2291			0.4635625	0.41086213	0.086148024											
MAP2K1	NM_002755_bp1055_R	AGCTAAAAGAGTGTTCAGTCTGGAATTTCTCTCTTGAAGAAATTCCAGACTGAACACTCGG	Hs.145442	5645	2.3702			0.6445875	0.25688368	0.014324289											
MAP2K1	NM_002755_bp1055_R	AGCTAAAAGAGTGTTCAGTCTGGAATTTCTCTCTTGAAGAAATTCCAGACTGAACACTCGG	Hs.145442	11021	2.8417			0.5805375	0.27923405	0.023381175											
MAP2K1	NM_002755_bp514_R	AGCTAAAAGAGGGTCTCTGGATCAAGTCTCTCTTGAAGACTTGATCCAGAGAACCTCCGG	Hs.145442	270	0.899625	0.46296339	0.009537478	0.6238875	0.44872546	0.043518658											
MAP2K1	NM_002755_bp514_R	AGCTAAAAGGAGGTTCTCTGGATCAAGTCTCTCTTGAAGACTTGATCCAGAGAACCTCCGG	Hs.145442	5646	0.999175	0.49301097	0.007393804	0.6196125	0.47722192	0.050465368											
MAP2K1	NM_002755_bp514_R	AGCTAAAAGGAGGTTCTCTGGATCAAGTCTCTCTTGAAGACTTGATCCAGAGAACCTCCGG	Hs.145442	11022	0.972025	0.45608491	0.006685497	0.7062625	0.49625427	0.036698377											
MAP2K2	NM_030662_bp1197_R	AGCTAAAAGCATGGCCATCTTTGAACTCTCTCTCTGAAGAGTTCAAAGATGGCCATGGCGG	Hs.465627	706	-0.5893	0.25668187	0.01521923	-0.210725	0.59430187	0.48154198											
MAP2K2	NM_030662_bp1197_R	AGCTAAAAGCCATGGCCATCTTTGAACTCTCTCTCTGAAGAGTTCAAAGATGGCCATGGCGG	Hs.465627	6082	-0.810975	0.78016463	0.056321909	-0.134925	0.62127601	0.657574172											
MAP2K2	NM_030662_bp1197_R	AGCTAAAAGCCATGGCCATCTTTGAACTCTCTCTCTGAAGAGTTCAAAGATGGCCATGGCGG	Hs.465627	11458	-0.774625	0.79684094	0.06805066	-0.11825	0.62277602	0.697412473											
MAP2K2	NM_030662_bp444_R	AGCTAAAAGTCGGCGAACTCAAAGACGATTCTCTTGAAATCGTCTTTGAGTTCGCCGACGG	Hs.465627	1937	-0.125	0.02828427	0.633068695	-0.436	0.32607605	0.129805554											
MAP2K2	NM_030662_bp444_R	AGCTAAAAGTCGGCGAACTCAAAGACGATTCTCTTGAAATCGTCTTTGAGTTCGCCGACGG	Hs.465627	7313	0.33745	0.09835855	0.252753096	0.035													
MAP2K2	NM_030662_bp444_R	AGCTAAAAGTCGGCGAACTCAAAGACGATTCTCTTGAAATCGTCTTTGAGTTCGCCGACGG	Hs.465627	12689	0.28415	0.10443967	0.320733432	0.29995	0.28644896	0.371338872											
MAP2K2	NM_030662_bp510_R	AGCTAAAAGTCACCAAAGTCCAGCACAGATCTCTGAATCTGTGCTGGACTTTGGTGACGG	Hs.465627	12691																	
MAP2K3	NM_145110_bp406_R	AGCTAAAAGCAGGGGACATTGATGTCAAGTCTCTTGAACTTGACATCAATGTCCCCTGCGG	Hs.514012	690	0.69565	0.78170374	0.087787769	-0.236525	0.21350968	0.195563363											
MAP2K3	NM_145110_bp406_R	AGCTAAAAGCAGGGGACATTGATGTCAAGTCTCTTGAACTTGACATCAATGTCCCCTGCGG	Hs.514012	6066	0.7367	0.73074581	0.063737947	-0.112925	0.16086308	0.474493904											
MAP2K3	NM_145110_bp406_R	AGCTAAAAGCAGGGGACATTGATGTCAAGTCTCTTGAACTTGACATCAATGTCCCCTGCGG	Hs.514012	11442	0.750525	0.7195086	0.058049681	-0.097875	0.17196867	0.537917272											
MAP2K3	NM_145110_bp763_R	AGCTAAAAGCTCGACTGTTTCTACACTGTTCTCTTGAAACAGTGTAGAAACAGTCGACCGG	Hs.514012	691	-0.127925	0.28891823	0.487730087	-0.319225	0.26098993	0.121213108											
MAP2K3	NM_145110_bp763_R	AGCTAAAAGCTCGACTGTTTCTACACTGTTCTCTTGAAACAGTGTAGAAACAGTCGACCGG	Hs.514012	6067	0.226375	0.18927897	0.187986014	0.204575	0.2004361	0.24432918											
MAP2K3	NM_145110_bp763_R	AGCTAAAAGCTCGACTGTTTCTACACTGTTCTCTTGAAACAGTGTAGAAACAGTCGACCGG	Hs.514012	11443	0.507475	0.40162909	0.053609234	0.349825	0.29036567	0.108788217											
MAP2K3	NM_145110_bp912_R	AGCTAAAAGGGAGATTGCTGTGTCTATCGTCTCTTGAACGATAGACACAGCAATCTCCCGG	Hs.514012	2173	0.158825	0.52906258	0.540587206	-0.154175	0.36532308	0.473539415											
MAP2K3	NM_145110_bp912_R	AGCTAAAAGGAGATTGCTGTGTCTATCGTCTCTTGAACGATAGACACAGCAATCTCCCGG	Hs.514012	7549	0.432275	0.55665088	0.145603943	-0.114575	0.34215405	0.575964849											
MAP2K3	NM_145110_bp912_R	AGCTAAAAGGGAGATTGCTGTGTCTATCGTCTCTTGAACGATAGACACAGCAATCTCCCGG	Hs.514012	12925	0.517625	0.76042953	0.167826749	0.244425	0.26339698	0.211706401											
MAP2K4	NM_003010_bp1197_R	AGCTAAAAGTCGCATCGTATGTTTGTAATCTCTTGAATTAACAAACATAGCATCGCGACCGG	Hs.514681	298	-1.2051	0.55903862	0.034535556	-0.779016667	1.27359702	0.262509434											
MAP2K4	NM_003010_bp1197_R	AGCTAAAAGTCGCATCGTATGTTTGTAATCTCTTGAATTAACAAACATAGCATCGCGACCGG	Hs.514681	5674	-1.1778	0.48634804	0.031188361	-0.715983333	1.17665926	0.265362671											
MAP2K4	NM_003010_bp1197_R	AGCTAAAAGTCGCATCGTATGTTTGTAATCTCTTGAATTAACAAACATAGCATCGCGACCGG	Hs.514681	11050	-1.19665	0.44611367	0.027379825	-0.58515	1.03641645	0.301117971											
MAP2K4	NM_003010_bp442_R	AGCTAAAAGGCAAATAATGGCAGTTAAATCTCTTGAATTTACTGCCATTATTTGCCCGG	Hs.514681	1538	10.1668			0.1424	3.99909107	0.676360953											
MAP2K4	NM_003010_bp442_R	AGCTAAAAGGCAAATAATGGCAGTTAAATCTCTTGAATTTACTGCCATTATTTGCCCGG	Hs.514681	6914	10.127			0.1729	3.35129065	0.601825112											
MAP2K4	NM_003010_bp442_R	AGCTAAAAGGCAAATAATGGCAGTTAAATCTCTTGAATTTACTGCCATTATTTGCCCGG	Hs.514681	12290	8.41935	2.48837947	0.003866263	0.15865	3.3205315	0.622263315											
MAP2K4	NM_003010_bp582_R	AGCTAAAAGGTGACTGTTGGATCTGTATTTCTCTTGAAATACAGATCCAACAGTCACCCGG	Hs.514681	1540	-1.3827																
MAP2K4	NM_003010_bp582_R	AGCTAAAAGGTGACTGTTGGATCTGTATTTCTCTTGAAATACAGATCCAACAGTCACCCGG	Hs.514681	6916	-1.3584			2.6821													
MAP2K4	NM_003010_bp582_R	AGCTAAAAGGTGACTGTTGGATCTGTATTTCTCTTGAAATACAGATCCAACAGTCACCCGG	Hs.514681	12292	-1.3468			2.3446													
MAP2K5	NM_145160_bp1307_R	AGCTAAAAGTGCGATTCATCATATATCATCTCTTGAAATGATATATGATGAATCGCACGG	Hs.114198	692				-4.6833													
MAP2K5	NM_145160_bp1307_R	AGCTAAAAGTGCGATTCATCATATATCATCTCTTGAAATGATATATGATGAATCGCACGG	Hs.114198	6068				-0.8754	5.34304026	0.744218406											
MAP2K5	NM_145160_bp1307_R	AGCTAAAAGTGCGATTCATCATATATCATCTCTTGAAATGATATATGATGAATCGCACGG	Hs.114198	11444				-1.22575	5.29743187	0.648908767											
MAP2K5	NM_145160_bp1389_R	AGCTAAAAGGGGGATCTTTGGATGTATATTCTCTTGAAATATACATCCAAAGATCCCCCGG	Hs.114198	693	-0.947875	0.28850773	0.002583706	-0.802275	0.24613508	0.005909957											
MAP2K5	NM_145160_bp1389_R	AGCTAAAAGGGGGATCTTTGGATGTATATTCTCTTGAAATATACATCCAAAGATCCCCCGG	Hs.114198	6069	-0.849125	0.26731409	0.003646398	-0.49905	0.21684198	0.028189804											
MAP2K5	NM_145160_bp1389_R	AGCTAAAAGGGGGATCTTTGGATGTATATTCTCTTGAAATATACATCCAAAGATCCCCCGG	Hs.114198	11445	-0.773125	0.2588815	0.005166063	-0.317725	0.16911456	0.088159616											
MAP2K5	NM_145160_bp1873_R	AGCTAAAAGCCACAGACAATTGATCTCTTGAATCCAAATGTCAGACTTCACACGG	Hs.114198	694	-0.1061	0.43345515	0.684835591	0.086725	0.47862014	0.727943843											
MAP2K5	NM_145160_bp1873_R	AGCTAAAAGCCACAGACAATTGATCTCTTGAATCCAAATGTCAGGTGCTGGCCGG	Hs.114198	6070	-0.073133333	0.42123325	0.775170711	0.23345	0.39093134	0.312349116											
MAP2K5	NM_145160_bp1873_R	AGCTAAAAGCCACAGACAATTGATCTCTTGAATCCAAATGTCAGGTGCTGGCCGG	Hs.114198	11446	-0.05445	0.42967768	0.806213761	0.2355	0.48048002	0.366792146											
MAP2K6	NM_002758_bp1044_R	AGCTAAAAGTGTGAAGTCTGACATTTGGATCTCTTGAATCCAAATGTCAGACTTCACACGG	Hs.463978	1873	1.290175	1.56247739	0.090941868	-0.0335375	0.27209978	0.852456821											
MAP2K6	NM_002758_bp1044_R	AGCTAAAAGTGTGAAGTCTGACATTTGGATCTCTTGAATCCAAATGTCAGACTTCACACGG	Hs.463978	7249	1.251625	1.59940234	0.10427296	-0.0455125	0.3345697	0.819290928											
MAP2K6	NM_002758_bp1044_R	AGCTAAAAGTGTGAAGTCTGACATTTGGATCTCTTGAATCCAAATGTCAGACTTCACACGG	Hs.463978	12625	1.2831	1.60064358	0.098027615	-0.0404375	0.270347	0.822253715											
MAP2K6	NM_002758_bp448_R	AGCTAAAAGGCCTTGCATTTCTATTGGAAATCTCTTGAATTTCCAATAGAAATGCAAGCCGG	Hs.463978	1875	-0.4119	1.10846059	0.477516662	-1.38665	1.25546809	0.126287732											
MAP2K6	NM_002758_bp448_R	AGCTAAAAGGCCTTGCATTTCTATTGGAAATCTCTTGAATTTCCAATAGAAATGCAAGCCGG	Hs.463978	7251	-0.4466	1.04001265	0.424489191	-1.35035	1.1853231	0.121393182											
MAP2K6	NM_002758_bp448_R	AGCTAAAAGGCCTTGCATTTCTATTGGAAATCTCTTGAATTTCCAATAGAAATGCAAGCCGG	Hs.463978	12627	-0.5217	1.08441896	0.37356666	-1.1761	1.04015408	0.129049369											
MAP2K6	NM_002758_bp488_R	AGCTAAAAGCAGATGACCTGGAGCCTATATCTCTTGAATATAGGCTCCAGGTCATCTGCGG	Hs.463978	271	-0.447433333	0.1607524	0.066832377	0.6581875	1.13146401	0.234496666											
MAP2K6	NM_002758_bp488_R	AGCTAAAAGCAGATGACCTGGAGCCTATATCTCTTGAATATAGGCTCCAGGTCATCTGCGG	Hs.463978	5647	-0.4299	0.06368587	0.063379796	0.6657875	1.09180189	0.217121493											
MAP2K6	NM_002758_bp488_R	AGCTAAAAGCAGATGACCTGGAGCCTATATCTCTTGAATATAGGCTCCAGGTCATCTGCGG	Hs.463978	11023	-0.351033333	0.10497473	0.110984216	0.6541875	1.0552205	0.211842803											
MAP2K7	NM_145185_bp1166_R	AGCTAAAAGAGACCAAAGTATAATAAGCTTCTCTTGAAAGCTTATTATACTTTGGTCTCGG	Hs.531754	2175	-0.6194	0.21936629	0.030561292	-0.3961	0.40573787	0.300732886											
MAP2K7	NM_145185_bp1166_R	AGCTAAAAGAGACCAAAGTATAATAAGCTTCTCTTGAAAGCTTATTATACTTTGGTCTCGG	Hs.531754	7551	-0.9438	0.31305094	0.010780757	-0.8231													
MAP2K7	NM_145185_bp1166_R	AGCTAAAAGAGACCAAAGTATAATAAGCTTCTCTTGAAAGCTTATTATACTTTGGTCTCGG	Hs.531754	12927	-0.8751	0.46280425	0.025300847														
MAP2K7	NM_145185_bp498_R	AGCTAAAAGTCATTGCCGTTAAGCAAATGTCTCTTGAACATTTGCTTAACGGCAATGACGG	Hs.531754	695	1.769025	0.94424113	0.005971536	0.700575	0.2629109	0.010926472											
MAP2K7	NM_145185_bp498_R	AGCTAAAAGTCATTGCCGTTAAGCAAATGTCTCTTGAACATTTGCTTAACGGCAATGACGG	Hs.531754	6071	1.765625	0.97840143	0.006866432	0.716925	0.23292675	0.008430264											
MAP2K7	NM_145185_bp498_R	AGCTAAAAGTCATTGCCGTTAAGCAAATGTCTCTTGAACATTTGCTTAACGGCAATGACGG	Hs.531754	11447	1.833675	0.92424155	0.004739089	0.849075	0.23019084	0.004298071											
MAP2K7	NM_145185_bp711_R	AGCTAAAAGAGCGCATTCTGGGCAAGATGTCTCTTGAACATCTTGCCCAGAATGCGCTCGG	Hs.531754	696	0.5421	0.45785854	0.056200866	0.1305	0.48541956	0.607398463											
MAP2K7	NM_145185_bp711_R	AGCTAAAAGAGCGCATTCTGGGCAAGATGTCTCTTGAACATCTTGCCCAGAATGCGCTCGG	Hs.531754	11448	0.620925	0.30569153	0.016406299	0.627025	0.55786234	0.067670413											
MAP2K7	NM_145185_bp711_R	AGCTAAAAGAGCGCATTCTGGGCAAGATGTCTCTTGAACATCTTGCCCAGAATGCGCTCGG	Hs.531754	6072	0.5291	0.20176691	0.01713795	0.912466667	0.58317525	0.047996643											
MAP3K1	XM_042066_bp2420_R	AGCTAAAAGCCGCCTTTGTCTTATAGATATCTCTTGAATATCTATAAGACAAAGGCGGCGG		841	-0.760066667	0.73212447	0.089977399	-1.985866667	1.73138618	0.071150767											
MAP3K1	XM_042066_bp2420_R	AGCTAAAAGCCGCCTTTGTCTTATAGATATCTCTTGAATATCTATAAGACAAAGGCGGCGG		6217	-0.585766667	0.68421156	0.145471694	-1.506066667	1.50357421	0.100081947											
MAP3K1	XM_042066_bp2420_R	AGCTAAAAGCCGCCTTTGTCTTATAGATATCTCTTGAATATCTATAAGACAAAGGCGGCGG		11593	-0.4544	0.86366022	0.361478825	-1.539833333	1.58167874	0.106013927											
MAP3K1	XM_042066_bp3949_R	AGCTAAAAGGAACTTTAATGGCTGTTAAATCTCTTGAATTTAACAGCCATTAAAGTTCCGG		2020	-0.689775	0.25974113	0.008330456	-0.6939	0.43932491	0.02965912											
MAP3K1	XM_042066_bp3949_R	AGCTAAAAGGAACTTTAATGGCTGTTAAATCTCTTGAATTTAACAGCCATTAAAGTTCCGG		7396	-0.70685	0.37641258	0.014972486	-0.708625	0.38765424	0.015760676											
MAP3K1	XM_042066_bp3949_R	AGCTAAAAGGAACTTTAATGGCTGTTAAATCTCTTGAATTTAACAGCCATTAAAGTTCCGG		12772	-0.246025	1.17292109	0.624119567	-0.735525	0.40944771	0.020914194											
MAP3K1	XM_042066_bp634_R	AGCTAAAAGGTCGTGAGATGGAGAATAAATCTCTTGAATTTATTCTCCATCTCACGACCGG		842	-0.0108			-0.0108													
MAP3K1	XM_042066_bp634_R	AGCTAAAAGGTCGTGAGATGGAGAATAAATCTCTTGAATTTATTCTCCATCTCACGACCGG		6218	-0.1486	0.14578909	0.340274896	0.322433333	0.20682709	0.177826833											
MAP3K1	XM_042066_bp634_R	AGCTAAAAGGTCGTGAGATGGAGAATAAATCTCTTGAATTTATTCTCCATCTCACGACCGG		11594				0.1135	0.05331585	0.681726676											
MAP3K10	NM_002446_bp1716_R	AGCTAAAAGCCCTCTGGCTTTGAGCATAATCTCTTGAATTATGCTCAAAGCCAGAGGGCCGG	Hs.466743	168	-0.584	0.44975578	0.042919858	0.0363375	0.32459267	0.852835502											
MAP3K10	NM_002446_bp1716_R	AGCTAAAAGCCCTCTGGCTTTGAGCATAATCTCTTGAATTATGCTCAAAGCCAGAGGGCCGG	Hs.466743	5544	-0.5646	0.44108922	0.045958357	0.0844125	0.37541665	0.692930149											
MAP3K10	NM_002446_bp1716_R	AGCTAAAAGCCCTCTGGCTTTGAGCATAATCTCTTGAATTATGCTCAAAGCCAGAGGGCCGG	Hs.466743	10920	-0.5339	0.54292109	0.082462877	0.1051375	0.27024209	0.565784295											
MAP3K10	NM_002446_bp903_R	AGCTAAAAGGGCATGAACTACCTACACAATCTCTTGAATTGTGTAGGTAGTTCATGCCCGG	Hs.466743	181	0.496575	0.39202347	0.054866005	1.1887625	0.73543168	0.017969543											
MAP3K10	NM_002446_bp903_R	AGCTAAAAGGGCATGAACTACCTACACAATCTCTTGAATTGTGTAGGTAGTTCATGCCCGG	Hs.466743	5557	0.532	0.47665134	0.06436651	1.1586375	0.75605141	0.021331389											
MAP3K10	NM_002446_bp903_R	AGCTAAAAGGGCATGAACTACCTACACAATCTCTTGAATTGTGTAGGTAGTTCATGCCCGG	Hs.466743	10933	0.56675	0.47007639	0.051730467	1.2367325	0.7546147	0.016883088											
MAP3K10	NM_002446_bp951_R	AGCTAAAAGGACCTTCAAGTCCATCAACATTCTCTTGAATGTTGATGGACTTGAGGTCCGG	Hs.466743	182	0.84615	0.79513762	0.051949094	0.9448875	0.52023902	0.015360463											
MAP3K10	NM_002446_bp951_R	AGCTAAAAGGACCTTCAAGTCCATCAACATTCTCTTGAATGTTGATGGACTTGAGGTCCGG	Hs.466743	5558	0.881375	0.78684561	0.044422194	0.9466625	0.57684584	0.020060234											
MAP3K10	NM_002446_bp951_R	AGCTAAAAGGACCTTCAAGTCCATCAACATTCTCTTGAATGTTGATGGACTTGAGGTCCGG	Hs.466743	10934	0.905525	0.85609386	0.051247647	0.9673375	0.52943988	0.01478558											
MAP3K11	NM_002419_bp1484_R	AGCTAAAAGCCTATGGCGTAGCTGTTAACTTCTCTTGAAGTTAACAGCTACGCCATAGGCGG	Hs.502872	1701	-0.974866667	0.4359239	0.016005197	0.1273625	0.71966006	0.709610271											
MAP3K11	NM_002419_bp1484_R	AGCTAAAAGCCTATGGCGTAGCTGTTAACTTCTCTTGAAGTTAACAGCTACGCCATAGGCGG	Hs.502872	7077	-0.9854	0.45773244	0.016867959	0.1134875	0.82128788	0.766252607											
MAP3K11	NM_002419_bp1484_R	AGCTAAAAGCCTATGGCGTAGCTGTTAACTTCTCTTGAAGTTAACAGCTACGCCATAGGCGG	Hs.502872	12453	-1.005733333	0.50549715	0.01906462	0.1196125	0.69034535	0.717197641											
MAP3K11	NM_002419_bp1657_R	AGCTAAAAGCGGGACTCCTTCCATTCCATTCTCTTGAAATGGAATGGAAGGAGTCCCGCGG	Hs.502872	1703	-3.3116	2.76395275	0.043516226														
MAP3K11	NM_002419_bp1657_R	AGCTAAAAGCGGGACTCCTTCCATTCCATTCTCTTGAAATGGAATGGAAGGAGTCCCGCGG	Hs.502872	7079	-3.837733333	3.60358312	0.059992753	8.6249													
MAP3K11	NM_002419_bp1657_R	AGCTAAAAGCGGGACTCCTTCCATTCCATTCTCTTGAAATGGAATGGAAGGAGTCCCGCGG	Hs.502872	12455	-3.767	3.54449097	0.060369204	8.989													
MAP3K11	NM_002419_bp2262_R	AGCTAAAAGGTACCTGGATTCAGATGACTTTCTCTTGAAAGTCATCTGAATCCAGGTACCGG	Hs.502872	1729				-0.005													
MAP3K11	NM_002419_bp2262_R	AGCTAAAAGGTACCTGGATTCAGATGACTTTCTCTTGAAAGTCATCTGAATCCAGGTACCGG	Hs.502872	7105				0.721													
MAP3K11	NM_002419_bp2262_R	AGCTAAAAGGTACCTGGATTCAGATGACTTTCTCTTGAAAGTCATCTGAATCCAGGTACCGG	Hs.502872	12481				0.4324													
MAP3K12	NM_006301_bp1534_R	AGCTAAAAGCCTCCTCGCATGGAAACACAATCTCTTGAATTGTGTTTCCATGCAGGAGGCGG	Hs.211601	515	-0.349075	0.97248985	0.420095089	0.3907	1.54052064	0.607265555											
MAP3K12	NM_006301_bp1534_R	AGCTAAAAGCCTCCTCGCATGGAAACACAATCTCTTGAATTGTGTTTCCATGCAGGAGGCGG	Hs.211601	5891	-0.40285	1.12791522	0.416289134	0.448966667	1.50956308	0.556187943											
MAP3K12	NM_006301_bp1534_R	AGCTAAAAGCCTCCTCGCATGGAAACACAATCTCTTGAATTGTGTTTCCATGCAGGAGGCGG	Hs.211601	11267	-0.401575	1.12744696	0.417500037	0.3639	1.64052526	0.650347675											
MAP3K12	NM_006301_bp1632_R	AGCTAAAAGTCTTTGCTCCCTAAACTATCTCTTGAATAGTTTAGGGAGCAAAGACTCGG	Hs.211601	516	0.58675	1.79938008	0.444704644	-1.478	2.03725022	0.187981076											
MAP3K12	NM_006301_bp1632_R	AGCTAAAAGTCTTTGCTCCCTAAACTATCTCTTGAATAGTTTAGGGAGCAAAGACTCGG	Hs.211601	5892	1.312975	3.19032436	0.338139447	-3.813833333	2.55356373	0.034067143											
MAP3K12	NM_006301_bp1632_R	AGCTAAAAGAGTCTTTGCTCCCTAAACTATCTCTTGAATAGTTTAGGGAGCAAAGACTCGG	Hs.211601	11268	1.278125	3.15740731	0.345413969	-3.565966667	2.92116535	0.058383812											
MAP3K12	NM_006301_bp452_R	AGCTAAAAGAGGGTCCCCTTTGAGGAAATTTCTCTTGAAATTTCCTCAAAGGGGACCTCCGG	Hs.211601	529	0.188575	1.18830379	0.709049518	-0.3834	1.70652975	0.645661901											
MAP3K12	NM_006301_bp452_R	AGCTAAAAGAGGGTCCCCTTTGAGGAAATTTCTCTTGAAATTTCCTCAAAGGGGACCTCCGG	Hs.211601	5905	-0.240025	1.40820067	0.685815876	-0.341666667	1.54982655	0.653286877											
MAP3K12	NM_006301_bp452_R	AGCTAAAAGAGGGTCCCCTTTGAGGAAATTTCTCTTGAAATTTCCTCAAAGGGGACCTCCGG	Hs.211601	11281	-0.171725	1.32170534	0.757773833	-0.826133333	1.64714443	0.33424565											
MAP3K14	NM_003954_bp1367_R	AGCTAAAAGGTGTCCTGCTCACTGAGAAATCTCTTGAATTTCTCAGTGAGCAGGACACCGG	Hs.404183	1690	-0.922275	1.41753828	0.162246434	0.38305	0.40630165	0.202945524											
MAP3K14	NM_003954_bp1367_R	AGCTAAAAGGTGTCCTGCTCACTGAGAAATCTCTTGAATTTCTCAGTGAGCAGGACACCGG	Hs.404183	7066	-0.85005	1.36172424	0.177537858	0.27445	0.5280248	0.398493675											
MAP3K14	NM_003954_bp1367_R	AGCTAAAAGGTGTCCTGCTCACTGAGAAATCTCTTGAATTTCTCAGTGAGCAGGACACCGG	Hs.404183	12442	-0.864175	1.40968946	0.183406137	0.39035	0.41158548	0.198709434											
MAP3K14	NM_003954_bp2229_R	AGCTAAAAGGGGAGAATATAAAGAACCAATCTCTTGAATTGGTTCTTTATATTCTCCCCGG	Hs.404183	230	2.60775	0.90177572	0.000897917	0.7508625	0.44547755	0.023489156											
MAP3K14	NM_003954_bp2229_R	AGCTAAAAGGGGAGAATATAAAGAACCAATCTCTTGAATTGGTTCTTTATATTCTCCCCGG	Hs.404183	5606	2.65025	0.90698274	0.00085302

MAP3K5	NM_005923_bp2190_R	AGCTAAAAAGGGGAGTGAGTATTTCTAAATTCTCTTGAAATTTAGAAATACTCACTCCCCCGG	Hs.186486	7099	0.716525	0.72823166	0.068542731	-1.749166667	3.86416137	0.368171145						
MAP3K5	NM_005923_bp2190_R	AGCTAAAAAGGGGAGTGAGTATTTCTAAATTCTCTTGAAATTTAGAAATACTCACTCCCCCGG	Hs.186486	12475	1.2064	0.28761635	0.000862729	-1.809966667	3.89912176	0.357522341						
MAP3K5	NM_005923_bp2190_R	AGCTAAAAAGGGGAGTGAGTATTTCTAAATTCTCTTGAAATTTAGAAATACTCACTCCCCCGG	Hs.186486	1723	0.81945	0.27796368	0.05160398									
MAP3K5	NM_005923_bp2777_R	AGCTAAAAAGTGACAATGTGTTGATTAATCTCTTGAAATTAATCAACACATTGTCACCGG	Hs.186486	458	-0.339275	0.1731351	0.261504262									
MAP3K5	NM_005923_bp2777_R	AGCTAAAAAGTGACAATGTGTTGATTAATCTCTTGAAATTAATCAACACATTGTCACCGG	Hs.186486	5834	-0.55055	1.82737966	0.477934116	0.0503	1.50760816	0.945025131						
MAP3K5	NM_005923_bp2777_R	AGCTAAAAAGTGACAATGTGTTGATTAATCTCTTGAAATTAATCAACACATTGTCACCGG	Hs.186486	11210	-0.577425	1.99175871	0.492806441	-0.045166667	1.42741717	0.948041027						
MAP3K5	NM_005923_bp2900_R	AGCTAAAAGCACCAGAAATAATAGATAAATCTCTTGAATTTATCTATTATTTCTGGTGCGG	Hs.186486	1725	0.45185	3.39526397	0.761913173	-4.4308								
MAP3K5	NM_005923_bp2900_R	AGCTAAAAGCACCAGAAATAATAGATAAATCTCTTGAATTTATCTATTATTTCTGGTGCGG	Hs.186486	7101	1.045483333	5.41771241	0.661245922	1.16305	11.4686356	0.838096672						
MAP3K5	NM_005923_bp2900_R	AGCTAAAAGCACCAGAAATAATAGATAAATCTCTTGAATTTATCTATTATTTCTGGTGCGG	Hs.186486	12477	0.574216667	5.05456441	0.79480038	2.3889	9.50832347	0.621307779						
MAP3K6	NM_004672_bp1466_R	AGCTAAAAGCAGCACCTTTGAGGATTCCATCTCTTGAATGGAATCCTCAAAGTGCTGCCGG	Hs.194694	311	1.826975	3.81106972	0.271534348	-0.477633333	4.31523355	0.814759915						
MAP3K6	NM_004672_bp1466_R	AGCTAAAAGCAGCACCTTTGAGGATTCCATCTCTTGAATGGAATCCTCAAAGTGCTGCCGG	Hs.194694	5687	1.9651	5.11713242	0.367049126	-1.170066667	7.42787003	0.609541736						
MAP3K6	NM_004672_bp1466_R	AGCTAAAAGCAGCACCTTTGAGGATTCCATCTCTTGAATGGAATCCTCAAAGTGCTGCCGG	Hs.194694	11063	2.548625	6.3425395	0.346808719	-1.685366667	5.25869348	0.510074505						
MAP3K7	NM_003188_bp1811_R	AGCTAAAAGGCACAAGAATATATGAAAGTTCTCTTGAAACTTTCATATATTCTTGTGCCGG	Hs.590889	320	-0.736175	0.82422504	0.085106518	-0.2339375	0.21493472	0.200502452						
MAP3K7	NM_003188_bp1811_R	AGCTAAAAGGCACAAGAATATATGAAAGTTCTCTTGAAACTTTCATATATTCTTGTGCCGG	Hs.590889	5696	-0.749425	0.90340088	0.100225257	-0.2105125	0.24680923	0.260765347						
MAP3K7	NM_003188_bp1811_R	AGCTAAAAGGCACAAGAATATATGAAAGTTCTCTTGAAACTTTCATATATTCTTGTGCCGG	Hs.590889	11072	-0.722475	0.85769377	0.097988356	-0.2391125	0.18788443	0.178559723						
MAP3K7	NM_003188_bp603_R	AGCTAAAAAGTGTGTCTTGTGATGGAATATTCTCTTGAAATATCTCCATCACAAGACACACGG	Hs.485968	1560	0.30255	0.77901954	0.499464751	-0.286916667	1.99972554	0.760880979						
MAP3K7	NM_003188_bp603_R	AGCTAAAAGTGTGTCTTGTGATGGAATATTCTCTTGAAATATCTCCATCACAAGACACACGG	Hs.485968	6936	0.2977	0.72096607	0.486660376	-0.20945	1.95951476	0.823575727						
MAP3K7	NM_003188_bp603_R	AGCTAAAAGTGTGTCTTGTGATGGAATATTCTCTTGAAATATCTCCATCACAAGACACACGG	Hs.590889	12312				-0.17935	1.90892713	0.844650687						
MAP3K7	NM_003188_bp630_R	AGCTAAAAGGGGGCTCTTTATATAATGTGTCTCTTGAACACATTATATAAAGAGCCCCCGG	Hs.590889	321	-0.033775	0.17006043	0.825123108	0.6926625	0.18952156	0.007551206						
MAP3K7	NM_003188_bp630_R	AGCTAAAAGGGGGCTCTTTATATAATGTGTCTCTTGAACACATTATATAAAGAGCCCCCGG	Hs.590889	5697	-0.046575	0.18405967	0.765079664	0.7032875	0.24553602	0.009744098						
MAP3K7	NM_003188_bp630_R	AGCTAAAAGGGGGCTCTTTATATAATGTGTCTCTTGAACACATTATATAAAGAGCCCCCGG	Hs.590889	11073	-0.005375	0.19487551	0.9727394	0.8029875	0.28637942	0.007502925						
MAP3K7IP1	NM_006116_bp452_R	AGCTAAAAGCTCCTCAGTATCAGAAGATTCTCTTGAAATCTTCTGATGCTGAGGAGGCGG	Hs.507681	1437	-1.44335	0.45898625	0.001478526				-0.9050875	0.26610522	0.005346293			
MAP3K7IP1	NM_006116_bp452_R	AGCTAAAAGCCTCCTCAGTATCAGAAGATTCTCTTGAAATCTTCTGATGCTGAGGAGGCGG	Hs.507681	6813	-1.616	0.45410301	0.000878437				-1.0278375	0.36672411	0.004285955			
MAP3K7IP1	NM_006116_bp452_R	AGCTAAAAGCCTCCTCAGTATCAGAAGATTCTCTTGAAATCTTCTGATGCTGAGGAGGCGG	Hs.507681	12189	-1.65005	0.48933581	0.000899785				-1.0684625	0.39575991	0.004021049			
MAP3K7IP1	NM_006116_bp531_R	AGCTAAAAAGCGGTCCTTCTCAACAACAAGTCTCTTGAACTTGTTGTTGAGAAGGACCGCGG	Hs.507681	1438	0.7519	0.25221563	0.004885504				0.6561125	1.45638301	0.242136834			
MAP3K7IP1	NM_006116_bp531_R	AGCTAAAAAGCGGTCCTTCTCAACAACAAGTCTCTTGAACTTGTTGTTGAGAAGGACCGCGG	Hs.507681	6814	0.6518	0.2700042	0.009334971				0.2469875	0.62515211	0.343279587			
MAP3K7IP1	NM_006116_bp531_R	AGCTAAAAAGCGGTCCTTCTCAACAACAAGTCTCTTGAACTTGTTGTTGAGAAGGACCGCGG	Hs.507681	12190	0.717625	0.41422056	0.015123296				0.2742125	0.94070411	0.428438297			
MAP3K7IP1	NM_006116_bp746_R	AGCTAAAAGATCGGGGATTACAAGGTTAATCTCTTGAATTAACCTTGTAATCCCCGATCGG	Hs.507681	2473	-0.706025	0.15650844	0.006666531				-0.3129375	0.31348458	0.250000683			
MAP3K7IP1	NM_006116_bp746_R	AGCTAAAAGATCGGGGATTACAAGGTTAATCTCTTGAATTAACCTTGTAATCCCCGATCGG	Hs.507681	7849	-0.689225	0.13493068	0.006131025				-0.4853125	0.64550065	0.178958563			
MAP3K7IP1	NM_006116_bp746_R	AGCTAAAAGATCGGGGATTACAAGGTTAATCTCTTGAATTAACCTTGTAATCCCCGATCGG	Hs.507681	13225	-0.691675	0.10951895	0.005960469				-0.4074375	0.55105538	0.21898595			
MAP3K7IP2	NM_145342_bp1459_R	AGCTAAAAAGGGTCCTGCCTTTATTCATCATCTCTTGAATGATGAATAAAGGCAGGACCCGG		1500	-2.0949	0.10443967	0.003514023				0.5801875	0.92837501	0.146351376			
MAP3K7IP2	NM_145342_bp1459_R	AGCTAAAAAGGGTCCTGCCTTTATTCATCATCTCTTGAATGATGAATAAAGGCAGGACCCGG		6876	-2.16315	0.05996266	0.003078461				0.6221625	0.97479641	0.137088378			
MAP3K7IP2	NM_145342_bp1459_R	AGCTAAAAGGGTCCTGCCTTTATTCATCATCTCTTGAATGATGAATAAAGGCAGGACCCGG		12252	-2.06295	0.1086116	0.003696926				0.6009375	1.03909424	0.165550558			
MAP3K7IP2	NM_145342_bp519_R	AGCTAAAAGCCAGTCCAATAGTGAACTATCTCTCTTGAAATAGTTCACTATTGGACTGGCGG		2616	-0.74315						-0.0881125	0.37818654	0.846304893			
MAP3K7IP2	NM_145342_bp519_R	AGCTAAAAGCCAGTCCAATAGTGAACTATCTCTCTTGAAATAGTTCACTATTGGACTGCCGG		7992	-0.8256	0.20843295	0.014904462				-0.1173875	0.47164053	0.771114653			
MAP3K7IP2	NM_145342_bp519_R	AGCTAAAAAGCAGTCCAATAGTGAACTATCTCTCTTGAAATAGTTCACTATTGGACTGCCGG		13368	-0.657825	0.12524325	0.007704377				0.0107125	0.31463609	0.8084859			
MAP3K7IP2	NM_145342_bp876_R	AGCTAAAAAGCTGGGGTATCTCAGTTTAATCTCTCTTGAAGATTAAACTGAGATACCCAGCGG		1499	-1.134325	0.41408774	0.003581486				-1.0153875	0.42599689	0.005630437			
MAP3K7IP2	NM_145342_bp876_R	AGCTAAAAAGCTGGGGTATCTCAGTTTAATCTCTCTTGAAGATTAAACTGAGATACCCAGCGG		6875	-0.847125	0.58582949	0.031204807				-0.8860875	0.53092262	0.016746619			
MAP3K7IP2	NM_145342_bp876_R	AGCTAAAAGCTGGGGTATCTCAGTTTAATCTCTCTTGAAGATTAAACTGAGATACCCAGCGG		12251	-0.811825	0.57807219	0.035297168				-0.6747625	0.6494526	0.071628316			
MAP3K8	NM_005204_bp1092_R	AGCTAAAAAGAAGCTGACTTACAGGAATATTCTCTTGAAATATTCCTGTAAGTCAGCTTCGG	Hs.432453	1611	0.82305	1.95196791	0.331436547	-0.106566667	3.64845723	0.950577327						
MAP3K8	NM_005204_bp1092_R	AGCTAAAAAGAAGCTGACTTACAGGAATATTCTCTTGAAATATTCCTGTAAGCTTCGG	Hs.432453	6987	1.051225	1.6224902	0.161524474	-1.527433333	5.4403276	0.560780145						
MAP3K8	NM_005204_bp1092_R	AGCTAAAAAGAAGCTGACTTACAGGAATATTCTCTTGAAATATTCCTGTAAGTCAGCTTCGG	Hs.432453	12363	0.484725	1.52936725	0.459519888	-1.428033333	5.33458071	0.578293058						
MAP3K8	NM_005204_bp1189_R	AGCTAAAAAGCGTGTAAACTGATCCCAGTATCTCTTGAATACTGGGATCAGTTTACACGCGG	Hs.432453	5757	0.535675	1.78836777	0.480652183									
MAP3K8	NM_005204_bp1189_R	AGCTAAAAACGTGTAAACTGATCCCAGTATCTCTTGAATACTGGGATCAGTTTACACGCGG	Hs.432453	11133	0.04115	1.60488977	0.950750238									
MAP3K8	NM_005204_bp1189_R	AGCTAAAAGCGTGTAAACTGATCCCAGTATCTCTTGAATACTGGGATCAGTTTACACGCGG	Hs.432453	381	0.185875	0.691161152	0.647398859									
MAP3K8	NM_005204_bp2013_R	AGCTAAAAAGAGGCAACGCTCTCTCTACATTTCTCTTGAAATGTAGAGAGAGCGTTGCCTCGG	Hs.432453	6989	0.901875	2.06210015	0.376772659	0.9969	3.9374534	0.621380873						
MAP3K8	NM_005204_bp2013_R	AGCTAAAAAGAGGCAACGCTCTCTCTACATTTCTCTTGAAATGTAGAGAGAGCGTTGCCTCGG	Hs.432453	1613	-0.35115			-0.6621								
MAP3K8	NM_005204_bp2013_R	AGCTAAAAAGAGGCAACGCTCTCTCTACATTTCTCTTGAAATGTAGAGAGAGCGTTGCCTCGG	Hs.432453	12365	7.634			1.05125	4.16280833	0.621898653						
MAP3K9	NM_027237_bp1862_R	AGCTAAAAAGTGAGAAAGCTAATGGTTAATCTCTTGAATTAAACCATTAGCTTTTCACGG	Hs.437214	825	-0.754025	0.33062544	0.008881172	-0.1632	1.42104482	0.306330678						
MAP3K9	NM_027237_bp1862_R	AGCTAAAAGTGAGAAAGCTAATGGTTAATCTCTTGAATTAAACCATTAGCTTTTCACGG	Hs.437214	6201	-0.7014	0.37743956	0.015510371	0.012825	2.21350143	0.937905358						
MAP3K9	NM_027237_bp1862_R	AGCTAAAAGTGAGAAAGCTAATGGTTAATCTCTTGAATTAAACCATTAGCTTTTCACGG	Hs.437214	11577	-0.614425	0.30093341	0.016620819	0.0049	0.23992992	0.977169182						
MAP3K9	NM_027237_bp751_R	AGCTAAAAAGCCAGAGGGATGAACTACTTATCTCTTGAATAAGTAGTTCATCCCCTCTGGCGG	Hs.437214	1986	-0.18155	0.38195923	0.397388974	0.208025	0.27134214	0.249900816						
MAP3K9	NM_027237_bp751_R	AGCTAAAAAGCCAGAGGGATGAACTACTTATCTCTTGAATAAGTAGTTCATCCCCTCTGGCGG	Hs.437214	7362	-0.0878	0.27337718	0.621537764	0.310975	0.16970112	0.093346657						
MAP3K9	NM_027237_bp751_R	AGCTAAAAAGCCAGAGGGATGAACTACTTATCTCTTGAATAAGTAGTTCATCCCCTCTGGCGG	Hs.437214	12738	0.06905	0.15196036	0.647392288	0.3598	0.47146436	0.18767362						
MAP4K1	NM_007181_bp1501_R	AGCTAAAAGGATGTGCCCTTCTCGTAAAGTCTCTTGAACTTTACGAGAAGGGCACATCCGG	Hs.95424	1911	0.748275	4.00866271	0.65072589	-6.272433333	2.78336481	0.000194465						
MAP4K1	NM_007181_bp1501_R	AGCTAAAAGGATGTGCCCTTCTCGTAAAGTCTCTTGAACTTTACGAGAAGGGCACATCCGG	Hs.95424	7287	1.845675	5.79472629	0.448202329	-6.524666667	2.88974415	0.000243788						
MAP4K1	NM_007181_bp1501_R	AGCTAAAAGGATGTGCCCTTCTCGTAAAGTCTCTTGAACTTTACGAGAAGGGCACATCCGG	Hs.95424	12663	1.324575	4.52238638	0.483957367	-6.739366667	2.37323135	2.80E-05						
MAP4K1	NM_007181_bp1683_R	AGCTAAAAGTGGGTGTACTCCATCAACAATCTCTTGAATTGTTGATCGAGATACCCACAGG	Hs.95424	399	1.20085	2.10260734	0.240606132	0.8991	0.63358185	0.058282501						
MAP4K1	NM_007181_bp1683_R	AGCTAAAAGTGGGTGTACTCCATCAACAATCTCTTGAATTGTTGATCGAGATACCCACAGG	Hs.95424	5775	2.388283333	3.46964926	0.168411728	3.14805	3.15164563	0.133018616						
MAP4K1	NM_007181_bp1683_R	AGCTAAAAGTGGGTGTACTCCATCAACAATCTCTTGAATTGTTGATCGAGATACCCACAGG	Hs.95424	11151	2.648016667	3.94001757	0.179323108	3.72205	3.92366482	0.144575447						
MAP4K1	NM_007181_bp472_R	AGCTAAAAAGGAGCTAACATCCTCATCAATTCTCTTGAATTGATGAGGATGTTAGCTCCGG	Hs.95424	400	0.18225	1.76720112	0.803703949	-1.719633333	4.36561657	0.004010421						
MAP4K1	NM_007181_bp472_R	AGCTAAAAAGGAGCTAACATCCTCATCAATTCTCTTGAATTGATGAGGATGTTAGCTCCGG	Hs.95424	5776	1.803816667	4.86907731	0.415961596	-4.239466667	2.48885507	0.02335362						
MAP4K1	NM_007181_bp472_R	AGCTAAAAAGGAGCTAACATCCTCATCAATTCTCTTGAATTGATGAGGATGTTAGCTCCGG	Hs.95424	11152	1.898583333	5.28157179	0.428545335	-4.743166667	2.6839525	0.020837433						
MAP4K3	NM_003618_bp1316_R	AGCTAAAAAGTCGCACAATTTAGAAGATGATTCTCTTGAAATCATCTTCTAAATGTGCGACGG	Hs.468239	367	0.1726	1.14013897	0.761988825	-0.1025375	0.24351767	0.55966019						-0.6552
MAP4K3	NM_003618_bp1316_R	AGCTAAAAGTCGCACATTTAGAAGATGATTCTCTTGAAATCATCTTCTAAATGTGCGACGG	Hs.468239	5743	0.163133333	0.84050509	0.690458668	-0.0861125	0.23434386	0.617378137						
MAP4K3	NM_003618_bp1316_R	AGCTAAAAGTCGCACATTTAGAAGATGATTCTCTTGAAATCATCTTCTAAATGTGCGACGG	Hs.468239	11119	0.43155	0.90784914	0.300681905	0.0091125	0.22348764	0.956496788						
MAP4K3	NM_003618_bp1604_R	AGCTAAAAGATGGCTCATTATGTCAACAATCTCTTGAATTGTTGACATATGAGCCATCGG	Hs.468239	1638	-0.261733333	0.15656833	0.216539371	0.0252375	0.28958291	0.891585814				-0.1694		
MAP4K3	NM_003618_bp1604_R	AGCTAAAAGATGGCTCATTATGTCAACAATCTCTTGAATTGTTGACATATGAGCCATCGG	Hs.468239	7014	-0.2871	0.17677141	0.189101119	0.0309125	0.33940814	0.87740805				-0.4308		
MAP4K3	NM_003618_bp1604_R	AGCTAAAAGATGGCTCATTATGTCAACAATCTCTTGAATTGTTGACATATGAGCCATCGG	Hs.468239	12390	-0.133075	0.26296895	0.455219841	0.0459125	0.33226767	0.817092416						
MAP4K4	NM_145686_bp3359_R	AGCTAAAAAGAAGGATGTGTACATTATAAATCTCTTGAATTTATAATGTACACATCCTTCGG	Hs.431550	712	0.32445	0.39313005	0.164775004	0.539666667	0.39972173	0.100114552						
MAP4K4	NM_145686_bp3359_R	AGCTAAAAAGAAGGATGTGTACATTATAAATCTCTTGAATTTATAATGTACACATCCTTCGG	Hs.431550	6088	0.377825	0.3331739	0.093092379	0.300033333	0.23883564	0.215180194						
MAP4K4	NM_145686_bp3359_R	AGCTAAAAAGAAGGATGTGTACATTATAAATCTCTTGAATTTATAATGTACACATCCTTCGG	Hs.431550	11464	0.38955	0.27088178	0.066158809	0.518833333	0.33781733	0.096795299						
MAP4K4	NM_145686_bp3719_R	AGCTAAAAAGGGGTTTATGTAAACACATATTCTCTTGAAATATGTGTTTACATAAACCCCGG	Hs.431550	2183	1.3522	0.40112532	0.001110111	0.46375	1.33157136	0.448400471						
MAP4K4	NM_145686_bp3719_R	AGCTAAAAAGGGGTTTATGTAAACACATATTCTCTTGAAATATGTGTTTACATAAACCCCGG	Hs.431550	7559	1.223525	0.60906734	0.00604469	0.8358	0.90665684	0.092369245						
MAP4K4	NM_145686_bp3719_R	AGCTAAAAAGGGGTTTATGTAAACACATATTCTCTTGAAATATGTGTTTACATAAACCCCGG	Hs.431550	12935	2.0203	1.36056057	0.013505538	0.586675	1.11701108	0.280820794						
MAP4K4	NM_145686_bp603_R	AGCTAAAAGCGGGAGAAATACGTTCATAGTCTCTTGAACTATGAACGTATTTCTCCGCCGG	Hs.431550	12961	-0.29125	0.74999258	0.400983321	-0.455425	0.21090344	0.036871808						
MAP4K4	NM_145686_bp603_R	AGCTAAAAGCGGGAGAAATACGTTCATAGTCTCTTGAACTATGAACGTATTTCTCCGCCGG	Hs.431550	7585				-2.0578								
MAP4K5	NM_198794_bp1221_R	AGCTAAAAAGCCCTAGCAGTTGAACTGTTATCTCTTGAATAACAGTTCAACTGCTAGGGCGG	Hs.130491	818	-0.4772	0.17455259	0.022067428	0.2739	0.31968842	0.202198049						
MAP4K5	NM_198794_bp1221_R	AGCTAAAAGCCCTAGCAGTTGAACTGTTATCTCTTGAATAACAGTTCAACTGCTAGGGCGG	Hs.130491	6194	-0.412875	0.18215148	0.037697787	0.4442	0.29251821	0.058160096						
MAP4K5	NM_198794_bp1221_R	AGCTAAAAGCCCTAGCAGTTGAACTGTTATCTCTTGAATAACAGTTCAACTGCTAGGGCGG	Hs.130491	11570	-0.359125	0.32818992	0.104127918	0.415925	0.09847299	0.031691235						
MAP4K5	NM_198794_bp1995_R	AGCTAAAAAGAGGCAACGATGGAACAGTTATCTCTTGAATAACTGTTCCATCGTTGCCTCGG	Hs.130491	819	2.922	6.65363283	0.000730757	0.6867	0.79090974	0.111688572						
MAP4K5	NM_198794_bp1995_R	AGCTAAAAAGAGGCAACGATGGAACAGTTATCTCTTGAATAACTGTTCCATCGTTGCCTCGG	Hs.130491	6195	3.162433333	8.85675245	0.001199545	0.58825	0.795283	0.283009459						
MAP4K5	NM_198794_bp1995_R	AGCTAAAAGGCAACGATGGAACAGTTATCTCTTGAATAACTGTTCCATCGTTGCCTCGG	Hs.130491	11571	3.220666667	1.38717171	0.005392992	0.48245	0.72542085	0.135735689						
MAP4K5	NM_198794_bp2035_R	AGCTAAAAAGGCTGTATGTTATCAATAATATCTCTTGAATATTATTGATAACATACAGCCGG	Hs.130491	1982	-0.17925	0.51936993	0.610871228	1.8082	1.83480068	0.143258382						
MAP4K5	NM_198794_bp2035_R	AGCTAAAAAGGCTGTATGTTATCAATAATATCTCTTGAATATTATTGATAACATACAGCCGG	Hs.130491	7358	0.68295	0.24727524	0.075716409	0.5383								
MAP4K5	NM_198794_bp2035_R	AGCTAAAAAGGCTGTATGTTATCAATAATATCTCTTGAATATTATTGATAACATACAGCCGG	Hs.130491	12734	1.2636	0.82858773	0.054201357	0.5639								
MAPK1	NM_002745_bp1096_R	AGCTAAAAGCTCTGGACTTATTGGACAAATCTCTTGAATTTGTCCAATAAGTCCAGAGCGG	Hs.431850	12583				0.2692								
MAPK1	NM_002745_bp514_R	AGCTAAAAGCACCAACCATCGAGCAAATGTCTCTTGAACATTTGCTCGATGGTTGGTGCGG	Hs.431850	246	0.60585	0.1887268	0.09186393	0.592	0.58733111	0.136263955						
MAPK1	NM_002745_bp514_R	AGCTAAAAGCACCAACCATCGAGCAAATGTCTCTTGAACATTTGCTCGATGGTTGGTGCGG	Hs.431850	5622	1.0316			0.656	0.67910535	0.209300497						
MAPK1	NM_002745_bp514_R	AGCTAAAAGCACCAACCATCGAGCAAATGTCTCTTGAACATTTGCTCGATGGTTGGTGCGG	Hs.431850	10998	0.8673			0.5869	0.64714413	0.236973992						
MAPK1	NM_002745_bp883_R	AGCTAAAAGCTGCATTCTGGCAGAAATGTCTCTTGAACATTTCTGCCAGAATGCAGCCGGG	Hs.431850	247	0.87005	0.02312239	0.034311271	-0.0036875	0.79824573	0.991970893						
MAPK1	NM_002745_bp883_R	AGCTAAAAGCTGCATTCTGGCAGAAATGTCTCTTGAACATTTCTGCCAGAATGCAGCCGGG	Hs.431850	5623	0.94265	0.06003337	0.028190471	0.0177125	0.78951226	0.961505899						
MAPK1	NM_002745_bp883_R	AGCTAAAAGCTGCATTCTGGCAGAAATGTCTCTTGAACATTTCTGCCAGAATGCAGCCGGG	Hs.431850	10999	1.04245	0.04914392	0.021474972	0.0782875	0.81517491	0.836021488						
MAPK10	NM_138980_bp1314_R	AGCTAAAAGAGAAATGGTTCGCCACAAATCTCTTGAATTTGTGGCGAACCATTTCTCCCGG	Hs.125503	2121	-0.18125	0.24572594	0.309820351	-0.2358	0.48820824	0.371104744						
MAPK10	NM_138980_bp1314_R	AGCTAAAAGAGAAATGGTTCGCCACAAATCTCTTGAATTTGTGGCGAACCATTTCTCCCGG	Hs.125503	7497	0.15835	0.47108634	0.510015321	-0.19285	0.62596218	0.533653499						
MAPK10	NM_138980_bp1314_R	AGCTAAAAGGAGAAATGGTTCGCCACAAATCTCTTGAATTTGTGGCGAACCATTTCTCCCGG	Hs.125503	12873	0.272933333	0.85705721	0.519440615	-0.122975	0.54811516	0.656288994						
MAPK10	NM_138980_bp801_R	AGCTAAAAGATCGTCCTTGACAGAAATTCTCTTGAAATTTCTGTCAAGGAGCATCCGG	Hs.125503	641	-0.050925	0.36946229	0.802092907	0.00565	0.13808874	0.968907758						
MAPK10	NM_138980_bp801_R	AGCTAAAAGATCGTCCTTGACAGAAATTCTCTTGAAATTTCTGTCAAGGAGCATCCGG	Hs.125503	6017	0.0721	0.3979047	0.734413837	0.10325	0.1608907	0.511103354						
MAPK10	NM_138980_bp801_R	AGCTAAAAGATCGTCCTTGACAGAAATTCTCTTGAAATTTCTGTCAAGGAGCATCCGG	Hs.125503	11393	0.11235	0.30249427	0.54768779	0.23005	0.75545143	0.230383236						
MAPK10	NM_138980_bp959_R	AGCTAAAAACTGGAGGAGTTCCAAGATGTTCTCTTGAAACATCTTGGAACTCCTCCAGCGG	Hs.125503	2123	0.8625	1.31843123	0.161775389	-0.0618	0.71771566	0.855372284						
MAPK10	NM_138980_bp959_R	AGCTAAAAACTGGAGGAGTTCCAAGATGTTCTCTTGAAACATCTTGGAACTCCTCCAGCGG	Hs.125503	7499	-0.012566667	1.09788572	0.980257402	-0.041225	0.7025552	0.90138928						
MAPK10	NM_138980_bp959_R	AGCTAAAAACTGGAGGAGTTCCAAGATGTTCTCTTGAAACATCTTGGAACTCCTCCAGCGG	Hs.125503	12875	0.687375	0.18817257	0.005627673	0.855375	0.95089485	0.097061925						
MAPK11	NM_002751_bp460_R	AGCTAAAAAGCACGTTCAATTCCTGGTTTATCTCTTGAATAAACCAGGAATTGAACGTGCGG	Hs.5732	265	-0.6392	0.24876065	0.010613152	-0.0898875	0.25397215	0.6129669						
MAPK11	NM_002751_bp460_R	AGCTAAAAAGCACGTTCAATTCCTGGTTTATCTCTTGAATAAACCAGGAATTGAACGTGCGG	Hs.5732	5641	-0.58795	0.22277418	0.012765461	-0.0727625	0.23636374	0.675540064						
MAPK11	NM_002751_bp460_R	AGCTAAAAAGCACGTTCAATTCCTGGTTTATCTCTTGAATAAACCAGGAATTGAACGTGCGG	Hs.5732	11017	-0.620475	0.25004945	0.012019653	-0.107875	0.2793385	0.562496005						
MAPK11	NM_002751_bp572_R	AGCTAAAAAGAGCTCAGGATCCTGGATTTCTCTTGAAGAAATCCAGGATCCTGAGCTCGGG	Hs.5732	266	0.4645	2.04990256	0.629250198	1.0296375	0.44355759	0.007385852						
MAPK11	NM_002751_bp572_R	AGCTAAAAAGAGCTCAGGATCCTGGATTTCTCTTGAAGAAATCCAGGATCCTGAGCTCGGG	Hs.5732	5642	0.44585	2.2468318	0.669028894	1.0229375	0.37318377	0.004984575						
MAPK11	NM_002751_bp572_R	AGCTAAAAAGAGCTCAGGATCCTGGATTTCTCTTGAAGAAATCCAGGATCCTGAGCTCGGG	Hs.5732	11018	0.5112	2.01186021	0.590780311	1.0771125	0.3778991 2	0.004180411						
MAPK11	NM_002751_bp653_R	AGCTAAAAAGACCCTGAGATCATGCTCAACTTCCTTGAAGTTGAGCATGATCTCAGGTGCGG	Hs.5732	267	0.479525	0.50103328	0.09442599	-0.5874625	0.2991945	0.024986613						
MAPK11	NM_002751_bp653_R	AGCTAAAAAGACCCTGAGATCATGCTCAACTTCCTTGAAGTTGAGCATGATCTCAGGTGCGG	Hs.5732	5643	0.467425	0.45835343	0.086183079	-0.5742375	0.32932234	0.031558562						
MAPK11	NM_002751_bp653_R	AGCTAAAAAGACCCTGAGATCATGCTCAACTTCCTTGAAGTTGAGCATGATCTCAGGTGCGG	Hs.5732	11019	0.467775	0.33208426	0.050088987	-0.5209125	0.33895396	0.045043092						
MAPK12	NM_002969_bp1328_R	AGCTAAAAAGGAAGCGTGTTACTTACAAAGTCTCTTGAACTTTGTAAGTAACACGCTTCCGG	Hs.432642	1893				8.3504								
MAPK12	NM_002969_bp1328_R	AGCTAAAAAGGAAGCGTGTTACTTACAAAGTCTCTTGAACTTTGTAAGTAACACGCTTCCGG	Hs.432642	7269				4.4983								
MAPK12	NM_002969_bp1328_R	AGCTAAAAAGGAAGCGTGTTACTTACAAAGTCTCTTGAACTTTGTAAGTAACACGCTTCCGG	Hs.432642	12645				3.2706								
MAPK12	NM_002969_bp658_R

MAPK3	NM_002746_bp993_R	AGCTAAAAAGGACCGGATGTTAACCTTTAATCTCTTGAATTAAAGGTTAACATCCGGTCCGG	Hs.861	7211	-1.1088	0.37773644	0.028899439	-0.2195	0.72690577	0.634035429										
MAPK3	NM_002746_bp993_R	AGCTAAAAAGGACCGGATGTTAACCTTTAATCTCTTGAATTAAAGGTTAACATCCGGTCCGG	Hs.861	12587	-0.93825	0.56830172	0.065263872	-0.1982	0.67981246	0.653091374										
MAPK4	NM_002747_bp1046_R	AGCTAAAAAGTCAGAAGGGTTGGTAACAAATCTCTTGAATTTGTTACCCAACCCTTCTGACGG	Hs.43728	249	-0.15715	0.73595496	0.636440594	0.0555375	0.16516473	0.720241364										
MAPK4	NM_002747_bp1046_R	AGCTAAAAAGTCAGAAGGGTTGGTAACAAATCTCTTGAATTTGTTACCCAACCCTTCTGACGG	Hs.43728	5625	-0.085625	0.76534085	0.801468475	0.0861875	0.17789086	0.588505186										
MAPK4	NM_002747_bp1046_R	AGCTAAAAAGTCAGAAGGGTTGGTAACAAATCTCTTGAATTTGTTACCCAACCCTTCTGACGG	Hs.43728	11001	0.178325	1.18792383	0.723913861	0.1880125	0.196364	0.27658292										
MAPK4	NM_002747_bp1084_R	AGCTAAAAAGACTGCTCCTTTCCCCCAATATCTCTTGAATATTGGGGGAAAGGAGCAGTCGG	Hs.43728	1837	0.3479			-0.3702375	0.76974736	0.330765589										
MAPK4	NM_002747_bp1084_R	AGCTAAAAAGACTGCTCCTTTCCCCCAATATCTCTTGAATATTGGGGGAAAGGAGCAGTCGG	Hs.43728	7213	0.38405	0.04136575	0.202340683	-0.4202375	0.76680636	0.275441584										
MAPK4	NM_002747_bp1084_R	AGCTAAAAAGACTGCTCCTTTCCCCCAATATCTCTTGAATATTGGGGGAAAGGAGCAGTCGG	Hs.43728	12589	0.4478	0.13194613	0.160762204	-0.3233125	0.73034004	0.370216291										
MAPK4	NM_002747_bp543_R	AGCTAAAAAGGGCGCTTTGTTGACTTCCAATTCTCTTGAATTGGAAGTCAACAAAGCGCCCGG	Hs.43728	1839	-0.258466667	0.40383599	0.331757089	-0.2030625	0.37351362	0.360958709										
MAPK4	NM_002747_bp543_R	AGCTAAAAAGGGCGCTTTGTTGACTTCCAATTCTCTTGAATTGGAAGTCAACAAAGCGCCCGG	Hs.43728	7215	-0.3727	0.42382524	0.195349265	-0.1401625	0.33212378	0.491297504										
MAPK4	NM_002747_bp543_R	AGCTAAAAAGGGCGCTTTGTTGACTTCCAATTCTCTTGAATTGGAAGTCAACAAAGCGCCCGG	Hs.43728	12591	-0.3332	0.42434826	0.237148386	-0.1379125	0.37595703	0.525495804										
MAPK6	NM_002748_bp1120_R	AGCTAAAAAGGCCCCTTTACTGGAAGAGCATTTCTCTTGAATGCTCTTTCCAGTAAAGGGCCGG	Hs.41847	250	0.1657	0.65779311	0.627345673	-0.257483333	0.28933633	0.298114353										
MAPK6	NM_002748_bp1120_R	AGCTAAAAAGGCCCCTTTACTGGAAGAGCATTTCTCTTGAATGCTCTTTCCAGTAAAGGGCCGG	Hs.41847	5626	0.146966667	0.67719812	0.672118979	-0.3117125	0.3004712	0.146930849										
MAPK6	NM_002748_bp1120_R	AGCTAAAAAGGCCCCTTTACTGGAAGAGCATTTCTCTTGAATGCTCTTTCCAGTAAAGGGCCGG	Hs.41847	11002	0.2051	0.63490265	0.541581869	-0.2257625	0.30015413	0.266299787										
MAPK6	NM_002748_bp2350_R	AGCTAAAAAGCAGGAACTATTCAGCTTAGTTTCTCTTGAAACTAAGCTGAATAGTTTCCTGCGG	Hs.41847	251	-0.597325	0.58243724	0.069608459	-0.3432375	0.37646613	0.154442032										
MAPK6	NM_002748_bp2350_R	AGCTAAAAAGCAGGAACTATTCAGCTTAGTTTCTCTTGAAACTAAGCTGAATAGTTTCCTGCGG	Hs.41847	5627	-0.587975	0.64670564	0.090898241	-0.3018125	0.36650005	0.193596935										
MAPK6	NM_002748_bp2350_R	AGCTAAAAAGCAGGAACTATTCAGCTTAGTTTCTCTTGAAACTAAGCTGAATAGTTTCCTGCGG	Hs.41847	11003	-0.488975	0.56838893	0.113114775	-0.2874875	0.36512879	0.210930893										
MAPK6	NM_002748_bp2815_R	AGCTAAAAAGGGTCACCACTTAAGTCAATATCTCTTGAATATTGACTTAAGTGGTGACCCGG	Hs.41847	1841	0.3139	0.34153655	0.150040211	-0.6556625	0.23398708	0.011844193										
MAPK6	NM_002748_bp2815_R	AGCTAAAAAGGGTCACCACTTAAGTCAATATCTCTTGAATATTGACTTAAGTGGTGACCCGG	Hs.41847	7217	0.326475	0.32344734	0.12911364	-0.6368625	0.21907561	0.012142203										
MAPK6	NM_002748_bp2815_R	AGCTAAAAAGGGTCACCACTTAAGTCAATATCTCTTGAATATTGACTTAAGTGGTGACCCGG	Hs.41847	12593	0.323775	0.38103701	0.159359516	-0.6469125	0.24273747	0.013063923										
MAPK7	NM_139033_bp2711_R	AGCTAAAAAGCATGAACCCTGCCGATATTGTCTCTTGAACAATATCGGCAGGGTTCATGCGG	Hs.150136	7501	-0.390433333	0.23419578	0.111820238	-0.113025	0.64332704	0.716948921										
MAPK7	NM_139033_bp2711_R	AGCTAAAAAGCATGAACCCTGCCGATATTGTCTCTTGAACAATATCGGCAGGGTTCATGCGG	Hs.150136	2125	-0.8268															
MAPK7	NM_139033_bp2711_R	AGCTAAAAAGCATGAACCCTGCCGATATTGTCTCTTGAACAATATCGGCAGGGTTCATGCGG	Hs.150136	12877	-0.6492															
MAPK7	NM_139033_bp829_R	AGCTAAAAAGTGCGCTACTTCCTGTACCAATCTCTTGAATTGGTACAGGAAGTAGCGCACGG	Hs.150136	648	-0.971033333	0.40720198	0.014419645	-0.6068												
MAPK7	NM_139033_bp829_R	AGCTAAAAAGTGCGCTACTTCCTGTACCAATCTCTTGAATTGGTACAGGAAGTAGCGCACGG	Hs.150136	6024	-1.109375	0.88541796	0.028924209	-0.5885	0.57690624	0.086060392										
MAPK7	NM_139033_bp829_R	AGCTAAAAAGTGCGCTACTTCCTGTACCAATCTCTTGAATTGGTACAGGAAGTAGCGCACGG	Hs.150136	11400	-0.273225	0.4534411	0.265093022	-0.41445	0.25951823	0.061183924										
MAPK8	NM_002750_bp139_R	AGCTAAAAAGGAGAAATGGTTTGCCACAAATCTCTTGAATTTGTGGCAAACCATTTTCTCCGG	Hs.52924	12595	-0.3614			-0.2091125	0.35507889	0.335688597										
MAPK8	NM_002750_bp663_R	AGCTAAAAAGGAGAAATGGTTTGCCACAAATCTCTTGAATTTGTGGCAAACCATTTTCTCCGG	Hs.52924	252	-1.172	1.37200366	0.114656728	-0.5989875	0.54151707	0.072194368										
MAPK8	NM_002750_bp663_R	AGCTAAAAAGGAGAAATGGTTTGCCACAAATCTCTTGAATTTGTGGCAAACCATTTTCTCCGG	Hs.52924	5628	-1.048833333	1.43529259	0.159394085	-0.5384875	0.59086477	0.112568246										
MAPK8	NM_002750_bp663_R	AGCTAAAAAGGAGAAATGGTTTGCCACAAATCTCTTGAATTTGTGGCAAACCATTTTCTCCGG	Hs.52924	11004	-0.907533333	1.29736142	0.176644973	-0.5252125	0.57360665	0.113125761										
MAPK8	NM_002750_bp805_R	AGCTAAAAAGACCTAAATATGCTGGATATATCTCTTGAATATATCCAGCATATTTAGGTCGG	Hs.52924	1845	2.3322	3.10537781	0.141362999	-0.4574375	0.44367945	0.101124213										
MAPK8	NM_002750_bp805_R	AGCTAAAAAGACCTAAATATGCTGGATATATCTCTTGAATATATCCAGCATATTTAGGTCGG	Hs.52924	7221	1.909166667	2.79327919	0.172015665	-0.4981125	0.46345832	0.087756732										
MAPK8	NM_002750_bp805_R	AGCTAAAAAGACCTAAATATGCTGGATATATCTCTTGAATATATCCAGCATATTTAGGTCGG	Hs.52924	12597	1.597775	1.98112162	0.094665385	-0.5634875	0.44411085	0.057790914										
MAPK9	NM_139069_bp1146_R	AGCTAAAAAGAAGCAAGAATGGTGTTGTAATCTCTTGAATTACAACACCATTCTTGCTTCGG	Hs.48473	6039	0.2942	0.24180809	0.1244015	0.372875	0.6415082	0.263569732										
MAPK9	NM_139069_bp1146_R	AGCTAAAAAGAAGCAAGAATGGTGTTGTAATCTCTTGAATTACAACACCATTCTTGCTTCGG	Hs.48473	11415	0.307825	0.27125192	0.123580869	0.214566667	0.64005291	0.551809481										
MAPK9	NM_139069_bp1146_R	AGCTAAAAAGAAGCAAGAATGGTGTTGTAATCTCTTGAATTACAACACCATTCTTGCTTCGG	Hs.48473	663	-0.086925	0.32997662	0.652450354													
MAPK9	NM_139069_bp359_R	AGCTAAAAAGTGTATTTGGTTATGGAATATCTCTTGAATAATTCCATAACCAAATACACGG	Hs.48473	664	0.579275	0.60616975	0.082610437	-0.245075	0.41849712	0.309654237										
MAPK9	NM_139069_bp359_R	AGCTAAAAAGTGTATTTGGTTATGGAATATCTCTTGAATAATTCCATAACCAAATACACGG	Hs.48473	6040	0.5396	0.45570112	0.056456586	-0.0275	0.45165671	0.90803058										
MAPK9	NM_139069_bp359_R	AGCTAAAAAGTGTATTTGGTTATGGAATATCTCTTGAATAATTCCATAACCAAATACACGG	Hs.48473	11416	0.542425	0.6554281	0.114736178	0.026525	0.3790437	0.900961718										
MAPK9	NM_139069_bp695_R	AGCTAAAAAGCAGAAATGGTCCTCCATAAATCTCTTGAATTTATGGAGGACCATTTCTGCGG	Hs.48473	2131	3.70035	4.04429724	0.110240744	0.7145	1.25483169	0.342610464										
MAPK9	NM_139069_bp695_R	AGCTAAAAAGCAGAAATGGTCCTCCATAAATCTCTTGAATTTATGGAGGACCATTTCTGCGG	Hs.48473	7507	2.55255	2.69061201	0.106688766	0.53925	1.21855712	0.445296764										
MAPK9	NM_139069_bp695_R	AGCTAAAAAGCAGAAATGGTCCTCCATAAATCTCTTGAATTTATGGAGGACCATTTCTGCGG	Hs.48473	12883	2.5275	2.51616877	0.095062322	1.576												
MAPKAPK2	NM_004759_bp1347_R	AGCTAAAAAGGTGTCTTCATGACAAGAACATCTCTTGAATGTTCTTGTCATGAAGACACCGG	Hs.51976	334	-0.51545	0.96778649	0.249552025	1.24565	0.09694434	0.023397585										
MAPKAPK2	NM_004759_bp1347_R	AGCTAAAAAGGTGTCTTCATGACAAGAACATCTCTTGAATGTTCTTGTCATGAAGACACCGG	Hs.51976	5710	-0.92	1.06256433	0.085595003	0.731666667	1.38461867	0.316713535										
MAPKAPK2	NM_004759_bp1347_R	AGCTAAAAAGGTGTCTTCATGACAAGAACATCTCTTGAATGTTCTTGTCATGAAGACACCGG	Hs.51976	11086	-0.513525	0.56646639	0.099343406	0.531133333	1.62686301	0.512570683										
MAPKAPK2	NM_004759_bp749_R	AGCTAAAAAGACCAGGCATTCACAGAAAGATCTCTTGAATCTTTCTGTGAATGCCTGGTCGG	Hs.51976	335	-0.062175	2.23570462	0.946044828	0.965333333	2.81548603	0.485767222										
MAPKAPK2	NM_004759_bp749_R	AGCTAAAAAGACCAGGCATTCACAGAAAGATCTCTTGAATCTTTCTGTGAATGCCTGGTCGG	Hs.51976	5711	0.82285	4.13084259	0.629437541	-0.1986	4.67611023	0.928056024										
MAPKAPK2	NM_004759_bp749_R	AGCTAAAAAGACCAGGCATTCACAGAAAGATCTCTTGAATCTTTCTGTGAATGCCTGGTCGG	Hs.51976	11087	1.0138	4.68542816	0.600742138	-0.819733333	4.97079488	0.728168046										
MAPKAPK2	NM_004759_bp802_R	AGCTAAAAAGCCATCCAGTATCTGCATTCTCTCTTGAAGAATGCAGATACTGGATGGCCGG	Hs.51976	336	-0.443125	0.6220686	0.165429455	-0.4978	1.52245017	0.513463925										
MAPKAPK2	NM_004759_bp802_R	AGCTAAAAAGCCATCCAGTATCTGCATTCTCTCTTGAAGAATGCAGATACTGGATGGCCGG	Hs.51976	5712	-0.53595	0.54537369	0.082336254	-1.4021	1.786417	0.163930555										
MAPKAPK2	NM_004759_bp802_R	AGCTAAAAAGCCATCCAGTATCTGCATTCTCTCTTGAAGAATGCAGATACTGGATGGCCGG	Hs.51976	11088	-0.67825	0.72643262	0.079594611	-0.748866667	1.66678457	0.380313828										
MAPKAPK3	NM_004635_bp405_R	AGCTAAAAAGCATCCTGGATGTGTATGAGATCTCTTGAATCTCATACACATCCAGGATGCGG	Hs.234521	310	-0.634475	0.79886738	0.116486668	1.961166667	0.97787816	0.017188075										
MAPKAPK3	NM_004635_bp405_R	AGCTAAAAAGCATCCTGGATGTGTATGAGATCTCTTGAATCTCATACACATCCAGGATGCGG	Hs.234521	5686	-0.85765	0.85235823	0.059784933	1.845366667	0.83008272	0.013560058										
MAPKAPK3	NM_004635_bp405_R	AGCTAAAAAGCATCCTGGATGTGTATGAGATCTCTTGAATCTCATACACATCCAGGATGCGG	Hs.234521	11062	-0.84035	1.00597901	0.09546579	1.437933333	1.00967452	0.045498858										
MAPKAPK3	NM_004635_bp468_R	AGCTAAAAAGCATGGAAGGTGGTGAGTTGTTCTCTTGAAACAACTCACCACCTTCCATGCGG	Hs.234521	1878	-0.0442	0.4131773	0.838212916	-1.0499	1.51072861	0.207858627										
MAPKAPK3	NM_004635_bp468_R	AGCTAAAAAGCATGGAAGGTGGTGAGTTGTTCTCTTGAAACAACTCACCACCTTCCATGCGG	Hs.234521	7254	-0.089	0.66778676	0.770337015	-1.319133333	2.13631378	0.245923668										
MAPKAPK3	NM_004635_bp468_R	AGCTAAAAAGCATGGAAGGTGGTGAGTTGTTCTCTTGAAACAACTCACCACCTTCCATGCGG	Hs.234521	12630	-0.196925	1.29448582	0.718873311	-0.581533333	3.23257896	0.706207693										
MAPKAPK3	NM_004635_bp512_R	AGCTAAAAAGCACCAATTTCACTGAGAGATCTCTTGAATCTCTACATGAAAGCCTCGGTCGG	Hs.234521	12632				-4.4968												
MAPKAPKS	NM_139078_bp1516_R	AGCTAAAAAGCAGGAAGGCTTGGAAGTATATCTCTTGAATTATACTTCCAAGCCTCCTGCGG	Hs.41901	665	-0.235725	0.20956495	0.18293035	-0.498075	0.60407045	0.140106229										
MAPKAPKS	NM_139078_bp1516_R	AGCTAAAAAGCAGGAAGGCTTGGAAGTATATCTCTTGAATTATACTTCCAAGCCTCCTGCGG	Hs.41901	6041	1.837466667	0.33872286	0.001039487	0.96635	0.43888572	0.009153233										
MAPKAPKS	NM_139078_bp1516_R	AGCTAAAAAGCAGGAAGGCTTGGAAGTATATCTCTTGAATTATACTTCCAAGCCTCCTGCGG	Hs.41901	11417	0.2808	1.03571139	0.534119316	0.290275	0.39682384	0.226204391										
MAPKAPKS	NM_139078_bp1586_R	AGCTAAAAAGTCGTGGATTCACAGATAAATCTCTTGAATTTATCTGTGAATCCACGACCGG	Hs.41901	666	-0.076025	0.54454853	0.770710403	0.145175	0.2170737	0.400802471										
MAPKAPKS	NM_139078_bp1586_R	AGCTAAAAAGTCGTGGATTCACAGATAAATCTCTTGAATTTATCTGTGAATCCACGACCGG	Hs.41901	6042	-0.00275	0.54328912	0.991535733	0.334175	0.24174855	0.101094996										
MAPKAPKS	NM_139078_bp1586_R	AGCTAAAAAGTCGTGGATTCACAGATAAATCTCTTGAATTTATCTGTGAATCCACGACCGG	Hs.41901	11418	0.083525	0.62413167	0.772581268	0.392275	0.22295342	0.061052754										
MAPKAPKS	NM_139078_bp544_R	AGCTAAAAAGGCCCGACTCTTAATTGTAATTCTCTTGAAATTACAATTAAGAGTCGGGCCGG	Hs.41901	12885	0.968525	2.06168753	0.28401394	1.5224	1.78615173	0.184231143										
MAPKAPKS	NM_139078_bp544_R	AGCTAAAAAGGCCCGACTCTTAATTGTAATTCTCTTGAAATTACAATTAAGAGTCGGGCCGG	Hs.41901	2133	-0.90515	0.60045679	0.075637728	-0.2672												
MAPKAPKS	NM_139078_bp544_R	AGCTAAAAAGGCCCGACTCTTAATTGTAATTCTCTTGAAATTACAATTAAGAGTCGGGCCGG	Hs.41901	7509	-0.85005	0.47086241	0.067633427	0.1781												
1-Mar	AK025005_bp1016_R	AGCTAAAAAGAGCTTCTGATTGATATATATCTCTTGAATAATATATCAATCAGAAGCTCGG	Hs.591701	3903	-0.2930375	0.86698162	0.451748289				0.153125	0.15065923	0.445493883							
1-Mar	AK025005_bp1016_R	AGCTAAAAAGAGCTTCTGATTGATATATATCTCTTGAATAATATATCAATCAGAAGCTCGG	Hs.591701	9279	-0.2102875	0.89051708	0.59219459				0.244275	0.37004604	0.312945028							
1-Mar	AK025005_bp1016_R	AGCTAAAAAGAGCTTCTGATTGATATATATCTCTTGAATAATATATCAATCAGAAGCTCGG	Hs.591701	14655	-0.2519625	0.47652264	0.313751125				0.01685	0.58119313	0.952610946							
1-Mar	AK025005_bp2050_R	AGCTAAAAAGAGGTGTCAATGCCAGAAATATCTCTTGAATATTTCTGGCATTGACACCTCGG	Hs.591701	3901	1.3257625	0.67669149	0.066109086				0.728175	0.58914398	0.037227028							
1-Mar	AK025005_bp2050_R	AGCTAAAAAGAGGTGTCAATGCCAGAAATATCTCTTGAATATTTCTGGCATTGACACCTCGG	Hs.591701	9277	1.4370125	0.75955169	0.006482468				0.725	0.57145403	0.035562403							
1-Mar	AK025005_bp2050_R	AGCTAAAAAGAGGTGTCAATGCCAGAAATATCTCTTGAATATTTCTGGCATTGACACCTCGG	Hs.591701	14653	1.4830875	0.75088001	0.005458439				0.873	0.58671574	0.01843422							
1-Mar	AK025005_bp2304_R	AGCTAAAAAGCCCACGATCTAGGATAATAATCTCTTGAATTATATCCTAGATCGTGGCCGG	Hs.591701	3899	-0.7121875	0.26046802	0.007342272				0.381775	1.01740843	0.376106201							
1-Mar	AK025005_bp2304_R	AGCTAAAAAGCCCACGATCTAGGATAATAATCTCTTGAATTATATCCTAGATCGTGGCCGG	Hs.591701	9275	-0.6786625	0.15771259	0.005078967				0.14415	0.29028553	0.51182911							
1-Mar	AK025005_bp2304_R	AGCTAAAAAGCCCACGATCTAGGATAATAATCTCTTGAATTATATCCTAGATCGTGGCCGG	Hs.591701	14651	-0.5956875	0.28164063	0.016772219				0.0606	0.41104619	0.801541096							
3-Mar	BC047569_bp571_R	AGCTAAAAAGACTGCTGTCATCCTCAAATCTCTTGAATTTGAGGATGACAGCCAGTGCGG	Hs.132441	4388	0.20175	0.21936831	0.248727636	1.35835	0.22148936	0.000580213	-0.4322	0.27791587	0.141827773							
3-Mar	BC047569_bp571_R	AGCTAAAAAGACTGGCTGTCATCCTCAAATCTCTTGAATTTGAGGATGACAGCCAGTGCGG	Hs.132441	9764	0.373125	0.24519464	0.067314143	1.25865	0.3270186	0.00160138	-0.2546	0.56403496	0.442241493							
3-Mar	BC047569_bp571_R	AGCTAAAAAGACTGGCTGTCATCCTCAAATCTCTTGAATTTGAGGATGACAGCCAGTGCGG	Hs.132441	15140	0.541975	0.65661226	0.115373117	1.17535	0.31426654	0.001956078	-0.45243333	0.19390504	0.114851267							
3-Mar	BC047569_bp776_R	AGCTAAAAAGTGGACCACCTGCACTTTAGTTTCTCTTGAAACTAAAGTGCAGGTGGTCCACGG	Hs.132441	4390	-0.22815	1.21351246	0.658927179	0.7184	0.42411146	0.053526326	0.295266667	1.50594852	0.637978393							
3-Mar	BC047569_bp776_R	AGCTAAAAAGTGGACCACCTGCACTTTAGTTTCTCTTGAAACTAAAGTGCAGGTGGTCCACGG	Hs.132441	9766	-0.16005	1.20965123	0.754882137	0.6438	0.40559645	0.143096631	0.2725	1.53863505	0.669202748							
3-Mar	BC047569_bp776_R	AGCTAAAAAGTGGACCACCTGCACTTTAGTTTCTCTTGAAACTAAAGTGCAGGTGGTCCACGG	Hs.132441	15142	-0.197075	1.20395215	0.700193214	0.0376	0.39890666	0.885376675	0.0493	1.50005633	0.939356965							
3-Mar	BC047569_bp833_R	AGCTAAAAAGTCGCACTTCTCACTATTTACTCTCTTGAAGTAAATAGTGAAGAGTGCGACGG	Hs.132441	4386	-0.622775	0.71920404	0.097457345	-0.6513	0.08718582	0.006099953	-0.31753333	0.61284962	0.362770851							
3-Mar	BC047569_bp833_R	AGCTAAAAAGTCGCACTTCTCACTATTTACTCTCTTGAAGTAAATAGTGAAGAGTGCGACGG	Hs.132441	9762	-0.6773	0.72913905	0.080584199	-0.6419	0.25593813	0.014463367	-0.04136667	0.44129874	0.88743097							
3-Mar	BC047569_bp833_R	AGCTAAAAAGTCGCACTTCTCACTATTTACTCTCTTGAAGTAAATAGTGAAGAGTGCGACGG	Hs.132441	15138	-0.6137	0.63655598	0.078214786	-0.5022	0.23957901	0.030894815	-0.3053	0.25158688	0.267170269							
5-Mar	NM_017824_bp647_R	AGCTAAAAAGTGACAGTGATGCAGGTTGTATCTCTTGAATACAACCTGCATCACTGTCACGG	Hs.573490	3446	0.256175	0.27361064	0.185633838				0.3628625	0.20068	0.109067521	1.824425	0.43581919	0.003573185	1.6647	0.47559816	0.005985161	
5-Mar	NM_017824_bp647_R	AGCTAAAAAGTGACAGTGATGCAGGTTGTATCTCTTGAATACAACCTGCATCACTGTCACGG	Hs.573490	8822	0.1766	0.27485629	0.339575826				0.5760625	0.18254133	0.023191625	1.828525	0.41180086	0.003010665	1.764325	0.52724432	0.006805058	
5-Mar	NM_017824_bp647_R	AGCTAAAAAGTGACAGTGATGCAGGTTGTATCTCTTGAATACAACCTGCATCACTGTCACGG	Hs.573490	14198	0.197125	0.20724554	0.251539557				0.3399875	0.25547777	0.141361451	1.812425	0.58337681	0.008401668	1.779325	0.569183181	0.008255696	
5-Mar	NM_017824_bp796_R	AGCTAAAAAGTGGCGCAAATACTCGAATAATCTCTTGAATTATCTGAGTATTTGCGCCACGG	Hs.573490	3442	0.86835	0.31841202	0.004582102				0.4416125	0.54306595	0.14245777	0.56965	0.39344266	0.062720188	0.60515	0.23759123	0.014624777	
5-Mar	NM_017824_bp796_R	AGCTAAAAAGTGGCGCAAATACTCGAATAATCTCTTGAATTATCTGAGTATTTGCGCCACGG	Hs.573490	8818	0.6319	0.20820423	0.008867093				0.4451375	0.52458433	0.13397203	0.602525	0.39609924	0.055766191	0.6505	0.25703612	0.014884289	
5-Mar	NM_017824_bp796_R	AGCTAAAAAGTGGCGCAAATACTCGAATAATCTCTTGAATTATCTGAGTATTTGCGCCACGG	Hs.573490	14194	0.994225	0.30493357	0.002330096				0.2312375	0.42479836	0.360381878	0.533925	0.40847616	0.008401668	0.67315	0.26430463	0.014427144	
5-Mar	NM_017824_bp880_R	AGCTAAAAAGGCCAATCCTTTAGCAGATCATCTCTTGAATGATCTGCTAAAGGATTGGCCGG	Hs.573490	3443	-0.192475	0.09404776	0.211198335				0.44685	0.29974257	0.243407107	0.27825	0.54922081	0.385558106	-0.2153	0.21041409	0.218356792	
5-Mar	NM_017824_bp880_R	AGCTAAAAAGGCCAATCCTTTAGCAGATCATCTCTTGAATGATCTGCTAAAGGATTGGCCGG	Hs.573490	8820	0.252125	0.49077916	0.322153174				0.2659375	0.26603841	0.237261645	0.34795	0.50467719	0.26177661	-0.1997	0.21895385	0.254936926	
5-Mar	NM_017824_bp880_R	AGCTAAAAAGGCCAATCCTTTAGCAGATCATCTCTTGAATGATCTGCTAAAGGATTGGCCGG	Hs.573490	14196	0.104875	0.67277093	0.732814229				0.4063875	0.29625517	0.097904345	0.419725	0.47307457	0.174084758	-0.1753	0.18281206	0.238619126	
MARCKS	NM_002356_bp2054_R	AGCTAAAAAGCTGTACCAGTCAGTGATTAATCTCTTGAATTAATCACTGACTGGTACAGCGG	Hs.519909	3376	-0.060675	0.30342499	0.742342887				0.533275	0.84284287	0.173815267							
MARCKS	NM_002356_bp2054_R	AGCTAAAAAGCTGTACCAGTCAGTGATTAATCTCTTGAATTAATCACTGACTGGTACAGCGG	Hs.519909	8752	-0.1255	0.30950885	0.508073587				0.6597	0.5384764	0.04430734							
MARCKS	NM_002356_bp2054_R	AGCTAAAAAGCTGTACCAGTCAGTGATTAATCTCTTGAATTAATCACTGACTGGTACAGCGG	Hs.519909	14128	-0.20365	0.25711295	0.260982105				0.559125	0.46267687	0.06002023							
MARCKS	NM_002356_bp2308_R	AGCTAAAAAGTGGATGGTTATCTTGTTTATATCTCTTGAATAATAACAGTAACCATTCACGG	Hs.519909	3374	-2.002825	0.42404072	0.000200083				0.32565	0.6770511	0.316090186							
MARCKS	NM_002356_bp2308_R	AGCTAAAAAGTGGATGGTTATCTTGTTTATATCTCTTGAATAATAACAGTAACCATTCACGG	Hs.519909	8750	-1.961575	0.25978342	7.01E-05				0.232325	0.50081117	0.410569869							
MARCKS	NM_002356_bp2308_R	AGCTAAAAAGTGGATGGTTATCTTGTTTATATCTCTTGAATAATAACAGTAACCATTCACGG	Hs.519909	14126	-1.517375	0.76415911	0.005273511				0.028225	0.44620951	0.909679564							
MARCKS	NM_002356_bp864_R	AGCTAAAAAGCTGAGCGGCTTCTCCTTCAATCTCTTGAATTGAAGGAGAAGCCGCTCAGCGG	Hs.519909	14124	-0.631925	0.08141562	0.00507349				-0.4419	0.38986476	0.09788799							
MARCKS	NM_002356_bp864_R	AGCTAAAAAGCTGAGCGGCTTCTCCTTCAATCTCTTGAATTGAAGGAGAAGCCGCTCAGCGG	Hs.519909	3372	-0.440233333	0.28786616	0.096823351				0.2384	0.30456279	0.388313493							
MARCKS	NM_002356_bp864_R	AGCTAAAAAGCTGAGCGGCTTCTCCTTCAATCTCTTGAATTGAAGGAGAAGCCGCTCAGCGG	Hs.519909	8748	-0.7418	0.16769529	0.014572802				-0.1073	0.24527383	0.678477586							
MARCKSL1	BI168218_bp1692_R	AGCTAAAAAGCCGGACTCGTATATCTGATCTCTCTTGAAGATCAGATATACGAGTCCGGCCGG	Hs.75061	4551	-0.2994	0.90180137	0.457259105	0.2255	0.83212326	0.654024317	-0.5445	1.59367726	0.440566848							
MARCKSL1	BI168218_bp1692_R	AGCTAAAAAGCCGGACTCGTATATCTGATCTCTCTTGAAGATCAGATATACGAGTCCGGCCGG	Hs.75061	9927	-0.30875	1.37597925	0.59712285	0.504675	0.37587072	0.058785484	-0.586	0.9886767	0.274637116							
MARCKSL1	BI168218_bp1692_R	AGCTAAAAAGCCGGACTCGTATATCTGATCTCTCTTGAAGATCAGATATACGAGTCCGGCCGG

MAST1	NM_014975_bp2755_R	AGCTAAAAAGGGGGCAAAGTCATCAAATCATCTCTTGAATGATTTGATGACTTTGCCCCCCGG	Hs.227489	12382	-0.2492	0.91391858	0.574271469										
MAST1	NM_014975_bp56_R	AGCTAAAAAGGACCGCGCTTTCTAATTTCTTCTCTTGAAAGAAATTAGAAAGCGCGGTCCGG	Hs.227489	1632	3.47445			-6.2721									
MAST1	NM_014975_bp56_R	AGCTAAAAAGGACCGCGCTTTCTAATTTCTTCTCTTGAAAGAAATTAGAAAGCGCGGTCCGG	Hs.227489	7008	2.55325			-6.4293									
MAST1	NM_014975_bp56_R	AGCTAAAAAGGACCGCGCTTTCTAATTTCTTCTCTTGAAAGAAATTAGAAAGCGCGGTCCGG	Hs.227489	12384	3.28895			-6.4184									
MAST2	NM_015112_bp1407_R	AGCTAAAAGTGGCCTCATTACATCACAATCTCTCTTGAAATTGTGATGTAATGAGGCCACGG	Hs.319481	1668	-0.0973	1.2925469	0.857897479	0.6506	1.45133508	0.384684357							
MAST2	NM_015112_bp1407_R	AGCTAAAAGTGGCCTCATTACATCACAATCTCTCTTGAAATTGTGATGTAATGAGGCCACGG	Hs.319481	7044	-0.164675	1.15210686	0.737038955	1.1594	0.53227839	0.020399272							
MAST2	NM_015112_bp1407_R	AGCTAAAAGTGGCCTCATTACATCACAATCTCTCTTGAAATTGTGATGTAATGAGGCCACGG	Hs.319481	12420	-0.31925	1.34364132	0.576886572	0.5976	1.3909379	0.403846337							
MAST2	NM_015112_bp1775_R	AGCTAAAAAGGGGCATCTCTGCCATCTAAATCTCTTGAATTTAGATGGCAGAGATGCCCCGG	Hs.319481	7046	1.3298	2.87717302	0.32402943	-2.84035	4.33958503	0.259632851							
MAST2	NM_015112_bp1775_R	AGCTAAAAAGGGGCATCTCTGCCATCTAAATCTCTTGAATTTAGATGGCAGAGATGCCCCGG	Hs.319481	12422	1.367233333	2.94678183	0.322195872	-2.80155	4.91163441	0.310367811							
MAST2	NM_015112_bp1775_R	AGCTAAAAAGGGGCATCTCTGCCATCTAAATCTCTTGAATTTAGATGGCAGAGATGCCCCGG	Hs.319481	1670	2.481175	0.37119571	0.00297183										
MAST2	NM_015112_bp2146_R	AGCTAAAAAGGCCCTGGAGTACTTACACAATCTCTTGAATTGTGTAAGTACTCCAGGGCCGG	Hs.319481	520	-0.1548	1.08173703	0.73804019	1.137766667	0.68891561	0.036600947							
MAST2	NM_015112_bp2146_R	AGCTAAAAAGGCCCTGGAGTACTTACACAATCTCTTGAATTGTGTAAGTACTCCAGGGCCGG	Hs.319481	5896	-0.280525	0.65665682	0.369966917	0.125233333	1.0117872	0.806010582							
MAST2	NM_015112_bp2146_R	AGCTAAAAAGGCCCTGGAGTACTTACACAATCTCTTGAATTGTGTAAGTACTCCAGGGCCGG	Hs.319481	11272	0.1228	0.46948361	0.605321814	0.5104	0.2023808	0.063865156							
MAST3	NM_038150_bp1311_R	AGCTAAAAAGCGCCACCTATGTATGGTCATTCTCTTGAAATGACCATACATAGGTGGCGCGG	Hs.466184	827	-0.372666667	1.90948718	0.663328379	1.0843									
MAST3	XM_038150_bp1311_R	AGCTAAAAAGCGCCACCTATGTATGGTCATTCTCTTGAATGACCATACATAGGTGGCGCGG	Hs.466184	6203	0.733	1.36358472	0.310816647	1.329									
MAST3	XM_038150_bp1311_R	AGCTAAAAAGCGCCACCTATGTATGGTCATTCTCTTGAATGACCATACATAGGTGGCGCGG	Hs.466184	11579	-0.3347												
MAST3	XM_038150_bp1732_R	AGCTAAAAGTGGCCTTTCTTTGGAGATACCCTCTCTTGAAGGTATCTCCAAAGAAAGGCACGG	Hs.466184	1988	1.0106			-0.389325	0.52868089	0.188714605							
MAST3	XM_038150_bp1732_R	AGCTAAAAGTGGCCTTTCTTTGGAGATACCCTCTCTTGAAGGTATCTCCAAAGAAAGGCACGG	Hs.466184	7364	0.75945	0.82116311	0.159972379	-0.214025	0.59535792	0.475681006							
MAST3	XM_038150_bp1732_R	AGCTAAAAGTGGCCTTTCTTTGGAGATACCCTCTCTTGAAGGTATCTCCAAAGAAAGGCACGG	Hs.466184	12740	0.58775	0.98591899	0.295607661	-0.160625	0.57024292	0.575388593							
MAST4	XM_291141_bp1319_R	AGCTAAAAGGGGGAGACTGTGCTACTTTAATCTCTTGAATTAAAGTAGCACAGTCTCCCCGG	Hs.133539	869	-1.3073			-0.6781									
MAST4	XM_291141_bp1319_R	AGCTAAAAGGGGGAGACTGTGCTACTTTAATCTCTTGAATTAAAGTAGCACAGTCTCCCCGG	Hs.133539	6245	-1.2347			-0.6686									
MAST4	XM_291141_bp1319_R	AGCTAAAAAGGGGGAGACTGTGCTACTTTAATCTCTTGAATTAAAGTAGCACAGTCTCCCCGG	Hs.133539	11621	-0.1704	1.26755962	0.78346718	-0.5867									
MAST4	XM_291141_bp1567_R	AGCTAAAAAGCTAGAGAGTTCCTGGATAAATCTCTTGAATTTATCCAGGAACTCTCTAGCGG	Hs.133539	870	1.03855	0.41754655	0.037181632	1.066766667	0.51133357	0.024178675							
MAST4	XM_291141_bp1567_R	AGCTAAAAAGCTAGAGAGTTCCTGGATAAATCTCTTGAATTTATCCAGGAACTCTCTAGCGG	Hs.133539	6246	0.95445	0.53520912	0.058575046	1.009566667	0.44584787	0.022290973							
MAST4	XM_291141_bp1567_R	AGCTAAAAAGCTAGAGAGTTCCTGGATAAATCTCTTGAATTTATCCAGGAACTCTCTAGCGG	Hs.133539	11622	1.3488	0.42749591	0.064961246	1.1243	0.56398837	0.063580972							
MAST4	XM_291141_bp2703_R	AGCTAAAAAGCTGCACAGATGGGAAGATATTCTCTTGAAATATCTTCCCATCTGTGCAGCGG	Hs.133539	871	0.567633333	0.44164068	0.081512634	0.28745	0.30087394	0.392787752							
MAST4	XM_291141_bp2703_R	AGCTAAAAAGCTGCACAGATGGGAAGATATTCTCTTGAAATATCTTCCCATCTGTGCAGCGG	Hs.133539	6247	0.610333333	0.46348041	0.072371694	0.854733333	0.75673203	0.092107333							
MAST4	XM_291141_bp2703_R	AGCTAAAAAGCTGCACAGATGGGAAGATATTCTCTTGAAATATCTTCCCATCTGTGCAGCGG	Hs.133539	11623	0.5702	0.42961024	0.077605803	0.950033333	0.80605257	0.080837129							
MASTL	NM_032844_bp227_R	AGCTAAAAAGGCGGCAAATTGTATGCAGTATCTCTTGAATACTGCATACAATTTGCCGCCCGG	Hs.276905	2021	0.193925	0.443031	0.407576113	0.395875	0.44536665	0.142524789							
MASTL	NM_032844_bp227_R	AGCTAAAAAGCGGCAAATTGTATGCAGTATCTCTTGAATACTGCATACAATTTGCCGCCCGG	Hs.276905	7397	-0.00105	0.54273748	0.996765739	0.35515	0.41280422	0.161691637							
MASTL	NM_032844_bp227_R	AGCTAAAAAGCGGCAAATTGTATGCAGTATCTCTTGAATACTGCATACAATTTGCCGCCCGG	Hs.276905	12773	0.3314	0.54851806	0.239556123	0.46215	0.42496243	0.091785352							
MASTL	NM_032844_bp333_R	AGCTAAAAAGCCCATTCATTGTCCATTTGTTCTCTTGAAACAAATGGACAATGAATGGGCGG	Hs.276905	589	0.11175	0.26472049	0.528051333	0.280875	0.23580044	0.148041476							
MASTL	NM_032844_bp333_R	AGCTAAAAAGCCCATTCATTGTCCATTTGTTCTCTTGAAACAAATGGACAATGAATGGGCGG	Hs.276905	5965	0.4057	0.27399292	0.05946722	0.80945	0.24609554	0.005706943							
MASTL	NM_032844_bp333_R	AGCTAAAAAGCCCATTCATTGTCCATTTGTTCTCTTGAAACAAATGGACAATGAATGGGCGG	Hs.276905	11341	0.451375	0.25030157	0.038116632	0.84135	0.2575159	0.00525568							
MASTL	NM_032844_bp816_R	AGCTAAAAAGCCTATGTCTGTAGATCAAATCTCTTGAATTTGATCTACAGACATAGGGCCGG	Hs.276905	590	-0.617325	0.15673862	0.007500133	0.058425	0.17689233	0.716829273							
MASTL	NM_032844_bp816_R	AGCTAAAAAGCCCTATGTCTGTAGATCAAATCTCTTGAATTTGATCTACAGACATAGGGCCGG	Hs.276905	5966	-0.409525	0.20602311	0.042843616	0.206975	0.13385239	0.206062952							
MASTL	NM_032844_bp816_R	AGCTAAAAAGCCCTATGTCTGTAGATCAAATCTCTTGAATTTGATCTACAGACATAGGGCCGG	Hs.276905	11342	-0.1741	0.1326825	0.266006713	0.53545	0.18712343	0.019181847							
MATK	NM_139355_bp1327_R	AGCTAAAAAGCGAACCTGGTGAACTTTCTGTCTCTTGAACAGAAAGTTCACCAGGTTGCCGG	Hs.515069	670	-0.491425	0.3571618	0.048261371	-0.025575	0.41020664	0.908943634							
MATK	NM_139355_bp1327_R	AGCTAAAAAGCGAACCTGGTGAACTTTCTGTCTCTTGAACAGAAAGTTCACCAGGTTGCCGG	Hs.515069	6046	-0.32775	0.29904533	0.117295391	0.113575	0.37340801	0.596847023							
MATK	NM_139355_bp1327_R	AGCTAAAAAGCGAACCTGGTGAACTTTCTGTCTCTTGAACAGAAAGTTCACCAGGTTGCCGG	Hs.515069	11422	-0.239575	0.47473196	0.334653488	0.20105	0.47068375	0.429034209							
MATK	NM_139355_bp548_R	AGCTAAAAAGCACCCAGTGATCACCAAATCTCTTGAAATTTGGTGATACACTGGGTGCCGG	Hs.515069	2165	-0.844875	0.3451145	0.006085362	0.4179	0.38058241	0.0996375							
MATK	NM_139355_bp548_R	AGCTAAAAAGCACCCAGTGATCACCAAATCTCTTGAAATTTGGTGATACACTGGGTGCCGG	Hs.515069	7541	-0.6603	0.56818017	0.048690008	0.691975	0.44163932	0.0302738							
MATK	NM_139355_bp548_R	AGCTAAAAAGCACCCAGTGATCACCAAATCTCTTGAAATTTGGTGATACACTGGGTGCCGG	Hs.515069	12917	-0.235375	1.04615661	0.603233458	0.956225	0.32354095	0.004779245							
MATK	NM_139355_bp945_R	AGCTAAAAGCCCGTGTTCTTCTGCAACCTTCTCTTGAAAGGTTGCAGAAGAACACGGCCGG	Hs.515069	671	-0.1837	0.1655362	0.258816724	-0.43765	0.16657518	0.03439516							
MATK	NM_139355_bp945_R	AGCTAAAAGCCCGTGTTCTTCTGCAACCTTCTCTTGAAAGGTTGCAGAAGAACACGGCCGG	Hs.515069	11423	-0.05675	0.11978989	0.696592748	0.561275	0.50873928	0.076071747							
MATK	NM_139355_bp945_R	AGCTAAAAGCCCGTGTTCTTCTGCAACCTTCTCTTGAAAGGTTGCAGAAGAACACGGCCGG	Hs.515069	6047	-0.099275	0.17429101	0.526186512	0.9726									
MCAM	BC041366_bp1129_R	AGCTAAAAAGTGGCCACTATACAGCCTATCTCTTGAAAGGTTGCAGAAGAACACGGCCGG	Hs.524085	4322	-0.46935	1.07777449	0.331099741	0.26115	0.55584479	0.367928435	-0.5284	1.61622997	0.437596673				
MCAM	BC041366_bp1129_R	AGCTAAAAGTGGCCACTATACAGCCTAATTTCTCTTGAAATGAGGCTGTATAGTGGCCACGG	Hs.524085	9698	-0.301575	0.81634831	0.417030018	0.571725	0.58253164	0.094514389	-0.61293333	1.70683141	0.393822082				
MCAM	BC041366_bp1129_R	AGCTAAAAGTGGCCACTATACAGCCTAATTTCTCTTGAAATGAGGCTGTATAGTGGCCACGG	Hs.524085	15074	-0.797035	0.90516293	0.085575652	0.392725	0.51538976	0.178965363	-0.5268	1.58765247	0.432487399				
MCAM	BC041366_bp464_R	AGCTAAAAGATCGGGGATCTCTTTGTTGTCTCTTGAACAACAAAGATCCCCGATCCGGG	Hs.524085	4296	-0.098025	0.45525723	0.67233354	0.261115	0.55584479	0.367928435	-0.5284	1.61622997	0.437596673				
MCAM	BC041366_bp464_R	AGCTAAAAGATCGGGGATCTCTTTGTTGTCTCTTGAACAACAAAGATCCCCGATCCGGG	Hs.524085	9672	-0.049225	0.54715726	0.850441121	0.318675	0.26872017	0.125139242	0.759733333	1.8524235	0.331434811				
MCAM	BC041366_bp464_R	AGCTAAAAGATCGGGGATCTCTTTGTTGTCTCTTGAACAACAAAGATCCCCGATCCGGG	Hs.524085	15048	0.20695	0.47271359	0.397645057	0.02045	0.17416801	0.895615521	0.461766667	1.95126683	0.560503134				
MCAM	BC041366_bp694_R	AGCTAAAAAGGATCGGGGATCTCTTTGTTGTCTCTTGAACAACAAAGATCCCCGATCCGGG	Hs.524085	4324	0.510425	1.38945254	0.397930266	-0.1515	0.42662345	0.519130266	-0.6322	0.81041597	0.14825264				
MCAM	BC041366_bp694_R	AGCTAAAAGATCGGGGATCTCTTTGTTGTCTCTTGAACAACAAAGATCCCCGATCCGGG	Hs.524085	9700	0.409075	1.31869972	0.471861297	-0.2276	0.23523223	0.222475744	-0.80213333	0.80503598	0.08119806				
MCAM	BC041366_bp694_R	AGCTAAAAGATCGGGGATCTCTTTGTTGTCTCTTGAACAACAAAGATCCCCGATCCGGG	Hs.524085	15076	0.155433333	1.05235271	0.752418509	-0.0842									
MCC	NM_002387_bp2495_R	AGCTAAAAAGCAGAGTTCGTGAATGATCTATCTCTTGAATAGATCATTCACGAACTTCGCGG	Hs.588579	8229	0.23955	0.14255273	0.27628579				-0.92395	1.45491585	0.182902341				
MCC	NM_002387_bp2495_R	AGCTAAAAGCAGAGTTCGTGAATGATCTATCTCTTGAATAGATCATTCACGAACTTCGCGG	Hs.588579	2853							-0.4719						
MCC	NM_002387_bp2495_R	AGCTAAAAGCAGAGTTCGTGAATGATCTATCTCTTGAATAGATCATTCACGAACTTCGCGG	Hs.588579	13605							-0.3964						
MCC	NM_002387_bp308_R	AGCTAAAAAGGAGATATAGTGGAACTTAATTCTCTTGAAATTAAGTTCCACTATATCTCCGG	Hs.588579	2851	-1.24625						0.256575	0.09210066	0.392682352				
MCC	NM_002387_bp308_R	AGCTAAAAGGAGATATAGTGGAACTTAATTCTCTTGAAATTAAGTTCCACTATATCTCCGG	Hs.588579	8227	-1.19085						0.12685						
MCC	NM_002387_bp308_R	AGCTAAAAAGGAGATATAGTGGAACTTAATTCTCTTGAAATTAAGTTCCACTATATCTCCGG	Hs.588579	13603	-1.20345						0.13425	0.2652004	0.61932295				
MCM5	NM_006739_bp1351_R	AGCTAAAAGTCCCCGGAATTTCATCATGGATCTTTGAATCCATGATGAAATTCCGGGACGG	Hs.517582	2835	-0.37105	0.27678765	0.12618714				1.0657625	1.34928398	0.070983165				
MCM5	NM_006739_bp1351_R	AGCTAAAGTCCCCGGAATTTCATCATGGATCTTTGAATCCATGATGAAATTCCGGGACGG	Hs.517582	8211	-0.370375	0.31027653	0.150286417				1.1841375	1.13792065	0.030750404				
MCM5	NM_006739_bp1351_R	AGCTAAAGTCCCCGGAATTTCATCATGGATCTTTGAATCCATGATGAAATTCCGGGACGG	Hs.517582	13587	-0.33835	0.19798154	0.126168379				0.9112375	1.20940626	0.083785292				
MCM5	NM_006739_bp229_R	AGCTAAAAAGGGCTTCACCTTCAAATACAGTCTCTTGAACTGTATTTGAAGGTGAAGCCCGG	Hs.517582	2837	0.27085	0.79312804	0.365274701				0.2872375	1.00464665	0.436342366				
MCM5	NM_006739_bp229_R	AGCTAAAAGGGCTTCACCTTCAAATACAGTCTCTTGAACTGTATTTGAAGGTGAAGCCCGG	Hs.517582	8213	0.240725	0.77038617	0.39675788				0.2853875	1.02400814	0.445509381				
MCM5	NM_006739_bp229_R	AGCTAAAAGGGCTTCACCTTCAAATACAGTCTCTTGAACTGTATTTGAAGGTGAAGCCCGG	Hs.517582	13589	0.24735	0.77878808	0.391273667				0.2600125	1.02475391	0.48000123				
MCM5	NM_006739_bp334_R	AGCTAAAAAGGCCGACTACTTTGTACAAGCATCTCTTGAATGCTTGTACAAGTAGTCGGCCGG	Hs.517582	2833	-1.323925	0.58673779	0.005428533				0.193283333	0.84951217	0.565121637				
MCM5	NM_006739_bp334_R	AGCTAAAAGGCCGACTACTTTGTACAAGCATCTCTTGAATGCTTGTACAAGTAGTCGGCCGG	Hs.517582	8209	-1.336975	0.60135198	0.005597245				0.126416667	0.90312844	0.690016719				
MCM5	NM_006739_bp334_R	AGCTAAAAGGCCGACTACTTTGTACAAGCATCTCTTGAATGCTTGTACAAGTAGTCGGCCGG	Hs.517582	13585	-1.3068	0.58808534	0.005777712				0.091816667	0.86745048	0.743953659				
MCM7	NM_182776_bp1123_R	AGCTAAAAAGGTGGCCACTTACACTTGTGATCTCTTGAATCACAAGTGTAAGTGGCCACCGG	Hs.438720	2841	2.863575	1.86941822	0.010503656				-0.0490625	1.43583429	0.991059097				
MCM7	NM_182776_bp1123_R	AGCTAAAAGTGGCCACTTACACTTGTGATCTCTTGAATCACAAGTGTAAGTGGCCACCGG	Hs.438720	8217	2.307475	1.09774879	0.003152423				-0.0119625	1.35011607	0.953445639				
MCM7	NM_182776_bp1123_R	AGCTAAAAGTGGCCACTTACACTTGTGATCTCTTGAATCACAAGTGTAAGTGGCCACCGG	Hs.438720	13593	2.1806	0.97931705	0.002589827				0.0207125	1.34993086	0.904307998				
MCM7	NM_182776_bp1265_R	AGCTAAAAGGGCTCCAGATTCATCAAATTCTCTCTTGAAGAATTTGATGAATCTGGAGCCCGG	Hs.438720	2839	0.291825	0.3333182	0.109945638				-0.4146375	0.36872181	0.143320028				
MCM7	NM_182776_bp1265_R	AGCTAAAAGGGCTCCAGATTCATCAAATTCTCTCTTGAAGAATTTGATGAATCTGGAGCCCGG	Hs.438720	8215	0.30505	0.28238845	0.081118633				-0.5213125	0.31807209	0.062836995				
MCM7	NM_182776_bp1265_R	AGCTAAAAGGGCTCCAGATTCATCAAATTCTCTCTTGAAGAATTTGATGAATCTGGAGCCCGG	Hs.438720	13591	0.379125	0.26955156	0.043497715				-0.4651625	0.34520269	0.098311532				
MCM7	NM_182776_bp1487_R	AGCTAAAAAGCCCATCGGATTGTGAAGATGTCTCTTGAACATCTTCACAATCCGATGGGCGG	Hs.438720	2843							-0.53481667	0.20304535	0.092586657				
MCM7	NM_182776_bp1487_R	AGCTAAAAAGCCCATCGGATTGTGAAGATGTCTCTTGAACATCTTCACAATCCGATGGGCGG	Hs.438720	8219	-1.15445						-0.57541667	0.23117856	0.077424254				
MCM7	NM_182776_bp1487_R	AGCTAAAAGCCCATCGGATTGTGAAGATGTCTCTTGAACATCTTCACAATCCGATGGGCGG	Hs.438720	13595	-1.11505						-0.61538333	0.24090595	0.063688541				
MDM2	M92424_bp1162_R	AGCTAAAAAGGGAGAGTGATACAGATTCATTCTCTTGAATGAATCTGTATCACTCTCCCGG	Hs.369849	4853	1.8742125	0.56513335	0.000707902	1.6331125	0.90540723	0.010954332				1.5237	0.5336747	0.010654343	1.63915	0.67120849	0.016411681
MDM2	M92424_bp1162_R	AGCTAAAAGGGAGAGTGATACAGATTCATTCTCTTGAATGAATCTGTATCACTCTCCCGG	Hs.369849	10229	1.6098125	0.62917114	0.00205651	1.2005375	0.66419068	0.012808321				1.539125	0.53877615	0.010637705	1.582525	0.67729015	0.01850637
MDM2	M92424_bp1162_R	AGCTAAAAGGGAGAGTGATACAGATTCATTCTCTTGAATGAATCTGTATCACTCTCCCGG	Hs.369849	15605	1.6968625	0.6475942	0.001797753	1.1660125	0.6420871	0.012890824				1.568325	0.5377316	0.010037526	1.628075	0.68648764	0.011774077
MDM2	M92424_bp483_R	AGCTAAAAGGCCCAGGATTGCACTGATCATCAAATTCTCTCTTGAAGCATTTGATGCTCCCGG	Hs.369849	4849	-0.4284625	0.46269634	0.109773057	-0.6183875	0.49202734	0.054090813	-0.063433333	0.5771452	0.086593003	-0.288425	0.338380	0.1867895			
MDM2	M92424_bp483_R	AGCTAAAAGGCCCAGTATATTATGACTAAATCTCTTGAATTTAGTCATAATATACTGGCCGG	Hs.369849	10225	-0.6127875	0.46332755	0.039077979	-0.6519125	0.52677958	0.055350537	0.08045	0.54012441	0.78522292	-0.20225	0.24783729	0.201156384			
MDM2	M92424_bp483_R	AGCTAAAAGGCCCAGTATATTATGACTAAATCTCTTGAATTTAGTCATAATATACTGGCCGG	Hs.369849	15601	-0.4916125	0.43982616	0.069526859	-0.3159125	0.46927411	0.23584152	0.056775	0.54350153	0.847890026	-0.31125	0.378849	0.197102657			
MDM2	M92424_bp573_R	AGCTAAAAAGTGCCAAGCTTCTCTGTGAAATCTCTTGAATTTCACAGAGAAGCTTGGCACGG	Hs.369849	4851	0.1063875	0.78794847	0.760857636	0.3532625	0.61710218	0.273118858	0.327366667	0.87506218	0.583456494	0.8005	0.445881164	0.037006373			
MDM2	M92424_bp573_R	AGCTAAAAAGTGCCAAGCTTCTCTGTGAAATCTCTTGAATTTCACAGAGAAGCTTGGCACGG	Hs.369849	10227	0.2678375	0.76603156	0.444918886	0.3506875	0.4219974	0.170723343	0.356066667	0.86095532	0.548139541	0.834475	0.44567471	0.033235395			
MDM2	M92424_bp573_R	AGCTAAAAAGTGCCAAGCTTCTCTGTGAAATCTCTTGAATTTCACAGAGAAGCTTGGCACGG	Hs.369849	15603	0.1813375	0.80711658	0.614372489	0.5512375	0.57962155	0.102561522	0.098666667	0.54759723	0.784508741	0.792375	0.42901129	0.034421851			
MED12L	AF399708_bp1111_R	AGCTAAAAAGTCCCCTGGTTTATGGACTTATCTCTTGAATAAGTCCATAAACCAGGGGACGG	Hs.58561	3694							-0.12895	0.49564663	0.624759355				
MED12L	AF399708_bp1111_R	AGCTAAAAGTCCCCTGGTTTATGGACTTATCTCTTGAATAAGTCCATAAACCAGGGGACGG	Hs.58561	9070							-0.1769	0.45732302	0.49070282				
MED12L	AF399708_bp1111_R	AGCTAAAAGTCCCCTGGTTTATGGACTTATCTCTTGAATAAGTCCATAAACCAGGGGACGG	Hs.58561	14446							-0.1345	0.43749338	0.648465698				
MED12L	AF399708_bp4074_R	AGCTAAAAAGTGGCCGAAATGAACAACTTATCTCTTGAATAAGTTGTTCATTTCGGCCACGG	Hs.58561	3696	0.7807						-0.306425	0.5408021	0.285377262				
MED12L	AF399708_bp4074_R	AGCTAAAAAGTGGCCGAAATGAACAACTTATCTCTTGAATAAGTTGTTCATTTCGGCCACGG	Hs.58561	9072	0.648						-0.293125	0.55821593	0.312353726				
MED12L	AF399708_bp4074_R	AGCTAAAAAGTGGCCGAAATGAACAACTTATCTCTTGAATAAGTTGTTCATTTCGGCCACGG	Hs.58561	14448	0.7845						-0.2928	0.53927693	0.304703901				
MED12L	AF399708_bp529_R	AGCTAAAAAGTGCCTATTATTCTGCTATATTCTCTTGAAATATAGCAGAATAATAGGCACGG	Hs.58561	3692	-0.4362375	0.36227771	0.070651927				-0.2401	0.3143604	0.298474394				
MED12L	AF399708_bp529_R	AGCTAAAAAGTGCCTATTATTCTGCTATATTCTCTTGAAATATAGCAGAATAATAGGCACGG	Hs.58561	9068	-0.4146625	0.28445702	0.058324247				-0.02465	0.45844219	0.921992541				
MED12L	AF399708_bp529_R	AGCTAAAAAGTGCCTATTATTCTGCTATATTCTCTTGAAATATAGCAGAATAATAGGCACGG	Hs.58561	14444	-0.2405375	0.21807862	0.179792423				-0.189675	0.42086552	0.446207153				
MEF2C	AL833268_bp1897_R	AGCTAAAAAGCGGGGGTCGATATGCATTATATCTCTTGAATATAATGCATATCCGACCCCCCGG	Hs.444409	4700	0.4134625	0.10223156	0.028069901	0.2749625	0.12191863	0.109889813							
MEF2C	AL833268_bp1897_R	AGCTAAAAAGCGGGGGTCGATATGCATTATATCTCTTGAATATAATGCATATCCGACCCCCCGG	Hs.444409	10076	0.4505625	0.04371905	0.018057099	0.3353875	0.10515671	0.062324066							
MEF2C	AL833268_bp1897_R	AGCTAAAAAGCGGGGGTCGATATGCATTATATCTCTTGAATATAATGCATATCCGACCCCCCGG	Hs.444409	15452	0.4769625	0.05465341	0.014824841	0.3429125	0.16664014	0.071279649							
MEF2C	AL833268_bp1979_R	AGCTAAAAAGCCTCAGTGATCAGTATAAATCTCTTGAATTTATACTGTATCACTGAGGCGG	Hs.444409	4704	-0.1093625	0.13339198	0.467464818	0.2433125	0.25059703	0.205933574							
MEF2C	AL833268_bp1979_R	AGCTAAAAAGCCTCAGTGATCAGTATAAATCTCTTGAATTTATACTGTATCACTGAGGCGG	Hs.444409	10080	0.0812625	0.17909396	0.603415905	0.2639375	0.17788656	0.150057773							
MEF2C	AL833268_bp1979_R	AGCTAAAAAGCCTCAGTGATCAGTATAAATCTCTTGAATTTATACTGTATCACTGAGGCGG	Hs.444409	15456	0.0042875	0.14107348	0.976809705	0.2887125	0.23850548	0.140697991							
MEF2C	AL833268_bp2217_R	AGCTAAAAAGCAGCTGTTATGCAACATATATCTCTTGAATATATGTTGCATAACAGCTGCGG	Hs.444409	4702	0.9535625	0.49649721	0.009118092	1.5556375	0.53359033	0.002402411							
MEF2C	AL833268_bp2217_R	AGCTAAAAAGCAGCTGTTATGCAACATATATCTCTTGAATATATGTTGCATAACAGCTGCGG	Hs.444409	10078	0.9187375	0.47967835	0.00963597	1.4471125	0.53046562	0.003167096							
MEF2C	AL833268_bp2217_R	AGCTAAAAAGCAGCTGTTATGCAACATATATCTCTTGAATATATGTTGCATAACAGCTGCGG	Hs.444409	15454	1.0762125	0.51070522	0.006015063	1.6368125	0.49132235	0.001521517							
MELK	NM_014791_bp1081_R	AGCTAAAAAGCTACCTATCTTCTGCTTCTATCTCTTGAATAGAAGCAGAAGATAGGTAGCGG	Hs.184339	497	-0.63055	0.76937294	0.109359748	0.323033333	0.40024231	0.263897997							
MELK	NM_014791_bp1081_R	AGCTAAAAAGCTACCTATCTTCTGCTTCTATCTCTTGAATAGAAGCAGAAGATAGGTAGCGG	Hs.184339	5873	-0.57695	0.70462272	0.113769344	0.317333333	0.47599584	0.310287009							
MELK	NM_014791_bp1081_R	AGCTAAAAAGCTACCTATCTTCTGCTTCTATCTCTTGAATAGAAGCAGAAGATAGGTAGCGG	Hs.184339	11249	-0.757875	0.84855112	0.084192359	0.323033333	0.38390773	0.255629804							
MELK	NM_014791_bp1243_R	AGCTAAAAAGCGGGATTAATAGACTATGATTCCTTTGAAATCATAGTCTATTAATCCCGCGG	Hs.184339	624	-0.679275	1.35997039	0.263838262	0.462533333	0.25171425	0.092929673							
MELK	NM_014791_bp1243_R	AGCTAAAAAGCGGGATTAATAGACTATGATTCCTTTGAAATCATAGTCTATTAATCCCGCGG	Hs.184339	7000	-0.89455	0.80381701	0.044893264	0.432966667	0.3185674	0.129107466							
MELK	NM_014791_bp1243_R	AGCTAAAAAGCGGGATTAATAGACTATGATTCCTTTGAAATCATAGTCTATTAATCCCGCGG	Hs.184339	12376	-1.1155	0.89178876	0.029002092	0.381533333	0.37092078	0.188486557							
MELK	NM_014791_bp1343_R	AGCTAAAAGGTGGAATCTAAATCATTAATCTCTTGAATTAATGATTAGATT

MET	NM_000245_bp2198_R	AGCTAAAAGGTGGCACTTACTTACTTTATCTCTTGAATAAAGTAAGTAAAGTGCCACCGG	Hs.132966	106	-1.0878	0.23263813	0.023185096	-0.3302875	0.56096405	0.270310298									
MET	NM_000245_bp2198_R	AGCTAAAAGGTGGCACTTACTTACTTTATCTCTTGAATAAAGTAAGTAAAGTGCCACCGG	Hs.132966	5482	-1.2935			0.2212	2.04085159	0.832811946									
MET	NM_000245_bp2198_R	AGCTAAAAGGTGGCACTTACTTACTTTATCTCTTGAATAAAGTAAGTAAAGTGCCACCGG	Hs.132966	10858	-1.2068			-0.1867875	1.31520723	0.750431015									
MET	NM_000245_bp2501_R	AGCTAAAAGTCCCGAGAATGGTGATAAATTCTCTTGAAATTTATGACCATTCTCGGGACGG	Hs.132966	10859				-0.0162											
MET	NM_000245_bp2501_R	AGCTAAAAGTCCCGAGAATGGTGATAAATTCTCTTGAAATTTATGACCATTCTCGGGACGG	Hs.132966	107															
MET	NM_000245_bp2501_R	AGCTAAAAGTCCCGAGAATGGTGATAAATTCTCTTGAAATTTATGACCATTCTCGGGACGG	Hs.132966	5483															
MET	NM_000245_bp3863_R	AGCTAAAAGCCAGAGACATGTATGATAAATCTCTTGAATTTATCATACATGTCTCTGGCGG	Hs.132966	108	-0.5591	0.07825505	0.008354463	-0.3627625	0.52424588	0.212667552									
MET	NM_000245_bp3863_R	AGCTAAAAGCCAGAGACATGTATGATAAATCTCTTGAATTTATCATACATGTCTCTGGCGG	Hs.132966	5484	-0.493875	0.0810632	0.011756608	-0.3020875	0.44627071	0.240111816									
MET	NM_000245_bp3863_R	AGCTAAAAGCCAGAGACATGTATGATAAATCTCTTGAATTTATCATACATGTCTCTGGCGG	Hs.132966	10860	-0.506275	0.11592318	0.01393719	-0.2464125	0.45429885	0.330460947									
METAP2	AK125296_bp1324_R	AGCTAAAAGGATGTTCTCTCAATAATTGTTCTCTTGAAACAATTATTGAGAGAACATCCGG	Hs.591005	3865		1.0028625	0.66235168	0.017282603						0.86505	0.2004494	0.004051962			
METAP2	AK125296_bp1324_R	AGCTAAAAGGATGTTCTCTCAATAATTGTTCTCTTGAAACAATTATTGAGAGAACATCCGG	Hs.591005	9241	1.1690375	0.68193303	0.010459474							0.918725	0.2179928	0.00321937			
METAP2	AK125296_bp1324_R	AGCTAAAAGGATGTTCTCTCAATAATTGTTCTCTTGAAACAATTATTGAGAGAACATCCGG	Hs.591005	14617	1.0821875	0.62616995	0.010865488							1.214275	0.5518492	0.003589631			
METAP2	AK125296_bp2144_R	AGCTAAAGCAAACTGTCTAATGTAATATCTCTTGAATAATTACATTAGACAGTTTGCGG	Hs.591005	4200	-0.4276625	0.26458642	0.04848422							0.663775	0.38981459	0.02569088			
METAP2	AK125296_bp2144_R	AGCTAAAAGCAAACTGTCTAATGTAATATCTCTTGAATAATTACATTAGACAGTTTGCGG	Hs.591005	9576	-0.333816667	0.2054797	0.148040932							0.50605	0.16939895	0.036629011			
METAP2	AK125296_bp2144_R	AGCTAAAAGCAAACTGTCTAATGTAATATCTCTTGAATAATTACATTAGACAGTTTGCGG	Hs.591005	14952	-0.4775625	0.17816342	0.022364778							0.4563	0.26539562	0.064808079			
METAP2	AK125296_bp358_R	AGCTAAAGAGGCTCACTTCCCCTTTAAATCTCTTGAATTTAAAGGGGAAGTTGAGCTCGG	Hs.591005	4198	-0.5995125	0.71779205	0.107400744							-0.102475	0.46854945	0.688819098			
METAP2	AK125296_bp358_R	AGCTAAAAGAGCTCAACTTCCCCTTTAAATCTCTTGAATTTAAAGGGGAAGTTGAGCTCGG	Hs.591005	9574	-0.5761125	0.74251011	0.126661065							-0.068825	0.52215635	0.797673952			
METAP2	AK125296_bp358_R	AGCTAAAAGAGCTCAACTTCCCCTTTAAATCTCTTGAATTTAAAGGGGAAGTTGAGCTCGG	Hs.591005	14950	-0.5766625	0.73200469	0.122882973							-0.02695	0.51047452	0.918932202			
MFHAS1	AB016816_bp2481_R	AGCTAAAAGGGACCTTGTTACTGCCTCAATCTCTTGAATTGAGGCAGTAACAGAGTCCCGG	Hs.379414	3597	0.094475	0.24029845	0.578744432							-0.4433625	0.365292	0.091128691			
MFHAS1	AB016816_bp2481_R	AGCTAAAAGGGACCTTGTTACTGCCTCAATCTCTTGAATTGAGGCAGTAACAGAGTCCCGG	Hs.379414	8973	0.02615	0.11757088	0.856196846							-0.4060625	0.30472888	0.099990167			
MFHAS1	AB016816_bp2481_R	AGCTAAAAGGGACCTTGTTACTGCCTCAATCTCTTGAATTGAGGCAGTAACAGAGTCCCGG	Hs.379414	14349	0.077475	0.13868863	0.602727048							-0.3893125	0.33438805	0.119438556			
MFHAS1	AB016816_bp2726_R	AGCTAAAAGGTCGGATGGTAAATTTCAGATCTCTTGAATCTGAAATTTACCATCCGACCGG	Hs.379414	3599	0.1975	0.12025759	0.210024951							-0.2970625	0.05263594	0.151339497			
MFHAS1	AB016816_bp2726_R	AGCTAAAAGGTCGGATGGTAAATTTCAGATCTCTTGAATCTGAAATTTACCATCCGACCGG	Hs.379414	8975	0.176725	0.23364985	0.3133757							-0.3608375	0.03306759	0.091895256			
MFHAS1	AB016816_bp2726_R	AGCTAAAAGGTCGGATGGTAAATTTCAGATCTCTTGAATCTGAAATTTACCATCCGACCGG	Hs.379414	14351	0.090525	0.08966128	0.528893969							-0.2511875	0.07795379	0.216580437			
MFSD2	AF370364_bp1573_R	AGCTAAAAGAGAGTAACCTCATCATTACATCTCTTGAATGTAATGATGAGGTTACTCTCGG	Hs.75668	3686	0.7013	0.07735748	0.059771742							-0.18075	0.28199592	0.412575852			
MFSD2	AF370364_bp1573_R	AGCTAAAAGAGAGTAACCTCATCATTACATCTCTTGAATGTAATGATGAGGTTACTCTCGG	Hs.75668	9062	0.61315	0.00403051	0.079978089							-0.174125	0.32157725	0.443618652			
MFSD2	AF370364_bp1573_R	AGCTAAAAGAGAGTAACCTCATCATTACATCTCTTGAATGTAATGATGAGGTTACTCTCGG	Hs.75668	14438	0.57115	0.14064354	0.099563003							-0.113875	0.2819204	0.599304452			
MFSD2	AF370364_bp1759_R	AGCTAAAAAGGAGTGTCACTGGGCATTTCTTCTCTTGAAAGAAATGCCCAGTGACACTCCGG	Hs.75668	3688	0.3197875	0.23639409	0.099287401							-0.148	0.38177993	0.533899472			
MFSD2	AF370364_bp1759_R	AGCTAAAAAGGAGTGTCACTGGGCATTTCTTCTCTTGAAAGAAATGCCCAGTGACACTCCGG	Hs.75668	9064	0.3591875	0.11640351	0.046781028							-0.146975	0.37260462	0.533275491			
MFSD2	AF370364_bp1759_R	AGCTAAAAAGGAGTGTCACTGGGCATTTCTTCTCTTGAAAGAAATGCCCAGTGACACTCCGG	Hs.75668	14440	0.4575375	0.12750162	0.021239093							-0.37555	0.37498762	0.14257892			
MFSD2	AF370364_bp1835_R	AGCTAAAAGTGTCAAGTTTACACTGAACATCTCTTGAATGTTCAGTGTAAACTTGACACGG	Hs.75668	3690	-0.4123875	0.75924724	0.254781588							-0.2818	0.43474941	0.277036914			
MFSD2	AF370364_bp1835_R	AGCTAAAAGTGTCAAGTTTACACTGAACATCTCTTGAATGTTCAGTGTAAACTTGACACGG	Hs.75668	9066	-0.2664375	0.78730703	0.456996289							-0.1377	0.13270172	0.4868543			
MFSD2	AF370364_bp1835_R	AGCTAAAAGTGTCAAGTTTACACTGAACATCTCTTGAATGTTCAGTGTAAACTTGACACGG	Hs.75668	14442	-0.0615125	0.34062601	0.752435375							-0.6196	0.64635262	0.075581278			
MGC16169	NM_033115_bp1055_R	AGCTAAAAGTCAGTTGTGTAAAGATATAATCTCTTGAATTATATCTTTACACAACTGACGG	Hs.292986	5347	-0.6102125	0.39265592	0.028001075	-0.5396125	0.48904108	0.078397806									
MGC16169	NM_033115_bp1055_R	AGCTAAAAGTCAGTTGTGTAAAGATATAATCTCTTGAATTATATCTTTACACAACTGACGG	Hs.292986	10723	-0.6134125	0.34502216	0.021343455	-0.1942125	0.2768807	0.314358085									
MGC16169	NM_033115_bp1055_R	AGCTAAAAGTCAGTTGTGTAAAGATATAATCTCTTGAATTATATCTTTACACAACTGACGG	Hs.292986	16099	-0.2233125	0.23693879	0.217713062	-0.0719875	0.38544434	0.739536221									
MGC16169	NM_033115_bp1795_R	AGCTAAAAGCTTCCATTCCTATATCTAAACTCTCTTGAAGTTTAGATATAGGAATGGAGCGG	Hs.292986	5351	-0.194083333	0.13619066	0.331497446	0.1008											
MGC16169	NM_033115_bp1795_R	AGCTAAAAGCTTCCATTCCTATATCTAAACTCTCTTGAAGTTTAGATATAGGAATGGAGCGG	Hs.292986	10727	-0.1556875	0.11386109	0.30593372	0.0586											
MGC16169	NM_033115_bp1795_R	AGCTAAAAGCTTCCATTCCTATATCTAAACTCTCTTGAAGTTTAGATATAGGAATGGAGCGG	Hs.292986	16103	0.082083333	0.07542142	0.653793477												
MGC16169	NM_033115_bp834_R	AGCTAAAAGCATGGTTGTTTTGGACATTTATCTCTTGAAATAATGTCCAAACAACCATGCGG	Hs.292986	10725	-0.2098875	0.31535562	0.290630913	-1.5704625	0.73264392	0.006323257									
MGC16169	NM_033115_bp834_R	AGCTAAAAGCATGGTTGTTTTGGACATTTATCTCTTGAAATAATGTCCAAACAACCATGCGG	Hs.292986	16101	1.7577125	1.26517871	0.017690175												
MGC16169	NM_033115_bp834_R	AGCTAAAAGCATGGTTGTTTTGGACATTTATCTCTTGAAATAATGTCCAAACAACCATGCGG	Hs.292986	5349	0.079275	0.40711673	0.801093399	-1.4499875	1.03157763	0.025359378									
MGC24039	NM_144973_bp1780_R	AGCTAAAAGCCACCTTTATTGATAATAAATCTCTTGAATTTATTATCAATAAAGGTGGCGG	Hs.57639	3809	-0.723925	0.72030377	0.064799746				0.0387125	0.59237616	0.892625874						
MGC24039	NM_144973_bp1780_R	AGCTAAAAGCCACCTTTATTGATAATAAATCTCTTGAATTTATTATCAATAAAGGTGGCGG	Hs.57639	9185	-0.73025	0.77835941	0.076073625				0.0870375	0.61018229	0.766154726						
MGC24039	NM_144973_bp1780_R	AGCTAAAAGCCACCTTTATTGATAATAAATCTCTTGAATTTATTATCAATAAAGGTGGCGG	Hs.57639	14561	-0.6579	0.74039046	0.090237916				0.1583875	0.54733404	0.56924575						
MGC24039	NM_144973_bp2178_R	AGCTAAAAGAGGGAGAAATATATGCAAGATCTCTTGAATCTTGCATATATTTTCTCCTCGG	Hs.57639	3813	0.0873	0.20414545	0.589382626				0.4478625	0.49385469	0.122664856						
MGC24039	NM_144973_bp2178_R	AGCTAAAAGAGGGAGAAATATATGCAAGATCTCTTGAATCTTGCATATATTTTCTCCTCGG	Hs.57639	9189	0.069825	0.25337475	0.684800515				0.3953875	0.78203626	0.273156449						
MGC24039	NM_144973_bp2178_R	AGCTAAAAGAGGGAGAAATATATGCAAGATCTCTTGAATCTTGCATATATTTTCTCCTCGG	Hs.57639	14565	-0.245675	0.58883671	0.391085419				0.6182375	0.58920182	0.064408811						
MGC24039	NM_144973_bp2478_R	AGCTAAAAGCCTTTGTGGTCACATTTAATTCTCTTGAAATTAAATGTGACCACAAAGCCGG	Hs.57639	3811	-0.59355	0.27956238	0.016807895				-0.1097875	0.37556769	0.640165537						
MGC24039	NM_144973_bp2478_R	AGCTAAAAGCCTTTGTGGTCACATTTAATTCTCTTGAAATTAAATGTGACCACAAAGCCGG	Hs.57639	9187	-0.811	0.39679696	0.609843481				-0.2615375	0.15098952	0.212443448						
MGC24039	NM_144973_bp2478_R	AGCTAAAAGCCTTTGTGGTCACATTTAATTCTCTTGAAATTAAATGTGACCACAAAGCCGG	Hs.57639	14563	-0.649425	0.41018042	0.024614204				-0.1318875	0.28789876	0.54640193						
MGC39900	BC029803_bp1262_R	AGCTAAAAAGGGGTTAAGCTTTGCATTAAATCTCTTGAATTTAATGCAAAGCTTAACCCCGG	Hs.496530	4475	-0.068325	0.63088253	0.814367149	-0.4779	0.19044487	0.028689164	1.216933333	0.83720488	0.022096355						
MGC39900	BC029803_bp1262_R	AGCTAAAAAGGGGTTAAGCTTTGCATTAAATCTCTTGAATTTAATGCAAAGCTTAACCCCGG	Hs.496530	9851	-0.0792	0.74532711	0.811978167	-0.83975	0.48587944	0.019604156	1.4443	0.50374102	0.004068283						
MGC39900	BC029803_bp1262_R	AGCTAAAAAGGGGTTAAGCTTTGCATTAAATCTCTTGAATTTAATGCAAAGCTTAACCCCGG	Hs.496530	15227	-0.279675	0.91925347	0.492803845	-0.8313	0.24365094	0.00506634	1.1566	0.59997951	0.013887459						
MGC39900	BC029803_bp1333_R	AGCTAAAGCAGTATTTTCAGTTTCTATCTCTTGAATGAAAACTGAAATAACTGCTCTGG	Hs.496530	4479	0.041125	0.60494989	0.847705645	-0.29065	0.46003312	0.264085187	-0.40363333	0.56707817	0.243950347						
MGC39900	BC029803_bp1333_R	AGCTAAAAGAGCAGTTATTTCAGTTTCTATCTCTTGAATGAAAACTGAAATAACTGCTCTGG	Hs.496530	9855	0.053325	0.3424049	0.784785874	-0.309325	0.15380475	0.089810001	-0.48356667	0.2362155	0.102335567						
MGC39900	BC029803_bp1333_R	AGCTAAAAGAGCAGTTATTTCAGTTTCTATCTCTTGAATGAAAACTGAAATAACTGCTCTGG	Hs.496530	15231	0.305666667	0.4023754	2.261029952	-0.3928	0.15485893	0.04602683	-0.49456667	0.24474579	0.097693351						
MGC39900	BC029803_bp1577_R	AGCTAAAAGGTGGGTGTGTGTAATGTGAATCTCTTGAATTACATTACACACACCCACCGG	Hs.496530	15229	0.352525	0.55063819	0.216022219	1.2911	0.35692641	0.001752318	0.6766	1.08753023	0.238928082						
MGC39900	BC029803_bp1577_R	AGCTAAAAGGTGGGTGTGTGTAATGTGAATCTCTTGAATTACATTACACACACCCACCGG	Hs.496530	4477	0.321075	0.53864824	0.247105174				1.2487								
MGC39900	BC029803_bp1577_R	AGCTAAAAGGTGGGTGTGTGTAATGTGAATCTCTTGAATTACATTACACACACCCACCGG	Hs.496530	9853	0.1725	0.57576185	0.532592507	1.7869	0.46244784	0.018222705	1.4738								
MGC42105	NM_153361_bp1226_R	AGCTAAAAGAGGGCTACATCCCGAGAAATTCTCTTGAAATTTCTCGGGATAGTAGCCTCGG	Hs.25845	733	-0.162325	0.2710624	0.374155928	-0.36505	0.28077163	0.09427855									
MGC42105	NM_153361_bp1226_R	AGCTAAAAGAGGGCTACATCCCGAGAAATTCTCTTGAAATTTCTCGGGATAGTAGCCTCGG	Hs.25845	6109	-0.045425	0.18659317	0.771371912	-0.44635	0.37457642	0.082117901									
MGC42105	NM_153361_bp1226_R	AGCTAAAAGAGGGCTACATCCCGAGAAATTCTCTTGAAATTTCTCGGGATAGTAGCCTCGG	Hs.25845	11485	0.2489	0.96939471	0.557669393	-0.3612	0.44106607	0.170456628									
MGC42105	NM_153361_bp1614_R	AGCTAAAAGAGACACTACATCGGCATTTACTCTCTTGAAGTAAATGCCGATGTAGTGCTCGG	Hs.25845	734	4.684133333	2.23787723	0.007138732	1.508833333	1.33620607	0.076894246									
MGC42105	NM_153361_bp1614_R	AGCTAAAAGAGACACTACATCGGCATTTACTCTCTTGAAGTAAATGCCGATGTAGTGCTCGG	Hs.25845	6110	2.936133333	1.13318315	0.003879284	1.434466667	1.4023504	0.09639866									
MGC42105	NM_153361_bp1614_R	AGCTAAAAGAGACACTACATCGGCATTTACTCTCTTGAAGTAAATGCCGATGTAGTGCTCGG	Hs.25845	11486	2.479625	1.09399948	0.002472169	1.411833333	1.43405257	0.104802263									
MGC42105	NM_153361_bp2088_R	AGCTAAAAGTCCCAGTCATGATGCTACCATCTCTTGAATGGTAGCATCATGACTGGGACGG	Hs.25845	2219	-0.007725	0.56760662	0.97697858	0.694575	0.10999098	0.005139019									
MGC42105	NM_153361_bp2088_R	AGCTAAAAGTCCCAGTCATGATGCTACCATCTCTTGAATGGTAGCATCATGACTGGGACGG	Hs.25845	7595	-0.05065	0.532385	0.843162066	0.600525	0.25431336	0.018178486									
MGC42105	NM_153361_bp2088_R	AGCTAAAAGTCCCAGTCATGATGCTACCATCTCTTGAATGGTAGCATCATGACTGGGACGG	Hs.25845	12971	0.61135	2.0472867	0.480256991	0.69865	0.20958086	0.008151038									
MGC4796	NM_032017_bp1514_R	AGCTAAAAGTGCTCCCAGTACGAGTTTGATCTCTTGAATCAAACTCGTACTGGGAGACGG	Hs.471768	729	-0.546125	0.15168345	0.011979838	-0.2196	0.25843738	0.250838187									
MGC4796	NM_032017_bp1514_R	AGCTAAAAGTGCTCCCAGTACGAGTTTGATCTCTTGAATCAAACTCGTACTGGGAGACGG	Hs.471768	6105	-0.420775	0.25209333	0.048209344	0.08445	0.21337745	0.613339693									
MGC4796	NM_032017_bp1514_R	AGCTAAAAGTGCTCCCAGTACGAGTTTGATCTCTTGAATCAAACTCGTACTGGGAGACGG	Hs.471768	11481	-0.245225	0.2852523	0.208517203	-0.200575	0.44669975	0.414818982									
MGC4796	NM_032017_bp472_R	AGCTAAAAGTGGGATTTCTGGAAATATGTCTCTTGAACATTATTTCCAGAAATCCCACGG	Hs.471768	730	0.39305	0.33964724	0.085965947	-0.26175	0.13305875	0.126978208									
MGC4796	NM_032017_bp472_R	AGCTAAAAGTGGGATTTCTGGAAATATGTCTCTTGAACATTATTTCCAGAAATCCCACGG	Hs.471768	6106	0.22085	0.62016433	0.454328469	-0.35705	0.17383484	0.065408051									
MGC4796	NM_032017_bp472_R	AGCTAAAAGTGGGATTTCTGGAAATATGTCTCTTGAACATTATTTCCAGAAATCCCACGG	Hs.471768	11482	0.861775	0.35403309	0.605922809	-0.069725	0.22205785	0.678867008									
MGC4796	NM_032017_bp787_R	AGCTAAAAGCCGGATGGTTAAGAAGATGATCTCTTGAATCATCTTCTTAACCATCCGGCGG	Hs.471768	731	-0.087425	0.26611507	0.619382944	-0.41585	0.27832488	0.065859815									
MGC4796	NM_032017_bp787_R	AGCTAAAAGCCGGATGGTTAAGAAGATGATCTCTTGAATCATCTTCTTAACCATCCGGCGG	Hs.471768	6107	-0.1797	0.62483147	0.58659209	-0.63425	0.4682553	0.045166635									
MGC4796	NM_032017_bp787_R	AGCTAAAAGCCGGATGGTTAAGAAGATGATCTCTTGAATCATCTTCTTAACCATCCGGCGG	Hs.471768	11483	0.492975	0.50552353	0.089206338	1.589766667	1.80985679	0.13059903									
MGC5395	M80902_bp1253_R	AGCTAAAAGGCCCTCAAGTGGCACTTAAATCTCTTGAATTTAAGTGCCACTTGAGGGCCGG	Hs.502756	4819	1.7362875	0.46793665	0.000544747	0.1310625	0.21112998	0.440984484				0.523375	0.30081619	0.040063964	0.539925	0.62691859	0.183460161
MGC5395	M80902_bp1253_R	AGCTAAAAGGCCCTCAAGTGGCACTTAAATCTCTTGAATTTAAGTGCCACTTGAGGGCCGG	Hs.502756	10195	2.5372875	0.73412116	0.000449173	0.12426625	0.26582472	0.497787313				0.584725	0.27925688	0.024823722	0.61995	0.46046931	0.074244696
MGC5395	M80902_bp1253_R	AGCTAAAAGGCCCTCAAGTGGCACTTAAATCTCTTGAATTTAAGTGCCACTTGAGGGCCGG	Hs.502756	15571	1.5393875	2.2524812	0.140658686	0.1377125	0.36356862	0.518401509				0.65905	0.31225836	0.024305906	0.548275	0.52267557	0.126818852
MGC5395	M80902_bp4127_R	AGCTAAAAGGCCCCAAAGTTGATATTAATCTCTTGAAATTAATATCAACTTTGGGGCCGG	Hs.502756	4821	0.2529875	0.56458335	0.364395016	0.5002625	0.35581277	0.055044819				0.380225	0.2414698	0.051299412	0.754875	0.16799955	0.002908383
MGC5395	M80902_bp4127_R	AGCTAAAAGGCCCCAAAGTTGATATTAATCTCTTGAAATTAATATCAACTTTGGGGCCGG	Hs.502756	10197	0.6294125	0.3418212	0.019079486	0.5578625	0.29535266	0.026096252				0.5015	0.36163829	0.060366187	0.68465	0.20790852	0.007121161
MGC5395	M80902_bp4127_R	AGCTAAAAGGCCCCAAAGTTGATATTAATCTCTTGAAATTAATATCAACTTTGGGGCCGG	Hs.502756	15573	-0.0557375	1.21274923	0.913224297	0.5236875	0.43887602	0.069559159				0.640975	0.37096586	0.040767069	0.71565	0.09131723	0.000564429
MGC5395	M80902_bp5096_R	AGCTAAAAGGCGGCCGCAAGTTGATGTCAAATCTCTTGAATTTGACATCAACTTGCGGCCCGG	Hs.502756	4823	0.5784625	1.87640202	0.467956608	0.2361125	0.66050448	0.46927909				0.6046	0.28293566	0.023520108	0.6429	0.17463896	0.000207376
MGC5395	M80902_bp5096_R	AGCTAAAAGGCGGCCGCAAGTTGATGTCAAATCTCTTGAATTTGACATCAACTTGCGGCCCGG	Hs.502756	10199	1.5529875	0.60124668	1.00206571	0.3334625	0.61503039	0.296253367				0.6796	0.31219495	0.022387357	1.1675	0.15294385	0.000210293
MGC5395	M80902_bp5096_R	AGCTAAAAGGCGGCCGCAAGTTGATGTCAAATCTCTTGAATTTGACATCAACTTGCGGCCCGG	Hs.502756	15575	0.7869625	1.05454025	0.125026661	0.3123375	0.61859676	0.326240648				0.579475	0.33093562	0.039423038	1.12625	0.14142637	0.000538193
MGC8407	NM_024046_bp460_R	AGCTAAAAGAGGGAGGTGTTTGACTGGATTCTCTTGAAACCAGTCAACAACTTCCCTCGG	Hs.145156	1914	-0.5945575	0.15980243	0.008864741	-0.4481225	0.27982987	0.053472495									
MGC8407	NM_024046_bp460_R	AGCTAAAAGAGGGAGGTGTTTGACTGGATTCTCTTGAAACCAGTCAACAACTTCCCTCGG	Hs.145156	12666	0.397875	1.64311811	0.566216616	-0.349425	0.49442321	0.210835271									
MGC8407	NM_024046_bp616_R	AGCTAAAAGCTGAAGAACTCAGAGATTGTTCTCTTGAAACAATCTTCGAGTTCTTCAGCGG	Hs.145156	12668	0.587975	0.42218832	0.036841149	0.9193											
MGC8407	NM_024046_bp616_R	AGCTAAAAGCTGAAGAACTCAGAGATTGTTCTCTTGAAACAATCTTCGAGTTCTTCAGCGG	Hs.145156	7292	-0.021	0.33290587	0.943305779												
MGC9515	BC036263_bp1210_R	AGCTAAAAAACCCTCAGCAGATGATAATCTTCTCTTGAAAGATTATCATCTGCTGAGGGTGG	Hs.546552	4610	-1.14085	1.86626764	0.216391187							0.062875	0.52893408	0.827392952	-0.053025	0.10602727	0.390913593
MGC9515	BC036263_bp1210_R	AGCTAAAAAACCCTCAGCAGATGATAATCTTCTCTTGAAAGATTATCATCTGCTGAGGGTGG	Hs.546552	15362	-1.7447875	2.67046007	0.154286919	-0.4170875	0.29498603	0.070267208				0.152325	0.5879793	0.640155477	-0.07555	0.24748681	0.584649251
MGC9515	BC036263_bp1210_R	AGCTAAAAAACCCTCAGCAGATGATAATCTTCTCTTGAAAGATTATCATCTGCTGAGGGTGG	Hs.546552	9986				-0.56335	0.81762757	0.306554304				0.078225	0.58724334	0.807182108	-0.0711	0.27186943	0.637116512
MGC9515	BC036263_bp2098_R	AGCTAAAAGCGGAGGTTGAGCTGAGAAGATCTTCTGAATCTTCTCAGCTCAACCTCCGCGG	Hs.546552	4612	-0.1017375	1.38872795	0.881079588	-0.3000625	0.43534628	0.236269356				0.803125	0.97439867	0.197819295	1.21865	0.15861254	0.000598652
MGC9515	BC036263_bp2098_R	AGCTAAAAGCGGAGGTTGAGCTGAGAAGATCTTCTGAATCTTCTCAGCTCAACCTCCGCGG	Hs.546552	9988	0.1320375	1.23540952	0.531929217	-0.3303125	0.28569013	0.122491328				0.76935	0.84621598	0.16659813	1.50892S	0.17114827	0.00039764
MGC9515	BC036263_bp2098_R	AGCTAAAAGCGGAGGTTGAGCTGAGAAGATCTTCTGAATCTTCTCAGCTCAACCTCCGCGG	Hs.546552	15364	0.2164125	1.94399817	0.78795809	0.0264125	0.67652258	0.934690611				0.85115	0.91587594	0.160042923	1.588625	0.1786363	0.00038753
MGC9515	BC036263_bp2126_R	AGCTAAAAGCACTCAAGCCTGAGCAATAATCTCTGAATTATTGCTCAGGCTTGAGTGCGG	Hs.546552	4967	0.5750875	0.20561726	0.012707431	0.2003375	0.42569936	0.564519992				0.358625	0.61015472	0.243586563	0.10125	0.48594204	0.704737737
MGC9515	BC036263_bp2126_R	AGCTAAAAGCACTCAAGCCTGAGCAATAATCTCTGAATTATTGCTCAGGCTTGAGTGCGG	Hs.546552	10343	0.5660875	0.17688875	0.211696527	0.451116667	0.38991291	0.14332608				0.341925	0.60039194	0.33747481	0.1736	0.44940091	0.496053631
MGC9515	BC036263_bp2126_R	AGCTAAAAGCACTCAAGCCTGAGCAATAATCTCTGAATTATTGCTCAGGCTTGAGTGCGG	Hs.546552	15719	0.6155875	0.13118068	0.006769291	0.3980875	0.31437075	0.088467208				0.3747	0.56698932	0.27801334	0.168325	0.49068287	0.541927625
MGC9850	NM_152705_bp1684_R	AGCTAAAAGCCCAAGTCATTCTTGATCCATCTCTTGAATGGATCAAGAATGACTTGGGCGG	Hs.507584	2709	-0.32425	0.41518058	0.246378952				-0.7431125	1.17976067	0.172853206						
MGC9850	NM_152705_bp1684_R	AGCTAAAAGCCCAAGTCATTCTTGATCCATCTCTTGAATGGATCAAGAATGACTTGGGCGG	Hs.507584	8085	-0.26355	0.39377828	0.341891317				-0.4676375	1.15375323	0.37619931						
MGC9850	NM_152705_bp1684_R	AGCTAAAAGCCCAAGTCATTCTTGATCCATCTCTTGAATGGATCAAGAATGACTTGGGCGG	Hs.507584	13461	-0.237425	0.48996817	0.465119817				-0.8179125	0.78238642	0.056665325						
MGC9850	NM_152705_bp228_R	AGCTAAAAGTCCTCTTGCTAGCACCAATATCTCTTGAATATTGGTGCTAGCAAGAGGAGCGG	Hs.507584	2707	0.791825	1.59133803	0.229870695				-0.0532375	1.14799596	0.981857355						
MGC9850	NM_152705_bp228_R	AGCTAAAAGTCCTCTTGCTAGCACCAATATCTCTTGAATATTGGTGCTAGCAAGAGGAGCGG	Hs.507584	8083	1.217175	0.75669795	0.009579968				0.0047375	1.16322821	0.918421459						
MGC9850	NM_152705_bp228_R	AGCTAAAAGTCCTCTTGCTAGCACCAATATCTCTTGAATATTGGTGCTAGCAAGAGGAGCGG	Hs.507584	13459	1.165375	0.84847445	0.015878719				-0.0678875	1.00876896	0.951492941						
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MGST1	AK123482_bp105_R	AGCTAAAAAGCATGATGGCTTGCACCTATATCTCTTGAATATAGGTGCAAGCCATCATGCGG	Hs.389700	14892	0.1440125	0.41004528	0.51285922					0.089375	0.12217262	0.646243955							
MGST1	AK123482_bp669_R	AGCTAAAAAGCTAGTTATGTATTCTGTTATTCTCTTGAAATAACAGAATACATAACTAGCGG	Hs.389700	4144	-0.8639625	0.26715989	0.003379397					0.43615	0.21453768	0.066277566							
MGST1	AK123482_bp669_R	AGCTAAAAAGCTAGTTATGTATTCTGTTATTCTCTTGAAATAACAGAATACATAACTAGCGG	Hs.389700	9520	-0.5124625	0.28395205	0.029274724					0.37265	0.35253563	0.138329303							
MGST1	AK123482_bp669_R	AGCTAAAAAGCTAGTTATGTATTCTGTTATTCTCTTGAAATAACAGAATACATAACTAGCGG	Hs.389700	14896	-0.9418375	0.27089954	0.002370161					0.431	0.20132523	0.066879335							
MGST1	AK123482_bp763_R	AGCTAAAAAGCAAGGATTCTGTCAGTAATCTCTCTTGAAGATTACTGACAGAATCCTTGCGG	Hs.389700	4142	2.7840875	1.03440611	0.001167093					-0.242025	0.40123139	0.330018242							
MGST1	AK123482_bp763_R	AGCTAAAAAGCAAGGATTCTGTCAGTAATCTCTCTTGAAGATTACTGACAGAATCCTTGCGG	Hs.389700	9518	2.7428875	0.99965024	0.001084978					-0.1533	0.38883545	0.522510566							
MGST1	AK123482_bp763_R	AGCTAAAAAGCAAGGATTCTGTCAGTAATCTCTCTTGAAGATTACTGACAGAATCCTTGCGG	Hs.389700	14894	2.7099125	0.95188122	0.000937751					-0.142175	0.39101627	0.55294322							
MIB2	NM_080875_bp1391_R	AGCTAAAAGTCGGGAAGGTGGTGAAAGTGTCTCTTGAACACTTTCACCACCTTCCCGACGG	Hs.135805	2809	1.310025	0.69588691	0.00704948					-0.071325	0.19516216	0.72387637							
MIB2	NM_080875_bp1391_R	AGCTAAAAGTCGGGAAGGTGGTGAAAGTGTCTCTTGAACACTTTCACCACCTTCCCGACGG	Hs.135805	8185	1.40335	0.68191065	0.004936855					-0.075875	0.11356512	0.695007977							
MIB2	NM_080875_bp1391_R	AGCTAAAAGTCGGGAAGGTGGTGAAAGTGTCTCTTGAACACTTTCACCACCTTCCCGACGG	Hs.135805	13561	1.38435	0.60502002	0.003497021					-0.014925	0.33184174	0.946762791							
MIB2	NM_080875_bp2063_R	AGCTAAAAAGTGCCTGGCGTATAACCATCGATGTTACCTTCTCTTGAAGGTAACATCGATGTTTGGCACGG	Hs.135805	2781	-0.18795	0.17106553	0.252082928					-0.730625	0.14703794	0.007767106							
MIB2	NM_080875_bp2063_R	AGCTAAAAAGTGCCAAACATCGATGTTACCTTCTCTTGAAGGTAACATCGATGTTTGGCACGG	Hs.135805	8157	-0.361575	0.37155717	0.120157923					-0.5981	0.40713094	0.04005312							
MIB2	NM_080875_bp2063_R	AGCTAAAAAGTGCCTGGCGTAAAAAGCACTCTCTTGAAGGTAACATCGATGTTTGGCACGG	Hs.135805	13533	-0.263525	0.28023669	0.178893581					-0.414925	0.32988399	0.10007547							
MIB2	NM_080875_bp985_R	AGCTAAAAAGGGCGGCTTCACTACAAGGATCTCTTGAATCCCTTGTAGTAGAAGCCGCCCGG	Hs.135805	2783	-0.05855	0.5006874	0.811427056					-0.825625	0.2132708	0.005307983							
MIB2	NM_080875_bp985_R	AGCTAAAAAGGGCGGCTTCACTACAAGGATCTCTTGAATCCCTTGTAGTAGAAGCCGCCCGG	Hs.135805	8159	0.121425	0.87992037	0.752186026					-0.8759	0.23939879	0.004379603							
MIB2	NM_080875_bp985_R	AGCTAAAAAGGGCGGCTTCACTACAAGGATCTCTTGAATCCCTTGTAGTAGAAGCCGCCCGG	Hs.135805	13535	-0.261125	0.4117246	0.25864675					-0.65405	0.32037054	0.021257947							
MINK1	NM_153827_bp3778_R	AGCTAAAAAGGGGAACAGCTATGACATCTATCTCTTGAATAGATGTCATAGCTGTTCCCCGG	Hs.443417	736	-0.872066667	0.50837178	0.030367645	-0.8605	1.06267463	0.16650537											
MINK1	NM_153827_bp3778_R	AGCTAAAAAGGGGAACAGCTATGACATCTATCTCTTGAATAGATGTCATAGCTGTTCCCCGG	Hs.443417	6112	-0.8493	0.75464164	0.071911744	-0.913033333	1.55737279	0.271625445											
MINK1	NM_153827_bp3778_R	AGCTAAAAAGGGGAACAGCTATGACATCTATCTCTTGAATAGATGTCATAGCTGTTCCCCGG	Hs.443417	11488	-0.48605	0.08775195	0.13389613	-0.508475	1.11803781	0.337921294											
MINK1	NM_153827_bp4049_R	AGCTAAAAAGCGGGGTCTTCATGCACAAATCTCTTGAATTTGTGCATGAAGACCCCGTCGG	Hs.443417	12977																	
MINK1	NM_153827_bp4049_R	AGCTAAAAAGCGGGGTCTTCATGCACAAATCTCTTGAATTTGTGCATGAAGACCCCGTCGG	Hs.443417	7601																	
MINK1	NM_153827_bp4049_R	AGCTAAAAAGCGGGGTCTTCATGCACAAATCTCTTGAATTTGTGCATGAAGACCCCGTCGG	Hs.443417	2225																	
MIOX	BC064395_bp1017_R	AGCTAAAAAGTGCCTGGCGTCAATAAAGACTCTCTCTTGAAGTTCTTATTGACGCCAGGCACGG	Hs.129227	4249	0.90985	0.77446463	0.038347011	0.831225	0.23946258	0.004942153	-0.05663333	0.39948998	0.841769494								
MIOX	BC064395_bp1017_R	AGCTAAAAAGTGCCTGGCGTCAATAAAGACTCTCTCTTGAAGTTCTTATTGACGCCAGGCACGG	Hs.129227	9625	0.994	0.68125658	0.019426037	0.593625	0.40750697	0.041860179	0.013633333	0.56910193	0.966260342								
MIOX	BC064395_bp1017_R	AGCTAAAAAGTGCCTGGCGTCAATAAAGACTCTCTCTTGAAGTCTTTATTGACGCCAGGCACGG	Hs.129227	15001	1.143725	0.67469236	0.011025526	0.704				0.1168	0.5797488	0.721133198							
MIOX	BC064395_bp289_R	AGCTAAAAAGCAGTAGATTTCCCCAACTCTCTCTTGAAGAGTTGGGGAAATCTACGTCCGG	Hs.129227	4584	3.8189	3.97911613	0.05614983	0.270625	2.11143973	0.770094592		-0.5381	0.76664517	0.258674762							
MIOX	BC064395_bp289_R	AGCTAAAAAGCAGTAGATTTCCCCAACTCTCTCTTGAAGAGTTGGGGAAATCTACGTCCGG	Hs.129227	9960	3.601875	3.65577032	0.051950873	0.25325	2.21215586	0.793659109		-0.3526	0.33827988	0.347693271							
MIOX	BC064395_bp289_R	AGCTAAAAAGCAGTAGATTTCCCCAACTCTCTCTTGAAGAGTTGGGGAAATCTACGTCCGG	Hs.129227	15336	2.605175	1.95823357	0.019336312	0.2268	2.12657072	0.807535987		-0.5009	0.59580817	0.250319787							
MITF	NM_198159_bp156_R	AGCTAAAAGGGGAGGAGTTTCATGAAGAGTCTCTTGAACTCTTCATGAAACTCCTCCCCGG	Hs.166017	3610	0.011425	0.2455858	0.945985285					-0.4027125	0.23355597	0.087405624							
MITF	NM_198159_bp156_R	AGCTAAAAGGGGAGGAGTTTCATGAAGAGTCTCTTGAACTCTTCATGAAACTCCTCCCCGG	Hs.166017	8986	-0.022375	0.13976508	0.879399746					-0.4260375	0.24492445	0.076080211							
MITF	NM_198159_bp156_R	AGCTAAAAGGGGAGGAGTTTCATGAAGAGTCTCTTGAACTCTTCATGAAACTCCTCCCCGG	Hs.166017	14362	0.02195	0.13857031	0.88151939					-0.4220625	0.26468203	0.08179607							
MITF	NM_198159_bp262_R	AGCTAAAAAGCTCCTCCAGTATGACATCACTCTCTTGAAGTGATGTCATACTGGAGGAGCGG	Hs.166017	3614	-0.541575	0.04404048	0.008834279					-0.1518125	0.26073284	0.480494962							
MITF	NM_198159_bp262_R	AGCTAAAAAGCTCCTCCAGTATGACATCACTCTCTTGAAGTGATGTCATACTGGAGGAGCGG	Hs.166017	8990	-0.7843	0.58447943	0.029569333					-0.3008125	0.1175881	0.154027319							
MITF	NM_198159_bp262_R	AGCTAAAAAGCTCCTCCAGTATGACATCACTCTCTTGAAGTGATGTCATACTGGAGGAGCGG	Hs.166017	14366	-0.564775	0.3053788	0.023231259					-0.1495625	0.20316541	0.469064626							
MITF	NM_198159_bp891_R	AGCTAAAAAGCAAACTTGATTGATCTTTATTCTCTTGAAATAAAGATCAATCAAGTTTCCGG	Hs.166017	3612	-0.702725	0.40198093	0.017656679					-0.5679875	0.2162729	0.026686837							
MITF	NM_198159_bp891_R	AGCTAAAAAGCAAACTTGATTGATCTTTATTCTCTTGAAATAAAGATCAATCAAGTTTCCGG	Hs.166017	8988	-0.754425	0.2783015	0.006444962					-0.3853875	0.32921177	0.121113386							
MITF	NM_198159_bp891_R	AGCTAAAAAGCAAACTTGATTGATCTTTATTCTCTTGAAATAAAGATCAATCAAGTTTCCGG	Hs.166017	14364	0.52415	1.948857	0.571379674					-0.1807875	0.55959559	0.522467343							
MKNK1	NM_003684_bp449_R	AGCTAAAAGGAGACGCTGTATCAGTGTCATCTCTTGAATCACACTGATACAGCGTCTCCGG	Hs.371594	1642	0.5	0.01965757	0.123865503	0.8084	0.92445243	0.148549467					-0.084866667	0.18487729	0.509930257	-0.128			
MKNK1	NM_003684_bp449_R	AGCTAAAAGGAGACGCTGTATCAGTGTCATCTCTTGAATCACACTGATACAGCGTCTCCGG	Hs.371594	7018	0.4491	0.09673221	0.156516272	0.8449	0.93221882	0.137802093											
MKNK1	NM_003684_bp449_R	AGCTAAAAGGAGACGCTGTATCAGTGTCATCTCTTGAATGACACTGATACAGCGTCTCCGG	Hs.371594	12394	0.481166667	0.11408902	0.04973233	1.0205625	0.81905795	0.040600195											
MKNK1	NM_003684_bp491_R	AGCTAAAAGCTGATTGAGTTCTTTGAAGATCTCTTGAACATCTTCAAAGAACTCAATCAGCGG	Hs.371594	1644	-2.48525	1.41979971	0.028093185	-3.434883333	6.51199927	0.279943744							-0.05755	0.38770665	0.868272495	0.1019	0.1688621	0.40563856
MKNK1	NM_003684_bp491_R	AGCTAAAAGCTGATTGAGTTCTTTGAAGATCTCTTGAACATCTTCAAAGAACTCAATCAGCGG	Hs.371594	7020	-2.46505	1.38260589	0.027041109	-1.60895	3.05255913	0.305809199							0.22405	0.04179001	0.083482079	0.074966667	0.22929898	0.628276218
MKNK1	NM_003684_bp491_R	AGCTAAAAGCTGATTGAGTTCTTTGAAGATCTCTTGAACATCTTCAAAGAACTCAATCAGCGG	Hs.371594	12396	-2.4069	1.24525804	0.02272475	-2.31075	4.17304333	0.28420844							-0.017	0.28374621	0.926818984	0.110533333	0.16151859	0.357644232
MKNK1	NM_003684_bp870_R	AGCTAAAAGCAGTGGGATGAAACTGAACTCTCTCTTGAAGTTGATTCATCCCACTGCCGG	Hs.371594	1646	-1.26815	1.1959297	0.100410856	0.247516667	0.98282943	0.62372513											
MKNK1	NM_003684_bp870_R	AGCTAAAAGCAGTGGGATGAAACTGAACTCTCTCTTGAAGTTGATTCATCCCACTGCCGG	Hs.371594	7022	-2.0225			0.318583333	1.0388554	0.551138889											
MKNK1	NM_003684_bp870_R	AGCTAAAAGGCAGTGGGATGAAACTGAACTCTCTCTTGAAGTTCAGTTTCATCCCACTGCCGG	Hs.371594	12398	-1.0902	1.17620142	0.133286116	0.332983333	1.0549072	0.539488298											
MKNK2	NM_199054_bp1037_R	AGCTAAAGAGGCTAGCATCTACGACAAGTCTCTTGAACTTGTCGTAGATGCTAGCCTCGG	Hs.515032	822	1.264566667	0.86648691	0.031562852	0.478933333	1.15720056	0.426171564											
MKNK2	NM_199054_bp1037_R	AGCTAAAGAGGCTAGCATCTACGACAAGTCTCTTGAACTTGTCGTAGATGCTAGCCTCGG	Hs.515032	6198	1.353266667	1.03746097	0.040624581	0.757	0.91159779	0.165046222											
MKNK2	NM_199054_bp1037_R	AGCTAAAGAGGCTAGCATCTACGACAAGTCTCTTGAACTTGTCGTAGATGCTAGCCTCGG	Hs.515032	11574	1.376	0.98363074	0.033684911	1.2237	0.89901556	0.097048885											
MKNK2	NM_199054_bp1078_R	AGCTAAAAAGGGCGTCATCTTGTATATCCTTCTCTTGAAAGGATATACAAGATGACGCCCGG	Hs.515032	823	1.911166667	0.56463495	0.002511254	0.721733333	0.52903914	0.074116971											
MKNK2	NM_199054_bp1078_R	AGCTAAAAAGGGCGTCATCTTGTATATCCTTCTCTTGAAAGGATATACAAGATGACGCCCGG	Hs.515032	6199	1.3545			0.63995	0.58357523	0.189911953											
MKNK2	NM_199054_bp1078_R	AGCTAAAAAGGGCGTCATCTTGTATATCCTTCTCTTGAAAGGATGACGCCCGG	Hs.515032	11575	1.3755			0.539266667	0.28877372	0.071575229											
MKNK2	NM_199054_bp1387_R	AGCTAAAAAGAGGAACAGCTGTGCCAAAGATCTCTTGAATCTTTGGCACAGGCTGTTCCTCGG	Hs.515032	824	-0.5786			-0.4796													
MKNK2	NM_199054_bp1387_R	AGCTAAAAAGAGGAACAGCTGTGCCAAAGATCTCTTGAATCTTTGGCACAGGCTGTTCCTCGG	Hs.515032	6200	-0.4551			-0.1798													
MKNK2	NM_199054_bp1387_R	AGCTAAAAAGAGGAACAGCTGTGCCAAAGATCTCTTGAATCTTTGGCACAGGCTGTTCCTCGG	Hs.515032	11576	-0.4613																
MLL	NM_005933_bp10431_R	AGCTAAAAAGCCCCCAGGTATCCAACTTTACTCTCTTGAAGTAAAGTTGGATACCTTGGGGCCGG	Hs.258855	2974	-0.4646	0.17235964	0.024067278					-0.71565	0.82507797	0.079953904							
MLL	NM_005933_bp10431_R	AGCTAAAAAGCCCCCAGGTATCCAACTTTACTCTCTTGAAGTAAAGTTGGATACCTTGGGGCCGG	Hs.258855	8350	-0.4437	0.16029957	0.026927926					-0.401375	0.87316253	0.301331804							
MLL	NM_005933_bp10431_R	AGCTAAAAAGCCCCCAGGTATCCAACTTTACTCTCTTGAAGTAAAGTTGGATACCTTGGGGCCGG	Hs.258855	13726	-0.35375	0.126183	0.050544912					-0.5924	0.7978785	0.124781803							
MLL	NM_005933_bp6808_R	AGCTAAAAGTGGTTACTGTAGGCAATAAATCTCTTGAATTTATTGCCTACAGTAACCACGG	Hs.258855	3002	0.6867	0.38129934	0.017169636					0.648275	0.83648987	0.108104077							
MLL	NM_005933_bp6808_R	AGCTAAAGTGGTTACTGTAGGCCAATAAATCTCTTGAATTTATTGCCTACAGTAACCACGG	Hs.258855	8378	0.61135	0.5267055	0.052123671					0.594075	0.84060285	0.135741477							
MLL	NM_005933_bp6808_R	AGCTAAAAGTGGTTACTGTAGGCCAATAAATCTCTTGAATTTATTGCCTACAGTAACCACGG	Hs.258855	13754	0.9716	0.23323057	0.001619248					0.619275	1.00202188	0.167348025							
MLL	NM_005933_bp6994_R	AGCTAAAAGCCCCCACAGGTTCATAACACATCTCTTGAATGTGTTATGAACCTGTGGGGCCGG	Hs.258855	2976	-0.4448	0.33634634	0.059581764					-0.58225	0.8615007	0.148395055							
MLL	NM_005933_bp6994_R	AGCTAAAAGCCCCCACAGGTTCATAACACATCTCTTGAATGTGTTATGAACCTGTGGGGCCGG	Hs.258855	8352	-0.36875	0.36363303	0.112952135					-0.4822	0.76888115	0.187051913							
MLL	NM_005933_bp6994_R	AGCTAAAAGCCCCCACAGGTTCATAACACATCTCTTGAATGTGTTATGAACCTGTGGGGCCGG	Hs.258855	13728	-0.422	0.3385062	0.070185284					-0.555025	0.8631517	0.165637076							
MLL2	NM_003482_bp10180_R	AGCTAAAAAGGTGGCCCCCTTCCCTTAATACATCTCTTGAATGTATTAAGGAAGGGGCCACCGG	Hs.120228	3066	-0.5935	0.54572559	0.066164579					-0.90685	1.28115797	0.109603361							
MLL2	NM_003482_bp10180_R	AGCTAAAAAGGTGGCCCCCTTCCCTTAATACATCTCTTGAATGTATTAAGGAAGGGGCCACCGG	Hs.120228	8442	-0.332725	0.82159071	0.376455609					-0.9997	1.52602176	0.12651212							
MLL2	NM_003482_bp10180_R	AGCTAAAAAGGTGGCCCCCTTCCCTTAATACATCTCTTGAATGTATTAAGGAAGGGGCCACCGG	Hs.120228	13818	-0.490875	0.85263548	0.224191716					-0.5805	1.07975693	0.215071978							
MLL2	NM_003482_bp14886_R	AGCTAAAAAGCCGGCCGGAGTTTGTAATCAATCTCTTGAATTGATTACAAACTCCGGCCGCGGG	Hs.120228	3064	-0.9104	0.36681342	0.005094614					-0.086925	0.99944561	0.83272364							
MLL2	NM_003482_bp14886_R	AGCTAAAAAGCCGGCCGGAGTTTGTAATCAATCTCTTGAATTGATTACAAACTCCGGCCGCGGG	Hs.120228	8440	-0.911075	0.28773403	0.003058859					-0.3712	0.98984221	0.378924353							
MLL2	NM_003482_bp14886_R	AGCTAAAAAGCCGGCCGGAGTTTGTAATCAATCTCTTGAATTGATTACAAACTCCGGCCGCGGG	Hs.120228	13816	-1.03615	0.53195161	0.007924662					-0.55655	1.0298005	0.216618714							
MLL2	NM_003482_bp8388_R	AGCTAAAAAGCTGGTAGAATCGGCTAATGATCTCTTGAATCATTAGCCGATTCTACCAGCGG	Hs.120228	3068	-1.28225	1.06931131	0.031407527					-1.707525	1.5599824	0.024749008							
MLL2	NM_003482_bp8388_R	AGCTAAAAAGCTGGTAGAATCGGCTAATGATCTCTTGAATCATTAGCCGATTCTACCAGCGG	Hs.120228	8444	-1.458325	1.03572584	0.017851802					-1.46735	1.6257908	0.04902823							
MLL2	NM_003482_bp8388_R	AGCTAAAAAGCTGGTAGAATCGGCTAATGATCTCTTGAATCATTAGCCGATTCTACCAGCGG	Hs.120228	13820	-0.8976	1.04705506	0.088238854					-0.7988	1.46122383	0.222961779							
MLL3	NM_170606_bp10899_R	AGCTAAAAGTGGCCAAGATTCTACTATAATCTCTTGAATTATAGTAGAATCTTGGCCACGG	Hs.270492	3016	1.11805	0.45109276	0.003585261					-1.2198	0.29439848	0.001023399							
MLL3	NM_170606_bp10899_R	AGCTAAAAGTGGCCAAGATTCTACTATAATCTCTTGAATTATAGTAGAATCTTGGCCACGG	Hs.270492	8392	1.1632	0.50669831	0.004230465					-1.2341	0.32528258	0.001106564							
MLL3	NM_170606_bp10899_R	AGCTAAAAGTGGCCAAGATTCTACTATAATCTCTTGAATTATAGTAGAATCTTGGCCACGG	Hs.270492	13768	1.114225	0.45662217	0.003765039					-1.209625	0.28836503	0.00104083							
MLL3	NM_170606_bp7329_R	AGCTAAAAAGCGGCAGAAGTTACGTGAAATTCTCTTGAAATTTCACGTAACTTCTGCCGCGGG	Hs.270492	3018	0.0443	0.50066325	0.856555022					-0.51055	0.77199479	0.166921542							
MLL3	NM_170606_bp7329_R	AGCTAAAAAGCGGCAGAAGTTACGTGAAATTCTCTTGAAATTTCACGTAACTTCTGCCGCGGG	Hs.270492	8394	-0.18815	0.62931383	0.525015009					-0.11165	0.99936537	0.786421698							
MLL3	NM_170606_bp7329_R	AGCTAAAAAGCGGCAGAAGTTACGTGAAATTCTCTTGAAATTTCACGTAACTTCTGCCGCGGG	Hs.270492	13770	0.2916	0.69268717	0.371790699					-0.25535	0.75980193	0.457277147							
MLL3	NM_170606_bp8296_R	AGCTAAAAAGGGGTTGAAGTCAAAGACTTATCTCTTGAATAAGTCTTTGACTTCAACCCCGG	Hs.270492	3020	2.4621	1.49580392	0.008813941					0.75555	0.3088306	0.011167345							
MLL3	NM_170606_bp8296_R	AGCTAAAAAGGGGTTGAAGTCAAAGACTTATCTCTTGAATAAGTCTTTGACTTCAACCCCGG	Hs.270492	8396	2.35275	1.63362944	0.014684458					0.5988	0.34591347	0.032511358							
MLL3	NM_170606_bp8296_R	AGCTAAAAAGGGGTTGAAGTCAAAGACTTATCTCTTGAATAAGTCTTTGACTTCAACCCCGG	Hs.270492	13772	2.219975	1.44351425	0.011635056					0.7309	0.27608302	0.011450603							
MLL4	NM_014727_bp6321_R	AGCTAAAAAGGACCTGCCATCGGAAATGTCTCTTGAAACAATTTCCGATGGCCAGGTCCGG	Hs.92236	3141	1.359775	1.14766092	0.032069426					0.814	0.87470142	0.061560209							
MLL4	NM_014727_bp6321_R	AGCTAAAAAGGACCTGCCATCGGAAATGTCTCTTGAAACAATTTCCGATGGCCAGGTCCGG	Hs.92236	8517	1.047566667	0.89344798	0.058815773					0.933075	0.51244809	0.010237665							
MLL4	NM_014727_bp6321_R	AGCTAAAAAGGACCTGCCATCGGAAATGTCTCTTGAAACAATTTCCGATGGCCAGGTCCGG	Hs.92236	13893	1.24745	1.04086262	0.031733134					1.444225	0.74563449	0.031765116							
MLL4	NM_014727_bp6591_R	AGCTAAAAAGGGGCAAGTATTTGTGAAGATTCTCTTGAAATCTTCACAAATACTTGCCCCCGG	Hs.92236	3139	0.98155	0.80905057	0.033683678					-0.007775	1.04851972	0.985465593							
MLL4	NM_014727_bp6591_R	AGCTAAAAAGGGGCAAGTATTTGTGAAGATTCTCTTGAAATCTTCACAAATACTTGCCCCCGG	Hs.92236	8515	1.435575	0.82335998	0.008616358					0.56585	0.97966219	0.194441087							
MLL4	NM_014727_bp6591_R	AGCTAAAAAGGGGCAAGTATTTGTGAAGATTCTCTTGAAATCTTCACAAATACTTGCCCCCGG	Hs.92236	13891	1.2559	0.91893517	0.020879285					0.403475	0.83530396	0.28475771							
MLL4	NM_014727_bp7763_R	AGCTAAAAAGCCTGTTCTGTAAGCGCAACATCTCTTGAATGTTGCGCTTACAGAACAGGCGG	Hs.92236	3143	0.3018	0.68675869	0.353624076					2.319233333	2.40059344	0.048463089							
MLL4	NM_014727_bp7763_R	AGCTAAAAAGCCTGTTCTGTAAGCGCAACATCTCTTGAATGTTGCGCTTACAGAACAGGCGG	Hs.92236	8519	-0.060025	0.28436537	0.738016694					0.5673	0.03733524	0.140796305							
MLL4	NM_014727_bp7763_R	AGCTAAAAAGCCTGTTCTGTAAGCGCAACATCTCTTGAATGTTGCGCTTACAGAACAGGCGG	Hs.92236	13895	-0.32575	0.62629113	0.288561296					1.6315	2.25384155	0.110591893							
MLL5	NM_182931_bp3116_R	AGCTAAAAAGCTGTTCCCTTCCAGATTTAATCTCTTGAATTAAATCTGGAAGGGAACAGCGG	Hs.592262	3062	0.828725	0.98976316	0.095296352					-0.076925	0.58647374	0.787844279							
MLL5	NM_182931_bp3116_R	AGCTAAAAAGCTGTTCCCTTCCAGATTTAATCTCTTGAATTAAATCTGGAAGGGAACAGCGG	Hs.592262	8438	0.4165	0.30557265	0.063192939					0.321	0.52111788	0.257050408							
MLL5	NM_182931_bp3116_R	AGCTAAAAAGCTGTTCCCTTCCAGATTTAATCTCTTGAATTAAATCTGGAAGGGAACAGCGG	Hs.592262	13814	0.386425	0.46973604	0.143442501					0.0636	0.80555507	0.855691409							
MLL5	NM_182931_bp3872_R	AGCTAAAAAGGGCATGTTTATGGAAACAATCTCTTGAATTGTTTCCATAAACATGCCTCGG	Hs.592262	3060	1.346175	0.57903996	0.003417303					0.698	0.55392579	0.03833466							
MLL5	NM_182931_bp3872_R	AGCTAAAAAGGGCATGTTTATGGAAACAATCTCTTGAATTGTTTCCATAAACATGCCTCGG	Hs.592262	8436	1.412625	0.36207078	0.00069436					1.05575	0.99981053	0.03616822							
MLL5	NM_182931_bp3872_R	AGCTAAAAAGGGCATGTTTATGGAAACAATCTCTTGAATTGTTTCCATAAACATGCCTCGG	Hs.592262	13812	2.514875	1.09463107	0.002327811					0.705625	0.23762534	0.011714354							
MLL5	NM_182931_bp5528_R	AGCTAAAAAGCTCGCATATTCATTCTCAAATCCTCTTGAATTTGAGAATGAATATGCGACCGG	Hs.592262	3058	0.49345	0.29357887	0.034968388					0.607025	0.85207705	0.131994373							
MLL5	NM_182931_bp5528_R	AGCTAAAAAGCTCGCATATTCATTCTCAAATCCTCTTGAATTTGAGAATGAATATGCGACCGG	Hs.592262	8434	0.5414	0.37097978	0.037721153					0.59115	0.96633378	0.173898307							
MLL5	NM_182931_bp5528_R	AGCTAAAAAGCTCGCATATTCATTCTCAAATCCTCTTGAATTTGAGAATGAATATGCGACCGG	Hs.592262	13810	0.540525	0.33288282	0.03131266					0.8444	1.10308608	0.094629302							
MLLT11	BC022448_bp1981_R	AGCTAAAAAGGAGGGTAGTTAGAGGTATAATCTCTTGAATTATACCTCTAACTACCCTCCGG	Hs.75823	4423	0.872775	1.60387174	0.226608867	1.32885	1.09736369	0.040473213		2.67515	3.39220336	0.093052247							
MLLT11	BC022448_bp1981_R	AGCTAAAAAGGAGGGTAGTTAGAGGTATAATCTCTTGAATTATACCTCTAACTACCCTCCGG	Hs.75823	9799	-0.0492	0.23801214	0.859268819	1.2495	1.03300768	0.069111975		0.62155	0.33057242	0.132473046							
MLLT11	BC022448_bp1981_R	AGCTAAAAAGGAGGGTAGTTAGAGGTATAATCTCTTGAATTATACCTCTAACTACCCTCCGG	Hs.75823	15175	2.33285	2.16820152	0.083288341	0.2339	0.34421958	0.488594782		2.59475	3.15320127	0.084712787							
MLLT11	BC022448_bp2286_R	AGCTAAAAGCACAGTTCTTCAGCTACATTCTCTTGAAATGTAGCTGAAGAACTGTGCCCGG	Hs.75823	4427	1.235			-0.421566667	0.55997795	0.238644973		0.29735	0.68681282	0.490371094							
MLLT11	BC022448_bp2286_R	AGCTAAAAGCACAGTTCTTCAGCTACATTCTCTTGAAATGTAGCTGAAGAACTGTGCCCGG	Hs.75823	9803								0.0232									
MLLT11	BC022448_bp2286_R	AGCTAAAAGCACAGTTCTTCAGCTACATTCTCTTGAAATGTAGCTGAAGAACTGTGCCCGG	Hs.75823	15179	0.220366667	0.69582696	0.539504551					1.2997									
MLLT11	BC022448_bp2310_R	AGCTAAAAGACCCTGAAATGAACAATTATTCTCTTGAAATAATTGTTCATTTCAGGGTCGG	Hs.75823	4425	-0.5414	0.26566074	0.021893574	-0.166375	0.2795107	0.383185793		-0.8846	0.03068566	0.011215468							
MLLT11	BC022448_bp2310_R	AGCTAAAAGACCCTGAAATGAACAATTATTCTCTTGAAATAATTGTTCATTTCAGGGTCGG	Hs.75823	9801	-0.562525	0.47865114	0.054917121

MMP7	NM_002423_bp312_R	AGCTAAAAGTGCCAGATGTTGCAGAATACTCTCTTGAAGTATTCTGCAACATCTGGCACGG	Hs.2256	1095	0.7292625	0.6552743	0.050282596					0.0525375	0.38742809	0.823570116							
MMP7	NM_002423_bp312_R	AGCTAAAAGTGCCAGATGTTGCAGAATACTCTCTTGAAGTATTCTGCAACATCTGGCACGG	Hs.2256	6471	0.7003375	0.71181099	0.069356351					0.0093875	0.42310234	0.969212104							
MMP7	NM_002423_bp312_R	AGCTAAAAGTGCCAGATGTTGCAGAATACTCTCTTGAAGTATTCTGCAACATCTGGCACGG	Hs.2256	11847	0.7336125	0.64957975	0.048296875					0.0239875	0.39288006	0.91919							
MMP7	NM_002423_bp493_R	AGCTAAAAGGGGAACTGCTGACATCATGATCTCTTGAATCATGATGTCAGCAGTTCCCCGG	Hs.2256	2058	2.5577375	1.64205211	0.010812859					0.2603875	1.26810995	0.606833576							
MMP7	NM_002423_bp493_R	AGCTAAAAGGGGAACTGCTGACATCATGATCTCTTGAATCATGATGTCAGCAGTTCCCCGG	Hs.2256	7434	2.2770625	1.09138944	0.00355553					0.3287625	1.17777811	0.492980234							
MMP7	NM_002423_bp493_R	AGCTAAAAGGGGAACTGCTGACATCATGATCTCTTGAATCATGATGTCAGCAGTTCCCCGG	Hs.2256	12810	2.1463875	0.8570981	0.001781269					0.2360875	1.18836314	0.621620641							
MMP9	NM_004994_bp1267_R	AGCTAAAAGCGCGCTCATGTACCCTATGTATCTCTTGAATACATAGGGTACATGAGCGCCCGG	Hs.297413	1080	0.5588875	0.17214997	0.012021489					-0.7794875	0.11329154	0.005350312							
MMP9	NM_004994_bp1267_R	AGCTAAAAGCGCGCTCATGTACCCTATGTATCTCTTGAATACATAGGGTACATGAGCGCCCGG	Hs.297413	6456	0.5537625	0.16559215	0.012083935					-0.7917375	0.14853728	0.00537124							
MMP9	NM_004994_bp1267_R	AGCTAAAAGCGCGCTCATGTACCCTATGTATCTCTTGAATACATAGGGTACATGAGCGCCCGG	Hs.297413	11832	0.5722125	0.15567217	0.0101426					-0.7691125	0.20012872	0.007087526							
MMP9	NM_004994_bp529_R	AGCTAAAAGCCACTACTGTGCCTTTGAGTTCTCTTGAAACTCAAAGGCACAGTAGTGGCGGG	Hs.297413	1094	2.8986125	0.24368072	9.13E-06					0.9632375	0.36307635	0.004580609							
MMP9	NM_004994_bp529_R	AGCTAAAAGCCACTACTGTGCCTTTGAGTTCTCTTGAAACTCAAAGGCACAGTAGTGGCGGG	Hs.297413	6470	2.8810625	0.38811166	2.71E-05					0.8562625	0.30117197	0.006163321							
MMP9	NM_004994_bp529_R	AGCTAAAAGCCACTACTGTGCCTTTGAGTTCTCTTGAAACTCAAAGGCACAGTAGTGGCGGG	Hs.297413	11846	2.8804375	0.37550895	2.48E-05					0.8734375	0.37754437	0.007703385							
MMP9	NM_004994_bp1603_R	AGCTAAAAGAACCAGCTGTATTTGTTCAATCTCTTGAATTGCACAAATACAGCTGGTTCGG	Hs.297413	1093	-0.0097625	0.28766404	0.956571885					-0.4631125	0.39725275	0.087715579							
MMP9	NM_004994_bp1603_R	AGCTAAAAGAACCAGCTGTATTTGTTCAATCTCTTGAATTGAACAAATACAGCTGGTTCGG	Hs.297413	6469	-0.0937125	0.23865749	0.580864486					-0.5543625	0.37156015	0.046413033							
MMP9	NM_004994_bp1603_R	AGCTAAAAGAACCAGCTGTATTTGTTCAATCTCTTGAATTGAACAAATACAGCTGGTTCGG	Hs.297413	11845	-0.2924125	0.26991426	0.138624468					-0.4771375	0.29284705	0.060432418							
MNDA	BC032319_bp1412_R	AGCTAAAAAGAAGGACCAATGAATGTTAATTCTCTTGAAATGTAACATTCATTGGTCCTTCGG	Hs.153837	4533	0.227925	0.39037787	0.303268501	-0.0572	0.46472644	0.8141409954		0.2302	0.6039004	0.497810551							
MNDA	BC032319_bp1412_R	AGCTAAAAAGAAGGACCAATGAATGTTAATTCTCTTGAAATGTAACATTCATTGGTCCTTCGG	Hs.153837	9909	0.323775	0.64592114	0.301572995	-0.044425	0.29424019	0.812177756		0.408433333	0.40302726	0.19014654							
MNDA	BC032319_bp1412_R	AGCTAAAAAGAAGGACCAATGAATGTTAATTCTCTTGAAATTAACATTCATTGGTCCTTCGG	Hs.153837	15285	0.1542	0.32018949	0.428333971	0.0838	0.83232602	0.845953601		0.3916	0.56250368	0.254946657							
MNDA	BC032319_bp386_R	AGCTAAAAAGTGCCTGTCTAGACAAACTATCTCTTGAATAGTTTGTCTAGACAGGCAACGG	Hs.153837	4535	0.49755	0.66242289	0.143271489	-0.288825	0.16344113	0.109876142		-0.60526667	0.50333918	0.091484638							
MNDA	BC032319_bp386_R	AGCTAAAAAGTGCCTGTCTAGACAAACTATCTCTTGAATAGTTTGTCTAGACAGGCAACGG	Hs.153837	9911	0.5176	0.4439289	0.060833578	-0.98895	0.8999755	0.057302039		-0.1025	1.01724556	0.822024171							
MNDA	BC032319_bp386_R	AGCTAAAAAGTGCCTGTCTAGACAAACTATCTCTTGAATAGTTTGTCTAGACAGGCAACGG	Hs.153837	15287	0.661725	0.35141094	0.016696046	-0.8253	0.22122623	0.00456129		-0.23456667	0.72963622	0.530337806							
MNDA	BC032319_bp594_R	AGCTAAAAGAAGGAGATCCTGTAGCTCAGATCTCTTGAATCTGAGCTACAGGATCCTCCGG	Hs.153837	4561	0.612	0.62986229	0.077026142	0.41635	0.99975603	0.472570309		-0.21226667	0.51420201	0.502040577							
MNDA	BC032319_bp594_R	AGCTAAAAGAAGGAGATCCTGTAGCTCAGATCTCTTGAATCTGAGCTACAGGATCCTCCGG	Hs.153837	9937	0.472325	0.55697133	0.118670684	0.65245	0.68313258	0.093368429		-0.53466667	0.56340382	0.139505916							
MNDA	BC032319_bp594_R	AGCTAAAAGAAGGAGATCCTGTAGCTCAGATCTCTTGAATCTGAGCTACAGGATCCTCCGG	Hs.153837	15313	0.4859	0.35816604	0.050237398	0.63925	0.58953766	0.072226043		-0.3267	0.46354085	0.29919252							
MOBKL2A	AL832474_bp1787_R	AGCTAAAAAGCTTCTTCCGTTCTTCCGAAATCTCTTGAATTTCGGAAGAACGGAAGAAGCGG	Hs.86912	4778	-0.0168125	0.23403207	0.919304636	0.1108625	0.63736644	0.72008813											
MOBKL2A	AL832474_bp1787_R	AGCTAAAAAGCTTCTTCCGTTCTTCCGAAATCTCTTGAATTTCGGAAGAACGGAAGAAGCGG	Hs.86912	10154	-0.0838125	0.22717211	0.6148059	0.0109375	0.40039007	0.960372047											
MOBKL2A	AL832474_bp1787_R	AGCTAAAAAGCTTCTTCCGTTCTTCCGAAATCTCTTGAATTTCGGAAGAACGGAAGAAGCGG	Hs.86912	15530	0.0971875	0.33755064	0.619418742	0.1996125	0.37573858	0.3699181											
MOBKL2A	AL832474_bp1867_R	AGCTAAAAAGGCTTCTGACTCATTTCCTAATCTCTTGAATTAGGAAATGAGTCAGAAGCCGG	Hs.86912	4780	-0.6646625	0.30605862	0.012663902	0.0689375	0.83917417	0.85885705											
MOBKL2A	AL832474_bp1867_R	AGCTAAAAAGGCTTCTGACTCATTTCCTAATCTCTTGAATTAGGAAATGAGTCAGAAGCCGG	Hs.86912	10156	-0.6989875	0.36101273	0.014135246	0.0815625	0.73065801	0.812935087											
MOBKL2A	AL832474_bp1867_R	AGCTAAAAAGGCTTCTGACTCATTTCCTAATCTCTTGAATTAGGAAATGAGTCAGAAGCCGG	Hs.86912	15532	-0.6242125	0.3556378	0.022129282	0.0465125	0.82495351	0.902968567											
MOBKL2A	AL832474_bp1889_R	AGCTAAAAAGGCCCCCTTTGTGTATCATAAATCTCTTGAATTTATGATACACAAAGGGGCCGG	Hs.86912	4752	-0.3112375	0.29521329	0.130851126	-0.0099125	0.19242956	0.955050347											
MOBKL2A	AL832474_bp1889_R	AGCTAAAAAGGCCCCCTTTGTGTATCATAAATCTCTTGAATTTATGATACACAAAGGGGCCGG	Hs.86912	10128	-0.3021875	0.27787592	0.132041362	0.0091875	0.24864474	0.957778605											
MOBKL2A	AL832474_bp1889_R	AGCTAAAAAGGCCCCCTTTGTGTATCATAAATCTCTTGAATTTATGATACACAAAGGGGCCGG	Hs.86912	15504	-0.2279375	0.29263167	0.241879956	0.0094625	0.28939112	0.959191366											
MOBKL2B	NM_024761_bp1105_R	AGCTAAAAAGCTAGAGGCCTTTGAAAGAAATTCTCTTGAAATTTCTTTCAAAGGCCTCTAGCGG	Hs.573014	3651	-0.736833333	0.15090557	0.014226935					-0.1977375	0.55855315	0.485304371							
MOBKL2B	NM_024761_bp1105_R	AGCTAAAAAGCTAGAGGCCTTTGAAAGAAATTCTCTTGAAATTTCTTTCAAAGGCCTCTAGCGG	Hs.573014	9027	-0.771833333	0.20471588	0.014298807					0.0771	0.2946349	0.271069242							
MOBKL2B	NM_024761_bp1105_R	AGCTAAAAAGCTAGAGGCCTTTGAAAGAAATTCTCTTGAAATTTCTTTCAAAGGCCTCTAGCGG	Hs.573014	14403	-0.710866667	0.20842889	0.019027467					0.144733333	0.48918398	0.636627452							
MOBKL2B	NM_024761_bp772_R	AGCTAAAAAGGGCCCCAAATATGAGTATGTCTCTTGAACGATACTCATATTTGGGGCCCGG	Hs.573014	3649	-0.64415	0.50116076	0.039472213					-0.2507125	0.57440277	0.389023155							
MOBKL2B	NM_024761_bp772_R	AGCTAAAAAGGGCCCCAAATATGAGTATGTCTCTTGAACGATACTCATATTTGGGGCCCGG	Hs.573014	9025	-0.686025	0.39514419	0.018601394					-0.3977625	0.68523731	0.233096862							
MOBKL2B	NM_024761_bp772_R	AGCTAAAAAGGGCCCCAAATATGAGTATGTCTCTTGAACGATACTCATATTTGGGGCCCGG	Hs.573014	14401	-0.418375	0.46062936	0.115576114					-0.3230625	0.46512621	0.231510617							
MOBKL2B	NM_024761_bp795_R	AGCTAAAAAGGCACGGATGATCTCAAGTATATCTCTTGAATATACTTGAGATCATCCTGCCGG	Hs.573014	3623	1.260525	0.47260909	0.002424283					0.4751125	0.58593426	0.132167504							
MOBKL2B	NM_024761_bp795_R	AGCTAAAAAGGCACGGATGATCTCAAGTATATCTCTTGAATATACTTGAGATCATCCTGCCGG	Hs.573014	8999	1.131575	0.5159404	0.005020513					0.5055875	0.57684599	0.110622579							
MOBKL2B	NM_024761_bp795_R	AGCTAAAAAGGCACGGATGATCTCAAGTATATCTCTTGAATATACTTGAGATCATCCTGCCGG	Hs.573014	14375	1.4502	0.32907114	0.000487617					0.4719875	0.59630878	0.13752736							
MOBKL2C	NM_145279_bp2329_R	AGCTAAAAAGCCCATCAATTGCTACATAGATCTCTTGAATCTATGTAGCAATTGATGGGCGG	Hs.100874	3458	-1.002966667	0.22882117	0.006243283					1.155675	0.59647993	0.035607805							
MOBKL2C	NM_145279_bp2329_R	AGCTAAAAAGCCCATCAATTGCTACATAGATCTCTTGAATCTATGTAGCAATTGATGGGCGG	Hs.100874	8834	-0.252166667	0.55748998	0.421360892					0.9344875	1.21011807	0.088486356							
MOBKL2C	NM_145279_bp2329_R	AGCTAAAAAGCCCATCAATTGCTACATAGATCTCTTGAATCTATGTAGCAATTGATGGGCGG	Hs.100874	14210	-0.909325	0.10152184	0.001085846					0.1904625	0.63806213	0.531781109							
MOBKL2C	NM_145279_bp631_R	AGCTAAAAAGGAGTTCCCTTCCCTAAGGAACTCTCTTGAAGTTCTTAGGGAAGGGAACTCCGG	Hs.100874	3815	0.352	0.33972104	0.179536509					-0.1703									
MOBKL2C	NM_145279_bp631_R	AGCTAAAAAGGAGTTCCCTTCCCTAAGGAACTCTCTTGAAGTTCTTAGGGAAGGGAACTCCGG	Hs.100874	9191	0.341733333	0.37203605	0.203892436					-0.207									
MOBKL2C	NM_145279_bp631_R	AGCTAAAAAGGAGTTCCCTTCCCTAAGGAACTCTCTTGAAGTTCTTAGGGAAGGGAACTCCGG	Hs.100874	14567	0.285166667	0.40068286	0.288731832					-0.2128									
MOS	NM_005372_bp241_R	AGCTAAAAAGGTGTTCCTGTGGCCATAAAGTCTCTTGAACTTTATGGCCACAGGAACACCGG	Hs.533432	1659	2.937966667	4.07955843	0.153163443	-1.209333333	3.84348041	0.518238167											
MOS	NM_005372_bp241_R	AGCTAAAAAGGTGTTCCTGTGGCCATAAAGTCTCTTGAACTTTATGGCCACAGGAACACCGG	Hs.533432	7035	3.158866667	4.19030301	0.139080364	-1.149	4.19747883	0.570754939											
MOS	NM_005372_bp241_R	AGCTAAAAAGGTGTTCCTGTGGCCATAAAGTCTCTTGAACTTTATGGCCACAGGAACACCGG	Hs.533432	12411	2.9294	4.22815126	0.165515281	-1.389433333	4.07813413	0.486352454											
MOS	NM_005372_bp512_R	AGCTAAAAAGACAGTTAAGTTTGGGAAAGTTCTCTTGAAACTTTCCCAAACTTAACTGTCGG	Hs.533432	396	2.057475	3.88546242	0.230474885	-0.927733333	2.64683077	0.477324797											
MOS	NM_005372_bp512_R	AGCTAAAAAGACAGTTAAGTTTGGGAAAGTTCTCTTGAAACTTTCCCAAACTTAACTGTCGG	Hs.533432	5772	2.617775	4.72597404	0.212232006	-1.381	3.23861824	0.394281819											
MOS	NM_005372_bp512_R	AGCTAAAAAGACAGTTAAGTTTGGGAAAGTTCTCTTGAAACTTTCCCAAACTTAACTGTCGG	Hs.533432	11148	3.0628	5.17926222	0.187317809	-2.181633333	2.81810484	0.163979405											
MOSC2	AK125512_bp185_R	AGCTAAAAGTGCTAAATGCACTAAACATCTCTTGAATGTTTAGTGCATTTAAGCACCGG	Hs.369042	3881	0.9567875	0.89738196	0.040963801					-0.5246675	0.19632705	0.03412634							
MOSC2	AK125512_bp185_R	AGCTAAAAGTGCTAAATGCACTAAACATCTCTTGAATGTTTAGTGCATTTAAGCACCGG	Hs.369042	9257	0.6383125	0.4475033	0.031588301					-0.396925	0.14047955	0.077067796							
MOSC2	AK125512_bp185_R	AGCTAAAAGGTGCTAAATGCACTAAACATCTCTTGAATGTTTAGTGCATTTAAGCACCGG	Hs.369042	14633	0.5639375	0.43892806	0.045675505					-0.403025	0.12359939	0.079111075							
MOSC2	AK125512_bp247_R	AGCTAAAAAGGGGCATTTGTTTCAATGAGTTCTCTTGAAACTCATTGAAACAAATGCCCCGG	Hs.369042	3883	4.0347125	0.33034675	3.35E-06					0.829225	0.09944571	0.003877645							
MOSC2	AK125512_bp247_R	AGCTAAAAAGGGGCATTTGTTTCAATGAGTTCTCTTGAAACTCATTGAAACAAATGCCCCGG	Hs.369042	9259	4.0868375	0.22283922	1.44E-06					0.799575	0.97626892	0.08370423							
MOSC2	AK125512_bp247_R	AGCTAAAAAGGGGCATTTGTTTCAATGAGTTCTCTTGAAACTCATTGAAACAAATGCCCCGG	Hs.369042	14635	4.0626625	0.40390215	5.56E-06					0.870625	0.36423886	0.002390792							
MOSC2	AK125512_bp2874_R	AGCTAAAAAGGGGGGAATATGAAAGTATATTCTCTTGAATATACTTTCATATTCCCCCCGG	Hs.369042	3879	-0.238133333	0.22608154	0.279450462					-0.3985	0.52339776	0.174110948							
MOSC2	AK125512_bp2874_R	AGCTAAAAAGGGGGGAATATGAAAGTATATTCTCTTGAATATACTTTCATATTCCCCCCGG	Hs.369042	9255	-0.291866667	0.3227714	0.241254225					-0.37965	0.53294673	0.19336187							
MOSC2	AK125512_bp2874_R	AGCTAAAAAGGGGGGAATATGAAAGTATATTCTCTTGAATATACTTTCATATTCCCCCCGG	Hs.369042	14631	-0.1846625	0.35725542	0.37380599					-0.294275	0.49798962	0.284804128							
MPL	NM_005373_bp1404_R	AGCTAAAAGCGATCTCGCTACCGTTTACATCTCTTGAATGTAAACGGTAGCGAGATCGCGGG	Hs.82906	3349	-0.476225	0.23803225	0.029976433					-0.4141125	0.37324387	0.11163825	0.786725	0.95369358	0.197536981	0.0144	0.3140727	0.932717586	
MPL	NM_005373_bp1404_R	AGCTAAAAGCGATCTCGCTACCGTTTACATCTCTTGAATGTAAACGGTAGCGAGATCGCGGG	Hs.82906	8725	-0.09485	0.87509302	0.80386331					-0.4289875	0.37963196	0.103339631	0.74705	0.98560439	0.226796467	0.056875	0.3010992	0.730737063	
MPL	NM_005373_bp1404_R	AGCTAAAAGCGATCTCGCTACCGTTTACATCTCTTGAATGTAAACGGTAGCGAGATCGCGGG	Hs.82906	14101	-0.5546	0.21003345	0.015021423					-0.2591375	0.32388931	0.268441364	0.715825	0.89570053	0.208256533	0.075825	0.30891977	0.657161142	
MPL	NM_005373_bp1589_R	AGCTAAAAGGCAGTTTCCTGCACACTACATCTCTTGAATGTAGTGTGCAGGAAACTGCCGG	Hs.82906	3351	-0.4566	1.0068625	0.316195478					-0.5695875	0.71815045	0.114878424	-0.122933333	0.60352996	0.757949379	1.0742	0.57217236	0.082971559	
MPL	NM_005373_bp1589_R	AGCTAAAAGGCAGTTTCCTGCACACTACATCTCTTGAATGTAGTGTGCAGGAAACTGCCGG	Hs.82906	8727	-0.426475	0.97300288	0.332586669					-0.6115625	0.70299378	0.091474465	0.0385	0.72302056	0.934922013	1.258133333	0.71193107	0.092208803	
MPL	NM_005373_bp1589_R	AGCTAAAAGGCAGTTTCCTGCACACTACATCTCTTGAATGTAGTGTGCAGGAAACTGCCGG	Hs.82906	14103	-0.393525	0.91706066	0.344769165					-0.6001625	0.70232672	0.096197887	-0.0185	0.63619302	0.964407934	1.193366667	0.56608948	0.06750077	
MPL	NM_005373_bp517_R	AGCTAAAAGCTCCAGAAATCAGTGATTTCTCTCTTGAAGAAATCACTGATTTCTGGAGCGG	Hs.82906	3347	-1.1127	0.1988331	0.003838594					-0.27195	0.05833631	0.431015375	0.304625	0.68192793	0.437457992	0.42865	0.46903432	0.165031651	
MPL	NM_005373_bp517_R	AGCTAAAAGCTCCAGAAATCAGTGATTTCTCTCTTGAAGAAATCACTGATTTCTGGAGCGG	Hs.82906	14099	-0.715125	0.21992345	0.005689046					-0.1720875	0.09361537	0.383151135	0.336075	0.64640334	0.374858141	0.366225	0.49076618	0.232400994	
MPL	NM_005373_bp517_R	AGCTAAAAGCTCCAGAAATCAGTGATTTCTCTCTTGAAGAAATCACTGATTTCTGGAGCGG	Hs.82906	8723	-1.122666667	0.23564461	0.004249376					-0.3283			0.3407	0.66040231	0.378062842	0.44675	0.54107459	0.197235167	
MSA4A7	AK057418_bp139_R	AGCTAAAAGCAACTACGTCGTCACTATATATCTCTTGAATATAGTGACGACGTGAGTTGCGG	Hs.530735	4037	-0.2946875	0.30281542	0.151804872					-0.856975	0.04353423	0.003068578							
MSA4A7	AK057418_bp139_R	AGCTAAAAGCAACTACGTCGTCACTATATATCTCTTGAATATAGTGACGACGTGAGTTGCGG	Hs.530735	9413	-0.2245125	0.27309222	0.236331856					-0.813375	0.08916787	0.00418468							
MSA4A7	AK057418_bp139_R	AGCTAAAAGCAACTACGTCGTCACTATATATCTCTTGAATATAGTGACGACGTGAGTTGCGG	Hs.530735	14789	-0.1216375	0.3752793	0.554451189					-0.787425	0.08967011	0.004892177							
MSA4A7	AK057418_bp2912_R	AGCTAAAAGCCACCTCATTAACTTACAAATCTCTTGAATTTGTAAGTTAATGAGGTGGCGG	Hs.530735	4033	-0.7222375	0.27337845	0.007488454					-0.2273	0.18313804	0.278993713							
MSA4A7	AK057418_bp2912_R	AGCTAAAAGCCACCTCATTAACTTACAAATCTCTTGAATTTGTAAGTTAATGAGGTGGCGG	Hs.530735	9409	-0.6968125	0.27738004	0.008873258					-0.174575	0.12815619	0.382936338							
MSA4A7	AK057418_bp2912_R	AGCTAAAAGCCACCTCATTAACTTACAAATCTCTTGAATTTGTAAGTTAATGAGGTGGCGG	Hs.530735	14785	-0.6880375	0.27427852	0.009168511					-0.129	0.08136392	0.505605112							
MSA4A7	AK057418_bp62_R	AGCTAAAAGCGGCAATGTTTGCTCACTCTTTCTCTTGAAAGAGTGAGCAAACATTGCCCGCGG	Hs.530735	4035	0.7339375	0.44462387	0.018918681					0.093275	0.15192304	0.636996685							
MSA4A7	AK057418_bp62_R	AGCTAAAAGCGGCAATGTTTGCTCACTCTTTCTCTTGAAAGAGTGAGCAAACATTGCCCGCGG	Hs.530735	9411	0.7910125	0.52145637	0.021324952					0.1185	0.06498046	0.537905727							
MSA4A7	AK057418_bp62_R	AGCTAAAAGCGGCAATGTTTGCTCACTCTTTCTCTTGAAAGAGTGAGCAAACATTGCCCGCGG	Hs.530735	14787	0.7228875	0.51259179	0.028165498					0.223125	0.08869041	0.267467946							
MST1R	NM_002447_bp1453_R	AGCTAAAAGCTGGTCAGGTCACTAACTATCTCTTGAATAGTTTAGTGACCTGACCAGCGGG	Hs.517973	183	-0.354925	0.31334877	0.101403142	-0.4307125	0.51347927	0.147134131											
MST1R	NM_002447_bp1453_R	AGCTAAAAGCTGGTCAGGTCACTAACTATCTCTTGAATAGTTTAGTGACCTGACCAGCGGG	Hs.517973	5559	-0.218475	0.26694386	0.243763138	-0.4686625	0.41381688	0.090934374											
MST1R	NM_002447_bp1453_R	AGCTAAAAGCTGGTCAGGTCACTAACTATCTCTTGAATAGTTTAGTGACCTGACCAGCGGG	Hs.517973	10935	-0.30635	0.45976735	0.222073644	-0.8573125	1.60464018	0.261370497											
MST1R	NM_002447_bp3137_R	AGCTAAAAGGAGCATCCTTCTCCGATAGTTCTCTTGAAACTATCGGAGAAGGATGCTCCGG	Hs.517973	1731	-0.0994	0.08669129	0.70472861														
MST1R	NM_002447_bp3137_R	AGCTAAAAGGAGCATCCTTCTCCGATAGTTCTCTTGAAACTATCGGAGAAGGATGCTCCGG	Hs.517973	7107	-0.10495	0.07940809	0.689024744														
MST1R	NM_002447_bp3137_R	AGCTAAAAGGAGCATCCTTCTCCGATAGTTCTCTTGAAACTATCGGAGAAGGATGCTCCGG	Hs.517973	12483	0.11015	0.13060262	0.679505045														
MST1R	NM_002447_bp887_R	AGCTAAAAAGAGCTGGGTGACTATTCTCTTGAAATGATCACCCAACTCTGGCTCGG	Hs.517973	10936	0.0516	1.22074915	0.931161205	1.1984625	2.47141009	0.297337982											
MST1R	NM_002447_bp887_R	AGCTAAAAAGAGCCAGAGTTGGGTGACTATTCTCTTGAAATGATCACCCAACTCTGGCTCGG	Hs.517973	184	-0.8234			0.042983333	1.10236759	0.937436143											
MST1R	NM_002447_bp887_R	AGCTAAAAAGAGCCAGAGTTGGGTGACTATTCTCTTGAAATGATCACCCAACTCTGGCTCGG	Hs.517973	5560	-0.8177			-0.02295	1.03993158	0.964791203											
MST4	NM_016542_bp248_R	AGCTAAAAGTGCCTGGGATGCAGAATAACTCTCTTGAAGTTATTCTGCATCCCAGGCACGG	Hs.444247	570	0.195425	4.34967285	0.91226818	-5.8303													
MST4	NM_016542_bp248_R	AGCTAAAAGTGCCTGGGATGCAGAATAACTCTCTTGAAGTTATTCTGCATCCCAGGCACGG	Hs.444247	5946	-0.190725	5.04254713	0.926030068	-5.2137													
MST4	NM_016542_bp248_R	AGCTAAAAGTGCCTGGGATGCAGAATAACTCTCTTGAAGTTATTCTGCATCCCAGGCACGG	Hs.444247	11322	-0.441475	4.65952912	0.816607153	-4.8959													
MST4	NM_016542_bp494_R	AGCTAAAAGGGTCTAAATTATGGATAATATCTCTTGAATATTATCCATAATTTAGACCCGG	Hs.444247	571	-1.10295	0.79367624	0.021098127	0.7666	1.7784046	0.396484089											
MST4	NM_016542_bp494_R	AGCTAAAAGGGTCTAAATTATGGATAATATCTCTTGAATATTATCCATAATTTAGACCCGG	Hs.444247	5947	-1.2281	1.04792384	0.034168922	0.714433333	1.43006048	0.33944522											
MST4	NM_016542_bp494_R	AGCTAAAAGGGTCTAAATTATGGATAATATCTCTTGAATATTATCCATAATTTAGACCCGG	Hs.444247	11323	-1.42465	0.32321798	0.000508749	0.9292	1.75934311	0.311425334											
MSX1	NM_002448_bp1384_R	AGCTAAAGACAGAAGGTTAACAGATTTATCTCTTGAATAAATCTGTTAACCTCTTGCCGG	Hs.424414	3380	1.4524	0.34912267	0.000557287					1.158525	0.28749501	0.001300684							
MSX1	NM_002448_bp1384_R	AGCTAAAGACAGAAGGTTAACAGATTTATCTCTTGAATAAATCTGTTAACCTCTTGCCGG	Hs.424414	8756	1.2677	0.16762134	0.000315658					0.78785	0.44450877	0.015934472							
MSX1	NM_002448_bp1384_R	AGCTAAAGACAGAAGGTTAACAGATTTATCTCTTGAATAAATCTGTTAACCTCTTGCCGG	Hs.424414	14132	1.193075	0.27183667	0.000815719					0.889425	0.28995221	0.00517039							
MSX1	NM_002448_bp232_R	AGCTAAAAAGCTGCTGACATGACTTCTTTGTCTCTTGAACAAAGATCATGTCAGCAGCGGG	Hs.424414	3382	-0.1435	0.21533551	0.393546083					-0.081375	0.62257618	0.783367176							
MSX1	NM_002448_bp232_R	AGCTAAAAGCTGCTGACATGACTTCTTTGTCTCTTGAACAAAGATCATGTCAGCAGCGGG	Hs.424414	8758	-0.635525	0.65811133	0.076345628					-0.1217	0.61219506	0.67920977							
MSX1	NM_002448_bp232_R	AGCTAAAAGCTGCTGACATGACTTCTTTGTCTCTTGAACAAAGATCATGTCAGCAGCGGG	Hs.424414	14134	-0.30165	0.53034898	0.268414534					-0.076325	0.65369523	0.80225473							
MSX1	NM_002448_bp859_R	AGCTAAAAAGAGACGCAGGTGAAGATATGGTCTCTTGAACCATATCTTCACCTGCGTCTCGG	Hs.424414	3378	4.114425	1.50415894	0.000963551					4.345725	0.53297506	2.54E-06							
MSX1	NM_002448_bp859_R	AGCTAAAAGAGACGCAGGTGAAGATATGGTCTCTTGAACCATATCTTCACCTGCGTCTCGG	Hs.424414	8754	3.164775	1.33029321	0.001872129					3.441125	0.63118841	1.78E-05							
MSX1	NM_002448_bp859_R	AGCTAAAAGAGACGCAGGTGAAGATATGGTCTCTTGAACCATATCTTCACCTGCGTCTCGG	Hs.424414	14130	3.96425	1.3835692	0.000793152					3.827525	0.75070559	1.83E-05							
MTA2	NM_004739_bp1210_R	AGCTAAAAAGAGGAGGCCCTAGAGAAGTATTCTCTTGAAATACTTCTCTAGGGCCCTCCTCGG	H

MTIF2	NM_002453_bp806_R	AGCTAAAAAGGTCCCCAGTTGTTACTATAATCTCTTGAATTATAGTAACAACTGGGGACCGG	Hs.149894	8221	3.728925	2.2602179	0.00797124							2.1677625	2.30793328	0.037125899									
MTIF2	NM_002453_bp806_R	AGCTAAAAAGGTCCCCAGTTGTTACTATAATCTCTTGAATTATAGTAACAACTGGGGACCGG	Hs.149894	13597	4.19465	2.5810392	0.00842501							2.6165875	2.56316855	0.027142199									
MTMR6	NM_004685_bp1740_R	AGCTAAAAAGTTCCGAATCTCACAGATTTATCTCTTGAATAAATCTGTGAGATTCGGAACGG	Hs.591220	3303	0.402975	0.66787402	0.221580081							-0.2960125	0.44960616	0.26199217	0.619725	0.81530393	0.226042633	0.22375	0.35502967	0.296624643			
MTMR6	NM_004685_bp1740_R	AGCTAAAAAGTTCCGAATCTCACAGATTTATCTCTTGAATAAATCTGTGAGATTCGGAACGG	Hs.591220	8679	-0.3497	0.6911398	0.291704183							-0.1935125	0.36194654	0.413309919	0.6478	0.74868761	0.181976333	0.317875	0.31414758	0.136164943			
MTMR6	NM_004685_bp1740_R	AGCTAAAAAGTTCCGAATCTCACAGATTTATCTCTTGAATAAATCTGTGAGATTCGGAACGG	Hs.591220	14055	-0.09685	0.51983176	0.70203721							-0.0030875	0.55524569	0.991089252	0.634925	0.82268897	0.220466905	0.37105	0.36902035	0.137982276			
MTMR6	NM_004685_bp2085_R	AGCTAAAAAGCCCGGCAGATAATCGTTATATCTCTTGAATATAACGATTATCTGCCGGGCGG	Hs.591220	3301	0.000566667	0.35033485	0.998064287							0.277783333	0.54378702	0.397499429	0.116475	0.19120334	0.310169032	0.029625	0.26271125	0.836055523			
MTMR6	NM_004685_bp2085_R	AGCTAAAAAGCCCGGCAGATAATCGTTATATCTCTTGAATATAACGATTATCTGCCGGGCGG	Hs.591220	8677	-0.898266667	0.52851663	0.029838202							-0.07761667	0.39402163	0.783964981	0.1098	0.21597066	0.38411172	-0.003925	0.33704888	0.982881177			
MTMR6	NM_004685_bp2085_R	AGCTAAAAAGCCCGGCAGATAATCGTTATATCTCTTGAATATAACGATTATCTGCCGGGCGG	Hs.591220	14053	-0.91875	0.14700669	0.001271689							0.1715375	0.32876912	0.45281587	0.128675	0.19075629	0.270094368	0.007	0.37039024	0.972223332			
MuLK	NM_018238_bp1131_R	AGCTAAAAAGCCAGTGCACTTTGCTTATCCTCTCTTGAAGGATAAGCAAAGTGCACTGGCGG	Hs.260238	1774	1.18315	2.20739442	0.017772459	0.704	1.56793858	0.425744158															
MuLK	NM_018238_bp1131_R	AGCTAAAAAGCCAGTGCACTTTGCTTATCCTCTCTTGAAGGATAAGCAAAGTGCACTGGCGG	Hs.260238	12526																					
MuLK	NM_018238_bp1131_R	AGCTAAAAAGCCAGTGCACTTTGCTTATCCTCTCTTGAAGGATAAGCAAAGTGCACTGGCGG	Hs.260238	7150																					
MuLK	NM_018238_bp161_R	AGCTAAAAGCTCAGGTGTTTGGCAATCAATCTCTTGAATTGATTGCCAAACACCTGAGCGG	Hs.260238	582	-0.254325	0.08041225	0.113904892	-0.1049	0.12239779	0.486237269															
MuLK	NM_018238_bp161_R	AGCTAAAAGCTCAGGTGTTTGGCAATCAATCTCTTGAATTGATTGCCAAACACCTGAGCGG	Hs.260238	5958	-0.083325	0.10256586	0.563881963	0.07155	0.09127404	0.619506255															
MuLK	NM_018238_bp161_R	AGCTAAAAGCTCAGGTGTTTGGCAATCAATCTCTTGAATTGATTGCCAAACACCTGAGCGG	Hs.260238	11334	-0.076575	0.14445312	0.610016001	0.37075	0.1175656	0.048163381															
MuLK	NM_018238_bp677_R	AGCTAAAAAGGCGTCAAAGTTAGCAAGTACTCTCTTGAAGTACTTGCTAACTTTGACGCCGG	Hs.260238	583	-0.781075	0.38503937	0.010669026	0.093425	0.40866848	0.678333129															
MuLK	NM_018238_bp677_R	AGCTAAAAAGGCGTCAAAGTTAGCAAGTACTCTCTTGAAGTACTTGCTAACTTTGACGCCGG	Hs.260238	5959	-0.364033333	0.37220361	0.181477149	0.517475	0.36889938	0.052439844															
MuLK	NM_018238_bp677_R	AGCTAAAAAGGCGTCAAAGTTAGCAAGTACTCTCTTGAAGTACTTGCTAACTTTGACGCCGG	Hs.260238	11335	-0.303325	0.38396516	0.183884845	0.753375	0.40910729	0.019207249															
MuSK	NM_005592_bp1392_R	AGCTAAAAGACTGCCACATCTAGATTATATCTCTTGAATATAATCTAGATGTGGCAGTCGG	Hs.521653	1705	-0.19565																				
MuSK	NM_005592_bp1746_R	AGCTAAAAGCCTGGAGTATCCAAGGAATATCTCTTGAATATTCCTTGGATACTCCAGGCGG	Hs.521653	419	-1.753675	0.23932029	0.006204923	-2.231266667	1.19010601	0.019679347															
MuSK	NM_005592_bp1746_R	AGCTAAAAGCCTGGAGTATCCAAGGAATATCTCTTGAATATTCCTTGGATACTCCAGGCGG	Hs.521653	5795	-1.794325	0.22072338	0.005628312	-3.908866667	2.62043658	0.034131752															
MuSK	NM_005592_bp1746_R	AGCTAAAAGCCTGGAGTATCCAAGGAATATCTCTTGAATATTCCTTGGATACTCCAGGCGG	Hs.521653	11171	-1.790525	0.20912683	0.005557311	-3.908866667	2.6144029	0.033912882															
MuSK	NM_005592_bp386_R	AGCTAAAAGCCTGCAAGTGAAGATGAAATCTCTTGAATTTCATCTTCACTTGCAGGGCGG	Hs.521653	420	-0.40285	0.46426613	0.128101729	-0.692666667	0.71862099	0.13382752 8															
MuSK	NM_005592_bp386_R	AGCTAAAAGCCTGCAAGTGAAGATGAAATCTCTTGAATTTCATCTTCACTTGCAGGGCGG	Hs.521653	5796	-0.804525	0.54760929	0.022781816	-1.919533333	1.11636984	0.025909032															
MuSK	NM_005592_bp386_R	AGCTAAAAGCCTGCAAGTGAAGATGAAATCTCTTGAATTTCATCTTCACTTGCAGGGCGG	Hs.521653	11172	-1.254175	0.83595058	0.015414972	-2.350433333	1.88803591	0.057226392															
MX1	AK096355_bp1536_R	AGCTAAAAAGTCCGGATCTGACTCTAATATCTCTTGAATATTAGAGTCAGATCCGGGACGG	Hs.517307	4044	0.2060875	0.05839493	0.177076422							-0.588225	0.46149822	0.050694883									
MX1	AK096355_bp1536_R	AGCTAAAAGTCCCGGATCTGACTCTAATATCTCTTGAATATTAGAGTCAGATCCGGGACGG	Hs.517307	9420	0.1806875	0.14537445	0.256116849							-0.4943	0.44798563	0.083519743									
MX1	AK096355_bp1536_R	AGCTAAAAGTCCGGATCTGACTCTAATATCTCTTGAATATTAGAGTCAGATCCGGGACGG	Hs.517307	14796	0.1680125	0.11301631	0.272885844							-0.4651	0.43044443	0.094553141									
MX1	AK096355_bp2357_R	AGCTAAAAAGCTGCCAGGCTTTGTGAATTATCTCTTGAATAATTCACAAAGCCTGGCAGCGG	Hs.517307	4042	-1.0107875	0.33604148	0.002659494							-0.8564	0.45066242	0.011459304									
MX1	AK096355_bp2357_R	AGCTAAAAGCTGCCAGGCTTTGTGAATTATCTCTTGAATAATTCACAAAGCCTGGCAGCGG	Hs.517307	9418	-0.8581125	0.39425543	0.007716502							-0.4407	0.59522126	0.160510731									
MX1	AK096355_bp2357_R	AGCTAAAAGCTGCCAGGCTTTGTGAATTATCTCTTGAATAATTCACAAAGCCTGGCAGCGG	Hs.517307	14794	-0.7999125	0.34934375	0.007827673							-0.619075	0.59084816	0.06445589									
MX1	AK096355_bp3433_R	AGCTAAAAGTCTCCTCTCTCTGTAATAAATCTCTTGAATTTATTACAGAGAGAGGAGACGG	Hs.517307	4046	-1.1617125	0.34080426	0.001474028							-0.099225	0.28275184	0.646362025									
MX1	AK096355_bp3433_R	AGCTAAAAGTCTCCTCTCTCTGTAATAAATCTCTTGAATTTATTACAGAGAGAGGAGACGG	Hs.517307	9422	-1.0103375	0.21296618	0.001194178							-0.016875	0.17448063	0.932179706									
MX1	AK096355_bp3433_R	AGCTAAAAGTCTCCTCTCTCTGTAATAAATCTCTTGAATTTATTACAGAGAGAGGAGACGG	Hs.517307	14798	-1.0640875	0.29447803	0.001603938							-0.1628	0.2614834	0.450996944									
MYBL1	X66087_bp295_R	AGCTAAAAAGTCCTGGTAATGAACAACTTATCTCTTGAATAAGTTGTTCATTACCAGGACGG	Hs.445898	4905	0.2093875	0.45072998	0.378831461	0.2944875	0.76835319	0.429230864							0.441325	0.37909731	0.102306817	0.507175	0.65878026	0.221258634			
MYBL1	X66087_bp295_R	AGCTAAAAGTCCTGGTAATGAACAACTTATCTCTTGAATAAGTTGTTCATTACCAGGACGG	Hs.445898	10281	0.1690125	0.35741115	0.41267914	0.3616625	0.78986809	0.350322804							0.4452	0.4122873	0.119614068	0.601725	0.61983597	0.147481151			
MYBL1	X66087_bp295_R	AGCTAAAAGTCCTGGTAATGAACAACTTATCTCTTGAATAAGTTGTTCATTACCAGGACGG	Hs.445898	15657	0.5166375	0.60461947	0.110786295	0.4537875	0.8704252	0.285719896							0.424825	0.39399152	0.119968423	0.52	0.63699663	0.201004329			
MYBL1	X66087_bp355_R	AGCTAAAAGGCAGAAAGCTCTCATTACAATCTCTTGAATTGTAATGAGAGCTTTCTGCCGG	Hs.445898	4901	0.456733333	1.4280637	0.492354615	0.7177875	0.30251019	0.012566237							0.6178	0.28693166	0.023050926	0.51	0.51929922	0.397265414			
MYBL1	X66087_bp355_R	AGCTAAAAGGCAGAAAGCTCTCATTACAATCTCTTGAATTGTAATGAGAGCTTTCTGCCGG	Hs.445898	10277	0.312166667	1.38492126	0.623741969	0.809466667	0.1668129	0.015713606							0.7221	0.44477017	0.261498031	0.4426	0.38075027	0.181690975			
MYBL1	X66087_bp355_R	AGCTAAAAGGCAGAAAGCTCTCATTACAATCTCTTGAATTGTAATGAGAGCTTTCTGCCGG	Hs.445898	15653	0.4237125	0.97937048	0.337989676	0.8245625	0.21687804	0.004462137							0.99405	1.06355931	0.412326459	0.6872	0.44683904	0.116760529			
MYBL1	X66087_bp597_R	AGCTAAAAAGGAACAGACCTATTCCTCAAATCTCTTGAATTTGAGGAATAGGTCTGTTCCGG	Hs.445898	4903	0.2782125	0.27894804	0.159250001	0.6311375	0.91965723	0.179274174							0.910925	0.71756524	0.0847586	0.509025	0.54026823	0.15602402			
MYBL1	X66087_bp597_R	AGCTAAAAGGAACAGACCTATTCCTCAAATCTCTTGAATTTGAGGAATAGGTCTGTTCCGG	Hs.445898	10279	0.2679875	0.24118646	0.153461858	0.5818375	0.82771969	0.175153165							0.8655	0.67940261	0.084102327	0.53735	0.50711564	0.124271978			
MYBL1	X66087_bp597_R	AGCTAAAAGGAACAGACCTATTCCTCAAATCTCTTGAATTTGAGGAATAGGTCTGTTCCGG	Hs.445898	15655	0.3173375	0.26110563	0.110717576	0.5989625	0.95738639	0.211719169							0.9243	0.83091227	0.11254106	0.572275	0.51448151	0.112553275			
MYC	NM_002467_bp1350_R	AGCTAAAAGAGGGTCAAGTTGGACAGTGTTCTCTTGAAACACTGTCCAACTTGACCCTCGG	Hs.202453	2048	0.7840125	0.43470531	0.013968293							1.2271125	0.41006497	0.001710229									
MYC	NM_002467_bp1350_R	AGCTAAAAGAGGGTCAAGTTGGACAGTGTTCTCTTGAAACACTGTCCAACTTGACCCTCGG	Hs.202453	7424	0.7700375	0.2970796	0.006642138							1.4329125	0.34659224	0.000550854									
MYC	NM_002467_bp1350_R	AGCTAAAAGAGGGTCAAGTTGGACAGTGTTCTCTTGAAACACTGTCCAACTTGACCCTCGG	Hs.202453	12800	0.7129625	0.31605442	0.010187729							1.3618625	0.32896228	0.00066604									
MYC	NM_002467_bp1630_R	AGCTAAAAAGAGGACTTGTTGCGGAAACGATCTCTTGAATCGTTTCCGCAACAAGTCCTCGG	Hs.202453	2052	0.8159125	0.44412811	0.0126157							0.3716875	0.47373726	0.179543057									
MYC	NM_002467_bp1630_R	AGCTAAAAAGAGGACTTGTTGCGGAAACGATCTCTTGAATCGTTTCCGCAACAAGTCCTCGG	Hs.202453	7428	1.0864875	0.49847013	0.005386095							0.3161375	0.6292384	0.309180806									
MYC	NM_002467_bp1630_R	AGCTAAAAAGAGGACTTGTTGCGGAAACGATCTCTTGAATCGTTTCCGCAACAAGTCCTCGG	Hs.202453	12804	1.0297125	0.47732224	0.005960925							0.3713625	0.56466097	0.214182421									
MYC	NM_002467_bp435_R	AGCTAAAAGGTGCAGCCGTATTTCTACTGTCTCTTGAACATGAAAATACGGCTGCACCGG	Hs.202453	2050	1.1279875	0.26950732	0.00104014							0.4299375	0.2891091	0.02612753									
MYC	NM_002467_bp435_R	AGCTAAAAGGTGCAGCCGTATTTCTACTGTCTCTTGAACATGAAAATACGGCTGCACCGG	Hs.202453	7426	1.2510625	0.42050987	0.001797208							0.6169125	0.2338016	0.020284157									
MYC	NM_002467_bp435_R	AGCTAAAAGGTGCAGCCGTATTTCTACTGTCTCTTGAACATGAAAATACGGCTGCACCGG	Hs.202453	12802	1.0902125	0.2351881	0.000969783							0.4853625	0.29599122	0.057704821									
MYCL1	NM_005376_bp120_R	AGCTAAAAGTACCAGCACTATTTCTACGATCTCTTGAATCGTAGAAATAGTGCTGGTACGG	Hs.437922	2044	0.1055625	0.25158691	0.54291841							0.2862625	0.16364213	0.180122742									
MYCL1	NM_005376_bp120_R	AGCTAAAAGTACCAGCACTATTTCTACGATCTCTTGAATCGTAGAAATAGTGCTGGTACGG	Hs.437922	7420	0.0962625	0.28201154	0.593862261							0.3072625	0.1964404	0.161581036									
MYCL1	NM_005376_bp120_R	AGCTAAAAGTACCAGCACTATTTCTACGATCTCTTGAATCGTAGAAATAGTGCTGGTACGG	Hs.437922	12796	0.0671625	0.26417171	0.700429772							0.2876375	0.15929845	0.177431884									
MYCL1	NM_005376_bp1436_R	AGCTAAAAGCCCCTACTTTGTGGCAATCTTCTCTTGAAAGATTGCCACAAAGTAGGGGCGG	Hs.437922	1072	-0.2106125	0.11186312	0.182957673							-0.2277875	0.47084237	0.38689484									
MYCL1	NM_005376_bp1436_R	AGCTAAAAGCCCCTACTTTGTGGCAATCTTCTCTTGAAAGATTGCCACAAAGTAGGGGCGG	Hs.437922	6448	-0.213616667	0.1240691	0.28753449							-0.2283125	0.49676492	0.397067773									
MYCL1	NM_005376_bp1436_R	AGCTAAAAGCCCCTACTTTGTGGCAATCTTCTCTTGAAAGATTGCCACAAAGTAGGGGCGG	Hs.437922	11824	-0.2105375	0.11688949	0.184765917							-0.2373875	0.49171133	0.377540244									
MYCL1	NM_005376_bp671_R	AGCTAAAAGGTCAGGCATTGGCTCTTCTCTCTCTTGAAGGAGAGAGCCAATGCCTGACCGG	Hs.437922	2046	-1.3875875	0.50796859	0.001968377							0.0643875	0.29745161	0.767457164									
MYCL1	NM_005376_bp671_R	AGCTAAAAGGTCAGGCATTGGCTCTTCTCTCTCTTGAAGGAGAGAGCCAATGCCTGACCGG	Hs.437922	7422	-1.3284875	0.6186631	0.004494197							0.2453875	0.62675575	0.42078107									
MYCL1	NM_005376_bp671_R	AGCTAAAAGGTCAGGCATTGGCTCTTCTCTCTCTTGAAGGAGAGAGCCAATGCCTGACCGG	Hs.437922	12798	-1.2409625	0.40332352	0.001664157							0.1895125	0.27459587	0.388931851									
MYCN	NM_005378_bp1021_R	AGCTAAAAGTCACCACATTCACCATCACTCTCTTGAAAGTGATGGTGAATGTGGTGACGG	Hs.25960	2014	1.3602875	0.42551659	0.001271456							0.0409875	0.43125586	0.867358495									
MYCN	NM_005378_bp1021_R	AGCTAAAAGTCACCACATTCACCATCACTCTCTTGAAAGTGATGGTGAATGTGGTGACGG	Hs.25960	7390	1.3686375	0.52563803	0.002329762							-0.0612625	0.5305701	0.82083478									
MYCN	NM_005378_bp1021_R	AGCTAAAAGTCACCACATTCACCATCACTCTCTTGAAAGTGATGGTGAATGTGGTGACGG	Hs.25960	12766	1.3355625	0.55828747	0.003143396							-0.0629375	0.49083566	0.808962061									
MYCN	NM_005378_bp373_R	AGCTAAAAGTCACGGAGATGCTGCTTGAGTCTCTTGAACTCAAGCAGCATCTCCGTGACGG	Hs.25960	2042	1.6297875	1.26392968	0.023262891							-0.0310625	0.26719869	0.883390417									
MYCN	NM_005378_bp373_R	AGCTAAAAGTCACGGAGATGCTGCTTGAGTCTCTTGAACTCAAGCAGCATCTCCGTGACGG	Hs.25960	7418	1.6261625	1.33713472	0.028272057							-0.0676875	0.29207386	0.754941686									
MYCN	NM_005378_bp373_R	AGCTAAAAGTCACGGAGATGCTGCTTGAGTCTCTTGAACTCAAGCAGCATCTCCGTGACGG	Hs.25960	12794	1.6276125	1.30103374	0.025747525							-0.0689875	0.21571373	0.735976935									
MYCN	NM_005378_bp910_R	AGCTAAAAGAGGACACCCTGAGCGATTCATCTCTTGAATGAATCGCTCAGGGTGTCCTCGG	Hs.25960	2016	-0.1596375	0.56853637	0.558768858							0.1106875	0.37981556	0.638687317									
MYCN	NM_005378_bp910_R	AGCTAAAAGAGGACACCCTGAGCGATTCATCTCTTGAATGAATCGCTCAGGGTGTCCTCGG	Hs.25960	7392	-0.1825375	0.48863387	0.461377943							0.1897375	0.34901204	0.416798131									
MYCN	NM_005378_bp910_R	AGCTAAAAGAGGACACCCTGAGCGATTCATCTCTTGAATGAATCGCTCAGGGTGTCCTCGG	Hs.25960	12768	-0.1305875	0.38200059	0.535312896							0.1694375	0.31944512	0.454587519									
MYD88	NM_002468_bp201_R	AGCTAAAAGGACTTTGAGTACTTGGACGATTTCTCTTGAAATCTCCAAGTACTCAAAGTCCGGG	Hs.82116	2581	-0.5984	0.303618	0.030177464							0.5161125	0.81521444	0.146410129									
MYD88	NM_002468_bp201_R	AGCTAAAAGGACTTTGAGTACTTGGACGATTTCTCTTGAAATCTCCAAGTACTCAAAGTCCGGG	Hs.82116	7957	-0.87005	0.25384018	0.004772055							0.3320875	0.57371274	0.21153554									
MYD88	NM_002468_bp201_R	AGCTAAAAGGACTTTGAGTACTTGGACGATTTCTCTTGAAATCTCCAAGTACTCAAAGTCCGGG	Hs.82116	13333	-0.835025	0.27016123	0.006403951							0.3169125	0.57089176	0.2271851									
MYD88	NM_002468_bp699_R	AGCTAAAAGGTGGTTGTCTCTGATGATTATTCTCTTGAATATCATCAGAGACAACCACCGG	Hs.82116	2577	1.04405	0.1966745	0.000628619							0.0384125	1.22908765	0.867287617									
MYD88	NM_002468_bp699_R	AGCTAAAAGGTGGTTGTCTCTGATGATTATTCTCTTGAATATCATCAGAGACAACCACCGG	Hs.82116	7953	1.0355	0.19889304	0.000660459							-0.0722125	1.08685904	0.946523023									
MYD88	NM_002468_bp699_R	AGCTAAAAGGTGGTTGTCTCTGATGATTATTCTCTTGAATATCATCAGAGACAACCACCGG	Hs.82116	13329	1.17395	0.27941386	0.000633689							-0.0929625	0.97375355	0.900611721									
MYD88	NM_002468_bp726_R	AGCTAAAAGACAAGGAATGTGACTTCCATCTCTTGAATGGAAGTCACATTCCTTGCTCGG	Hs.82116	2579	2.527975	0.9121628	0.000861118							0.4307625	0.80371703	0.206045707									
MYD88	NM_002468_bp726_R	AGCTAAAAGACAAGGAATGTGACTTCCATCTCTTGAATGGAAGTCACATTCCTTGCTCGG	Hs.82116	13331	2.436475	0.96222551	0.001262896							0.6125875	1.2272695	0.208473701									
MYD88	NM_002468_bp726_R	AGCTAAAAGACAAGGAATGTGACTTCCATCTCTTGAATGGAAGTCACATTCCTTGCTCGG	Hs.82116	7955	2.551125	0.89692836	0.000771138							0.4039125	0.75697488	0.212626399									
MYLK	NM_053025_bp4793_R	AGCTAAAAGGAGCGTGAGTGCATCAAGTATCTCTTGAATACTTGATGCACTCACGCTCCGG	Hs.477375	7457	1.2183	1.00140462	0.08089435	0.541075	1.58171509	0.452676705															
MYLK	NM_053025_bp4793_R	AGCTAAAAGGAGCGTGAGTGCATCAAGTATCTCTTGAATACTTGATGCACTCACGCTCCGG	Hs.477375	12833	0.687333333	1.7674615	0.404906248	-0.08985	1.11172641	0.857297328															
MYLK	NM_053025_bp4793_R	AGCTAAAAGGAGCGTGAGTGCATCAAGTATCTCTTGAATACTTGATGCACTCACGCTCCGG	Hs.477375	2081																					
MYLK	NM_053025_bp5702_R	AGCTAAAAGGACGGGAACTGCTCTTTAATTCTCTTGAAATAAAGAGCAGTTCCCGTCCGG	Hs.477375	616	-0.039975	0.1706884	0.794053923	-0.370725	0.27652234	0.088090069															
MYLK	NM_053025_bp5702_R	AGCTAAAAGGACGGGAACTGCTCTTTAATTCTCTTGAAATAAAGAGCAGTTCCCGTCCGG	Hs.477375	5992	0.056	0.24326562	0.740431124	-0.265275	0.40940977	0.270369301															
MYLK	NM_053025_bp5702_R	AGCTAAAAGGACGGGAACTGCTCTTTAATTCTCTTGAAATAAAGAGCAGTTCCCGTCCGG	Hs.477375	11368	0.056125	0.46018773	0.808747578	-0.289575	0.29347502	0.1675198															
MYLK	NM_053025_bp650_R	AGCTAAAAGGCAGATTCTCCTGCAAGGATTCTCTTGAATCTTGCAGGAGAATGCGTTCCGG	Hs.477375	617	1.8253	0.88769284	0.00415394	0.423	0.63689418	0.211175982															
MYLK	NM_053025_bp650_R	AGCTAAAAGGCAGATTCTCCTGCAAGGATTCTCTTGAATCTTGCAGGAGAATGCGTTCCGG	Hs.477375	5993	2.02965	0.98928005	0.003978083	0.7113	0.60435671	0.056322888															
MYLK	NM_053025_bp650_R	AGCTAAAAGGCAGATTCTCCTGCAAGGATTCTCTTGAATCTTGCAGGAGAATGCGTTCCGG	Hs.477375	11369	2.107475	0.92982955	0.002655151	0.7609	0.56862474	0.039831029															
MYLK2	NM_033118_bp1062_R	AGCTAAAAGATGCTGCTTGTCATGGAGTATCTCTTGAATCTCCATGAACAGGACGATCGG	Hs.86092	596	-0.360975	0.47545005	0.169163135	0.06135	0.53229176	0.816674253															
MYLK2	NM_033118_bp1062_R	AGCTAAAAGATGCTGCTTGTCATGGAGTATCTCTTGAATCTCCATGAACAGGACGATCGG	Hs.86092	5972	-0.097125	0.5353308	0.707060608	0.2749	0.46976244	0.293370496															
MYLK2	NM_033118_bp1062_R	AGCTAAAAGATGCTGCTTGTCATGGAGTATCTCTTGAATCTCCATGAACAGGACGATCGG	Hs.86092	11348	-0.200225	0.628582	0.499597665	0.630275	0.52339124	0.058263567															
MYLK2	NM_033118_bp1356_R	AGCTAAAAGTGGTGAATTATGCAAATCTCTTGAAATTGGTCATAATTCACGACCGG	Hs.86092	12783																					
MYLK2	NM_033118_bp693_R	AGCTAAAAGGCTGTTCCCTCAGAGAAATCTCTCTTGAAGATTTCTCTGAGGGAACAGCCGG	Hs.86092	597	-0.079375	0.56694359	0.767702583	-0.206325	0.45126206	0.405552564															
MYLK2	NM_033118_bp693_R	AGCTAAAAGGCTGTTCCCTCAGAGAAATCTCTCTTGAAGATTTCTCTGAGGGAACAGCCGG	Hs.86092	5973	0.0712	0.25075304	0.677920013	-0.07335	0.37030025	0.728862295															
MYLK2	NM_033118_bp693_R	AGCTAAAAGGCTGTTCCCTCAGAGAAATCTCTCTTGAAGATTTCTCTGAGGGAACAGCCGG	Hs.86092	11349	-0.05375	0.41696688	0.805164347	-0.026	0.38892383	0.89982843															
MYO3A	NM_017433_bp1673_R	AGCTAAAAGGAGACACAGATTTCTGAATATTCTCTTGAAATATCAGAAATCTGTGCTCCGG	Hs.113367	574	0.579525	1.40180456	0.34587583	0.8755	0.54744207	0.102429047															
MYO3A	NM_017433_bp1673_R	AGCTAAAAGGAGACACAGATTTCTGAATATTCTCTTGAAATATCAGAAATCTGTGCTCCGG	Hs.113367	5950	0.646075	0.68835442	0.080613449	0.38755	0.38233264	0.301324554															
MYO3A	NM_017433_bp1673_R	AGCTAAAAGGAGACACAGATTTCTGAATATTCTCTTGAAATATCAGAAATCTGTGCTCCGG	Hs.113367	11326	0.726675	0.83920397	0.091859421	0.5097	0.63541985	0.201680961															
MYO3A	NM_017433_bp2663_R	AGCTAAAAGGAGGAAAGGGTCCTATAAATTCTCTTGAAATTATAGAGGACCTTTCCTGCGG	Hs.113367	1760	-1.98635	1.48475285	0.019680611	1.273333333	3.76202892	0.489319996															
MYO3A	NM_017433_bp2663_R	AGCTAAAAGGAGGAAAGGGTCCTATAAATTCTCTTGAAATTATAGAGGACCTTTCCTGCGG	Hs.113367	7136	-2.5432	2.58154979	0.052598523	1.6274	5.66868188	0.548218528															
MYO3A	NM_017433_bp2663_R	AGCTAAAAGGAGGAAAGGGTCCTATAAATTCTCTTGAAATTATAGAGGACCTTTCCTGCGG	Hs.113367	12512	-2.5372	2.74151732	0.063336784	4.359	4.88465222	0.158895157															
MYO3A	NM_017433_bp400_R	AGCTAAAAGGTCAGATTCTATGGGATATATCTCTTGAATATATCCCATAGAAATCTGACCGG	Hs.113367	575	-1.539925	2.52214382	0.239576775																		
MYO3A	NM_017433_bp400_R	AGCTAAAAGGTCAGATTCTATGGGATATATCTCTTGAATATATCCCATAGAAATCTGACCGG	Hs.113367	5951	-0.88445	1.99370119	0.309045018	-0.6174	8.46603251	0.87665831															
MYO3A	NM_017433_bp400_R	AGCTAAAAGGTCAGATTCTATGGGATATATCTCTTGAATATATCCCATAGAAATCTGACCGG	Hs.113367	11327	-1.245275	1.93959693	0.162539261	-1.582566667	7.74331186	0.667700317															
MYO3B

NAPSB	BC040958_bp1007_R	AGCTAAAAGGCCCAGGATTACGTCATCCATCTCTTGAATGGATGACGTAATCCTGGGCCGG	Hs.322854	4292	-0.609325	0.15466073	0.007834648	-0.33965	0.2260902	0.09140273	0.303866667	0.48173138	0.336830457
NAPSB	BC040958_bp1007_R	AGCTAAAAGGCCCAGGATTACGTCATCCATCTCTTGAATGGATGACGTAATCCTGGGCCGG	Hs.322854	9668	-0.88505	0.17450871	0.001736745	-0.3129	0.28388156	0.137612547	0.100533333	0.48876031	0.741200347
NAPSB	BC040958_bp1007_R	AGCTAAAAGGCCCAGGATTACGTCATCCATCTCTTGAATGGATGACGTAATCCTGGGCCGG	Hs.322854	15044	-0.658475	0.25092358	0.009544694	-0.64905	0.55880186	0.061610616	0.306133333	0.53332412	0.351176863
NAPSB	BC040958_bp1290_R	AGCTAAAAGAGCTAGCGCTACTCAGTAAATCTCTTGAATTTACTGAGTAGCGCTAGCTCGG	Hs.322854	4290	1.441075	0.49094398	0.001493446	-0.773725	0.12305994	0.003529942	0.1096	0.52390544	0.726262623
NAPSB	BC040958_bp1290_R	AGCTAAAAGAGCTAGCGCTACTCAGTAAATCTCTTGAATTTACTGAGTAGCGCTAGCTCGG	Hs.322854	9666	1.594375	0.49528935	0.000967482	-0.965975	0.42800492	0.008616292	0.313366667	0.71304055	0.403468318
NAPSB	BC040958_bp1290_R	AGCTAAAAGAGCTAGCGCTACTCAGTAAATCTCTTGAATTTACTGAGTAGCGCTAGCTCGG	Hs.322854	15042	1.620725	0.44409202	0.000641272	-0.7165	0.54510576	0.079162056	-0.04835	0.53577481	0.90033132
NAPSB	BC040958_bp846_R	AGCTAAAAAGGCACACCTGTCATCGTAGGATCTCTTGAATCCTACGATGACAGGTGTGCCGG	Hs.322854	4294	0.8915	0.66565349	0.026896966	0.80395	0.26240733	0.074670709	0.2207	0.37749205	0.442929407
NAPSB	BC040958_bp846_R	AGCTAAAAAGGCACACCTGTCATCGTAGGATCTCTTGAATCCTACGATGACAGGTGTGCCGG	Hs.322854	9670	0.97515	0.75270831	0.02793133	0.8398	0.06010408	0.055479051	0.7139		
NAPSB	BC040958_bp846_R	AGCTAAAAAGGCACACCTGTCATCGTAGGATCTCTTGAATCCTACGATGACAGGTGTGCCGG	Hs.322854	15046	0.889025	0.82335236	0.048862271	0.90095	0.26193793	0.004119827	0.6044	0.76880881	0.152456475
NBEAL2	XM_291064_bp1912_R	AGCTAAAAAGGTGCTGTCATCCGCACATTATCTCTTGAATAATGTGCCGATGACAGCACCGG	Hs.437043	3766	-0.5829	0.51727563	0.095728199				-1.2546625	0.51380296	0.00254176
NBEAL2	XM_291064_bp1912_R	AGCTAAAAAGGTGCTGTCATCCGCACATTATCTCTTGAATAATGTGCCGATGACAGCACCGG	Hs.437043	9142	-0.560433333	0.59258918	0.128550661				-1.3321625	0.53331748	0.002067325
NBEAL2	XM_291064_bp1912_R	AGCTAAAAAGGTGCTGTCATCCGCACATTATCTCTTGAATAATGTGCCGATGACAGCACCGG	Hs.437043	14518	-0.649066667	0.64155613	0.104214368				-1.2554875	0.41442239	0.001552915
NBEAL2	XM_291064_bp7123_R	AGCTAAAAGGCCCTCAATGTCTTCTATTACTCTCTTGAAGTAATAGAAGACATTGAGGGCCGG	Hs.437043	3794	-0.846125	0.42363894	0.00972227				-0.1636625	0.72155025	0.617067128
NBEAL2	XM_291064_bp7123_R	AGCTAAAAGGCCCTCAATGTCTTCTATTACTCTCTTGAAGTAATAGAAGACATTGAGGGCCGG	Hs.437043	9170	-0.8943	0.37229418	0.005683771				0.0351625	0.43296006	0.886217806
NBEAL2	XM_291064_bp7123_R	AGCTAAAAGGCCCTCAATGTCTTCTATTACTCTCTTGAAGTAATAGAAGACATTGAGGGCCGG	Hs.437043	14546	-0.7792	0.36117988	0.009350754				-0.0751625	0.7901602	0.827632043
NBEAL2	XM_291064_bp7733_R	AGCTAAAAAGCGCCATCTGATGTAGTAATCTCTTGAATTACTACATCAAGGTGGCAGCCGG	Hs.437043	3768	0.2227	0.28546235	0.247050801				0.39395	0.54917294	0.248119039
NBEAL2	XM_291064_bp7733_R	AGCTAAAAAGCGCCATCTGATGTAGTAATCTCTTGAATTACTACATCAAGGTGGCAGCCGG	Hs.437043	9144	0.662125	0.87728513	0.127597735				0.5562625	0.62542606	0.097123938
NBEAL2	XM_291064_bp7733_R	AGCTAAAAAGCGCCATCTGATGTAGTAATCTCTTGAATTACTACATCAAGGTGGCAGCCGG	Hs.437043	14520	-0.1533	0.37444065	0.465408652				0.2420625	0.30319929	0.290682452
NBN	BX640816_bp1676_R	AGCTAAAAAGCAGCATCTATCTGAGAATGATCTCTTGAATCATTCTCAGATAGATGTGCGG	Hs.492208	4350	1.12305	1.18235325	0.126705201				-1.1033		
NBN	BX640816_bp1676_R	AGCTAAAAAGCAGCATCTATCTGAGAATGATCTCTTGAATCATTCTCAGATAGATGTGCGG	Hs.492208	15102	0.7878	1.07225672	0.210109621	0.7084	0.57855477	0.159103996	-1.0191		
NBN	BX640816_bp1676_R	AGCTAAAAAGCAGCATCTATCTGAGAATGATCTCTTGAATCATTCTCAGATAGATGTGCGG	Hs.492208	9726	0.5362	1.00974848	0.33981875						
NBN	BX640816_bp1703_R	AGCTAAAAAGACACAAACTCAGACAATAATATCTCTTGAATTATTGTCTGAGTTTTGTTCCGG	Hs.492208	4348	1.790875	1.45466549	0.026653172	1.979625	0.63728666	0.001565048	0.913933333	1.02540445	0.088825104
NBN	BX640816_bp1703_R	AGCTAAAAAGACACAAACTCAGACAATAATATCTCTTGAATTATTGTCTGAGTTTTGTTCCGG	Hs.492208	9724	2.1106	1.55191959	0.018379117	2.023125	0.59612075	0.001145493	0.8995	0.82552546	0.061099477
NBN	BX640816_bp1703_R	AGCTAAAAAGACACAAACTCAGACAATAATATCTCTTGAATTATTGTCTGAGTTTTGTTCCGG	Hs.492208	15100	1.9853	1.85109598	0.041127749	1.978475	0.83406575	0.002394815	0.7204	0.9663131	0.143781902
NBN	BX640816_bp4629_R	AGCTAAAAAGCTCCTTAAGTTGGGATTACATCTCTTGAATGTAATCCCAAGTTATGGAGCCGG	Hs.492208	4346	-0.342875	0.4300426	0.164349709	-0.71385	0.38120244	0.019946045	0.0905	0.81848389	0.818020769
NBN	BX640816_bp4629_R	AGCTAAAAAGCTCCTTAAGTTGGGATTACATCTCTTGAATGTAATCCCAAGTTATGGAGCCGG	Hs.492208	9722	-0.332375	0.40403941	0.161997541	-1.014575	0.20768931	0.00182202	0.3378	1.51483089	0.593484552
NBN	BX640816_bp4629_R	AGCTAAAAAGCTCCTTAAGTTGGGATTACATCTCTTGAATGTAATCCCAAGTTATGGAGCCGG	Hs.492208	15098	-0.38195	0.48235682	0.153045786	-0.8991	0.39740377	0.009468907	-0.13203333	0.70480667	0.714924059
NCOA1	NM_147223_bp1175_R	AGCTAAAAAGCCCCTCCTATAGATTCATATTCTCTTGAAATATGAATCTATAGGAGGGGCGG	Hs.412293	4797	-0.5377125	0.13335789	0.011782993	-0.4675875	0.93275738	0.30288606			
NCOA1	NM_147223_bp1175_R	AGCTAAAAAGCCCCTCCTATAGATTCATATTCTCTTGAAATATGAATCTATAGGAGGGGCGG	Hs.412293	10173	-0.6401125	0.11613805	0.00541093	-0.6300625	0.70797628	0.109582365			
NCOA1	NM_147223_bp1175_R	AGCTAAAAAGCCCCTCCTATAGATTCATATTCTCTTGAAATATGAATCTATAGGAGGGGCGG	Hs.412293	15549	-0.4916375	0.14380019	0.01733585	-0.4557875	0.75743104	0.237999763			
NCOA1	NM_147223_bp1484_R	AGCTAAAAAGCAGCAGTCATAGTAATTCTATCTCTTGAATAGAATTACTATGACTGCTGCGG	Hs.412293	4799	0.0844375	0.43736591	0.707973467	-0.2599375	0.58678328	0.387970911			
NCOA1	NM_147223_bp1484_R	AGCTAAAAAGCAGCAGTCATAGTAATTCTATCTCTTGAATAGAATTACTATGACTGCTGCGG	Hs.412293	10175	0.0918125	0.33276622	0.63609841	-0.2355625	0.61788355	0.447702778			
NCOA1	NM_147223_bp1484_R	AGCTAAAAAGCAGCAGTCATAGTAATTCTATCTCTTGAATAGAATTACTATGACTGCTGCGG	Hs.412293	15551	0.4085375	0.25853617	0.054384605	-0.0071125	1.05481493	0.988056445			
NCOA1	NM_147223_bp3088_R	AGCTAAAAAGGGGGTGGATTAGATGTATTATCTCTTGAATAATACATCTAATCCACCCCCGG	Hs.412293	4795	1.1667625	0.41047525	0.002297931	-0.5295375	0.58992675	0.116801147			
NCOA1	NM_147223_bp3088_R	AGCTAAAAAGGGGGTGGATTAGATGTATTATCTCTTGAATAATACATCTAATCCACCCCCGG	Hs.412293	10171	1.0265625	0.52535426	0.007937074	-0.7409125	0.53876248	0.038110195			
NCOA1	NM_147223_bp3088_R	AGCTAAAAAGGGGGTGGATTAGATGTATTATCTCTTGAATAATACATCTAATCCACCCCCGG	Hs.412293	15547	1.1605875	0.42719859	0.002620341	-0.8758875	0.69693587	0.042603142			
NCOA2	NM_006540_bp1193_R	AGCTAAAAAGCACTCTTGTTGCTGCACAAATCTCTTGAATTTGTGCAGCAACAAGAGTGCGGG	Hs.446678	4835	-0.9166375	0.22622956	0.002012862	0.0915125	0.41540736	0.687436449			
NCOA2	NM_006540_bp1193_R	AGCTAAAAAGCACTCTTGTTGCTGCACAAATCTCTTGAATTTGTGCAGCAACAAGAGTGCGGG	Hs.446678	10211	-1.1522125	0.10775875	0.00003689	-0.1175125	0.3469742	0.569396407			
NCOA2	NM_006540_bp1193_R	AGCTAAAAAGCACTCTTGTTGCTGCACAAATCTCTTGAATTTGTGCAGCAACAAGAGTGCGGG	Hs.446678	15587	-1.6184375	1.92180191	0.08453802	-0.1437875	0.65434654	0.650635317			
NCOA2	NM_006540_bp2335_R	AGCTAAAAAGGATCAGAAGTGACTATTAAATCTCTTGAATTTAATAGTCACTTCTGATCCGG	Hs.446678	4833	3.8994375	0.58999013	2.43E-05	1.3124375	0.47526126	0.003419136			
NCOA2	NM_006540_bp2335_R	AGCTAAAAAGGATCAGAAGTGACTATTAAATCTCTTGAATTTAATAGTCACTTCTGATCCGG	Hs.446678	10209	3.7698125	0.57956992	2.69E-05	1.2915875	0.42071367	0.002625066			
NCOA2	NM_006540_bp2335_R	AGCTAAAAAGGATCAGAAGTGACTATTAAATCTCTTGAATTTAATAGTCACTTCTGATCCGG	Hs.446678	15585	3.9920125	0.4995255	1.19E-05	1.1922625	0.42956878	0.003828169			
NCOA2	NM_006540_bp687_R	AGCTAAAAAGCTGCCAAAGTCTATAGTAAATCTCTTGAATTTACTATAGACTTTGGCAGCGG	Hs.446678	4831	-0.2500875	0.49368793	0.327460846	0.1542375	0.90258937	0.710884324			
NCOA2	NM_006540_bp687_R	AGCTAAAAAGCTGCCAAAGTCTATAGTAAATCTCTTGAATTTACTATAGACTTTGGCAGCGG	Hs.446678	10207	0.0087625	0.41161841	0.967568293	0.2962625	0.87907918	0.476181156			
NCOA2	NM_006540_bp687_R	AGCTAAAAAGCTGCCAAAGTCTATAGTAAATCTCTTGAATTTACTATAGACTTTGGCAGCGG	Hs.446678	15583	-0.0834875	0.7362379	0.800100011	0.1208125	0.96988543	0.784670209			
NCOR1	AF087856_bp1834_R	AGCTAAAAAGAGCGAGATGTGTCTCAATGTTCTCTTGAAACATTGAGACACATCTCGCTCGG	Hs.462323	4691	1.6308625	1.00652783	0.010500872	0.1309875	0.69969513	0.695263884			
NCOR1	AF087856_bp1834_R	AGCTAAAAAGAGCGAGATGTGTCTCAATGTTCTCTTGAAACATTGAGACACATCTCGCTCGG	Hs.462323	10067	1.6176375	1.02908795	0.011735156	0.0728125	0.77307221	0.840265847			
NCOR1	AF087856_bp1834_R	AGCTAAAAAGAGCGAGATGTGTCTCAATGTTCTCTTGAAACATTGAGACACATCTCGCTCGG	Hs.462323	15443	1.7472375	1.03202554	0.008721095	0.1452875	0.85916134	0.715226735			
NCOR1	AF087856_bp3929_R	AGCTAAAAAGCCGATAATTGAGGGTTCCATCTCTTGAATGGAACCCTCAATTATCGGCCGG	Hs.462323	4689	0.2035125	0.5262518	0.437029194	0.2104625	0.6909795	0.53442166			
NCOR1	AF087856_bp3929_R	AGCTAAAAAGCCGATAATTGAGGGTTCCATCTCTTGAATGGAACCCTCAATTATCGGCCGG	Hs.462323	4687	-0.392825	0.27573629	0.229214087	0.1984625	0.73371147	0.572326249			
NCOR1	AF087856_bp3929_R	AGCTAAAAAGCCGATAATTGAGGGTTCCATCTCTTGAATGGAACCCTCAATTATCGGCCGG	Hs.462323	10063				-0.3875					
NCOR1	AF087856_bp888_R	AGCTAAAAAGCATGAGATTCTGAAATTATTCTCTTGAAATAATTCCAGAAATCTCATGCGG	Hs.462323	4689	-0.9713625	0.10008832	0.00079661	-0.4528375	0.06966916	0.022111264			
NCOR1	AF087856_bp888_R	AGCTAAAAAGCATGAGATTCTGAAATTATTCTCTTGAAATAATTCAGAAATCTCATGCGG	Hs.462323	10065	-1.0772375	0.24950532	0.00112488	-0.5573875	0.23983485	0.021806096			
NCOR1	AF087856_bp888_R	AGCTAAAAAGCATGAGATTCTGAAATTATTCTCTTGAAATAATTCAGAAATCTCATGCGG	Hs.462323	15445	-0.8953875	0.18375589	0.001735916	-0.5551375	0.21025614	0.018971907			
NCOR2	AF125672_bp694_R	AGCTAAAAAGACCGAGAGATCACCATGGTATCTCTTGAATACCATGGTGATCTCTCGGTCGG	Hs.137510	4693	0.6537375	0.34870677	0.017212637	0.2305625	1.32851661	0.698219185			
NCOR2	AF125672_bp694_R	AGCTAAAAAGACCGAGAGATCACCATGGTATCTCTTGAATACCATGGTGATCTCTCGGTCGG	Hs.137510	10069	0.7151875	0.57259585	0.038348741	0.1847875	1.33577135	0.756428838			
NCOR2	AF125672_bp694_R	AGCTAAAAAGACCGAGAGATCACCATGGTATCTCTTGAATACCATGGTGATCTCTCGGTCGG	Hs.137510	15445	0.7946125	0.32037089	0.006733041	0.2157875	1.1841879	0.686214402			
NCOR2	AF125672_bp990_R	AGCTAAAAAGAAGCTAATCTTGTACTTCAATCTCTTGAATTGAAGTACAAGATTAGCTTCGG	Hs.137510	4695	0.4919625	0.13576293	0.016746272	0.3005375	0.70202523	0.38757884			
NCOR2	AF125672_bp990_R	AGCTAAAAAGAAGCTAATCTTGTACTTCAATCTCTTGAATTGAAGTACAAGATTAGCTTCGG	Hs.137510	10071	0.4649125	0.065507	0.01669035	0.1836375	0.85346312	0.644372251			
NCOR2	AF125672_bp990_R	AGCTAAAAAGAAGCTAATCTTGTACTTCAATCTCTTGAATTGAAGTACAAGATTAGCTTCGG	Hs.137510	15447	0.5648875	0.13200488	0.00963785	0.3430125	0.5840202	0.267436088			
NDFIP1	NM_030571_bp424_R	AGCTAAAAAGCTACAACACTGCCCAGTTATTCTCTTGAAATAACTGGGCAGTGTTTGTAGCCGG	Hs.9788	2906	0.05875	0.20561703	0.714638934				0.004666667	1.83737287	0.994954471
NDFIP1	NM_030571_bp424_R	AGCTAAAAAGCTACAACACTGCCCAGTTATTCTCTTGAATAACTGGGCAGTGTTTGTAGCCGG	Hs.9788	8282	0.346525	0.22686721	0.077207273				-0.1977	1.39914471	0.736030745
NDFIP1	NM_030571_bp424_R	AGCTAAAAAGCTACAACACTGCCCAGTTATTCTCTTGAATAACTGGGCAGTGTTTGTAGCCGG	Hs.9788	13658	-0.1447	0.52729775	0.075019666				-0.2467	1.62326494	0.711219594
NDFIP1	NM_030571_bp458_R	AGCTAAAAAGGACCAAGGCTGAAGCTACTATCTCTTGAATAGTAGCTTCAGCCTTGGTCCGG	Hs.9788	2880	0.58295	0.94646252	0.193266184				-0.166925	1.14869085	0.718218442
NDFIP1	NM_030571_bp458_R	AGCTAAAAAGGACCAAGGCTGAAGCTACTATCTCTTGAATAGTAGCTTCAGCCTTGGTCCGG	Hs.9788	8256	0.619075	0.90855615	0.158921524				-0.097025	1.12404895	0.830279568
NDFIP1	NM_030571_bp458_R	AGCTAAAAAGGACCAAGGCTGAAGCTACTATCTCTTGAATAGTAGCTTCAGCCTTGGTCCGG	Hs.9788	13632	0.584	0.89652014	0.175132094				-0.062675	1.04276988	0.882846446
NDFIP1	NM_030571_bp820_R	AGCTAAAAGTTCGGAAGATGCCAGAAACTTCTCTTGAAAGTTTCTGGCATCTTCCGAACGG	Hs.9788	2908	2.6997	0.32919606	2.42E-05				-0.013775	0.87673586	0.970416804
NDFIP1	NM_030571_bp820_R	AGCTAAAAGTTCGGAAGATGCCAGAAACTTCTCTTGAAAGTTTCTGGCATCTTCCGAACGG	Hs.9788	8284	2.528025	0.15769353	1.03E-05				-0.071225	0.616409	0.808590082
NDFIP1	NM_030571_bp820_R	AGCTAAAAGTTCGGAAGATGCCAGAAACTTCTCTTGAAAGTTTCTGGCATCTTCCGAACGG	Hs.9788	13660	2.867175	0.43248652	3.82E-05				-0.064225	0.83868528	0.858400548
NDFIP2	XM_041162_bp1038_R	AGCTAAAAAGAACAAGGTATTTCTCTTATATCTCTTGAAATAAGAAGAAAATACCTTGTTCGG	Hs.437385	2914	-1.24075	0.29150009	0.000777981				-0.4291	0.52061158	0.14475953
NDFIP2	XM_041162_bp1038_R	AGCTAAAAAGAACAAGGTATTTCTCTTATATCTCTTGAAATAAGAAGAAAATACCTTGTTCGG	Hs.437385	8290	-1.1782	0.32585257	0.001248988				-0.3921	0.4942913	0.167250332
NDFIP2	XM_041162_bp1038_R	AGCTAAAAAGAACAAGGTATTTCTCTTATATCTCTTGAAATAAGAAGAAAATACCTTGTTCGG	Hs.437385	13666	-1.135575	0.28658877	0.001131702				-0.363575	0.55698572	0.219726597
NDFIP2	XM_041162_bp857_R	AGCTAAAAAGGCCTTTCCTTGATCAAATGGTCTCTTGAACCATTTGATCAAGGAAAGGCCGG	Hs.437385	2910	-0.3494	0.16429317	0.059597136				-0.411525	0.80811657	0.26588933
NDFIP2	XM_041162_bp857_R	AGCTAAAAAGGCCTTTCCTTGATCAAATGGTCTCTTGAACCATTTGATCAAGGAAAGGCCGG	Hs.437385	8286	-0.33705	0.338294	0.126288856				-0.15065	0.8534425	0.681286622
NDFIP2	XM_041162_bp857_R	AGCTAAAAAGGCCTTTCCTTGATCAAATGGTCTCTTGAACCATTTGATCAAGGAAAGGCCGG	Hs.437385	13662	-0.360575	0.28555469	0.087288731				-0.15715	1.13097761	0.730617437
NDFIP2	XM_041162_bp939_R	AGCTAAAAGGTGGATATTTCTTGTACTTGTCTCTTGAACAAGTACAAGAAATATCCACCGG	Hs.437385	2912	-0.771625	0.51748366	0.022879523				-0.165575	0.73859046	0.618442815
NDFIP2	XM_041162_bp939_R	AGCTAAAAGGTGGATATTTCTTGTACTTGTCTCTTGAACAAGTACAAGAAATATCCACCGG	Hs.437385	8288	-0.77205	0.07097298	0.00206117				-0.406825	1.06468404	0.364043946
NDFIP2	XM_041162_bp939_R	AGCTAAAAAGGTGGATATTTCTTGTACTTGTCTCTTGAACAAGTACAAGAAATATCCACCGG	Hs.437385	13664	-0.70525	0.29984768	0.009662014				0.327975	0.51011474	0.243431832
NECAP2	AK024468_bp306_R	AGCTAAAAGACGGGCGTTTATTGGAATTGTCTCTTGAACAATTCCAATAAACGCCCGTCGG	Hs.437385	3895	0.4539375	0.4323742	0.084330453				-0.358575	0.24878535	0.122747687
NECAP2	AK024468_bp306_R	AGCTAAAAGACGGGCGTTTATTGGAATTGTCTCTTGAACAATTCCAATAAACGCCCGTCGG	Hs.437385	9271	0.4750875	0.42173803	0.071139572				-0.330425	0.25542319	0.150968409
NECAP2	AK024468_bp306_R	AGCTAAAAGACGGGCGTTTATTGGAATTGTCTCTTGAACAATTCCAATAAACGCCCGTCGG	Hs.437385	14647	0.4958625	0.42178053	0.062827415				-0.27345	0.27594568	0.229032902
NECAP2	AK024468_bp467_R	AGCTAAAAGGCCAGACCATCAAGCTCAACTCTCTTGAAGTTGAGCTTGATGGTCTGGCCGG	Hs.437385	3897	0.081333333	0.78592415	0.832791102				-0.7092	0.48535834	0.028312523
NECAP2	AK024468_bp467_R	AGCTAAAAGGCCAGACCATCAAGCTCAACTCTCTTGAAGTTGAGCTTGATGGTCTGGCCGG	Hs.437385	9273	1.1747						-0.7791	0.37561646	0.012673728
NECAP2	AK024468_bp467_R	AGCTAAAAGGCCAGACCATCAAGCTCAACTCTCTTGAAGTTGAGCTTGATGGTCTGGCCGG	Hs.437385	14649	0.023666667	0.52168234	0.934407871				-0.701175	0.41323175	0.022622393
NEDD4L	AB007899_bp1256_R	AGCTAAAAAGGGCGCACATACTATGTCAATCTCTTGAATTGACATAGTATGTGCGCCCCGG	Hs.185677	3543	0.089625	0.3015572	0.628639441				0.1639625	0.30629481	0.463377845
NEDD4L	AB007899_bp1256_R	AGCTAAAAAGGGCGCACATACTATGTCAATCTCTTGAATTGACATAGTATGTGCGCCCCGG	Hs.185677	8919	0.2708	0.34434046	0.204224656				0.1265875	0.20456125	0.537790162
NEDD4L	AB007899_bp1256_R	AGCTAAAAAGGGCGCACATACTATGTCAATCTCTTGAATTGACATAGTATGTGCGCCCCGG	Hs.185677	14295	0.354025	0.52961742	0.203507355				0.0513625	0.55632049	0.852979975
NEDD4L	AB007899_bp2435_R	AGCTAAAAAGCCCAATGGGTCAGAAATAATTCTCTTGAAATTATTTCTGACCCATTGGGCCGG	Hs.185677	3541	-0.44975	0.02367696	0.017778438				-0.4090125	0.27891477	0.092387996
NEDD4L	AB007899_bp2435_R	AGCTAAAAAGCCCAATGGGTCAGAAATAATTCTCTTGAAATTATTTCTGACCCATTGGGCCGG	Hs.185677	8917	-0.429075	0.04345086	0.02160958				-0.2441375	0.16324359	0.243427873
NEDD4L	AB007899_bp2435_R	AGCTAAAAAGCCCAATGGGTCAGAAATAATTCTCTTGAAATTATTTCTGACCCATTGGGCCGG	Hs.185677	14293	-0.283225	0.20214749	0.11957528				-0.2984875	0.09216464	0.153353736
NEDD4L	AB007899_bp488_R	AGCTAAAAGGAGCGACCCTATACATTTAATCTCTTGAATTAAATGTATAGGGTCGCTCCGG	Hs.185677	3539	-0.583725	0.27894394	0.017830429				-0.5941125	0.40695637	0.04098087
NEDD4L	AB007899_bp488_R	AGCTAAAAGGAGCGACCCTATACATTTAATCTCTTGAATTAAATGTATAGGGTCGCTCCGG	Hs.185677	8915	0.041275	1.52760231	0.948217619				-0.5504625	0.36480218	0.046543589
NEDD4L	AB007899_bp488_R	AGCTAAAAGGAGCGACCCTATACATTTAATCTCTTGAATTAAATGTATAGGGTCGCTCCGG	Hs.185677	14291	0.091	0.74944521	0.785768709				-0.6240875	0.24214439	0.019852029
NEIL1	AK128372_bp172_R	AGCTAAAAAGCCAAGCCAGTTTGTGAATGATCTCTTGAATCATTCACAAACTGGCTGGCCGG	Hs.512732	4925	-0.1596875	0.35447608	0.435346016	-0.0019625	0.21955298	0.990569932			
NEIL1	AK128372_bp172_R	AGCTAAAAAGCCAAGCCAGTTTGTGAATGATCTCTTGAATCATTCACAAACTGGCTGGCCGG	Hs.512732	10301	-0.2540625	0.22848715	0.165524244	-0.2198625	0.43467803	0.367206085			
NEIL1	AK128372_bp172_R	AGCTAAAAAGCCAAGCCAGTTTGTGAATGATCTCTTGAATCATTCACAAACTGGCTGGCCGG	Hs.512732	15677	-0.7279125	0.10245202	0.002957676	-0.2395625	0.76148493	0.511893589			
NEIL1	AK128372_bp432_R	AGCTAAAAGCCTATGTTTCGTGGACATCTCTCTTGAAGATGTCCACGAAACATAGGGCCGG	Hs.512732	4927	-0.0894625	0.10826904	0.539488711	-0.7134375	0.53988711	0.043086202			
NEIL1	AK128372_bp432_R	AGCTAAAAGCCTATGTTTCGTGGACATCTCTCTTGAAGATGTCCACGAAACATAGGGCCGG	Hs.512732	10303	-0.1548625	0.13921318	0.319126817	-0.8612375	0.57432721	0.02736217			
NEIL1	AK128372_bp432_R	AGCTAAAAGCCTATGTTTCGTGGACATCTCTCTTGAAGATGTCCACGAAACATAGGGCCGG	Hs.512732	15679	-0.1017125	0.20600685	0.532624759	-1.005375	0.69327278	0.022509462			
NEIL1	AK128372_bp503_R	AGCTAAAAAGCCCTCTGTCTTGCAGGAGTATCTCTTGAATCACTCCTGCAAGACACAGGGCCGG	Hs.512732	4652	-0.2635625	0.26332313	0.170042228	0.2377875	0.24993999	0.214261078			
NEIL1	AK128372_bp503_R	AGCTAAAAAGCCCTCTGTCTTGCAGGAGTATCTCTTGAATCACTCCTGCAAGACACAGGGCCGG	Hs.512732	10028	-0.4214625	0.20866918	0.039469354	0.0416625	0.12675928	0.777799308			
NEIL1	AK128372_bp503_R	AGCTAAAAAGCCCTCTGTCTTGCAGGAGTATCTCTTGAATCACTCCTGCAAGACACAGGGCCGG	Hs.512732	15404	-0.6160875	0.56462734	0.059381255	0.8333					
NEK1	NM_012224_bp2851_R	AGCTAAAAAGTGGGAGAAGTTATTAAATTATCTCTTGAATAATTTAATAAACTTCTCCCACGG	Hs.481181	1915	-0.02745	2.49981004	0.978630687	-0.904333333	2.69605423	0.494930393			
NEK1	NM_012224_bp2851_R	AGCTAAAAAGTGGGAGAAGTTATTAAATTATCTCTTGAATAATTTAATAAACTTCTCCCACGG	Hs.481181	7291	0.052375	2.4873716	0.959044114	-0.9575	3.19006897	0.537387365			
NEK1	NM_012224_bp2851_R	AGCTAAAAAGTGGGAGAAGTTATTAAATTATCTCTTGAATAATTTAATAAACTTCTCCCACGG	Hs.481181	12667	0.0338	2.55961274	0.974293478	-1.050333333	3.4261312	0.528871949			
NEK1	NM_012224_bp2909_R	AGCTAAAAAGTCCGACAGATTCTGTTCTAATCTCTTGAATTAGAACAGAATCTGTCGGACGG	Hs.481181	1917	-0.9336	0.57723583	0.015150811	0.277533333	1.03208035	0.59916006			
NEK1	NM_012224_bp2909_R	AGCTAAAAAGTCCGACAGATTCTGTTCTAATCTCTTGAATTAGAACAGAATCTGTCGGACGG	Hs.481181	7293	-1.19315	0.59134923	0.006110935	0.6767	1.00444888	0.233979105			
NEK1	NM_012224_bp2909_R	AGCTAAAAAGTCCGACAGATTCTGTTCTAATCTCTTGAATTAGAACAGAATCTGTCGGACGG	Hs.481181	12669	-1.202125	0.60278164	0.006293783	0.6657	1.08123461	0.264242252			
NEK11	NM_024800_bp1283_R	AGCTAAAAAGGGCACTGTCAGAAGTACATCTCTTGAATGTACTTCTGACAGTGCCCTCCGG	Hs.200813	1921	1.574425	0.51018605	0.001126463	0.639525	0.35302506	0.024996258			
NEK11	NM_024800_bp1283_R	AGCTAAAAAGGGCACTGTCAGAAGTACATCTCTTGAATGTACTTCTGACAGTGCCCTCCGG	Hs.200813	7297	1.754875	0.56176837	0.000940371	0.787625	0.29152108	0.0083299			
NEK11	NM_024800_bp1283_R	AGCTAAAAAGGGCACTGTCAGAAGTACATCTCTTGAATGTACTTCTGACAGTGCCCTCCGG	Hs.200813	12673	1.898875	0.42034156	0.000258077	1.118125	0.29476346	0.002116079			
NEK11	NM_024800_bp725_R	AGCTAAAAAGGGAGTTGACTACATGCATGATCTCTTGAATCATGCATGTAGTCAACTCCCCGG	Hs.200813	6076									
NEK11	NM_024800_bp725_R	AGCTAAAAAGGGAGTTGACTACATGCATGATCTCTTGAATCATGCATGTAGTCAACTCCCCGG	Hs.200813	11452	0.1151								
NEK11	NM

NEK6	NM_014397_bp370_R	AGCTAAAAAGGTGCAGATCTTTGAGATGATTCTCTTGAAATCATCTCAAAGATCTGCACCGG	Hs.19701	6990	1.501125	3.43869563	0.367635643	-2.4944														
NEK6	NM_014397_bp370_R	AGCTAAAAAGGTGCAGATCTTTGAGATGATTCTCTTGAAATCATCTCAAAGATCTGCACCGG	Hs.19701	12366	-0.466325	3.96202536	0.793381288	-1.47995	1.33621968	0.123462955												
NEK6	NM_014397_bp581_R	AGCTAAAAAGAGAGGACAGTATGGAAGTATCTCTTGAAGTACTTCCATACTGTCCTTCTCGG	Hs.19701	1616	1.767175	2.56643841	0.13750782	0.3004														
NEK6	NM_014397_bp581_R	AGCTAAAAAGAGAGGACAGTATGGAAGTATCTCTTGAAGTACTTCCATACTGTCCTTCTCGG	Hs.19701	6992	2.655775	4.49987437	0.188295404	4.5741	3.54606492	0.050158002												
NEK6	NM_014397_bp581_R	AGCTAAAAAGAGAGGACAGTATGGAAGTATCTCTTGAAGTACTTCCATACTGTCCTTCTCGG	Hs.19701	12368	2.479575	4.6501405	0.227250417	4.413433333	3.47033119	0.052112838												
NEK6	NM_014397_bp879_R	AGCTAAAAAGCCCCCTTCTATGGAGATAAGATCTCTTGAATCTTATCTCCATAGAAGGGGCGG	Hs.19701	469	-0.2295	4.46244772	0.345876264	-1.4701	0.53687001	0.009999225												
NEK6	NM_014397_bp879_R	AGCTAAAAAGCCCCCTTCTATGGAGATAAGATCTCTTGAATCTTATCTCCATAGAAGGGGCGG	Hs.19701	5845	-1.150425	1.2857925	0.07510919	-2.111433333	2.26651593	0.000973963												
NEK6	NM_014397_bp879_R	AGCTAAAAAGCCCCCTTCTATGGAGATAAGATCTCTTGAATCTTATCTCCATAGAAGGGGCGG	Hs.19701	11221	-1.13055	1.4664246	0.109346106	-1.993566667	0.91504747	0.013734372												
NEK7	NM_133494_bp200_R	AGCTAAAAAGCCTGTCTCTTGGATGGAGTATCTCTTGAATACTCCATCCAAGAGACAGGCGG	Hs.24119	638	0.169375	0.21769926	0.322245797	-0.42845	0.14620726	0.03391683												
NEK7	NM_133494_bp200_R	AGCTAAAAAGCCTGTCTCTTGGATGGAGTATCTCTTGAATACTCCATCCAAGAGACAGGCGG	Hs.24119	6014	0.725875	0.13475675	0.060341904	0.26705	0.30134101	0.20082348												
NEK7	NM_133494_bp200_R	AGCTAAAAAGCCTGTCTCTTGGATGGAGTATCTCTTGAATACTCCATCCAAGAGACAGGCGG	Hs.24119	11390	0.87105	0.2309641	0.002599329	0.501625	0.20676019	0.026381751												
NEK7	NM_133494_bp706_R	AGCTAAAAAGTCTCTTGGCTGTCTACTATATCTCTTGAATATAGTAGACAGCCAAGAGACGG	Hs.24119	2117	0.482675	0.63802842	0.143490991	0.369625	0.37360165	0.130053386												
NEK7	NM_133494_bp706_R	AGCTAAAAAGTCTCTTGGCTGTCTACTATATCTCTTGAATATAGTAGACAGCCAAGAGACGG	Hs.24119	7493	0.3111	0.60987247	0.299506002	0.416325	0.41440974	0.114187228												
NEK7	NM_133494_bp706_R	AGCTAAAAAGTCTCTTGGCTGTCTACTATATCTCTTGAATATAGTAGACAGCCAAGAGACGG	Hs.24119	12869	0.821675	0.70813843	0.041969549	0.465125	0.37722795	0.074340249												
NEK8	NM_178170_bp1494_R	AGCTAAAAAGCGAGTTGTATGTGGTATCCGATCCTTGAATCGATACCACATACAACTCGCGG	Hs.448468	11520	-0.2135	0.34154498	0.381267608	-0.072625	1.02929313	0.875961588												
NEK8	NM_178170_bp1494_R	AGCTAAAAAGCGAGTTGTATGTGGTATCCGATCCTTGAATCGATACCACATACAACTCGCGG	Hs.448468	768	0.113566667	0.29118665	0.608595735	-0.0487	1.50650247	0.946733359												
NEK8	NM_178170_bp1494_R	AGCTAAAAAGCGAGTTGTATGTGGTATCCGATCCTTGAATCGATACCACATACAACTCGCGG	Hs.448468	6144	-0.329675	0.32199322	0.125542461	-1.0067	0.46711474	0.066634142												
NEK8	NM_178170_bp424_R	AGCTAAAAAGTCGTCAAGATCGGTGATTTCTCTCTTGAAGAAATCACCGATCTTGACGACGG	Hs.448468	769	-0.448025	0.30919155	0.051504085	0.492175	0.61799802	0.149499548												
NEK8	NM_178170_bp424_R	AGCTAAAAAGTCGTCAAGATCGGTGATTTCTCTCTTGAAGAAATCACCGATCTTGACGACGG	Hs.448468	6145	-0.40455	0.30662592	0.069107976	0.900133333	0.67058415	0.064703179												
NEK8	NM_178170_bp424_R	AGCTAAAAAGTCGTCAAGATCGGTGATTTCTCTCTTGAAGAAATCACCGATCTTGACGACGG	Hs.448468	11521	-0.4016	0.28472889	0.06422821	0.866633333	0.58891719	0.05600111												
NEK8	NM_178170_bp650_R	AGCTAAAAAGTGGCACCTTTGCACCTATCTTCTCTCTGAAAGATAGGTGCAAAGGTGCCACGG	Hs.448468	1926	2.379975	2.75830096	0.077427379	0.205675	0.80591086	0.588589942												
NEK8	NM_178170_bp650_R	AGCTAAAAAGTGGCACCTTTGCACCTATCTTCTCTCTGAAAGATAGGTGCAAAGGTGCCACGG	Hs.448468	7302	2.391125	2.73636404	0.074750738	0.272375	0.33471263	0.213269468												
NEK8	NM_178170_bp650_R	AGCTAAAAAGTGGCACCTTTGCACCTATCTTCTCTCTGAAAGATAGGTGCAAAGGTGCCACGG	Hs.448468	12678	2.767875	3.03636128	0.065948504	0.312575	0.56346971	0.294865609												
NEK9	NM_033116_bp2365_R	AGCTAAAAAGACCGAGGAATGGAAGGTTTATCTCTTGAATAAACCTTCCATTCCTCGGTCGG	Hs.7200	594	1.26605	0.82446623	0.014212563	1.26625	0.27612087	0.080115859												
NEK9	NM_033116_bp2365_R	AGCTAAAAAGACCGAGGAATGGAAGGTTTATCTCTTGAATAAACCTTCCATTCCTCGGTCGG	Hs.7200	5970	1.5606	0.84984214	0.006846779	1.381075	0.41828166	0.001964483												
NEK9	NM_033116_bp2365_R	AGCTAAAAAGACCGAGGAATGGAAGGTTTATCTCTTGAATAAACCTTCCATTCCTCGGTCGG	Hs.7200	11346	1.542975	0.83905644	0.006855759	1.29375	0.34440026	0.001600985												
NEK9	NM_033116_bp409_R	AGCTAAAAAGGAGGGGAACCTGTATGACAAATCTCTTGAATTTGTCATACAGGTTCCCTCCGG	Hs.7200	12781	-0.128			-0.081166667	0.17439628	0.687087921												
NEK9	NM_033116_bp409_R	AGCTAAAAAGGAGGGGAACCTGTATGACAAATCTCTTGAATTTGTCATACAGGTTCCCTCCGG	Hs.7200	2029																		
NEK9	NM_033116_bp409_R	AGCTAAAAAGGAGGGGAACCTGTATGACAAATCTCTTGAATTTGTCATACAGGTTCCCTCCGG	Hs.7200	7405																		
NEK9	NM_033116_bp836_R	AGCTAAAACCAGTACTCTTTGGAATTGATCTCTTGAATCAATTCCAAAGAGTACTGGCCGG	Hs.7200	595	-0.3127	0.45853395	0.213335238	-0.409625	0.24329622	0.0588925												
NEK9	NM_033116_bp836_R	AGCTAAAAAGCCAGTACTCTTTGGAATTGATCTCTTGAATCAATTCCAAAGAGTACTGGCCGG	Hs.7200	5971	-0.057425	0.31581445	0.75983863	0.141325	0.20610988	0.405492745												
NEK9	NM_033116_bp836_R	AGCTAAAAAGCCAGTACTCTTTGGAATTGATCTCTTGAATCAATTCCAAAGAGTACTGGCCGG	Hs.7200	11347	0.016675	0.34634699	0.932099097	0.36545	0.29646725	0.10005271												
NFATC1	NM_006162_bp1842_R	AGCTAAAAAGCATGGCTACTTGGAGAATGATCTCTTGAATCATTCTCCAAGTAGCCATGCGG	Hs.534074	14191	-1.257766667	0.28086049	0.003365454										-0.2122625	0.23497228	0.324654678	0.762325	0.372948	0.026451968	0.65625	0.14717229	0.002973954
NFATC1	NM_006162_bp1842_R	AGCTAAAAAGCATGGCTACTTGGAGAATGATCTCTTGAATCATTCTCCAAGTAGCCATGCGG	Hs.534074	3439	-0.833566667	0.75778584	0.076144953										-0.14798333	0.14395965	0.553534311	0.71395	0.3576834	0.028154128	0.63405	0.1546905	0.003798498
NFATC1	NM_006162_bp1842_R	AGCTAAAAAGCATGGCTACTTGGAGAATGATCTCTTGAATCATTCTCCAAGTAGCCATGCGG	Hs.534074	8815	-0.720766667	0.76824116	0.11173117										0.213716667	0.96260854	0.629036339	0.738	0.35778861	0.025827646	0.625475	0.216543504	0.010213642
NFATC1	NM_006162_bp2368_R	AGCTAAAAAGTCTGGGAGATGGAAGCGAAATCTCTTGAATTTCGCTTCCATCTCCCAGACGG	Hs.534074	3443	0.16435	0.14861283	0.297780113										-0.11728333	0.63368989	0.731177575	0.26065	0.23330013	0.111533441	-0.158825	0.65625779	0.014498345
NFATC1	NM_006162_bp2368_R	AGCTAAAAAGTCTGGGAGATGGAAGCGAAATCTCTTGAATTTCGCTTCCATCTCCCAGACGG	Hs.534074	8819	0.397825	0.48279235	0.140028204										0.2588125	0.67280589	0.416543585	0.258675	0.16504517	0.051880272	-0.069725	0.64423268	0.842513653
NFATC1	NM_006162_bp2368_R	AGCTAAAAAGTCTGGGAGATGGAAGCGAAATCTCTTGAATTTCGCTTCCATCTCCCAGACGG	Hs.534074	14195	0.397925	0.59836591	0.193419443										0.2417125	1.09812909	0.590219917	0.303625	0.25004263	0.0934481	0.017	0.636555156	0.960760846
NFATC1	NM_006162_bp2430_R	AGCTAAAAGATCCCGCCATTTCGGAATCATCTCTTGAATGATTCCGAATGGCGGGGATCGG	Hs.534074	3441	-0.6123	0.49166572	0.044584664										-0.1781125	0.89152968	0.639054094	0.2924	0.42886614	0.266000901	0.617825	0.39182318	0.051123375
NFATC1	NM_006162_bp2430_R	AGCTAAAAGATCCCGCCATTTCGGAATCATCTCTTGAATGATTCCGAATGGCGGGGATCGG	Hs.534074	8817	-0.6491	0.32753107	0.015690592										0.1083625	0.42110338	0.658070354	0.313775	0.4390643	0.248259684	0.649025	0.35727169	0.035911919
NFATC1	NM_006162_bp2430_R	AGCTAAAAGATCCCGCCATTTCGGAATCATCTCTTGAATGATTCCGAATGGCGGGGATCGG	Hs.534074	14193	-0.576475	0.16520646	0.010292789										-0.4814375	0.06018158	0.037292564	0.31535	0.44221374	0.249056133	0.64315	0.41831553	0.054350683
NFKB1	NM_003998_bp2097_R	AGCTAAAAGGGGACAGTGTCTTACACTATTATCTCTTGAATAAGTGTAAGACACTGTCCCCGG	Hs.431926	2010	1.4411625	0.24770101	0.000284776										1.4097375	0.42666406	0.000899004						
NFKB1	NM_003998_bp2097_R	AGCTAAAAGGGGACAGTGTCTTACACTATTATCTCTTGAATAAGTGTAAGACACTGTCCCCGG	Hs.431926	7386	1.7156625	0.4701337	0.000584544										1.2746625	0.34875374	0.001042162						
NFKB1	NM_003998_bp2097_R	AGCTAAAAGGGGACAGTGTCTTACACTATTATCTCTTGAATAAGTGTAAGACACTGTCCCCGG	Hs.431926	12762	1.0125375	0.75516168	0.024692908										1.1569625	0.50003529	0.003553366						
NFKB1	NM_003998_bp2918_R	AGCTAAAAGCTGCAGCTGTATAAGTTACTTCTCTTGAAAGTAACTTATACAGCTGCAGCGG	Hs.431926	2012	1.8544375	0.37444663	0.000209214										0.6263375	0.42842381	0.036539193						
NFKB1	NM_003998_bp2918_R	AGCTAAAAGCTGCAGCTGTATAAGTTACTTCTCTTGAAAGTAACTTATACAGCTGCAGCGG	Hs.431926	7388	1.8396875	0.29217088	0.000120442										0.3873125	0.16064673	0.085351484						
NFKB1	NM_003998_bp2918_R	AGCTAAAGCTGCAGCTGTATAAGTTACTTCTCTTGAAAGTAACTTATACAGCTGCAGCGG	Hs.431926	12764	1.7041375	0.30407828	0.000189643										0.3548125	0.08706065	0.099501724						
NFKB1	NM_003998_bp591_R	AGCTAAAAGGCCCATACCTTCAAATATTATCTCTTGAATAATATTGAAGGTATGGGCCGG	Hs.431926	1071	0.3194625	0.31385936	0.131358459										0.3245125	0.0835877	0.125035119						
NFKB1	NM_003998_bp591_R	AGCTAAAAGGCCCATACCTTCAAATATTATCTCTTGAATAATATTGAAGGTATGGGCCGG	Hs.431926	6447	0.1952875	0.28917426	0.30492044										0.3714375	0.13848924	0.092913495						
NFKB1	NM_003998_bp591_R	AGCTAAAAGGCCCATACCTTCAAATATTATCTCTTGAATAATATTTGAAGGTATGGGCCGG	Hs.431926	11823	0.1432625	0.29860762	0.446130581										0.3646875	0.11271794	0.094702676						
NFKB2	NM_002502_bp2383_R	AGCTAAAAGGTGAAGACCTTGCTGCTAAATCTCTTGAATTTAGCAGCAAGGTCTTCACCGG	Hs.73090	2539																		
NFKB2	NM_002502_bp2383_R	AGCTAAAAGGTGAAGACCTTGCTGCTAAATCTCTTGAATTTAGCAGCAAGGTCTTCACCGG	Hs.73090	7915																		
NFKB2	NM_002502_bp2383_R	AGCTAAAAGGTGAAGACCTTGCTGCTAAATCTCTTGAATTTAGCAGCAAGGTCTTCACCGG	Hs.73090	13291																		
NFKB2	NM_002502_bp2459_R	AGCTAAAAGGACTGTCACTTGGTGATACATCTCTTGAATGTATCACCAAGTGACAGTCCGG	Hs.73090	2541																		
NFKB2	NM_002502_bp2459_R	AGCTAAAAGGACTGTCACTTGGTGATACATCTCTTGAATGTATCACCAAGTGACAGTCCGG	Hs.73090	7917																		
NFKB2	NM_002502_bp2459_R	AGCTAAAAGGACTGTCACTTGGTGATACATCTCTTGAATGTATCACCAAGTGACAGTCCGG	Hs.73090	13293																		
NFKB2	NM_002502_bp573_R	AGCTAAAAGTGTCCTGCATGTGACTAAGATCTCTTGAATCTTAGTCACATGCAGGACACGG	Hs.73090	2537																		
NFKB2	NM_002502_bp573_R	AGCTAAAAGTGTCCTGCATGTGACTAAGATCTCTTGAATCTTAGTCACATGCAGGACACGG	Hs.73090	7913																		
NFKB2	NM_002502_bp573_R	AGCTAAAAGTGTCCTGCATGTGACTAAGATCTCTTGAATCTTAGTCACATGCAGGACACGG	Hs.73090	13289																		
NFKBIA	NM_020529_bp508_R	AGCTAAAAACTCCGAGACTTTCGAGGAAATCTCTTGAATTTCCTCGAAAGTCTCGGAGCGG	Hs.81328	2543	-1.169825	0.23433588	0.00088098										-0.4871375	0.7195457	0.199661569						
NFKBIA	NM_020529_bp508_R	AGCTAAAAACTCCGAGACTTTCGAGGAAATCTCTTGAATTTCCTCGAAAGTCTCGGAGCGG	Hs.81328	7919	-1.175375	0.23446768	0.000825832										-0.4334875	0.73015058	0.257086319						
NFKBIA	NM_020529_bp508_R	AGCTAAAAACTCCGAGACTTTCGAGGAAATCTCTTGAATTTCCTCGAAAGTCTCGGAGCGG	Hs.81328	13295	-1.1969	0.25129768	0.00088248										-0.4730125	0.64411678	0.185059396						
NFKBIA	NM_020529_bp649_R	AGCTAAAAGTGTCTACACTTAGCCCTCTATTCTCTTGAAATAGAGGCTAAGTGTAGACACCGG	Hs.81328	7945	0.787925	0.19947867	0.002935192										0.5616875	1.01994092	0.179194492						
NFKBIA	NM_020529_bp649_R	AGCTAAAAGTGTCTACACTTAGCCCTCTATTCTCTTGAAATAGAGGCTAAGTGTAGACACCGG	Hs.81328	13321	0.782375	0.12322232	0.001956079										0.7111625	1.02844064	0.108425959						
NFKBIA	NM_020529_bp649_R	AGCTAAAAGTGTCTACACTTAGCCCTCTATTCTCTTGAAATAGAGGCTAAGTGTAGACACCGG	Hs.81328	2569	0.840633333	0.2431915	0.010082977										0.59835	1.24203111	0.256187506						
NFKBIA	NM_020529_bp968_R	AGCTAAAAGATCAGAGTTCACGGAGTTCTCTCTTGAAGAACTCCGTGAACTCTGACTCGG	Hs.81328	2571	-0.9916	0.55951799	0.014496764										-0.4469375	0.76527744	0.257425588						
NFKBIA	NM_020529_bp968_R	AGCTAAAAGATCAGAGTTCACGGAGTTCTCTCTTGAAGAACTCCGTGAACTCTGACTCGG	Hs.81328	7947	-0.980425	0.54939634	0.014496598										-0.4774625	0.71026086	0.207241588						
NFKBIA	NM_020529_bp968_R	AGCTAAAAGATCAGAGTTCACGGAGTTCTCTCTTGAAGAACTCCGTGAACTCTGACTCGG	Hs.81328	13323	-0.950875	0.52101928	0.014227732										-0.4517875	0.65929872	0.212292354						
NFKBIB	NM_002503_bp214_R	AGCTAAAAGGCACTGCACTTGGCTGTGATTTCTCTTGAAATCACAGCCAAGTGCAGTGCCGG	Hs.9731	13381	1.492733333	1.08101976	0.028573734										-0.5214375	0.50080648	0.103986023						
NFKBIB	NM_002503_bp214_R	AGCTAAAAGGCACTGCACTTGGCTGTGATTTCTCTTGAAATCACAGCCAAGTGCAGTGCCGG	Hs.9731	2629	-0.40585												-1.09725	1.08510907	0.065549946						
NFKBIB	NM_002503_bp214_R	AGCTAAAAGGCACTGCACTTGGCTGTGATTTCTCTTGAAATCACAGCCAAGTGCAGTGCCGG	Hs.9731	8005	-0.66345												-0.83175	1.22660754	0.171329042						
NFKBIB	NM_002503_bp671_R	AGCTAAAAGTGGCCGTTATCCACAAAGATTCTCTTGAATCTTTTGTGGATAACGGCCACGG	Hs.9731	8003	-0.791975	0.33399351	0.009686556										0.3389875	0.50303642	0.178220572						
NFKBIB	NM_002503_bp671_R	AGCTAAAAGTGGCCGTTATCCACAAAGATTCTCTTGAATCTTTTGTGGATAACGGCCACGG	Hs.9731	13379	-0.8176	0.35176828	0.010043228										0.2957125	0.43797326	0.199731317						
NFKBIB	NM_002503_bp671_R	AGCTAAAAGTGGCCGTTATCCACAAAGATTCTCTTGAATCTTTTGTGGATAACGGCCACGG	Hs.9731	2627	-0.79775	0.35608428	0.008449214										0.447	0.56045284	0.254505176						
NFKBIE	NM_004556_bp1793_R	AGCTAAAAGAAGCTGTTTGCCTCTCTTGTCTCTTGAACAAGAGAGGCAAACAGGCTTCGG	Hs.458276	1462	0.862475	0.55103343	0.014575876										0.3556625	0.59327486	0.1952288						
NFKBIE	NM_004556_bp1793_R	AGCTAAAAGAAGCTGTTTGCCTCTCTTGTCTCTTGAACAAGAGAGGCAAACAGGCTTCGG	Hs.458276	6838	1.0045	0.55112104	0.008049375										0.4079125	0.84751771	0.240596037						
NFKBIE	NM_004556_bp1793_R	AGCTAAAAGAAGCTGTTTGCCTCTCTTGTCTCTTGAACAAGAGAGGCAAACAGGCTTCGG	Hs.458276	12214	0.85845	0.45373081	0.008607747										0.3413125	0.5593114	0.196713154						
NFKBIE	NM_004556_bp2016_R	AGCTAAAAAGGAAGGGAAGTTTCAGTAACATCTCTTGAATGTTACTGAAACTTCCCTTCCGG	Hs.458276	1461	-0.11535	0.48167221	0.805662998										-0.6216125	0.54735286	0.070399978						
NFKBIE	NM_004556_bp2016_R	AGCTAAAAAGGAAGGGAAGTTTCAGTAACATCTCTTGAATGTTACTGAAACTTCCCTTCCGG	Hs.458276	6837	-0.083675	0.4637292	0.907242054										-0.6117875	0.53659629	0.071888516						
NFKBIE	NM_004556_bp2016_R	AGCTAAAAAGGAAGGGAAGTTTCAGTAACATCTCTTGAATGTTACTGAAACTTCCCTTCCGG	Hs.458276	12213	0.018025	0.44943013	0.743184359										-0.5551625	0.37048464	0.060960054						
NFKBIE	NM_004556_bp922_R	AGCTAAAAAGCACTCCATCTGGCTGTACATTCTCTTGAAATGTACAGCCAGATGGAGTGCGG	Hs.458276	1460	-0.3313	0.340688	0.202788346										-0.4127875	0.30209398	0.128347306						
NFKBIE	NM_004556_bp922_R	AGCTAAAAGCACTCCATCTGGCTGTACATTCTCTTGAAATGTACAGCCAGATGGAGTGCGG	Hs.458276	6836	-0.328525	0.3126285	0.193211843										-0.4242125	0.30559478	0.119917926						
NFKBIE	NM_004556_bp922_R	AGCTAAAAGCACTCCATCTGGCTGTACATTCTCTTGAAATGTACAGCCAGATGGAGTGCGG	Hs.458276	12212	-0.2896	0.26829158	0.228286322										-0.4337375	0.31180555	0.114194495						
NFKBIL1	NM_005007_bp130_R	AGCTAAAAAGGAAGAAGCCTCCACATCTGTTTCTCTTGAAACAGATGTGGAGGCTTCTTCCGG	Hs.2764	1406	-0.749375	0.37686863	0.018971654										0.6687625	0.70982541	0.06051715						
NFKBIL1	NM_005007_bp130_R	AGCTAAAAAGGAAGAAGCCTCCACATCTGTTTCTCTTGAAACAGATGTGGAGGCTTCTTCCGG	Hs.2764	6782	-0.710925	0.42096747	0.028869604										1.019583333	0.52497422	0.015294853						
NFKBIL1	NM_005007_bp1425_R	AGCTAAAAGCACTCTGCCGTTTCCTAATAATCTCTTGAATTATTAGGAAACGGCAGAGTCGG	Hs.2764	1407	-0.958225	0.60185394	0.081037898										-0.6334833	0.20878356	0.055441996						
NFKBIL1	NM_005007_bp1425_R	AGCTAAAAGCACTCTGCCGTTTCCTAATAATCTCTTGAATTATTAGGAAACGGCAGAGTCGG	Hs.2764	6783	-1.1117	0.895975	0.096709867										-0.3701333	0.58768103	0.339244091						
NFKBIL1	NM_005007_bp1425_R	AGCTAAAAGCACTCTGCCGTTTCCTAATAATCTCTTGAATTATTAGGAAACGGCAGAGTCGG	Hs.2764	12159	-1.448175	0.68784542	0.005398615										-0.3347875	0.56568805	0.315548462						
NFKBIL1	NM_005007_bp204_R	AGCTAAAAGTCGCTTTCGTCGTTACTTGTTCTCTTGAAACAAGTAACGACGAAAGCGACGG	Hs.2764	2399	0.112525	0.38001641	0.427386133										0.2215875	0.2966172	0.247557548						
NFKBIL1	NM_005007_bp204_R	AGCTAAAAGTCGCTTTCGTCGTTACTTGTTCTCTTGAAACAAGTAACGACGAAAGCGACGG	Hs.2764	7775	0.128725	0.38910179	0.393327861										0.2021375	0.28814151	0.27724379						
NFKBIL1	NM_005007_bp204_R	AGCTAAAAGTCGCTTTCGTCGTTACTTGTTCTCTTGAAACAAGTAACGACGAAAGCGACGG	Hs.2764	13151	0.1191	0.37646663	0.410059482										0.1591875	0.35054376	0.386699119						
NFKBIZ	NM_031419_bp1002_R	AGCTAAAAGTCCCCCGCTTATGAACCAAATCTCTTGAATTTGGTTCATAAGCGGGGGGACGG	Hs.319171	1435																		
NFKBIZ	NM_031419_bp1002_R	AGCTAAAAGTCCCCCGCTTATGAACCAAATCTCTTGAATTTGGTTCATAAGCGGGGGGACGG	Hs.319171	6811																		
NFKBIZ	NM_031419_bp1002_R	AGCTAAAAGTCCCCCGCTTATGAACCAAATCTCTTGAATTTGGTTCATAAGCGGGGGGACGG	Hs.319171	12187																		
NFKBIZ	NM_031419_bp1817_R	AGCTAAAAGTCTGGTTGATACCATTAAGTTCTCTTGAAACTTAATGGTATCAACCAGACGG	Hs.319171	1436																		
NFKBIZ	NM_031419_bp1817_R	AGCTAAAAGTCTGGTTGATACCATTAAGTTCTCTTGAAACTTAATGGTATCAACCAGACGG	Hs.319171	6812																		
NFKBIZ	NM_031419_bp1817_R	AGCTAAAAGTCTGGTTGATACCATTAAGTTCTCTTGAAACTTAATGGTATCAACCAGACGG	Hs.319171	12188																		
NFKBIZ	NM_031419_bp385_R	AGCTAAAAGGTGTTCGGGTAAAGAACTCATCTCTTGAATGAGTTCTTTACCCGAACACCGG	Hs.319171	2447																		
NFKBIZ	NM_031419_bp385_R	AGCTAAAAGGTGTTCGGGTAAAGAACTCATCTCTTGAATGAGTTCTTTACCCGAACACCGG	Hs.319171	7823																		
NFKBIZ	NM_031419_bp385_R	AGCTAAAAGGTGTTCGGGTAAAGAACTCATCTCTTGAATGAGTTCTTTACCCGAACACCGG	Hs.319171	13199																		
NKIRAS1	NM_020345_bp351_R	AGCTAAAAAGCAGCTCCTTTATGGAAATCATCTCTTGAATGATTTCCATAAAAGGAGCTGCGG	Hs.173202	2333	-0.497275	0.33138908	0.063486243										-0.6457625	0.52878448	0.059252033						
NKIRAS1	NM_020345_bp351_R	AGCTAAAAAGCAGCTCCTTTATGGAAATCATCTCTTGAATGATTTCCATAAAAGGAGCTGCGG	Hs.173202	7709	-0.557825	0.23564382	0.026237018										-0.5623375	0.61543755	0.115543325						
NKIRAS1	NM_020345_bp351_R	AGCTAAAAAGCAGCTCCTTTATGGAAATCATCTCTTGAATGATTTCCATAAAAGGAGCTGCGG	Hs.173202	13085	-0.58105	0.2104776	0.020165159										-0.6258625	0.52822068	0.065723895						
NKIRAS1	NM_020345_bp619_R	AGCTAAAAAGGGTAGCAATTGTGGTATTATCTCTTGAATAATACCACAATTGCTACCTCGG	Hs.173202	1364	0.0557	0.53911188	0.669042636										0.0914125	1.18421536	0.776985234						
NKIRAS1	NM_020345_bp619_R	AGCTAAAAAGGGTAGCAATTGTGGTATTATCTCTTGAATAATACCACAATTGCTACCTCGG	Hs.173202	6740	0.311625	0.19196515	0.058531138										0.0031375	1.46259436	0.935431133						
NKIRAS1	NM_020345_bp619_R	AGCTAAAAAGGGTAGCAATTGTGGTATTATCTCTTGAATAATACCACAATTGCTACCTCGG	Hs.173202	12116	0.2247	0.13758533	0.104003387										0.0847375	1.28604352	0.80184085						
NKIRAS1	NM_020345_bp725_R	AGCTAAAAAGGAGGTGACTGTTACAGATCTCTCTTGAAGATCTGTAACAGTCACCTCCCGG	Hs.173202	2335	-0.12525	0.58084169	0.795737447										-0.7291125	0.61976168	0.051620086						
NKIRAS1	NM_020345_bp725_R	AGCTAAAAAGGAGGTGACTGTTACAGATCTCTCTTGAAGATCTGTAACAGTCACCTCCCGG	Hs.173202	7711	-0.08005	0.57881281	0.929324409										-0.6478125	0.72933536	0.10235178						
NKIRAS1	NM_020345_bp725_R	AGCTAAAAAGGAGGTGACTGTTACAGATCTCTCTTGAAGATCTGTAACAGTCACCTCCCGG	Hs.173202	13087	-0.1452	1.5778676	0.738602669	

NME1	NM_198175_bp712_R	AGCTAAAAAGGAGATCGGCTTGTGGTTTCATCTCTTGAATGAAACCACAAGCCGATCTCCGG	Hs.463456	2008	1.0592875	0.39093355	0.003098499					0.2107875	0.20159244	0.3173565						
NME1	NM_198175_bp712_R	AGCTAAAAAGGAGATCGGCTTGTGGTTTCATCTCTTGAATGAAACCACAAGCCGATCTCCGG	Hs.463456	7384	1.1078875	0.34371799	0.00186164					0.2607625	0.27263971	0.24770847						
NME1	NM_198175_bp712_R	AGCTAAAAAGGAGATCGGCTTGTGGTTTCATCTCTTGAATGAAACCACAAGCCGATCTCCGG	Hs.463456	12760	1.0023625	0.37124362	0.003470443					0.2256875	0.25319964	0.303570181						
MMU	NM_006681_bp212_R	AGCTAAAAAGCCGAGGTGCTCCAATATACTCTCTTGAAGTAATATTGGAGCACCTCGGCGG	Hs.418367	5337	0.2138125	0.59540943	0.454804921	-1.5036	1.55139228	0.151766573										
MMU	NM_006681_bp212_R	AGCTAAAAAGCCGAGGTGCTCCAATATACTCTCTTGAAGTAATATTGGAGCACCTCGGCGG	Hs.418367	10713	-0.3085125	0.22113092	0.103081885	-0.5124125	1.00438318	0.292396731										
MMU	NM_006681_bp212_R	AGCTAAAAAGCCGAGGTGCTCCAATATACTCTCTTGAAGTAATATTGGAGCACCTCGGCGG	Hs.418367	16089	0.431775	0.13184006	0.171778017	-0.775275	1.18585343	0.292816861										
MMU	NM_006681_bp342_R	AGCTAAAAAGGAGCTTTGCTTTATGATTATTCTCTTGAAATAATCATAAAGCAAAGCTCCGG	Hs.418367	5335	-0.3481875	0.10631396	0.050142824	-0.2088625	0.66578524	0.521846609										
MMU	NM_006681_bp342_R	AGCTAAAAAGGAGCTTTGCTTTATGATTATTCTCTTGAAATAATCATAAAGCAAAGCTCCGG	Hs.418367	10711	-0.3756625	0.07729801	0.036537631	-0.0575375	0.52499675	0.828217559										
MMU	NM_006681_bp342_R	AGCTAAAAAGGAGCTTTGCTTTATGATTATTCTCTTGAAATAATCATAAAGCAAAGCTCCGG	Hs.418367	16087	1.360175	2.25031198	0.245648669	-0.760666667	0.4421113	0.049010154										
MMU	NM_006681_bp413_R	AGCTAAAAAGGTTCTTATTTCATTATTCGATCTCTTGAATCGAATATGAAATAAGAACCGG	Hs.418367	5339	-0.4738875	0.36611924	0.056279341	-0.6739625	0.26418842	0.012479532										
MMU	NM_006681_bp413_R	AGCTAAAAAGGTTCTTATTTCATTATTCGATCTCTTGAATCGAATATGAAATAAGAACCGG	Hs.418367	10715	-0.5821375	0.24913333	0.015298922	-0.6571625	0.40728167	0.03022935										
MMU	NM_006681_bp413_R	AGCTAAAAAGGTTCTTATTTCATTATTCGATCTCTTGAATCGAATATGAAATAAGAACCGG	Hs.418367	16091	-0.16575	0.17307922	0.411849558	-0.4763												
NOD3	NM_178844_bp196_R	AGCTAAAAGTGCGAGCTCTACTCATGGTATCTCTTGAATACCATGAGTAGACTCGCACGG	Hs.592091	1520	-0.074175	0.20417259	0.914231567					0.7004125	0.63407703	0.039371307						
NOD3	NM_178844_bp196_R	AGCTAAAAGTGCGAGCTCTACTCATGGTATCTCTTGAATACCATGAGTAGACTCGCACGG	Hs.592091	6896	-0.097125	0.15587426	0.793392574					0.6042375	0.6511752	0.06578312						
NOD3	NM_178844_bp196_R	AGCTAAAAGTGCGAGCTCTACTCATGGTATCTCTTGAATACCATGAGTAGACTCGCACGG	Hs.592091	12272	0.030575	0.23917632	0.618972251					0.6344875	0.61848601	0.051408781						
NOD3	NM_178844_bp2407_R	AGCTAAAAGGCAACACCGTTAGGGATGATTTCTTTGAAATCATCCCTAACGGTGTTGCCGG	Hs.592091	1521	-1.41565							0.3621625	0.84630538	0.286058801						
NOD3	NM_178844_bp2407_R	AGCTAAAAGGCAACACCGTTAGGGATGATTTCTTTGAAATCATCCCTAACGGTGTTGCCGG	Hs.592091	6897	-1.465766667	0.15136806	0.001545878					0.2628125	0.76065609	0.377022491						
NOD3	NM_178844_bp2407_R	AGCTAAAAGGCAACACCGTTAGGGATGATTTCTTTGAAATCATCCCTAACGGTGTTGCCGG	Hs.592091	12273	-1.697266667	0.29393687	0.001476981					0.4812375	0.74255506	0.147443547						
NOD3	NM_178844_bp3079_R	AGCTAAAAGTGGCCACAATTGGCTCTCATCTCTTGAATGAAGCACCAATTGAGGCCACGG	Hs.592091	2646	-0.951025	0.38636601	0.007063591					-0.8533875	0.36258959	0.010057283						
NOD3	NM_178844_bp3079_R	AGCTAAAAGTGGCCACAATTGGCTCTCATCTCTTGAATGAAGCACCAATTGAGGCCACGG	Hs.592091	8022	-1.01075	0.31707666	0.003483619					-0.7996875	0.3395333	0.012422736						
NOD3	NM_178844_bp3079_R	AGCTAAAAGTGGCCACAATTGGCTCTCATCTCTTGAATGAAGCACCAATTGAGGCCACGG	Hs.592091	13398	-0.9251	0.33060453	0.005624804					-0.7098875	0.23253259	0.014885933						
NOTCH1	NM_017617_bp2240_R	AGCTAAAAGGACCAACTGTGACATCAACATCTCTTGAATGTTGATGTCACAGTTGGTCCGG	Hs.495473	3434	0.416475	0.63927117	0.195514068					-0.5939875	0.46313587	0.049360763	0.4537	0.59905967	0.227083148	-0.0655	0.52289174	0.818355479
NOTCH1	NM_017617_bp2240_R	AGCTAAAAGGACCAACTGTGACATCAACATCTCTTGAATGTTGATGTCACAGTTGGTCCGG	Hs.495473	8810	0.436325	0.70739197	0.208679958					-0.6206125	0.45723652	0.061640276	0.47915	0.531898	0.169397936	0.10655	0.46104248	0.67538737
NOTCH1	NM_017617_bp2240_R	AGCTAAAAGGACCAACTGTGACATCAACATCTCTTGAATGTTGATGTCACAGTTGGTCCGG	Hs.495473	14186	0.481725	0.66036377	0.153016542					-0.4870375	0.51491999	0.10418274	0.42285	0.59693033	0.251545678	0.1004	0.49832056	0.7139798
NOTCH1	NM_017617_bp3645_R	AGCTAAAAAGGGTGTGCACTGTGAGATCAATCTCTTGAATTGATCTCACAGTGCACACCGG	Hs.495473	3408	-0.403025	0.19531538	0.043103895					0.2233625	0.3448519	0.342543234	-0.331875	0.51320531	0.286477484	0.4454	0.71306113	0.300164193
NOTCH1	NM_017617_bp3645_R	AGCTAAAAGGGTGTGCACTGTGAGATCAATCTCTTGAATTGATCTCACAGTGCACACCGG	Hs.495473	8784	-0.65885	0.38470159	0.020398479					0.1986625	0.365744	0.403254734	-0.22205	0.56523972	0.406757747	0.46075	0.81803295	0.341933873
NOTCH1	NM_017617_bp3645_R	AGCTAAAAGGGTGTGCACTGTGAGATCAATCTCTTGAATTGATCTCACAGTGCACACCGG	Hs.495473	14160	-0.582	0.32207626	0.122803555					0.3433625	0.43239365	0.194484306	-0.2373	0.54890919	0.450844649	0.504	0.82355353	0.308323189
NPAS1	BC039016_bp1130_R	AGCTAAAAAGGTCTCACCATCCTTGCTTGTTCTCTTGAAACAAGCAAGGATGGTGAGACCGG	Hs.79564	4276	-0.204725	0.36787058	0.335481851	-0.8624	0.13115896	0.002356371	-0.63076667	0.64198539	0.109114583							
NPAS1	BC039016_bp1130_R	AGCTAAAAGGTCTCACCATCCTTGCTTGTTCTCTTGAAACAAGCAAGGATGGTGAGACCGG	Hs.79564	9652	-0.14255	0.30748898	0.453888738	-0.779675	0.19294432	0.004856731	-0.6325	1.01894378	0.203200689							
NPAS1	BC039016_bp1130_R	AGCTAAAAGGTCTCACCATCCTTGCTTGTTCTCTTGAAACAAGCAAGGATGGTGAGACCGG	Hs.79564	15028	-0.1625	0.31136109	0.399817198	-0.6989	0.26502839	0.011159382	-0.62806667	0.80881039	0.150002961							
NPAS1	BC039016_bp638_R	AGCTAAAAAGGCTTTGTGTTCGCCTTGAACTTCTCTTGAAGTTCAAGGCGAACACAAAGCCGG	Hs.79564	4274	0.31285	0.81866398	0.4021002	1.689325	0.3622422	0.000584194	-0.2384	0.33257831	0.396192744							
NPAS1	BC039016_bp638_R	AGCTAAAAGGCTTTGTGTTCGCCTTGAACTTCTCTTGAAGTTCAAGGCGAACACAAAGCCGG	Hs.79564	9650	0.502133333	0.96759565	0.305670737	1.992975	0.22109299	0.000109461	0.39325	0.06484169	0.274287826							
NPAS1	BC039016_bp638_R	AGCTAAAAGGCTTTGTGTTCGCCTTGAACTTCTCTTGAAGTTCAAGGCGAACACAAAGCCGG	Hs.79564	15026	0.6792	0.57676479	0.046136918	1.0301	0.28892383	0.045881327	0.45155	0.79245457	0.337979267							
NPAS1	BC039016_bp930_R	AGCTAAAAAGCTCCTTCTTTGTCCGCATGATCTCTTGAATCATGCGGACAAAGAAGAGCGGG	Hs.79564	4248	0.133825	0.48755936	0.583657883	-0.2478	0.25832374	0.203558116	0.955366667	0.95466594	0.068044173							
NPAS1	BC039016_bp930_R	AGCTAAAAAGCTCCTTCTTTGTCCGCATGATCTCTTGAATCATGCGGACAAAGAAGAGCGGG	Hs.79564	9624	0.1711	0.48397917	0.485738891	-0.36915	0.31266291	0.103973986	0.999933333	0.92286459	0.056057322							
NPAS1	BC039016_bp930_R	AGCTAAAAAGCTCCTTCTTTGTCCGCATGATCTCTTGAATCATGCGGACAAAGAAGAGCGGG	Hs.79564	15000	0.217775	0.49228056	0.387317158	-0.4438	0.31806098	0.065428232	1.072	0.9669632	0.049320105							
NPR1	NM_000906_bp2405_R	AGCTAAAAGGGCATGCTGTTTCTACACAATCTCTTGAATTGTGTAGAAACAGCATGCCCGG	148																	
NPR1	NM_000906_bp2405_R	AGCTAAAAGGGCATGCTGTTTCTACACAATCTCTTGAATTGTGTAGAAACAGCATGCCCGG	5524																	
NPR1	NM_000906_bp2405_R	AGCTAAAAGGGCATGCTGTTTCTACACAATCTCTTGAATTGTGTAGAAACAGCATGCCCGG	10900																	
NPR1	NM_000906_bp2487_R	AGCTAAAAAGTGCTCAAGATCACCGACTATTTCTTTGAAATAGTCGGTGATCTTGAGCACGG	Hs.490330	149	0.0632	0.80351131	0.858401443	-0.4061875	0.56532654	0.191552569										
NPR1	NM_000906_bp2487_R	AGCTAAAAGTGCTCAAGATCACCGACTATTTCTTTGAAATAGTCGGTGATCTTGAGCACGG	Hs.490330	5525	0.0749	0.87021708	0.843581122	-0.3939125	0.37141366	0.230074829										
NPR1	NM_000906_bp2487_R	AGCTAAAAGTGCTCAAGATCACCGACTATTTCTTTGAAATAGTCGGTGATCTTGAGCACGG	Hs.490330	10901	0.1266	0.84675697	0.733778924	-0.3890625	0.57473523	0.212306389										
NPR1	NM_000906_bp3501_R	AGCTAAAAGCCCTGAAGATCCACTTGTCTTCTCTTGAAAGACAAGTGGATCTTCAGGGCGG	Hs.490330	150	-0.14055	0.15115521	0.367349538	0.4976875	0.18781746	0.024745889										
NPR1	NM_000906_bp3501_R	AGCTAAAAGCCCTGAAGATCCACTTGTCTTCTCTTGAAAGACAAGTGGATCTTCAGGGCGG	Hs.490330	5526	-0.128675	0.20914206	0.381035699	0.4902125	0.20691041	0.028502829										
NPR1	NM_000906_bp3501_R	AGCTAAAAGCCCTGAAGATCCACTTGTCTTCTCTTGAAAGACAAGTGGATCTTCAGGGCGG	Hs.490330	10902	-0.075975	0.11276576	0.601673342	0.5357875	0.13726249	0.015264964										
NPR2	NM_000907_bp1329_R	AGCTAAAAAGGACGACCCATCCTGTGATAATCTCTTGAATTATCACAGGATGGGTCGTCCGG	Hs.78518	151	-0.8772			-0.3151												
NPR2	NM_000907_bp1329_R	AGCTAAAAAGGACGACCCATCCTGTGATAATCTCTTGAATTATCACAGGATGGGTCGTCCGG	Hs.78518	5527	-0.6313			-0.38955	0.17939299	0.245206256										
NPR2	NM_000907_bp1329_R	AGCTAAAAAGGACGACCCATCCTGTGATAATCTCTTGAATTATCACAGGATGGGTCGTCCGG	Hs.78518	10903	-0.5713			-0.233616667	0.5115633	0.457321277										
NPR2	NM_000907_bp2327_R	AGCTAAAAGGCCAGACTTTGGACAGATTATCTCTTGAATAATCTGTCCAAAGTCTGGCCGG	Hs.78518	152	0.4708			0.2165												
NPR2	NM_000907_bp2327_R	AGCTAAAAGGCCAGACTTTGGACAGATTATCTCTTGAATAATCTGTCCAAAGTCTGGCCGG	Hs.78518	5528	0.3038			0.173												
NPR2	NM_000907_bp2327_R	AGCTAAAAGGCCAGACTTTGGACAGATTATCTCTTGAATAATCTGTCCAAAGTCTGGCCGG	Hs.78518	10904	-0.28805	0.78566635	0.520769442	0.1108												
NPR2	NM_000907_bp2800_R	AGCTAAAAGCCCTAGCATTACTAGATGCATCTCTTGAATGCATCTAGTAATGCTAGGGCGG	Hs.78518	153	-0.986225	1.03494091	0.065808417	-0.4070125	0.50508718	0.161691998										
NPR2	NM_000907_bp2800_R	AGCTAAAAGCCCTAGCATTACTAGATGCATCTCTTGAATGCATCTAGTAATGCTAGGGCGG	Hs.78518	5529	-0.953675	1.0238016	0.070493893	-0.4029625	0.44888169	0.138662655										
NPR2	NM_000907_bp2800_R	AGCTAAAAGCCCTAGCATTACTAGATGCATCTCTTGAATGCATCTAGTAATGCTAGGGCGG	Hs.78518	10905	-0.89875	0.97795425	0.074221566	-0.4454125	0.53961092	0.148063067										
NR1I2	A3009936_bp2326_R	AGCTAAAAGACACTACCTTCTCCCATTTCTCTCTTGAAGAAATGGGAGAAGGTAGTGTCGG	Hs.7303	3778								-0.09205	0.34477987	0.686034364						
NR1I2	A3009936_bp2326_R	AGCTAAAAGACACTACCTTCTCCCATTTCTCTCTTGAAGAAATGGGAGAAGGTAGTGTCGG	Hs.7303	9154								-0.1621	0.18985236	0.43063714						
NR1I2	A3009936_bp2326_R	AGCTAAAAGACACTACCTTCTCCCATTTCTCTCTTGAAGAAATGGGAGAAGGTAGTGTCGG	Hs.7303	14530	0.05135	0.36875619	0.86593994					-0.078625	0.19001795	0.696349346						
NR1I2	A3009936_bp2568_R	AGCTAAAAAGCTGACATGTCAACCTACATTCTCTTGAAATGTAGGTTGACATGTCAGCCGG	Hs.7303	3774	-0.5057125	0.29166489	0.031869007					-0.11935	0.59405145	0.67982281						
NR1I2	A3009936_bp2568_R	AGCTAAAAAGCTGACATGTCAACCTACATTCTCTTGAAATGTAGGTTGACATGTCAGCCGG	Hs.7303	9150	-0.4926875	0.30655815	0.037487563					0.043925	0.35267323	0.847277465						
NR1I2	A3009936_bp2568_R	AGCTAAAAAGCTGACATGTCAACCTACATTCTCTTGAAATGTAGGTTGACATGTCAGCCGG	Hs.7303	14526	-0.5062125	0.21162035	0.021194016					-0.230525	0.3629885	0.335823274						
NR1I2	A3009936_bp2934_R	AGCTAAAAACAGGAGCAATTCGCCATTACTCTCTTGAAGTAATGGCGAATTGCTCCTGCGG	Hs.7303	3776								-0.071775	0.42795721	0.769790402						
NR1I2	A3009936_bp2934_R	AGCTAAAAACAGGAGCAATTCGCCATTACTCTCTTGAAGTAATGGCGAATTGCTCCTGCGG	Hs.7303	9152	1.6164							-0.10275	0.34649627	0.652882131						
NR1I2	A3009936_bp2934_R	AGCTAAAAACAGGAGCAATTCGCCATTACTCTCTTGAAGTAATGGCGAATTGCTCCTGCGG	Hs.7303	14528								-0.084775	0.35199077	0.711158053						
NR3C1	NM_000176_bp1114_R	AGCTAAAAGGAGGACAGATGTACCACTATTTCTCTTGAAATAGTGGTACATCTGTCCTCCGG	Hs.12926	4954	0.7840625	0.73880024	0.054318537	-0.4599375	1.45825002	0.487923971										
NR3C1	NM_000176_bp1114_R	AGCTAAAAGGAGGACAGATGTACCACTATTTCTCTTGAAATAGTGGTACATCTGTCCTCCGG	Hs.12926	10330	0.7999375	0.71878073	0.04755593	-0.4474125	1.35749096	0.471148969										
NR3C1	NM_000176_bp1114_R	AGCTAAAAGGAGGACAGATGTACCACTATTTCTCTTGAAATAGTGGTACATCTGTCCTCCGG	Hs.12926	15706	0.8794125	0.77104175	0.042404234	-0.3935625	1.49930225	0.559875665										
NR3C1	NM_000176_bp2002_R	AGCTAAAAGCTCCTGATCTGATTATTAATTCTCTTGAAATTAATAATCAGATCAGGAGCGG	Hs.12926	4952	-0.1711625	0.43989745	0.4593671	0.4028875	0.38812088	0.111217594										
NR3C1	NM_000176_bp2002_R	AGCTAAAAGCTCCTGATCTGATTATTAATTCTCTTGAAATTAATAATCAGATCAGGAGCGG	Hs.12926	10328	-0.1317125	0.30427795	0.48508866	0.1916875	0.41532233	0.413949825										
NR3C1	NM_000176_bp2002_R	AGCTAAAAGCTCCTGATCTGATTATTAATTCTCTTGAAATTAATAATCAGATCAGGAGCGG	Hs.12926	15704	-0.0878375	0.43540485	0.696160718	0.3117625	0.3716252	0.184762126										
NR3C1	NM_000176_bp238_R	AGCTAAAAAGGAGCTACTGTGAAGGTTTCTTCTCTTGAAAGAAACCTTCACAGTAGCTCCGG	Hs.12926	4956	1.9419875	0.63194181	0.000890638	0.2340625	0.55002306	0.411975208										
NR3C1	NM_000176_bp238_R	AGCTAAAAAGGAGCTACTGTGAAGGTTTCTTCTCTTGAAAGAAACCTTCACAGTAGCTCCGG	Hs.12926	10332	2.0198625	0.53815849	0.00042155	0.2372875	0.61639448	0.443796229										
NR3C1	NM_000176_bp238_R	AGCTAAAAAGGAGCTACTGTGAAGGTTTCTTCTCTTGAAAGAAACCTTCACAGTAGCTCCGG	Hs.12926	15708	2.0380875	0.5713117	0.000496741	0.2353875	0.55947437	0.415086661										
NRBP	NM_013392_bp1271_R	AGCTAAAAGCTCTGGAATTAGATAAATTCTCTTTGAAGAATTTATCTAATTCCAGAGCGG	Hs.515876	445	-0.729825	0.76004497	0.072004924	-0.8925	1.16658181	0.181716597										
NRBP	NM_013392_bp1271_R	AGCTAAAAGCTCTGGAATTAGATAAATTCTCTTTGAAGAATTTATCTAATTCCAGAGCGG	Hs.515876	5821	-1.330375	2.10815006	0.167730816	-1.632133333	2.8985358	0.279299091										
NRBP	NM_013392_bp1271_R	AGCTAAAAGCTCTGGAATTAGATAAATTCTCTTTGAAGAATTTATCTAATTCCAGAGCGG	Hs.515876	11197	-2.175075	2.2268908	0.05447572	-2.261366667	3.74716252	0.250579803										
NRBP	NM_013392_bp519_R	AGCTAAAAGGGCTGACATTAAAGAGAACATCTCTTGAATGTTCTCTTTAATGTCAGCCCGG	Hs.515876	6950	0.671725	1.39122314	0.278773068	-1.0981	3.63514074	0.534287591										
NRBP	NM_013392_bp519_R	AGCTAAAAGGGCTGACATTAAAGAGAACATCTCTTGAATGTTCTCTTTAATGTCAGCCCGG	Hs.515876	12326	0.474025	1.17918319	0.363015638	-1.359933333	4.37793369	0.522801355										
NRBP	NM_013392_bp519_R	AGCTAAAAGGGCTGACATTAAAGAGAACATCTCTTGAATGTTCTCTTTAATGTCAGCCCGG	Hs.515876	1574																
NRBP2	NM_178564_bp1302_R	AGCTAAAAGCCAGAGCCCTTTGACTCTGATCTCTTGAATCAGAGTCAAAGGGCTCTGGCGG	Hs.521926	772	-0.8215	0.18178773	0.002520493	-1.1937	1.09133296	0.055128995										
NRBP2	NM_178564_bp1302_R	AGCTAAAAGCCAGAGCCCTTTGACTCTGATCTCTTGAATCAGAGTCAAAGGGCTCTGGCGG	Hs.521926	6148	-0.854775	0.21887176	0.002623743	-0.8891	1.22129187	0.151442948										
NRBP2	NM_178564_bp1302_R	AGCTAAAAGCCAGAGCCCTTTGACTCTGATCTCTTGAATCAGAGTCAAAGGGCTCTGGCGG	Hs.521926	11524	-0.242175	0.3817526	0.271882817	-0.8994	1.04060949	0.105012445										
NRBP2	NM_178564_bp2191_R	AGCTAAAAGGCCACCCTCTTTGACCCTTTACTCTCTTGAAGTAAAGGGTCAAAGAGGTGGCGG	Hs.521926	773	-0.654975	0.21908329	0.008139943	-0.0486	0.29353852	0.794817975										
NRBP2	NM_178564_bp2191_R	AGCTAAAAGGCCACCCTCTTTGACCCTTTACTCTCTTGAAGTAAAGGGTCAAAGAGGTGGCGG	Hs.521926	6149	-0.4735	0.18916995	0.024197992	0.546233333	0.1972024	0.052828262										
NRBP2	NM_178564_bp2191_R	AGCTAAAAGGCCACCCTCTTTGACCCTTTACTCTCTTGAAGTAAAGGGTCAAAGAGGTGGCGG	Hs.521926	11525	-0.230725	0.32614582	0.257433758	0.710366667	0.29785937	0.035550711										
NRBP2	NM_178564_bp811_R	AGCTAAAAGCAGCAGGCTGTACTGGAAATCTCTTGAAGATTCCAGTACAGCCATCTCGG	Hs.521926	774	0.299775	0.70056215	0.36367766	0.271375	0.46900005	0.298372085										
NRBP2	NM_178564_bp811_R	AGCTAAAAGCAGCAGGCTGTACTGGAAATCTCTTGAAGATTCCAGTACAGCCATCTCGG	Hs.521926	11526	0.8668	0.48465605	0.028328747	0.4301	0.79170724	0.276968838										
NRBP2	NM_178564_bp811_R	AGCTAAAAGCAGCAGGCTGTACTGGAAATCTCTTGAAGATTCCAGTACAGCCATCTCGG	Hs.521926	6150	1.0721	0.85717067	0.050120386	0.5247	0.77441172	0.246893281										
NRG2	NM_013982_bp1064_R	AGCTAAAAGCCGAGACATTCGCATCAAATTCTCTTGAATTTGATGCGAATGTCTCGGCGG	Hs.408515	3196								-0.4186		0.4234	0.48768604	0.271542341	0.28115	0.39019197	0.245211302	
NRG2	NM_013982_bp1064_R	AGCTAAAAGCCGAGACATTCGCATCAAATTCTCTTGAATTTGATGCGAATGTCTCGGCGG	Hs.408515	8572	-0.095833333	0.25372001	0.65089393					-0.3301		0.307633333	0.45736246	0.364171174	0.3358	0.48086983	0.256913772	
NRG2	NM_013982_bp1064_R	AGCTAAAAGCCGAGACATTCGCATCAAATTCTCTTGAATTTGATGCGAATGTCTCGGCGG	Hs.408515	13948	-0.055333333	0.37788269	0.819414545					-0.4151		0.5309	0.52559145	0.22230217	0.318275	0.48382648	0.279798723	
NRG2	NM_013982_bp1416_R	AGCTAAAAGCACCTTGGATTTGAATTAAATCTCTTGAATTTAATTCAAATCCAAAGTGCGG	Hs.408515	3168								-0.4942		-0.093025	0.41751275	0.686070851	0.0726	0.12936414	0.343414474	
NRG2	NM_013982_bp1416_R	AGCTAAAAGCACCTTGGATTTGAATTAAATCTCTTGAATTTAATTCAAATCCAAGTGCGG	Hs.408515	8544								-0.4873		-0.0477	0.30094835	0.809436503	0.112325	0.1861231	0.313922811	
NRG2	NM_013982_bp1416_R	AGCTAAAAGCACCTTGGATTTGAATTAAATCTCTTGAATTTAATTCAAATCCAAGTGCGG	Hs.408515	13920								-0.5234		-0.024333333	0.1957995	0.849525683	0.0492	0.11687224	0.461640108	
NRG2	NM_013982_bp828_R	AGCTAAAAGGAACAACCCCTTAGTCTTTAATCTCTTGAATTAAAGACTAAGGGCTGTTCCGG	Hs.408515	3194	-0.902133333	0.37695236	0.016308041					-0.169435	0.15936012	0.403205629	0.2763	0.68382291	0.478166797	0.550875	0.41174537	0.075317244
NRG2	NM_013982_bp828_R	AGCTAAAAGGAACAACCCCTTAGTCTTTAATCTCTTGAATTAAAGACTAAGGGCTGTTCCGG	Hs.408515	8570	-0.987933333	0.54071107	0.023127411					-0.3004375	0.09733188	0.15172777	0.441875	0.66535851	0.276107923	0.5949	0.28148545	0.02421944
NRG2	NM_013982_bp828_R	AGCTAAAAGGAACAACCCCTTAGTCTTTAATCTCTTGAATTAAAGACTAAGGGCTGTTCCGG	Hs.408515	13946	-0.864866667	0.41779804	0.022050112					-0.3052375	0.07988401	0.144413465	0.4229	0.59501699	0.2503025	0.58245	0.35778956	0.047280631
NRIP1	NM_003489_bp2514_R	AGCTAAAAGAGAAGGCTTAAGTGAACAATCTCTTGAATTGTTCACTTAAAGCTCTGGCCGG	Hs.155017	3165	0.99535	0.6711524	0.018487813					0.18805	0.49571672	0.480731577						
NRIP1	NM_003489_bp2514_R	AGCTAAAAGAGAAGGCTTAAGTGAACAATCTCTTGAATTGTTCACTTAAAGCTCTCTCGG	Hs.155017	8541	1.503825	0.53843426	0.001651361					-0.313125	0.74758959	0.36263653						
NRIP1	NM_003489_bp2514_R	AGCTAAAAGAGAAGGCTTAAGTGAACAATCTCTTGAATTGTTCACTTAAAGCTCTCTCGG	Hs.155017	13917	1.39575	0.65206464	0.004339107					-0.03225	0.57165391	0.908644395						
NRIP1	NM_003489_bp3257_R	AGCTAAAAGCCCCAGCAGTTGCATGGATAATCTCTTGAATTATCCATGCAACTGCTGGGCGG	Hs.155017	3161	1.285975	0.84000827	0.014239009					-0.147375	0.31147762	0.510151187						
NRIP1	NM_003489_bp3257_R	AGCTAAAAGCCCCAGCAGTTGCATGGATAATCTCTTGAATTATCCATGCAACTGCTGGGCGG	Hs.155017	8537	1.036175	0.78885207	0.025921289					0.0834	0.31681866	0.707054173						
NRIP1	NM_003489_bp3257_R	AGCTAAAAGCCCCAGCAGTTGCATGGATAATCTCTTGAATTATCCATGCAACTGCTGGGCGG	Hs.155017	13913	1.138275	0.83735559	0.022226332					-0.023425	0.25474541	0.911027376						
NRIP1	NM_003489_bp814_R	AGCTAAAAAGGTGCTATGGTGTTGCATCAATCTCTTGAATTGATGCAACACCATAGCACCGG	Hs.155017	3163	4.143775	0.71299622	3.76E-05					0.29455	0.3116021	0.211028773						
NRIP1	NM_003489_bp814_R	AGCTAAAAAGGTGCTATGGTGTTGCATCAATCTCTTGAATTGATGCAACACCATAGCACCGG	Hs.155017	8539	4.126925	0.62168066	2.24E-05					0.3577	0.33384752	0.146351277						
NRIP1	NM_003489_bp814_R	AGCTAAAAAGGTGCTATGGTGTTGCATCAATCTCTTGAATTGATGCAACACCATAGCACCGG	Hs.155017	13915	4.30035	0.88937096	7.84E-05					0.297725	0.34524491	0.218670607						
NRK	NM_198465_bp2072_R	AGCTAAAAAGCCCCTGCTATCACAAGATCATCTCTTGAATGATCTTGTGATAGCAGGGGCGG	Hs.209527	1976	-2.2775			-0.358866667	0.99229961	0.489041105										
NRK	NM_198465_bp2072_R	AGCTAAAAAGCCCCTGCTATCACAAGATCATCTCTTGAATGATCTTGTGATAGCAGGGGCGG	Hs.209527	7352	-2.6132			0.380325	1.37820684	0.542284326										
NRK	NM_198465_bp2072_R	AGCTAAAAAGCCCCTGCTATCACAAGATCATCTCTTGAATGATCTTGTGATAGCAGGGGCGG	Hs.209527	12728	-2.4547			0.270875	1.15

NTRK2	NM_006180_bp863_R	AGCTAAAAAGACGAGTTTGTCTAGGAAACATCTCTTGAATGTTTCCTAGACAAACTCGTCGG	Hs.49431	11216	2.290975	3.04434359	0.110667501	-0.632966667	3.16113408	0.675714191								
NTRK3	NM_002530_bp1446_R	AGCTAAAAAGGGGTATCCATAGCAGTTGGATCTCTTGAATCCAACTGCTATGGATACCCCGG	Hs.41069	1737	0.5083			-0.37415	0.22125371	0.268504758								
NTRK3	NM_002530_bp1446_R	AGCTAAAAAGGGGTATCCATAGCAGTTGGATCTCTTGAATCCAACTGCTATGGATACCCCGG	Hs.41069	7113	0.3089			-0.3578	0.20576807	0.281457743								
NTRK3	NM_002530_bp1446_R	AGCTAAAAAGGGGTATCCATAGCAGTTGGATCTCTTGAATCCAACTGCTATGGATACCCCGG	Hs.41069	12489	0.6183			-0.30195	0.31374328	0.377083773								
NTRK3	NM_002530_bp1493_R	AGCTAAAAAGGTGGTTCTCTTCGTCATGATTCTCTTGAAATCATGACGAAGAGAACCACCGG	Hs.41069	192	-0.491425	0.41448844	0.062522353	-0.5907625	0.39487604	0.040001213								
NTRK3	NM_002530_bp1493_R	AGCTAAAAAGGTGGTTCTCTTCGTCATGATTCTCTTGAAATCATGACGAAGAGAACCACCGG	Hs.41069	5568	-0.4323	0.4039127	0.086024746	-0.5447875	0.34086643	0.039578993								
NTRK3	NM_002530_bp1493_R	AGCTAAAAAGGTGGTTCTCTTCGTCATGATTCTCTTGAAATCATGACGAAGAGAACCACCGG	Hs.41069	10944	-0.494066667	0.20432353	0.05680355	-0.5535875	0.5230709	0.083299306								
NTRK3	NM_002530_bp530_R	AGCTAAAAAGAACCCCCATTTGCGTTATATTCTCTTGAAATATACGCAAATGGGGGTTCGG	Hs.41069	1739	-0.501366667	1.00175671	0.318797086	-0.3344875	0.29062568	0.121135818								
NTRK3	NM_002530_bp530_R	AGCTAAAAAGAACCCCCATTTGCGTTATATTCTCTTGAAATATACGCAAATGGGGGTTCGG	Hs.41069	7115	-0.438266667	1.14711238	0.42687684	-0.3175375	0.25103841	0.118382082								
NTRK3	NM_002530_bp530_R	AGCTAAAAAGAACCCCCATTTGCGTTATATTCTCTTGAAATATACGCAAATGGGGGTTCGG	Hs.41069	12491	-0.463233333	1.06458708	0.37502891	-0.3208375	0.33616755	0.155819785								
OACT2	NM_138799_bp1008_R	AGCTAAAAAGGACGCTAGCTGATGCCATTATCTCTTGAATAATGGCATCAGCTAGCGTCCGG	Hs.46764	3801	0.3872	0.38861711	0.108072754				0.0196625	0.62966606	0.947226356					
OACT2	NM_138799_bp1008_R	AGCTAAAAAGGACGCTAGCTGATGCCATTATCTCTTGAATAATGGCATCAGCTAGCGTCCGG	Hs.46764	9177	0.471775	0.24469454	0.031980624				0.1133625	0.47858036	0.661312365					
OACT2	NM_138799_bp1008_R	AGCTAAAAAGGACGCTAGCTGATGCCATTATCTCTTGAATAATGGCATCAGCTAGCGTCCGG	Hs.46764	14553	0.486175	0.32496741	0.042840703				0.1175625	0.56400846	0.675642208					
OACT2	NM_138799_bp1083_R	AGCTAAAAAGGGACTTAATTTCCAATTTGATCTCTTGAATCAAATTGGAAATTAAGTCCCGG	Hs.46764	3799	-0.085925	0.09385811	0.550445692				0.0331875	0.25536771	0.874339608					
OACT2	NM_138799_bp1083_R	AGCTAAAAAGGGACTTAATTTCCAATTTGATCTCTTGAATCAAATTGGAAATTAAGTCCCGG	Hs.46764	9175	-0.062325	0.09969648	0.663538808				0.1163375	0.18537204	0.56556704					
OACT2	NM_138799_bp1083_R	AGCTAAAAAGGACTTAATTTCCAATTTGATCTCTTGAATCAAATTGGAAATTAAGTCCCGG	Hs.46764	14551	-0.03552	0.06884362	0.798617148				0.0879125	0.3192998	0.692815888					
OACT2	NM_138799_bp527_R	AGCTAAAAAGGCCCAATGATGATCATTACTTCTCTTGAAAGTAATGATCATCATTGGGCCGG	Hs.46764	3797	0.921	0.56682834	0.015152497				0.8467125	0.53251992	0.016846068					
OACT2	NM_138799_bp527_R	AGCTAAAAAGGCCCAATGATGATCATTACTTCTCTTGAAAGTAATGATCATCATTGGGCCGG	Hs.46764	9173	0.96465	0.41055144	0.005241837				0.8914125	0.6807681	0.024226703					
OACT2	NM_138799_bp527_R	AGCTAAAAAGGCCCAATGATGATCATTACTTCTCTTGAAAGTAATGATCATCATTGGGCCGG	Hs.46764	14549	0.832275	0.40321705	0.009215226				1.0638375	0.53725601	0.006304431					
OAS1	NM_016816_bp503_R	AGCTAAAAGTCAGTTGACTGGCAGCTATATCTCTTGAATATAGCTGCCAGTCAACTGACGG	Hs.52760	2002	-0.6821375	0.16407046	0.005128977				-0.2561125	0.58418856	0.383750318					
OAS1	NM_016816_bp503_R	AGCTAAAAGTCAGTTGACTGGCAGCTATATCTCTTGAATATAGCTGCCAGTCAACTGACGG	Hs.52760	7378	-1.0259875	0.20952839	0.001089658				-0.6408125	0.44131275	0.035186188					
OAS1	NM_016816_bp503_R	AGCTAAAAGTCAGTTGACTGGCAGCTATATCTCTTGAATATAGCTGCCAGTCAACTGACGG	Hs.52760	12754	-0.71975	0.00280223	0.012413385				-0.41446667	0.37327761	0.177061145					
OAS1	NM_016816_bp848_R	AGCTAAAAAGACAAAGTATTATGACTTTATCCTCTTGAATAAAGTCATAATACTTTGTCCGG	Hs.52760	2000	-0.7419875	0.34268866	0.010183602				-0.0341375	1.81742956	0.960567847					
OAS1	NM_016816_bp848_R	AGCTAAAAAGACAAAGTATTATGACTTTATCCTCTTGAATAAAGTCATAATACTTTGTCCGG	Hs.52760	7376	-0.7180375	0.39460381	0.015629923				-0.0070625	1.46245731	0.990055194					
OAS1	NM_016816_bp848_R	AGCTAAAAAGACAAAGTATTATGACTTTATCCTCTTGAATAAAGTCATAATACTTTGTCCGG	Hs.52760	12752	-0.4965375	0.31568507	0.038217445				-0.0839625	0.69710244	0.791413234					
OAS2	NM_002535_bp1533_R	AGCTAAAAGGCTCATTGATCTGTATAAATTCTCTTGAAATTTATACAGATCAATGAGCCGG	Hs.41432	1996	0.1139625	0.40230212	0.597459471				-0.0588625	0.39458715	0.804138062					
OAS2	NM_002535_bp1533_R	AGCTAAAAGGCTCATTGATCTGTATAAATTCTCTTGAAATTTATACAGATCAATGAGCCGG	Hs.41432	7372	0.1062125	0.39813073	0.61985074				0.0121125	0.33371004	0.956852723					
OAS2	NM_002535_bp1533_R	AGCTAAAAGGCTCATTGATCTGTATAAATTCTCTTGAAATTTATACAGATCAATGAGCCGG	Hs.41432	12748	0.0753875	0.43358157	0.736300705				0.0455875	0.29942343	0.834124539					
OAS2	NM_002535_bp1846_R	AGCTAAAAGAAGGTCAATTACAACTTTGATCCTCTTGAATCAAAGTTGTAATTGACCTTCGG	Hs.41432	1056	0.2688875	0.1933487	0.131574513				0.6171375	0.26623084	0.022357471					
OAS2	NM_002535_bp1846_R	AGCTAAAAGAAGGTCAATTACAACTTTGATCCTCTTGAATCAAAGTTGTAATTGACCTTCGG	Hs.41432	6432	0.0101625	0.19615576	0.948578289				0.6065875	0.30223977	0.026824981					
OAS2	NM_002535_bp1846_R	AGCTAAAAGAAGGTCAATTACAACTTTGATCCTCTTGAATCAAAGTTGTAATTGACCTTCGG	Hs.41432	11808	0.1835625	0.17339156	0.263081566				0.6260125	0.28442405	0.022399653					
OAS2	NM_002535_bp461_R	AGCTAAAAAGCTCTGAGCTTAAATGATAATTCTCTTGAAATTATCATTTAAGCTCAGAGCGG	Hs.41432	1998	-1.2326875	0.05058594	0.000223145				-0.3818875	0.15743135	0.08839645					
OAS2	NM_002535_bp461_R	AGCTAAAAAGCTCTGAGCTTAAATGATAATTCTCTTGAAATTATCATTTAAGCTCAGAGCGG	Hs.41432	7374	-1.2507375	0.03978746	0.000203911				-0.3509625	0.17774321	0.114527255					
OAS2	NM_002535_bp461_R	AGCTAAAAAGCTCTGAGCTTAAATGATAATTCTCTTGAAATTATCATTTAAGCTCAGAGCGG	Hs.41432	12750	-1.1996375	0.05191845	0.000254822				-0.2898125	0.20298544	0.184596172					
OBFC2A	AL832659_bp1274_R	AGCTAAAAAGCTCTAACATGTATTATCAATCTCTTGAATTGATAATACATGTTAGGAGCCGG	Hs.59161	4060	0.3053125	0.47840039	0.233943167				0.458825	0.69028435	0.178645709					
OBFC2A	AL832659_bp1274_R	AGCTAAAAAGCTCTAACATGTATTATCAATCTCTTGAATTGATAATACATGTTAGGAGCCGG	Hs.59161	9436	0.4316625	0.43946281	0.099014891				0.339175	0.56713664	0.252633334					
OBFC2A	AL832659_bp1274_R	AGCTAAAAAGCTCTAACATGTATTATCAATCTCTTGAATTGATAATACATGTTAGGAGCCGG	Hs.59161	14812	0.4884875	0.50693009	0.091874288				0.0546	0.15629321	0.78149996					
OBFC2A	AL832659_bp1385_R	AGCTAAAAAGGGGAGTTATAAAGTTATGATCTCTTGAAGTCATAAACTTTATAACCCCCCGG	Hs.59161	4032	-0.7749	0.04977178	0.009886612				-0.8265575	0.40824414	0.011202937					
OBFC2A	AL832659_bp1385_R	AGCTAAAAAGGGGAGTTATAAAGTTATGATCTCTTGAAGTCATAAACTTTATAACCCCCCGG	Hs.59161	9408	-0.54145	0.24685098	0.124673174				-0.61765	0.21490914	0.01911887					
OBFC2A	AL832659_bp1385_R	AGCTAAAAAGGGGAGTTATAAAGTTATGATCTCTTGAATCATAACTTTATAACCCCCCGG	Hs.59161	14784	-0.51995	1.17048345	0.124327694				-0.725575	0.19074848	0.008981142					
OBFC2A	AL832659_bp1655_R	AGCTAAAAAGCACCTTATTCACAGAAATATATCTCTTGAATATTTCTGAATCAGGTCGCGG	Hs.59161	4058	-0.6324125	0.14920651	0.006554407				-0.535125	0.48781291	0.031110458					
OBFC2A	AL832659_bp1655_R	AGCTAAAAAGCACCTTATTCACAGAAATATATCTCTTGAATATATTTCTGAATCAGGTCGCGG	Hs.59161	9434	-0.5908875	0.1569242	0.008968816				-0.5478	0.14081574	0.025759832					
OBFC2A	AL832659_bp1655_R	AGCTAAAAAGCACCTTATTCACAGAAATATATCTCTTGAATATATTTCTGAATAAAGCTGCGG	Hs.59161	14810	-0.5637875	0.08990738	0.008350625				-0.434925	0.14841598	0.058995636					
OSBPL10	NM_017784_bp1249_R	AGCTAAAAAGGACGTGCCTCAACTTGTTATCTCTTGAATAACAAGTTGAGGCACTCCCCGG	Hs.150122	3438	-1.0173	0.6078354	0.012656149				0.4506625	1.07952584	0.323995575	0.08015	0.17771035	0.433526896	1.123825	0.55973915	0.027725672
OSBPL10	NM_017784_bp1249_R	AGCTAAAAAGGGGAGTGCCTCAACTTGTTATCTCTTGAATAACAAGTTGAGGCACTCCCCGG	Hs.150122	8814	-0.31305						0.1047375	0.36266933	0.65146835	0.059466667	0.21440488	0.6783592	1.036925	0.474493	0.022155917
OSBPL10	NM_017784_bp1249_R	AGCTAAAAAGGGGAGTGCCTCAACTTGTTATCTCTTGAATAACAAGTTGAGGCACTCCCCGG	Hs.150122	14190	-0.864575	0.66939907	0.030395214				0.0586625	0.39327121	0.804550956	-0.007325	0.07368493	0.855115578	1.120025	0.54472478	0.026044772
OSBPL10	NM_017784_bp795_R	AGCTAAAAAGCTGTGGTGTACTCTGCTAATCTCTTGAATTAGCAGAGTACACCACCACGGG	Hs.150122	3440	-0.142375	0.19497625	0.385111004				0.16535	1.42206245	0.79166173	-0.293325	0.39984104	0.238604239	0.3082	0.35935481	0.275730832
OSBPL10	NM_017784_bp795_R	AGCTAAAAAGCTGGTGGTGTACTCTGCTAATCTCTTGAATTAGCAGAGTACACCACCACGGG	Hs.150122	8816	0.77095	0.71981582	0.053550071				0.3162			-0.311	0.445978	0.257440244	0.3505	0.37447204	0.246430753
OSBPL10	NM_017784_bp795_R	AGCTAAAAAGCTGGTGGTGTACTCTGCTAATCTCTTGAATTAGCAGAGTACACCACCACGGG	Hs.150122	14192	0.421075	0.469981	0.117510934				0.9797			-0.203325	0.41292316	0.397331928	0.3594	0.40723006	0.265958544
OSBPL10	NM_017784_bp876_R	AGCTAAAAAGCTTCGAGCTTGTGCCAAATATCTCTTGAATATTTGGCACAAGCTCGAAGCCGG	Hs.150122	3436	0.986433333	0.50200132	0.020055668				0.1028125	0.54682658	0.709394425	-0.0996	0.34436668	0.603524839	0.443466667	0.23502796	0.082241124
OSBPL10	NM_017784_bp876_R	AGCTAAAAAGCTTCGAGCTTGTGCCAAATATCTCTTGAATATTTGGCACAAGCTCGAAGCCGG	Hs.150122	8812	0.891475	0.26915721	0.002985415				-0.1380625	0.33100981	0.543026931	-0.014775	0.29061198	0.92542426	0.524766667	0.12502161	0.018399247
OSBPL10	NM_017784_bp876_R	AGCTAAAAAGCTTCGAGCTTGTGCCAAATATCTCTTGAATATTTGGCACAAGCTCGAAGCCGG	Hs.150122	14188	0.3135	1.07801808	0.504634243				-0.034862	0.34304469	0.877385036	-0.022125	0.30807319	0.894894487	0.455433333	0.13622446	0.028551154
OSBPL3	NM_145323_bp553_R	AGCTAAAAAGAGCCACCAGTTCAGAAAGGATCTCTTGAATCCTTTCTGAACTGGTGGCTCGG		3462	-0.148175	0.18411696	0.361457244				-0.0875625	0.87140832	0.813243391						
OSBPL3	NM_145323_bp553_R	AGCTAAAAAGAGCCACCAGTTCAGAAAGGATCTCTTGAATCCTTTCTGAACTGGTGGCTCGG		8838	-0.27155	0.33650646	0.198722816				-0.0379875	0.52083378	0.887110213						
OSBPL3	NM_145323_bp553_R	AGCTAAAAAGAGCCACCAGTTCAGAAAGGATCTCTTGAATCCTTTCTGAACTGGTGGCTCGG		14214	0.1385	0.24800529	0.428854745				0.0713375	0.41232114	0.767826122						
OSBPL3	NM_145323_bp947_R	AGCTAAAAAGTAGGAAGCGTAGCAGTATATCTCTTGAAATATACTGCTACGCTTCCTACGG		8836	2.317725	1.02425472	0.002556892				0.7165125	1.41835826	0.223947656						
OSBPL3	NM_145323_bp947_R	AGCTAAAAAGTAGGAAGCGTAGCAGTATATCTCTTGAAATATACTGCTACGCTTCCTACGG		14212	2.9132	1.7898106	0.008956584				0.8854375	1.68322017	0.200918229						
OSBPL3	NM_145323_bp947_R	AGCTAAAAAGTAGGAAGCGTAGCAGTATATCTCTTGAAATATACTGCTACGCTTCCTACGG		3460	2.8845	1.79519821	0.009430117				0.15425	0.55956165	0.633762257						
OTUB1	AK091830_bp1897_R	AGCTAAAAAGCTTGCCTCCTGGATCTTTGTTCTCTTGAAACAAAGATCCAGGAGGCAAGCGGG	Hs.473788	4133	-0.4637875	0.45478232	0.08681857				-0.6032	0.30145367	0.027333902						
OTUB1	AK091830_bp1897_R	AGCTAAAAAGCTTGCCTCCTGGATCTTTGTTCTCTTGAAACAAAGATCCAGGAGGCAAGCGGG	Hs.473788	9509	-0.3489375	0.39261792	0.140403948				-0.52805	0.22899279	0.03616098						
OTUB1	AK091830_bp1897_R	AGCTAAAAAGCTTGCCTCCTGGATCTTTGTTCTCTTGAAACAAAGATCCAGGAGGCAAGCGGG	Hs.473788	14885	-0.3635375	0.41995592	0.14012293				-0.52475	0.28693448	0.043369293						
OTUB1	AK091830_bp1945_R	AGCTAAAAAGGGCCACAGATTTCCTCAAAGTCTCTTGAACTTTGAGGAAATCTGTGGCCCGG	Hs.473788	4129	-0.5638125	0.0995407	0.008608635				-0.2783	0.16074697	0.190176653						
OTUB1	AK091830_bp1945_R	AGCTAAAAAGGGCCACAGATTTCCTCAAAGTCTCTTGAACTTTGAGGAAATCTGTGGCCCGG	Hs.473788	9505	-0.5398625	0.12071724	0.011040468				-0.306075	0.15614155	0.154468945						
OTUB1	AK091830_bp1945_R	AGCTAAAAAGGGCCACAGATTTCCTCAAAGTCTCTTGAACTTTGAGGAAATCTGTGGCCCGG	Hs.473788	14881	-0.5016375	0.14245075	0.015981057				-0.30395	0.15860119	0.157384354						
OTUB1	AK091830_bp2249_R	AGCTAAAAAGCCCAAGAAGTTGAGCCATGATCTCTTGAATCATGGCTCAACTTCTTGGGCCGG	Hs.473788	4131	-0.2199875	0.49445661	0.384209525				-0.525625	0.38809756	0.058229359						
OTUB1	AK091830_bp2249_R	AGCTAAAAAGCCCAAGAAGTTGAGCCATGATCTCTTGAATCATGGCTCAACTTCTTGGGCCGG	Hs.473788	9507	-0.0980625	0.52754331	0.701483172				0.022575	0.1225682	0.906920426						
OTUB1	AK091830_bp2249_R	AGCTAAAAAGCCCAAGAAGTTGAGCCATGATCTCTTGAATCATGGCTCAACTTCTTGGGCCGG	Hs.473788	14883	-0.1105375	0.46436751	0.63855025				0.08415	0.12999996	0.666394202						
OTUB2	NM_023112_bp167_R	AGCTAAAAAGAAACATCTTTCAACCTAATATCTCTTGAATATTAGGTTGAAAGATGTTTCGG	Hs.278815	3575	-0.669925	0.23091377	0.009737303				0.1624375	1.34135205	0.758014454						
OTUB2	NM_023112_bp167_R	AGCTAAAAAGAAACATCTTTCAACCTAATATCTCTTGAATATTAGGTTGAAAGATGTTTCGG	Hs.278815	8951	-0.396675	0.34143524	0.084462338				-0.3386875	0.36029418	0.174064994						
OTUB2	NM_023112_bp167_R	AGCTAAAAAGAAACATCTTTCAACCTAATATCTCTTGAATATTAGGTTGAAAGATGTTTCGG	Hs.278815	14327	-0.62365	0.49872582	0.043373332				-0.2199875	0.18210609	0.292998644						
OTUB2	NM_023112_bp476_R	AGCTAAAAAGTGGAACTGGTAGAGAAGGATTCTCTTGAAATCCTTCTCTACCAGTTCCACGG	Hs.278815	3601	0.107525	0.26754337	0.544732135				0.0209125	0.35865385	0.927246701						
OTUB2	NM_023112_bp476_R	AGCTAAAAAGTGGAACTGGTAGAGAAGGATTCTCTTGAAATCCTTCTCTACCAGTTCCACGG	Hs.278815	8977	0.156725	0.61742827	0.588742667				0.2280375	0.31456531	0.321363348						
OTUB2	NM_023112_bp476_R	AGCTAAAAAGTGGAACTGGTAGAGAAGGATTCTCTTGAAATCCTTCTCTACCAGTTCCACGG	Hs.278815	14353	0.2829	0.36425525	0.198904757				0.1242125	0.22400578	0.550423174						
OXSR1	NM_005109_bp1264_R	AGCTAAAAAGCACCAACCATTTCTGAAAAGATCTCTTGAATCCTTTCAGAAATGGTTGGTGCGG	Hs.475970	5751	-0.420975	0.53298357	0.143971498	-0.7037	3.54544071	0.677873508								
OXSR1	NM_005109_bp1264_R	AGCTAAAAAGCACCAACCATTTCTGAAAAGATCTCTTGAATCCTTTCAGAAATGGTTGGTGCGG	Hs.475970	11127	-0.617425	0.54592131	0.054737766	-1.0345	3.71208896	0.564598438								
OXSR1	NM_005109_bp1264_R	AGCTAAAAAGCACCAACCATTTCTGAAAAGATCTCTTGAATCCTTTCAGAAATGGTTGGTGCGG	Hs.475970	375				-2.5468	4.50653294	0.314380502								
OXSR1	NM_005109_bp942_R	AGCTAAAAAGGTCCGTGGTTATGATTTCAATCTCTTGAATTGAAATCATAACCACGGACCGG	Hs.475970	376	-0.81865	0.50516793	0.017297256	1.4597	1.36195537	0.005033623								
OXSR1	NM_005109_bp942_R	AGCTAAAAAGGTCCGTGGTTATGATTTCAATCTCTTGAATTGAAATCATAACCACGGACCGG	Hs.475970	5752	-1.061925	0.39878642	0.003223835	0.688166667	0.58221303	0.096788491								
OXSR1	NM_005109_bp942_R	AGCTAAAAAGGTCCGTGGTTATGATTTCAATCTCTTGAATTGAAATCATAACCACGGACCGG	Hs.475970	11128	-1.178575	0.40111979	0.002067001	0.8969	0.4091484	0.02745755								
PACAP	NM_016459_bp390_R	AGCTAAAAAGCGAGTTGTCTACACGATGTCTCTCTTGAAGACAACTCGTCGCGGG	Hs.409563	12980	-0.77845	0.38685812	0.07064562				-0.7326125	2.18898389	0.388463891						
PACAP	NM_016459_bp390_R	AGCTAAAAAGCGAGTTGTCTACACGATGTCTCTCTTGAAGACAACTCGTGTAGACAACTCGCGG	Hs.409563	2228	-0.131						0.946966667	5.00472549	0.625689018						
PACAP	NM_016459_bp390_R	AGCTAAAAAGCGAGTTGTCTACACGATGTCTCTCTTGAAGACATCGTGTAGACAACTCGCGG	Hs.409563	7604	-0.0864						1.162666667	5.12741432	0.560798443						
PACAP	NM_016459_bp715_R	AGCTAAAAAGACTCTACCCTCCTGAAAGTCTCTTGAACTTTCAGAGGAGGGTAGAGTCGGG	Hs.409563	2230	-0.2176625	0.48432771	0.382681568				-0.3491625	0.49462703	0.211852311						
PACAP	NM_016459_bp715_R	AGCTAAAAAGACTCTACCCTCCTGAAAGTCTCTTGAACTTTCAGAGGAGGGTAGAGTCGGG	Hs.409563	7606	-0.2409625	0.46678615	0.327220401				-0.3817625	0.50506431	0.180934985						
PACAP	NM_016459_bp715_R	AGCTAAAAAGACTCTACCCTCCTGAAAGTCTCTTGAACTTTCAGAGGAGGGTAGAGTCGGG	Hs.409563	12982	0.4182125	0.42319147	0.101099085				-0.2674875	0.39683712	0.284007889						
PACAP	NM_016459_bp944_R	AGCTAAAAAGTGCAGACATTGGTGTTTCTGTCTCTTGAACGAAAACCCAATGTCTGCACGG	Hs.409563	879	0.5033375	0.35813805	0.044937001				-0.4467375	0.93289554	0.276356609						
PACAP	NM_016459_bp944_R	AGCTAAAAAGTGCAGACATTGGTGTTTCTGTCTCTTGAACGAAAACCCAATGTCTGCACGG	Hs.409563	6255	0.5324375	0.33220926	0.032853246				-0.4036375	0.82294833	0.27988937						
PACAP	NM_016459_bp944_R	AGCTAAAAAGTGCAGACATTGGTGTTTCTGTCTCTTGAACGAAAACCCAATGTCTGCACGG	Hs.409563	11631	0.5351875	0.34520259	0.034568937				-0.4199125	0.85531051	0.274911998						
PACE-1	NM_020423_bp1488_R	AGCTAAAAAGCCTATTAAATTTCCCATAAATCTCTTGAATTTATTGGGAAATTTAATAGGCGG	Hs.435560	629	-0.839125	0.35098796	0.00649338	-0.562525	0.11734767	0.011812012								
PACE-1	NM_020423_bp1488_R	AGCTAAAAAGCCTATTAAATTTCCCATAAATCTCTTGAATTTATTGGGAAATTTAATAGGCGG	Hs.435560	6005	-0.661725	0.24188946	0.008884389	-0.232475	0.29009346	0.247833159								
PACE-1	NM_020423_bp1488_R	AGCTAAAAAGCCTATTAAATTTCCCATAAATCTCTTGAATTTATTGGGAAATTTAATAGGCGG	Hs.435560	11381	-0.683475	0.2725754	0.009332093	-0.22215	0.18097163	0.201775181								
PACE-1	NM_020423_bp1724_R	AGCTAAAAAGCAGCTTAGATACTAAAGTAATCTCTTGAATTACTTTAGATATCTAAGCTGCGG	Hs.435560	630	0.213	0.33139951	0.29460172	0.355425	0.26820822	0.095974798								
PACE-1	NM_020423_bp1724_R	AGCTAAAAAGCAGCTTAGATACTAAAGTAATCTCTTGAATTACTTTAGATATCTAAGCTGCGG	Hs.435560	6006	0.3205	0.36720301	0.155852645	0.40415	0.2238384	0.056228424								
PACE-1	NM_020423_bp1724_R	AGCTAAAAAGCAGCTTAGATACTAAAGTAATCTCTTGAATTACTTTAGATATCTAAGCTGCGG	Hs.435560	11382	0.920925	1.20509578	0.115042175	0.693925	0.62120361	0.064352462								
PACSIN1	BC040228_bp1415_R	AGCTAAAAAGCGGGCACTCTACGACTATGATCTCTTGAATCATAGTCGTAGAGTGCCCGCGG	Hs.520087	9662	-0.297025	0.12031252	0.082896321	-0.572925	0.27171997	0.023494766	-0.4364	1.19430331	0.411882258						
PACSIN1	BC040228_bp1415_R	AGCTAAAAAGCGGGCACTCTACGACTATGATCTCTTGAATCATAGTCGTAGAGTGCCCGCGG	Hs.520087	15038	-0.51625	0.17826059	0.016782137	-0.3743	0.24558624	0.076506904	-0.49966667	1.30987481	0.384898553						
PACSIN1	BC040228_bp1415_R	AGCTAAAAAGCGGGCACTCTACGACTATGATCTCTTGAATCATAGTCGTAGAGTGCCCGCGG	Hs.520087	4286	-0.2025	0.26380968	0.27345889	-0.13475	0.14819016	0.39459464	0.9212								
PACSIN1	BC040228_bp2337_R	AGCTAAAAAGCGCCCTTCTTTCCAGCTATCATCTCTTGAATGATAGCTGGAAAGAAGGGCCGG	Hs.520087	4288	-0.595275	0.1776828	0.009619349	-0.024525	0.34597691	0.903542349	-0.4261	0.61123031	0.236149598						
PACSIN1	BC040228_bp2337_R	AGCTAAAAAGCGCCCTTCTTTCCAGCTATCATCTCTTGAATGATAGCTGGAAAGAAGGGCCGG	Hs.520087	9664	-0.509	0.2816259	0.029614551	-0.161275	0.25197403	0.32807419	-0.3335	0.68094658	0.36488344						
PACSIN1	BC040228_bp2337_R	AGCTAAAAAGCGCCCTTCTTTCCAGCTATCATCTCTTGAATGATAGCTGGAAAGAAGGGCCGG	Hs.520087	15040	-0.4466	0.34908418	0.062303904	-0.11505	0.34397727	0.513905894	-0.37183333	0.64222807	0.303882945						
PACSIN1	BC040228_bp719_R	AGCTAAAAAGCGCTACCATTTGGCTTGCAATCTCTTGAATTGCAAGCCAAATGGTAGGCCGG	Hs.520087	4284	-0.356175	0.78754096	0.330717481	-0.503275	0.23631849	0.030185367	0.2855	0.77767698	0.465350929						
PACSIN1	BC040228_bp719_R	AGCTAAAAAGCGCTACCATTTGGCTTGCAATCTCTTGAATTGCAAGCCAAATGGTAGGCCGG	Hs.520087	9660	-0.175775	0.60443558	0.539510917	-0.7683	0.75004392	0.074593044	0.140933333	0.98220133	0.751761154						
PACSIN1	BC040228_bp719_R	AGCTAAAAAGCGCTACCATTTGGCTTGCAATCTCTTGAATTGCAAGCCAAATGGTAGGCCGG	Hs.520087	15036	0.05015	0.8719339	0.894952045	-0.751525	0.3244047	0.012055897	0.602933333	0.74373848	0.146800017						
PAG1	AK000680_bp1154_R	AGCTAAAAAGCTACCCTCCTCGTAATGATCCTCTGAATCATACAGGAGGAGGGGTGACGGG	Hs.266175	3843	-1.2608375	0.36014679	0.001158016				-0.2789	0.04730659	0.173413758						
PAG1	AK000680_bp1154_R	AGCTAAAAAGCTACCCTCCTCGTAATGATCCTCTGAATCATACAGGAGGAGGGGTGACGGG	Hs.266175	9219	-1.3138875	0.51261912	0.002580413				-0.2964	0.09359729	0.15596055						
PAG1	AK000680_bp1154_R	AGCTAAAAAGCTACCCTCCTCGTAATGATCCTCTGAATCATACAGGAGGAGGGGTGACGGG	Hs.266175	14595	-1.3179875	0.46822539	0.001933964				-0.2566	0.12011997	0.214139163						
PAG1	AK000680_bp633_R	AGCTAAAAAGGAGCTGCTTGTATGAAACTTCTCTTGAAAGTTTCATACAAGCAGTCCTCGG	Hs.266175	3845	-0.8010625	0.35450067	0.008030194				-0.223975	0.15

PAK4	NM_005884_bp465_R	AGCTAAAAGCTGGACGAGTTTGAGACATTCTCTTGAAATGTTCTCAAACTCGTCCAGCGG	Hs.20447	440	-1.631666667	4.84319496	0.456099006	-1.58175	3.39192052	0.392624278											
PAK4	NM_005884_bp465_R	AGCTAAAAGCTGGACGAGTTTGAGACATTCTCTTGAAATGTTCTCAAACTCGTCCAGCGG	Hs.20447	5816	-1.7581	5.17089241	0.452084399	-3.870766667	3.79137733	0.089984823											
PAK4	NM_005884_bp465_R	AGCTAAAAGCTGGACGAGTTTGAGACATTCTCTTGAAATGTTCTCAAACTCGTCCAGCGG	Hs.20447	11192	-2.03	5.81832129	0.44095139	-4.201366667	3.6684578	0.068135518											
PAK6	NM_020168_bp156I_R	AGCTAAAACACACAGGTGTTGTGACACATTCTCTTGAAATGTGTCACAACACCTGTGTCGG	Hs.513645	1850	8.4948				-0.24425	1.23876324	0.661648989										
PAK6	NM_020168_bp156I_R	AGCTAAAACACACAGGTGTTGTGACACATTCTCTTGAAATGTGTCACAACACCTGTGTCGG	Hs.513645	7226	8.9343				0.0431	1.26250744	0.938843685										
PAK6	NM_020168_bp156I_R	AGCTAAAACACACAGGTGTTGTGACACATTCTCTTGAAATGTGTCACAACACCTGTGTCGG	Hs.513645	12602	7.17845	3.07018693	0.010857811	-0.204975	1.26627485	0.718019158											
PAK6	NM_020168_bp163I_R	AGCTAAAAGCTGGACAGCTACGTGAAGATTCTCTTGAAATCTTCACGTAGCTGTCCAGCGG	Hs.513645	606	-0.9858	0.2169027	0.001368731	0.14385	3.34918525	0.491684404											
PAK6	NM_020168_bp163I_R	AGCTAAAAGCTGGACAGCTACGTGAAGATTCTCTTGAAATCTTCACGTAGCTGTCCAGCGG	Hs.513645	5982	-0.6624	0.10852892	0.004546743	0.6514	0.09337412	0.006219563											
PAK6	NM_020168_bp163I_R	AGCTAAAAGCTGGACAGCTACGTGAAGATTCTCTTGAAATCTTCACGTAGCTGTCCAGCGG	Hs.513645	11358	-0.656525	0.19437245	0.00704186	0.58715	0.06392884	0.008520869											
PAK6	NM_020168_bp218I_R	AGCTAAAAGCATCATGGTGATTGAGATGTCTCTTGAACATCTCAATCACCATGATGCCGG	Hs.513645	607	-0.280025	0.1424286	0.009407882	0.1895	0.20833001	0.280477427											
PAK6	NM_020168_bp218I_R	AGCTAAAAGCATCATGGTGATTGAGATGTCTCTTGAACATCTCAATCACCATGATGCCGG	Hs.513645	5983	-0.04735	0.09175338	0.738383042	0.52825	0.27409906	0.031182901											
PAK6	NM_020168_bp218I_R	AGCTAAAAGCATCATGGTGATTGAGATGTCTCTTGAACATCTCAATCACCATGATGCCGG	Hs.513645	11359	0.15735	0.05445417	0.283422733	0.40925	0.24444482	0.05934806											
PAL2MO-AKAP2	A1303079_bp5431_R	AGCTAAAAGGGGGGACATTTATTCACAAATCTCTTGAATTTGTGAATAAATGTCCCCCCGG	Hs.591908	3820	0.0158875	3.32016991	0.032722595										0.4822	0.1034583	0.038850047		
PAL2MO-AKAP2	A1303079_bp5431_R	AGCTAAAAGGGGGGACATTTATTCACAAATCTCTTGAATTTGTGAATAAATGTCCCCCCGG	Hs.591908	9196	-0.0625375	0.44545354	0.783178861										0.957225	0.66986635	0.017495975		
PAL2MO-AKAP2	A1303079_bp5431_R	AGCTAAAAGGGGGGACATTTATTCACAAATCTCTTGAATTTGTGAATAAATGTCCCCCCGG	Hs.591908	14572	0.0748375	0.4782882	0.753589513										0.4991	0.49281366	0.091915186		
PAL2MO-AKAP2	A1303079_bp683_R	AGCTAAAAGCTGGGGAGAATGTGCTGCTAATCTCTTGAATTAGCAGCACATTCTCCCACCGG	Hs.591908	3818	0.1216875	0.49012724	0.618495635										0.13225	0.21909171	0.524381832		
PAL2MO-AKAP2	A1303079_bp683_R	AGCTAAAAGCTGGGGAGAATGTGCTGCTAATCTCTTGAATTAGCAGCACATTCTCCCACCGG	Hs.591908	9194	0.0410125	0.39291057	0.845221275										0.159475	0.21072786	0.443724671		
PAL2MO-AKAP2	A1303079_bp683_R	AGCTAAAAGCTGGGGAGAATGTGCTGCTAATCTCTTGAATTAGCAGCACATTCTCCCACCGG	Hs.591908	14570	-0.0126375	0.60977838	0.964333292										0.194125	0.21510203	0.358164506		
PAL2MO-AKAP2	A1303079_bp742_R	AGCTAAAAGCGCCCAGACATGACTATCAAGTCTCTTGAACTTGATAGTCATGTCTGGGCCGG	Hs.591908	3792	0.040933333	0.27541685	0.848614778										0.2197	0.54206438	0.433402673		
PAL2MO-AKAP2	A1303079_bp742_R	AGCTAAAAGCGCCCAGACATGACTATCAAGTCTCTTGAACTTGATAGTCATGTCTGGGCCGG	Hs.591908	9168	0.2626875	0.49197358	0.30504133										0.1875	0.53111962	0.496326065		
PAL2MO-AKAP2	A1303079_bp742_R	AGCTAAAAGCGCCCAGACATGACTATCAAGTCTCTTGAACTTGATAGTCATGTCTGGGCCGG	Hs.591908	14544	0.029033333	0.25270191	0.889436174										0.151875	0.5387546	0.581750322		
PAN3	NM_175854_bp596_R	AGCTAAAAGTGGGACGACTTCTTATATCTCTTGAATATAGAAGTAAGTTCGTTCCACGG	Hs.369984	5295	-0.1544125	0.31512938	0.424472418	-0.2621125	0.7975637	0.491556349											
PAN3	NM_175854_bp596_R	AGCTAAAAGTGGGACGACTTCTTATATCTCTTGAATATAGAAGTAAGTTCGTTCCACGG	Hs.369984	10671	-0.1866875	0.3278115	0.349703511	-0.2495125	0.71391837	0.472995525											
PAN3	NM_175854_bp596_R	AGCTAAAAGTGGGACGACTTCTTATATCTCTTGAATATAGAAGTAAGTTCGTTCCACGG	Hs.369984	16047	-0.2291875	0.24681566	0.213045229	-0.4026125	0.42119598	0.126499814											
PAN3	NM_175854_bp7_R	AGCTAAAAGGAGGTGCTTTAACTGATACATCTCTTGAATGTATCAGTTAAAGCACCTTCCGG	Hs.369984	5297	-0.4291125	0.13378527	0.027333053	2.01811125	0.57077937	0.001004835											
PAN3	NM_175854_bp7_R	AGCTAAAAGGAGGTGCTTTAACTGATACATCTCTTGAATGTATCAGTTAAAGCACCTTCCGG	Hs.369984	10673	-0.4171125	0.14425825	0.033141691	2.0132875	0.51876341	0.000749928											
PAN3	NM_175854_bp7_R	AGCTAAAAGGAGGTGCTTTAACTGATACATCTCTTGAATGTATCAGTTAAAGCACCTTCCGG	Hs.369984	16049	0.2322625	0.4782154	0.349454166	0.9299625	2.21813835	0.360917267											
PAPOLA	NM_032632_bp1003_R	AGCTAAAAGCATCAACTCTTGTACATAAATCTCTTGAATTTATGTACAAGAGTTGATGCGG	Hs.253726	2885	-1.04975	0.2938884	0.002177021										0.9693125	0.88607623	0.030247953		
PAPOLA	NM_032632_bp1003_R	AGCTAAAAGCATCAACTCTTGTACATAAATCTCTTGAATTTATGTACAAGAGTTGATGCGG	Hs.253726	8261	-1.120425	0.25210479	0.001213586										0.9380375	0.88568602	0.033895884		
PAPOLA	NM_032632_bp1003_R	AGCTAAAAGCATCAACTCTTGTACATAAATCTCTTGAATTTATGTACAAGAGTTGATGCGG	Hs.253726	13637	-1.0258	0.30997931	0.002710431										0.9157375	0.87759972	0.035933317		
PAPOLA	NM_032632_bp1077_R	AGCTAAAAGCCTGAAGAATGCAATCTTAATCTCTTGAATTAAGATTGCATTCTTCAGGCGG	Hs.253726	2887	0.2611	0.56902366	0.252828802										0.3498375	0.41410787	0.141067236		
PAPOLA	NM_032632_bp1077_R	AGCTAAAAGCCTGAAGAATGCAATCTTAATCTCTTGAATTAAGATTGCATTCTTCAGGCGG	Hs.253726	8263	0.2573	0.45688666	0.195286801										0.3572875	0.44716574	0.145933013		
PAPOLA	NM_032632_bp1077_R	AGCTAAAAGCCTGAAGAATGCAATCTTAATCTCTTGAATTAAGATTGCATTCTTCAGGCGG	Hs.253726	13639	0.2517	0.35791056	0.150754828										0.3853125	0.44444473	0.123169794		
PAPOLA	NM_032632_bp1521_R	AGCTAAAAGGTGATTGGGTTAGTGTTTAATCTCTTGAATTAAACACTAACCCAATCACCGG	Hs.253726	2889	0.51765																
PAPOLA	NM_032632_bp1521_R	AGCTAAAAGGTGATTGGGTTAGTGTTTAATCTCTTGAATTAAACACTAACCCAATCACCGG	Hs.253726	8265	0.64175																
PAPOLA	NM_032632_bp1521_R	AGCTAAAAGGTGATTGGGTTAGTGTTTAATCTCTTGAATTAAACACTAACCCAATCACCGG	Hs.253726	13641	0.84375																
PAPOLG	NM_002908_bp128I5_R	AGCTAAAAGATGCAGTTGTGAGAGAAATGTCTCTTGAACATTTCTCTCACAACTGCATCGG	Hs.387471	2481																	
PAPOLG	NM_002908_bp128I5_R	AGCTAAAAGATGCAGTTGTGAGAGAAATGTCTCTTGAACATTTCTCTCACAACTGCATCGG	Hs.387471	7857																	
PAPOLG	NM_002908_bp128I5_R	AGCTAAAAGATGCAGTTGTGAGAGAAATGTCTCTTGAACATTTCTCTCACAACTGCATCGG	Hs.387471	13233																	
PAPOLG	NM_002908_bp190I8_R	AGCTAAAAGTCGGGACCATCAAACAGTACTCTCTTGAAGTACTGTTTGATGGTCCCGACGG	Hs.387471	6834																	
PAPOLG	NM_002908_bp190I8_R	AGCTAAAAGTCGGGACCATCAAACAGTACTCTCTTGAAGTACTGTTTGATGGTCCCGACGG	Hs.387471	12210																	
PAPOLG	NM_002908_bp190I8_R	AGCTAAAAGTCGGGACCATCAAACAGTACTCTCTTGAAGTACTGTTTGATGGTCCCGACGG	Hs.387471	1458																	
PAPOLG	NM_002908_bp2001_R	AGCTAAAAGAGTGACTCCTTTCCATATGATCTCTTGAATCATATGGAAAGGAGTCACTCGG	Hs.387471	1457																	
PAPOLG	NM_002908_bp2001_R	AGCTAAAAGAGTGACTCCTTTCCATATGATCTCTTGAATCATATGGAAAGGAGTCACTCGG	Hs.387471	6833																	
PAPOLG	NM_002908_bp2001_R	AGCTAAAAGAGTGACTCCTTTCCATATGATCTCTTGAATCATATGGAAAGGAGTCACTCGG	Hs.387471	12209																	
PARC	A1318215_bp1004_R	AGCTAAAAAGGTCCATCTTTCAGCCCTACATCTCTTGAATGTAGGGCTGAAAGATGGACCGG	Hs.485434	3822	0.0025375	0.48775233	0.99157469										0.0142	0.28716454	0.947362667		
PARC	A1318215_bp1004_R	AGCTAAAAAGGTCCATCTTTCAGCCCTACATCTCTTGAATGTAGGGCTGAAAGATGGACCGG	Hs.485434	9198	-0.0701875	0.32912326	0.714756517										0.205825	0.59187744	0.482017691		
PARC	A1318215_bp1004_R	AGCTAAAAGGTCCATCTTTCAGCCCTACATCTCTTGAATGTAGGGCTGAAAGATGGACCGG	Hs.485434	14574	-0.0083875	0.35966214	0.96647748										0.1534	0.4897636	0.560156719		
PARC	A1318215_bp51_R	AGCTAAAAGCTGCAGGCATATCCTGAAGATCTCTGAATCTTCAGGATATGCCTGCAGCGG	Hs.485434	3824	-0.7357625	0.48741619	0.023389761										0.1999	0.32396781	0.347791533		
PARC	A1318215_bp51_R	AGCTAAAAGCTGCAGGCATATCCTGAAGATCTCTGAATCTTCAGGATATGCCTGCAGCGG	Hs.485434	9200	-0.9614875	0.30530443	0.002708058										0.163425	0.22273505	0.453210155		
PARC	A1318215_bp51_R	AGCTAAAAGCTGCAGGCATATCCTGAAGATCTCTGAATCTTCAGGATATGCCTGCAGCGG	Hs.485434	14576	-0.7869125	0.33491999	0.007663985										0.23305	0.19283054	0.270812496		
PASK	NM_015148_bp298_R	AGCTAAAAAGGAGCTCCTATTGTCTATCATTCTCTTGAATGATAGACAATAGGAGCTCCGG	Hs.397891	521	0.528325	1.62401195	0.447325368	-0.007133333	0.95766453	0.988238732											
PASK	NM_015148_bp298_R	AGCTAAAAAGGAGCTCCTATTGTCTATCATTCTCTTGAATGATAGACAATAGGAGCTCCGG	Hs.397891	5897	0.014125	1.2903778	0.979195169	-0.412266667	0.57313133	0.25329122											
PASK	NM_015148_bp298_R	AGCTAAAAAGGAGCTCCTATTGTCTATCATTCTCTTGAATGATAGACAATAGGAGCTCCGG	Hs.397891	11273	0.066175	1.98124687	0.935419506	-0.73545	0.67436774	0.172942944											
PASK	NM_015148_bp3405_R	AGCTAAAAGCGAGCTACATCTTCCGACAATCTCTTGAATTGTCGGAAGATGTAGCTCGCGG	Hs.397891	522	0.004325	0.46579453	0.985190239	0.9513	0.75583733	0.071008689											
PASK	NM_015148_bp3405_R	AGCTAAAAGCGAGCTACATCTTCCGACAATCTCTTGAATTGTCGGAAGATGTAGCTCGCGG	Hs.397891	5898	-0.301775	0.42683547	0.209450588	0.780833333	0.90858647	0.154562337											
PASK	NM_015148_bp3405_R	AGCTAAAAGCGAGCTACATCTTCCGACAATCTCTTGAATTGTCGGAAGATGTAGCTCGCGG	Hs.397891	11274	-0.43665	0.40644658	0.084569872	0.442133333	1.04103479	0.420250685											
PASK	NM_015148_bp3878_R	AGCTAAAAGAAGAAGGTGTTTCGAGTAAATCTCTTGAATTTATCTTGAAACACCTCTTCCGG	Hs.397891	1672	2.7885	2.72194399	0.046413163	-4.091033333	1.60423047	0.007046332											
PASK	NM_015148_bp3878_R	AGCTAAAAGAAGAAGGTGTTTCGAGTAAATCTCTTGAATTTATCTTGAAACACCTCTTCCGG	Hs.397891	7048	2.64	2.80620869	0.060268501	-2.718366667	1.14131451	0.009524931											
PASK	NM_015148_bp3878_R	AGCTAAAAGAAGAAGGTGTTTCGAGTAAATCTCTTGAATTTATCTTGAAACACCTCTTCCGG	Hs.397891	12424	2.35967	2.67126517	0.073584946	-2.568066667	0.82572278	0.004658118											
PAWR	NM_002583_bp1112_R	AGCTAAAAGTGAGACTGATGCAAGATAAATCTCTTGAATTTATCTTGCATCAGTCTCACGG	Hs.406074	1439	-1.042525	0.1374446	0.00100228										0.8160625	0.26209442	0.005242134		
PAWR	NM_002583_bp1112_R	AGCTAAAAGTGAGACTGATGCAAGATAAATCTCTTGAATTTATCTTGCATCAGTCTCACGG	Hs.406074	6815	-0.9794	0.13545434	0.001343546										0.6113125	0.30611702	0.020647315		
PAWR	NM_002583_bp1112_R	AGCTAAAAGTGAGACTGATGCAAGATAAATCTCTTGAATTTATCTTGCATCAGTCTCACGG	Hs.406074	12191	-0.995775	0.16755284	0.001521139										0.6712625	0.41227458	0.021476364		
PAWR	NM_002583_bp960_R	AGCTAAAAGTAGATATTCTCGAACAGATATCTCTTGAATATCTGTTCGAGAATATCTACGG	Hs.406074	2477	-0.9485	0.16618189	0.001822666										0.4137625	0.51900545	0.126197364		
PAWR	NM_002583_bp960_R	AGCTAAAAGTAGATATTCTCGAACAGATATCTCTTGAATATCTGTTCGAGAATATCTACGG	Hs.406074	7853	-0.994825	0.20402286	0.001773421										0.4458875	0.51548096	0.104983071		
PAWR	NM_002583_bp960_R	AGCTAAAAGTAGATATTCTCGAACAGATATCTCTTGAATATCTGTTCGAGAATATCTACGG	Hs.406074	13229	-1.061825	0.29988036	0.00244832										0.4474375	0.4567404	0.088952103		
PAWR	NM_002583_bp984_R	AGCTAAAAGTGGGTTCCCTAGATATAACATCTCTTGAATGTTATATCTAGGGAACCCACGG	Hs.406074	2475													1.118175	3.17261135	0.368052477		
PAWR	NM_002583_bp984_R	AGCTAAAAGTGGGTTCCCTAGATATAACATCTCTTGAATGTTATATCTAGGGAACCCACGG	Hs.406074	7851													1.074275	3.26750508	0.396325283		
PAWR	NM_002583_bp984_R	AGCTAAAAGTGGGTTCCCTAGATATAACATCTCTTGAATGTTATATCTAGGGAACCCACGG	Hs.406074	13227													1.188467	2.91678012	0.309934114		
PAXS	NM_016734_bp1046_R	AGCTAAAAGACGAAGGTATTCAGGAGTCTTCTCTTGAAAGACTCCTGAATACCTTCGTCGG	Hs.591091	3390	-0.8417	0.22041433	0.002834024										-0.2293875	0.27671325	0.304628772	0.532875	0.27050453
PAXS	NM_016734_bp1046_R	AGCTAAAAGACGAAGGTATTCAGGAGTCTTCTCTTGAAAGACTCCTGAATACCTTCGTCGG	Hs.591091	8766	-0.826025	0.20378745	0.002788609										-0.1387875	0.240367	0.511140398	0.58805	0.27195944
PAXS	NM_016734_bp1046_R	AGCTAAAAGACGAAGGTATTCAGGAGTCTTCTCTTGAAAGACTCCTGAATACCTTCGTCGG	Hs.591091	14142	-0.877775	0.28585386	0.003553479										-0.1155375	0.4696529	0.652580024	0.565675	0.25881791
PAXS	NM_016734_bp1174_R	AGCTAAAAGGAGGCAGCACTACTCAGACATTCTCTTGAAATGTCTGAGTAGTGCTGCCTCGG	Hs.591091	3386	-0.0711	0.59584084	0.798573114										-0.0499375	0.21543044	0.806686374	0.510825	0.74630757
PAXS	NM_016734_bp1174_R	AGCTAAAAGGAGGCAGCACTACTCAGACATTCTCTTGAAATGTCTGAGTAGTGCTGCCTCGG	Hs.591091	8762	-0.157875	0.49994902	0.527335278										-0.2849875	0.24771731	0.203432511	0.5596	0.68979031
PAXS	NM_016734_bp1174_R	AGCTAAAAGGAGGCAGCACTACTCAGACATTCTCTTGAAATGTCTGAGTAGTGCTGCCTCGG	Hs.591091	14138	-0.05715	0.22339622	0.728265772										-0.23648333	0.03561679	0.346232568	0.549525	0.69847988
PAXS	NM_016734_bp678_R	AGCTAAAAGCATCAAGCCTGGGGTAATTGTCTCTTGAACAATTACCCAGGCTTGATGCGG	Hs.591091	3388	-0.14845	0.29108459	0.426036892										0.3268375	0.22148342	0.146095584	0.64505	0.73839069
PAXS	NM_016734_bp678_R	AGCTAAAAGCATCAAGCCTGGGGTAATTGTCTCTTGAACAATTACCCAGGCTTGATGCGG	Hs.591091	8764	-0.178475	0.29249111	0.346351192										0.0481875	0.43114345	0.84438906	0.638325	0.79328647
PAXS	NM_016734_bp678_R	AGCTAAAAGCATCAAGCCTGGGGTAATTGTCTCTTGAACAATTACCCAGGCTTGATGCGG	Hs.591091	14140	-0.18535	0.23567295	0.294005885										-0.0403375	0.28563035	0.851250642	0.701	0.78009129
PAXS	AK094249_bp1991_R	AGCTAAAAGCAGACGGCATGTATGATAAATCTCTTGAATTTATCATACATGCCGTCTGCGG	Hs.591993	3902	-0.3119												-0.4899	0.35842551	0.06665278		
PAXS	AK094249_bp1991_R	AGCTAAAAGCAGACGGCATGTATGATAAATCTCTTGAATTTATCATACATGCCGTCTGCGG	Hs.591993	9278	-0.194525	0.81398597	0.665038343										-0.499275	0.182676	0.039529493		
PAXS	AK094249_bp1991_R	AGCTAAAAGCAGACGGCATGTATGATAAATCTCTTGAATTTATCATACATGCCGTCTGCGG	Hs.591993	14654	-0.08315	0.61567787	0.824606629										-0.4986	0.162458	0.038080603		
PAXS	AK094249_bp2673_R	AGCTAAAAGGCGGAGTTATGATACCTACATCTCTTGAATGTAGGTATCATAACTCCGCCGG	Hs.591993	3900	-0.2114125	0.15629918	0.198518696										0.089575	0.254238	0.671331603		
PAXS	AK094249_bp2673_R	AGCTAAAAGGCGGAGTTATGATACCTACATCTCTTGAATGTAGGTATCATAACTCCGCCGG	Hs.591993	9276	-0.5909125	0.64003921	0.087762572										-0.19285	0.62212958	0.520736317		
PAXS	AK094249_bp2673_R	AGCTAAAAGGCGGAGTTATGATACCTACATCTCTTGAATGTAGGTATCATAACTCCGCCGG	Hs.591993	14652	0.008016667	0.08028565	0.964654817										0.18675	0.23454817	0.381661406		
PAXS	AK094249_bp968_R	AGCTAAAAGCTGGTCCTGTTGTCCTTTATTCCCTGAAATAAAGGACAACAGGACCACCGG	Hs.591993	3898	-0.1365	0.71269293	0.780956119										-0.28387	0.25495692	0.20717679		
PAXS	AK094249_bp968_R	AGCTAAAAGCTGGTCCTGTTGTCCTTTATTCCCTGAAATAAAGGACAACAGGACCACCGG	Hs.591993	9274	-0.27785	0.3681905	0.39307017										-0.3312	0.24872846	0.148404598		
PAXS	AK094249_bp968_R	AGCTAAAAGCTGGTCCTGTTGTCCTTTATTCCCTGAAATAAAGGACAACAGGACCACCGG	Hs.591993	14650	-0.2572	0.56299842	0.490996773										-0.340575	0.30844134	0.155546557		
PBK	NM_018492_bp292_R	AGCTAAAAGCCTCTCCGTTTATGCAGAAGTCTCTTGAACTTCTGCATAAACGGAGAGGCCGG	Hs.104741	5977	-0.8229	0.41198733	0.010152191	-0.11655	0.22867145	0.500665071											
PBK	NM_018492_bp292_R	AGCTAAAAGCCTCTCCGTTTATGCAGAAGTCTCTTGAACTTCTGCATAAACGGAGAGGCCGG	Hs.104741	11353	-0.72505	0.14690288	0.003633568	-0.06085	0.25395928	0.729855415											
PBK	NM_018492_bp292_R	AGCTAAAAGCCTCTCCGTTTATGCAGAAGTCTCTTGAACTTCTGCATAAACGGAGAGGCCGG	Hs.104741	601	0.6388			-0.7085													
PBK	NM_018492_bp328_R	AGCTAAAAGGGGTAATGTGTACCTAATGTCTCTTGAACATTAGGTACACATTTACCCCCGG	Hs.104741	602	2.074175	1.78024025	0.031349752	2.226333333	0.44116318	0.00152061											
PBK	NM_018492_bp328_R	AGCTAAAAGGGGTAATGTGTACCTAATGTCTCTTGAACATTAGGTACACATTTACCCCCGG	Hs.104741	5978	1.919833333	0.75784295	0.005372929	2.4747													
PBK	NM_018492_bp328_R	AGCTAAAAGGGGTAATGTGTACCTAATGTCTCTTGAACATTAGGTACACATTTACCCCCGG	Hs.104741	11354	2.2716	1.06946335	0.003315349	2.6175													
PBK	NM_018492_bp901_R	AGCTAAAAGCCCTTACTTTGTGGGAAATGTCTCTTGAACATTTCCCACAAAGTAAGGCCGG	Hs.104741	663	-0.191033333	0.25217854	0.384685926	-0.790033333	0.38466908	0.036014669											
PBK	NM_018492_bp901_R	AGCTAAAAGCCCTTACTTTGTGGGAAATGTCTCTTGAACATTTCCCACAAAGTAAGGCCGG	Hs.104741	5979	-0.072433333	0.30230027	0.744476979	-0.57315	0.15832121	0.127823398											
PBK	NM_018492_bp901_R	AGCTAAAAGCCCTTACTTTGTGGGAAATGTCTCTTGAACATTTCCCACAAAGTAAGGCCGG	Hs.104741	11355	-0.2472	0.46312206	0.381799835	-0.8599	0.2066166	0.066041618											
PBX4	AK097427_bp1201_R	AGCTAAAAGCGTTGCTTTGTTACTGAACTCTCTTGAAGTTCAGTAACAAGCAACGGCGGG	Hs.466257	4086	-0.3842375	0.36600742	0.101216755										-0.3016	0.11782397	0.153157248		
PBX4	AK097427_bp1201_R	AGCTAAAAGCGTTGCTTTGTTACTGAACTCTCTTGAAGTTCAGTAACAAGCAACGGCGGG	Hs.466257	9462	-0.2956625	0.36512438	0.183011008										-0.218325	0.09096272	0.277192403		
PBX4	AK097427_bp1201_R	AGCTAAAAGCGTTGCTTTGTTACTGAACTCTCTTGAAGTTCAGTAACAAGCAACGGCGGG	Hs.466257	14838	-0.2803625	0.33249826	0.184869557										-0.1873	0.08169657	0.343605433		
PBX4	AK097427_bp368_R	AGCTAAAAAGCTGTCCAAATGACAATAGCATCTCTTGAATCGTTATTCATTTGGACAGCGG	Hs.466257	4090	0.2947625	0.11900416	0.084357171										0.525025	0.1651526	0.031749619		
PBX4	AK097427_bp368_R	AGCTAAAAGCTGTCCAAATGACAATAGCATCTCTTGAATCGTTATTCATTTGGACAGCGG	Hs.466257	9466	0.3408375	0.12438361	0.056363118										0.530725	0.18612557	0.031950687		
PBX4	AK097427_bp368_R	AGCTAAAAGCTGTCCAAATGACAATAGCATCTCTTGAATCGTTATTCATTTGGACAGCGG	Hs.466257	14842	0.3717875	0.10149726	0.040130854										0.569575	0.17582424	0.023858731		
PBX4	AK097427_bp858_R	AGCTAAAAAGGCTACCATTTACACGGGTAATCTCTTGAATTACCCGTGTAAATGGTAGCCCGG	Hs.466257	14840													0.175075	0.45132259	0.492602349		
PCGF3	NM_006315_bp3128_R	AGCTAAAAGGTGCTAAGCTGATAGATTTATCTCTTGAATAAATCTATCAGCTTAGCACCGG	Hs.144309	3106	-0.838075	0.38655648	0.008112052										-0.6490125	0.78283879	0.094908643	-0.259733333	0.14592787
PCGF3	NM_006315_bp3128_R	AGCTAAAAGGTGCTAAGCTGATAGATTTATCTCTTGAATAAATCTATCAGCTTAGCACCGG	Hs.144309	8482	-0.839375	0.37739258	0.007626282										0.0897875	1.51538068	0.878122725	0.0026	0.08708169
PCGF3	NM_006315_bp3128_R	AGCTAAAAGGTGCTAAGCTGATAGATTTATCTCTTGAATAAATCTATCAGCTTAGCACCGG	Hs.144309	13858	-0.7586	0.51381745	0.046963969										-0.2003125	1.50889711	0.732331515	-0.11625	0.14699965
PCGF3	NM_006315_bp908_R	AGCTAAAAGCGACCGTCTTGCATCTGAAGTCTCTTGAACTTCAGATGCAAGACGGTCGCGG	Hs.144309	3104	1.068025	1.06185057	0.055169169										0.9595625	0.75159516	0.023449834	0.14395	0.37040863
PCGF3	NM_006315_bp908_R	AGCTAAAAGCGACCGTCTTGCATCTGAAGTCTCTTGAACTTCAGATGCAAGACGGTCGCGG	Hs.144309	8480	0.3669	0.23554246	0.06793131										1.1159375	1.13481017	0.042746984	0.22705	0.47876445
PCGF3	NM_006315_bp908_R	AGCTAAAAGCGACCGTCTTGCATCTGAAGTCTCTTGAACTTCAGATGCAAGACGGTCGCGG	Hs.144309	13856	0.571325	0.32367803	0.024581803										0.8503125	1.06244686	0.085137575	0.221475	0.43191656
PCGF4	NM_005180_bp1010_R	AGCTAAAAGCAATCAACTGTGATGCACTTATCCTCTTGAATAAGTGCATCACAGTCATTGCGG	Hs.496613	8685	-0.802125	0.1507478	0.002376151										0.0304	0.18534735	0.902947305	0.858575	0.57726811
PCGF4	NM_005180_bp1010_R	AGCTAAAAGCAATCAACTGTGATGCACTTATCCTCTTGAATAAGTGCATCACAGTCATTGCGG	Hs.496613	14061	-0.622666667	0.32245637	0.042539874										-0.0435875	0.22675155	0.832088901	0.883575	0.59238388
PCGF4	NM_005180_bp1010_R	AGCTAAAAGCAATGACTGTGATGCACTTATCCTCTTGAATAAGTGCATCACAGTCATTGCGG	Hs.496613	3309	-0.762566667	0.08272026	0.010900999			

PDCD2	NM_144781_bp566_R	AGCTAAAAGACTGGAGATTGGGACATAAGTCTCTTGAACTTATTGTCCCAATCTCCAGTCGG	Hs.367900	2983	0.742075	0.5114265	0.021938642					-0.1391375	0.27609756	0.653147023							
PDCD2	NM_144781_bp566_R	AGCTAAAAGACTGGAGATTGGGACATAAGTCTCTTGAACTTATTGTCCCAATCTCCAGTCGG	Hs.367900	8359	0.7213	0.49732507	0.022771082					-0.1356875	0.24822769	0.658039121							
PDCD2	NM_144781_bp566_R	AGCTAAAAGACTGGAGATTGGGACATAAGTCTCTTGAACTTATTGTCCCAATCTCCAGTCGG	Hs.367900	13735	0.7823	0.55210037	0.022493644					-0.1506375	0.27590617	0.615934064							
PDCD2	NM_144781_bp706_R	AGCTAAAAGAAGATTACTCAGAGATTATTCTCTTGAAATAATCTCTGAGTAATCTTCCGG	Hs.367900	2981	-0.99625	0.50331069	0.01182066					0.3884625	0.61290458	0.175188085							
PDCD2	NM_144781_bp706_R	AGCTAAAAGAAGATTACTCAGAGATTATTCTCTTGAAATAATCTCTGAGTAATCTTCCGG	Hs.367900	8357	-1.17665	0.33082189	0.002019866					0.4093625	0.51507176	0.126324014							
PDCD2	NM_144781_bp706_R	AGCTAAAAGAAGATTACTCAGAGATTATTCTCTTGAAATAATCTCTGAGTAATCTTCCGG	Hs.367900	13733	-0.92755	0.58432207	0.023345901					0.3282375	0.53291619	0.20294656							
PDCD2	NM_144781_bp729_R	AGCTAAAAGGAGCATGGGTAAGCAGTTTCTCTCTTGAAGAAACTGCTTACCCATGCTCCGG	Hs.367900	2985	-0.99805							0.1339875	0.67002049	0.572502118							
PDCD2	NM_144781_bp729_R	AGCTAAAAGGAGCATGGGTAAGCAGTTTCTCTCTTGAAGAAACTGCTTACCCATGCTCCGG	Hs.367900	13737	-1.163625	0.35381326	0.002463909					0.1129375	0.67422302	0.619617005							
PDCD2	NM_144781_bp729_R	AGCTAAAAGGAGCATGGGTAAGCAGTTTCTCTCTTGAAGAAACTGCTTACCCATGCTCCGG	Hs.367900	8361																	
PDCD4	BX537500_bp116_R	AGCTAAAAGCCCTCCTGTATAATAGTTTAATCTCTTGAATTAAACTATTATACAGGAGGCGG	Hs.232543	4593	-0.0057	0.61641832	0.984041017	-0.120033333	0.29903198	0.60806025	0.120766667	0.62953774	0.72275092								
PDCD4	BX537500_bp116_R	AGCTAAAAGCCCTCCTGTATAATAGTTTAATCTCTTGAATTAAACTATTATACAGGAGGCGG	Hs.232543	9969	-0.3747	1.03292942	0.412889912	-0.07185	0.49874266	0.778961597	0.288633333	0.69675896	0.433589466								
PDCD4	BX537500_bp116_R	AGCTAAAAGCCCTCCTGTATAATAGTTTAATCTCTTGAATTAAACTATTATACAGGAGGCGG	Hs.232543	15345	-0.31395	0.77874468	0.381941417	-0.096625	0.52128964	0.715571653	0.1996	0.45278662	0.507879502								
PDCD4	BX537500_bp378_R	AGCTAAAAGCGGAAATGTTAAGAGATTTATCTCTTGAATAAATCTCTTAACATTTCCGCGG	Hs.232543	4591	-0.29065	0.61262708	0.330571069	0.07195	0.63114349	0.813863207	0.835066667	1.0563823	0.1183149								
PDCD4	BX537500_bp378_R	AGCTAAAAGCGGAAATGTTAAGAGATTTATCTCTTGAATAAATCTCTTAACATTTCCGCGG	Hs.232543	9967	-0.149275	0.44153726	0.516812927	0.0691	0.84979628	0.860059462	0.417233333	1.2444047	0.445317954								
PDCD4	BX537500_bp378_R	AGCTAAAAGCGGAAATGTTAAGAGATTTATCTCTTGAATAAATCTCTTAACATTTCCGCGG	Hs.232543	15343	0.2185	0.48835521	0.383463412	0.289925	0.76601056	0.434790971	0.563666667	1.13900632	0.284018418								
PDCD4	BX537500_bp4304_R	AGCTAAAAGGAGTTTAGCTAAATCATTAATCTCTTGAATTAATGATTTAGCTAAACTCCGG	Hs.232543	4595	-0.398	0.46426524	0.113767723	-0.96425	0.23008753	0.002573369	0.312666667	0.81073375	0.43710289								
PDCD4	BX537500_bp4304_R	AGCTAAAAGGAGTTTAGCTAAATCATTAATCTCTTGAATTAATGATTTAGCTAAACTCCGG	Hs.232543	9971	-0.196675	0.2750265	0.292881885	-1.089825	0.41391819	0.004976073	0.3737	0.62518602	0.295863357								
PDCD4	BX537500_bp4304_R	AGCTAAAAGGAGTTTAGCTAAATCATTAATCTCTTGAATTAATGATTTAGCTAAACTCCGG	Hs.232543	15347	0.21225	0.47480787	0.387868007	-0.838725	0.98408107	0.109968137	0.543233333	0.79616625	0.198049381								
PDCD8	NM_004208_bp1493_R	AGCTAAAAGCTGCATGCTTCTACGATATATCTCTTGAATATATCGTAGAAGCATGCAGCGG	Hs.424932	2182	-0.7567875	0.60700101	0.036804448					0.5673875	1.39776355	0.318660095							
PDCD8	NM_004208_bp1493_R	AGCTAAAAGCTGCATGCTTCTACGATATATCTCTTGAATATATCGTAGAAGCATGCAGCGG	Hs.424932	7558	-0.7486875	0.58237088	0.034337982					0.5852375	1.13787139	0.288074654							
PDCD8	NM_004208_bp1493_R	AGCTAAAAGCTGCATGCTTCTACGATATATCTCTTGAATATATCGTAGAAGCATGCAGCGG	Hs.424932	12934	-0.7337375	0.38599259	0.013700446					0.3957375	1.11345875	0.392690986							
PDCD8	NM_004208_bp1783_R	AGCTAAAAGCCGAGGCCTCAGAAATACTCTCTTGAAGTAATTTCTGAGGCCTCGGACGG	Hs.424932	837	-0.3780375	0.30296066	0.082341025					-0.1668625	0.32273777	0.462383098							
PDCD8	NM_004208_bp1783_R	AGCTAAAAGCCGAGGCCTCAGAAATACTCTCTTGAAGTAATTTCTGAGGCCTCGGACGG	Hs.424932	6213	-0.4395875	0.22959468	0.037758503					-0.1373625	0.23190703	0.512792784							
PDCD8	NM_004208_bp1783_R	AGCTAAAAGCCGAGGCCTCAGAAATACTCTCTTGAAGTAATTTCTGAGGCCTCGGACGG	Hs.424932	11589	-0.3718625	0.31551343	0.090544769					-0.1466875	0.22112542	0.482468314							
PDCD8	NM_004208_bp647_R	AGCTAAAAGCCAGGGTACTGATTGTATCTTCTCTTGAAAGATACAATCAGTACCCTGGCGG	Hs.424932	838	-0.9380625	0.16063614	0.001237613					-0.0898125	0.41165054	0.710573597							
PDCD8	NM_004208_bp647_R	AGCTAAAAGCCAGGGTACTGATTGTATCTTCTCTTGAAAGATACAATCAGTACCCTGGCGG	Hs.424932	6214	-0.9176125	0.23719237	0.002145231					-0.1001125	0.3918656	0.673958081							
PDCD8	NM_004208_bp647_R	AGCTAAAAGCCAGGGTACTGATTGTATCTTCTCTTGAAAGATACAATCAGTACCCTGGCGG	Hs.424932	11590	-0.9415125	0.20655501	0.001582167					-0.0535125	0.3977044	0.8220556							
PDE4D	NM_006203_bp1116_R	AGCTAAAAGAGGCTGTGTTTACAGATTTGTCTCTTGAACAAATCTGTAAACACAGCCTCGG	Hs.591763	3449	1.215775	0.4098947	0.001905519					0.1854375	0.63609965	0.541545179	1.3193	0.15576816	0.000448089	1.108875	0.38236275	0.010198429	
PDE4D	NM_006203_bp1116_R	AGCTAAAAGAGGCTGTGTTTACAGATTTGTCTCTTGAACAAATCTGTAAACACAGCCTCGG	Hs.591763	8825	1.1401	0.09372114	0.000367125					0.1113625	0.71375149	0.730341324	1.412975	0.19682912	0.000732339	1.082725	0.33249316	0.007353428	
PDE4D	NM_006203_bp1158_R	AGCTAAAAGCCAGTGCAATACATGATGTATCTCTTGAATACATCATGTATTGCACTGGCGG	Hs.591763	14201	1.020775	0.16170126	0.000844185					0.0405875	0.68234284	0.896627366	1.409575	0.22932446	0.001159358	1.125575	0.34733421	0.007455529	
PDE4D	NM_006203_bp1158_R	AGCTAAAAGCCAGTGCAATACATGATGTATCTCTTGAATACATCATGTATTGCACTGGCGG	Hs.591763	3447	1.2076	0.70302812	0.010141772					0.0886375	0.94090225	0.821431449	1.43725	0.58440647	0.016099213	0.475325	0.23821295	0.028178511	
PDE4D	NM_006203_bp1158_R	AGCTAAAAGCCAGTGCAATACATGATGTATCTCTTGAATACATCATGTATTGCACTGGCGG	Hs.591763	8823	1.0839	0.77490359	0.02088115					0.0546875	0.14972248	0.7804178	1.4129	0.57275136	0.015961575	0.5301	0.24259577	0.022161772	
PDE4D	NM_006203_bp1158_R	AGCTAAAAGCCAGTGCAATACATGATGTATCTCTTGAATACATCATGTATTGCACTGGCGG	Hs.591763	14199	1.174375	0.55030676	0.00521797					0.0972125	0.86809919	0.792653004	1.446025	0.5313174	0.01217618	0.64725	0.24670772	0.013478832	
PDE4D	NM_006203_bp2054_R	AGCTAAAAGCCTGAAGCCTGTGTCATAGATCTCTTGAATCTATGACACAGGCTTCAGGCGG	Hs.591763	3445	-0.383225	0.75702056	0.28462271					-0.2725125	0.11207657	0.189233302	0.58155	0.38509196	0.056744823	0.82025	0.33360413	0.016109601	
PDE4D	NM_006203_bp2054_R	AGCTAAAAGCCTGAAGCCTGTGTCATAGATCTCTTGAATCTATGACACAGGCTTCAGGCGG	Hs.591763	8821	-0.169875	0.27846848	0.358951021					-0.3539625	0.33819362	0.151246951	0.61755	0.34755219	0.037990015	0.85755	0.36171283	0.017790327	
PDE4D	NM_006203_bp2054_R	AGCTAAAAGCCTGAAGCCTGTGTCATAGATCTCTTGAATCTATGACACAGGCTTCAGGCGG	Hs.591763	14197	-0.520175	0.594524	0.105463732					-0.2758125	0.21780027	0.207709696	0.636875	0.39206514	0.04753192	0.8437	0.41263824	0.026431671	
PDE9A	AK127770_bp1333_R	AGCTAAAAGCCCCCTTTCCTACACATCTTCTCTCTTGAAGAAGATGTGTAGGAAAGGGGCGG	Hs.473927	4075	-0.5213375	0.29965531	0.029898111					-0.5025	0.28197843	0.049560329							
PDE9A	AK127770_bp1333_R	AGCTAAAAGCCCCCTTTCCTACACATCTTCTCTCTTGAAGAAGATGTGTAGGAAAGGGGCGG	Hs.473927	9451	-0.2607875	0.13124721	0.119131585					-0.399225	0.30364628	0.10439014							
PDE9A	AK127770_bp1333_R	AGCTAAAAGCCCCCTTTCCTACACATCTTCTCTCTTGAAGAAGATGTGTAGGAAAGGGGCGG	Hs.473927	14827	-0.2927375	0.18392196	0.10394102					-0.311925	0.25511427	0.171290044							
PDE9A	AK127770_bp1628_R	AGCTAAAAGGGACACTGCAGTTAAGATGTTATCTCTTGAATAACATCTTAACTGCAGTGCCGG	Hs.473927	4073	-0.2821375	0.64175575	0.359476623					-0.074425	0.50693205	0.778562385							
PDE9A	AK127770_bp1628_R	AGCTAAAAGGGACACTGCAGTTAAGATGTTATCTCTTGAATAACATCTTAACTGCAGTGCCGG	Hs.473927	9449	-0.1763625	0.83518562	0.633679541					-0.06995	0.20437672	0.73049241							
PDE9A	AK127770_bp1628_R	AGCTAAAAGGGACACTGCAGTTAAGATGTTATCTCTTGAATAACATCTTAACTGCAGTGCCGG	Hs.473927	14825	-0.3163875	0.4771765	0.21906653					0.5307	0.49892253	0.078424928							
PDE9A	AK127770_bp2834_R	AGCTAAAAGAGGCCTTGGGTGGACTGTTTTATCTCTTGAATAAACAGTCCACCCAAGGCTCGG	Hs.473927	4071	-0.4289125	0.22260592	0.039657897					0.173925	0.70488271	0.590128092							
PDE9A	AK127770_bp2834_R	AGCTAAAAGAGGCCTTGGGTGGACTGTTTTATCTCTTGAATAAACAGTCCACCCAAGGCTCGG	Hs.473927	9447	-0.3857375	0.22656414	0.056417027					0.153625	0.26133695	0.475695982							
PDE9A	AK127770_bp2834_R	AGCTAAAAGAGGCCTTGGGTGGACTGTTTTATCTCTTGAATAAACAGTCCACCCAAGGCTCGG	Hs.473927	14823	-0.3241875	0.28988706	0.116541512					0.080725	0.16130049	0.683750201							
PDGFA	NM_002607_bp1135_R	AGCTAAAAGACGGTCATTTACGAGATTCCTCTCTCTTGAAGGAATCTCGTAAATGACCGTCGG	Hs.591070	1054	-0.9583375	0.28725638	0.002441378					0.1184625	0.45593516	0.640195607							
PDGFA	NM_002607_bp1135_R	AGCTAAAAGACGGTCATTTACGAGATTCCTCTCTCTTGAAGGAATCTCGTAAATGACCGTCGG	Hs.591070	6430	-0.9603875	0.32021259	0.003000549					0.0879375	0.45853111	0.728137359							
PDGFA	NM_002607_bp1135_R	AGCTAAAAGACGGTCATTTACGAGATTCCTCTCTCTTGAAGGAATCTCGTAAATGACCGTCGG	Hs.591070	11806	-0.9509375	0.32579242	0.003248943					0.0844625	0.45148416	0.736670727							
PDGFA	NM_002607_bp1177_R	AGCTAAAAGCTCGCCAACTTCCTGATCTGTCTCTTGAACAGATCAGGAAGTTGGCGGACGGG	Hs.591070	1994	-1.135825	0.59803556	0.04370012					2.4483375	3.0709294	0.090318182							
PDGFA	NM_002607_bp1177_R	AGCTAAAAGCTCGCCAACTTCCTGATCTGTCTCTTGAACAGATCAGGAAGTTGGCGGACGGG	Hs.591070	7370	-0.972925	0.60765321	0.064906883					4.314725	5.60696787	0.093903439							
PDGFA	NM_002607_bp1177_R	AGCTAAAAGCTCGCCAACTTCCTGATCTGTCTCTTGAACAGATCAGGAAGTTGGCGGACGGG	Hs.591070	12746	-1.093325	0.63169384	0.051578276					4.178975	5.51157916	0.097473276							
PDGFA	NM_002607_bp1301_R	AGCTAAAAGTGGAATACGTCAGGAAGAAGTCTCTTGAACTTCTTCCTGACGTATTCCACGG	Hs.591070	1055	1.4027875	0.19178676	0.000224832					0.8468875	0.41120172	0.010196497							
PDGFA	NM_002607_bp1301_R	AGCTAAAAGTGGAATACGTCAGGAAGAAGTCTCTTGAACTTCTTCCTGACGTATTCCACGG	Hs.591070	6431	1.2332875	0.28859542	0.000784263					0.6037875	0.34831056	0.031789472							
PDGFA	NM_002607_bp1301_R	AGCTAAAAGTGGAATACGTCAGGAAGAAGTCTCTTGAACTTCTTCCTGACGTATTCCACGG	Hs.591070	11807	1.3896125	0.13766894	0.000173154					0.8551375	0.32671078	0.006870773							
PDGFB	NM_002608_bp1133_R	AGCTAAAAGATCCGCTCCTTTGATGATCTTCCTCTTGAAAGATCATCAAAGGAGCGGATCGG	Hs.1976	1051	0.2262375	0.28926571	0.242899975					-0.0681375	0.44287021	0.784089954							
PDGFB	NM_002608_bp1133_R	AGCTAAAAGATCCGCTCCTTTGATGATCTTCCTCTTGAAAGATCATCAAAGGAGCGGATCGG	Hs.1976	6427	0.2602875	0.33139683	0.212025611					-0.0779375	0.39546262	0.743341878							
PDGFB	NM_002608_bp1133_R	AGCTAAAAGATCCGCTCCTTTGATGATCTTCCTCTTGAAAGATCATCAAAGGAGCGGATCGG	Hs.1976	11803	0.2400875	0.43540962	0.309262893					-0.0903875	0.44725478	0.718060959							
PDGFB	NM_002608_bp1479_R	AGCTAAAAGTGAGAAAGATCGAGATTGTGTCTCTTGAACACAATCTCGATCTTTCTCACGG	Hs.1976	1053	0.0030625	0.14405965	0.983487248					0.3227125	0.36935395	0.195463934							
PDGFB	NM_002608_bp1479_R	AGCTAAAAGTGAGAAAGATCGAGATTGTGTCTCTTGAACACAATCTCGATCTTTCTCACGG	Hs.1976	6429	-0.0135625	0.12288536	0.925399339					0.2655375	0.37262562	0.277346055							
PDGFB	NM_002608_bp1479_R	AGCTAAAAGTGAGAAAGATCGAGATTGTGTCTCTTGAACACAATCTCGATCTTTCTCACGG	Hs.1976	11805	-0.0095625	0.16174614	0.949501712					0.2255625	0.37814774	0.351786025							
PDGFB	NM_002608_bp1550_R	AGCTAAAAGGCATGCAAGTGTGAGACAGTTCTCTCAAACTGTCTCACACTTGCATGCCCGG	Hs.1976	1052	-0.6076875	0.23431622	0.011948437					0.5670375	0.42032005	0.050200284							
PDGFB	NM_002608_bp1550_R	AGCTAAAAGGCATGCAAGTGTGAGACAGTTCTCTCAAACTGTCTCACACTTGCATGCCCGG	Hs.1976	6428	-0.6632125	0.34419661	0.015894443					0.5702375	0.42736531	0.050386338							
PDGFB	NM_002608_bp1550_R	AGCTAAAAGGCATGCAAGTGTGAGACAGTTCTCTCAAACTGTCTCACACTTGCATGCCCGG	Hs.1976	11804	-0.6676125	0.34624798	0.015682009					0.5601125	0.47144085	0.061316142							
PDGFC	AF091434_bp1412_R	AGCTAAAAGGTCCTTCAGTTGAGACCAAATCTCTTGAATTTGGTCTCAACTGAAGGACCGG	Hs.570855	3540	0.2722625	0.258538	0.156488491					0.040875	0.4131927	0.865442905							
PDGFC	AF091434_bp1412_R	AGCTAAAAGGTCCTTCAGTTGAGACCAAATCTCTTGAATTTGGTCTCAACTGAAGGACCGG	Hs.570855	8916	0.4632125	0.34473275	0.054735597					-0.045425	0.41425473	0.850824282							
PDGFC	AF091434_bp1412_R	AGCTAAAAGGTCCTTCAGTTGAGACCAAATCTCTTGAATTTGGTCTCAACTGAAGGACCGG	Hs.570855	14292	-0.0959375	0.09060033	0.50592487					0.0483	0.36765429	0.835737309							
PDGFC	AF091434_bp1440_R	AGCTAAAAGTCAGGGGATTGCACAAATCATCTCTTGAATGATTTGTGCAATCCCCTGACGG	Hs.570855	3542	1.2926125	0.94859231	0.020828798					0.184725	0.33768549	0.424079524							
PDGFC	AF091434_bp1440_R	AGCTAAAAGTCAGGGGATTGCACAAATCATCTCTTGAATGATTTGTGCAATCCCCTGACGG	Hs.570855	8918	1.4757625	0.6879197	0.004103808					0.2031	0.25955884	0.352689401							
PDGFC	AF091434_bp1440_R	AGCTAAAAGTCAGGGGATTGCACAAATCATCTCTTGAATGATTTGTGCAATCCCCTGACGG	Hs.570855	14294	1.635516667	1.17705728	0.032071007					0.085475	0.46281099	0.736429781							
PDGFD	BC030645_bp1129_R	AGCTAAAAGGCAAGAAGATCTTGAGAATATCTCTTGAATATTCTCAAGATCTTCTTGCCGG	Hs.352298	4487	-0.1211	1.05318254	0.78818453	0.127225	0.36661201	0.551134751	-1.01873333	1.42086377	0.128757177								
PDGFD	BC030645_bp1129_R	AGCTAAAAGGCAAGAAGATCTTGAGAATATCTCTTGAATATTCTCAAGATCTTCTTGCCGG	Hs.352298	9863	-0.10875	0.97858686	0.796500912	0.001975	0.44355262	0.993294431	-1.0942	1.20960588	0.076389774								
PDGFD	BC030645_bp1129_R	AGCTAAAAGGCAAGAAGATCTTGAGAATATCTCTTGAATATTCTCAAGATCTTCTTGCCGG	Hs.352298	15239	0.009075	1.12914687	0.584868679	0.199	0.70467395	0.558675496	-0.63526667	1.46343574	0.319799001								
PDGFD	BC030645_bp1296_R	AGCTAAAAGCCAATGTGGTCTTCTTTCCATCTCTTGAATGGAAAGAAGACCACATTGGCGG	Hs.352298	4513	0.3881	0.35218133	0.093478611	-0.290225	0.21378465	0.128005972	-0.2653	0.55625022	0.42182713								
PDGFD	BC030645_bp1296_R	AGCTAAAAGCCAATGTGGTCTTCTTTCCATCTCTTGAATGGAAAGAAGACCACATTGGCGG	Hs.352298	9889	0.247425	0.15858618	0.144251036	-0.056275	0.19029541	0.725670553	-0.49366667	0.51100893	0.152053644								
PDGFD	BC030645_bp1296_R	AGCTAAAAGCCAATGTGGTCTTCTTTCCATCTCTTGAATGGAAAGAAGACCACATTGGCGG	Hs.352298	15265	0.37045	0.22907817	0.06432862	-0.05825	0.20733453	0.747560598	-0.4343	0.44859669	0.179957028								
PDGFD	BC030645_bp894_R	AGCTAAAAGATGACTACTTTGTGGCTAAATCTCTTGAATTTAGCCACAAAGTAGTCATCGG	Hs.352298	4515	-0.5389	0.71375536	0.137101751	-0.209875	0.48925395	0.422184281	1.540066667	5.75340448	0.49463878								
PDGFD	BC030645_bp894_R	AGCTAAAAGATGACTACTTTGTGGCTAAATCTCTTGAATTTAGCCACAAAGTAGTCATCGG	Hs.352298	9891	-0.4348	0.73768515	0.223556839	0.0189	0.40268531	0.931839322	1.844666667	5.92808062	0.430928591								
PDGFD	BC030645_bp894_R	AGCTAAAAGATGACTACTTTGTGGCTAAATCTCTTGAATTTAGCCACAAAGTAGTCATCGG	Hs.352298	15267	-0.339375	0.90718564	0.405520532	-0.007925	0.25710955	0.96404688	1.664666667	6.11759239	0.487586464								
PDGFRA	NM_006206_bp2070_R	AGCTAAAAGAGGGGTCATTGAATCAATCATCTCTTGAATGATTGATTCAATGACCCTCCGG	Hs.74615	1765	0.8682	0.32134377	0.014819148	0.4127	0.76080817	0.338365661											
PDGFRA	NM_006206_bp2070_R	AGCTAAAAGAGGGGTCATTGAATCAATCATCTCTTGAATGATTGATTCAATGACCCTCCGG	Hs.74615	7141	1.74435	0.80682537	0.003537269	0.846	0.55606877	0.111074114											
PDGFRA	NM_006206_bp2070_R	AGCTAAAAGAGGGGTCATTGAATCAATCATCTCTTGAATGATTGATTCAATGACCCTCCGG	Hs.74615	12517	2.881875	0.09808382	0.062094147	-0.231366667	2.43920317	0.842000383											
PDGFRA	NM_006206_bp2348_R	AGCTAAAAGGGCCACATTTGAACATTGATACTCTTGAATCTGAATGTGGCCCCAG	Hs.74615	1767	2.841775	1.87287321	0.011773412	1.873366667	1.17703256	0.031864035											
PDGFRA	NM_006206_bp2348_R	AGCTAAAAGGGCCACATTTGAACATTGATACTCTTGAATCTGAATGTGGCCCCAG	Hs.74615	7143	3.64315	3.23953902	0.033943502	1.9783	3.43135265	0.046696117											
PDGFRA	NM_006206_bp2348_R	AGCTAAAAGGGCCACATTTGAACATTGATACTCTTGAATCTGAATGTGGCCCCAG	Hs.74615	12519	4.515925	5.1069519	0.071199092	2.2063	1.36350001	0.029319605											
PDGFRA	NM_006206_bp761_R	AGCTAAAAGACCCAGATGTAGCCTTTGTATCTCTTGAATCAAAGGCTACATCTGGGTCGG	Hs.74615	467	3.53965	3.06510892	0.010762607	-0.9193	3.66613004	0.483201582											
PDGFRA	NM_006206_bp761_R	AGCTAAAAGACCCAGATGTAGCCTTTGTATCTCTTGAATCAAAGGCTACATCTGGGTCGG	Hs.74615	5843	4.056625	3.72464433	0.037883484	-1.480233333	3.93239008	0.445626559											
PDGFRA	NM_006206_bp761_R	AGCTAAAAGACCCAGATGTAGCCTTTGTATCTCTTGAATCAAAGGCTACATCTGGGTCGG	Hs.74615	11219	3.92375	4.22522696	0.061912497	-2.0009	3.83642834	0.308951708											
PDGFRB	NM_002609_bp1320_R	AGCTAAAAGTGGGCACACTACAATTTGCTTCTCTTGAAAGCAAATTGTAGTGTGCCCACGG	Hs.509067	10954	-0.561633333	0.66864415	0.153305363	-0.1672625	0.54314005	0.54631738											
PDGFRB	NM_002609_bp1320_R	AGCTAAAAGTGGGCACACTACAATTTGCTTCTCTTGAAAGCAAATTGTAGTGTGCCCACGG	Hs.509067	202	-0.2511	0.37391807	0.436680113	-0.2022125	0.55918483	0.479229524											
PDGFRB	NM_002609_bp1320_R	AGCTAAAAGTGGGCACACTACAATTTGCTTCTCTTGAAAGCAAATTGTAGTGTGCCCACGG	Hs.509067	5578	-0.3686	0.47305444	0.312372216	-0.2043875	0.52184477	0.453226539											
PDGFRB	NM_002609_bp1928_R	AGCTAAAAGCCACACTCCTTGCCCTTTAATCTCTTGAATTAAAGGGCAAGGAGTGTGGCCGG	Hs.509067	1751	-0.4641	0.30509218	0.089328886	-0.2102875	0.26532247	0.273050773											
PDGFRB	NM_002609_bp1928_R	AGCTAAAAGCCACACTCCTTGCCCTTTAATCTCTTGAATTAAAGGGCAAGGAGTGTGGCCGG	Hs.509067	7127	-0.444033333	0.31131168	0.103254301	-0.1855375	0.23286683	0.304830293											
PDGFRB	NM_002609_bp1928_R	AGCTAAAAGCCACACTCCTTGCCCTTTAATCTCTTGAATTAAAGGGCAAGGAGTGTGGCCGG	Hs.509067	12503	-0.27295	0.40795196	0.238321947	-0.1060625	0.30740591	0.584096188											
PDGFRB	NM_002609_bp729_R	AGCTAAAAGTGGGCTTCCTCCCTAATGATTCTCTTGAAATCATTAGGGGAGGAAGCCCACGG	Hs.509067	203	0.7124	0.77845386	0.168644383	-0.0625875	0.34365809	0.754094303											
PDGFRB	NM_002609_bp729_R	AGCTAAAAGTGGGCTTCCTCCCTAATGATTCTCTTGAAATCATTAGGGGAGGAAGCCCACGG	Hs.509067	5579	0.81455	0.65343738	0.105403059	0.0648625	0.29967921	0.731832792											
PDGFRB	NM_002609_bp729_R	AGCTAAAAGTGGGCTTCCTCCCTAATGATTCTCTTGAAATCATTAGGGGAGGAAGCCCACGG	Hs.509067	10955	0.9273	0.76565522	0.097862285	0.1013125	0.30346591	0.598278988											
PDIK1L	NM_152835_bp621_R	AGCTAAAAGCGCCTATTATTTGTGGTTGTCTCTTGAACAACCACAAATAAGCGCCGCGG	Hs.468801	2215	-0.544	0.16758431	0.113044619														
PDIK1L	NM_152835_bp621_R	AGCTAAAAGCGCCTATTATTTGTGGTTGTCTCTTGAACAACCACAAATAAGCGCCGCGG	Hs.468801	7591	-0.5527	0.19841416	0.11290698														
PDIK1L	NM_152835_bp621_R	AGCTAAAAGCGCCTATTATTTGTGGTTGTCTCTTGAACAACCACAAATAAGCGCCGCGG	Hs.468801	12967	-0.4799	0.02192031	0.134451697														
PDIK1L	NM_152835_bp740_R	AGCTAAAAGCCCCTGGCTTTCTTGCATAAATCTCTTGAATTTATGCAAGAAAGCCAGGGCCGG	Hs.468801	2217	-0.17985	0.25031903	0.316043807	-0.459675	1.02130837	0.345590652											
PDIK1L	NM_152835_bp740_R	AGCTAAAAGCCCCTGGCTTTCTTGCATAAATCTCTTGAATTTATGCAAGAAAGCCAGGGCCGG	Hs.468801	7593	-0.2476	0.37467272	0.258192746	-0.4936	0.83312867	0.239007385											
PDIK1L	NM_152835_bp740_R	AGCTAAAAGCCCCTGGCTTTCTTGCATAAATCTCTTGAATTTATGCAAGAAAGCCAGGGCCGG	Hs.468801	12969	-0.04925	0.51503694	0.843854405	-0.4533	0.81421139	0.265471159											
PDIK1L	NM_152835_bp965_R	AGCTAAAAGCTCCTGAAGTTTGGGAAGGATCTCTTGAATCCTTCCCCAAACTTCAGGAGCGG	Hs.468801	720	0.590025	2.64406632	0.591743122	-0.963833333	2.71766944	0.062021638											
PDIK1L	NM_152835_bp965_R	AGCTAAAAGCTCCTGAAGTTTGGGAAGGATCTCTTGAATCCTTCCCCAAACTTCAGGAGCGG	Hs.468801	6096	0.06235	1.64674102	0.927270272	-0.

PDLIM1	AK091847_bp851_R	AGCTAAAAAGGCACTGGGATTGTGTGAGTATCTCTTGAATACTCACACAATCCCAGTGCCGG	Hs.368525	9513	0.0613	0.25551245	0.770824154					-0.13845	0.43783776	0.579751063	
PDLIM1	AK091847_bp851_R	AGCTAAAAAGGCACTGGGATTGTGTGAGTATCTCTTGAATACTCACACAATCCCAGTGCCGG	Hs.368525	14889	0.058	0.44295571	0.825017996					-0.189425	0.49313381	0.476606227	
PDPK1	NM_002613_bp1305_R	AGCTAAAAAGGCAGCAACATAGAGCAGTACTCTCTTGAAGTACTGCTCTATGTTGCTGCCGG	Hs.459691	1779	-1.1943			-2.155							
PDPK1	NM_002613_bp1305_R	AGCTAAAAAGGCAGCAACATAGAGCAGTACTCTCTTGAAGTACTGCTCTATGTTGCTGCCGG	Hs.459691	7155	-1.1219			-2.0447							
PDPK1	NM_002613_bp1305_R	AGCTAAAAAGGCAGCAACATAGAGCAGTACTCTCTTGAAGTACTGCTCTATGTTGCTGCCGG	Hs.459691	12531	-1.0597			-1.8527							
PDPK1	NM_002613_bp1385_R	AGCTAAAAAGAGGTTGTTGTTGGAGAAGCATCTCTTGAATGCTTCTCCAACAACAACCTCGG	Hs.459691	1781	0.90115	0.20187899	0.036246106	2.6924375	1.31697579	0.006083061					
PDPK1	NM_002613_bp1385_R	AGCTAAAAAGAGGTTGTTGTTGGAGAAGCATCTCTTGAATGCTTCTCCAACAACAACCTCGG	Hs.459691	7157	0.86665	0.19947482	0.039896582	3.5471875	2.32796026	0.016954408					
PDPK1	NM_002613_bp1385_R	AGCTAAAAAGAGGTTGTTGTTGGAGAAGCATCTCTTGAATGCTTCTCCAACAACAACCTCGG	Hs.459691	12533	0.42436667	0.61468465	0.231069031	3.5911125	2.29218025	0.015370132					
PDPK1	NM_002613_bp1521_R	AGCTAAAAAGGACCACATTTATATATGTGTCTCTTGAACACATAAATATAAATGTGGTCCGG	Hs.459691	218	-0.8664	0.59552564	0.042098563	-0.0604625	0.36708991	0.773478546					
PDPK1	NM_002613_bp1521_R	AGCTAAAAAGGACCACATTTATATATGTGTCTCTTGAACACATAAATATAAATGTGGTCCGG	Hs.459691	5594	-0.7711	0.60706516	0.060944125	-0.0680625	0.33202597	0.73259321					
PDPK1	NM_002613_bp1521_R	AGCTAAAAAGGACCACATTTATATATGTGTCTCTTGAACACATAAATATAAATGTGGTCCGG	Hs.459691	10970	-0.752466667	0.67062845	0.078243662	-0.0426125	0.38326588	0.842788709					
PDRG1	NM_030815_bp118S_R	AGCTAAAAAGATGCGCCTCTTACCATATGATCTCTTGAATCATATGGTAAGAGGCGCATCGG	Hs.435755	2588	1.72395	0.75953305	0.002639123					0.8499375	1.4280722	0.144718158	
PDRG1	NM_030815_bp118S_R	AGCTAAAAAGATGCGCCTCTTACCATATGATCTCTTGAATCATATGGTAAGAGGCGCATCGG	Hs.435755	7964	1.950475	0.85026938	0.002397171					0.8699625	1.61789013	0.176340753	
PDRG1	NM_030815_bp118S_R	AGCTAAAAAGATGCGCCTCTTACCATATGATCTCTTGAATCATATGGTAAGAGGCGCATCGG	Hs.435755	13340	1.65435	0.74078339	0.002847336					0.8722375	1.48560946	0.148238977	
PDRG1	NM_030815_bp290_R	AGCTAAAAAGATGGTTTGCTTCGGGAACATTTCTCTTGAATGTTCCCGAAGCAAACCATCGG	Hs.435755	2586	0.4647	0.98532783	0.256512265					-0.2945875	0.33438982	0.28818105	
PDRG1	NM_030815_bp290_R	AGCTAAAAAGATGGTTTGCTTCGGGAACATTTCTCTTGAATGTTCCCGAAGCAAACCATCGG	Hs.435755	7962	0.50505	0.98310888	0.224671683					-0.3503625	0.37785872	0.219914749	
PDRG1	NM_030815_bp290_R	AGCTAAAAAGATGGTTTGCTTCGGGAACATTTCTCTTGAATGTTCCCGAAGCAAACCATCGG	Hs.435755	13338	0.462875	0.69868576	0.147785642					-0.2316625	0.30699498	0.40501601	
PDRG1	NM_030815_bp495_R	AGCTAAAAAGCTCTCAAGGTCATCTTGAAATCTCTTGAATTTCAAGATGACCTTGAGAGCGG	Hs.435755	2584	-0.32975	0.17271213	0.117014525					0.6300375	0.55074071	0.042517389	
PDRG1	NM_030815_bp495_R	AGCTAAAAAGCTCTCAAGGTCATCTTGAAATCTCTTGAATTTCAAGATGACCTTGAGAGCGG	Hs.435755	7960	-0.311125	0.18608666	0.143504023					0.7370875	0.58340291	0.02825377	
PDRG1	NM_030815_bp495_R	AGCTAAAAAGCTCTCAAGGTCATCTTGAAATCTCTTGAATTTCAAGATGACCTTGAGAGCGG	Hs.435755	13336	-0.186125	0.43966927	0.564923353					0.7155125	0.55332808	0.027997934	
PDXP	NM_018957_bp1862_R	AGCTAAAAAGCCCAGTCTCTTTGAGTAACCTCTCTTGAAGGTTACTCAAAGAGACTGGGCGG	Hs.445351	3067	-0.0639	0.52828236	0.882067998					-0.595925	1.02694578	0.188896893	
PDXP	NM_018957_bp1862_R	AGCTAAAAAGCCCAGTCTCTTTGAGTAACCTCTCTTGAAGGTTACTCAAAGAGACTGGGCGG	Hs.445351	8443	-0.101075	0.28764399	0.579189561					-0.6031	1.33219939	0.273382563	
PDXP	NM_018957_bp1862_R	AGCTAAAAAGCCAGTCTCTTTGAGTAACCTCTCTTGAAGGTTACTCAAAGAGACTGGGCGG	Hs.445351	13819	-0.061925	0.20526795	0.700042034					-0.444625	1.15073974	0.352923903	
PDXP	NM_018957_bp534_R	AGCTAAAAAGCTGACCTGACCACTTTGTTCTCTTGAAACAAAGTGGTACAGGTCAGCCGG	Hs.445351	3065	-0.210425	1.36262644	0.714041376					0.79975	1.36966875	0.174114368	
PDXP	NM_018957_bp534_R	AGCTAAAAAGCTGACCTGACCACTTTGTTCTCTTGAAACAAAGTGGTACAGGTCAGCCGG	Hs.445351	8441	-0.22085	0.96087802	0.598705331					0.787175	1.02208931	0.096830306	
PDXP	NM_018957_bp534_R	AGCTAAAAAGCTGACCTGACCACTTTGTTCTCTTGAAACAAAGTGGTACAGGTCAGCCGG	Hs.445351	13817	-0.2085	0.93530622	0.610484682					0.996825	1.22909346	0.0762632	
PDXP	NM_018957_bp561_R	AGCTAAAAAGGAGGACCTCTATGCCAACTATCTCTTGAATAGTTGGCATAGGAGTCTCCCGG	Hs.445351	3063	0.552533333	0.55913174	0.121757249					0.17565	0.06682159	0.602642351	
PDXP	NM_018957_bp561_R	AGCTAAAAAGGAGGACCTCTATGCCAACTATCTCTTGAATAGTTGGCATAGGAGTCTCCCGG	Hs.445351	8439	0.598766667	0.41970759	0.066105685					0.0826	0.00438406	0.803351162	
PDXP	NM_018957_bp561_R	AGCTAAAAAGGAGGACCTCTATGCCAACTATCTCTTGAATAGTTGGCATAGGAGTCTCCCGG	Hs.445351	13815	0.654166667	0.30655238	0.034720099					0.6134	0.28383266	0.13178562	
PDZK3	NM_178140_bp870R_R	AGCTAAAAGTGGGCCCTTGGTCATTAAATCTCTTGAATTTAATGACCAAGGGCCCATCGG	Hs.481819	5283	0.9491375	0.39527832	0.005107576	0.7321125	0.54680224	0.040959087					
PDZK3	NM_178140_bp870R_R	AGCTAAAAGATGGGCCCTTGGTCATTAAATCTCTTGAATTTAATGACCAAGGGCCCATCGG	Hs.481819	10659	0.9126625	0.41587306	0.006824157	0.8000875	0.60855644	0.040136357					
PDZK3	NM_178140_bp870R_R	AGCTAAAAGATGGGCCCTTGGTCATTAAATCTCTTGAATTTAATGACCAAGGGCCCATCGG	Hs.481819	16035	0.9840875	0.41519462	0.004958261	0.7672375	0.51807597	0.031058044					
PDZK3	NM_178140_bp8861_R	AGCTAAAAGAAGGACCTGTGCAGTTATTATCTCTTGAATAATAACTGCACAGGTCCTTCGG	Hs.481819	5281	-0.0427625	0.20261096	0.788623614	0.5260875	0.06632249	0.124677281					
PDZK3	NM_178140_bp8861_R	AGCTAAAAGAAGGACCTGTGCAGTTATTATCTCTTGAATAATAACTGCACAGGTCCTTCGG	Hs.481819	10657	0.1226625	0.19771956	0.451254027	0.7284125	0.64874641	0.061891969					
PDZK3	NM_178140_bp8861_R	AGCTAAAAGAAGGACCTGTGCAGTTATTATCTCTTGAATAATAACTGCACAGGTCCTTCGG	Hs.481819	16033	-0.0543125	0.19949528	0.73303622	0.3293125	0.47226643	0.221261164					
PELI1	NM_020651_bp4299_R	AGCTAAAAGGTGGTTGAATATACTCATGATCTCTTGAATCATGAGTATATTCAACCACCGG	Hs.7886	2679	0.879	0.39501837	0.006526193					0.9582375	1.21779961	0.073886566	
PELI1	NM_020651_bp4299_R	AGCTAAAAGGTGGTTGAATATACTCATGATCTCTTGAATCATGAGTATATTCAACCACCGG	Hs.7886	8055	0.80305	0.29632986	0.005100505					0.8716375	1.20298992	0.09332363	
PELI1	NM_020651_bp4299_R	AGCTAAAAGGTGGTTGAATATACTCATGATCTCTTGAATCATGAGTATATTCAACCACCGG	Hs.7886	13431	0.9183	0.43612284	0.007053681					1.0174375	1.235171	0.064490586	
PELI1	NM_020651_bp4973_R	AGCTAAAAGCCATGTACATGGCTATCATATCTCTTGAATATGATAGCCATGTACATGGCGG	Hs.7886	2681	-0.8223	0.12136491	0.002819343					-0.4882125	0.50913121	0.126654282	
PELI1	NM_020651_bp4973_R	AGCTAAAAGCCATGTACATGGCTATCATATCTCTTGAATATGATAGCCATGTACATGGCGG	Hs.7886	8057	-0.75275	0.13523914	0.004148049					-0.5071125	0.52313522	0.118123546	
PELI1	NM_020651_bp4973_R	AGCTAAAAGCCATGTACATGGCTATCATATCTCTTGAATATGATAGCCATGTACATGGCGG	Hs.7886	13433	-0.8808	0.09367635	0.001807888					-0.5177125	0.4973098	0.10435424	
PELI2	NM_021255_bp1255_R	AGCTAAAAGACCGCCAACTCATGCTTTCATCTCTTGAATGAAAGCATGAGTTGGCGGTCGG	Hs.105103	2673	0.408825	0.31842511	0.048931766					-0.4670875	0.45593742	0.129691969	
PELI2	NM_021255_bp1255_R	AGCTAAAAGACCGCCAACTCATGCTTTCATCTCTTGAATGAAAGCATGAGTTGGCGGTCGG	Hs.105103	8049	0.57525	0.37577538	0.022086952					-0.4072875	0.34761138	0.145492184	
PELI2	NM_021255_bp1255_R	AGCTAAAAGACCGCCAACTCATGCTTTCATCTCTTGAATGAAAGCATGAGTTGGCGGTCGG	Hs.105103	13425	0.618275	0.37065377	0.019254598					-0.4636125	0.43782349	0.12689623	
PELI2	NM_021255_bp391_R	AGCTAAAAGCTGCAAAGGTCAACACAGTATCTCTTGAATACTGTGTTGACCTTTGCAGCGG	Hs.105103	2677	0.7029	0.22445439	0.004584974					0.2192375	0.67939364	0.416799088	
PELI2	NM_021255_bp391_R	AGCTAAAAGCTGCAAAGGTCAACACAGTATCTCTTGAATACTGTGTTGACCTTTGCAGCGG	Hs.105103	8053	0.7951	0.31193154	0.004661117					0.3151125	0.7464311	0.3055223	
PELI2	NM_021255_bp391_R	AGCTAAAGCTGCAAAGGTCAACACAGTATCTCTTGAATACTGTGTTGACCTTTGCAGCGG	Hs.105103	13429	0.774675	0.29232972	0.004598789					0.2838625	0.66539931	0.312819002	
PELI2	NM_021255_bp610_R	AGCTAAAAGCGACAGGAATGAACCTTACATCTCTTGAATGTAAGGTTCATTCCTGTCGCGG	Hs.105103	2675	-0.4852	0.23361101	0.039382671					0.2378375	1.03536863	0.51231871	
PELI2	NM_021255_bp610_R	AGCTAAAAGCGACAGGAATGAACCTTACATCTCTTGAATGTAAGGTTCATTCCTGTCGCGG	Hs.105103	8051	-0.5208	0.29497774	0.041186049					0.2434125	0.98103517	0.48654495	
PELI2	NM_021255_bp610_R	AGCTAAAAGCGACAGGAATGAACCTTACATCTCTTGAATGTAAGGTTCATTCCTGTCGCGG	Hs.105103	13427	-0.460775	0.24389547	0.051926612					0.1706125	1.07539994	0.626192367	
PELI3	NM_145065_bp222_R	AGCTAAAAGCCCTATCAAGTATGGTGAACTTCTCTTGAAAGTTCACCATACTTGATGGGCGG	Hs.591959	2926	-1.467675	0.66333106	0.003707117					-1.268075	0.54338282	0.002783133	
PELI3	NM_145065_bp222_R	AGCTAAAAGCCCTATCAAGTATGGTGAACTTCTCTTGAAAGTTCACCATACTTGATGGGCGG	Hs.591959	8302	-0.748975	0.25180212	0.005655888					-1.117625	0.68019793	0.009419736	
PELI3	NM_145065_bp222_R	AGCTAAAAGCCCTATCAAGTATGGTGAACTTCTCTTGAAAGTTCACCATACTTGATGGGCGG	Hs.591959	13678	-1.535675	0.18927432	0.000143308					-0.858	0.33655878	0.007043711	
PELI3	NM_145065_bp477_R	AGCTAAAAGCACAGGATCTCGTATACACTTTCTCTTGAAAGTGTATACGAGATGCTGTGCGG	Hs.591959	2928	1.24185	0.92504449	0.022220196					1.549875	1.20340174	0.014602007	
PELI3	NM_145065_bp477_R	AGCTAAAAGCACAGGATCTCGTATACACTTTCTCTTGAAAGTGTATACGAGATGCTGTGCGG	Hs.591959	8304	1.185025	0.86344176	0.021147792					1.548075	1.23208519	0.015353938	
PELI3	NM_145065_bp477_R	AGCTAAAAGCACAGGATCTCGTATACACTTTCTCTTGAAAGTGTATACGAGATGCTGTGCGG	Hs.591959	13680	1.2228	0.94139739	0.024836594					1.522	1.11021011	0.011836369	
PELI3	NM_145065_bp876_R	AGCTAAAAGATCTCGGTCTGTGGGAGATGTTTCTCTTGAAACATTCCCACAGACCGAGATCGG	Hs.591959	2954	0.629975	0.11883267	0.005847233					-0.3907	0.57457765	0.19790546	
PELI3	NM_145065_bp876_R	AGCTAAAAGATCTCGGTCTGTGGGAGATGTTTCTCTTGAAACATTCCCACAGACCGAGATCGG	Hs.591959	8330	0.3963	0.65663303	0.222832222					-0.476025	0.59595566	0.134653143	
PELI3	NM_145065_bp876_R	AGCTAAAAGATCTCGGTCTGTGGGAGATGTTTCTCTTGAAACATTCCCACAGACCGAGATCGG	Hs.591959	13706	0.7012	0.32574193	0.011522479					-0.3345	0.81302406	0.359278547	
PFDN2	NM_012394_bp187_R	AGCTAAAAGCAGCACGCCTAGTGATCGATTCTCTTGAAATCGATCACTAGGCTGTGCTCGG	Hs.492516	2951	3.1427	0.49353873	0.000294893					1.2453375	1.80179382	0.09761452	
PFDN2	NM_012394_bp187_R	AGCTAAAAGCAGCACGCCTAGTGATCGATTCTCTTGAAATCGATCACTAGGCTGTGCTCGG	Hs.492516	8327	5.08015	1.22858073	0.000153644					1.4503875	1.65984564	0.049544651	
PFDN2	NM_012394_bp187_R	AGCTAAAAGCAGCACGCCTAGTGATCGATTCTCTTGAAATCGATCACTAGGCTGTGCTCGG	Hs.492516	13703	5.338975	1.43368314	0.000233638					1.4679375	1.57460797	0.040482774	
PFDN2	NM_012394_bp288_R	AGCTAAAAGCTGCCCGCTTTGGAGAACAATCTCTTGAATGTTTCTCCAAAGCGGGCAGCGG	Hs.492516	2977	-0.376	0.25879134	0.09719226					-0.2338125	0.80071444	0.586142649	
PFDN2	NM_012394_bp288_R	AGCTAAAAGCTGCCCGCTTTGGAGAACAATCTCTTGAATGTTTCTCCAAAGCGGGCAGCGG	Hs.492516	8353	-0.364575	0.26020039	0.107978727					-0.3003375	0.84625065	0.484493517	
PFDN2	NM_012394_bp288_R	AGCTAAAAGCTGCCCGCTTTGGAGAACAATCTCTTGAATGTTTCTCCAAAGCGGGCAGCGG	Hs.492516	13729	-0.3373	0.26270061	0.135258501					-0.2425625	0.73179666	0.54594572	
PFDN2	NM_012394_bp527_R	AGCTAAAAGACTCCCACTTCTAATTTCTCTCTCTTGAAGAGAAATTAGAAGTGGGAGTCGG	Hs.492516	2979	1.6391	0.56125139	0.001304956					0.6028375	0.85336804	0.112425779	
PFDN2	NM_012394_bp527_R	AGCTAAAAGACTCCCACTTCTAATTTCTCTCTCTTGAAGAGAAATTAGAAGTGGGAGTCGG	Hs.492516	8355	1.646475	0.54368014	0.001151127					0.5570875	0.8579177	0.13621029	
PFDN2	NM_012394_bp527_R	AGCTAAAAGACTCCCACTTCTAATTTCTCTCTCTTGAAGAGAAATTAGAAGTGGGAGTCGG	Hs.492516	13731	1.667475	0.53758833	0.00104403					0.5806875	0.80030449	0.109043479	
PTK1	NM_012395_bp1160_R	AGCTAAAAGCCTGGAGTTCATTCTTACTCTCTTGAAGTAAAGAATGAACTCCAGGCCGG	Hs.430742	422	-0.240025	0.27002972	0.208153254	0.482566667	0.77940924	0.281905446					
PTK1	NM_012395_bp1160_R	AGCTAAAAGCCTGGAGTTCATTCTTACTCTCTTGAAGTAAAGAATGAACTCCAGGCCGG	Hs.430742	5798	-0.81495	0.11907279	0.001915208	0.4112	0.58447348	0.259584391					
PTK1	NM_012395_bp1160_R	AGCTAAAAGGCCTGGAGTTCATTCTTACTCTCTTGAAGTAAAGAATGAACTCCAGGCCGG	Hs.430742	11174	-1.008525	0.32512854	0.00249943	-0.169866667	1.1032054	0.758242581					
PTK1	NM_012395_bp363_R	AGCTAAAGACGGTCATTCTGAGAACAATCTCTTGAATGTTCTCAGAATGCACCCTCGG	Hs.430742	1562	-1.947125	4.23617066	0.344468448	-3.4564	0.66287924	0.005066241					
PTK1	NM_012395_bp363_R	AGCTAAAGACGGTCATTCTGAGAACAATCTCTTGAATGTTCTCAGAATGCACCCTCGG	Hs.430742	6938	-2.943875	5.69273992	0.295235457	-4.3182	0.41238468	0.001915962					
PTK1	NM_012395_bp363_R	AGCTAAAGACGGTCATTCTGAGAACAATCTCTTGAATGTTCTCAGAATGCACCCTCGG	Hs.430742	12314	-3.245875	5.57649156	0.249738678	-5.11465	0.42787031	0.001303075					
PH-4	NM_017732_bp1087_R	AGCTAAAAGCAGGAGTTCTCCAACATGGATCTCTTGAATCCATGTTGGAGAACTCCTGCGG	Hs.271224	1964	-0.7866125	0.46907325	0.016632006					-0.2475125	1.15203548	0.59596855	
PH-4	NM_017732_bp1087_R	AGCTAAAAGCAGGAGTTCTCCAACATGGATCTCTTGAATCCATGTTGGAGAACTCCTGCGG	Hs.271224	7340	-0.7974375	0.36632082	0.008785515					-0.1097125	1.10740892	0.806285943	
PH-4	NM_017732_bp1087_R	AGCTAAAAGCAGGAGTTCTCCAACATGGATCTCTTGAATCCATGTTGGAGAACTCCTGCGG	Hs.271224	12716	-0.8126125	0.33833749	0.006858115					-0.0376875	1.1338678	0.934009288	
PH-4	NM_017732_bp1360_R	AGCTAAAAGACCATCTGCTCCCATACCAATCTCTTGAATTGGTATGGGAGCAGATGGTCGG	Hs.271224	1966	-0.6899125	0.21290785	0.006349838					-0.3282375	0.4262178	0.20984382	
PH-4	NM_017732_bp1360_R	AGCTAAAAGACCATCTGCTCCCATACCAATCTCTTGAATTGGTATGGGAGCAGATGGTCGG	Hs.271224	7342	-0.6132875	0.1623732	0.007913114					-0.2990875	0.41610422	0.243976804	
PH-4	NM_017732_bp1360_R	AGCTAAAAGACCATCTGCTCCCATACCAATCTCTTGAATTGGTATGGGAGCAGATGGTCGG	Hs.271224	12718	-0.6431375	0.18904135	0.007450607					-0.3140875	0.44295927	0.234302229	
PH-4	NM_017732_bp795_R	AGCTAAAAAGCTTCCTGACTGATGAAGAGTTCTCTTGAAACTCTTCATCAGTCAGGAAGCGG	Hs.271224	1048	-0.1619375	0.14930556	0.304494451					0.2874625	0.35023444	0.234893648	
PH-4	NM_017732_bp795_R	AGCTAAAAAGCTTCCTGACTGATGAAGAGTTCTCTTGAAACTCTTCATCAGTCAGGAAGCGG	Hs.271224	6424	-0.1711125	0.16468651	0.288385863					0.2763375	0.31547007	0.23845883	
PH-4	NM_017732_bp795_R	AGCTAAAAAGCTTCCTGACTGATGAAGAGTTCTCTTGAAACTCTTCATCAGGAAGCGG	Hs.271224	11800	-0.1865375	0.16777207	0.253560876					0.2721875	0.30098296	0.239576644	
PHACTR2	XM_376540_bp1209_R	AGCTAAAAGGCACTGGCTAAGTGTTAACTCTTGAAGTTAACACTTAAGCCAGTGCCGG	Hs.102471	3495	-0.0289	0.11124366	0.875360784					-0.4686875	0.14036528	0.045369666	
PHACTR2	XM_376540_bp1209_R	AGCTAAAAGGCACTGGCTAAGTGTTAACTCTTGAAGTTAACACTTAAGCCAGTGCCGG	Hs.102471	8871	0.114933333	0.0301333	0.529812658					-0.3438125	0.34950075	0.165035666	
PHACTR2	XM_376540_bp1209_R	AGCTAAAAGGCACTGGCTAAGTGTTAACTCTTGAAGTTAACACTTAAGCCAGTGCCGG	Hs.102471	14247	-0.042566667	0.20781943	0.831182871					-0.3414625	0.23246967	0.134273206	
PHACTR2	XM_376540_bp1618_R	AGCTAAAAGGGCCCACAACTGAAGAATTAGTCTCTTGAACTAATTCTTCAGTTGTGGGCCGG	Hs.102471	3493								-0.3871			
PHACTR2	XM_376540_bp1618_R	AGCTAAAAGGGCCCACAACTGAAGAATTAGTCTCTTGAACTAATTCTTCAGTTGTGGGCCGG	Hs.102471	8869								-0.3021			
PHACTR2	XM_376540_bp1618_R	AGCTAAAAGGGCCCACAACTGAAGAATTAGTCTCTTGAACTAATTCTTCAGTTGTGGGCCGG	Hs.102471	14245								-0.413			
PHF16	NM_014735_bp1740_R	AGCTAAAAAGGGTCCGAAATCTGTGCTATATCTCTTGAATATAGCACAGATTTCGGACCCGG	Hs.371977	5055	-0.2195625	0.55024447	0.418127265	0.6537625	0.45447112	0.038637826					
PHF16	NM_014735_bp1740_R	AGCTAAAAGGGTCCGAAATCTGTGCTATATCTCTTGAATATAGCACAGATTTCGGACCCGG	Hs.371977	10431	-0.1114875	0.55926873	0.676592762	0.5609125	0.63237858	0.03848678					
PHF16	NM_014735_bp1740_R	AGCTAAAAGGGTCCGAAATCTGTGCTATATCTCTTGAATATAGCACAGATTTCGGACCCGG	Hs.371977	15807	0.4342625	0.38506418	0.078732373	1.341516667	0.68023415	0.022130418					
PHF16	NM_014735_bp2007_R	AGCTAAAAAGCTCATCTGTTCACAGTATAATCTCTTGAATTATACTGTGAACAGATGAGCGG	Hs.371977	10433	0.0506										
PHF16	NM_014735_bp2007_R	AGCTAAAAAGCTCATCTGTTCACAGTATAATCTCTTGAATTATACTGTGAACAGATGAGCGG	Hs.371977	15809	0.3103										
PHF16	NM_014735_bp872_R	AGCTAAAAAGGGCTAGGCATAGAGTATGATTCTCTTGAAATCATACTCTATGCCTAGCCCGG	Hs.371977	5059	1.0439125	0.48662716	0.005944386	-0.2898625	0.36659927	0.208684733					
PHF16	NM_014735_bp872_R	AGCTAAAAGGGCTAGGCATAGAGTATGATTCTCTTGAAATCATACTCTATGCCTAGCCCGG	Hs.371977	10435	1.0593625	0.47439765	0.005200526	-0.2911625	0.43999783	0.251169046					
PHF16	NM_014735_bp872_R	AGCTAAAAGGGCTAGGCATAGAGTATGATTCTCTTGAAATCATACTCTATGCCTAGCCCGG	Hs.371977	15811	0.9656875	0.38837618	0.004543481	0.2002125	0.13202026	0.217136041					
PHF19	BX640713_bp1_R	AGCTAAAAGACCAGTAAGTCGTGTATTTATCTCTTGAATAAATACACGACTTACTGGTCGG	Hs.460124	4310	-0.727525	0.04126309	0.002516209	-0.645275	0.22307127	0.011825513	-0.3925	0.25977075	0.170757799		
PHF19	BX640713_bp1_R	AGCTAAAAGACCAGTAAGTCGTGTATTTATCTCTTGAATAAATACACGACTTACTGGTCGG	Hs.460124	9686	-0.7083	0.64101343	0.052158172	-0.778775	0.46987294	0.022456479	-0.50746667	0.23601367	0.090164651		
PHF19	BX640713_bp1_R	AGCTAAAAGACCAGTAAGTCGTGTATTTATCTCTTGAATAAATACACGACTTACTGGTCGG	Hs.460124	15062	-1.030875	0.28583471	0.001746644	-1.15545	1.05925184	0.055957815	-0.24623333	0.33478588	0.382647025		
PHF19	BX640713_bp1440_R	AGCTAAAAGCCAGACCTTCTTCTCAGATTCTCTTGAAATCTGAGAAGAAGGTCTGGCCGG	Hs.460124	4314	0.05325	1.17889503	0.914882857	-0.09885	0.23759686	0.569979061	0.430966667	1.03235277	0.369026576		
PHF19	BX640713_bp1440_R	AGCTAAAAGCCAGACCTTCTTCTCAGATTCTCTTGAAATCTGAGAAGAAGGTCTGGCCGG	Hs.460124	9690	0.014525	1.19865173	0.977087458	-0.0806	0.21742905	0.701729064	0.4547	1.05720772	0.35312207		
PHF19	BX640713_bp1440_R	AGCTAAAAGGCCAGACCTTCTTCTCAGATTCTCTTGAAATCTGAGAAGAAGGTCTGGCCGG	Hs.460124	15066	0.10685	1.07632936	0.816043194	0.0017	0.05374012	0.995001301	0.444933333	1.03281564	0.355135483		
PHF19	BX640713_bp334_R	AGCTAAAAGCCTCGTGACTTTCGAAGATATCTCTTGAATATCTTCGAAAGTCACGAGGCGG	Hs.460124	4312	-0.28495	0.2528389	0.138966468	-0.6894	0.09735458	0.005051669	-0.4851	0.03163732	0.085529872		
PHF19	BX640713_bp334_R	AGCTAAAAGCCTCGTGACTTTCGAAGATATCTCTTGAATATCTTCGAAAGTCACGAGGCGG	Hs.460124	9688	-0.305275	0.25745597	0.120155302	-0.73605	0.08340659	0.003718894	-0.61683333	0.13495867	0.044612095		
PHF19	BX640713_bp334_R	AGCTAAAAGCCTCGTGACTTTCGAAGATATCTCTTGAATATCTTCGAAAGTCACGAGGCGG	Hs.460124	15064	-0.191575	0.16727403	0.242364541	-0.689525	0.23078286	0.009647039	-0.3046	0.68590472	0.406490791		
PHKG1	NM_006213_bp403_R	AGCTAAAAGAAGGACACTTATGAGACCAATCTCTTGAATTGGTCTCATAAGTGTCCTTCGG	Hs.512612	468	-0.449225	1.50116135	0.483964787	0.050566667	0.43228875	0.852831134					
PHKG1	NM_006213_bp403_R	AGCTAAAAGAAGGACACTTATGAGACCAATCTCTTGAATTGGTCTCATAAGTGTCCTTCGG	Hs.512612	5844	-0.347075	2.05843012	0.684769518	-2.338566667	2.29081709	0.191332646					
PHKG1	NM_006213_bp403_R	AGCTAAAAGAAGGACACTTATGAGACCAATCTCTTGAATTGGTCTCATAAGTGTCCTTCGG	Hs.512612	11220	-0.45615	2.35858051	0.641388502	-2.473366667	3.09497462	0.153664454					
PHKG1	NM_006213_bp466_R	AGCTAAAAGCTCTTTGACTACCTCACTGATCCTTGAATCAGTGAGGTAGTCAAAGAGCGG	Hs.512612	1769	-0.333475	0.57255576	0.2450464	-1.0537	3.33648803	0.517431313					
PHKG1	NM_006213_bp466_R	AGCTAAAAGCTCTTTGACTACCTCACTGATCCTTGAATCAGTGAGGTAGTCAAAGAGCGG	Hs.512612	7145	-0.682233333	0.19371362	0.020773152	-1.246666667	2.22610085	0.435670065					
PHKG1	NM_006213_bp466_R	AGCTAAAAGCTCTTTGACTACCTCACTGATCCTTGAATCAGTGAGGTAGTCAAAGAGCGG	Hs.512612	12521	-0.36805	0.34084709	0.102648005	-1.193533333	3.38624284	0.473389383					
PHKG1	NM_006213_bp544_R	AGCTAAGATCTGCACCTTGCAACAAACTTCTCTTGAAAGTTTGTGCAAGGTGCAGATCGG	Hs.512612	1771	0.21	1.02829325	0.63674718	-0.0247	0.82824448	0.954022847					
PHKG1	NM_006213_bp544_R	AGCTAAAAGATCTGCACCTTGCAACAAACTTCTC

PIAS1	AK128379_bp1995_R	AGCTAAAAGGTGCCTGAGTGTATAATAAGTTCTTGAACTTATTATACACTCAGGCACCGG	Hs.16458	15564	-0.8361625	1.51303033	0.221498522	0.6677625	0.31737242	0.017730494					
PIAS2	BC015190_bp277_R	AGCTAAAAAGGGCGCTGCATTTATTGAAGATCTTTGAATCTTCAATAAATGCACGCGCCCGG	Hs.514846	4331	-0.082	0.59859459	0.769555177	-0.63955	0.39376118	0.030865727	0.083566667	0.90512506	0.842172352		
PIAS2	BC015190_bp277_R	AGCTAAAAAGGGCGCTGCATTTATTGAAGATCTTTGAATCTTCAATAAATGCACGCGCCCGG	Hs.514846	9707	-0.121525	0.54165163	0.642383059	-0.506975	0.31332169	0.043228632	-0.10533333	0.78988205	0.784497847		
PIAS2	BC015190_bp277_R	AGCTAAAAAGGGCGCTGCATTTATTGAAGATCTTTGAATCTTCAATAAATGCACGCGCCCGG	Hs.514846	15083	-0.2555	0.53859147	0.344918337	-0.509325	0.06528943	0.014470468	-0.20163333	0.79954352	0.607023698		
PIAS2	BC015190_bp930_R	AGCTAAAAAGGAGCCCCCTTGAATATTACATCTCTTGAATGTAATATTCAAGGGGCGTTCCGG	Hs.514846	15081	-1.1939	0.11107781	0.002274625	-1.4957			-0.19925	0.08647916	0.557536508		
PIAS3	NM_006099_bp1090_R	AGCTAAAAAGCTTCGATGCTGCCCTTTATCTCTCTTGAAGATAAAGGGCAGCATCGAAGCGG	Hs.435761	4806	-0.9064625	0.94988444	0.067230873	-0.0624625	0.31603059	0.747561088					
PIAS3	NM_006099_bp1090_R	AGCTAAAAAGCTTCGATGCTGCCCTTTATCTCTCTTGAAGATAAAGGGCAGCATCGAAGCGG	Hs.435761	10182	-0.3964625	0.19350878	0.045095401	-0.1253625	0.25882748	0.489745272					
PIAS3	NM_006099_bp1090_R	AGCTAAAAAGCTTCGATGCTGCCCTTTATCTCTCTTGAAGATAAAGGGCAGCATCGAAGCGG	Hs.435761	15558	-1.3634125	2.269767	0.184755081	0.4428	0.78430398	0.319148986					
PIAS3	NM_006099_bp1352_R	AGCTAAAAAGGGAGATCCATCAGAGAATATATCTCTTGAATTATTCTCTGATGGATCTCCCGG	Hs.435761	4802	0.7603375	1.61673253	0.286943155	0.1788375	0.55979162	0.529155775					
PIAS3	NM_006099_bp1352_R	AGCTAAAAAGGGAGATCCATCAGAGAATATATCTCTTGAATTATTCTCTGATGGATCTCCCGG	Hs.435761	10178	1.2370625	0.36722541	0.001325345	0.2526875	0.46922318	0.329105865					
PIAS3	NM_006099_bp1352_R	AGCTAAAAAGGGAGATCCATCAGAGAATATATCTCTTGAATTATTCTCTGATGGATCTCCCGG	Hs.435761	15554	-0.0851125	2.23816006	0.926283782	0.1823125	0.48454839	0.478801507					
PIAS3	NM_006099_bp1614_R	AGCTAAAAAGGAGCCGACATCCAAGGTTTATCTCTTGAATAAACCTTGGATGTCGGCTCCGG	Hs.435761	4804	0.1714375	1.39923118	0.770337006	0.1543625	0.66553904	0.632069425					
PIAS3	NM_006099_bp1614_R	AGCTAAAAAGGAGCCGACATCCAAGGTTTATCTCTTGAATAAACCTTGGATGTCGGCTCCGG	Hs.435761	10180	1.1721375	0.99411685	0.03405843	-0.151583333	0.93302092	0.750682976					
PIAS3	NM_006099_bp1614_R	AGCTAAAAAGGAGCCGACATCCAAGGTTTATCTCTTGAATAAACCTTGGATGTCGGCTCCGG	Hs.435761	15556	0.7096375	2.16336069	0.439945588	0.354275	0.70997056	0.453761259					
PIAS4	AK022481_bp1700_R	AGCTAAAAAGACTCTCCTATCGGGGGGATTATTCTTGAATAATCCCCCGATAGGGAGAGTCGG	Hs.105779	4770	-0.6326375	0.09224183	0.005220088	-0.7620625	0.77158047	0.081353488					
PIAS4	AK022481_bp1700_R	AGCTAAAAAGACTCTCCTATCGGGGGGATTATTCTTGAATAATCCCCCGATAGGGAGAGTCGG	Hs.105779	10146	-0.6322125	0.1266396	0.00994591	-0.9560125	0.6582123	0.027672932					
PIAS4	AK022481_bp1700_R	AGCTAAAAAGACTCTCCTATCGGGGGATTATTCTTGAATAATCCCCCGATAGGGAGAGTCGG	Hs.105779	15522	-0.5914875	0.1237534	0.007738425	-0.9680875	0.73282712	0.035496985					
PIAS4	AK022481_bp1985_R	AGCTAAAAAGGCGACCACTTTGACGTTTGTTTCTTTGAAACAAACGTCAAAGTGGTCGCCGG	Hs.105779	4766	0.2307875	0.3744882	0.287773815	-0.8648875	0.73461695	0.05060714					
PIAS4	AK022481_bp1985_R	AGCTAAAAAGGCGACCACTTTGACGTTTGTTTCTTTGAAACAAACGTCAAAGTGGTCGCCGG	Hs.105779	10142	0.1588375	0.39783968	0.465043436	-0.9294375	0.68229673	0.033418114					
PIAS4	AK022481_bp1985_R	AGCTAAAAAGGCGACCACTTTGACGTTTGTTTCTTTGAAACAAACGTCAAAGTGGTCGCCGG	Hs.105779	15518	0.2840875	0.41349591	0.22551496	-0.9704625	0.77503955	0.040931412					
PIAS4	AK022481_bp413_R	AGCTAAAAAGAAGCTGCCGTTCTTTAATATTCTCTTGAAATATTAAAGAACGGCAGCTTCGG	Hs.105779	4768	-0.3780375	0.2455143	0.064880685	-0.2925125	0.29638126	0.1656508					
PIAS4	AK022481_bp413_R	AGCTAAAAAGAAGCTGCCGTTCTTTAATATTCTCTTGAAATATTAAAGAACGGCAGCTTCGG	Hs.105779	10144	-0.3375375	0.23594364	0.085937868	-0.3602875	0.32617433	0.116091017					
PIAS4	AK022481_bp413_R	AGCTAAAAAGAAGCTGCCGTTCTTTAATATTCTCTTGAAATATTAAAGAACGGCAGCTTCGG	Hs.105779	15520	-0.2676625	0.24041382	0.15350116	-0.2908875	0.32183182	0.181530483					
PIGQ	NM_014700_bp1052_R	AGCTAAAAAGGTGAAGGACTAACTAAGTATCTCTTGAATACTTAGTTAAGTCCTTCACCGG	Hs.531642	2382	-0.661275	0.321811	0.018190859				-0.6213625	0.73437416	0.115909787		
PIGQ	NM_014700_bp1052_R	AGCTAAAAAGGTGAAGGACTAACTAAGTATCTCTTGAATACTTAGTTAAGTCCTTCACCGG	Hs.531642	7758	-0.6199	0.23359634	0.014564651				-0.5446625	0.68641803	0.147077507		
PIGQ	NM_014700_bp1052_R	AGCTAAAAAGGTGAAGGACTAACTAAGTATCTCTTGAATACTTAGTTAAGTCCTTCACCGG	Hs.531642	13134	-0.643125	0.32199364	0.020559803				-0.5825625	0.77277329	0.148944695		
PIGQ	NM_014700_bp1217_R	AGCTAAAAAGTTCGATGACTTCGTCACCTATCTCTTGAATAGGTGACGAAGTCATCGAACGG	Hs.531642	2384	-1.278725	0.26837708	0.006619676				-0.4121625	0.44994626	0.175176965		
PIGQ	NM_014700_bp1217_R	AGCTAAAAAGTTCGATGACTTCGTCACCTATCTCTTGAATAGGTGACGAAGTCATCGAACGG	Hs.531642	7760	-1.1892	0.23109773	0.000691184				-0.1381125	0.39446518	0.688782299		
PIGQ	NM_014700_bp1217_R	AGCTAAAAAGTTCGATGACTTCGTCACCTATCTCTTGAATAGGTGACGAAGTCATCGAACGG	Hs.531642	13136	-1.058325	0.2438562	0.001437849				-0.4085125	0.47396699	0.188017978		
PIGQ	NM_014700_bp1282_R	AGCTAAAAAGCACCTACAGTGAGTGTGAGATCTCTTGAATCTCACACTCACTGTAGGTGCGG	Hs.531642	2380	0.5651	0.64873114	0.073982724				0.3052875	0.63461018	0.271477955		
PIGQ	NM_014700_bp1282_R	AGCTAAAAAGCACCTACAGTGAGTGTGAGATCTCTTGAATCTCACACTCACTGTAGGTGCGG	Hs.531642	7756	0.599325	0.69809427	0.07514322				0.2912375	0.66970823	0.303990287		
PIGQ	NM_014700_bp1282_R	AGCTAAAAAGCACCTACAGTGAGTGTGAGATCTCTTGAATCTCACACTCACTGTAGGTGCGG	Hs.531642	13132	0.52135	0.63081658	0.084561282				0.3047375	0.65244516	0.279629574		
PIK3AP1	NM_152309_bp1823_R	AGCTAAAAAGCCTGGGAATTTCTACGTTTCTCTCTTGAAGAAACGTAGAAATTCCCAGGCGG	Hs.310456	781	-1.1766375	0.58989806	0.00642579				0.0468875	1.00785995	0.909768337		
PIK3AP1	NM_152309_bp1823_R	AGCTAAAAAGCCTGGGAATTTCTACGTTTCTCTCTTGAAGAAACGTAGAAATTCCCAGGCGG	Hs.310456	6157	-1.3143625	0.60150653	0.004289142				0.375283333	0.79900115	0.35378129		
PIK3AP1	NM_152309_bp1823_R	AGCTAAAAAGCCTGGGAATTTCTACGTTTCTCTCTTGAAGAAACGTAGAAATTCCCAGGCGG	Hs.310456	11533	-1.3295375	0.54085693	0.002897567				0.2138	0.92956258	0.658814347		
PIK3AP1	NM_152309_bp1998_R	AGCTAAAAAGGGCTGTGCTCCACTTCAAATCTCTTGAATTTGAAGTGGAGCACAGCCTCGG	Hs.310456	2122	-1.5914625	0.64607273	0.002373637				0.1729875	0.88229478	0.646035887		
PIK3AP1	NM_152309_bp1998_R	AGCTAAAAAGGGCTGTGCTCCACTTCAAATCTCTTGAATTTGAAGTGGAGCACAGCCTCGG	Hs.310456	7498	-1.5138125	0.69245439	0.003765142				0.3661625	0.86058471	0.337327471		
PIK3AP1	NM_152309_bp1998_R	AGCTAAAAAGGGCTGTGCTCCACTTCAAATCTCTTGAATTTGAAGTGGAGCACAGCCTCGG	Hs.310456	12874	-1.2657875	0.74180924	0.010027189				0.3823375	1.05404142	0.388098143		
PIK3AP1	NM_152309_bp853_R	AGCTAAAAAGGAAGGTTTCTCTGAAGATATTCTCTTGAAATATCTTCAGAGAAACGTTCCGG	Hs.310456	782	3.3964375	1.29981362	0.001232438				2.143025	0.84969486	0.007150164		
PIK3AP1	NM_152309_bp853_R	AGCTAAAAAGGAAGGTTTCTCTGAAGATATTCTCTTGAAATATCTTCAGAGAAACGTTCCGG	Hs.310456	6158	4.1894375	1.34788181	0.000546476				2.162925	0.77530723	0.005945905		
PIK3AP1	NM_152309_bp853_R	AGCTAAAAAGGAAGGTTTCTCTGAAGATATTCTCTTGAAATATCTTCAGAGAAACGTTCCGG	Hs.310456	11534	4.6430375	1.35933412	0.000349456				2.498225	1.21997618	0.008535193		
PIK3C2A	NM_002645_bp1715_R	AGCTAAAAGAGCAGTAGATCAAGTAATTATCTCTTGAATAATTACTTGATCTACTGCTCGG	Hs.175343	2082				-0.9578	0.50349482	0.032092735					
PIK3C2A	NM_002645_bp1715_R	AGCTAAAAAGAGCAGTAGATCAAGTAATTATCTCTTGAATAATTACTTGATCTACTGCTCGG	Hs.175343	7458				-0.747733333	0.62462584	0.08959235					
PIK3C2A	NM_002645_bp1715_R	AGCTAAAAAGAGCAGTAGATCAAGTAATTATCTCTTGAATAATTACTTGATCTACTGCTCGG	Hs.175343	12834				-0.82115	0.75639212	0.162203379					
PIK3C2A	NM_002645_bp1895_R	AGCTAAAAGGGGCTCAATTAATCCTGAAATCTCTTGAATTTCAGGATTAAGTGAGCCCCGG	Hs.175343	898	-0.458375	0.36758115	0.06259224	-0.011766667	0.3407382	0.961160503					
PIK3C2A	NM_002645_bp1895_R	AGCTAAAAGGGGCTCAACTTAATCCTGAAATCTCTTGAATTTCAGGATTAAGTGAGCCCCGG	Hs.175343	6274	-0.497175	0.26081019	0.028912783	0.271	0.38265661	0.326087877					
PIK3C2A	NM_002645_bp1895_R	AGCTAAAAGGGGCTCAACTTAATCCTGAAATCTCTTGAATTTCAGGATTAAGTGAGCCCCGG	Hs.175343	11650	-0.3468	0.36029996	0.127507145	0.083766667	0.30342641	0.718999444					
PIK3C2A	NM_002645_bp3783_R	AGCTAAAAGGGACACATGTTTCACATTGATCTCTTGAATCAATGTGAAACATGTGTCCCGG	Hs.175343	12836	1.38755	0.60397838	0.00344223	0.568825	0.29759971	0.027602407					
PIK3C2A	NM_002645_bp3783_R	AGCTAAAAGGGACACATGTTTCACATTGATCTCTTGAATCAATGTGAAACATGTGTCCCGG	Hs.175343	2084	1.005733333	0.35193686	0.010159414	0.951533333	0.45725293	0.022564099					
PIK3C2A	NM_002645_bp3783_R	AGCTAAAAGGGACACATGTTTCACATTGATCTCTTGAATCAATGTGAAACATGTGTCCCGG	Hs.175343	7460	0.974325	0.26004626	0.001899259	0.6059	0.54106681	0.115210985					
PIK3C2B	NM_002646_bp3251_R	AGCTAAAAGGCCCTGAAGTATGAATGCTATCTCTTGAATAGCATTCATACTTCAGGGCCGG	Hs.497487	899	0.65415	0.13531914	0.005347203	0.337033333	0.50819892	0.302141969					
PIK3C2B	NM_002646_bp3251_R	AGCTAAAAGGCCCTGAAGTATGAATGCTATCTCTTGAATAGCATTCATACTTCAGGGCCGG	Hs.497487	6275	0.860875	0.30602166	0.004393927	0.623475	0.33735403	0.025057263					
PIK3C2B	NM_002646_bp3251_R	AGCTAAAAGGCCCTGAAGTATGAATGCTATCTCTTGAATAGCATTCATACTTCAGGGCCGG	Hs.497487	11651	0.969825	0.26555038	0.002009605	0.778925	0.17613337	0.00444866					
PIK3C2B	NM_002646_bp4703_R	AGCTAAAAGTTCCAGGAATTACACAATAATCTCTTGAATTATTGTGTAATTCCTGGAACGG	Hs.497487	900	-0.27045	0.21062454	0.136842334	-0.260575	0.35125991	0.240799487					
PIK3C2B	NM_002646_bp4703_R	AGCTAAAAGTTCCAGGAATTACACAATAATCTCTTGAATTATTGTGTAATTCCTGGAACGG	Hs.497487	6276	0.780275	0.99904399	0.113424801	-0.097925	0.4805657	0.695859223					
PIK3C2B	NM_002646_bp4703_R	AGCTAAAAGTTCCAGGAATTACACAATAATCTCTTGAATTATTGTGTAATTCCTGGAACGG	Hs.497487	11652	0.169825	0.26250861	0.348832003	-0.121	0.32526392	0.545409835					
PIK3C2G	NM_004570_bp3248_R	AGCTAAAAGGGCCACATGTTTCATATTGATCTCTTGAATCAATGTGAAACATGTGGCCCGG	Hs.22500	2114	-0.079066667	0.22171561	0.698251623	1.937933333	1.98846622	0.103291783					
PIK3C2G	NM_004570_bp3248_R	AGCTAAAAGGGCCACATGTTTCATATTGATCTCTTGAATCAATGTGAAACATGTGGCCCGG	Hs.22500	7490	0.014	0.47166772	0.958763429	2.117066667	2.26627294	0.112466352					
PIK3C2G	NM_004570_bp3248_R	AGCTAAAAGGGCCACATGTTTCATATTGATCTCTTGAATCAATGTGAAACATGTGGCCCGG	Hs.22500	12866	0.188066667	0.27437366	0.401960557	1.4304	2.24506403	0.27713629					
PIK3C2G	NM_004570_bp3412_R	AGCTAAAAAGCTGTCGTGCTTATAATATTATCTCTTGAATAATATTATAAGCACGACAGCGG	Hs.22500	938	-0.79805	0.30907637	0.057968392	-0.3772							
PIK3C2G	NM_004570_bp3412_R	AGCTAAAAAGCTGTCGTGCTTATAATATTATCTCTTGAATAATATTATAAGCACGACAGCGG	Hs.22500	11690				0.6301							
PIK3C2G	NM_004570_bp3412_R	AGCTAAAAAGCTGTCGTGCTTATAATATTATCTCTTGAATAATATTATAAGCACGACAGCGG	Hs.22500	6314											
PIK3C2G	NM_004570_bp4277_R	AGCTAAAAAGACCCCACTTACAATGAAATCTCTTGAAATTTCATTGTAAGTGGGGTCCCGG	Hs.22500	7492				0.0947							
PIK3C2G	NM_004570_bp4277_R	AGCTAAAAAGACCCCACTTACAATGAAATCTCTTGAAATTTCATTGTAAGTGGGGTCCCGG	Hs.22500	12868				0.3071							
PIK3C3	NM_002647_bp1150_R	AGCTAAAAAGGAGCTGTTATCCTCTCTCATTATCTCTTGAATAATGAGAGGATAACAGCTCCGG	Hs.464971	913	-0.46665	0.4622357	0.219254791	-0.6985							
PIK3C3	NM_002647_bp1150_R	AGCTAAAAAGGAGCTGTTATCCTCTCTCATTATCTCTTGAATAATGAGAGGATAACAGCTCCGG	Hs.464971	6289	-0.32205	0.64976042	0.430217893								
PIK3C3	NM_002647_bp1150_R	AGCTAAAAAGGAGCTGTTATCCTCTCTCATTATCTCTTGAATAATGAGAGGATAACAGCTCCGG	Hs.464971	11665	-0.0505	0.58166604	0.889450681								
PIK3C3	NM_002647_bp1941_R	AGCTAAAAAGAGGCAAATATCCAGTTATATTCTCTTGAAATATAACTGGATATTTGCCTCGG	Hs.464971	11666											
PIK3C3	NM_002647_bp1941_R	AGCTAAAAAGAGGCAAATATCCAGTTATATTCTCTTGAAATATAACTGGATATTTGCCTCGG	Hs.464971	6290											
PIK3C3	NM_002647_bp2126_R	AGCTAAAAGTGGCTGAAGTTCTTGATACATCTCTTGAATGTATCAAGAACTTCAGCCACGG	Hs.464971	915	-0.269875	0.40657243	0.242107434	-0.0729	0.40734203	0.744733226					
PIK3C3	NM_002647_bp2126_R	AGCTAAAAGTGGCTGAAGTTCTTGATACATCTCTTGAATGTATCAAGAACTTCAGCCACGG	Hs.464971	6291	-0.266	0.35038483	0.214621171	0.078675	0.36529353	0.708202384					
PIK3C3	NM_002647_bp2126_R	AGCTAAAAGTGGCTGAAGTTCTTGATACATCTCTTGAATGTATCAAGAACTTCAGCCACGG	Hs.464971	11667	-0.138875	0.80500312	0.697357374	0.11335	0.45595285	0.640318756					
PIK3CA	NM_006218_bp1169_R	AGCTAAAAGGGCTGAATATGATATATACATCTCTTGAATGTATATATCATAATTCAGCCGG	Hs.478376	944	-0.4552125	1.09143655	0.349551815				-0.22378333	0.83541198	0.564904531		
PIK3CA	NM_006218_bp1169_R	AGCTAAAAGGGCTGAATATGATATATACATCTCTTGAATGTATATATCATAATTCAGCCGG	Hs.478376	6320	-0.4646625	1.10328092	0.344867324				-0.08641667	0.34519051	0.75249183		
PIK3CA	NM_006218_bp1169_R	AGCTAAAAGGGCTGAATATGATATATACATCTCTTGAATGTATATATCATAATTCAGCCGG	Hs.478376	11696	-0.6207125	1.05762591	0.207331161				-0.02521667	0.41740559	0.929965111		
PIK3CA	NM_006218_bp127_R	AGCTAAAAGAGGCTACATTAGTAACTATATCTCTTGAATATAGTTACTAATGTAGCCTCGG	Hs.478376	945	-0.34218333	0.51446771	0.270410933				0.1597				
PIK3CA	NM_006218_bp127_R	AGCTAAAAGAGGCTACATTAGTAACTATATCTCTTGAATATAGTTACTAATGTAGCCTCGG	Hs.478376	6321	0.07905						-0.0957				
PIK3CA	NM_006218_bp127_R	AGCTAAAAGAGGCTACATTAGTAACTATATCTCTTGAATATAGTTACTAATGTAGCCTCGG	Hs.478376	11697	-0.231016667	0.47109361	0.414927067				-0.1129				
PIK3CA	NM_006218_bp3031_R	AGCTAAAAGGGCTCTGGAATGCCAGAACTATCTCTTGAATAGTTCTGGCATTCCAGAGCCGG	Hs.478376	946	0.6092375	1.02054789	0.202097829				0.3318625	0.73329577	0.330866291		
PIK3CA	NM_006218_bp3031_R	AGCTAAAAGGGCTCTGGAATGCCAGAACTATCTCTTGAATAGTTCTGGCATTCCAGAGCCGG	Hs.478376	6322	0.5876875	1.05262376	0.227068764				0.2271625	0.82370122	0.529263556		
PIK3CA	NM_006218_bp3031_R	AGCTAAAAGGGCTCTGGAATGCCAGAACTATCTCTTGAATAGTTCTGGCATTCCAGAGCCGG	Hs.478376	11698	0.6047125	1.05804695	0.21761938				0.3776375	0.90040105	0.338616715		
PIK3CB	NM_006219_bp1462_R	AGCTAAAAGCAACAGCTTTGCATGTTAAATCTCTTGAATTTAACATGCAAAGCTGTTGCGG	Hs.239818	2120	-0.9321375	0.17692837	0.001392616				-0.5172125	0.32615605	0.051042199		
PIK3CB	NM_006219_bp1462_R	AGCTAAAAGCAACAGCTTTGCATGTTAAATCTCTTGAATTTAACATGCAAAGCTGTTGCGG	Hs.239818	7496	-0.9684875	0.21437875	0.001654552				-0.4415375	0.42139484	0.106289159		
PIK3CB	NM_006219_bp1462_R	AGCTAAAAGCAACAGCTTTGCATGTTAAATCTCTTGAATTTAACATGCAAAGCTGTTGCGG	Hs.239818	12872	-0.8300875	0.07696521	0.001513616				-0.4277875	0.46499031	0.121187049		
PIK3CB	NM_006219_bp1816_R	AGCTAAAAGCCCTAGAGCTTCTGGATTTCTCTCTGAAGAAATCCAGAAGCTCTAGGGCCGG	Hs.239818	947	0.766516667	2.58129944	0.511297413				-1.468825	2.83397791	0.228660533		
PIK3CB	NM_006219_bp1816_R	AGCTAAAAGCCCTAGAGCTTCTGGATTTCTCTCTGAAGAAATCCAGAAGCTCTAGGGCCGG	Hs.239818	6323	1.29545	3.57115321	0.426190577				0.5507				
PIK3CB	NM_006219_bp1816_R	AGCTAAAAGCCCTAGAGCTTCTGGATTTCTCTCTGAAGAAATCCAGAAGCTCTAGGGCCGG	Hs.239818	11699	-0.76265	0.41698087	0.078283767				0.575				
PIK3CB	NM_006219_bp2358_R	AGCTAAAAGTGGCTGGTATACAATAACAATCTCTTGAATTGTTATTGTATACCAGCCACGG	Hs.239818	948	2.7998125	2.02175737	0.016593208				0.8043833333	2.07190471	0.35092898		
PIK3CB	NM_006219_bp2358_R	AGCTAAAAGTGGCTGGTATACAATAACAATCTCTTGAATTGTTATTGTATACCAGCCACGG	Hs.239818	6324	3.1292125	2.41247822	0.020847669				0.71455	2.10862729	0.409983236		
PIK3CB	NM_006219_bp2358_R	AGCTAAAAGTGGCTGGTATACAATAACAATCTCTTGAATTGTTATTGTATACCAGCCACGG	Hs.239818	11700	3.2975625	2.69038158	0.025396316				0.708816667	2.12812999	0.417174102		
PIK3CD	NM_005026_bp2046_R	AGCTAAAAGGTGCTCAAGTACGAGTCCTATCTCTTGAATGGACTCGTACTTGAGCACCGG	Hs.518451	939	-0.433575	0.35431151	0.068577584	-0.863275	0.42669573	0.012993051					
PIK3CD	NM_005026_bp2046_R	AGCTAAAAGGTGCTCAAGTACGAGTCCTATCTCTTGAATGGACTCGTACTTGAGCACCGG	Hs.518451	6315	-0.685333333	0.2100867	0.021548918	-0.4507	0.53599952	0.142773787					
PIK3CD	NM_005026_bp2046_R	AGCTAAAAGGTGCTCAAGTACGAGTCCTATCTCTTGAATGGACTCGTACTTGAGCACCGG	Hs.518451	11691	-0.331275	0.74158541	0.340360475	-0.898	0.32038436	0.005995314					
PIK3CD	NM_005026_bp2932_R	AGCTAAAAGCCACCTTCTGGGGAATTTCTCTCTTGAAGAAATTCCCCAGAAAGTGGCCCGG	Hs.518451	940	-0.33905	0.53499987	0.22314487	-0.937675	0.52509679	0.016379231					
PIK3CD	NM_005026_bp2932_R	AGCTAAAAGCCACCTTCTGGGGAATTTCTCTCTTGAAGAAATTCCCCAGAAAGTGGCCCGG	Hs.518451	6316	-0.3818	0.47092745	0.147882817	-0.7356	0.38487651	0.018321249					
PIK3CD	NM_005026_bp2932_R	AGCTAAAAGCCACCTTCTGGGGAATTTCTCTCTTGAAGAAATTCCCCAGAAAGTGGCCCGG	Hs.518451	11692	-0.083525	0.33680941	0.668076436	-0.393075	0.22639139	0.061595889					
PIK3CD	NM_005026_bp760_R	AGCTAAAAGCCCTTCTGGTCAACGTTAAGTTCTTGAACTTAACGTTGACCAGAAGGGCCGG	Hs.518451	11693	-0.38365	0.1064857	0.036886368	-0.12435	0.13843864	0.42210087					
PIK3CD	NM_005026_bp760_R	AGCTAAAAGCCCTTCTGGTCAACGTTAAGTTCTTGAACTTAACGTTGACCAGAAGGGCCGG	Hs.518451	941	-0.3685	0.19544431	0.234897075	0.0022							
PIK3CD	NM_005026_bp760_R	AGCTAAAAGCCCTTCTGGTCAACGTTAAGTTCTTGAACTTAACGTTGACCAGAAGGGCCGG	Hs.518451	6317	-0.6484										
PIK3CG	NM_002649_bp1546_R	AGCTAAAAGTGGCTTGAGTTCAGTATCAACTCTTGAATTGATACTGAACTCAAGCCACGG	Hs.3294	916	1.2834	0.96665405	0.022723631	0.3581	0.16313892	0.062339236					
PIK3CG	NM_002649_bp1546_R	AGCTAAAAGTGGCTTGAGTTCAGTATCAACTCTTGAATTGATACTGAACTCAAGCCACGG	Hs.3294	6292	1.206	0.5308817	0.004172764	0.73035	0.52921208	0.038244201					
PIK3CG	NM_002649_bp1546_R	AGCTAAAAGTGGCTTGAGTTCAGTATCAACTCTTGAATTGATACTGAACTCAAGCCACGG	Hs.3294	11668	1.54975	0.36109872	0.000466839	0.9585	0.24646627	0.002921513					
PIK3CG	NM_002649_bp3207_R	AGCTAAAAAGGCACATTCTTGGGAATTACATCTCTTGAATGTAATTCCCAAGAATGTGCCGG	Hs.3294	917	-0.175	0.10875983	0.254340188	-0.537575	0.46166038	0.071059196					
PIK3CG	NM_002649_bp3207_R	AGCTAAAAGGCACATTCTTGGGAATTACATCTCTTGAATGTAATTCCCAAGAATGTGCCGG	Hs.3294	6293	0.0997	0.36982583	0.627080931	0.21615	0.60887887	0.478883651					
PIK3CG	NM_002649_bp3207_R	AGCTAAAAGGCACATTCTTGGGAATTACATCTCTTGAATGTAATTCCCAAGAATGTGCCGG	Hs.3294	11669	0.325725	0.40012617	0.166989936	0.135425	0.43276963	0.565969242					
PIK3CG	NM_002649_bp3545_R	AGCTAAAAAGGATGGACTGTGCAGTTTAATTCTCTTGAAATTAAACTGCACAGTCCATCCGG	Hs.3294	918	0.345225	0.56767415	0.233239214	0.442075	0.49905549	0.132802407					
PIK3CG	NM_002649_bp3545_R	AGCTAAAAAGGATGGACTGTGCAGTTTAATTCTCTTGAAATTAAACTGCACAGTCCATCCGG	Hs.3294	6294	0.341433333	0.5745712	0.304656689	0.701266667	0.49622512	0.071953932					
PIK3CG	NM_002649_bp3545_R	AGCTAAAAGGATGGACTGTGCAGTTTAATTCTCTTGAAATTAAACTGCACAGTCCATCCGG	Hs.3294	11670	0.462466667	0.74387657	0.252045063	0.761366667	0.51978312	0.062999681					
PIK3R1	NM_181523_bp1698_R	AGCTAAAAGGCAGCTGAGTATCGAGAAATCTCTTGAAATTTCTCGATACTCAGCTGCCGG	Hs.132225	783	-0.7156625	0.49189746	0.026394979				-0.8222875	0.93512399	0.069780248		
PIK3R1	NM_181523_bp1698_R	AGCTAAAAGCAGCTGAGTATCGAGAAATCTCTTGAAATTTCTCGATACTCAGCTGCCGG	Hs.132225	6159	-0.7693625	0.46031956	0.012753916				-0.8443125	1.09130535	0.09237482		
PIK3R1	NM_181523_bp1698_R	AGCTAAAAGCAGCTGAGTATCGAGAAATCTCTTGAAATTTCTCGATACTCAGCTGCCGG	Hs.132225	11535	-0.8640375	0.53593396	0.0165261118				-0.8466875	0.97775387	0.07092662		
PIK3R1	NM_181523_bp2032_R	AGCTAAAAGACGGCGAAGTAAAGCATTGTTCTCTTGAAACAATGCTTTACTTCGCCGTCGG	Hs.132225	784	2.7233125	0.66738714	0.000222014				2.528616667	1.53816545	0.008128099		
PIK3R1	NM_181523_bp2032_R	AGCTAAAAGACGGCGAAGTAAAGCATTGTTCTCTTGAAACAATGCTTTACTTCGCCGTCGG	Hs.132225	6160	3.6166125	0.9306291	0.000219383				2.995016667	1.91088875	0.008887095		
PIK3R1	NM_181523_bp2032_R	AGCTAAAAGACGGCGAAGTAAAGCATTGTTCTCTTGAAACAATGCTTTACTTCGCCGTCGG	Hs.132225	11536	3.9115125	0.74279356	5.88E-05				3.022683333	2.21418101	0.014620382		
PIK3R2	NM_005027_bp1356_R	AGCTAAAAGCGGGAACAATAAGCTGATCATCTCTTGAATGATCAGCTTATTGTTCCCGCGG	Hs.371344	942	-

PIM1	NM_002648_bp1048_R	AGCTAAAAGGGATCCTGCTGTATGATATGTCTCTTGAACATATCATACAGCAGGATCCCGG	Hs.81170	7	-0.535366667	0.31082153	0.06270192	-0.0196125	0.24253418	0.909232582									
PIM1	NM_002648_bp1048_R	AGCTAAAAGGGATCCTGCTGTATGATATGTCTCTTGAACATATCATACAGCAGGATCCCGG	Hs.81170	5383	0.297033333	0.31256974	0.22974836	0.0383625	0.26558954	0.829950634									
PIM1	NM_002648_bp1048_R	AGCTAAAAGGGATCCTGCTGTATGATATGTCTCTTGAACATATCATACAGCAGGATCCCGG	Hs.81170	10759	-0.645033333	0.53132751	0.077425767	0.0589875	0.24405558	0.733884744									
PIM1	NM_002648_bp1134_R	AGCTAAAAGAGGGTCTCTTCAGAATGTCATCTCTTGAATGACATTCTGAAGAGACCCTCGG	Hs.81170	8	-0.0971	0.23864812	0.567720864	0.0811875	0.36969088	0.701412863									
PIM1	NM_002648_bp1134_R	AGCTAAAAGAGGGTCTCTTCAGAATGTCATCTCTTGAATGACATTCTGAAGAGACCCTCGG	Hs.81170	5384	-0.090125	0.2400107	0.595665943	-0.0162875	0.26885861	0.927549964									
PIM1	NM_002648_bp1134_R	AGCTAAAAGAGGGTCTCTTCAGAATGTCATCTCTTGAATGACATTCTGAAGAGACCCTCGG	Hs.81170	10760	-0.087725	0.23591075	0.603179359	0.0631875	0.28209303	0.731436182									
PIM1	NM_002648_bp1218_R	AGCTAAAAGAACCATCCATGGATGCAAGATCTCTTGAATCTTGCATCCATTGGATGGTTCGG	Hs.81170	9	1.449175	0.69399889	0.004575013	0.2665375	0.42942845	0.281088543									
PIM1	NM_002648_bp1218_R	AGCTAAAAGAACCATCCATGGATGCAAGATCTCTTGAATCTTGCATCCATTGGATGGTTCGG	Hs.81170	5385	1.427975	0.7393409	0.006060462	0.2938625	0.45230401	0.25488548									
PIM1	NM_002648_bp1218_R	AGCTAAAAGAACCATCCATGGATGCAAGATCTCTTGAATCTTGCATCCATTGGATGGTTCGG	Hs.81170	10761	1.48405	0.70067991	0.004273106	0.2994625	0.44420566	0.242370876									
PIM2	NM_006875_bp595_R	AGCTAAAGCTGCTTTTGGCCAAGTAGTCTCTTGAACTACTTGGCCAAAGAAGCAGCGG	Hs.496096	28				1.94005	2.09140973	0.156670937									
PIM2	NM_006875_bp595_R	AGCTAAAAGCTGCTTTTGGCCAAGTAGTCTCTTGAACTACTTGGCCAAAGAAGCAGCGG	Hs.496096	5404				0.449											
PIM2	NM_006875_bp595_R	AGCTAAAAGCTGCTTTTGGCCAAGTAGTCTCTTGAACTACTTGGCCAAAGAAGCAGCGG	Hs.496096	10780				1.417883333	1.71378648	0.148402391									
PIM2	NM_006875_bp730_R	AGCTAAAAGTGCCCTGCTTCATGATGAACTTCTTGAAGTCATCATGAAGCAGGGCACGG	Hs.496096	29	0.541975	0.5711695	0.087597865	0.2075125	0.45281906	0.40407149									
PIM2	NM_006875_bp730_R	AGCTAAAAGTGCCCTGCTTCATGATGAACTTCTTGAAGTCATCATGAAGCAGGGCACGG	Hs.496096	5405	0.373025	0.51206234	0.17537421	0.1892125	0.50603883	0.476184314									
PIM2	NM_006875_bp730_R	AGCTAAAAGTGCCCTGCTTCATGATGAACTTCTTGAAGTCATCATGAAGCAGGGCACGG	Hs.496096	10781	0.57175	0.57410246	0.076435537	0.2542375	0.53422248	0.366683593									
PIM2	NM_006875_bp871_R	AGCTAAAAGGGGGACATTCCCCTTGAGATCTCTTGAATCTCAAAGGGAATGTCCCCACGG	Hs.496096	30				-1.5051											
PIM2	NM_006875_bp871_R	AGCTAAAAGTGGGGGACATTCCCCTTGAGATCTCTTGAATCTCAAAGGGAATGTCCCCACGG	Hs.496096	5406				-0.464783333	0.58759658	0.211596663									
PIM2	NM_006875_bp871_R	AGCTAAAAGTGGGGGACATTCCCCTTGAGATCTCTTGAATCTCAAAGGGAATGTCCCCACGG	Hs.496096	10782				-1.1262											
PIM3	BC052239_bp1811_R	AGCTAAAAGCCTGAGCGTTTAATTTATTCTCTCTTGAAGAATAAATTAAACGCTCAGGCGG	Hs.530381	55															
PIM3	BC052239_bp1811_R	AGCTAAAAGCCTGAGCGTTTAATTTATTCTCTCTTGAAGAATAAATTAAACGCTCAGGCGG	Hs.530381	5431															
PIM3	BC052239_bp1811_R	AGCTAAAAGCCTGAGCGTTTAATTTATTCTCTCTTGAAGAATAAATTAAACGCTCAGGCGG	Hs.530381	10807															
PIM3	BC052239_bp421_R	AGCTAAAAGCAGGACCTCTTCGACTTTATTCTCTCTTGAATAAAGTCGCAAGAGGTCCTGCGG	Hs.530381	1537	-0.63595	0.16626666	0.006948733	-0.0811125	0.23777074	0.6390878									
PIM3	BC052239_bp421_R	AGCTAAAAGCAGGACCTCTTCGACTTTATTCTCTCTTGAATAAAGTCGCAAGAGGTCCTGCGG	Hs.530381	6913	-0.8672	0.40758728	0.008007615	0.0392375	0.09630444	0.784096712									
PIM3	BC052239_bp421_R	AGCTAAAAGCAGGACCTCTTCGACTTTATTCTCTCTTGAATAAAGTCGCAAGAGGTCCTGCGG	Hs.530381	12289	-0.6028	0.38639247	0.028292523	-0.0934125	0.45729781	0.699543898									
PIM3	BC052239_bp728_R	AGCTAAAAAGGCGTGCTTCTCTACGATATGTCTCTTGAACATATCGTAGAGAAGCACGCCGG	Hs.530381	56	0.944875	0.23791063	0.001890791	0.1298125	0.18437405	0.42883715									
PIM3	BC052239_bp728_R	AGCTAAAAGGCGTGCTTCTCTACGATATGTCTCTTGAACATATCGTAGAGAAGCACGCCGG	Hs.530381	5432	0.934125	0.23284798	0.001927711	0.1379875	0.15676332	0.386724151									
PIM3	BC052239_bp728_R	AGCTAAAAGGCGTGCTTCTCTACGATATGTCTCTTGAACATATCGTAGAGAAGCACGCCGG	Hs.530381	10808	0.75075	0.20912221	0.004351881	0.0572375	0.14982248	0.706904312									
PINK1	NM_032409_bp1071_R	AGCTAAAAGCCAGTACCTTTGTGTGAACATCTCTTGAATGTTCACACAAAGGTACTGGCGG	Hs.389171	751	-0.56025	0.0955777	0.008719168	-0.05165	0.1132078	0.852025401									
PINK1	NM_032409_bp1071_R	AGCTAAAAGCCAGTACCTTTGTGTGAACATCTCTTGAATGTTCACACAAAGGTACTGGCGG	Hs.389171	6127	0.40765	2.13734044	0.646588351	-0.127875	0.36516436	0.548320778									
PINK1	NM_032409_bp1071_R	AGCTAAAAGCCAGTACCTTTGTGTGAACATCTCTTGAATGTTCACACAAAGGTACTGGCGG	Hs.389171	11503	0.213875	0.77821486	0.542509633	-0.1807	0.38556769	0.419654711									
PINK1	NM_032409_bp1601_R	AGCTAAAAGCCGCAAATGTGCTTCATCTATCTCTTGAATAGATGAAGCACATTTGCGGCCGG	Hs.389171	752	-0.137075	0.21103195	0.411000745	-0.2731	0.1211478	0.207792058									
PINK1	NM_032409_bp1601_R	AGCTAAAAGCCGCAAATGTGCTTCATCTATCTCTTGAATAGATGAAGCACATTTGCGGCCGG	Hs.389171	6128	-0.139225	0.20538045	0.400906837	-0.220333333	0.18826865	0.314581598									
PINK1	NM_032409_bp1601_R	AGCTAAAAGCCGCAAATGTGCTTCATCTATCTCTTGAATAGATGAAGCACATTTGCGGCCGG	Hs.389171	11504	-0.205375	0.32754609	0.307852858	0.331025	0.24640788	0.105320226									
PINK1	NM_032409_bp550_R	AGCTAAAAGCTGGAGGAGTATCTGATAGGTCTCTTGAACCTATCAGATACTCCTCCAGCGG	Hs.389171	1991	0.12465	0.80024646	0.725323721	-0.04965	0.17667014	0.752093516									
PINK1	NM_032409_bp550_R	AGCTAAAAGCTGGAGGAGTATCTGATAGGTCTCTTGAACCTATCAGATACTCCTCCAGCGG	Hs.389171	7367	-0.157025	1.22484834	0.761991467	-0.01795	0.1855932	0.909699951									
PINK1	NM_032409_bp550_R	AGCTAAAAGCTGGAGGAGTATCTGATAGGTCTCTTGAACCTATCAGATACTCCTCCAGCGG	Hs.389171	12743	0.74475	0.78851779	0.074234423	-0.211025	0.55392866	0.458444822									
PITPNC1	AK094724_bp1495_R	AGCTAAAAGCCATAGTTCTTGAGATTTAATCTCTTGAATTAAATCTCAAGAACTATGGCGG	Hs.231295	4876	-0.5806875	0.26933503	0.017248344	-0.0999375	0.22247112	0.557353284									
PITPNC1	AK094724_bp1495_R	AGCTAAAAGCCATAGTTCTTGAGATTTAATCTCTTGAATTAAATCTCAAGAACTATGGCGG	Hs.231295	10252	-0.532925	0.27700779	0.024608795	-0.0696625	0.17416699	0.658416355									
PITPNC1	AK094724_bp1495_R	AGCTAAAAGCCATAGTTCTTGAGATTTAATCTCTTGAATTAAATCTCAAGAACTATGGCGG	Hs.231295	15628	-0.4111125	0.30117259	0.06440863	0.2602125	0.31342781	0.217879372									
PITPNC1	AK094724_bp1954_R	AGCTAAAAGCTGGGATCTTGATTGGTTAATCTCTTGAATTAACCAATCAAGATCCCAGCGG	Hs.231295	4874	0.1656375	0.19684193	0.319805368	0.4102625	0.27007667	0.065972567									
PITPNC1	AK094724_bp1954_R	AGCTAAAAGCTGGGATCTTGATTGGTTAATCTCTTGAATTAACCAATCAAGATCCCAGCGG	Hs.231295	10250	0.1228875	0.28386298	0.501159835	0.3101125	0.19259639	0.088877272									
PITPNC1	AK094724_bp1954_R	AGCTAAAAGCTGGGATCTTGATTGGTTAATCTCTTGAATTAACCAATCAAGATCCCAGCGG	Hs.231295	15626	0.3722875	0.23458025	0.06485063 4	0.5016375	0.08069758	0.015880379									
PITPNC1	AK094724_bp398_R	AGCTAAAAGGCTGCATGATGGAAATTAGATCTCTTGAATCTAATTTCCATCATGCAGCCGG	Hs.231295	4848	0.6904625	0.57557822	0.043557374	-0.05435	0.061589	0.84220819									
PITPNC1	AK094724_bp398_R	AGCTAAAAGGCTGCATGATGGAAATTAGATCTCTTGAATCTAATTTCCATCATGCAGCCGG	Hs.231295	10224	0.657516667	0.09379278	0.018318464	-0.1851625	0.43740356	0.443091683									
PITPNC1	AK094724_bp398_R	AGCTAAAAGGCTGCATGATGGAAATTAGATCTCTTGAATCTAATTTCCATCATGCAGCCGG	Hs.231295	15600	0.6808375	0.58619705	0.04758909												
PKD2	NM_000297_bp1205_R	AGCTAAAAAGGGGAATCATTGCAACTTATATCTCTTGAATATAAGTTGCAATGATTCCCCGG	Hs.181272	124	4.8674			1.8277											
PKD2	NM_000297_bp1205_R	AGCTAAAAAGGGGAATCATTGCAACTTATATCTCTTGAATATAAGTTGCAATGATTCCCCGG	Hs.181272	5500	8.5735			1.7094											
PKD2	NM_000297_bp1205_R	AGCTAAAAAGGGGAATCATTGCAACTTATATCTCTTGAATATAAGTTGCAATGATTCCCCGG	Hs.181272	10876	2.7932			1.7388											
PKD2	NM_000297_bp1612_R	AGCTAAAAGTGCTGTCAGTGGTAGCTATATCTCTTGAATATAGCTACACTGACAGCACGG	Hs.181272	125	2.6915			-0.20585											
PKD2	NM_000297_bp1612_R	AGCTAAAAGTGCTGTCAGTGGTAGCTATATCTCTTGAATATAGCTACACTGACAGCACGG	Hs.181272	5501	3.3943			-0.18925											
PKD2	NM_000297_bp1612_R	AGCTAAAAGTGCTGTCAGTGGTAGCTATATCTCTTGAATATAGCTACACTGACAGCACGG	Hs.181272	10877	3.2898			-0.13425											
PKD2	NM_000297_bp1728_R	AGCTAAAAGCAGATACAGTTCAACAATATTCTCTTGAAATATTGTTGAACTGTATCTGCGG	Hs.181272	126				0.5848625	0.79582821	0.16173878									
PKD2	NM_000297_bp1728_R	AGCTAAAAGCAGATACAGTTCAACAATATTCTCTTGAAATATTGTTGAACTGTATCTGCGG	Hs.181272	5502				0.5604125	0.78721375	0.173074374									
PKD2	NM_000297_bp1728_R	AGCTAAAAGCAGATACAGTTCAACAATATTCTCTTGAAATATTGTTGAACTGTATCTGCGG	Hs.181272	10878				0.4949875	0.83491168	0.238666806									
PKIA	NM_006823_bp1156_R	AGCTAAAAAGCTCAAGTGTTCACCAGTAATCTCTTGAATTACTGGGTGAACACTTGAGCGG	Hs.433700	3154	-0.022375	0.58212066	0.934650813				0.4342125	0.36307904	0.095946923	0.194125	0.79584885	0.65909044	-0.03165	0.19466576	0.766408111
PKIA	NM_006823_bp1156_R	AGCTAAAAGCTCAAGTGTTCACCAGTAATCTCTTGAATTACTGGGTGAACACTTGAGCGG	Hs.433700	8530	-0.67185	0.86455784	0.119565012				0.6605875	0.42663467	0.029872146	0.260575	0.75207849	0.538169242	0.0758	0.2305266	0.557734069
PKIA	NM_006823_bp1156_R	AGCTAAAAGCTCAAGTGTTCACCAGTAATCTCTTGAATTACTGGGTGAACACTTGAGCGG	Hs.433700	13906	-0.6801	0.33399382	0.034053765				0.9335375	0.39403925	0.00608616	0.29465	0.76055163	0.494905048	0.090575	0.17806363	0.383897025
PKIA	NM_006823_bp1610_R	AGCTAAAAGAGAAACTTCCCCACATAATCTCTTGAAATTATGTGGGAGAAGTTCTCCGG	Hs.433700	3152	1.028375	0.84564915	0.03271752	-0.221875	0.69177461	0.491755802	-0.041025	0.510612	0.882548885	0.401675	0.67663723	0.382564385	0.401675	0.67663723	0.320564385
PKIA	NM_006823_bp1610_R	AGCTAAAAGAGAAACTTCCCCACATAATCTCTTGAAATTATGTGGGAGAAGTTCTCCGG	Hs.433700	8528	1.25715	0.30590239	0.000808351	-0.383635	0.67944918	0.245923298	-0.049175	0.43133721	0.834294048	0.624425	0.51556826	0.093976957			
PKIA	NM_006823_bp1610_R	AGCTAAAAGAGAAACTTCCCCACATAATCTCTTGAAATTATGTGGGAGAAGTTCTCCGG	Hs.433700	13904	1.353775	0.70156381	0.066323953	0.14795	0.59331393	0.652247405	0.547875	0.58324885	0.156896559						
PKIA	NM_006823_bp654_R	AGCTAAAAGGTCTTGATATCAACAAGACATCTCTTGAATGTCTTGTTGATATCAAGACCGG	Hs.433700	3150	0.512925	0.46033822	0.06694625				1.1966625	0.96495231	0.02019111	0.14995	0.45110902	0.553712623	0.274125	0.29250195	0.157573927
PKIA	NM_006823_bp654_R	AGCTAAAAGGTCTTGATATCAACAAGACATCTCTTGAATGTCTTGTTGATATCAAGACCGG	Hs.433700	8526	0.3533	0.50405491	0.191150567				0.8590125	0.23924431	0.004804791	0.153225	0.46296053	0.555317438	0.35775	0.3669555	0.146298411
PKIA	NM_006823_bp654_R	AGCTAAAAGGTCTTGATATCAACAAGACATCTCTTGAATGTCTTGTTGATATCAAGACCGG	Hs.433700	13902	0.884625	0.61645897	0.022266987				0.3642875	0.27352712	0.123871802	0.187375	0.4838615	0.495075467	0.3492	0.3729303	0.157825327
PKMYT1	NM_182687_bp1334_R	AGCTAAAAGGAAGTGGCATGCAACATGGATCTCTTGAATCCATGTTGCATGCCACTTCCGG	Hs.77783	777	-0.070075	1.06135046	0.876993315	0.952325	2.61387007	0.42055079									
PKMYT1	NM_182687_bp1334_R	AGCTAAAAGGAAGTGGCATGCAACATGGATCTCTTGAATCCATGTTGCATGCCACTTCCGG	Hs.77783	6153	-0.04275	0.97920526	0.919055205	1.073775	2.5966533	0.365729205									
PKMYT1	NM_182687_bp1334_R	AGCTAAAAGGAAGTGGCATGCAACATGGATCTCTTGAATCCATGTTGCATGCCACTTCCGG	Hs.77783	11529	0.180275	1.37425665	0.755004726	1.064	2.56409555	0.364300395									
PKMYT1	NM_182687_bp549_R	AGCTAAAAGAACCTGGATTCTCCCTCAAGTCTCTTGAACTTGAGGGAGAATCCAGGTTCGG	Hs.77783	778	-1.0701			-0.2675	0.64746129	0.468252612									
PKMYT1	NM_182687_bp549_R	AGCTAAAAGAACCTGGATTCTCCCTCAAGTCTCTTGAACTTGAGGGAGAATCCAGGTTCGG	Hs.77783	6154	-0.862933333	0.52270315	0.033053354	0.113925	0.93252597	0.789474355									
PKMYT1	NM_182687_bp549_R	AGCTAAAAGAACCTGGATTCTCCCTCAAGTCTCTTGAACTTGAGGGAGAATCCAGGTTCGG	Hs.77783	11530	-0.82235	0.47152691	0.014231492	0.060375	0.88096064	0.881316899									
PKMYT1	NM_182687_bp852_R	AGCTAAAAGCGGTAAAGCGTTCCATGTCATCTCTTGAATGACATGGAACGCTTTACCGCGGG	Hs.77783	1932	0.104025	0.27364424	0.560795358	-0.5177											
PKMYT1	NM_182687_bp852_R	AGCTAAAAGCGGTAAAGCGTTCCATGTCATCTCTTGAATGACATGGAACGCTTTACCGCGGG	Hs.77783	7308	0.08455	0.29926802	0.646661756	-0.177733333	0.80169219	0.67437447									
PKMYT1	NM_182687_bp852_R	AGCTAAAAGCGGTAAAGCGTTCCATGTCATCTCTTGAATGACATGGAACGCTTTACCGCGGG	Hs.77783	12684	0.241475	0.39732994	0.282875132	-0.1802	0.85935053	0.687074578									
PKN1	NM_002741_bp1345_R	AGCTAAAAGTGCTTAAGCTGGATAACACATCTCTTGAATGTGTTATCCAGCTTAAGCACGG	Hs.466044	227	-0.770775	0.3341071	0.008298245	0.0399875	0.35786067	0.846437598									
PKN1	NM_002741_bp1345_R	AGCTAAAAGTGCTTAAGCTGGATAACACATCTCTTGAATGTGTTATCCAGCTTAAGCACGG	Hs.466044	5603	-0.70765	0.27050637	0.008001107	0.0700125	0.56622071	0.739005522									
PKN1	NM_002741_bp1345_R	AGCTAAAAGTGCTTAAGCTGGATAACACATCTCTTGAATGTGTTATCCAGCTTAAGCACGG	Hs.466044	10979	-0.7253	0.35247465	0.011804591	0.1061875	0.38886787	0.628287916									
PKN1	NM_002741_bp1512_R	AGCTAAAAGGAGGATTTCTTGGACAATGATCTCTTGAATCATTGTCCAAGAAATCCTCCGG	Hs.466044	10980	0.50445	3.10497659	0.720959957	0.211625	0.34463644	0.323355253									
PKN1	NM_002741_bp1512_R	AGCTAAAAGGAGGATTTCTTGGACAATGATCTCTTGAATCATTGTCCAAGAAATCCTCCGG	Hs.466044	228	-1.915			-0.032616667	0.26790444	0.88683891									
PKN1	NM_002741_bp1512_R	AGCTAAAAGGAGGATTTCTTGGACAATGATCTCTTGAATCATTGTCCAAGAAATCCTCCGG	Hs.466044	5604				0.061316667	0.4855472	0.833637301									
PKN1	NM_002741_bp558_R	AGCTAAAAGAGAAGCAGTTGGCCATTGATCTCTTGAATCAATGGCCAACTGCTTCTCCGG	Hs.466044	1827	2.7557	1.75871599	0.035056474	0.1644625	1.34127098	0.783064601									
PKN1	NM_002741_bp558_R	AGCTAAAAGAGAAGCAGTTGGCCATTGATCTCTTGAATCAATGGCCAACTGCTTCTCCGG	Hs.466044	7203	2.6634	1.65250855	0.033145973	0.1799125	1.43747473	0.777994991									
PKN1	NM_002741_bp558_R	AGCTAAAAGGAGAAGCAGTTGGCCATTGATCTCTTGAATCAATGGCCAACTGCTTCTCCGG	Hs.466044	12579	2.72245	1.55400857	0.027165198	0.1567875	1.38461243	0.798843288									
PKN2	NM_006256_bp1528_R	AGCTAAAAGCTCCTCAAATGAATATTAATTCTCTTGAAATTAATATTCATTTGAGGAGCGG	Hs.440833	1803	1.582475	3.31226538	0.273489846	-4.4341											
PKN2	NM_006256_bp1528_R	AGCTAAAAGCTCCTCAAATGAATATTAATTCTCTTGAAATTAATATTCATTTGAGGAGCGG	Hs.440833	7179	1.66665	3.98214422	0.329894789	-4.161066667	3.20161441	0.049335285									
PKN2	NM_006256_bp1528_R	AGCTAAAAGCTCCTCAAATGAATATTAATTCTCTTGAAATTAATATTCATTTGAGGAGCGG	Hs.440833	12555	2.503475	1.51806212	0.096854302	-4.279566667	3.47266646	0.05659361									
PKN2	NM_006256_bp2533_R	AGCTAAAAGCCCTTGGCGTGCTTATATATCTCTTGAAATATATAAGCACGCCAAGGCCGG	Hs.440833	490	0.1544	2.20144686	0.864700042	0.451433333	2.51579698	0.708154989									
PKN2	NM_006256_bp2533_R	AGCTAAAAGCCCTTGGCGTGCTTATATATCTCTTGAAATATATAAGCACGCCAAGGCCGG	Hs.440833	5866	0.0301	2.48425396	0.976424396	-1.091833333	2.5978534	0.402033593									
PKN2	NM_006256_bp2533_R	AGCTAAAAGCCCTTGGCGTGCTTATATATCTCTTGAAATATATAAGCACGCCAAGGCCGG	Hs.440833	11242	0.307175	2.12487078	0.726978654	-0.476966667	1.85544486	0.509348957									
PKN2	NM_006256_bp368_R	AGCTAAAAGGACTCCAGATACTCCAAATATCTCTTGAATATTTGGAGTATCTGGAGTTCCGG	Hs.440833	5867	2.80525	3.14480324	0.070136399	-1.806566667	3.11278175	0.26678857									
PKN2	NM_006256_bp368_R	AGCTAAAAGGACTCCAGATACTCCAAATATCTCTTGAATATTTGGAGTATCTGGAGTTCCGG	Hs.440833	11243	2.7521	3.27384331	0.082729628	-1.869	3.30904367	0.277525999									
PKN2	NM_006256_bp368_R	AGCTAAAAGGACTCCAGATACTCCAAATATCTCTTGAATATTTGGAGTATCTGGAGTTCCGG	Hs.440833	491	2.6567			-0.82625	1.99382899	0.449313349									
PKN3	NM_013355_bp2442_R	AGCTAAAAGGGCTTGAGTTCATTCAGAAGTTCTTGAACTTCTGAATGAACTCAAGCCCGG	Hs.300485	1572				0.4463											
PKN3	NM_013355_bp2749_R	AGCTAAAAGGGCTTGAGTTCATTCAGAAGTTCTTGAACTTCTGAATGAACTCAAGCCCGG	Hs.300485	431	-1.0851	0.42155367	0.003392834	-1.4131	2.20455537	0.231375111									
PKN3	NM_013355_bp2749_R	AGCTAAAAGGGCTTGAGTTCATTCAGAAGTTCTTGAACTTCTGAATGAACTCAAGCCCGG	Hs.300485	5807	-1.4188	2.20364114	0.000229367	-1.987533333	2.4563843	0.151281174									
PKN3	NM_013355_bp2749_R	AGCTAAAAGGGCTTGAGTTCATTCAGAAGTTCTTGAACTTCTGAATGAACTCAAGCCCGG	Hs.300485	11183	-1.152275	0.590388	0.007024986	-1.8292	2.80516308	0.222899049									
PKN3	NM_013355_bp3024_R	AGCTAAAAGGACTTCGACTTTTGTGTCAGATCCTTGAATCTGACACAAAGTCGAAGTCCGG	Hs.300485	432	0.136675	0.6628564	0.654042602	1.069	1.28231891	0.151728048									
PKN3	NM_013355_bp3024_R	AGCTAAAAGGACTTCGACTTTTGTGTCAGATCCTTGAATCTGACACAAAGTCGAAGTCCGG	Hs.300485	5808	-0.301425	0.69311225	0.357446659	0.2003	1.98246212	0.832949519									
PKN3	NM_013355_bp3024_R	AGCTAAAAGGACTTCGACTTTTGTGTCAGATCCTTGAATCTGACACAAAGTCGAAGTCCGG	Hs.300485	11184	-0.302675	0.61792775	0.315789423	0.898366667	1.42321958	0.244972183									
PKP2	BC070083_bp2910_R	AGCTAAAAGGGCAATTAATCCAATAAATATCTCTTGAATATTTATTGATTAATGTCCCGG	Hs.164384	4261	-0.430825	0.23136743	0.040672809	-0.049425	0.65980055	0.875764457	-0.43513333	0.54698177	0.207692534						
PKP2	BC070083_bp2910_R	AGCTAAAAGGGCAATTAATCCAATAAATATCTCTTGAATATTTATTGATTAATGTCCCGG	Hs.164384	9637	-0.330766667	0.17037844	0.140999251	0.27155	0.48033764	0.476717197	-0.1997	0.63896134	0.564678731						
PKP2	BC070083_bp2910_R	AGCTAAAAGGGCAATTAATCCAATAAATATCTCTTGAATATTTATTGATTAATGTCCCGG	Hs.164384	15013	-0.17315	0.37641931	0.414465155				-0.329								
PKP2	BC070083_bp739_R	AGCTAAAAGCAGCGCCACTTTGACACATATCTCTTGAATATGTGTCAAAGTGGCGCTGCGG	Hs.164384	4263	-0.32185	0.59917911	0.279158019	-0.164275	0.32446096	0.419385373	0.445766667	0.81962598	0.285730492						
PKP2	BC070083_bp739_R	AGCTAAAAGCAGCGCCACTTTGACACATATCTCTTGAATATGTGTCAAAGTGGCGCTGCGG	Hs.164384	9639	-0.331125	0.54593334	0.238496843	-0.0343	0.35906803	0.868609871	0.771366667	0.16527536	0.021425008						
PKP2	BC070083_bp739_R	AGCTAAAAGCAGCGCCACTTTGACACATATCTCTTGAATATGTGTCAAAGTGGCGCTGCGG	Hs.164384	15015	-0.2247	0.78335111	0.525318572	-0.16735	0.37932753	0.448289343	0.929466667	1.55287731	0.184836251						
PLAG1	NM_002655_bp1247_R	AGCTAAAAGCAATGTGTCTGTGCCTATAATCTCTTGAATTATAGGCACAGACACATTGCGG	Hs.1968	3410	5.207925	1.18528779	0.000109022				1.1279	0.69780641	0.009705228						
PLAG1	NM_002655_bp1247_R	AGCTAAAAGCAATGTGTCTGTGCCTATAATCTCTTGAATTATAGGCACAGACACATTGCGG	Hs.1968	8786	5.1612	1.13047684	9.20E-05				1.161075	0.69328263	0.008365164						
PLAG1	NM_002655_bp1247_R	AGCTAAAAGCAATGTGTCTGTGCCTATAATCTCTTGAATTATAGGCACAGACACATTGCGG	Hs.1968	14162	4.8547	0.94247575	5.57E-05				1.15015	0.67544254	0.008096251						
PLAG1	NM_002655_bp660_R	AGCTAAAAGCCCTACAAGTGCATACAACATCTCTTGAATGTTGTATGCACTTGTAGGGCCGG	Hs.1968	3412	1.124233333	0.37848958	0.007695651				1.42235	0.26154181	0.000386085						
PLAG1	NM_002655_bp660_R	AGCTAAAAGCCCTACAAGTGCATACAACATCTCTTGAATGTTGTATGCACTTGTAGGGCCGG	Hs.1968	8788	1.353333333	0.37338225	0.003846284				1.454925	0.43703808	0.0008012						
PLAG1	NM_002655_bp660_R	AGCTAAAAGCCCTACAAGTGCATACAACATCTCTTGAATGTTGTATGCACTTGTAGGGCCGG	Hs.1968	14164	1.3908	0.19443757	0.001640787				1.4347	0.64784254	0.002481521						
PLAG1	NM_002655_bp693_R	AGCTAAAAGGCCTTTGTTTCTAAGTACAATCCTCTTGAATTGTGATGCACTTGTAGGGCCGG	Hs.1968	3384	1.244275	0.35729454	0.001206479				1.177	1.24848004	0.046926485						
PLAG1	NM_002655_bp693_R	AGCTAAAAGGCCTTTGTTTCTAAGTACAATCCTCTTGAATTGTGATGCACTTGTAGGGCCGG	Hs.1968	8760	1.14395	0.21793664	0.000694666				1.166075	1.13667495	0.036786243						
PLAG1	NM_002655_bp693_R	AGCTAAAAGGCCTTTGTTTCTAAGTACAATCCTCTTGAATTGTACTTAGAAACAAAGGCCGG	Hs.1968	14136	1.2112	0.32209174	0.001072794				0.9916	1.

PLCG2	NM_002661_bp1790_R	AGCTAAAAGCTGCAGGAATACTGCATGGATCTCTTGAATCCATGCAGTATTCCTGCAGCGG	Hs.413111	11674																	
PLCG2	NM_002661_bp1790_R	AGCTAAAAGCTGCAGGAATACTGCATGGATCTCTTGAATCCATGCAGTATTCCTGCAGCGG	Hs.413111	6298																	
PLCG2	NM_002661_bp1790_R	AGCTAAAAGCTGCAGGAATACTGCATGGATCTCTTGAATCCATGCAGTATTCCTGCAGCGG	Hs.413111	922																	
PLCG2	NM_002661_bp3424_R	AGCTAAAAGAGCCGAGTATGGCAACAACATCTCTTGAATGTTGTTGCCATACTCGGCTCGG	Hs.413111	923						2.28845	1.31698638	0.049696214									
PLCG2	NM_002661_bp3424_R	AGCTAAAAGAGCCGAGTATGGCAACAACATCTCTTGAATGTTGTTGCCATACTCGGCTCGG	Hs.413111	11675						0.7299											
PLCG2	NM_002661_bp3424_R	AGCTAAAAGAGCCGAGTATGGCAACAACATCTCTTGAATGTTGTTGCCATACTCGGCTCGG	Hs.413111	6299																	
PLD4	AK090449_bp2493_R	AGCTAAAAGCTCCAGACCTTCCCTTTATGTCTCTTGAACATAAAGGGAAGGTCTGGAGCGG	Hs.407101	4097	-1.1879875	0.55149162	0.005003057								-0.51725	0.43578729	0.070532288				
PLD4	AK090449_bp2493_R	AGCTAAAAGCTCCAGACCTTCCCTTTATGTCTCTTGAACATAAAGGGAAGGTCTGGAGCGG	Hs.407101	9473	-1.1239125	0.54626457	0.006133469								-0.47305	0.39829938	0.082665563				
PLD4	AK090449_bp2493_R	AGCTAAAAGCTCCAGACCTTCCCTTTATGTCTCTTGAACATAAAGGGAAGGTCTGGAGCGG	Hs.407101	14849	-1.1937375	0.564626	0.005274051								-0.504175	0.41123722	0.07099044				
PLD4	AK090449_bp3869_R	AGCTAAAAGGCTTGTCCTTGTGGAAAGCATCTCTTGAATGCTTTCCACAAGGACAAGCCGG	Hs.407101	4093	0.1953875	0.35833748	0.34972875								0.370225	0.07901508	0.087844866				
PLD4	AK090449_bp3869_R	AGCTAAAAGGCTTGTCCTTGTGGAAAGCATCTCTTGAATGCTTTCCACAAGGACAAGCCGG	Hs.407101	9469	0.1994375	0.43882263	0.392681461								0.469825	0.13104061	0.044307195				
PLD4	AK090449_bp3869_R	AGCTAAAAGGCTTGTCCTTGTGGAAAGCATCTCTTGAATGCTTTCCACAAGGACAAGCCGG	Hs.407101	14845	0.3170125	0.32599943	0.1393744								0.36645	0.06562654	0.104365934				
PLD4	AK090449_bp4158_R	AGCTAAAAGGTGGTAGGGTCTAGCATGGATCTCTTGAATCCATGCTAGACCCTACCACCGG	Hs.407101	4095	2.1189875	0.56386954	0.000394929								0.265625	0.16288086	0.208839064				
PLD4	AK090449_bp4158_R	AGCTAAAAGGTGGTAGGGTCTAGCATGGATCTCTTGAATCCATGCTAGACCCTACCACCGG	Hs.407101	9471	2.0056875	0.3976377	0.000169302								0.513225	0.6779418	0.135539642				
PLD4	AK090449_bp4158_R	AGCTAAAAGGTGGTAGGGTCTAGCATGGATCTCTTGAATCCATGCTAGACCCTACCACCGG	Hs.407101	14847	2.0000875	0.46066768	0.000265734								0.2313	0.62712475	0.446701585				
PLEK	BC018549_bp140_R	AGCTAAAAGTGGGTTGTATTGTTAGAAGATCTCTTGAATCTTCTAACAATACAACCCACGG	Hs.468840	4371	0.32895	0.79058305	0.367050234	-0.27525	0.41582098	0.259182501	-0.56623333	0.69201778	0.154081476								
PLEK	BC018549_bp140_R	AGCTAAAAGTGGGTTGTATTGTTAGAAGATCTCTTGAATCTTCTAACAATACAACCCACGG	Hs.468840	9747	0.437	0.62812127	0.172941241	-0.2744	0.30585222	0.193441358	-0.61953333	0.72171621	0.132702192								
PLEK	BC018549_bp140_R	AGCTAAAAGTGGGTTGTATTGTTAGAAGATCTCTTGAATCTTCTAACAATACAACCCACGG	Hs.468840	15123	0.694525	0.92342397	0.126778394	-0.288933333	0.03557897	0.17400221	-0.73823333	0.83688734	0.10783248								
PLEK	BC018549_bp547_R	AGCTAAAAGCGTCATTGATTGGCTGGTATTCTCTTGAAATACCAGCCAATCAATGACGCGG	Hs.468840	4373	0.356175	0.46450664	0.168293709	-0.255025	0.24895664	0.187685978	-0.14633333	0.47378587	0.629054579								
PLEK	BC018549_bp547_R	AGCTAAAAGCGTCATTGATTGGCTGGTATTCTCTTGAAATACCAGCCAATCAATGACGCGG	Hs.468840	9749	0.141875	0.4122087	0.52012363	-0.15685	0.0072832	0.575728508	-0.10546667	0.39670639	0.71095118								
PLEK	BC018549_bp547_R	AGCTAAAAGCGTCATTGATTGGCTGGTATTCTCTTGAAATACCAGCCAATCAATGACGCGG	Hs.468840	15125	0.0464	0.48476128	0.846559886	-0.5372	0.2192031	0.152621618	0.1325	0.84114074	0.741329005								
PLEK	BC018549_bp809_R	AGCTAAAAGGGGATGTTACTGAAGCATCTCTTGAATGCTTCACATAAACATCCCTGCGG	Hs.468840	15121																	
PLEKHC1	Z24725_bp1486_R	AGCTAAAAGGCTTCGTTGTGACAATGAAATCTCTTGAATTTCATTGTCACAACGAAGCCGG	Hs.509343	4881	1.2199875	0.4158134	0.001950365	0.3193125	0.26231634	0.121718548											
PLEKHC1	Z24725_bp1486_R	AGCTAAAAGGCTTCGTTGTGACAATGAAATCTCTTGAATTTCATTGTCACAACGAAGCCGG	Hs.509343	10257	1.3064875	0.44523275	0.001736546	-0.4059375	0.77176874	0.292310427											
PLEKHC1	Z24725_bp1486_R	AGCTAAAAGGCTTCGTTGTGACAATGAAATCTCTTGAATTTCATTGTCACAACGAAGCCGG	Hs.509343	15633	1.5532375	0.88865255	0.008187297	0.5661125	0.50712803	0.073859658											
PLEKHC1	Z24725_bp352_R	AGCTAAAAGGACCTTAGATAAGTATGGTATCTCTTGAATACCATACTTATCTAAGGTCCGG	Hs.509343	4879	0.4276875	0.30911297	0.059324649	1.5010125	0.36454226	0.000980621											
PLEKHC1	Z24725_bp352_R	AGCTAAAAGGACCTTAGATAAGTATGGTATCTCTTGAATACCATACTTATCTAAGGTCCGG	Hs.509343	10255	0.3333875	0.23377076	0.088121586	0.8652875	0.47740353	0.016897095											
PLEKHC1	Z24725_bp352_R	AGCTAAAAGGACCTTAGATAAGTATGGTATCTCTTGAATACCATACTTATCTAAGGTCCGG	Hs.509343	15631	0.9033375	0.40913529	0.00683586	1.3040375	0.47171373	0.003436202											
PLEKHC1	Z24725_bp932_R	AGCTAAAAGCTGCTCCGATTCAAGTATATCTCTTGAATAATCTTGAATCGGAGCAGCGG	Hs.509343	4650	0.4355625	0.26055865	0.044912945	0.2131625	0.26040586	0.2642577											
PLEKHC1	Z24725_bp932_R	AGCTAAAAGCTGCTCCGATTCAAGTATATCTCTTGAATAATCTTGAATCGGAGCAGCGG	Hs.509343	10026	0.7771625	0.22363622	0.004309998	0.7320875	0.33716147	0.01427583											
PLEKHC1	Z24725_bp932_R	AGCTAAAAGCTGCTCCGATTCAAGTATATCTCTTGAATAATCTTGAATCGGAGCAGCGG	Hs.509343	15402	0.7017125	0.44103462	0.021887481	0.5901375	0.29425162	0.02396405											
PLEKHF2	NM_024613_bp907_R	AGCTAAAAGCCTGCTAGATCAGACTCTTATCTCTTGAATAAGAGTCTGATCTAGCAGCGG	Hs.29724	3615	-0.3193	0.48853149	0.221719283				-0.0112375	0.71604867	0.97217004								
PLEKHF2	NM_024613_bp907_R	AGCTAAAAGCCTGCTAGATCAGACTCTTATCTCTTGAATAAGAGTCTGATCTAGCAGCGG	Hs.29724	8991	-0.53485	0.48151641	0.06464763				-0.1358875	0.5798085	0.261202651								
PLEKHF2	NM_024613_bp907_R	AGCTAAAAGCCTGCTAGATCAGACTCTTATCTCTTGAATAAGAGTCTGATCTAGCAGCGG	Hs.29724	14367	-0.061825	0.2747355	0.726912532				-0.2979625	0.09241527	0.153992485								
PLEKHG5	NM_198681_bp1147_R	AGCTAAAAGGACAACTCTTCGTGTCAAATCTCTTGAATTTCGACACGAAGGTATGTGTCCGG	Hs.284232	2923	-0.77925	0.50545935	0.020795087				-0.227725	0.55753998	0.424292023								
PLEKHG5	NM_198681_bp1147_R	AGCTAAAAGGACAACTCTTCGTGTCAAATCTCTTGAATTTCGACACGAAGGTATGTGTCCGG	Hs.284232	8299	-0.7945	0.52353183	0.021202357				-0.227375	0.52246208	0.409962416								
PLEKHG5	NM_198681_bp1147_R	AGCTAAAAGGACAACTCTTCGTGTCAAATCTCTTGAATTTCGACACGAAGGTATGTGTCCGG	Hs.284232	13675	-0.80065	0.50482606	0.018759746				-0.203475	0.53567075	0.463822403								
PLEKHG5	NM_198681_bp1224_R	AGCTAAAAGTCCCTGAGTTTGCCGATTCTTCTCTTGAAAGAATCGGCAAACTCAGGGACGG	Hs.284232	2919	-0.7161	0.22253873	0.005742593				0.470325	0.65014357	0.156096146								
PLEKHG5	NM_198681_bp1224_R	AGCTAAAAGTCCCTGAGTTTGCCGATTCTTCTCTTGAAAGAATCGGCAAACTCAGGGACGG	Hs.284232	8295	-0.6901	0.23591771	0.007234264				0.449875	0.64490333	0.170173586								
PLEKHG5	NM_198681_bp1224_R	AGCTAAAAGTCCCTGAGTTTGCCGATTCTTCTCTTGAAAGAATCGGCAAACTCAGGGACGG	Hs.284232	13671	-0.693375	0.21344397	0.006237817				0.494825	0.63120706	0.133063326								
PLEKHG5	NM_198681_bp1626_R	AGCTAAAAGGAGGAGGAGTACGATGAAGATCTCTTGAATCTTCATCGTACTCCTCCTCCGG	Hs.284232	2921	1.8757	1.21611097	0.011977823				-0.526825	1.02284983	0.236887598								
PLEKHG5	NM_198681_bp1626_R	AGCTAAAAGGAGGAGGAGTACGATGAAGATCTCTTGAATCTTCATCGTACTCCTCCTCCGG	Hs.284232	8297	1.751825	1.08775559	0.010453483				-0.3255	1.23506781	0.513578185								
PLEKHG5	NM_198681_bp1626_R	AGCTAAAAGGAGGAGGAGTACGATGAAGATCTCTTGAATCTTCATCGTACTCCTCCTCCGG	Hs.284232	13673	1.6927	0.98982786	0.008514752				-0.598375	1.18868511	0.23526026								
PLEKHH3	NM_001991_bp1461_R	AGCTAAAAGCACCTACTTCAACAACTTCTCTCTTGAAGAAGTTGTTGAAGTAGGTGCCGG	Hs.19669	2325	-0.0740625	0.29540063	0.546289188				-0.691075	0.31412288	0.017475956								
PLEKHH3	NM_001991_bp1461_R	AGCTAAAAGCACCTACTTCAACAACTTCTCTCTTGAAGAAGTTGTTGAAGTAGGTGCCGG	Hs.19669	7701	-0.2146625	0.2052484	0.157347122				-0.75565	0.31834186	0.012105907								
PLEKHH3	NM_001991_bp1461_R	AGCTAAAAGCACCTACTTCAACAACTTCTCTCTTGAAGAAGTTGTTGAAGTAGGTGCCGG	Hs.19669	13077	-0.2507375	0.2136014	0.11930867				-0.713075	0.37737743	0.019321674								
PLEKHH3	NM_001991_bp1732_R	AGCTAAAAGCATCATGACTCAGAATTTCTCTCTTGAAAGAAATTCTGAGTCATGATGCGG	Hs.19669	2321	0.0057375	0.94781155	0.937811514				0.118725	1.16688002	0.793566801								
PLEKHH3	NM_001991_bp1732_R	AGCTAAAAGCATCATGACTCAGAATTTCTCTCTTGAAAGAAATTCTGAGTCATGATGCGG	Hs.19669	7697	-0.0592375	0.84551454	0.794205467				0.030775	1.13835107	0.939769314								
PLEKHH3	NM_001991_bp1732_R	AGCTAAAAGCATCATGACTCAGAATTTCTCTCTTGAAAGAAATTCTGAGTCATGATGCGG	Hs.19669	13073	-0.0870375	0.80896987	0.728095472				-0.053375	1.09279215	0.910876539								
PLEKHH3	NM_001991_bp1998_R	AGCTAAAAGGCACCTTCATAAAGGAGTCTTCTCTTGAAAGACTCCTTTATGAAGGTGCCGG	Hs.19669	2323	-0.7698125	0.19584983	0.002913383				-0.09335	0.23036699	0.665829436								
PLEKHH3	NM_001991_bp1998_R	AGCTAAAAGGCACCTTCATAAAGGAGTCTTCTCTTGAAAGACTCCTTTATGAAGGTGCCGG	Hs.19669	7699	-0.7387875	0.22743867	0.004175755				-0.097175	0.18790379	0.64383252								
PLEKHH3	NM_001991_bp1998_R	AGCTAAAAGGCACCTTCATAAAGGAGTCTTCTCTTGAAAGACTCCTTTATGAAGGTGCCGG	Hs.19669	13075	-0.7491125	0.20892405	0.00413391				-0.137675	0.15306624	0.503631784								
PLEKHH3	NM_016602_bp345_R	AGCTAAAAGCACCATCTCTGGGCCTCTACTTTCTCTTGAAAGTAGAGGCCAGAGATGGTGCGG	Hs.19669	1212	-0.5140375	0.20145876	0.014744883				-0.021725	0.39160508	0.939566797								
PLEKHH3	NM_016602_bp345_R	AGCTAAAAGCACCATCTCTGGGCCTCTACTTTCTCTTGAAAGTAGAGGCCAGAGATGGTGCGG	Hs.19669	6588	-0.4624625	0.04328451	0.012115874				0.2363	0.33787111	0.306835358								
PLEKHH3	NM_016602_bp345_R	AGCTAAAAGCACCATCTCTGGGCCTCTACTTTCTCTTGAAAGTAGAGGCCAGAGATGGTGCGG	Hs.19669	11964	-0.3310375	0.21983392	0.062666855				0.258025	0.52225769	0.347263183								
PLEKHH3	NM_016602_bp39_R	AGCTAAAAGCCATTACTCTGGGGATGAAGTCTCTTGAACTTCATCCCCAGAGTAATGGCGG	Hs.19669	1211	-0.4614375	0.23504721	0.02486293 8				-0.15595	0.35417704	0.511806531								
PLEKHH3	NM_016602_bp39_R	AGCTAAAAGCCATTACTCTGGGGATGAAGTCTCTTGAACTTCATCCCCAGAGTAATGGCGG	Hs.19669	6587	-0.4715875	0.13951776	0.014838424				-0.061575	0.46487652	0.820254349								
PLEKHH3	NM_016602_bp39_R	AGCTAAAAGCCATTACTCTGGGGATGAAGTCTCTTGAACTTCATCCCCAGAGTAATGGCGG	Hs.19669	11963	-0.4047125	0.25833598	0.042095186				-0.16755	0.34773074	0.478632811								
PLEKHH3	NM_016602_bp912_R	AGCTAAAAGTGGCCTCAATCCCGTTCTCTTCTCTTGAAAGAGAACGGGATTGAGGCCACGG	Hs.19669	1225	-0.6398125	0.48500264	0.030891119				-0.747375	0.59364772	0.036135299								
PLEKHH3	NM_016602_bp912_R	AGCTAAAAGTGGCCTCAATCCCGTTCTCTTCTCTTGAAAGAGAACGGGATTGAGGCCACGG	Hs.19669	6601	-0.7041125	0.5056443	0.024841772				-0.7489	0.53863037	0.029517862								
PLEKHH3	NM_016602_bp912_R	AGCTAAAAGTGGCCTCAATCCCGTTCTCTTCTCTTGAAAGAGAACGGGATTGAGGCCACGG	Hs.19669	11977	-0.8075125	0.42744938	0.009994068				-0.744175	0.57535574	0.034478039								
PLK1	NM_005030_bp1295_R	AGCTAAAAGGTTGGACTATTCGGACAAGTATCTCTTGAATACTTGTCCGAATAGTCCACCGG	Hs.329989	374	-0.386	0.91667435	0.35308355	1.73265	1.68355054	0.13435321											
PLK1	NM_005030_bp1295_R	AGCTAAAAGGTTGGACTATTCGGACAAGTATCTCTTGAATACTTGTCCGAATAGTCCACCGG	Hs.329989	5750	-0.387675	1.09733048	0.422009399	1.6814	1.15763397	0.041336064											
PLK1	NM_005030_bp1295_R	AGCTAAAAGGTTGGACTATTCGGACAAGTATCTCTTGAATACTTGTCCGAATAGTCCACCGG	Hs.329989	11126	-0.524875	1.09915971	0.29039507	1.623566667	1.23891037	0.053559966											
PLK1	NM_005030_bp1350_R	AGCTAAAAGGGGTGCTCTTCAATGACTCATCTCTTGAATGAGTCATTGAAGAGCACCCCGG	Hs.329989	1573	2.464125	1.28279242	0.004813337	-5.6668													
PLK1	NM_005030_bp1350_R	AGCTAAAAGGGGTGCTCTTCAATGACTCATCTCTTGAATGAGTCATTGAAGAGCACCCCGG	Hs.329989	6949	2.5672	1.10177774	0.002181265	-1.673433333	4.1653147	0.418197777											
PLK1	NM_005030_bp1350_R	AGCTAAAAGGGGTGCTCTTCAATGACTCATCTCTTGAATGAGTCATTGAAGAGCACCCCGG	Hs.329989	12325	2.320775	1.75174476	0.019893062	-6.8139													
PLK1	NM_005030_bp758_R	AGCTAAAAGTCCATTGGGTGTATCATGTATCTCTTGAATACATGATACACCCAATGGACGG	Hs.329989	1575	2.959175	1.99245013	0.039080564	0.4562													
PLK1	NM_005030_bp758_R	AGCTAAAAGTCCATTGGGTGTATCATGTATCTCTTGAATACATGATACACCCAATGGACGG	Hs.329989	6951	5.372675	2.88976864	0.020541022														
PLK1	NM_005030_bp758_R	AGCTAAAAGTCCATTGGGTGTATCATGTATCTCTTGAATACATGATACACCCAATGGACGG	Hs.329989	12327	8.683475	4.8377064	0.021828405														
PLK2	NM_006622_bp1130_R	AGCTAAAAGGCCCCCATTTGAAACTACAATCTCTTGAATTGTAGTTTCAAATGGGGGCCGG	Hs.398157	1867	-0.7635	0.31550347	0.007701457	-1.0012													
PLK2	NM_006622_bp1130_R	AGCTAAAAGGCCCCCATTTGAAACTACAATCTCTTGAATTGTAGTTTCAAATGGGGGCCGG	Hs.398157	7243	-0.91415	0.74306176	0.033616807	-0.72946667	0.20179042	0.023852016											
PLK2	NM_006622_bp1130_R	AGCTAAAAGGCCCCCATTTGAAACTACAATCTCTTGAATTGTAGTTTCAAATGGGGGCCGG	Hs.398157	12619	-1.1493	0.51370925	0.00463971	-0.092433333	0.72893206	0.811894978											
PLK2	NM_006622_bp1624_R	AGCTAAAAGGGGATGCTATTCGGATGATATCTCTTGAATATCATCCGAATAGCATCCCCGG	Hs.398157	538	2.085875	0.35917343	0.000106384	1.417666667	1.18982659	0.060027729											
PLK2	NM_006622_bp1624_R	AGCTAAAAGGGGATGCTATTCGGATGATATCTCTTGAATATCATCCGAATAGCATCCCCGG	Hs.398157	5914	1.96795	1.35734977	0.014812139	1.486033333	0.65990497	0.015775515											
PLK2	NM_006622_bp1624_R	AGCTAAAAGGGGATGCTATTCGGATGATATCTCTTGAATATCATCCGAATAGCATCCCCGG	Hs.398157	11290	1.57655	0.7794938	0.004814468	0.6389	1.08233792	0.280967037											
PLK2	NM_006622_bp2131_R	AGCTAAAAGCCCTAATGATGCTCTTTAATTCTCTTGAAATTAAAGAGCATCATTAGGGCGG	Hs.398157	1869	0.448775	1.17524915	0.385697222	-1.167866667	1.62567415	0.1947225											
PLK2	NM_006622_bp2131_R	AGCTAAAAGCCCTAATGATGCTCTTTAATTCTCTTGAAATTAAAGAGCATCATTAGGGCGG	Hs.398157	7245	0.3782	1.42302374	0.533000575	-1.1312	1.76037894	0.233604261											
PLK2	NM_006622_bp2131_R	AGCTAAAAGCCCTAATGATGCTCTTTAATTCTCTTGAAATTAAAGAGCATCATTAGGGCGG	Hs.398157	12621	0.4649	1.89034815	0.586838743	-1.326166667	1.9843404	0.2172322											
PLK3	NM_004073_bp1498_R	AGCTAAAAGTGGGTTGACTACTCCAATAATCTCTTGAATTATTGGAGTAGTCAACCCACGG	Hs.153640	237	1.4824			-0.61875	1.21346595	0.388784882											
PLK3	NM_004073_bp1498_R	AGCTAAAAGTGGGTTGACTACTCCAATAATCTCTTGAATTATTGGAGTAGTCAACCCACGG	Hs.153640	5613	1.4962			-2.735166667	3.79399319	0.18586907											
PLK3	NM_004073_bp1498_R	AGCTAAAAGTGGGTTGACTACTCCAATAATCTCTTGAATTATTGGAGTAGTCAACCCACGG	Hs.153640	10989	5.50815	5.68520923	0.098291839	0.7238625	5.73576913	0.771400594											
PLK3	NM_004073_bp832_R	AGCTAAAAGCTCACTGGGCTGTGTCATGTATCTCTTGAATACATGACACGCCCAGTCACGG	Hs.153640	12486																	
PLK4	NM_014264_bp1131_R	AGCTAAAAGGTCAGCCACTCCCAAATAAATCTCTTGAATTTATTTGGGAGTGGCTGACCGG	Hs.172052	451	-1.9626	2.6394744	0.114546615	1.141666667	1.2222457	0.120976434											
PLK4	NM_014264_bp1131_R	AGCTAAAAGGTCAGCCACTCCCAAATAAATCTCTTGAATTTATTTGGGAGTGGCTGACCGG	Hs.172052	5827	-1.1814	4.0604981	0.486985713	0.1484	1.24027395	0.808268745											
PLK4	NM_014264_bp1131_R	AGCTAAAAGGTCAGCCACTCCCAAATAAATCTCTTGAATTTATTTGGGAGTGGCTGACCGG	Hs.172052	11203	-2.8691	3.72511199	0.103883707	2.126966667	2.64002521	0.152082998											
PLK4	NM_014264_bp2953_R	AGCTAAAAGAGTGTCTTCTATCAGTTATATCTCTTGAATATAACTGATAGAAGACACTCGG	Hs.172052	1584	1.433325	6.68858778	0.004666552	1.4606	1.45268374	0.099724695											
PLK4	NM_014264_bp2953_R	AGCTAAAAGAGTGTCTTCTATCAGTTATATCTCTTGAATATAACTGATAGAAGACACTCGG	Hs.172052	6960	1.4143	0.41967694	0.001023286	1.3498	1.02531289	0.080148582											
PLK4	NM_014264_bp2953_R	AGCTAAAAGAGTGTCTTCTATCAGTTATATCTCTTGAATATAACTGATAGAAGACACTCGG	Hs.172052	12336	1.21415	0.48672443	0.003118415	1.268233333	1.21876538	0.095115425											
PLK4	NM_014264_bp983_R	AGCTAAAAGTCCCGAAATTCTTCAACAAATCTCTTGAATTTGTTGAAGAATTTCGGGACGG	Hs.172052	452	1.299075	1.96548016	0.152607822	3.7699	0.12555505	8.03E-05											
PLK4	NM_014264_bp983_R	AGCTAAAAGTCCCGAAATTCTTCAACAAATCTCTTGAATTTGTTGAAGAATTTCGGGACGG	Hs.172052	5828	1.5391	2.09537841	0.119335185	6.4574	0.98987946	0.00056042											
PLK4	NM_014264_bp983_R	AGCTAAAAGTCCCGAAATTCTTCAACAAATCTCTTGAATTTGTTGAAGAATTTCGGGACGG	Hs.172052	11204	1.31025	2.09411849	1.170789411	7.089333333	1.42669885	0.000779625											
PLS3	BC056898_bp1245_R	AGCTAAAAGTGGCTAACCTGTTTAATAAATCTCTTGAATTTATTAAACAGGTTAGCCACGG	Hs.496622	4516	-0.47365	0.5667775	0.121586286	0.5185	0.51190545	0.094739224	0.3416	0.47324316	0.283207496								
PLS3	BC056898_bp1245_R	AGCTAAAAGTGGCTAACCTGTTTAATAAATCTCTTGAATTTATTAAACAGGTTAGCCACGG	Hs.496622	9892	-0.628375	0.35080209	0.020164342	0.52	0.46191087	0.077862887	-0.1136	0.2223024	0.669403642								
PLS3	BC056898_bp1245_R	AGCTAAAAGTGGCTAACCTGTTTAATAAATCTCTTGAATTTATTAAACAGGTTAGCCACGG	Hs.496622	15268	-0.6264	0.60089431	0.064944854	0.407375	0.43769048	0.130349506	0.0155	0.45162052	0.957987211								
PLS3	BC056898_bp1413_R	AGCTAAAAGCCCTCGGTAATCTTACAGTTATCTTCTTGAATAACTGTAAGATTACCAGGGCGG	Hs.496622	4518	-0.33045	0.21287947	0.0834828	0.4928	0.45539634	0.08748623	-0.32926667	0.57125933	0.332317698								
PLS3	BC056898_bp1413_R	AGCTAAAAGCCCTGGTAATCTTACAGTTATCTTCTTGAATAACTGTAAGATTACCAGGGCGG	Hs.496622	9894	0.714725	1.14593069	0.182030989	0.1848	0.50394756	0.485378167	-0.2369	0.28442241	0.385643349								
PLS3	BC056898_bp1413_R	AGCTAAAAGCCCTGGTAATCTTACAGTTATCTTCTTGAATAACTGTAAGATTACCAGGGCGG	Hs.496622	15270	0.3456	0.5698697	0.293122163	0.28025	0.3913836	0.432836274	-0.0324	0.92998684	0.94597163								
PLS3	BC056898_bp821_R	AGCTAAAAGGGGACTGCTTTGGCAGATCATTTCTCTTGAAATGATCTGCCAAAGCAGTCCCGG	Hs.496622	4520	0.435325	0.58201386	0.154178169	-0.390825	0.27862192	0.078198124	1.2968	0.06729064	0.002247013								
PLS3	BC056898_bp821_R	AGCTAAAAGGGGACTGCTTTGGCAGATCATTTCTCTTGAATGATCTGCCAAAGCAGTCCCGG	Hs.496622	9896	0.7458	0.38920062	0.031506057	-0.72295	0.65329596	0.172437252	1.219633333	0.47631344	0.007611788								
PLS3	BC056898_bp821_R	AGCTAAAAGGGGACTGCTTTGGCAGATCATTTCTCTTGAATGATCTGCCAAAGCAGTCCCGG	Hs.496622	15272	0.58925	0.45211157	0.042158113	-0.8004	0.48701009	0.04971066	1.38485	0.24755808	0.012135648								
PMAIP1	NM_021127_bp1624_R	AGCTAAAAGTTACAAGAGTCTTATAACTATCTCTTGAATACGTTATAAGACTCTTTGTAACGG	Hs.96	884	-0.2153875	0.6750938	0.492830715				-0.5964625	1.21712856	0.244950205	0.156775	0.1079781	0.062308002	0.04855	0.12193399	0.484033183		
PMAIP1	NM_021127_bp1624_R	AGCTAAAAGTTACAAGAGTCTTATAACTATCTCTTGAATACGTTATAAGACTCTTTGTAACGG	Hs.96	6260	-0.3017375	0.77639845	0.398203982				-0.46961667	0.42955103	0.148060139	0.096275	0.12561142	0.222833037	0.043425	0.10681452	0.475699468		
PMAIP1	NM_021127_bp1624_R	AGCTAAAAGTTACAAGAGTCTTATAACTATCTCTTGAATACGTTATAAGACTCTTTGTAACGG	Hs.96	11636	-0.0849625	0.69863811	0.78799965				-0.7188625	0.80203671	0.074318433	0.191775	0.05804248	0.007055842	-0.036425	0.15170971	0.663929126		
PMAIP1	NM_021127_bp236_R	AGCTAAAAGGAAGTCGAGTGTGCTACTCATCTCTTGAATGAGTAGCACACTCGACTTCCGG	Hs.96	885	-1.0615125	0.58884689	0.009725535				-0.3702875	1.57516768	0.547370152	-0.262425	0.19517473	0.074469192	0.0821	0.40722655	0.713806561		
PMAIP1	NM_021127_bp236_R	AGCTAAAAGGAAGTCGAGTGTGCTACTCATCTCTTGAATGAGTAGCACACTCGACTTCCGG	Hs.96	6261	-1.1323875	0.60995205	0.008351544				-0.3358125	2.01379403	0.661171728	-0.0376	0.22593983	0.761163108	0.216125	0.14527744	0.058815903		
PMAIP1	NM_021127_bp236_R	AGCTAAAAGGAAGTCGAGTGTGCTACTCATCTCTTGAATGAGTAGCACACTCGACTTCCGG	Hs.96	11637	-1.0249625	0.57160934	0.010232659				-0.5246875	1.26264855	0.314143915	-0.08875	0.17097028	0.375509496	0.259925	0.22130708	0.10039707	

POLH	NM_006502_bp1142_R	AGCTAAAAGCCGAGGGATTGAACATGATCTTCTTTGAAGATCATGTTCAATCCCTCGGCGG	Hs.439153	15750	1.0565875	2.90174077	0.392364719	0.6660875	0.05502542	0.005131873											
POLH	NM_006502_bp1822_R	AGCTAAAAAGAGCCCTTCTTTAAGCAGAAATCTCTTGAATTTCTGCTTAAAGAAGGGCTCGG	Hs.439153	4994	-0.9297375	1.11246288	0.093084413	0.0267625	0.45581166	0.91102981											
POLH	NM_006502_bp1822_R	AGCTAAAAAGAGCCCTTCTTTAAGCAGAAATCTCTTGAATTTCTGCTTAAAGAAGGGCTCGG	Hs.439153	10370	-0.3468625	0.13728008	0.055606321	0.1337375	0.37271201	0.53556294											
POLH	NM_006502_bp1822_R	AGCTAAAAAGAGCCCTTCTTTAAGCAGAAATCTCTTGAATTTCTGCTTAAAGAAGGGCTCGG	Hs.439153	15746	-1.5047875	2.18011557	0.13775863	0.1960875	0.38165134	0.381663745											
POLH	NM_006502_bp2074_R	AGCTAAAAGTGCTGGAGGTGACTCAGAAATCTCTTGAATTTCTGAGTCACCTCCAGCACGG	Hs.439153	4996	-2.5522375	1.5560801	0.008876029	0.3211375	0.79066913	0.402513161											
POLH	NM_006502_bp2074_R	AGCTAAAAGTGCTGGAGGTGACTCAGAAATCTCTTGAATTTCTGAGTCACCTCCAGCACGG	Hs.439153	10372	-1.8443875	1.102779	0.008944434	0.3846625	0.72978875	0.29499198											
POLH	NM_006502_bp2074_R	AGCTAAAAGTGCTGGAGGTGACTCAGAAATCTCTTGAATTTCTGAGTCACCTCCAGCACGG	Hs.439153	15748	-1.9317875	2.47358531	0.101570751	0.3786625	0.72560293	0.299613626											
PLOR1A	NM_015425_bp109_R	GCTAAAAAGGGCATTTCCTCGGGATGTATCTCTGAATACATCCCCGAAGGAAATGCCCGG	Hs.531818	2893	0.635616667	0.72384994	0.120593965						-0.76528333	0.96373448	0.14172884						
PLOR1A	NM_015425_bp109_R	GCTAAAAAGGGCATTTCCTCGGGATGTATCTCTGAATACATCCCCGAAGGAAATGCCCGG	Hs.531818	8269	0.590325	0.94784129	0.25391806						-0.77941667	1.02424153	0.149503209						
PLOR1A	NM_015425_bp109_R	GCTAAAAAGGGCATTTCCTCGGGATGTATCTCTGAATACATCCCCGAAGGAAATGCCCGG	Hs.531818	13645	0.690025	0.93384657	0.199140461						-0.58158333	1.13343993	0.300359064						
PLOR1A	NM_015425_bp1208_R	GCTAAAAAGGCCAGTCCCTCATAGACAAATCTCTTGAATTTGTCTATGAGGGACTGGCCGG	Hs.531818	2891	0.602475	0.42746042	0.021855214						-0.1907125	0.61413482	0.615660862						
PLOR1A	NM_015425_bp1208_R	GCTAAAAAGGCCAGTCCCTCATAGACAAATCTCTTGAATTTGTCTATGAGGGACTGGCCGG	Hs.531818	8267	0.95065	0.78371404	0.029435662						-0.4522125	0.68628781	0.220077296						
PLOR1A	NM_015425_bp1208_R	GCTAAAAAGGCCAGTCCCTCATAGACAAATCTCTTGAATTTGTCTATGAGGGACTGGCCGG	Hs.531818	13643	0.465975	0.63807671	0.119469416						-0.3207875	0.86042834	0.456832799						
PLOR1A	NM_015425_bp367_R	GCTAAAAAGCTTCGGGGGCTTTGTTTAAATCTCTTGAATTTAAACAAGAGCCCCGAAGCGG	Hs.531818	2895	-1.2504	0.15244767	0.000367229						-0.7535375	0.64084757	0.048586344						
PLOR1A	NM_015425_bp367_R	GCTAAAAAGCTTCGGGGGCTTTGTTTAAATCTCTTGAATTTAAACAAGAGCCCCGAAGCGG	Hs.531818	8271	-1.26345	0.11556514	0.000343492						-0.4652625	0.73748362	0.228016968						
PLOR1A	NM_015425_bp367_R	GCTAAAAAGCTTCGGGGGCTTTGTTTAAATCTCTTGAATTTAAACAAGAGCCCCGAAGCGG	Hs.531818	13647	-1.1792	0.25441581	0.001192608						-0.5097375	1.05841401	0.300764538						
PLOR1B	NM_019014_bp2884_R	GCTAAAAGACGATGGATTGCCGTTTATATCTCTTGAATATAAACGGCAATCCATCGTCGG	Hs.86337	2897	-0.917925	0.39160336	0.008683636						-0.0174875	0.36012287	0.911926321						
PLOR1B	NM_019014_bp2884_R	GCTAAAAGACGATGGATTGCCGTTTATATCTCTTGAATATAAACGGCAATCCATCGTCGG	Hs.86337	8273	-0.625425	0.38482918	0.038819562						0.0528375	0.46868822	0.707778545						
PLOR1B	NM_019014_bp2884_R	GCTAAAAGACGATGGATTGCCGTTTATATCTCTTGAATATAAACGGCAATCCATCGTCGG	Hs.86337	13649	-0.879075	0.50094916	0.011805833						-0.0511875	0.30249942	0.969144602						
PLOR1B	NM_019014_bp3360_R	GCTAAAAGGCTGCTGGCTACAATTTCTATCTCTTGAATACGAAATTGTAGCCAGCAGCCGG	Hs.86337	2899	-0.510175	0.22789338	0.031319289						-0.3745375	0.37246591	0.184923258						
PLOR1B	NM_019014_bp3360_R	GCTAAAAGGCTGCTGGCTACAATTTCTATCTCTTGAATACGAAATTGTAGCCAGCAGCCGG	Hs.86337	8275	-0.428525	0.2279744	0.060700205						-0.3213625	0.4880858	0.304028765						
PLOR1B	NM_019014_bp3360_R	GCTAAAAGGCTGCTGGCTACAATTTCTATCTCTTGAATACGAAATTGTAGCCAGCAGCCGG	Hs.86337	13651	-0.488525	0.38337448	0.080747447						-0.0115625	0.62090005	0.914930652						
PLOR1B	NM_019014_bp582_R	GCTAAAAGCACGTGGAGTCCCTCAACTATCTCTTGAATAGTTGAAGGACTCCACGTGCGG	Hs.86337	2901	0.104825	0.42365283	0.484681153						0.0572875	1.06069408	0.81766251						
PLOR1B	NM_019014_bp582_R	GCTAAAAGCACGTGGAGTCCCTCAACTATCTCTTGAATAGTTGAAGGACTCCACGTGCGG	Hs.86337	8277	0.0422	0.31983759	0.615461117						-0.0949625	0.75597147	0.876688989						
PLOR1B	NM_019014_bp582_R	GCTAAAAGCACGTGGAGTCCCTCAACTATCTCTTGAATAGTTGAAGGACTCCACGTGCGG	Hs.86337	13653	0.25025	0.44693318	0.223099604						0.2863625	0.62946573	0.293531574						
PLOR1C	NM_004875_bp116_R	GCTAAAAAGGGTTCGCAATGTCCATACTATCTCTTGAATAGTGGACATTGCGAACCCGG	Hs.584839	2931	0.286625	0.71726992	0.321997369						0.41746667	0.99785988	0.332918764						
PLOR1C	NM_004875_bp116_R	GCTAAAAAGGGTTCGCAATGTCCATACTATCTCTTGAATAGTGGACATTGCGAACCCGG	Hs.584839	8307	0.26885	0.71278038	0.342884253						1.0178	1.23418284	0.087683885						
PLOR1C	NM_004875_bp116_R	GCTAAAAAGGGTTCGCAATGTCCATACTATCTCTTGAATAGTGGACATTGCGAACCCGG	Hs.584839	13683	0.148725	0.82542857	0.584388933						0.622566667	0.6536606	0.098529899						
PLOR1C	NM_004875_bp330_R	GCTAAAAAGGCTCTGGTGTACAATATACTCTCTTGAAGTATTATTGTACACCAGGACCGG	Hs.584839	2903	1.68905	2.08342812	0.085309148						1.98345	2.12520943	0.064033864						
PLOR1C	NM_004875_bp330_R	GCTAAAAAGGCTCTGGTGTACAATATACTCTCTTGAAGTATTATTGTACACCAGGACCGG	Hs.584839	8279	1.278966667	2.50915861	0.265897505						2.6197	3.06219663	0.073679082						
PLOR1C	NM_004875_bp330_R	GCTAAAAAGGCTCTGGTGTACAATATACTCTCTTGAAGTATTATTGTACACCAGGACCGG	Hs.584839	13655	1.361566667	2.63178537	0.260787291						2.62125	2.86767155	0.062557522						
PLOR1C	NM_004875_bp894_R	GCTAAAAGCTGGATACCTTCAGCAGAGATCTCTTGAATCTCTGCTGAAGGTATCCAGCGG	Hs.584839	2929	0.03315	0.34287577	0.663204167						-0.4366125	0.38585076	0.131000224						
PLOR1C	NM_004875_bp894_R	GCTAAAAGCTGGATACCTTCAGCAGAGATCTCTTGAATCTCTGCTGAAGGTATCCAGCGG	Hs.584839	8305	0.056625	0.34786908	0.584749371						-0.3137375	0.38512578	0.273431164						
PLOR1C	NM_004875_bp894_R	GCTAAAAGCTGGATACCTTCAGCAGAGATCTCTTGAATCTCTGCTGAAGGTATCCAGCGG	Hs.584839	13681	-0.1163	0.43495983	0.799373269						-0.5909625	0.36784779	0.0483032						
PLOR1E	NM_022490_bp1074_R	GCTAAAAGGAACTTAATTTCGGATTCTATCTCTTGAATCGAATCCGGAATAAGTTCCGG	Hs.591087	2806									-1.16078333	1.0377114	0.050313267						
PLOR1E	NM_022490_bp1074_R	GCTAAAAGGAACTTAATTTCGGATTCTATCTCTTGAATCGAATCCGGAATAAGTTCCGG	Hs.591087	8182									-1.09415	1.05210149	0.062670368						
PLOR1E	NM_022490_bp1074_R	GCTAAAAGGAACTTAATTTCGGATTCTATCTCTTGAATCGAATCCGGAATAAGTTCCGG	Hs.591087	13558	-0.261475	0.32157436	0.31516352						-1.21417667	0.71830071	0.018712835						
PLOR1E	NM_022490_bp297_R	GCTAAAAGCGCTCTCCTATGTGGGAAACATCTCTTGAATGTTTCCCACATAGGAGAGCCGG	Hs.591087	2802	-0.0366	0.43834751	0.931477198						-1.31153375	0.95952793	0.015609164						
PLOR1E	NM_022490_bp297_R	GCTAAAAGCGCTCTCCTATGTGGGAAACATCTCTTGAATGTTTCCCACATAGGAGAGCCGG	Hs.591087	8178	-0.0284	0.40328589	0.898681265						-1.3080625	0.93502271	0.01452364						
PLOR1E	NM_022490_bp297_R	GCTAAAAGCGCTCTCCTATGTGGGAAACATCTCTTGAATGTTTCCCACATAGGAGAGCCGG	Hs.591087	13554	-0.05505	0.40459557	0.994130361						-1.3807375	0.98196039	0.013461909						
PLOR1E	NM_022490_bp920_R	GCTAAAAGCCCGATGCATATGGTTTCTGTCTCTTGAACAGAAACCATATGCATCGGGCGG	Hs.591087	2804	-1.052425	0.29500919	0.002462315						0.2312625	1.12501897	0.573655665						
PLOR1E	NM_022490_bp920_R	GCTAAAAGCCCGATGCATATGGTTTCTGTCTCTTGAACAGAAACCATATGCATCGGGCGG	Hs.591087	8180	-1.127483333	0.19028849	0.004223613						0.2550375	1.21434383	0.541766262						
PLOR1E	NM_022490_bp920_R	GCTAAAAGCCCGATGCATATGGTTTCTGTCTCTTGAACAGAAACCATATGCATCGGGCGG	Hs.591087	13556	-0.90885	0.40700605	0.009737841						0.0548625	0.94030918	0.802872014						
PLOR2H	NM_006232_bp198_R	GCTAAAAGGATCTAATCTTAGATGTAAATCTCTTGAATTTACATCTAAGATTATCGATCCG	Hs.432574	2937	1.804875	1.87471685	0.098772172						0.4356875	1.04425828	0.285073786						
PLOR2H	NM_006232_bp198_R	GCTAAAAGGATCTAATCTTAGATGTAAATCTCTTGAATTTACATCTAAGATTATCGATCCG	Hs.432574	8313	0.93015	0.9827095	0.05310678						0.3034625	0.686206	0.292141687						
PLOR2H	NM_006232_bp198_R	GCTAAAAGGATCTAATCTTAGATGTAAATCTCTTGAATTTACATCTAAGATTATCGATCCG	Hs.432574	13689	1.740575	1.7730349	0.095396422						0.4388125	0.86568658	0.220335494						
PLOR2H	NM_006232_bp339_R	GCTAAAAGCTGACAGTTTGAGTATGTTCTCTTGAAACATACTCAAACTGGTCAGCCGG	Hs.432574	2933	-0.24735	0.2997493	0.330498633						-0.0458375	0.91389241	0.993735166						
PLOR2H	NM_006232_bp339_R	GCTAAAAGCTGACAGTTTGAGTATGTTCTCTTGAAACATACTCAAACTGGTCAGCCGG	Hs.432574	8309	-0.222	0.31108928	0.40129288						-0.0348125	0.85519258	0.98259142						
PLOR2H	NM_006232_bp339_R	GCTAAAAGCTGACAGTTTGAGTATGTTCTCTTGAAACATACTCAAACTGGTCAGCCGG	Hs.432574	13685	-0.21	0.31942048	0.44122755						-0.0568375	0.89254724	0.97044682						
PLOR2H	NM_006232_bp93_R	GCTAAAAGGGCATCCTGTTTGAGGATATTCTCTTGAATATCCTCAAACAGGATGCCCGG	Hs.432574	2935	0.252775	0.21415283	0.102889921						-0.0624125	0.31823178	0.929267212						
PLOR2H	NM_006232_bp93_R	GCTAAAAGGGCATCCTGTTTGAGGATATTCTCTTGAATATCCTCAAACAGGATGCCCGG	Hs.432574	8311	0.27565	0.19314536	0.077054527						0.0577125	0.43322727	0.684723212						
PLOR2H	NM_006232_bp93_R	GCTAAAAGGGCATCCTGTTTGAGGATATTCTCTTGAATATCCTCAAACAGGATGCCCGG	Hs.432574	13687	0.1508	0.19530507	0.225863223						-0.0808375	0.42614846	0.8760447						
PLOR2L	NM_021128_bp38_R	GCTAAAAAGCTGCTTCACTTGTGGCAAGATCTCTTGAATCTTGCCACAAGTGAAGCAGCGG	Hs.441072	2939	-0.0089	0.2604815	0.784641181						-0.5854625	0.73165994	0.134405926						
PLOR2L	NM_021128_bp38_R	GCTAAAAGCTGCTTCACTTGTGGCAAGATCTCTTGAATCTTGCCACAAGTGAAGCAGCGG	Hs.441072	8315	-0.05875	0.22333594	0.989919704						-0.3121125	0.59696807	0.367978437						
PLOR2L	NM_021128_bp38_R	GCTAAAAGCTGCTTCACTTGTGGCAAGATCTCTTGAATCTTGCCACAAGTGAAGCAGCGG	Hs.441072	13691	-0.201475	0.28231973	0.433202036						-0.3291375	1.105616573	0.528436132						
PLOR2L	NM_021128_bp618_R	GCTAAAAGTACCCTCTCTCTCGGAATCTTCTCTTGAAAGATTCCGAGAGAGAGGGTACGG	Hs.441072	2943	1.186575	2.28652023	0.000823872						-0.5937125	0.26607115	0.034696472						
PLOR2L	NM_021128_bp618_R	GCTAAAAGTACCCTCTCTCTCGGAATCTTCTCTTGAAAGATTCCGAGAGAGAGGGTACGG	Hs.441072	8319	1.12645	0.57214594	0.006186008						-0.4656875	0.20671148	0.072015557						
PLOR2L	NM_021128_bp618_R	GCTAAAAGTACCCTCTCTCTCGGAATCTTCTCTTGAAAGATTCCGAGAGAGAGGGTACGG	Hs.441072	13695	1.1906	0.37684296	0.001502395						-0.5409125	0.41713609	0.074195098						
PLOR2L	NM_021128_bp796_R	GCTAAAAGGGCACAGTGTTCACACCTGTATCTCTTGAATACAGGTGTGAACACTGTGCCGG	Hs.441072	2941	-0.167	0.46323519	0.64636255						0.9271125	0.72050008	0.019944936						
PLOR2L	NM_021128_bp796_R	GCTAAAAGGGCACAGTGTTCACACCTGTATCTCTTGAATACAGGTGTGAACACTGTGCCGG	Hs.441072	8317	-0.1628	0.47567621	0.663116154						0.7048875	0.84328408	0.073734917						
PLOR2L	NM_021128_bp796_R	GCTAAAAGGGCACAGTGTTCACACCTGTATCTCTTGAATACAGGTGTGAACACTGTGCCGG	Hs.441072	13693	-0.148575	0.46605904	0.701082321						0.6426625	0.80258156	0.08568097						
PON2	AK054688_bp1196_R	GCTAAAAGTGCCCTTCTTGGGTGGTATATCTCTTGAATATACCACCCAAGAAGGGCACGG	Hs.530077	3955	-0.4014625	0.21156924	0.04675936						-0.55905	0.68277599	0.110750229						
PON2	AK054688_bp1196_R	GCTAAAAGTGCCCTTCTTGGGTGGTATATCTCTTGAATATACCACCCAAGAAGGGCACGG	Hs.530077	9331	-0.3343625	0.21964361	0.082903546						-0.39385	0.36216844	0.123593313						
PON2	AK054688_bp1196_R	GCTAAAAGTGCCCTTCTTGGGTGGTATATCTCTTGAATATACCACCCAAGAAGGGCACGG	Hs.530077	14707	-0.5489875	0.26053912	0.02025786						-0.12575	0.17519655	0.53307073						
PON2	AK054688_bp1753_R	GCTAAAAAGTGCGATAACTTAACAATTAATCTCTTGAATTAATTGTTAAGTTATCGCACGG	Hs.530077	3951	-0.6595375	0.20888814	0.007477622						-0.318675	0.18881399	0.147237818						
PON2	AK054688_bp1753_R	GCTAAAAGTGCGATAACTTAACAATTAATCTCTTGAATTAATTGTTAAGTTATCGCACGG	Hs.530077	9327	-0.5935125	0.23132509	0.012888703						-0.2949	0.19086995	0.175088842						
PON2	AK054688_bp1753_R	GCTAAAAGTGCGATAACTTAACAATTAATCTCTTGAATTAATTGTTAAGTTATCGCACGG	Hs.530077	14703	-0.6437375	0.30449353	0.014203019						-0.348575	0.15575822	0.112844907						
PON2	AK054688_bp740_R	GCTAAAAAGCAGGAAGGTTACCTCTAAATTCTCTTGAAATTTAGAGGTAACCTTCTGCGG	Hs.530077	3953	1.73555	0.85142728	0.025340255						0.14645	0.17151844	0.4695717						
PON2	AK054688_bp740_R	GCTAAAAAGCAGGAAGGTTACCTCTAAATTCTCTTGAATTTAGAGGTAACCTTCTGCGG	Hs.530077	9329	1.7109	0.59510107	0.014710721						0.0981	0.19040902	0.627663928						
PON2	AK054688_bp740_R	GCTAAAAGCAGGAAGGTTACCTCTAAATTCTCTTGAATTTAGAGGTAACCTTCTGCGG	Hs.530077	14705	1.4884	0.54120967	0.005695755						0.129175	0.25253163	0.543444894						
POU2AF1	NM_006235_bp1253_R	GCTAAAAAGCCTATGCGCTTAACCACACATTCTCTTGAAAGTGTGGTTAAGCGCATAGGCGG	Hs.2407	3451	-0.339675	0.5649807	0.223836388						-0.0320875	0.78673289	0.925587686		0.29625	0.36026121	0.198592626	0.20925	0.44692196	0.418143072
POU2AF1	NM_006235_bp1253_R	GCTAAAAAGCCTATGCGCTTAACCACACATTCTCTTGAAAGTGTGGTTAAGCGCATAGGCGG	Hs.2407	8827	-0.111675	0.40462991	0.605823283						-0.4968375	0.51912377	0.099851232		0.30055	0.35550205	0.189445189	0.329125	0.46606507	0.252707476
POU2AF1	NM_006235_bp1253_R	GCTAAAAAGCCTATGCGCTTAACCACACATTCTCTTGAAAGTGTGGTTAAGCGCATAGGCGG	Hs.2407	14203	-0.368775	0.30326817	0.088178869						0.1402375	0.99574431	0.733347135		0.30435	0.35608859	0.185906562	0.3668	0.45652252	0.206427418
POU2AF1	NM_006235_bp2190_R	GCTAAAAGGGAGGAAGCTTGAGTTTGATTTCTCTTGAAATCAAACTCAAGCTTCCTCCCGG	Hs.2407	3453	0.379225	0.29003229	0.077415176						-0.2509625	0.18379236	0.236981192		0.352825	0.12946509	0.012130702	0.163	0.34599001	0.415989001
POU2AF1	NM_006235_bp2190_R	GCTAAAAGGGAGGAAGCTTGAGTTTGATTTCTCTTGAAATCAAACTCAAGCTTCCTCCCGG	Hs.2407	8829	0.407275	0.2719777	0.058259895						-0.2830375	0.19557789	0.192003759		0.409275	0.22381098	0.033510963	0.124075	0.3165983	0.490345341
POU2AF1	NM_006235_bp2190_R	GCTAAAAGGGAGGAAGCTTGAGTTTGATTTCTCTTGAAATCAAACTCAAGCTTCCTCCCGG	Hs.2407	14205	0.490875	0.29448468	0.035748074						-0.2534125	0.17387929	0.230475747		0.350275	0.24330656	0.063565892	0.1419	0.35007606	0.476890635
POU2AF1	NM_006235_bp2241_R	GCTAAAAGGCTCCAGATTACTTGGTTATTCTCTTGAATAACCAAGTAATCTGGAGCCCGG	Hs.2407	3455	0.73275	0.09726146	0.002819949						0.0293625	0.21745669	0.88555885		0.674075	0.26644123	0.014898073	1.1325	0.43790773	0.014023464
POU2AF1	NM_006235_bp2241_R	GCTAAAAGGGCTCCAGATTACTTGGTTATTCTCTTGAATAACCAAGTAATCTGGAGCCCGG	Hs.2407	8831	1.5243	1.4325336	0.043694496						0.3182125	0.71268638	0.341148456		0.68425	0.27130262	0.015025401	1.131625	0.48033807	0.018097553
POU2AF1	NM_006235_bp2241_R	GCTAAAAGGGCTCCAGATTACTTGGTTATTCTCTTGAATAACCAAGTAATCTGGAGCCCGG	Hs.2407	14207	0.740875	0.19562912	0.004266651						0.1485625	0.44955669	0.557505865		0.7134	0.19921263	0.005606132	1.127725	0.43955215	0.014334895
POU2F2	M36542_bp1196_R	GCTAAAAAGCACAACAGTTACTACCTTATTCTCTTGAAATAAGGTAGTAACTGTTGTGCGG	Hs.515429	4815	-1.2749625	1.65709052	0.108430536	0.0141375	0.83730933	0.970798204							0.222125	0.51869878	0.454700163	0.528375	0.35026662	0.056899097
POU2F2	M36542_bp1196_R	GCTAAAAAGCACAACAGTTACTACCTTATTCTCTTGAAATAAGGTAGTAACTGTTGTGCGG	Hs.515429	10191	-0.1540125	2.24649542	0.381633687	0.1231875	0.78341015	0.737132439							0.338325	0.50000676	0.268907382	0.590875	0.33465765	0.038605457
POU2F2	M36542_bp1196_R	GCTAAAAAGCACAACAGTTACTACCTTATTCTCTTGAAATAAGGTAGTAACTGTTGTGCGG	Hs.515429	15567	-1.1384625	1.78221623	0.165196614	0.0699875	0.79236764	0.849525624							0.242575	0.44390646	0.354339371	0.570375	0.32584255	0.039454764
POU2F2	M36542_bp76_R	GCTAAAAGCTCCAGAAATAAGAATGCTTCTCTTGAAAGACATTCTTATTTCTGGAGCGG	Hs.515429	4817	-0.5719375	1.18858171	0.041901426	0.2032125	0.28799607	0.302456891							-0.082775	0.61709848	0.805879567	0.32755	0.55117898	0.320130919
POU2F2	M36542_bp76_R	GCTAAAAGCTCCAGAAATAAGAATGCTTCTCTTGAAAGACATTCTTATTTCTGGAGCGG	Hs.515429	10193	-0.5045625	0.15340463	0.016366362	-0.1494125	0.29524173	0.440199404							-0.0275	0.55660274	0.927518656	0.411425	0.51083946	0.205611939
POU2F2	M36542_bp76_R	GCTAAAAGCTCCAGAAATAAGAATGCTTCTCTTGAAAGACATTCTTATTTCTGGAGCGG	Hs.515429	15569	-0.8013375	0.76867429	0.056220402	-0.1266625	0.30060878	0.514033694							-0.052725	0.61134503	0.874037714	0.38615	0.52633027	0.238997619
POU2F2	M36542_bp797_R	GCTAAAAGGGCTCAACGATGCAGAGACTATCTCTTGAATAGTCTCTGCATCGTTGAGCCGG	Hs.515429	4813	0.5051375	0.19276485	0.019491473	-0.3761125	0.39183899	0.133301176							0.240925	0.13747575	0.039339641	-0.29715	1.05516688	0.612630932
POU2F2	M36542_bp797_R	GCTAAAAGGGCTCAACGATGCAGAGACTATCTCTTGAATAGTCTCTGCATCGTTGAGCCGG	Hs.515429	10189	0.8985375	0.53263305	0.013997084	-0.3766375	0.43711609	0.154461263							0.274575	0.13121825	0.024866263	-0.269975	1.06940347	0.648378647
POU2F2	M36542_bp797_R	GCTAAAAGGGCTCAACGATGCAGAGACTATCTCTTGAATAGTCTCTGCATCGTTGAGCCGG	Hs.515429	15565	0.2860125	0.66714736	0.365927757	-0.2572625	0.35510574	0.248377385							0.3206	0.11079955	0.010263217	-0.156425	1.10201116	0.794960392
POU5F1	NM_002701_bp569_R	GCTAAAAAGGGGGTTCATTTGGGAAGGTTCTCTTGAAACCTTCCCCAAATAGAACCCCCGG	Hs.29184	3501	0.247275	0.34719872	0.241864001						0.0154375	0.26405466	0.941704302						
POU5F1	NM_002701_bp569_R	GCTAAAAAGGGGGTTCATTTGGGAAGGTTCTCTTGAAACCTTCCCCAAATAGAACCCCCGG	Hs.29184	8877	0.297075	0.25708588	0.128024484						0.0588625	0.32043745	0.790828405						
POU5F1	NM_002701_bp569_R	GCTAAAAAGGGGGTTCATTTGGGAAGGTTCTCTTGAAACCTTCCCCAAATAGAACCCCCGG	Hs.29184	14253	0.317175	0.28483894	0.120479599						0.0279125	0.34104316	0.901475962						
POU5F1	NM_002701_bp626_R	GCTAAAAGCAGCTTAGCTTCAAGAACATTCTCTTGAAATGTTCTTGAAGCTAAGCTGCGG	Hs.29184	3499	-0.3007	0.87814323	0.445492969						0.5048875	0.62974038	0.126263906						
POU5F1	NM_002701_bp626_R	GCTAAAAGCAGCTTAGCTTCAAGAACATTCTCTTGAAATGTTCTTGAAGCTAAGCTGCGG	Hs.29184	8875	0.806975	0.56793913	0.024808666						0.2746625	0.52615541	0.327406192						
POU5F1	NM_002701_bp626_R	GCTAAAAGCAGCTTAGCTTCAAGAACATTCTCTTGAAATGTTCTTGAAGCTAAGCTGCGG	Hs.29184	14251	0.361175	0.69480446	0.279742527						0.2797625	0.06819344	0.173939096						
POU5F1	NM_002701_bp875_R	GCTAAAAGGTCCGAGTGTGGTTCTGTAATCTCTTGAATTACAGAACCACACTCGGACCGG	Hs.29184	3497	-0.763575	0.63242683	0.03969028						-0.0544625	0.69574061	0.86337833						
POU5F1	NM_002701_bp875_R	GCTAAAAGGTCCGAGTGTGGTTCTGTAATCTCTTGAATTACAGAACCACACTCGGACCGG	Hs.29184	8873	-0.680025	0.06467893	0.003544497						0.4338375	0.53928566	0.147184653						
POU5F1	NM_002701_bp875_R	GCTAAAAGGTCCGAGTGTGGTTCTGTAATCTCTTGAATTACAGAACCACACTCGGACCGG	Hs.29184	14249	-0.3433	0.42438971	0.161107152						0.2383875	1.126938	0.603131199						
POU5F1	NM_018489_bp1399_R	GCTAAAAGTGGGTTGACTGGTTAATAAATCTCTTGAATTTATTAACCAGTCCAACCACGG	Hs.491060	3085	0.2862	0.51137343	0.27974146						-0.907575	0.41359136	0.007550142						
POU5F1	NM_018489_bp1399_R	GCTAAAAGTGGGTTGACTGGTTAATAAATCTCTTGAATTTATTAACCAGTCCAACCACGG	Hs.491060	8461	0.322875	0.56768844	0.260706484						-0.885325	0.44092216	0.009500718						
POU5F1	NM_018489_bp1399_R	GCTAAAAGTGGGTTGACTGGTTAATAAATCTCTTGAATTTATTAACCAGTCCAACCACGG	Hs.491060	13837	0.2885	0.47514418	0.255240534						-0.8956	0.49182616	0.011122093						
POU5F1	NM_018489_bp3385_R	GCTAAAAGCTGCCACATTTGGCTCTAAATCTCTTGAATTTAGAGCCAAATGTGGCAGCGG	Hs.491060	3087	-1.4683	0.31194549	0.000407701						-0.923025	0.34044154	0.005089196						
POU5F1	NM_018489_bp3385_R	GCTAAAAGCTGCCACATTTGGCTCTAAATCTCTTGAATTTAGAGCCAAATGTGGCAGCGG	Hs.491060	8463	-1.436	0.3327702	0.000524125						-0.889175	0.368383	0.006827299						
POU5F1	NM_018489_bp3385_R	GCTAAAAGCTGCCACATTTGGCTCTAAATCTCTTGAATTTAGAGCCAAATGTGGCAGCGG	Hs.491060	13839	-1.514225	0.4041588	0.000671664						-0.87735	0.33632195	0.006347679						
POU5F1	NM_018489_bp7511_R	GCTAAAAGGATCGAGTATGGGGAATATCATCTCTTGAATGATATTCCCATCATCTCGGCGG	Hs.

PPM1D	NM_003620_bp573_R	AGCTAAAAGGAGCACTTGTGGGGTTTCATTCTCTTGAAATGAACCCCACAAGTGCTCCGG	Hs.591184	1956	0.3950375	0.23834769	0.055174689						-0.2020625	0.81661412	0.572063493						
PPM1D	NM_003620_bp573_R	AGCTAAAAGGAGCACTTGTGGGGTTTCATTCTCTTGAAATGAACCCCACAAGTGCTCCGG	Hs.591184	7332	0.3980375	0.34036039	0.08331147						-0.1572626	0.86839723	0.67223393						
PPM1D	NM_003620_bp573_R	AGCTAAAAGGAGCACTTGTGGGGTTTCATTCTCTTGAAATGAACCCCACAAGTGCTCCGG	Hs.591184	12708	0.2881125	0.34734087	0.182769783						-0.1231125	0.8545933	0.736775741						
PPME1	AK095005_bp222_R	AGCTAAAAGGAGCTATATTCTCTCATAATTCTCTTGAAATTATGAGAGAATATAGCTCCGG	Hs.503251	3908	0.7726875	0.4712723	0.017992281						0.511775	0.47796721	0.082155412						
PPME1	AK095005_bp222_R	AGCTAAAAGGAGCTATATTCTCTCATAATTCTCTTGAAATTATGAGAGAATATAGCTCCGG	Hs.503251	9284	0.7755125	0.48639142	0.01920569						0.54995	0.22315413	0.030697059						
PPME1	AK095005_bp222_R	AGCTAAAAGGAGCTATATTCTCTCATAATTCTCTTGAAATTATGAGAGAATATAGCTCCGG	Hs.503251	14660	0.8171375	0.40583182	0.010071893						0.626975	0.25725696	0.020414191						
PPME1	AK095005_bp372_R	AGCTAAAAGGCACTGATGTTGGTAATTATTCTCTTGAAATAATTACCAACATCAGTGCCGG	Hs.503251	3904	0.1975875	0.02342763	0.187815043						0.374025	0.33319465	0.131522596						
PPME1	AK095005_bp372_R	AGCTAAAAGGCACTGATGTTGGTAATTATTCTCTTGAAATAATTACCAACATCAGTGCCGG	Hs.503251	9280	0.0942125	0.17154675	0.545361798						0.4696	0.23964517	0.055524198						
PPME1	AK095005_bp372_R	AGCTAAAAGGCACTGATGTTGGTAATTATTCTCTTGAAATAATTACCAACATCAGTGCCGG	Hs.503251	14656	0.4958625	0.26961603	0.030501524						0.5751	0.28059393	0.030633254						
PPME1	AK095005_bp790_R	AGCTAAAAGCGGGTAGTCTAACAAATGATTTCTTGAAATCATTTGTTAGACTACCCGCGG	Hs.503251	3906	0.1957625	0.14724337	0.224381887						-0.72865	0.296086	0.012466215						
PPME1	AK095005_bp790_R	AGCTAAAAGCGGGTAGTCTAACAAATGATTTCTTGAAATCATTTGTTAGACTACCCGCGG	Hs.503251	9282	0.1258875	0.14550786	0.412848186						-0.61155	0.30717718	0.026425262						
PPME1	AK095005_bp790_R	AGCTAAAAGCGGGTAGTCTAACAAATGATTTCTTGAAATCATTTGTTAGACTACCCGCGG	Hs.503251	14658	0.2007625	0.14125814	0.211921685						-0.52125	0.32014345	0.048864366						
PPP1R14C	NM_030949_bp312_R	AGCTAAAAGACAGTGAATACGATCGTATACTCTTGAATTACGATCGTATTTCACTGTCGG	Hs.486798	5247	-0.3012375	0.07920025	0.072581724	0.1639625	0.6551701	0.607231228											
PPP1R14C	NM_030949_bp312_R	AGCTAAAAGACAGTGAATACGATCGTATACTCTTGAATTACGATCGTATTTCACTGTCGG	Hs.486798	10623	-0.2573375	0.28037222	0.187618604	0.1702875	0.51661189	0.524955536											
PPP1R14C	NM_030949_bp312_R	AGCTAAAAGACAGTGAAATACGATCGTATACTCTTGAATTACGATCGTATTTCACTGTCGG	Hs.486798	15999	0.2115125	0.3228061	0.292095095	0.92165	0.03005204	0.044870491											
PPP1R14C	NM_030949_bp418_R	AGCTAAAAGGGTAGAAATTGACATTGATTCTCTTGAAATCAATGTCAATTTCTACCTCGG	Hs.486798	5245	0.4687125	0.41674044	0.072413759	0.0281625	0.72415319	0.934191014											
PPP1R14C	NM_030949_bp418_R	AGCTAAAAGGGTAGAAATTGACATTGATTCTCTTGAAATCAATGTCAATTTCTACCTCGG	Hs.486798	10621	0.3038875	0.48829155	0.241447388	0.0652125	0.55134268	0.812649015											
PPP1R14C	NM_030949_bp418_R	AGCTAAAAGGGTAGAAATTGACATTGATTCTCTTGAAATCAATGTCAATTTCTACCTCGG	Hs.486798	15997	0.3640625	0.42895587	0.143835064	0.2547125	0.62404052	0.417670028											
PPP1R14C	NM_030949_bp734_R	AGCTAAAAGGGGGGTCTATTAGACATTTATCTCTTGAATAAATGTCTAATAGACCCCCCGG	Hs.486798	1249	0.3864125	0.47426258	0.145509378	-0.6161875	0.6535322	0.098451311											
PPP1R14C	NM_030949_bp734_R	AGCTAAAAGGGGGGTCTATTAGACATTTATCTCTTGAATAAATGTCTAATAGACCCCCCGG	Hs.486798	10625	0.0561375	0.44301065	0.804075316	-0.3989625	0.56997399	0.200451374											
PPP1R14C	NM_030949_bp734_R	AGCTAAAAGGGGGGTCTATTAGACATTTATCTCTTGAATAAATGTCTAATAGACCCCCCGG	Hs.486798	16001	0.5421875	0.41491376	0.046330735	-0.1610875	0.36091811	0.452256236											
PPP1R7	BC051689_bp108L_R	AGCTAAAAGCTGGATCTTTACGACAACCATCTCTTGAATGGTTGTCGTAAAGATCCAGCGG	Hs.36587	4440	0.26165	0.7921963	0.466878012	0.038125	0.30837524	0.841779058	-0.44426667	0.56861439	0.206268551								
PPP1R7	BC051689_bp108L_R	AGCTAAAAGCTGGATCTTTACGACAACCATCTCTTGAATGGTTGTCGTAAAGATCCAGCGG	Hs.36587	9816	0.020925	0.74968173	0.949988126	0.08285	0.22746886	0.626934427	0.025366667	0.61381184	0.939463845								
PPP1R7	BC051689_bp108L_R	AGCTAAAAGCTGGATCTTTACGACAACCATCTCTTGAATGGTTGTCGTAAAGATCCAGCGG	Hs.36587	15192	0.415575	0.93231157	0.327199119	0.008375	0.19674183	0.958425548	0.065766667	0.57667326	0.839598831								
PPP1R7	BC051689_bp147S_R	AGCTAAAAGAGCTGTACCTTAGCCACAATCTTCTCTTGAAATGTGGCCTAAGGTAACAGCTCGG	Hs.36587	4468	0.211775	1.34581878	0.709199583	-0.2674			0.0842										
PPP1R7	BC051689_bp147S_R	AGCTAAAAGAGCTGTACCTTAGCCACAATCTTCTCTTGAAATTGTGGCCTAAGGTACAGCTCGG	Hs.36587	9844	0.321725	1.17751953	0.526792939	-0.42485	0.05720494	0.200962724	-0.9239										
PPP1R7	BC051689_bp147S_R	AGCTAAAAGAGCTGTACCTTAGCCACAATCTTCTCTTGAAATTGTGGCCTAAGGTACAGCTCGG	Hs.36587	15220	0.4635	1.8103267	0.543626209	-0.229025	0.09928056	0.157715034	0.264										
PPP1R7	BC051689_bp326_R	AGCTAAAAGGGAGAATGTTGTTGCTCTTGTCTCTTGAACAAGAGCAACAACATTCTCCCGG	Hs.36587	4466	0.98655	1.01156919	0.061869764	-0.686925	0.38026602	0.022660229	0.547833333	1.02688902	0.263293818								
PPP1R7	BC051689_bp326_R	AGCTAAAAGGGAGAATGTTGTTGCTCTTGTCTCTTGAACAAGAGCAACAACATTCTCCCGG	Hs.36587	9842	0.916333333	1.10650671	0.129040577	-0.554425	0.31642213	0.033100816	0.594066667	1.30571321	0.307866196								
PPP1R7	BC051689_bp326_R	AGCTAAAAGGGAGAATGTTGTTGCTCTTGTCTCTTGAACAAGAGCAACAACATTCTCCCGG	Hs.36587	15218	1.046	1.2328828	0.119051023	-1.0531			0.799566667	1.11200762	0.143252463								
PPP2R1A	NM_014225_bp1422_R	AGCTAAAAGTGGAGTTCTTTGATGAGAAATCTCTTGAATTTCTCATCAAAGAACTCCACGG	Hs.467192	2430	0.2828	0.27759158	0.112062379				-0.6314375	0.64941348	0.086834582								
PPP2R1A	NM_014225_bp1422_R	AGCTAAAAGTGGAGTTCTTTGATGAGAAATCTCTTGAATTTCTCATCAAAGAACTCCACGG	Hs.467192	7806	0.3088	0.21462878	0.071445567				-0.6385125	0.66196957	0.086730565								
PPP2R1A	NM_014225_bp1422_R	AGCTAAAAGTGGAGTTCTTTGATGAGAAATCTCTTGAATTTCTCATCAAAGAACTCCACGG	Hs.467192	13182	0.315725	0.32572837	0.105185756				-0.5391375	0.66453294	0.140977735								
PPP2R1A	NM_014225_bp1461_R	AGCTAAAAGCCTGGCTTGTGGATCATGTATCTCTTGAATACATGATCCACAAGCCAGGCGG	Hs.467192	2428	-0.218925	0.21097819	0.35429018				0.6499125	0.35354439	0.01948157								
PPP2R1A	NM_014225_bp1461_R	AGCTAAAAGCCTGGCTTGTGGATCATGTATCTCTTGAATACATGATCCACAAGCCAGGCGG	Hs.467192	7804	-0.17895	0.24166856	0.49289366				0.6664875	0.3041111	0.014712351								
PPP2R1A	NM_014225_bp1461_R	AGCTAAAAGCCTGGCTTGTGGATCATGTATCTCTTGAATACATGATCCACAAGCCAGGCGG	Hs.467192	13180	-0.169025	0.22575512	0.518664864				0.6580625	0.2870565	0.014577731								
PPP2R1A	NM_014225_bp1713_R	AGCTAAAAGTTGCCAATGTCCGCTTCAATTCTCTTGAAATTGAAGCGGACATTGGCAACGG	Hs.467192	2432	0.6545	0.66903395	0.054197621				-0.1339875	1.09546718	0.836094089								
PPP2R1A	NM_014225_bp1713_R	AGCTAAAAGTTGCCAATGTCCGCTTCAATTCTCTTGAAATTGAAGCGGACATTGGCAACGG	Hs.467192	7808	0.566075	0.66104488	0.077418				-0.4764375	0.64402202	0.011661594								
PPP2R1A	NM_014225_bp1713_R	AGCTAAAAGTTGCCAATGTCCGCTTCAATTCTCTTGAAATTGAAGCGGACATTGGCAACGG	Hs.467192	13184	0.638775	0.67707204	0.059515334				-0.4506625	0.4998769	0.15333286								
PPP5C	NM_006247_bp566_R	AGCTAAAAGCATGACCATTGAGGAATGAGTTTCTTGAAACTCATCCTCAATGGTCATGCCGG	Hs.431861	2724	0.9014	0.40317474	0.006651845				0.3773	0.76097261	0.285283992								
PPP5C	NM_006247_bp566_R	AGCTAAAAGCATGACCATTGAGGATGAGTTTCTTGAAACTCATCCTCAATGGTCATGCCGG	Hs.431861	8100	1.2013	0.79141436	0.015202182				0.4946	0.74306409	0.168935992								
PPP5C	NM_006247_bp566_R	AGCTAAAAGCATGACCATTGAGGATGAGTTTCTTGAAACTCATCCTCAATGGTCATGCCGG	Hs.431861	13476	0.999725	0.36430973	0.003356585				0.393225	0.81535747	0.288387885								
PPP5C	NM_006247_bp607_R	AGCTAAAAGACGGCAAAGTGACAATCAGTTCTCTTGAAACTGATTGTCACTTTGCCGTCGG	Hs.431861	2720	1.12955	0.33663575	0.001627028				1.1103	0.54687651	0.005391604								
PPP5C	NM_006247_bp607_R	AGCTAAAAGACGGCAAAGTGACAATCAGTTCTCTTGAAACTGATTGTCACTTTGCCGTCGG	Hs.431861	8096	1.19955	0.42263051	0.002198351				1.0537	0.63545327	0.010115542								
PPP5C	NM_006247_bp607_R	AGCTAAAAGACGGCAAAGTGACAATCAGTTCTCTTGAAACTGATTGTCACTTTGCCGTCGG	Hs.431861	13472	1.178775	0.41562052	0.00227036				1.05575	0.59451722	0.008417636								
PPP5C	NM_006247_bp987_R	AGCTAAAAGAACCAGATCTACGGTTTCGATCTCTTGAATCGAAACCGTAGATCTGGTTCGG	Hs.431861	2722	-1.192075	0.29982787	0.000990957				-0.529725	0.42772622	0.063994627								
PPP5C	NM_006247_bp987_R	AGCTAAAAGAACCAGATCTACGGTTTCGATCTCTTGAATCGAAACCGTAGATCTGGTTCGG	Hs.431861	8098	-1.101575	0.25645434	0.001062989				-0.476325	0.3181866	0.065034559								
PPP5C	NM_006247_bp987_R	AGCTAAAAGAACCAGATCTACGGTTTCGATCTCTTGAATCGAAACCGTAGATCTGGTTCGG	Hs.431861	13474	-1.115675	0.29822112	0.001327205				-0.468725	0.41184567	0.088045091								
PPP6C	NM_002721_bp559_R	AGCTAAAAGCTGGTTTATCTCCTGATATCATCTCTTGAATGATATCAGGAGATAAACCACGG	Hs.584019	2738	-1.97265	0.22281603	4.96E-05				-0.6323125	0.31586879	0.03097646								
PPP6C	NM_002721_bp559_R	AGCTAAAAGCTGGTTTATCTCCTGATATCATCTCTTGAATGATATCAGGAGATAAACCACGG	Hs.584019	8114	-1.9807	0.19749131	4.21E-05				0.6394125	0.31924427	0.030055513								
PPP6C	NM_002721_bp559_R	AGCTAAAAGCTGGTTTATCTCCTGATATCATCTCTTGAATGATATCAGGAGATAAACCACGG	Hs.584019	13490	-2.024725	0.16997392	3.22E-05				-0.6536625	0.29601253	0.025624067								
PPP6C	NM_002721_bp988_R	AGCTAAAAGCACGAAGGCTATAAATTTATTCTCTTGAAATAAATTTATAGCCTTCGTGCGG	Hs.584019	2712	-1.35185	0.1353998	0.000210933				-0.5245125	0.41900266	0.082766193								
PPP6C	NM_002721_bp788_R	AGCTAAAAGCACGAAGGCTATAAATTTATTCTCTTGAAATAAATTTATAGCCTTCGTGCGG	Hs.584019	8088	-1.3351	0.07139476	0.000197946				-0.6215125	0.40195292	0.044208353								
PPP6C	NM_002721_bp788_R	AGCTAAAAGCACGAAGGCTATAAATTTATTCTCTTGAAATAAATTTATAGCCTTCGTGCGG	Hs.584019	13464	-1.3733	0.08615179	0.000170569				-0.5250125	0.52982126	0.111227978								
PPP6C	NM_002721_bp873_R	AGCTAAAAGCTTCGATCATGGTCTTCAAATCTCTTGAATTTGAAGACCATGATCGAAGCGG	Hs.584019	2740	0.224075	0.13055578	0.09993882				-0.1940125	0.41913154	0.542049064								
PPP6C	NM_002721_bp873_R	AGCTAAAAGCTTCGATCATGGTCTTCAAATCTCTTGAATTTGAAGACCATGATCGAAGCGG	Hs.584019	8116	0.3127	0.3124735	0.09718958				-0.0717375	0.31455262	0.896111036								
PPP6C	NM_002721_bp873_R	AGCTAAAAGCTTCGATCATGGTCTTCAAATCTCTTGAATTTGAAGACCATGATCGAAGCGG	Hs.584019	13492	0.28455	0.235174	0.085377652				0.0298625	0.21729397	0.723809872								
PRDM1	NM_001198_bp1563_R	AGCTAAAAGTGCCCTGTCTACAGCAATCTTCTCTTGAAGATTGCTGTAGACAGGGCACGG	Hs.436023	3329	1.894625	0.51445855	0.000489977				-0.013175	0.23128271	0.948971203	1.130725	0.18247391	0.001131945	0.151375	0.51733496	0.559513642		
PRDM1	NM_001198_bp1563_R	AGCTAAAAGTGCCCTGTCTACAGCAATCTTCTCTTGAAGATTGCTGTAGACAGGGCACGG	Hs.436023	8705	2.561525	0.71763604	0.000393119				0.172125	0.1939422	0.405403751	1.134875	0.1676731	0.000871886	0.1759	0.54662638	0.565660807		
PRDM1	NM_001198_bp1563_R	AGCTAAAAGTGCCCTGTCTACAGCAATCTTCTCTTGAAGATTGCTGTAGACAGGGCACGG	Hs.436023	14081	2.6413	0.76095232	0.000427944				0.2383	0.20832469	0.265622927	1.14225	0.13502582	0.000356699	0.147775	0.51932429	0.609160941		
PRDM1	NM_001198_bp574_R	AGCTAAAAGGACCCCTAATAGGTGAAATCTCTCTTGAAGATTTCACCTATTAGGGGTCCGG	Hs.436023	3327	1.8462	0.2484758	8.69E-05				1.3266	0.60666936	0.030014695	0.0069	0.63430194	0.984008586	1.01585	0.80364047	0.085564957		
PRDM1	NM_001198_bp574_R	AGCTAAAAGGACCCCTAATAGGTGAAATCTCTCTTGAAGATTTCACCTATTAGGGGTCCGG	Hs.436023	14079	2.039125	0.39547891	0.000153975				1.364275	0.64145128	0.003093729	0.080775	0.68452045	0.828623838	0.9368	0.93796422	0.139661621		
PRDM1	NM_001198_bp574_R	AGCTAAAAGGACCCCTAATAGGTGAAATCTCTCTTGAAGATTTCACCTATTAGGGGTCCGG	Hs.436023	8703	1.94255	0.2003104	4.90E-05				0.959	0.20039406	0.039479933	0.082675	0.63808075	0.812294002	0.962225	0.85584065	0.110861775		
PRDM1	NM_001198_bp950_R	AGCTAAAAGCCCAAAGAATGTCCCAAAGATCTCTTGAATCTTTGGGACATTCTTTGGGCCGG	Hs.436023	3325	-0.674225	0.33161981	0.0138905				-1.055125	0.27144529	0.00196908	0.02605	0.55294837	0.93087307	-0.224525	0.53105668	0.459895538		
PRDM1	NM_001198_bp950_R	AGCTAAAAGCCCAAAGAATGTCCCAAAGATCTCTTGAATCTTTGGGACATTCTTTGGGCCGG	Hs.436023	8701	-0.643425	0.32352152	0.015857507				-1.0283	0.25158234	0.002073016	0.079225	0.60950607	0.811711693	-0.210925	0.56603587	0.510184796		
PRDM1	NM_001198_bp950_R	AGCTAAAAGCCCAAAGAATGTCCCAAAGATCTCTTGAATCTTTGGGACATTCTTTGGGCCGG	Hs.436023	14077	-0.580675	0.33464237	0.024595449				-0.6943	0.4102255	0.010227944	0.054275	0.62870488	0.873912629	-0.227425	0.50448384	0.433715273		
PRDM10	NM_020228_bp1296_R	AGCTAAAAGGCCCTGCTATGAATGTAACCTCTCTTGAAGGTTACATTCATAGCAGGGCCGG	Hs.275086	3271	-0.413675	0.09288381	0.02729217				-0.514725	1.03189158	0.249581458	0.472425	0.15281868	0.008520258	0.4458	0.2550923	0.039617732		
PRDM10	NM_020228_bp1296_R	AGCTAAAAGGCCCTGCTATGAATGTAACCTCTCTTGAAGGTTACATTCATAGCAGGGCCGG	Hs.275086	8647	-0.54865	0.47652397	0.058702002				-0.54805	1.03280958	0.22380991	0.608375	0.19676806	0.008516916	0.424725	0.29056173	0.061323375		
PRDM10	NM_020228_bp1296_R	AGCTAAAAGGCCCTGCTATGAATGTAACCTCTCTTGAAGGTTACATTCATAGCAGGGCCGG	Hs.275086	14023	-0.2285	0.3054099	0.148643777				-0.496325	1.15105378	0.304080539	0.6161	0.16832887	0.005265857	0.461075	0.27500261	0.049530018		
PRDM10	NM_020228_bp2950_R	AGCTAAAAGTCCCAGACCTTAACGACAGATCTCTTGAATCTGTCGTTAAGGTCTGGGACGGG	Hs.275086	3273	-0.666675	0.2844884	0.011039077				-0.396225	0.40703957	0.134871659	0.107775	0.80437246	0.806089008	-0.045175	0.51756273	0.872535159		
PRDM10	NM_020228_bp2950_R	AGCTAAAAGTCCCAGACCTTAACGACAGATCTCTTGAATCTGTCGTTAAGGTCTGGGACGGG	Hs.275086	8649	-0.558525	0.52425418	0.067654823				-0.353375	0.56215424	0.233440758	0.119975	0.73554624	0.765688861	0.027275	0.42684276	0.906393735		
PRDM10	NM_020228_bp2950_R	AGCTAAAAGTCCCAGACCTTAACGACAGATCTCTTGAATCTGTCGTTAAGGTCTGGGACGGG	Hs.275086	14025	-0.457075	0.11356751	0.021637363				-0.11965	0.5485921	0.665707587	0.151475	0.81390534	0.734469599	0.07215	0.42746005	0.757923415		
PRDM10	NM_020228_bp3499_R	AGCTAAAAGGCGGTTACTTCGGGTCATATTCTCTTGAATAATGACCCGAAGTAACCGCCGG	Hs.275086	3269	-0.878425	0.41235158	0.007817714				0.642225	0.22697144	0.01680051	0.69935	0.74399766	0.156698333	0.07245	0.54463528	0.807437937		
PRDM10	NM_020228_bp3499_R	AGCTAAAAGGCGGTTACTTCGGGTCATATTCTCTTGAATAATGACCCGAAGTAACCGCCGG	Hs.275086	8645	-0.7435	0.49369257	0.022344933				-0.02375	0.44681995	0.923984193	0.67485	0.85058428	0.21074665	0.145675	0.5560022	0.637044479		
PRDM10	NM_020228_bp3499_R	AGCTAAAAGGCGGTTACTTCGGGTCATATTCTCTTGAATAATGACCCGAAGTAACCGCCGG	Hs.275086	14021	-0.70935	0.29972282	0.009433066				0.348275	0.50720632	0.217528253	0.6825	0.83954121	0.202446129	0.1931	0.58582716	0.55682828		
PRDM11	NM_020229_bp1583_R	AGCTAAAAGCCCTAACTGTATTCGCCTAATCTCTTGAATTAGGCGAATACAGTTAGGGCCGG	Hs.178715	3227	-0.365566667	0.32214522	0.15993968				-0.455775	0.35128579	0.081161216	0.063225	0.39098263	0.767613583	-0.0292	0.21632976	0.804697484		
PRDM11	NM_020229_bp1583_R	AGCTAAAAGCCCTAACTGTATTCGCCTAATCTCTTGAATTAGGCGAATACAGTTAGGGCCGG	Hs.178715	8663	-0.271533333	0.21914288	0.224453177				-0.2252	0.2956555	0.319706723	0.04785	0.43168075	0.838787363	0.032625	0.18509207	0.747755421		
PRDM11	NM_020229_bp1583_R	AGCTAAAAGCCCTAACTGTATTCGCCTAATCTCTTGAATTAGGCGAATACAGTTAGGGCCGG	Hs.178715	13979	-0.095933333	0.21510361	0.637501037				-0.420125	0.2294319	0.076643374	0.084025	0.41120428	0.710198482	0.031675	0.20200299	0.774358598		
PRDM11	NM_020229_bp267_R	AGCTAAAAGCCAATTGCATCCCTGATGATTCTCTTGAAATCATCAGGGATGCAATTGGCCGG	Hs.178715	3229	-0.667125	0.29115668	0.011446095				-0.5137	0.62940808	0.120850202	0.0434	0.64758719	0.901860698	0.2366	0.10231399	0.109032004		
PRDM11	NM_020229_bp267_R	AGCTAAAAGCCAATTGCATCCCTGATGATTCTCTTGAAATCATCAGGGATGCAATTGGCCGG	Hs.178715	8665	-0.61775	0.24873743	0.012138832				-0.451625	0.50755804	0.124192574	0.100475	0.76194	0.809062999	0.348225	0.13115796	0.013041842		
PRDM11	NM_020229_bp267_R	AGCTAAAAGCCAATTGCATCCCTGATGATTCTCTTGAAATCATCAGGGATGCAATTGGCCGG	Hs.178715	13981	-0.652725	0.31734534	0.014494596				-0.491125	0.59616888	0.124853441	0.140925	0.77083694	0.73889328	0.3647	0.07305322	0.002138093		
PRDM11	NM_020229_bp727_R	AGCTAAAAGAGAGTGACGTGCGATGTGTATCTCTTGAATACACATCGCACGTCACTCTCGG	Hs.178715	3231	-0.15	0.28122196	0.499706689				0.028	2.23391932	0.973344716	0.1692	0.12130367	0.068436318	0.427625	0.72810017	0.3248931		
PRDM11	NM_020229_bp727_R	AGCTAAAAGAGAGTGACGTGCGATGTGTATCTCTTGAATACACATCGCACGTCACTCTCGG	Hs.178715	8667	-0.561033333	0.12332708	0.852302034				-0.1665	2.2387562	0.843081916	0.182575	0.08790603	0.025362171	0.53082	0.79338639	0.272240008		
PRDM11	NM_020229_bp727_R	AGCTAAAAGAGAGTGACGTGCGATGTGTATCTCTTGAATACACATCGCACGTCACTCTCGG	Hs.178715	13983	-0.297933333	0.20349057	0.184841388				0.028375	2.47838775	0.975535953	0.238075	0.15784014	0.056909801	0.54015	0.72893836	0.234944716		
PRDM2	NM_012619_bp2336_R	AGCTAAAAGTGCCACCAGCATCTTCACAAGTCTCTTGAACTTGTGTGTAGAAGATTGCTGG	Hs.495371	3283	-0.9445	0.17201666	0.001287283				-0.34275	0.36012743	0.16964286	-0.02315	0.53445146	0.936423116	0.06825	0.30575223	0.685376983		
PRDM2	NM_012619_bp2336_R	AGCTAAAAGTGCCACCAGCATCTTCACAAGTCTCTTGAACTTGTGTGTAGAAGATTGCTGG	Hs.495371	8659	-1.286	0.31069044	0.000752085				-0.377	0.75274181	0.282382572	0.096875	0.43008839	0.683409159	0.141725	0.26962554	0.370339779		
PRDM2	NM_012619_bp2336_R	AGCTAAAAGTGCCACCAGCATCTTCACAAGTCTCTTGAACTTGTGTGTAGAAGATTGCTGG	Hs.495371	14035	-1.231575	0.26247896	0.000660562				-0.24665	0.59770528	0.406244297	0.1042	0.47407682	0.689972839	0.1192	0.34831791	0.542835798		
PRDM2	NM_012619_bp601_R	AGCTAAAAGGCACCAGCATCTTCACAAGTCTCTTGAACTTGTGTGTAGAAGATTGCTGG	Hs.495371	3281	-0.6023	0.62931639	0.008370163				0.533125	0.49010239	0.076241463	0.069425	0.26578626	0.226693719	0.68325	0.53761664	0.084584204		
PRDM2	NM_012619_bp601_R	AGCTAAAAGGCACCAGCATCTTCACAAGTCTCTTGAACTTGTGTGTAGAAGATTGCTGG	Hs.495371	8655	-0.517075	0.74205275	0.161144634				0.677025	0.61149555	0.051523983	-0.077775	0.22010058	0.530694476	0.692025	0.64456537	0.121020318		
PRDM2	NM_012619_bp601_R	AGCTAAAAGGCACCAGCATCTTCACAAGTCTCTTGAACTTGTGTGTAGAAGATTGCTGG	Hs.495371	14031	-0.6266	0.46803709	0.037111014				0.77125	0.58547584	0.029776933	-0.085975	0.19661981	0.446199241	0.7457	0.60093577	0.089128187		
PRDM2	NM_012619_bp663_R	AGCTAAAAGTACGGAAACTCACACAAACACTCTCTTGAAGTGTTGTGTGAGTTTCCGTACGG	Hs.495371	3281	-0.6238	0.55804677	0.000194132				0.102725	0.63524841	0.732148477	0.0738	0.50141752	0.822597927	0.301766867	0.39324188	0.284528457		
PRDM2	NM_012619_bp663_R	AGCTAAAAGTACGGAAACTCACACAAACACTCTCTTGAAGTGTTGTGTGAGTTTCCGTACGG	Hs.495371	8657	-0.4429	0.33906735	0.061085845				0.1909	1.62184454	0.524692893	-0.081766667	0.32146932	0.702579745	0.129575	0.28150079	0.425152837		
PRDM2	NM_012619_bp663_R	AGCTAAAAGTACGGAAACTCACACAAACACTCTCTTGAAGTGTTGTGTGAGTTTCCGTACGG	Hs.495371	14033	-0.413525	0.55582951	0.159966152				0.224425	0.65656636	0.471592943	0.100275	0.19045628	0.369663286	0.413466667	0.2673449	0.115675004		
PRDM13	NM_021620_bp1770_R	AGCTAAAAGGAGCTCCATCTCCTACTTCAGTCTCTTGAACTGAAGTAGGAGATGGACTCCGG	Hs.287386	3313	-1.5243	0.23069546	0.000194144				-0.918325	0.49140259	0.010033846	0.2113	0.75132374	0.675029948	0.14955	0.60411292	0.65451792		
PRDM13	NM_021620_bp1770_R	AGCTAAAAGGAGCTCCATCTCCTACTTCAGTCTCTTGAACTGAAGTAGGAGATGGACTCCGG	Hs.287386	8689	-1.523	0.17815968	0.001096039				-0.79855	0.48977865	0.018059371	0.121675	0.59314219	0.709146847	0.123875	0.60116132	0.707930536		
PRDM13	NM_021620_bp1770_R	AGCTAAAAGGAGCTCCATCTCCTACTTCAGTCTCTTGAACTGAAGTAGGAGATGGACTCCGG	Hs.287386	14065	-1.359575	0.1224231	0.000178616				-0.849475	0.51849887	0.015705613	0.1309	0.61454825	0.698821353	0.173725	0.59882572	0.602479919		
PRDM13	NM_021620_bp609_R	AGCTAAAAGCTGACAGTGGTGATTCTCTTGAATTAGAATACCACACTGTCAGCGG	Hs.287386	3285	2.03005	1.14805356	0.006358913	1.3085	3.34404939	0.139054406	-2

PRDM5	NM_018699_bp1169_R	AGCTAAAAGCATCAAGCCTACAGGAACATTCTCTTGAAATGTTCCTGTAGGCTTGATGCCGG	Hs.112593	8613	0.638	0.47305579	0.035781				1.170125	1.15364074	0.037970626	0.19465	0.35985683	0.358534374	0.878425	0.60989047	0.063497956
PRDM5	NM_018699_bp1169_R	AGCTAAAAGCATCAAGCCTACAGGAACATTCTCTTGAAATGTTCCTGTAGGCTTGATGCCGG	Hs.112593	13989	0.6632	0.34205288	0.015703594				1.1526	0.91554898	0.019952673	0.179875	0.40543904	0.440269554	0.841575	0.64737412	0.080378259
PRDM5	NM_018699_bp1601_R	AGCTAAAAGTCCAGGTGGTTCATGAAAGATCTCTTGAATCTTTCATGAACCACCTGGACGG	Hs.112593	3233	0.4828	0.5274771	0.101878976				0.4084	0.30100717	0.09759925	-0.2801	0.62187561	0.434075974	0.461125	0.35364788	0.079834957
PRDM5	NM_018699_bp1601_R	AGCTAAAAGTCCAGGTGGTTCATGAAAGATCTCTTGAATCTTTCATGAACCACCTGGACGG	Hs.112593	8609	0.55115	0.37829464	0.036856602				0.4996	0.27137849	0.049091985	-0.183975	0.59344655	0.579152029	0.537025	0.44249397	0.093558577
PRDM5	NM_018699_bp1601_R	AGCTAAAAGTCCAGGTGGTTCATGAAAGATCTCTTGAATCTTTCATGAACCACCTGGACGG	Hs.112593	13985	0.53155	0.72776069	0.146574663				0.403775	0.28176403	0.096353739	-0.254	0.57990156	0.445508727	0.570225	0.34750927	0.046363585
PRDM5	NM_018699_bp357_R	AGCTAAAAGACCCCTTTGCTGGAGAGAAGATCTCTTGAATCTTCTCTCCAGCAAAGGGTCGG	Hs.112593	3235	-0.6272	0.03001067	0.019839263				0.536325	0.76339549	0.146996982	0.4041	0.38545197	0.126956397	0.6672	0.16624007	0.004037119
PRDM5	NM_018699_bp357_R	AGCTAAAAGACCCCTTTGCTGGAGAGAAGATCTCTTGAATCTTCTCTCCAGCAAAGGGTCGG	Hs.112593	8611	-0.6986	0.39872488	0.039760332				0.641025	0.71300646	0.082157315	0.446225	0.46709963	0.116013553	0.8424	0.20491917	0.003766301
PRDM5	NM_018699_bp357_R	AGCTAAAAGACCCCTTTGCTGGAGAGAAGATCTCTTGAATCTTCTCTCCAGCAAAGGGTCGG	Hs.112593	13987	-0.601933333	0.11708759	0.025472615				0.6076	0.73625318	0.101273675	0.4201	0.3873248	0.118540866	0.78405	0.15282715	0.001973769
PRDM6	NM_049619_bp2118_R	AGCTAAAAAGCAGCATCTCTGGGAGATATATCTCTGAATATATCTCCCAGAGATGCTGCGG	Hs.115118	3223	-0.029966667	0.49822968	0.91468766				0.8004	0.7227048	0.041616625	0.479775	0.68333386	0.254875594	0.471325	0.17814749	0.013169144
PRDM6	NM_049619_bp2118_R	AGCTAAAAAGCAGCATCTCTGGGAGATATATCTCTGAATATATCTCCCAGAGATGCTGCGG	Hs.115118	8599	0.0879	0.43676494	0.036787564				0.909325	0.76862826	0.030573292	0.462475	0.6728097	0.262893234	0.5064	0.2106624	0.01713327
PRDM6	NM_049619_bp2118_R	AGCTAAAAAGCAGCATCTCTGGGAGATATATCTCTGAATATATCTCCCAGAGATGCTGCGG	Hs.115118	13975	-0.0378	0.58030705	0.902364401				0.750825	0.68810899	0.04644683	0.480275	0.68053291	0.252943368	0.6159	0.23943065	0.013412683
PRDM6	NM_049619_bp2544_R	AGCTAAAAGCCCATTGAATCAGGATTTAATCTCTTGAATTAAATCCTGATTCAATTGGGCGG	Hs.115118	3221	-0.954	0.51794256	0.01024106				0.0772	1.03680159	0.855376052	0.4337	0.46177202	0.156940726	0.262875	0.57317775	0.426650901
PRDM6	NM_049619_bp2544_R	AGCTAAAAGCCCATTGAATCAGGATTTAATCTCTTGAATTAAATCCTGATTCAATGGGCGG	Hs.115118	8597	-1.01445	0.46199143	0.005795626				0.05885	1.04494479	0.890118237	0.403975	0.44805823	0.169132906	0.339225	0.5582223	0.311144587
PRDM6	NM_049619_bp2544_R	AGCTAAAAGCCCATTGAATCAGGATTTAATCTCTTGAATTAAATCCTGATTCAATGGGCGG	Hs.115118	13973	-0.9397	0.52086227	0.011045872				0.04745	1.13852403	0.917265963	0.453375	0.4870044	0.159530164	0.3602	0.61242522	0.324316066
PRDM6	NM_049619_bp2660_R	AGCTAAAAAGGCAGTGCTTTAAGACTTTCATCTCTTGAATGAAAGTCTTAAAGCACTGCCGG	Hs.115118	3225	0.088675	0.50640233	0.720988877				0.314825	1.10954105	0.490343431	1.399775	0.79929975	0.039409906	0.279075	0.48256703	0.3311634
PRDM6	XM_049619_bp2660_R	AGCTAAAAAGCAGTGCTTTAAGACTTTCATCTCTTGAATGAAAGTCTTAAAGCACTGCCGG	Hs.115118	8601	0.124275	0.59593588	0.657883011				0.304175	1.04991986	0.485911183	1.423425	0.69574394	0.026389008	0.35605	0.46706295	0.224753409
PRDM6	XM_049619_bp2660_R	AGCTAAAAAGCAGTGCTTTAAGACTTTCATCTCTTGAATGAAAGTCTTAAAGCACTGCCGG	Hs.115118	13977	0.15045	0.54115251	0.567457842				0.493925	1.38057743	0.375673917	1.401625	0.81552697	0.041315812	0.34485	0.51648397	0.274033815
PRDM7	NM_052996_bp2150_R	AGCTAAAAGACCTAAGCCTGGTAGTTAAATCTCTTGAATTTAACTACCAGGCTTAGGTCGG	Hs.406695	3333	-1.399275	0.55071649	0.002451247				0.048175	1.00525077	0.907115066	1.203225	1.0371453	0.103059416	0.527	0.72756333	0.243272442
PRDM7	NM_052996_bp2150_R	AGCTAAAAGACCTAAGCCTGGTAGTTAAATCTCTTGAATTTAACTACCAGGCTTAGGTCGG	Hs.406695	8709	-1.114075	1.04574327	0.046717833				0.2466	0.91447234	0.527399745	1.158175	0.97976841	0.099024119	0.54915	0.68558007	0.207477002
PRDM7	NM_052996_bp2150_R	AGCTAAAAGACCTAAGCCTGGTAGTTAAATCTCTTGAATTTAACTACCAGGCTTAGGTCGG	Hs.406695	14085	-1.30615	0.89978149	0.016851328				0.17625	0.76375797	0.604638438	1.055675	0.84578289	0.087807942	0.62245	0.83698883	0.233640988
PRDM7	NM_052996_bp460_R	AGCTAAAAGCCAACTGGATGAGAACCAAATCTCTTGAATTTGGTTCTCATCCAGTTGGCGG	Hs.406695	3331	-1.2366	0.23077124	0.000524465				-0.103125	0.73632911	0.754347397	0.48295	0.3204311	0.057013089	0.576225	0.4659618	0.08980357
PRDM7	NM_052996_bp460_R	AGCTAAAAGCCAACTGGATGAGAACCAAATCTCTTGAATTTGGTTCTCATCCAGTTGGCGG	Hs.406695	8707	-1.264925	0.30862127	0.000800466				0.110425	0.5721109	0.69629153	0.484075	0.3567114	0.072911582	0.6603	0.58648864	0.109905053
PRDM7	NM_052996_bp460_R	AGCTAAAAGCCAACTGGATGAGAACCAAATCTCTTGAATTTGGTTCTCATCCAGTTGGCGG	Hs.406695	14083	-1.420075	0.35405349	0.000640018				-0.35035	0.88513464	0.366377632	0.53525	0.37475584	0.064761159	0.644525	0.57841787	0.112144557
PRDM7	NM_052996_bp915_R	AGCTAAAAGTGGGCAAGGTTTCAGTGATATCTCTTGAATATCACTGAAACCTTGCCCACGG	Hs.406695	3335	1.653975	0.25748673	0.000157495				0.555075	0.7399552	0.128829847	1.4992	0.86293791	0.040210908	1.433475	0.27275588	0.001838906
PRDM7	NM_052996_bp915_R	AGCTAAAAGTGGGCAAGGTTTCAGTGATATCTCTTGAATATCACTGAAACCTTGCCCACGG	Hs.406695	8711	1.645375	0.17838427	9.60E-05				0.62715	0.74382944	0.09466848	1.474275	0.90034945	0.046604703	1.479725	0.28815264	0.001968242
PRDM7	NM_052996_bp915_R	AGCTAAAAGTGGGCAAGGTTTCAGTGATATCTCTTGAATATCACTGAAACCTTGCCCACGG	Hs.406695	14087	1.679175	0.19182795	9.45E-05				0.588575	0.62304178	0.082333052	1.547375	0.89566747	0.040780835	1.520625	0.27862679	0.001645938
PRDM8	NM_020226_bp1230_R	AGCTAAAAAGGGAAGAACTGACTGAGTTATCTCTTGAATAACTCAGTCAGTTCTTTCCCGG	Hs.373642	3321	-0.375425	0.34686927	0.099835826				-0.6236	0.3215805	0.025722879	0.0214	0.53023832	0.940749214	-0.0517667	0.20538604	0.705041953
PRDM8	NM_020226_bp1230_R	AGCTAAAAAGGGAAGAACTGACTGAGTTATCTCTTGAATAACTCAGTCAGTTCTTTCCCGG	Hs.373642	8697	-0.333575	0.50897332	0.215640578				-0.658466667	1.21300306	0.239483682	0.251266667	0.35264408	0.342495514	-0.1372	0.30429216	0.516592607
PRDM8	NM_020226_bp1230_R	AGCTAAAAGGGAAGAACTGACTGAGTTATCTCTTGAATAACTCAGTCAGTTCTTTCCCGG	Hs.373642	14073	-0.3421	0.35335013	0.128491569				-0.642675	0.25359349	0.018262549	0.0656	0.89293444	0.934094145	0.0764	0.39583127	0.769950351
PRDM8	NM_020226_bp937_R	AGCTAAAAGCGACATCCCTGAGAATGCTATCTCTTGAATAGCATTCTCAGGGATGTCGCGG	Hs.373642	3323	-0.42985	0.3925088	0.083468052				-0.4155	0.72614619	0.230733159	0.1117	0.19756159	0.340374061	0.0802	0.11491153	0.257124241
PRDM8	NM_020226_bp937_R	AGCTAAAAGCGACATCCCTGAGAATGCTATCTCTTGAATAGCATTCTCAGGGATGTCGCGG	Hs.373642	8699	-0.353525	0.45771625	0.167532439				-0.2877	0.32209625	0.224220411	0.236075	0.26536113	0.173244071	0.1254	0.20778025	0.313906961
PRDM8	NM_020226_bp937_R	AGCTAAAAGCGACATCCCTGAGAATGCTATCTCTTGAATAGCATTCTCAGGGATGTCGCGG	Hs.373642	14075	-0.17015	0.48004697	0.485769415				-0.324025	0.52035101	0.252746409	0.2055	0.17488634	0.100296897	0.263225	0.21866117	0.095221437
PRDM8	NM_020226_bp977_R	AGCTAAAAAGGCCATACTTCCCTATATGATCTCTTGAATCATATAGGGAAATTGTGGCTCGG	Hs.373642	3319	-0.192033333	0.49005154	0.505686092				0.341375	0.39492763	0.183102503	0.210625	0.38635171	0.353311871	0.728075	0.31592784	0.01920941
PRDM8	NM_020226_bp977_R	AGCTAAAAAGGCCATACTTCCCTATATGATCTCTTGAATCATATAGGGAAATTGTGGCTCGG	Hs.373642	8695	0.723275	0.22346331	0.005536941				0.285025	0.28687881	0.215811447	0.26575	0.31056452	0.185530928	0.655325	0.21886372	0.009323223
PRDM8	NM_020226_bp977_R	AGCTAAAAAGGCCATACTTCCCTATATGATCTCTTGAATCATATAGGGAAATTGTGGCTCGG	Hs.373642	14071	0.939575	0.32416562	0.003387288				0.522	0.42185769	0.065828468	0.3175	0.25850558	0.091439417	0.64825	0.36354773	0.037648785
PRDM9	NM_020227_bp1739_R	AGCTAAAAGCGGGGCTTTAGAGATAAGTTCTCTTGAAACTTATCTCTAAAGCCCCGCCGG	Hs.283096	3275	-0.068475	0.04221511	0.621757895				-0.138425	0.18116674	0.499524582	-0.450725	0.257107	0.039307203	0.5237	0.10598443	0.002203323
PRDM9	NM_020227_bp1739_R	AGCTAAAAGCGGGGCTTTAGAGATAAGTTCTCTTGAAACTTATCTCTAAAGCCCCGCCGG	Hs.283096	8651	-0.07705	0.0370537	0.579431784				-0.126275	0.18636884	0.534119286	-0.328375	0.21867575	0.057517284	0.615525	0.23912851	0.014206267
PRDM9	NM_020227_bp1739_R	AGCTAAAAGCGGGGCTTTAGAGATAAGTTCTCTTGAAACTTATCTCTAAAGCCCCGCCGG	Hs.283096	14027	-0.0551	1.06501959	0.693088258				-0.10385	0.22418508	0.616019112	-0.363275	0.17937946	0.027104899	0.643375	0.21528455	0.009373588
PRDM9	NM_020227_bp982_R	AGCTAAAAGGACAAGGTTTCAGTGTTAAATCTCTTGAATTTAACACTGAAACCTTGTCCGG	Hs.283096	3277	-0.1892	0.62282862	0.519590757				0.162375	0.85989097	0.66011892	0.6059	0.45892877	0.077622889	0.6799	0.39112338	0.040152413
PRDM9	NM_020227_bp982_R	AGCTAAAAGGACAAGGTTTCAGTGTTAAATCTCTTGAATTTAACACTGAAACCTTGTCCGG	Hs.283096	8653	-0.270225	0.29103548	0.175609318				-0.462675	0.65088545	0.162120052	0.537975	0.52398579	0.132331845	0.737475	0.36486214	0.027243563
PRDM9	NM_020227_bp982_R	AGCTAAAAGGACAAGGTTTCAGTGTTAAATCTCTTGAATTTAACACTGAAACCTTGTCCGG	Hs.283096	14029	-0.4675	0.37783246	0.061767445				-0.2606	0.67397734	0.291701514	0.6019	0.50000646	0.095224627	0.7924	0.33586078	0.018026518
PRICKLE1	AK122881_bp1122_R	AGCTAAAAGGGTCAGATTTACTGCTCAAATCTCTTGAATTTGAGCAGTAAATCTGACCCGG	Hs.524348	4130	1.0907375	0.17133909	0.000654481				-0.6307	0.24144069	0.018984885						
PRICKLE1	AK122881_bp1122_R	AGCTAAAAGGGTCAGATTTACTGCTCAAATCTCTTGAATTTGAGCAGTAAATCTGACCCGG	Hs.524348	9506	1.0825375	0.08639137	0.000456873				-0.580275	0.25752719	0.027631864						
PRICKLE1	AK122881_bp1122_R	AGCTAAAAGGGTCAGATTTACTGCTCAAATCTCTTGAATTTGAGCAGTAAATCTGACCCGG	Hs.524348	14882	1.0853375	0.07609178	0.00043657				-0.51825	0.32440545	0.050443719						
PRICKLE1	AK122881_bp1454_R	AGCTAAAAGGGCTGATCATGAAGATTATATCTCTTGAATATAATCTTCATGATCAGCCCGG	Hs.524348	4104	0.2591375	0.23467706	0.161696145				1.141675	0.62204288	0.006643339						
PRICKLE1	AK122881_bp1454_R	AGCTAAAAGGGCTGATCATGAAGATTATATCTCTTGAATATAATCTTCATGATCAGCCCGG	Hs.524348	9480	0.3433375	0.19089836	0.069116203				0.552175	0.17714885	0.02697372						
PRICKLE1	AK122881_bp1454_R	AGCTAAAAGGGCTGATCATGAAGATTATATCTCTTGAATATAATCTTCATGATCAGCCCGG	Hs.524348	14856	0.3517375	0.17938842	0.061708499				0.460525	0.35137835	0.078759551						
PRICKLE1	AK122881_bp612_R	AGCTAAAAGCAGTGTGGTTTGAAGATAAATCTCTTGAATTTATCTCTAAACCACACTGCGG	Hs.524348	4132	1.6701125	0.07508613	5.47E-05				0.54135	0.23718042	0.033779113						
PRICKLE1	AK122881_bp612_R	AGCTAAAAGCAGTGTGGTTTGAAGATAAATCTCTTGAATTTATCTCTAAACCACACTGCGG	Hs.524348	9508	1.6811625	0.23410889	0.00012395				0.65335	0.519053	0.042917419						
PRICKLE1	AK122881_bp612_R	AGCTAAAAGCAGTGTGGTTTGAAGATAAATCTCTTGAATTTATCTCTAAACCACACTGCGG	Hs.524348	14884	1.1491625	0.27077361	0.000963033				0.489475	0.22122	0.04626231						
PRKAA1	NM_006251_bp1159_R	AGCTAAAAGACCATACCCTTGATGAATTAATCTCTTGAATTAATTCATCAAGGGTATGGCGG	Hs.43322	481	-0.05655	0.94083275	0.889214665	0.8075	0.86526252	0.13287803									
PRKAA1	NM_006251_bp1159_R	AGCTAAAAGACCATACCCTTGATGAATTAATCTCTTGAATTAATTCATCAAGGGTATGGCGG	Hs.43322	5857	-0.24745	1.08246981	0.596514389	0.50066667	0.87477154	0.298599508									
PRKAA1	NM_006251_bp1159_R	AGCTAAAAGCCATACCCTTGATGAATTAATCTCTTGAATTAATTCATCAAGGGTATGGCGG	Hs.43322	11233	-0.28125	1.10238096	0.555447395	0.5739	0.81740438	0.229473794									
PRKAA1	NM_006251_bp327_R	AGCTAAAAGGAGGAGAGCTATTGATTATTCTCTTGAAATAAATCAAATAGCTCTCCTCCGG	Hs.43322	7149	-0.027825	0.59876668	0.920506286	-0.7237	2.72816142	0.584211829									
PRKAA1	NM_006251_bp327_R	AGCTAAAAGGAGGAGAGCTATTGATTATTCTCTTGAAATAAATCAAATAGCTCTCCTCCGG	Hs.43322	12525	-0.007525	0.68567122	0.980632948	-0.80933333	2.92034137	0.563786686									
PRKAA1	NM_006251_bp327_R	AGCTAAAAGGAGGAGAGCTATTGATTATTCTCTTGAAATAAATCAAATAGCTCTCCTCCGG	Hs.43322	1773	-0.179														
PRKAA1	NM_006251_bp636_R	AGCTAAAAGGGGTTATTCTCTATGCTTTATCTCTTGAATAAAGCATAGAGAATAACCCCGG	Hs.43322	482	0.823175	1.13341788	0.131329434	-0.2073	2.88095829	0.879229385									
PRKAA1	NM_006251_bp636_R	AGCTAAAAGGGGTTATTCTCTATGCTTTATCTCTTGAATAAAGCATAGAGAATAACCCCGG	Hs.43322	5858	1.3432	2.30677356	0.196161578	-1.762333333	4.45963014	0.424895564									
PRKAA1	NM_006251_bp636_R	AGCTAAAAGGGGTTATTCTCTATGCTTTATCTCTTGAATAAAGCATAGAGAATAACCCCGG	Hs.43322	11234	1.71785	2.87161171	0.184795429	-1.872366667	4.45322641	0.398821372									
PRKAA2	NM_006252_bp1126_R	AGCTAAAAGCCTGAAACCTCATCCAGAAATCTCTTGAATTTCTGGATGAGGTTTCAGGCGG	Hs.256067	483	-1.10235	1.00964819	0.043662208	-2.6125											
PRKAA2	NM_006252_bp1126_R	AGCTAAAAGCCTGAAACCTCATCCAGAAATCTCTTGAATTTCTGGATGAGGTTTCAGGCGG	Hs.256067	5859	-2.1183	2.90072852	0.119287982	-5.8688	0.82759778	0.002240168									
PRKAA2	NM_006252_bp1126_R	AGCTAAAAGCCTGAAACCTCATCCAGAAATCTCTTGAATTTCTGGATGAGGTTTCAGGCGG	Hs.256067	11235	-2.31165	3.21349756	0.123310988	-6.36945	0.68299444	0.001340946									
PRKAA2	NM_006252_bp156_R	AGCTAAAAGGCCATAAAGTGGCAGTTAAATCTCTTGAATTTAACTGCCACTTTATGGCCGG	Hs.256067	484	0.420216667	1.0470231	0.410678241	0.7861											
PRKAA2	NM_006252_bp156_R	AGCTAAAAGGCCATAAAGTGGCAGTTAAATCTCTTGAATTTAACTGCCACTTTATGGCCGG	Hs.256067	5860	1.16725	1.57557765	0.11959259	0.981	1.64065339	0.262685793									
PRKAA2	NM_006252_bp156_R	AGCTAAAAGGCCATAAAGTGGCAGTTAAATCTCTTGAATTTAACTGCCACTTTATGGCCGG	Hs.256067	11236	1.398	1.50281165	0.065536847	0.803	1.87289654	0.397813416									
PRKAA2	NM_006252_bp1671_R	AGCTAAAAGCCAGTCTGATTACTACTTTATCTCTTGAATAAAGTAGTAATCAGACTGGCGG	Hs.256067	485	-0.6975	1.01671096	0.152555862	-2.013333333	2.52065348	0.155038138									
PRKAA2	NM_006252_bp1671_R	AGCTAAAAGCCAGTCTGATTACTACTTTATCTCTTGAATAAAGTAGTAATCAGACTGGCGG	Hs.256067	5861	-0.620475	1.04927079	0.204713364	-1.012366667	1.61201668	0.243992804									
PRKAA2	NM_006252_bp1671_R	AGCTAAAAGCCAGTCTGATTACTACTTTATCTCTTGAATAAAGTAGTAATCAGACTGGCGG	Hs.256067	11237	-0.533375	1.05144802	0.266401772	-0.877766667	1.403822	0.248985507									
PRKACA	NM_002730_bp400_R	AGCTAAAAGGAACCACTATGCCATGAAGATCTCTTGAATCTTCATGGCATAGTGGTTCCGG	Hs.194350	12535	9.3021				3.584225	7.59132163	0.383534662								
PRKACA	NM_002730_bp400_R	AGCTAAAAGGAACCACTATGCCATGAAGATCTCTTGAATCTTCATGGCATAGTGGTTCCGG	Hs.194350	1783					7.2017										
PRKACA	NM_002730_bp400_R	AGCTAAAAGGAACCACTATGCCATGAAGATCTCTTGAATCTTCATGGCATAGTGGTTCCGG	Hs.194350	7159					3.000525	6.64789976	0.401926592								
PRKACA	NM_002730_bp579_R	AGCTAAAAGGGGAGATGTTCTCACACCTATCTCTTGAATAGGTGTGAGAACATCTCCCCGG		7161															
PRKACA	NM_002730_bp579_R	AGCTAAAAGGGGAGATGTTCTCACACCTATCTCTTGAATAGGTGTGAGAACATCTCCCCGG		1785															
PRKACA	NM_002730_bp579_R	AGCTAAAAGGGGAGATGTTCTCACACCTATCTCTTGAATAGGTGTGAGAACATCTCCCCGG		12537															
PRKACA	NM_002730_bp870_R	AGCTAAAAGCCCTCGGGGGTCTTATCTATTCTCTTGAAATAGATAAGAACCCCCAGGGCGG	Hs.194350	7163															
PRKACA	NM_002730_bp870_R	AGCTAAAAGCCCTCGGGGGTCTTATCTATTCTCTTGAAATAGATAAGAACCCCCAGGGCGG	Hs.194350	12539															
PRKACA	NM_002730_bp870_R	AGCTAAAAGCCCTCGGGGGTCTTATCTATTCTCTTGAAATAGATAAGAACCCCCAGGGCGG	Hs.194350	1787															
PRKACB	NM_182948_bp173_R	AGCTAAAAGCCGGTTATTTCATAGACACTTCTCTTGAAAGTGTCTATGAAATAACCGGCGG	Hs.487325	1940	-0.86425	0.41148017	0.008309954	-0.30295	0.47912288	0.258551624									
PRKACB	NM_182948_bp173_R	AGCTAAAAGCCGGTTATTTCATAGACACTTCTCTTGAAAGTGTCTATGAAATAACCGGCGG	Hs.487325	7316	-0.64775	0.48760759	0.036412463	-0.2664	0.34565712	0.228542031									
PRKACB	NM_182948_bp173_R	AGCTAAAAGCCGGTTATTTCATAGACACTTCTCTTGAAAGTGTCTATGAAATAACCGGCGG	Hs.487325	12692	-0.26745	0.41276315	0.249522208	-0.0504	0.10668171	0.728133578									
PRKACB	NM_182948_bp445_R	AGCTAAAAGCCATGAAGATCTTAGATAAGTCTCTTGAACTTATCTAAGATCTTCATGGCGG	Hs.487325	794	0.27295	0.21114825	0.134203763	0.2853	0.09008008	0.093003565									
PRKACB	NM_182948_bp445_R	AGCTAAAAGCCATGAAGATCTTAGATAAGTCTCTTGAACTTATCTAAGATCTTCATGGCGG	Hs.487325	6170	0.416775	0.30942493	0.064145347	0.5183	0.50455882	0.092348821									
PRKACB	NM_182948_bp445_R	AGCTAAAAGCCATGAAGATCTTAGATAAGTCTCTTGAACTTATCTAAGATCTTCATGGCGG	Hs.487325	11546	0.8004	0.60239992	0.012836343	0.772225	0.05625693	0.002849297									
PRKACB	NM_182948_bp472_R	AGCTAAAAGTTGTTAAACTGAAGCAAATATCTCTTGAATATTTGCTTCAGTTTAACAACGG	Hs.487325	795	-0.1362	0.51553101	0.591263777	-0.3445	0.13675445	0.282227797									
PRKACB	NM_182948_bp472_R	AGCTAAAAGTTGTTAAACTGAAGCAAATATCTCTTGAATATTTGCTTCAGTTTAACAACGG	Hs.487325	6171	0.405825	0.42794785	0.110939557	-0.016525	0.20581817	0.919167915									
PRKACB	NM_182948_bp472_R	AGCTAAAAGTTGTTAAACTGAAGCAAATATCTCTTGAATATTTGCTTCAGTTTAACAACGG	Hs.487325	11547	0.436425	0.34319147	0.06497363	-0.06455	0.24357416	0.710045178									
PRKACG	NM_002732_bp1005_R	AGCTAAAAGCTCCCGGATCTCCATCAATGATCTTGAATCATTGATGGGATCCGGAGCGGG	Hs.158029	7165	0.3912			-2.976925	3.94809536	0.211553637									
PRKACG	NM_002732_bp1005_R	AGCTAAAAGCTCCGGATCTCCATCAATGATCTTGAATCATTGATGGGATCCGGAGCGGG	Hs.158029	1789				-0.2802											
PRKACG	NM_002732_bp1005_R	AGCTAAAAGCTCCGGATCTCCATCAATGATCTTGAATCATTGATGGGATCCGGAGCGGG	Hs.158029	12541				-0.1666											
PRKACG	NM_002732_bp259_R	AGCTAAAAAGAGCACATACTGAACGAGAAGTCTCTTGAACTTCTCGTTCAGTATGTGCTCGG	Hs.158029	1791	-0.54195	1.63051753	0.497509121	0.6043											
PRKACG	NM_002732_bp259_R	AGCTAAAAAGAGCACATACTGAACGAGAAGTCTCTTGAACTTCTCGTTCAGTATGTGCTCGG	Hs.158029	7167	-0.5126	1.60656661	0.514180087	1.359675	0.93567905	0.083432982									
PRKACG	NM_002732_bp259_R	AGCTAAAAAGAGCACATACTGAACGAGAAGTCTCTTGAACTTCTCGTTCAGTATGTGCTCGG	Hs.158029	12543	-0.4615	1.64854875	0.562564068	1.289475	0.72156712	0.064219597									
PRKCA	NM_002737_bp1543_R	AGCTAAAAGCCCCCAGAGATAATCGCTTATTCTCTTGAAATAAGCGATTATCTCTGGGGCGG	Hs.531704	219	-0.6316	0.0927633	0.020854793	-0.2853875	0.15533671	0.110318004									
PRKCA	NM_002737_bp1543_R	AGCTAAAAGCCCCCAGAGATAATCGCTTATTCTCTTGAAATAAGCGATTATCTCTGGGGCGG	Hs.531704	5595	-0.63	0.04970996	0.019850852	-0.2599625	0.10012077	0.119302238									
PRKCA	NM_002737_bp1543_R	AGCTAAAAGCCCCCAGAGATAATCGCTTATTCTCTTGAAATAAGCGATTATCTCTGGGGCGG	Hs.531704	10971	-0.609266667	0.06271661	0.022433415	-0.2178375	0.19716546	0.21775751									
PRKCA	NM_002737_bp1600_R	AGCTAAAAGGCGTCCTGTTGTATGAAATGTCTCTTGAACATTTCATACAACAGGACGCCGG	Hs.531704	1795				-0.55005											
PRKCA	NM_002737_bp1600_R	AGCTAAAAGGCGTCCTGTTGTATGAAATGTCTCTTGAACATTTCATACAACAGGACGCCGG	Hs.531704	7171				-0.42705											
PRKCA	NM_002737_bp1600_R	AGCTAAAAGGCGTCCTGTTGTATGAAATGTCTCTTGAACATTTCATACAACAGGACGCCGG	Hs.531704	12547				-0.50955											
PRKCA	NM_002737_bp761_R	AGCTAAAAGGGACTGGGATCGAACAACAATCTCTTGAATTGTTGTTCGATCCCAGTTCCCGG	Hs.531704	1797	0.824825	0.35839705	0.007296509	-0.1872875	0.77237588	0.608750551									
PRKCA	NM_002737_bp761_R	AGCTAAAAGGGACTGGGATCGAACAACAATCTCTTGAATTGTTGTTCGATCCCAGTTCCCGG	Hs.531704	7173	0.805875	0.31363158	0.006090886	-0.194875	0.76085446	0.590541591									
PRKCA	NM_002737_bp761_R	AGCTAAAAGGGACTGGGATCGAACAACAATCTCTTGAATTGTTGTTCGATCCCAGTTCCCGG	Hs.531704	12549	0.69185	0.33029444	0.012472359	-0.1766875	0.74521913	0.618299014									
PRKCB1	NM_002738_bp1661_R	AGCTAAAAGCCCCCCGAGATAATTGCTTATTCTCTTGAAATAAGCAATTATCTCGGGGGCGG	Hs.460355	220	0.6822			-0.3687125	0.40471775	0.14550328									
PRKCB1	NM_002738_bp1661_R	AGCTAAAAGCCCCCCGAGATAATTGCTTATTCTCTTGAAATAAGCAATTATCTCGGGGGCGG	Hs.460355

PRKCH	NM_006255_bp1026_R	AGCTAAAAGCTGCCATCATCTAATTGTTATCTCTTGAATAACAATTAGATGGACGGCGG	Hs.333907	11240	-0.677725	0.74933719	0.085590186	-0.369166667	0.14496987	0.120199691							
PRKCH	NM_006255_bp1783_R	AGCTAAAAAGGCTCTCATGTTCCTCCATGATCTCTTGAATCATGGAGGAACATGAGAGCCGG	Hs.333907	5865	3.458833333	1.0545579	0.050911139	1.685533333	1.8701245	0.123309903							
PRKCH	NM_006255_bp1783_R	AGCTAAAAAGGCTCTCATGTTCCTCCATGATCTCTTGAATCATGGAGGAACATGAGAGCCGG	Hs.333907	11241	1.221266667	0.79379231	0.028247576	1.125466667	1.55214323	0.192409431							
PRKCH	NM_006255_bp770_R	AGCTAAAAAGGGAAAGTATTCGTGGTAATATCTCTTGAATATTACCACGAATACTTTCCCGG	Hs.333907	1801	3.0422	1.02572477	0.00246167	0.818	4.97752576	0.729053255							
PRKCH	NM_006255_bp770_R	AGCTAAAAAGGGAAAGTATTCGTGGTAATATCTCTTGAATATTACCACGAATACTTTCCCGG	Hs.333907	7177	5.871166667	4.97896843	0.044600931	1.248366667	6.01736022	0.663385048							
PRKCH	NM_006255_bp770_R	AGCTAAAAAGGGAAAGTATTCGTGGTAATATCTCTTGAATATTACCACGAATACTTTCCCGG	Hs.333907	12553	4.4417	2.91936566	0.020726272	0.931566667	5.76204719	0.733008808							
PRKCI	NM_002740_bp1183_R	AGCTAAAAAGGCTGCATTCTTGCTTTCAGATCTCTTGAATCTGAAAGCAAGAATGCAGCCGG	Hs.478199	224	0.4272			0.1274625	0.44390106	0.594179285							
PRKCI	NM_002740_bp1183_R	AGCTAAAAAGGCTGCATTCTTGCTTTCAGATCTCTTGAATCTGAAAGCAAGAATGCAGCCGG	Hs.478199	5600	0.2943			0.1554125	0.75017702	0.661869435							
PRKCI	NM_002740_bp1183_R	AGCTAAAAAGGCTGCATTCTTGCTTTCAGATCTCTTGAATCTGAAAGCAAGAATGCAGCCGG	Hs.478199	10976	0.964	0.87766094	0.109327766	0.1852375	0.68187313	0.575235649							
PRKCI	NM_002740_bp1242_R	AGCTAAAAAGGAGAGACCTAATGTTTCATTTCTCTTGAAATGAAACATTAGGTCTCCTCCGG	Hs.478199	225	-0.022875	0.17914933	0.882178954	-0.0441375	0.18155215	0.779995527							
PRKCI	NM_002740_bp1242_R	AGCTAAAAAGGAGAGACCTAATGTTTCATTTCTCTTGAAATGAAACATTAGGTCTCCTCCGG	Hs.478199	5601	0.0299	0.14464819	0.840304429	-0.0162125	0.1549455	0.915046202							
PRKCI	NM_002740_bp1242_R	AGCTAAAAAGGAGAGACCTAATGTTTCATTTCTCTTGAAATGAAACATTAGGTCTCCTCCGG	Hs.478199	10977	0.076175	0.25744882	0.660254538	-0.0697625	0.18507525	0.662579094							
PRKCI	NM_002740_bp1344_R	AGCTAAAAAGGCGAGGGATAATTTATAGATCTCTTGAATCTATAAAATTATCCCTCGCTCGG	Hs.478199	226	-0.38965	0.3341397	0.088495311	-0.4254125	0.28493181	0.063605232							
PRKCI	NM_002740_bp1344_R	AGCTAAAAAGGCGAGGGATAATTTATAGATCTCTTGAATCTATAAAATTATCCCTCGCTCGG	Hs.478199	5602	-0.34465	0.30388561	0.105420934	-0.4087625	0.25551195	0.062526199							
PRKCI	NM_002740_bp1344_R	AGCTAAAAAGGCGAGGGATAATTTATAGATCTCTTGAATCTATAAAATTATCCCTCGCTCGG	Hs.478199	10978	-0.3153	0.27266656	0.117234834	-0.3371125	0.2359178	0.09673543							
PRKCQ	NM_006257_bp358_R	AGCTAAAAAGGCCGAATGCTAATGAATGCATCTCTTGAATGCATTCATTAGCATTCGGCCGG	Hs.498570	1805	-0.7761	0.98048891	0.147220734	-1.8974	2.12782605	0.124897747							
PRKCQ	NM_006257_bp358_R	AGCTAAAAAGGCCGAATGCTAATGAATGCATCTCTTGAATGCATTCATTAGCATTCGGCCGG	Hs.498570	7181	-1.152033333	1.10288499	0.073834193	-2.335866667	2.71865702	0.133290665							
PRKCQ	NM_006257_bp358_R	AGCTAAAAAGGCCGAATGCTAATGAATGCATCTCTTGAATGCATTCATTAGCATTCGGCCGG	Hs.498570	12557	-1.831833333	2.0898588	0.102081854	-1.927933333	3.11258356	0.241491595							
PRKCQ	NM_006257_bp815_R	AGCTAAAAAGGCATGAATGTGCATCATATCTCTTGAATATGATGCACATTCATGCCACGG	Hs.498570	5868	4.34295	2.34837149	0.0109624	1.0504	6.02303714	0.728396992							
PRKCQ	NM_006257_bp815_R	AGCTAAAAAGGCATGAATGTGCATCATATCTCTTGAATATGATGCACATTCATGCCACGG	Hs.498570	11244	4.795783333	2.82541534	0.014459889	0.9836	6.37074926	0.757816794							
PRKCQ	NM_006257_bp815_R	AGCTAAAAAGGCATGAATGTGCATCATATCTCTTGAATATGATGCACATTCATGCCACGG	Hs.498570	492	2.0095			-0.56185	1.65851896	0.533436058							
PRKCQ	NM_006257_bp852_R	AGCTAAAAAGGCCAACCTTTGTGGCATAAATCTCTTGAATTTATGCCACAAAGGTTGGCCGG	Hs.498570	1807	3.1663	4.18910911	0.138298303	-1.1375									
PRKCQ	NM_006257_bp852_R	AGCTAAAAAGGCCAACCTTTGTGGCATAAATCTCTTGAATTTATGCCACAAAGGTTGGCCGG	Hs.498570	7183	3.137633333	4.17478009	0.139995242	-2.1272	4.77572567	0.374257313							
PRKCQ	NM_006257_bp852_R	AGCTAAAAAGGCCAACCTTTGTGGCATAAATCTCTTGAATTTATGCCACAAAGGTTGGCCGG	Hs.498570	12559	2.590433333	3.89332652	0.179406609	-2.550233333	5.29066053	0.340737239							
PRKCZ	NM_002744_bp1008_R	AGCTAAAAAGGACCTGATGTTCCACATGCATCTCTTGAATGCATGTGGAACATCAGGTCCGG	Hs.496255	243	-0.08345	0.17689804	0.593012977	0.5522125	0.52335927	0.083935788							
PRKCZ	NM_002744_bp1008_R	AGCTAAAAAGGACCTGATGTTCCACATGCATCTCTTGAATGCATGTGGAACATCAGGTCCGG	Hs.496255	5619	-0.06725	0.09950995	0.639281027	0.5976625	0.52628745	0.068521555							
PRKCZ	NM_002744_bp1008_R	AGCTAAAAAGGACCTGATGTTCCACATGCATCTCTTGAATGCATGTGGAACATCAGGTCCGG	Hs.496255	10995	0.017575	0.14763634	0.905889261	0.5806625	0.50075277	0.067158797							
PRKCZ	NM_002744_bp744_R	AGCTAAAAAGCTGCAGGACTTTGACCTAATTTCTCTTGAAATTAGGTCAAAGTCCTGCAGCGG	Hs.496255	244	-0.719	0.24949067	0.00661357	-0.4025875	0.1391888	0.040242351							
PRKCZ	NM_002744_bp744_R	AGCTAAAAAGCTGCAGGACTTTGACCTAATTTCTCTTGAAATTAGGTCAAAGTCCTGCAGCGG	Hs.496255	5620	-0.58395	0.14701722	0.00899256	-0.3239375	0.15107654	0.078848114							
PRKCZ	NM_002744_bp744_R	AGCTAAAAAGCTGCAGGACTTTGACCTAATTTCTCTTGAAATTAGGTCAAAGTCCTGCAGCGG	Hs.496255	10996	-0.575825	0.17688447	0.010936065	-0.3172375	0.1348	0.079180305							
PRKCZ	NM_002744_bp835_R	AGCTAAAAAGCCATGAAAGTGGTGAAGAAATCTCTTGAATTTCTTCACCACTTTCATGGCCGG	Hs.496255	245	-0.59185	0.44765035	0.040699012	-0.0881125	0.17533094	0.579241							
PRKCZ	NM_002744_bp835_R	AGCTAAAAAGCCATGAAAGTGGTGAAGAAATCTCTTGAATTTCTTCACCACTTTCATGGCCGG	Hs.496255	5621	-0.533275	0.42392813	0.050866957	-0.0030125	0.18707674	0.984833232							
PRKCZ	NM_002744_bp835_R	AGCTAAAAAGCCATGAAAGTGGTGAAGAAATCTCTTGAATTTCTTCACCACTTTCATGGCCGG	Hs.496255	10997	-0.567275	0.34067537	0.027577062	0.0075625	0.19998245	0.962627377							
PRKD1	NM_002742_bp1042_R	AGCTAAAAAGCCGCACACATTTTGTCATCCATCTCTTGAATGGATGACAAATGTGTGCGGCGG	Hs.508999	7205	-0.8947			-0.844183333	0.45869899	0.039026132							
PRKD1	NM_002742_bp1042_R	AGCTAAAAAGCCGCACACATTTTGTCATCCATCTCTTGAATGGATGACAAATGTGTGCGGCGG	Hs.508999	12581				-1.3379	0.74967461	0.062576234							
PRKD1	NM_002742_bp1042_R	AGCTAAAAAGCCGCACACATTTTGTCATCCATCTCTTGAATGGATGACAAATGTGTGCGGCGG	Hs.508999	1829													
PRKD1	NM_002742_bp1692_R	AGCTAAAAAGGGCCAATCCTCATTGTTTCGTTCTTTGAACGAAACAATGAGGATTGGCCCGG	Hs.508999	241	-0.5681	0.05035802	0.027653921	-0.5255625	0.2470841	0.02761959							
PRKD1	NM_002742_bp1692_R	AGCTAAAAAGGGCCAATCCTCATTGTTTCGTTCTTTGAACGAAACAATGAGGATTGGCCCGG	Hs.508999	5617	-0.840466667	0.20895515	0.010840568	-0.4908125	0.35563002	0.058138882							
PRKD1	NM_002742_bp1692_R	AGCTAAAAAGGGCCAATCCTCATTGTTTCGTTCTTTGAACGAAACAATGAGGATTGGCCCGG	Hs.508999	10993	-0.76735	0.30718004	0.007169741	-0.4882375	0.26716664	0.038765332							
PRKD1	NM_002742_bp741_R	AGCTAAAAAGGCTGGTACGTCAAGGTCTTATCTCTTGAATAAGACCTTGACGTACCAGCCGG	Hs.508999	242	0.294	0.67183066	0.410816657	0.0861375	0.22902802	0.614533266							
PRKD1	NM_002742_bp741_R	AGCTAAAAAGGCTGGTACGTCAAGGTCTTATCTCTTGAATAAGACCTTGACGTACCAGCCGG	Hs.508999	5618	0.000675	0.72546589	0.998340737	0.0076125	0.22769904	0.963878489							
PRKD1	NM_002742_bp741_R	AGCTAAAAAGGCTGGTACGTCAAGGTCTTATCTCTTGAATAAGACCTTGACGTACCAGCCGG	Hs.508999	10994	0.087025	0.64420425	0.768986	0.0816375	0.26638942	0.651218212							
PRKD3	NM_005813_bp2089_R	AGCTAAAAAGCCACTGGAGTTGGACTTGATTCTCTTGAAATCAAGTCCAACTCCAGTGGCGGG	Hs.173536	437	-0.063825	0.33648049	0.742031403	0.6892	0.25011443	0.032868717							
PRKD3	NM_005813_bp2089_R	AGCTAAAAAGCCACTGGAGTTGGACTTGATTCTCTTGAAATCAAGTCCAACTCCAGTGGCGGG	Hs.173536	5813	-0.658525	0.99142763	0.164349398	0.574933333	0.27840981	0.058928097							
PRKD3	NM_005813_bp2089_R	AGCTAAAAAGCCACTGGAGTTGGACTTGATTCTCTTGAAATCAAGTCCAACTCCAGTGGCGGG	Hs.173536	11189	-0.985275	0.82105812	0.034701521	0.740266667	0.44205087	0.052554774							
PRKD3	NM_005813_bp784_R	AGCTAAAAAGCCCAGGAACTGTCTTTATCTTCTCTTGAAAGATAAAGACAGTTCCTGGGCGG	Hs.173536	438	-1.666275	1.94158764	0.080209045	-0.848666667	1.91025742	0.382464682							
PRKD3	NM_005813_bp784_R	AGCTAAAAAGCCCAGGAACTGTCTTTATCTTCTCTTGAAAGATAAAGACAGTTCCTGGGCGG	Hs.173536	5814	-2.593725	1.109738	0.084646766	-2.448233333	3.49270291	0.195795011							
PRKD3	NM_005813_bp784_R	AGCTAAAAAGCCCAGGAACTGTCTTTATCTTCTCTTGAAAGATAAAGACAGTTCCTGGGCGG	Hs.173536	11190	-1.938025	2.46513895	0.099868871	-0.809233333	2.46227611	0.503876532							
PRKDC	NM_006904_bp11556_R	AGCTAAAAAGCACCGCCGTGTGAATATAATCTCTTGAATTATATTCACCGGCGGTGCCGG	Hs.491682	1047	2.673025	0.74340707	0.000368902								-0.3616125	0.38414231	0.158439981
PRKDC	NM_006904_bp11556_R	AGCTAAAAAGCACCGCCGTGTGAATATAATCTCTTGAATTATATTCACCGGCGGTGCCGG	Hs.491682	6423	2.7196875	0.72260994	0.000330975								-0.3655125	0.40405483	0.161266075
PRKDC	NM_006904_bp11556_R	AGCTAAAAAGCACCGCCGTGTGAATATAATCTCTTGAATTATATTCACCGGCGGTGCCGG	Hs.491682	11799	2.7405875	0.72104107	0.000290618								-0.3512375	0.27003928	0.134808899
PRKDC	NM_006904_bp12130_R	AGCTAAAAAGGGTCATGGATTCAAGAAATATCTTTGAATATTTCTTGATGAATTGTCCCTGCGG	Hs.491682	1962	0.5007625	0.36110417	0.044325871								0.4470125	0.80674671	0.230516817
PRKDC	NM_006904_bp12130_R	AGCTAAAAAGGGTCATGGATTCAAGAAATATCTTTGAATATTTCTTGATGAATTGTCCCTGCGG	Hs.491682	7338	0.5222875	0.33079992	0.034813687								0.4382125	0.65085734	0.181973324
PRKDC	NM_006904_bp12130_R	AGCTAAAAAGGGTCATGGATTCAAGAAATATCTTTGAATATTTCTTGATGAATTGTCCCTGCGG	Hs.491682	12714	0.6469375	0.46880799	0.033461106								0.4844625	0.75280806	0.179819702
PRKDC	NM_006904_bp4438_R	AGCTAAAAAGCTGGGCTTCTGCATAATATATCTCTTGAATATATTATGCAGAAGCCCAGCGG	Hs.491682	1046	-0.0897625	0.26800576	0.611255668								0.2110875	0.18692468	0.31252338
PRKDC	NM_006904_bp4438_R	AGCTAAAAAGCTGGGCTTCTGCATAATATATCTCTTGAATATATTATGCAGAAGCCCAGCGG	Hs.491682	6422	-0.0219625	0.26934889	0.899918591								0.2838125	0.21361923	0.195359228
PRKDC	NM_006904_bp4438_R	AGCTAAAAAGCTGGGCTTCTGCATAATATATCTCTTGAATATATTATGCAGAAGCCCAGCGG	Hs.491682	11798	-0.0501625	0.26664055	0.773849339								0.2812875	0.17617883	0.189497762
PRKDC	NM_006258_bp1083_R	AGCTAAAAAGGCTGGATGATGTTTCTAATATCTCTTGAATATTAGAAACATCATCCAGCCGG	Hs.2689	1809	-0.705	0.65764727	0.089016027	-0.34305	0.38897944	0.351076528							
PRKDC	NM_006258_bp1083_R	AGCTAAAAAGGCTGGATGATGTTTCTAATATCTCTTGAATATTAGAAACATCATCCAGCCGG	Hs.2689	7185	-0.54855	0.47984266	0.170728491										
PRKDC	NM_006258_bp1345_R	AGCTAAAAAGGGGGCTCATTCCGATTTCATTTCTCTTGAATTGAAATCCGAATGAGCCCCCGG	Hs.2689	505	-0.2329	1.75555469	0.749744709	-0.7839	2.4455582	0.513826979							
PRKDC	NM_006258_bp1345_R	AGCTAAAAAGGGGGCTCATTCCGATTTCATTTCTCTTGAATTGAAATCCGAATGAGCCCCCGG	Hs.2689	5881	0.160475	1.06646578	-0.72557526	-1.250733333	2.48492465	0.326561113							
PRKDC	NM_006258_bp1345_R	AGCTAAAAAGGGGGCTCATTCCGATTTCATTTCTCTTGAATTGAAATCCGAATGAGCCCCCGG	Hs.2689	11257	0.109775	0.98339215	0.795512058	-1.1797	2.86746835	0.410202891							
PRKDC	NM_006258_bp1887_R	AGCTAAAAAGCAGGGACAATCCATCAGAAATCTCTTGAATTTCTGATGGATTGTCCCTGCGG	Hs.2689	506	0.908895	1.02957548	0.081832119	1.044866667	0.90792424	0.081543869							
PRKDC	NM_006258_bp1887_R	AGCTAAAAAGCAGGGACAATCCATCAGAAATCTCTTGAATTTCTGATGGATTGTCCCTGCGG	Hs.2689	5882	0.899125	1.0874082	0.096217933	1.353933333	0.98704199	0.050709454							
PRKDC	NM_006258_bp1887_R	AGCTAAAAAGCAGGGACAATCCATCAGAAATCTCTTGAATTTCTGATGGATTGTCCCTGCGG	Hs.2689	11258	1.24175	1.30342066	0.062503215	0.298733333	0.94948905	0.545947114							
PRKDG2	NM_006259_bp1532_R	AGCTAAAAAGGAGCTGTGCTCTCCATTCATTCTCTTGAATGAATGGAGAGACACAGCTCCGG	Hs.303719	1811	1.239925	1.84889466	0.148417304	-2.1155	3.61746244	0.062565614							
PRKDG2	NM_006259_bp1532_R	AGCTAAAAAGGAGCTGTGCTCTCCATTCATTCTCTTGAATGAATGGAGAGACACAGCTCCGG	Hs.303719	7187	2.5594	3.48036055	0.116716754	-4.202366667	2.75348444	0.03190034							
PRKDG2	NM_006259_bp1532_R	AGCTAAAAAGGAGCTGTGCTCTCCATTCATTCTCTTGAATGAATGGAGAGACACAGCTCCGG	Hs.303719	12563	2.54435	3.87545289	0.151329814	-4.145166667	2.73792951	0.032647121							
PRKDG2	NM_006259_bp2180_R	AGCTAAAAAGCCTTTCCATCACCTTTGCATCTCTTGAATGCAAAGGTGATGGAAGGCTCGG	Hs.303719	1813	0.644625	1.34281835	0.282077348	-1.34	3.79208802	0.471811277							
PRKDG2	NM_006259_bp2180_R	AGCTAAAAAGCCTTTCCATCACCTTTGCATCTCTTGAATGCAAAGGTGATGGAAGGCTCGG	Hs.303719	7189	0.387175	1.01605434	0.392092097	-1.840633333	3.57054336	0.314087495							
PRKDG2	NM_006259_bp2180_R	AGCTAAAAAGCCTTTCCATCACCTTTGCATCTCTTGAATGCAAAGGTGATGGAAGGCTCGG	Hs.303719	12565	0.494725	2.35532119	0.6137074	-1.818866667	3.52561173	0.313831646							
PRKDG2	NM_006259_bp293_R	AGCTAAAAAGCTTCAGGCCTCTCCAGATAATCTCTTGAATTATCTGGAGAGGCCTGAAGCGG	Hs.303719	507	4.37495			0.4703									
PRKDG2	NM_006259_bp293_R	AGCTAAAAAGCTTCAGGCCTCTCCAGATAATCTCTTGAATTATCTGGAGAGGCCTGAAGCGG	Hs.303719	5883	2.7722	4.05343641	0.138059503	0.834033333	6.85935268	0.796594516							
PRKDG2	NM_006259_bp293_R	AGCTAAAAAGCTTCAGGCCTCTCCAGATAATCTCTTGAATTATCTGGAGAGGCCTGAAGCGG	Hs.303719	11259	2.912725	4.2130495	0.134668958	0.7138	7.34628743	0.836467745							
PRKX	NM_005044_bp1246_R	AGCTAAAAAGCGAATGATGTGAAGCATCATTTCTCTTGAAATGATGCTTCACATCATTCGCGG	Hs.390788	1577	2.817025	3.18963607	0.072131515	-0.9274	3.81544419	0.613092733							
PRKX	NM_005044_bp1246_R	AGCTAAAAAGCGAATGATGTGAAGCATCATTTCTCTTGAAATGATGCTTCACATCATTCGCGG	Hs.390788	6953	2.927	3.50960438	0.084382979	-1.203566667	4.05754165	0.540842262							
PRKX	NM_005044_bp1246_R	AGCTAAAAAGCGAATGATGTGAAGCATCATTTCTCTTGAAATGATGCTTCACATCATTCGCGG	Hs.390788	12329	3.563175	3.29890062	0.079062986	-0.6092	3.13599124	0.683738345							
PRKX	NM_005044_bp3623_R	AGCTAAAAAGGCGGGGGTCATAGTTTAAATGTCTCTTGAACATTTAAACTATGACCCCGCCGG	Hs.390788	1579	-0.635725	0.61043168	0.064430711	-0.0652	1.21255949	0.913013662							
PRKX	NM_005044_bp3623_R	AGCTAAAAAGGCGGGGGTCATAGTTTAAATGTCTCTTGAACATTTAAACTATGACCCCGCCGG	Hs.390788	6955	-0.843225	0.6041388	0.025044115	-0.009966667	1.24956497	0.987024543							
PRKX	NM_005044_bp3623_R	AGCTAAAAAGGCGGGGGTCATAGTTTAAATGTCTCTTGAACATTTAAACTATGACCCCGCCGG	Hs.390788	12331	-0.86475	0.56029353	0.018598243	-0.096366667	1.40319077	0.8877958							
PRKX	NM_005044_bp637_R	AGCTAAAAAGAGCAACACGTACACAATGAGTCTCTTGAACTCATTGTGTACGTGTTGCTCGG	Hs.390788	1581	1.049633333	0.45392237	0.013453395	-1.3242	3.37097861	0.428565437							
PRKX	NM_005044_bp637_R	AGCTAAAAAGAGCAACACGTACACAATGAGTCTCTTGAACTCATTGTGTACGTGTTGCTCGG	Hs.390788	6957	0.863125	0.87589158	0.062945254	-1.674333333	3.77433475	0.376802634							
PRKX	NM_005044_bp637_R	AGCTAAAAAGAGCAACACGTACACAATGAGTCTCTTGAACTCATTGTGTACGTGTTGCTCGG	Hs.390788	12333	0.56135	1.02005989	0.234041743	-1.985366667	3.71948442	0.299572348							
PRKY	NM_002760_bp4926_R	AGCTAAAAAGCGGGGGTCATAATTTAAATGTCTCTTGAACATTTAAATTATGACCCCGCCGG	Hs.546278	273	-0.49485	0.22686032	0.024800673	-0.2221375	0.32022895	0.286305584							
PRKY	NM_002760_bp4926_R	AGCTAAAAAGCGGGGGTCATAATTTAAATGTCTCTTGAACATTTAAATTATGACCCCGCCGG	Hs.546278	5649	-0.4351	0.51258644	0.336606568	-0.1966125	0.33003247	0.34528676							
PRKY	NM_002760_bp4926_R	AGCTAAAAAGCGGGGGTCATAATTTAAATGTCTCTTGAACATTTAAATTATGACCCCGCCGG	Hs.546278	11025	-0.198575	0.59707791	0.486745568	-0.4717875	0.11521952	0.369428153							
PRKY	NM_002760_bp5753_R	AGCTAAAAAGCTGTCAGCATGATGGAATAATCTCTTGAATTATTCCATCATGCTGACAGCGG	Hs.546278	274	-0.155925	0.8158395	0.666564182	0.2781375	0.35111084	0.211510394							
PRKY	NM_002760_bp5753_R	AGCTAAAAAGCTGTCAGCATGATGGAATAATCTCTTGAATTATTCCATCATGCTGACAGCGG	Hs.546278	5650	0.001225	0.82125901	0.997287246	0.3446625	0.45093489	0.192274824							
PRKY	NM_002760_bp5753_R	AGCTAAAAAGCTGTCAGCATGATGGAATAATCTCTTGAATTATTCCATCATGCTGACAGCGG	Hs.546278	11026	0.073825	0.91793848	0.852734455	0.4253125	0.46521033	0.129705706							
PRPF4B	NM_003913_bp1243_R	AGCTAAAAAGAGCCGATCCCTTAGAAAGAAATCTCTTGAATTTCTTTCTAAGGATCGGCTCGG	Hs.159014	214	3.165575	9.72789523	0.000151222	0.8831625	0.26284385	0.004484527							
PRPF4B	NM_003913_bp1243_R	AGCTAAAAAGCCGATCCCTTAGAAAGAAATCTCTTGAATTTCTTTCTAAGGATCGGCTCGG	Hs.159014	5590	3.160775	7.71121252	0.000138953	0.9135125	0.27365628	0.004193269							
PRPF4B	NM_003913_bp1243_R	AGCTAAAAAGCCGATCCCTTAGAAAGAAATCTCTTGAATTTCTTTCTAAGGATCGGCTCGG	Hs.159014	10966	3.20685	7.17121412	0.000133961	0.8964875	0.25286951	0.003973299							
PRPF4B	NM_003913_bp2144_R	AGCTAAAAAGGGCAAAGGTGTATTCAGTAATTCTCTTGAAATTACTGAATACACCTTGCCCGG	Hs.159014	215	5.042933333	1.54405935	0.001470912	0.6103625	0.50669739	0.059719983							
PRPF4B	NM_003913_bp2144_R	AGCTAAAAAGGGCAAAGGTGTATTCAGTAATTCTCTTGAAATTACTGAATACACCTTGCCCGG	Hs.159014	5591	5.125166667	1.6004277	0.001575173	0.6839125	0.49335657	0.040114307							
PRPF4B	NM_003913_bp2144_R	AGCTAAAAAGGGCAAAGGTGTATTCAGTAATTCTCTTGAAATTACTGAATACACCTTGCCCGG	Hs.159014	10967	5.0972	1.61747812	0.001666251	0.6414625	0.49700888	0.049557396							
PRPF4B	NM_003913_bp2683_R	AGCTAAAAAGTCTGTAGGTTGCACCTTATATCTCTTGAATATAAGGTGCAACCTACAGACGG	Hs.159014	1656							-0.1145	0.15368068	0.325950466	-0.038375	0.15225118	0.648892391
PRPF4B	NM_003913_bp2683_R	AGCTAAAAAGTCTGTAGGTTGCACCTTATATCTCTTGAATATAAGGTGCAACCTACAGACGG	Hs.159014	7032							0.04245	0.05807251	0.239914559	0.066625	0.03516972	0.03225005
PRPF4B	NM_003913_bp2683_R	AGCTAAAAAGTCTGTAGGTTGCACCTTATATCTCTTGAATATAAGGTGCAACCTACAGACGG	Hs.159014	12408							0.07985	0.11131821	0.246875534	0.160775	0.14455166	0.112574499
PRPSAP2	NM_002767_bp226_R	AGCTAAAAAGCCACCTGAATTAGAAACCAATCTCTTGAATTGGTTTCTAATTCAGGTGGCCGG	Hs.462418	3416	-0.7453	0.23489204	0.017799457				-0.580025	0.35629736	0.037754807				
PRPSAP2	NM_002767_bp226_R	AGCTAAAAAGCCACCTGAATTAGAAACCAATCTCTTGAATTGGTTTCTAATTCAGGTGGCCGG	Hs.462418	8792	-0.521833333	0.45210347	0.10345135				-0.308025	0.42417824	0.234907339				
PRPSAP2	NM_002767_bp226_R	AGCTAAAAAGCCACCTGAATTAGAAACCAATCTCTTGAATTGGTTTCTAATTCAGGTGGCCGG	Hs.462418	14168	-0.786633333	0.19376554	0.012935634				-0.27225	0.54063702	0.337620767				
PRPSAP2	NM_002767_bp576_R	AGCTAAAAAGGGCTCCATTGTCTCTAAATTCTCTTGAAATTTAGAGACAATGGAGCCTCGG	Hs.462418	3414	1.48315	0.75046133	0.005446801				3.382175	1.40572108	0.000524913				
PRPSAP2	NM_002767_bp576_R	AGCTAAAAAGGGCTCCATTGTCTCTAAATTCTCTTGAAATTTAGAGACAATGGAGCCTCGG	Hs.462418	8790	1.52835	0.81289501	0.006371358				3.43565	1.48839795	0.000754739				
PRPSAP2	NM_002767_bp576_R	AGCTAAAAAGGGCTCCATTGTCTCTAAATTCTCTTGAAATTTAGAGACAATGGAGCCTCGG	Hs.462418	14166	1.49435	0.73280386	0.004853421				2.866075	0.76413626	0.000105005				
PRPSAP2	NM_002767_bp992_R	AGCTAAAAAGGAGGAAGGATTGCCATCATCTCTCTTGAAGATGATGGCAATCCTTCCTCCGG	Hs.462418	3418	1.68625	0.37653307	0.000334142				0.340975	0.44115435	0.200472662				
PRPSAP2	NM_002767_bp992_R	AGCTAAAAAGGAGGAAGGATTGCCATCATCTCTCTTGAAGATGATGGCAATCCTTCCTCCGG	Hs.462418	8794	1.7791	0.55724986	0.000859011				0.22925	0.63409791	0.453407085				
PRPSAP2	NM_002767_bp992_R	AGCTAAAAAGGAGGAAGGATTGCCATCATCTCTCTTGAAGATGATGGCAATCCTTCCTCCGG	Hs.462418	14170	1.9191	0.6142732	0.000849793				0.2419	1.01952206	0.567727289				
PSD3	AL353936_bp1594_R	AGCTAAAAAGCCACTTCACTCAGGCTTCTATCTCTTGAATAGAAGCCTGAGTGAAGTGGCCGG	Hs.592598	3916	-0.9477875	0.18689789	0.00136667				-0.122025	0.17370867	0.544535712				
PSD3	AL353936_bp1594_R	AGCTAAAAAGCCACTTCACTCAGGCTTCTATCTCTTGAATAGAAGCCTGAGTGAAGTGGCCGG	Hs.592598	9292	-1.0423625	0.10964704	0.000595792				-0.246025	0.24796119	0.264214144				
PSD3	AL353936_bp1594_R	AGCTAAAAAGCCACTTCACTCAGGCTTCTATCTCTTGAATAGAAGCCTGAGTGAAGTGGCCGG	Hs.592598	14668	-0.9809375	0.18216897	0.001136882				-0.197675	0.26062241	0.365158059				
PSD3	AL353936_bp2253_R	AGCTAAAAAGTGCCATATGTCCCCTGCAAATCTCTTGAATTTGCAGGGGACATATGGCACGG	Hs.592598	9296							-0.240725	0.26174237	0.278233082				
PSD3	AL353936_bp2253_R	AGCTAAAAAGTGCCATATGTCCCCTGCAAATCTCTTGAATTTGCAGGGGACATATGGCACGG	Hs.592598	14672							-0.183825	0.2637224	0.398595552				
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PSKH2	NM_033126_p739_R	AGCTAAAAGCTCTTGGTGTGATCACATATTCTCTTGAAATATGTGATCACACCAAGAGCGG	Hs.532044	600	-0.81525	0.48710328	0.015988867	0.197925	0.41154188	0.397615448						
PSKH2	NM_033126_p739_R	AGCTAAAAGCTCTTGGTGTGATCACATATTCTCTTGAAATATGTGATCACACCAAGAGCGG	Hs.532044	5976	-0.552025	0.94152893	0.212264014	0.148225	0.55358111	0.596288722						
PSKH2	NM_033126_p739_R	AGCTAAAAGCTCTTGGTGTGATCACATATTCTCTTGAAATATGTGATCACACCAAGAGCGG	Hs.532044	11352	-0.6322	0.38536477	0.02377818	0.3945	0.11743341	0.039782174						
PSMB5	NM_002797_p373_R	AGCTAAAAGGCTCGGCAATGTCGAATCTATCTCTTGAATAGATTCGACATTGCCGAGCCGG	Hs.422990	2700	-0.554475	0.30140178	0.031848409							-0.1649625	0.77099318	0.718898652
PSMB5	NM_002797_p373_R	AGCTAAAAGGCTCGGCAATGTCGAATCTATCTCTTGAATAGATTCGACATTGCCGAGCCGG	Hs.422990	8076	-0.47	0.15877457	0.033790319							-0.1750125	0.63104573	0.65840736
PSMB5	NM_002797_p373_R	AGCTAAAAGGCTCGGCAATGTCGAATCTATCTCTTGAATAGATTCGACATTGCCGAGCCGG	Hs.422990	13452	-0.487375	0.13455409	0.026657779							-0.1178875	0.716414	0.815688607
PSMB5	NM_002797_p613_R	AGCTAAAAGGATCGGGGCTATTCCTATGATCTCTTGAATCATAGGAATAGCCCCGATCCGG	Hs.422990	2702	-1.0375	0.22666011	0.001440248							-0.1840625	0.70845065	0.662234725
PSMB5	NM_002797_p613_R	AGCTAAAAGGATCGGGGCTATTCCTATGATCTCTTGAATCATAGGAATAGCCCCGATCCGG	Hs.422990	8078	-1.057975	0.24278832	0.001496226							-0.2040125	0.67296434	0.607524117
PSMB5	NM_002797_p613_R	AGCTAAAAGGATCGGGGCTATTCCTATGATCTCTTGAATCATAGGAATAGCCCCGATCCGG	Hs.422990	13454	-1.03375	0.21136993	0.001531794							-0.2149875	0.71199493	0.597103887
PSMB5	NM_002797_p770_R	AGCTAAAAGTGGCTGATCTACATGAGAAGTCTCTTGAACTTCTCATGTAGATCAGCCACGG	Hs.422990	2704	1.195633333	2.656444229	0.312516539							0.154475	1.55552885	0.7684046
PSMB5	NM_002797_p770_R	AGCTAAAAGTGGCTGATCTACATGAGAAGTCTCTTGAACTTCTCATGTAGATCAGCCACGG	Hs.422990	8080	0.591566667	1.4487414	0.350760577							0.200516667	1.00214022	0.593153915
PSMB5	NM_002797_p770_R	AGCTAAAAGTGGCTGATCTACATGAGAAGTCTCTTGAACTTCTCATGTAGATCAGCCACGG	Hs.422990	13456	1.469475	2.62856339	0.265410482							-0.093575	1.30386955	0.928673954
PSMC1	NM_002802_p124_R	AGCTAAAAGAACCTCCTGTACCAACTAGATCTCTTGAATCTAGTTGGTACAGGAGGTTCGG	Hs.356654	2991	0.406273	0.43924387	0.088978244							0.3263875	1.02015578	0.390312399
PSMC1	NM_002802_p124_R	AGCTAAAAGAACCTCCTGTACCAACTAGATCTCTTGAATCTAGTTGGTACAGGAGGTTCGG	Hs.356654	8367	0.409925	0.41389501	0.078610235							0.3689875	0.96546132	0.321993528
PSMC1	NM_002802_p124_R	AGCTAAAAGAACCTCCTGTACCAACTAGATCTCTTGAATCTAGTTGGTACAGGAGGTTCGG	Hs.356654	13743	0.61715	0.30724808	0.013647056							0.1977625	1.0810882	0.585441128
PSMC1	NM_002802_p802_R	AGCTAAAAGGCTCTGAACTTATTCAGAAGTCTCTTGAACTTCTGAATAAGTTCAGAGCCGG	Hs.356654	2987	1.011225	0.51723586	0.007006648							-0.7812375	0.58446629	0.034553558
PSMC1	NM_002802_p802_R	AGCTAAAAGGCTCTGAACTTATTCAGAAGTCTCTTGAACTTCTGAATAAGTTCAGAGCCGG	Hs.356654	8363	1.0128	0.47509341	0.005474327							-0.7703375	0.58756758	0.036846112
PSMC1	NM_002802_p802_R	AGCTAAAAGGCTCTGAACTTATTCAGAAGTCTCTTGAACTTCTGAATAAGTTCAGAGCCGG	Hs.356654	13739	1.0105	0.49269786	0.006152336							-0.7743375	0.57982042	0.035133518
PSMC1	NM_002802_p885_R	AGCTAAAAGTCCATCGTGTTTATTGATGATCTCTTGAATCATCAATAAACACGATGGACGG	Hs.356654	13741	-1.31815									0.373266667	0.97156998	0.36678624
PSMC1	NM_002802_p885_R	AGCTAAAAGTCCATCGTGTTTATTGATGATCTCTTGAATCATCAATAAACACGATGGACGG	Hs.356654	8365										1.5184	0.55847294	0.012836623
PSMC1	NM_002802_p885_R	AGCTAAAAGTCCATCGTGTTTATTGATGATCTCTTGAATCATCAATAAACACGATGGACGG	Hs.356654	2989										1.0581		
PSMC1	NM_002803_p1069_R	AGCTAAAAGCCAGGGAGATTGGATAGAAATCTCTTGAATTTCTATCCAATCTCCCTGGCGG	Hs.437366	13747	-0.03835									-0.05481667	0.22619401	0.961647143
PSMC1	NM_002803_p1069_R	AGCTAAAAGCCAGGGAGATTGGATAGAAATCTCTTGAATTTCTATCCAATCTCCCTGGCGG	Hs.437366	8371										-0.1618	0.20718229	0.716617318
PSMC1	NM_002803_p1069_R	AGCTAAAAGCCAGGGAGATTGGATAGAAATCTCTTGAATTTCTATCCAATCTCCCTGGCGG	Hs.437366	2995										-0.1182		
PSMC2	NM_002803_p1123_R	AGCTAAAAGAACCCACATATTTAAGATTCATCTCTTGAATGAATCTTAAATATGTGGGTCGG	Hs.437366	2993	-0.772166667	0.38712469	0.040094322							-0.0923625	0.46090668	0.844287044
PSMC2	NM_002803_p1123_R	AGCTAAAAGAACCCACATATTTAAGATTCATCTCTTGAATGAATCTTAAATATGTGGGTCGG	Hs.437366	8369	-0.6341	0.48217611	0.173151479							-0.1360375	0.40665159	0.698532697
PSMC2	NM_002803_p1123_R	AGCTAAAAGAACCCACATATTTAAGATTCATCTCTTGAATGAATCTTAAATATGTGGGTCGG	Hs.437366	13745	-0.748466667	0.42402451	0.049891429							-0.1611875	0.4738447	0.645519328
PSMC2	NM_002803_p875_R	AGCTAAAAGCCTGCCTTATCTTCTTTGATTCTCTTGAAATCAAAGAAGATAAGGCAGGCCGG	Hs.437366	2997	-0.568825	0.16603718	0.018406473							-0.5119625	0.32585505	0.069889648
PSMC2	NM_002803_p875_R	AGCTAAAAGCCTGCCTTATCTTCTTTGATTCTCTTGAAATCAAAGAAGATAAGGCAGGCCGG	Hs.437366	8373	-0.57345	0.12643087	0.014679379							-0.5765125	0.31087867	0.044103968
PSMC2	NM_002803_p875_R	AGCTAAAAGCCTGCCTTATCTTCTTTGATTCTCTTGAAATCAAAGAAGATAAGGCAGGCCGG	Hs.437366	13749	-0.56215	0.17581126	0.020024898							-0.5776125	0.28441061	0.040544958
PSMC3	NM_002804_p1257_R	AGCTAAAAGCAGATCCACTCCCGAAAGATTCTCTTGAAATCTTTCGGGAGTGGATCTGCGG	Hs.250758	2999	0.1639	1.02036815	0.622016937							2.908383333	3.08701017	0.04823064
PSMC3	NM_002804_p1257_R	AGCTAAAAGCAGATCCACTCCCGAAAGATTCTCTTGAAATCTTTCGGGAGTGGATCTGCGG	Hs.250758	8375	0.147625	0.9881745	0.637957328							2.95015	3.02103681	0.043156484
PSMC3	NM_002804_p1257_R	AGCTAAAAGCAGATCCACTCCCGAAAGATTCTCTTGAAATCTTTCGGGAGTGGATCTGCGG	Hs.250758	13751	0.1433	0.96476047	0.638190219							2.817283333	2.79063027	0.039074911
PSMC3	NM_002804_p304_R	AGCTAAAAGACAGTGAGATCAAGATCATGTCTCTTGAACATGATCTTGATCTCACTGTCGG	Hs.250758	3027	3.915425	0.70583297	4.23E-05							3.5508875	1.31502119	0.000333805
PSMC3	NM_002804_p304_R	AGCTAAAAGACAGTGAGATCAAGATCATGTCTCTTGAACATGATCTTGATCTCACTGTCGG	Hs.250758	8403	3.91965	0.7197325	4.60E-05							3.5376875	1.33522583	0.000366475
PSMC3	NM_002804_p304_R	AGCTAAAAGACAGTGAGATCAAGATCATGTCTCTTGAACATGATCTTGATCTCACTGTCGG	Hs.250758	13779	3.91935	0.68843303	3.85E-05							3.5215875	1.34388212	0.000387195
PSMC3	NM_002804_p757_R	AGCTAAAAGAGGCCATTGTCTTGCCAATGTCTCTTGAACATTGGCAAGACAATGGCCTCGG	Hs.250758	3025	0.624125	0.88635786	0.116913486							-0.5063625	0.5907281	0.140670825
PSMC3	NM_002804_p757_R	AGCTAAAAGAGGCCATTGTCTTGCCAATGTCTCTTGAACATTGGCAAGACAATGGCCTCGG	Hs.250758	8401	0.516025	0.86894257	0.166734814							-0.4636125	0.56961471	0.166622036
PSMC3	NM_002804_p757_R	AGCTAAAAGAGGCCATTGTCTTGCCAATGTCTCTTGAACATTGGCAAGACAATGGCCTCGG	Hs.250758	13777	0.474425	0.8502959	0.187098008							-0.4816125	0.59568868	0.160755625
PSMD1	NM_002807_p1491_R	AGCTAAAAGGTGGTGATATAATTGACTATTCTCTTGAAATAGTCAATTATATCACCACCGG	Hs.3887	8409										-0.07551667	0.48197812	0.91305639
PSMD1	NM_002807_p1491_R	AGCTAAAAGGTGGTGATATAATTGACTATTCTCTTGAAATAGTCAATTATATCACCACCGG	Hs.3887	13785												
PSMD1	NM_002807_p1491_R	AGCTAAAAGGTGGTGATATAATTGACTATTCTCTTGAAATAGTCAATTATATCACCACCGG	Hs.3887	3033												
PSMD1	NM_002807_p1933_R	AGCTAAAAGCCTGCTACATGTTGCTGTAATCTCTTGAATTACAGCAACATGTAGCAGGCCGG	Hs.3887	3029	-0.6072	0.2713281	0.02209267							-0.2880625	0.56202502	0.391840189
PSMD1	NM_002807_p1933_R	AGCTAAAAGCCTGCTACATGTTGCTGTAATCTCTTGAATTACAGCAACATGTAGCAGGCCGG	Hs.3887	8405	-0.625025	0.21288292	0.014262808							-0.309875	0.5201181	0.336903847
PSMD1	NM_002807_p1933_R	AGCTAAAAGCCTGCTACATGTTGCTGTAATCTCTTGAATTACAGCAACATGTAGCAGGCCGG	Hs.3887	13781	-0.61635	0.20780337	0.014582983							-0.3202625	0.54257796	0.328603503
PSMD1	NM_002807_p309_R	AGCTAAAAGCAGCCTTAGTGGCATCTAAATCTCTTGAATTTAGATGCCACTAAGGCTGCGG	Hs.3887	3031	-0.6069	0.43908208	0.046961638							-0.4065625	0.39649445	0.162827383
PSMD1	NM_002807_p309_R	AGCTAAAAGCAGCCTTAGTGGCATCTAAATCTCTTGAATTTAGATGCCACTAAGGCTGCGG	Hs.3887	8407	-0.5612	0.40473429	0.052735592							-0.4114625	0.42835035	0.168956546
PSMD1	NM_002807_p309_R	AGCTAAAAGCAGCCTTAGTGGCATCTAAATCTCTTGAATTTAGATGCCACTAAGGCTGCGG	Hs.3887	13783	-0.538725	0.44840251	0.072043639							-0.4283375	0.38260541	0.138537642
PSMD12	NM_002816_p1250_R	AGCTAAAAGTCCGAAGCCTTTCTCTCAAATCTCTTGAATTTGAGAGAAAGGCTTCGGACGG	Hs.4295	3035	2.4065	0.83485275	0.000787109							1.9106375	0.69393401	0.000602577
PSMD12	NM_002816_p1250_R	AGCTAAAAGTCCGAAGCCTTTCTCTCAAATCTCTTGAATTTGAGAGAAAGGCTTCGGACGG	Hs.4295	8411	2.27715	1.02192684	0.022884833							2.2735125	1.39952138	0.0041903
PSMD12	NM_002816_p1250_R	AGCTAAAAGTCCGAAGCCTTTCTCTCAAATCTCTTGAATTTGAGAGAAAGGCTTCGGACGG	Hs.4295	13787	2.637025	0.73140899	0.000287637							1.9941375	0.78926013	0.000768273
PSMD12	NM_002816_p398_R	AGCTAAAAGGTTCAACAGTGCTGTACTTATCTCTTGAATAAGTACAGCACTGTTGAACCGG	Hs.4295	3039	1.85505	0.92144504	0.004097948							2.0482625	0.91764353	0.001233132
PSMD12	NM_002816_p398_R	AGCTAAAAGGTTCAACAGTGCTGTACTTATCTCTTGAATAAGTACAGCACTGTTGAACCGG	Hs.4295	8415	1.903175	0.86728599	0.002907119							2.1591375	0.9756033	0.001205588
PSMD12	NM_002816_p398_R	AGCTAAAAGGTTCAACAGTGCTGTACTTATCTCTTGAATAAGTACAGCACTGTTGAACCGG	Hs.4295	13791	1.8864	0.82302257	0.002446146							2.1811625	0.99280249	0.001230801
PSMD12	NM_002816_p596_R	AGCTAAAAGTGGAAACCTACGGGTCAATTCTCTTGAAATTGACCCGTAGGTTTCCACCGG	Hs.4295	3037	2.635466667	1.61391274	0.015540963							0.728083333	1.79413132	0.314593436
PSMD12	NM_002816_p596_R	AGCTAAAAGTGGAAACCTACGGGTCAATTCTCTTGAATTGACCCGTAGGTTTCCACCGG	Hs.4295	8413	1.779575	0.95290956	0.005353261							0.3287875	1.45696067	0.519872095
PSMD12	NM_002816_p596_R	AGCTAAAAGTGGAAACCTACGGGTCAATTCTCTTGAATTGACCCGTAGGTTTCCACCGG	Hs.4295	13789	2.344925	1.09969763	0.002920483							0.69265	1.75085138	0.325673794
PSMD13	NM_175932_p423_R	AGCTAAAAGATCCTAATGTGGCTCTTACTTCTCTTGAAAGTAAGAGCCACATTAGGATCCGG	Hs.136488	3045	0.13165	0.33210338	0.366547486							0.3194625	0.86552246	0.342923633
PSMD13	NM_175932_p423_R	AGCTAAAAGATCCTAATGTGGCTCTTACTTCTCTTGAAAGTAAGAGCCACATTAGGATCCGG	Hs.136488	8421	0.1017	0.33858667	0.446107947							0.3132375	0.84980085	0.344411604
PSMD13	NM_175932_p423_R	AGCTAAAAGATCCTAATGTGGCTCTTACTTCTCTTGAAAGTAAGAGCCACATTAGGATCCGG	Hs.136488	13797	0.119825	0.34099363	0.400039573							0.2484875	0.89141947	0.449059907
PSMD13	NM_175932_p483_R	AGCTAAAAGAGGCAGTGATCCTGTGTAAATCTCTTGAATTTACACAGGATCACTGCCTCGG	Hs.136488	3041	3.1667	1.23723896	0.001208313							2.1698875	1.81837361	0.015374827
PSMD13	NM_175932_p483_R	AGCTAAAAGAGGCAGTGATCCTGTGTAAATCTCTTGAATTTACACAGGATCACTGCCTCGG	Hs.136488	8417	3.18675	1.26546166	0.001286716							1.7620625	1.20672077	0.007587493
PSMD13	NM_175932_p483_R	AGCTAAAAGAGGCAGTGATCCTGTGTAAATCTCTTGAATTTACACAGGATCACTGCCTCGG	Hs.136488	13793	3.141775	1.23033364	0.001221041							1.8809375	1.40486124	0.010276875
PSMD13	NM_175932_p929_R	AGCTAAAAGCAGCCTGATTTAGCAGCTAATCTCTTGAATTAGCTGCTAAATCAGGCTGCGG	Hs.136488	3043	0.211325	0.24985847	0.153681138							-0.2920625	0.37032871	0.306444733
PSMD13	NM_175932_p929_R	AGCTAAAAGCAGCCTGATTTAGCAGCTAATCTCTTGAATTAGCTGCTAAATCAGGCTGCGG	Hs.136488	8419	0.32315	0.2652902	0.066246326							-0.2722125	0.36779917	0.342441365
PSMD13	NM_175932_p929_R	AGCTAAAAGCAGCCTGATTTAGCAGCTAATCTCTTGAATTAGCTGCTAAATCAGGCTGCGG	Hs.136488	13795	0.3578	0.26449479	0.051002057							-0.2544625	0.35356352	0.372601422
PSMD3	NM_002809_p1396_R	AGCTAAAAGCCTCTCCTATTCCCGAATCTTCTCTTGAAAGATTCGGGAATAGGAGAGGCCGG	Hs.12970	2690	-0.636	0.36922293	0.025683143							-0.5778125	0.59393864	0.100790844
PSMD3	NM_002809_p1396_R	AGCTAAAAGCCTCTCCTATTCCCGAATCTTCTCTTGAAAGATTCGGGAATAGGAGAGGCCGG	Hs.12970	8066	-0.57815	0.34440847	0.032068086							-0.5287375	0.4950391	0.100790731
PSMD3	NM_002809_p1396_R	AGCTAAAAGCCTCTCCTATTCCCGAATCTTCTCTTGAAAGATTCGGGAATAGGAGAGGCCGG	Hs.12970	13442	-0.6356	0.32314469	0.011963915							-0.5683625	0.4197904	0.065346077
PSMD3	NM_002809_p515_R	AGCTAAAAGCAGGGCTTCTTCACTTCAAATCTCTTGAATTTGAAGTGAAGAAGCCCTGCGG	Hs.12970	3047	2.0787	0.69338103	0.000830661							2.0913375	0.81959466	0.000694464
PSMD3	NM_002809_p515_R	AGCTAAAAGCAGGGCTTCTTCACTTCAAATCTCTTGAATTTGAAGTGAAGAAGCCCTGCGG	Hs.12970	8423	2.0036	0.47776257	0.000266219							2.0134125	0.85432638	0.000996963
PSMD3	NM_002809_p515_R	AGCTAAAAGCAGGGCTTCTTCACTTCAAATCTCTTGAATTTGAAGTGAAGAAGCCCTGCGG	Hs.12970	13799	2.0857	0.45412301	0.000186672							1.9988625	0.88974375	0.001211933
PSMD3	NM_002809_p926_R	AGCTAAAAGCTGCGGAATTACCTACACTATCTCTTGAATAGTGTAGGTAATTCCGCAGCGG	Hs.12970	2692	-1.7936	0.59249903	0.00112351							0.2985625	0.85018098	0.366047209
PSMD3	NM_002809_p926_R	AGCTAAAAGCTGCGGAATTACCTACACTATCTCTTGAATAGTGTAGGTAATTCCGCAGCGG	Hs.12970	8068	-1.84235	0.64697118	0.001375752							0.2596875	0.85047905	0.420082665
PSMD3	NM_002809_p926_R	AGCTAAAAGCTGCGGAATTACCTACACTATCTCTTGAATAGTGTAGGTAATTCCGCAGCGG	Hs.12970	13444	-1.910225	0.61582999	0.000932047							0.3247125	0.87177941	0.34166111
PSMD6	NM_014814_p221_R	AGCTAAAAGACGTGGACCTACTCAATAAATCTCTTGAATTTATTGATGAGTGTCACGTCGG	Hs.152536	2706	4.342375	6.60625705	1.71E-05							2.1992125	1.40220827	0.005028017
PSMD6	NM_014814_p221_R	AGCTAAAAGACGTGGACCTACTCAATAAATCTCTTGAATTTATTGATGAGTGTCACGTCGG	Hs.152536	8082	3.9373	0.38482911	5.79E-06							2.0871125	1.32182165	0.00502077
PSMD6	NM_014814_p221_R	AGCTAAAAGACGTGGACCTACTCAATAAATCTCTTGAATTTATTGATGAGTGTCACGTCGG	Hs.152536	13458	4.035075	0.38512633	5.32E-06							2.1226125	1.33599115	0.00485281
PSMD6	NM_014814_p427_R	AGCTAAAAGGGTCACCGATTGGATATTGTTCTCTTGAAACAATATCCAATCGGTGACCCCGG	Hs.152536	2708	0.327475	0.23221571	0.053965025							0.3840375	0.20360503	0.070019927
PSMD6	NM_014814_p427_R	AGCTAAAAGGGTCACCGATTGGATATTGTTCTCTTGAAACAATATCCAATCGGTGACCCCGG	Hs.152536	8084	0.430075	0.05930096	0.014841368							0.4049625	0.21463711	0.061860187
PSMD6	NM_014814_p427_R	AGCTAAAAGGGTCACCGATTGGATATTGTTCTCTTGAAACAATATCCAATCGGTGACCCCGG	Hs.152536	13460	0.458275	0.17834622	0.016359809							0.4039125	0.26765909	0.070581006
PSMD6	NM_014814_p588_R	AGCTAAAAGTGTGGCTATTCCTGATTGAATTCACTCGAATGAACTACGAAGTAGCCACACGG	Hs.152536	2710	0.727	0.23336049	0.003492897							1.1988625	0.19713315	0.000615001
PSMD6	NM_014814_p588_R	AGCTAAAAGTGTGGCTATTCCTGATTGAATTCACTCGAATGAACTACGAAGTAGCCACACGG	Hs.152536	8086	0.7067	0.2285072	0.003827993							1.2100375	0.24370928	0.000706069
PSMD6	NM_014814_p588_R	AGCTAAAAGTGTGGCTATTCCTGATTGAATTCACTCGAATGAACTACGAAGTAGCCACACGG	Hs.152536	13462	0.694	0.24028664	0.004554754							1.1713625	0.12452141	0.000565371
PSMD7	NM_002811_p190_R	AGCTAAAAGTGGATCATTTCAACCGAATCTCTCTTGAAGATTCGGTTGAAATGATCCACGG	Hs.528849	2698	-0.164325	0.40210332	0.601045339							-0.1578375	0.56326743	0.68128014
PSMD7	NM_002811_p190_R	AGCTAAAAGTGGATCATTTCAACCGAATCTCTCTTGAAGATTCGGTTGAAATGATCCACGG	Hs.528849	8074	-0.188375	0.39709856	0.522862395							-0.1957625	0.56144365	0.586708074
PSMD7	NM_002811_p190_R	AGCTAAAAGTGGATCATTTCAACCGAATCTCTCTTGAAGATTCGGTTGAAATGATCCACGG	Hs.528849	13450	-0.22105	0.38943844	0.425147911							-0.1611875	0.45929014	0.640749598
PSMD7	NM_002811_p729_R	AGCTAAAAGGGACTGAACTCCAAGCTTCTTCTCTTGAAAGAAGCTTGGAGTTCAGTCCCGG	Hs.528849	2694	4.7786	1.95141091	0.015500888							4.1207625	2.73271631	0.005146792
PSMD7	NM_002811_p729_R	AGCTAAAAGGGACTGAACTCCAAGCTTCTTCTCTTGAAAGAAGCTTGGAGTTCAGTCCCGG	Hs.528849	8070	4.63655	1.77535836	0.001139332							3.6401875	2.8413029	0.010714872
PSMD7	NM_002811_p729_R	AGCTAAAAGGGACTGAACTCCAAGCTTCTTCTCTTGAAAGAAGCTTGGAGTTCAGTCCCGG	Hs.528849	13446	4.82695	1.8865538	0.001242947							3.5998125	2.6676462	0.008586104
PSMD7	NM_002811_p895_R	AGCTAAAAGCACGATGGTGGTAGTGTACTCTCTTGAAGTACACTACCACCATCTGGTCGG	Hs.528849	2696	2.969025	1.81768216	0.007926614							1.3350125	1.05792987	0.014950495
PSMD7	NM_002811_p895_R	AGCTAAAAGCACGATGGTGGTAGTGTACTCTCTTGAAGTACACTACCACCATCTGGTCGG	Hs.528849	8072	2.83475	1.15560134	0.001493398							1.0320625	0.58434095	0.007246675
PSMD7	NM_002811_p895_R	AGCTAAAAGCACGATGGTGGTAGTGTACTCTCTTGAAGTACACTACCACCATCTGGTCGG	Hs.528849	13448	3.068625	1.81863488	0.006981785							1.1636125	0.35027505	0.00137299
PSMD9	BC028421_p1564_R	AGCTAAAAGCTGGTTGCTCGGACATACATCTCTTGAATGTATGTCCCAGACAACCAGCGG	Hs.131151	4469	-0.592425	0.53590686	0.059568697	-0.474075	0.5796612	0.145496727	-0.86526667	0.6522326	0.045236545			
PSMD9	BC028421_p1564_R	AGCTAAAAGCTGGTTGCTCGGACATACATCTCTTGAATGTATGTCCCAGACAACCAGCGG	Hs.131151	9845	-0.2976	0.34959162	0.172354403	-0.32895	0.35835574	0.159103783	-0.90776667	1.12806207	0.108739042			
PSMD9	BC028421_p1564_R	AGCTAAAAGCTGGTTGCTCGGACATACATCTCTTGAATGTATGTCCCAGACAACCAGCGG	Hs.131151	15221	-0.36455	0.41952969	0.139048072	-0.2956	0.28669076	0.157048574	-0.89946667	1.15177674	0.115731104			
PSMD9	BC028421_p1940_R	AGCTAAAAGGGACCAAACTTGAGAAGTTATCTCTTGAATGTTTCTCAAGTTTGGCTCCCGG	Hs.131151	4471	-0.5513	0.46534669	0.055151048	0.156475	0.21159621	0.364758297	1.212166667	0.63736089	0.012986612			
PSMD9	BC028421_p1940_R	AGCTAAAAGGGACCAAACTTGAGAAGTTATCTCTTGAATGTTTCTCAAGTTTGGCTCCCGG	Hs.131151	9847	-0.526175	0.42273504	0.05273939	0.547775	1.01914352	0.269992734	1.128433333	0.57528671	0.014162945			
PSMD9	BC028421_p1940_R	AGCTAAAAGGGACCAAACTTGAGAAGTTATCTCTTGAATGTTTCTCAAGTTTGGCTCCCGG	Hs.131151	15223	-0.164525	0.62015431	0.572202188	0.080125	0.42866192	0.729235692	1.458666667	0.9830513	0.017638651			
PSMD9	BC028421_p3022_R	AGCTAAAAGCTAGAAGACTACTTCACTATCTCTTGAATAGTAGAAGTAGTCTTCTAGCGG	Hs.131151	4473	-0.94165	0.51267914	0.010481794	0.1755	0.652964	0.582047752	-0.5318	1.1027925	0.298463903			
PSMD9	BC028421_p3022_R	AGCTAAAAGCTAGAAGACTACTTCACTATCTCTTGAATAGTAGAAGTAGTCTTCTAGCGG	Hs.131151	9849	-0.870775	0.6670565	0.029371433	0.331975	0.67344184	0.329492994	-0.4267	1.02467389	0.37101997			
PSMD9	BC028421_p3022_R	AGCTAAAAGCTAGAAGACTACTTCACTATCTCTTGAATAGTAGAAGTAGTCTTCTAGCGG	Hs.131151	15225	-0.901575	0.4801106	0.010414055	0.28725	0.46709969	0.27327167	-0.4896	0.84126517	0.253164143			
PTEN	NM_000314_p1386_R	AGCTAAAAGTTGCAGCAATCACTGTAAATCTCTTGAATTTACAGTGAATTGCTGCAACGG	Hs.50466	1027	-0.3179875	0.09255604	0.063813687				-0.2223125	0.22922864	0.302292197			
PTEN	NM_000314_p1386_R	AGCTAAAAGTTGCAGCAATCACTGTAAATCTCTTGAATTTACAGTGAATTGCTGCAACGG	Hs.50466	6403	-0.2326875	0.15386243	0.162887702				-0.1696125	0.18785907	0.410190227			
PTEN	NM_000314_p1386_R	AGCTAAAAGTTGCAGCAATCACTGTAAATCTCTTGAATTTACAGTGAATTGCTGCAACGG	Hs.50466	11779	-0.3922375	0.09858804	0.033307044				-0.1697375	0.18788641	0.409872647			
PTEN	NM_000314_p1547_R	AGCTAAAAGCGCTATGTGTATTATAGTCTCTTGAACTATAATAATACCATAGCCGCGG	Hs.50466	1025	-0.4500375	0.55364694	0.131688822				-0.4259625	1.25554729	0.404847759			
PTEN	NM_000314_p1547_R	AGCTAAAAGCGCTATGTGTATTATAGTCTCTTGAACTATAATAATACCATAGCCGCGG	Hs.50466	6401	-0.894116667	0.58709086	0.0372607				-0.5863125	1.54017209	0.342554439			
PTEN	NM_000314_p1547_R	AGCTAAAAGCGCTATGTGTATTATAGTCTCTTGAACTATAATAATACCATAGCCGCGG	Hs.50466	11777	-0.3179625	0.65660415	0.315050763				-0.5488375	1.15131105	0.260391619			
PTEN	NM_000314_p1604_R	AGCTAAAAGGCACTGTTGTTTCACAAGATTCTCTTGAAATCTTGTGAAACAACAGTGCCCGG	Hs.50466	1026	-1.4106375	0.32703171	0.000547343				0.2779375	0.29863956	0.230084244			
PTEN	NM_000314_p1604_R	AGCTAAAAGGCACTGTTGTTTCACAAGATTCTCTTGAAATCTTGTGAAACAACAGTGCCCGG	Hs.50466	6402	-1.2209625	0.31394473	0.009978002				0.2886875	0.28264197	0.209288268			
PTEN	NM_000314_p1604_R	AGCTAAAAGGCACTGTTGTTTCACAAGATTCTCTTGAAATCTTGTGAAACAACAGTGCCCGG	Hs.50466	11778	-1.2004375	0.19723677	0.000486969				0.2754625	0.25658673	0.219747379			
PTGDR	NM_000953_p1145_R	AGCTAAAAGGTGCAGCAATTCCACTAACATCTCTTGAATGTTAGTGGAATTGCTGCACCGG	Hs.306831	5289	-0.3843625	0.57603382	0.195650951	-0.6309375	0.26636342	0.01630701						
PTGDR	NM_000953_p1145_R	AGCTAAAAGGTGCAGCAATTCCACTAACATCTCTTGAATGTTAGTGGAATTGCTGCACCGG	Hs.306831	10665	-0.3729875	0.57866193	0.208377364	-0.6631625	0.36543907	0.023612193						
PTGDR	NM

PTK6	NM_005975_bp1160_R	AGCTAAAAGGGATTCTCCTGCATGAGATGTCTCTTGAACATCTCATGCAGGAGATCCCGG	Hs.51133	5835	0.5186	1.92531187	0.522948798	0.456833333	0.81382001	0.318617348											
PTK6	NM_005975_bp1160_R	AGCTAAAAGGGATTCTCCTGCATGAGATGTCTCTTGAACATCTCATGCAGGAGATCCCGG	Hs.51133	11211	0.490975	2.75719505	0.666676289	-0.187033333	0.44015448	0.510735011											
PTK6	NM_005975_bp262_R	AGCTAAAAGTCGGAACCGTGGTTCTTTGGTCTCTTGAACCAAAGAACCACGGTTCCGACGG	Hs.51133	1753	-0.045375	0.45362958	0.843257935	-0.2722	0.84074996	0.594806636											
PTK6	NM_005975_bp262_R	AGCTAAAAGTCGGAACCGTGGTTCTTTGGTCTCTTGAACCAAAGAACCACGGTTCCGACGG	Hs.51133	7129	-0.13995	0.5668116	0.605958061	0.246966667	1.76645078	0.772149428											
PTK6	NM_005975_bp262_R	AGCTAAAAGTCGGAACCGTGGTTCTTTGGTCTCTTGAACCAAAGAACCACGGTTCCGACGG	Hs.51133	12505	-0.2434	0.60967859	0.406743554	0.344	1.63038893	0.66595939											
PTK7	NM_002821_bp1584_R	AGCTAAAAGAATGGGACCTTGCGCATCAATCTCTTGAATTGATGCGCAAGGTCCCATTCGG	Hs.90572	275	1.1172	0.59976797	0.045706582	-0.5165	0.63526473	0.278980541											
PTK7	NM_002821_bp1584_R	AGCTAAAAGAATGGGACCTTGCGCATCAATCTCTTGAATTGATGCGCAAGGTCCCATTCGG	Hs.90572	5651	1.2009	0.68278231	0.045592508	-0.2056	0.59047804	0.546133844											
PTK7	NM_002821_bp1584_R	AGCTAAAAGAATGGGACCTTGCGCATCAATCTCTTGAATTGATGCGCAAGGTCCCATTCGG	Hs.90572	11027	1.2561	0.45155839	0.024374426	-0.232266667	0.59382187	0.50020505											
PTK7	NM_002821_bp3138_R	AGCTAAAAGGGTGACTTCTCTACCAAGTCTCTCTTGAAGACTTGGTAGAGAAGTCACCCGG	Hs.90572	276	-0.17785	0.22422356	0.532355133	0.545935775	0.34647405	0.040420709											
PTK7	NM_002821_bp3138_R	AGCTAAAAGGGTGACTTCTCTACCAAGTCTCTCTTGAAGACTTGGTAGAGAAGTCACCCGG	Hs.90572	5652	0.084766667	0.44260797	0.274418229	0.7683275	0.64592558	0.05246243											
PTK7	NM_002821_bp3138_R	AGCTAAAAGGGTGACTTCTCTACCAAGTCTCTCTTGAAGACTTGGTAGAGAAGTCACCCGG	Hs.90572	11028	0.32095	0.4833057	2.116819805	0.79921125	0.60050522	0.038975998											
PTOV1	AB021663_bp1115_R	AGCTAAAAGAACCTGCTCATCGAGGTTTACTTCTCTTGAAGTAAACCTCGATGAGCAGGTCGG	Hs.9754	3633	0.379425	0.21393946	0.056273969						-0.14115625	0.46611931	0.581624164						
PTOV1	AB021663_bp1115_R	AGCTAAAAGAACCTGCTCATCGAGGTTTACTTCTCTTGAAGTAAACCTCGATGAGCAGGTCGG	Hs.9754	9009	0.563125	0.21898538	0.01447764						0.3881125	0.51423925	0.178113473						
PTOV1	AB021663_bp1115_R	AGCTAAAAGAACCTGCTCATCGAGGTTTACTTCTCTTGAAGTAAACCTCGATGAGCAGGTCGG	Hs.9754	14385	0.478675	0.03956367	0.014277916						0.2772125	0.35573231	0.252216834						
PTOV1	AB021663_bp388_R	AGCTAAAAGCTCGTAGACTATGGGAAACTTCTCTTGAAAGTTTCCCATAGTCTACGAGCGG	Hs.9754	3631	0.28705	0.4999623	0.271835036						0.2767875	0.3450128	0.248754271						
PTOV1	AB021663_bp388_R	AGCTAAAAGCTCGTAGACTATGGGAAACTTCTCTTGAAAGTTTCCCATAGTCTACGAGCGG	Hs.9754	9007	0.349325	0.55171737	0.220192923						-0.1943375	0.65239827	0.529184699						
PTOV1	AB021663_bp388_R	AGCTAAAAGCTCGTAGACTATGGGAAACTTCTCTTGAAAGTTTCCCATAGTCTACGAGCGG	Hs.9754	14383	0.41985	0.30709227	0.062127713						0.3088625	0.39118667	0.220949979						
PTOV1	AB021663_bp775_R	AGCTAAAAGCCCCCTGTCTTGGATACTCTTCTCTTGAAAGAGTATCCAAGACAGGGGGCGG	Hs.9754	3635	-0.636975	0.22494178	0.009412461						-0.2629875	0.3044931	0.255326403						
PTOV1	AB021663_bp775_R	AGCTAAAAGCCCCCTGTCTTGGATACTCTTCTCTTGAAAGAGTATCCAAGACAGGGGGCGG	Hs.9754	9011	-0.428325	0.07705528	0.023167759						-0.0480625	0.55151591	0.861667055						
PTOV1	AB021663_bp775_R	AGCTAAAAGCCCCCTGTCTTGGATACTCTTCTCTTGAAAGAGTATCCAAGACAGGGGGCGG	Hs.9754	14387	-0.37195	0.20136683	0.056797997						-0.0302375	0.26951953	0.886669362						
PTP4A3	AK128380_bp2137_R	AGCTAAAAAGTGGCGCTTTGGTGAGTTTGTCTCTTGAACAAACTCACCAAAGCGCCACCGG	Hs.43666	4123									-0.01735	0.29005235	0.935868979						
PTP4A3	AK128380_bp2137_R	AGCTAAAAAGTGGCGCTTTGGTGAGTTTGTCTCTTGAACAAACTCACCAAAGCGCCACCGG	Hs.43666	9499	0.0048	0.22397516	0.981017944						0.01735	0.3087871	0.936876515						
PTP4A3	AK128380_bp2137_R	AGCTAAAAAGTGGCGCTTTGGTGAGTTTGTCTCTTGAACAAACTCACCAAAGCGCCACCGG	Hs.43666	14875									0.01725	0.28086479	0.935752492						
PTP4A3	AK128380_bp2335_R	AGCTAAAAGATGATCTCTGTTCCTGTTCTCTCTTGAAGAACACGGAACAGAGATCATCCGG	Hs.43666	4119	0.5458625	0.45057812	0.05330306						0.24455	0.25325087	0.268545906						
PTP4A3	AK128380_bp2335_R	AGCTAAAAAGATGATCTCTGTTCCTGTTCTCTCTTGAAGAACACGGAACAGAGATCATCCGG	Hs.43666	9495	0.5116875	0.48232602	0.073687049						0.190175	0.25520796	0.38052905						
PTP4A3	AK128380_bp2335_R	AGCTAAAAAGATGATCTCTGTTCCTGTTCTCTCTTGAAGAACACGGAACAGAGATCATCCGG	Hs.43666	14871	0.5658375	0.4032856	0.038176285						0.202175	0.2770804	0.360987297						
PTP4A3	AK128380_bp2464_R	AGCTAAAAGACCCCGGTGCTGCGTTATGTATCTCTTGAATACATAACGCAGCACCGGGTCGG	Hs.43666	4121	-0.7501								-0.37745	0.0577123	0.081831065						
PTP4A3	AK128380_bp2464_R	AGCTAAAAGACCCCGGTGCTGCGTTATGTATCTCTTGAATACATAACGCAGCACCGGGTCGG	Hs.43666	9497	-0.983125	0.20460135	0.029045268						-0.420475	0.10215822	0.061396324						
PTP4A3	AK128380_bp2464_R	AGCTAAAAGACCCCGGTGCTGCGTTATGTATCTCTTGAATACATAACGCAGCACCGGGTCGG	Hs.43666	14873	-0.8809								-0.37795	0.04840527	0.081079673						
PTPLA	AY455942_bp293_R	AGCTAAAAGTGGTTGGTTCTAGCTATTGTCTCTTGAACAATAGCTAGAACCAACCACCGG	Hs.11462	4225	3.874875	2.02233428	0.004480252	1.521325	0.67347757	0.005448093	2.656366667	3.12383228	0.068544884								
PTPLA	AY455942_bp293_R	AGCTAAAAGTGGTTGGTTCTAGCTATTGTCTCTTGAACAATAGCTAGAACCAACCACCGG	Hs.11462	9601	3.968375	2.02738664	0.004088008	1.571975	0.53785998	0.00235823	2.678466667	3.0749505	0.063997617								
PTPLA	AY455942_bp293_R	AGCTAAAAGTGGTTGGTTCTAGCTATTGTCTCTTGAACAATAGCTAGAACCAACCACCGG	Hs.11462	14977	3.88645	1.96003432	0.003882471	1.542275	0.547348	0.002688783	2.817566667	3.04572918	0.053410353								
PTPLA	AY455942_bp756_R	AGCTAAAAGGCTCATTACTCACAGTATAATCTCTTGAATTATACTGTGAGTAATGAGCCGG	Hs.11462	4227	1.466466667	0.48657931	0.004374947	1.897175	0.93351423	0.006890522	-1.0787	1.62463848	0.146733759								
PTPLA	AY455942_bp756_R	AGCTAAAAGGCTCATTACTCACAGTATAATCTCTTGAATTATACTGTGAGTAATGAGCCGG	Hs.11462	9603	1.195825	0.37382519	0.001615731	1.58485	0.74438136	0.042842682	-0.56185	1.22987083	0.348159653								
PTPLA	AY455942_bp756_R	AGCTAAAAGGCTCATTACTCACAGTATAATCTCTTGAATTATACTGTGAGTAATGAGCCGG	Hs.11462	14979	1.5436	0.45776102	0.000880636	1.79485	1.15275238	0.012787926	-1.28846667	1.35665947	0.06513762								
PTPLA	AY455942_bp979_R	AGCTAAAAGCATCTTAGATCCGTAATATATCTCTTGAATATATTACGGATCTAAGATGCGG	Hs.11462	4229	-0.326425	0.59192422	0.269270149	-0.233025	0.3556498	0.289696335	-0.42516667	0.65921058	0.252683227								
PTPLA	AY455942_bp979_R	AGCTAAAAGCATCTTAGATCCGTAATATATCTCTTGAATATATTACGGATCTAAGATGCGG	Hs.11462	9605	-0.27565	0.6274193	0.361929761	-0.4876	0.33767085	0.054572601	-0.2719	0.57052871	0.416055663								
PTPLA	AY455942_bp979_R	AGCTAAAAGCATCTTAGATCCGTAATATATCTCTTGAATATATTACGGATCTAAGATGCGG	Hs.11462	14981	-0.058775	0.59593155	0.832756854	0.02765	0.08577205	0.919524032	-0.2814	0.70991619	0.448942551								
PTPN1	NM_002827_bp222_R	AGCTAAAAGGCGGGCCATTTACCAGGATATTTCTCTTGAAATATCCTGGTAAATGGCCGCCCGG	Hs.41549	3420	0.2473	0.95372138	0.5899847						0.197525	0.58496335	0.496388788						
PTPN1	NM_002827_bp222_R	AGCTAAAAGGCGGGCCATTTACCAGGATATTTCTCTTGAAATATCCTGGTAAATGGCCGCCCGG	Hs.41549	8796	0.5005	0.33542175	0.080854219						0.503525	0.9100583	0.218103048						
PTPN1	NM_002827_bp222_R	AGCTAAAAGGCGGGCCATTTACCAGGATATTTCTCTTGAAATATCCTGGTAAATGGCCGCCCGG	Hs.41549	14172	-0.135166667	0.42117256	0.602352373						0.210675	0.26189008	0.337156077						
PTPN1	NM_002827_bp253_R	AGCTAAAAGCCAGTGACTTCCCATGTAGATCTCTTGAATCTACATGGGAAGTCACTGGCGGG	Hs.41549	3424	2.118433333	0.56633037	0.001716752						-0.28125	0.43202105	0.27674805						
PTPN1	NM_002827_bp253_R	AGCTAAAAGCCAGTGACTTCCCATGTAGATCTCTTGAATCTACATGGGAAGTCACTGGCGGG	Hs.41549	8800	2.1679	0.49658839	0.001149126						-0.3071	0.4603986	0.250780799						
PTPN1	NM_002827_bp253_R	AGCTAAAAGCCAGTGACTTCCCATGTAGATCTCTTGAATCTACATGGGAAGTCACTGGCGGG	Hs.41549	14176	2.394	1.03115534	0.006037507						-0.14975	0.40384742	0.537444275						
PTPN1	NM_002827_bp842_R	AGCTAAAAGAACCTTCTGTCGGCTGATATCTCTTGAATATCAGCCAGACAGAAGGTTCGG	Hs.41549	3422	0.135775	0.32310167	0.484135689						-0.121825	0.36504281	0.601199464						
PTPN1	NM_002827_bp842_R	AGCTAAAAGAACCTTCTGTCGGCTGATATCTCTTGAATATCAGCCAGACAGAAGGTTCGG	Hs.41549	8798	0.277925	0.36822695	0.207932286						-0.0854	0.44122476	0.731368109						
PTPN1	NM_002827_bp842_R	AGCTAAAAGAACCTTCTGTCGGCTGATATCTCTTGAATATCAGCCAGACAGAAGGTTCGG	Hs.41549	14174	0.514175	0.31861255	0.034515404						-0.224575	0.27202357	0.311679645						
PTPN11	NM_002834_bp1996_R	AGCTAAAAGGCACGAATATACAAATATATCTCTTGAATAATATTGTATATTCGTGCCGG	Hs.506852	1024	-0.2205875	0.15404397	0.181830402						0.0305625	0.17310705	0.877496217						
PTPN11	NM_002834_bp1996_R	AGCTAAAAGGCACGAATATACAAATATATCTCTTGAATAATATTGTATATTCGTGCCGG	Hs.506852	6400	-0.3096375	0.36354522	0.165759488						-0.030152	0.13189804	0.87704398						
PTPN11	NM_002834_bp1996_R	AGCTAAAAGGCACGAATATACAAATATATCTCTTGAATAATATTGTATATTCGTGCCGG	Hs.506852	11776	0.1841175	0.29394654	0.340800697						0.1416875	0.36675367	0.616194166						
PTPN11	NM_002834_bp391_R	AGCTAAAAGGAGATGGTTTCACCCAAATATCTCTTGAATATTTGGGTGAAACCATCTCCGG	Hs.506852	1952	-0.3344625	0.21765629	0.082220793						-0.1340375	0.08386379	0.490102107						
PTPN11	NM_002834_bp391_R	AGCTAAAAGGAGATGGTTTCACCCAAATATCTCTTGAATATTTGGGTGAAACCATCTCCGG	Hs.506852	7328	-0.3592125	0.25797901	0.078992031						-0.1239125	0.26782643	0.564053439						
PTPN11	NM_002834_bp391_R	AGCTAAAAGGAGATGGTTTCACCCAAATATCTCTTGAATATTTGGGTGAAACCATCTCCGG	Hs.506852	12704	-0.2151625	0.47793339	0.383818686						-0.1885875	0.15056601	0.353397725						
PTPN11	NM_002834_bp657_R	AGCTAAAAGGAGATGTCATTGAGCTTAAATCTCTTGAATTTAAGCTCAATGACATCTCCGG	Hs.506852	1954	0.7449375	0.28257941	0.006970733						-0.6183875	0.80565151	0.113928297						
PTPN11	NM_002834_bp657_R	AGCTAAAAGGAGATGTCATTGAGCTTAAATCTCTTGAATTTAAGCTCAATGACATCTCCGG	Hs.506852	7330	0.7941875	0.39108804	0.010347567						-0.6624375	0.95757345	0.132263598						
PTPN11	NM_002834_bp657_R	AGCTAAAAGGAGATGTCATTGAGCTTAAATCTCTTGAATTTAAGCTCAATGACATCTCCGG	Hs.506852	12706	0.6906125	0.33768814	0.013111038						-0.7062125	0.72836552	0.064052555						
PTPN7	AK127214_bp2445_R	AGCTAAAAGGAGCTGGCATTTATGACAGATCTCTTGAATCTGTCATAAATGCCAGCTCCGG	Hs.402773	4019	-0.5625875	0.37647824	0.034094843						-0.1588	0.41823685	0.519522303						
PTPN7	AK127214_bp2445_R	AGCTAAAAGGAGCTGGCATTTATGACAGATCTCTTGAATCTGTCATAAATGCCAGCTCCGG	Hs.402773	9395	-0.3704375	0.52929663	0.186372635						-0.140275	0.42204103	0.569239124						
PTPN7	AK127214_bp2445_R	AGCTAAAAGGAGCTGGCATTTATGACAGATCTCTTGAATCTGTCATAAATGCCAGCTCCGG	Hs.402773	14771	-0.3496375	0.52978922	0.208380607						0.348425	1.09511566	0.442644093						
PTPN7	AK127214_bp2704_R	AGCTAAAAGGAGCTCCTGATCCCAAGTCTCATCTCTTGAATGAGACTTGGGATCAGGACCGG	Hs.402773	4021	0.7570375	0.15724083	0.004362992						0.01405	0.31608386	0.949180694						
PTPN7	AK127214_bp2704_R	AGCTAAAAGGAGCTCCTGATCCCAAGTCTCATCTCTTGAATGAGACTTGGGATCAGGACCGG	Hs.402773	9397	0.7459625	0.28102917	0.006866264						0.028725	0.29284069	0.894319309						
PTPN7	AK127214_bp2704_R	AGCTAAAAGGAGCTCCTGATCCCAAGTCTCATCTCTTGAATGAGACTTGGGATCAGGACCGG	Hs.402773	14773	0.7459125	0.24223262	0.005432928						0.186675	0.41971512	0.452610496						
PTPN7	AK127214_bp394_R	AGCTAAAAGGCCCTTTCCTTCCACATTGTGTCTCTTGAACACAATGTGAAGGAAAGGGCCGG	Hs.402773	4017	-0.3846125	0.38326962	0.107746173						-0.032325	0.43536304	0.895569534						
PTPN7	AK127214_bp394_R	AGCTAAAAGGCCCTTTCCTTCCACATTGTGTCTCTTGAACACAATGTGAAGGAAAGGGCCGG	Hs.402773	9393	-0.2603666667	0.32812707	0.290051644						-0.084525	0.35283927	0.71217172						
PTPN7	AK127214_bp394_R	AGCTAAAAGGCCCTTTCCTTCCACATTGTGTCTCTTGAACACAATGTGAAGGAAAGGGCCGG	Hs.402773	14769	-0.3715625	0.36060981	0.107972703						-0.0361	0.42588496	0.882423789						
PTPRK	NM_002844_bp2819_R	AGCTAAAAGGCCATCAGGGTAGCTGATTTATCTCTTGAATAAATCAGCTACCCTGATGGCGG	Hs.155919	3428	-0.037933333	0.10151933	0.836155087						-0.401575	0.76110244	0.258404569						
PTPRK	NM_002844_bp2819_R	AGCTAAAAGGCCATCAGGGTAGCTGATTTATCTCTTGAATAAATCAGCTACCCTGATGGCGG	Hs.155919	8804	-0.0516	0.51101107	0.856052315						-0.44855	0.75791854	0.211411135						
PTPRK	NM_002844_bp2819_R	AGCTAAAAGGCCATCAGGGTAGCTGATTTATCTCTTGAATAAATCAGCTACCCTGATGGCGG	Hs.155919	14180	-0.527466667	0.4022731	0.086903313						-0.453825	0.83473528	0.234395687						
PTPRK	NM_002844_bp3450_R	AGCTAAAAGGCCCCATCGTTGTACATTGCATCTCTTGAATGCAATGTACAACGATGGGGCGG	Hs.155919	3430	0.254375	0.26377929	0.182968036						0.315525	1.22478848	0.523259862						
PTPRK	NM_002844_bp3450_R	AGCTAAAAGGCCCCATCGTTGTACATTGCATCTCTTGAATGCAATGTACAACGATGGGGCGG	Hs.155919	8806	0.268075	0.41610687	0.250574833						0.01785	1.14170647	0.968888176						
PTPRK	NM_002844_bp3450_R	AGCTAAAAGGCCCCATCGTTGTACATTGCATCTCTTGAATGCAATGTACAACGATGGGGCGG	Hs.155919	14182	0.08205	0.37885292	0.691953602						0.092975	1.17095073	0.842594943						
PTPRK	NM_002844_bp436_R	AGCTAAAAGGCCCAAGGTTCCTATATGATTCTCTTGAATCATATAGGAACCTTGGGGCCGG	Hs.155919	3426	-0.6175	0.3063941	0.016811811						0.448	0.43056996	0.104682463						
PTPRK	NM_002844_bp436_R	AGCTAAAAGGCCCAAGGTTCCTATATGATTCTCTTGAATCATATAGGAACCTTGGGGCCGG	Hs.155919	8802	-0.50445	0.4270985	0.061092527						0.446275	0.535212	0.136491811						
PTPRK	NM_002844_bp436_R	AGCTAAAAGGCCCAAGGTTCCTATATGATTCTCTTGAATCATATAGGAACCTTGGGGCCGG	Hs.155919	14178	-0.651575	0.32984177	0.01566965						0.608125	0.38706708	0.035283528						
PX19	AK092842_bp1481_R	AGCTAAAAGTGGTAGACTGGCTACACAATCTCTTGAATGTGTGAGCCAGTCTACCACCGG	Hs.27929	4674	0.1403375	0.15828997	0.371586115	-0.6931875	0.44616756	0.0307754					0.2454	0.42463945	0.33145283	0.419775	0.81476776	0.37861545
PX19	AK092842_bp1481_R	AGCTAAAAGGTGGTAGACTGGCTACACAATCTCTTGAATTGTGTAGCCAGTCTACCACCGG	Hs.27929	10050	0.1082625	0.19985083	0.50445945	-0.5984375	0.28640472	0.021902915					0.218525	0.47059123	0.421536125	0.399225	0.81640238	0.400195185
PX19	AK092842_bp1481_R	AGCTAAAAGGTGGTAGACTGGCTACACAATCTCTTGAATGTGTAGCCAGTCTACCACCGG	Hs.27929	15426	0.1965375	0.18308589	0.239860556	-0.3781375	0.33429742	0.102535588					0.1958	0.48137097	0.475493128	0.34055	0.82439382	0.4692754
PX19	AK092842_bp861_R	AGCTAAAAGTCCATAGTCTTGCCTAATGATCTCTTGAATCATTAGGCAAGACTATGGACGG	Hs.27929	4672	0.9255125	0.28732227	0.002847783	-0.2197375	0.50502431	0.412141188					0.11405	0.39055213	0.51417358	0.891625	0.663578	0.07458328
PX19	AK092842_bp861_R	AGCTAAAAGTCCATAGTCTTGCCTAATGATCTCTTGAATCATTAGGCAAGACTATGGACGG	Hs.27929	10048	0.9313875	0.25290307	0.002217934	-0.1659625	0.38005552	0.452290587					0.1986	0.39212448	0.385684626	0.88275	0.65796625	0.074840724
PX19	AK092842_bp861_R	AGCTAAAAGTCCATAGTCTTGCCTAATGATCTCTTGAATCATTAGGCAAGACTATGGACGG	Hs.27929	15424	1.2147125	0.30896406	0.000967457	-0.0539875	0.44967443	0.820474643					0.23955	0.39461953	0.315572387	0.87725	0.612391662	0.064313141
PX19	AK092842_bp991_R	AGCTAAAAGGCTGTTCTGTCTCCACTTCATCCTCTTGAATGAAGTGGAGACAGAACAGCCGG	Hs.27929	4676	-0.4299125	0.45274441	0.10504248	0.2956125	0.31236988	0.170675914					0.699625	0.29626884	0.017982182	0.855175	0.56324945	0.056018716
PX19	AK092842_bp991_R	AGCTAAAAGGCTGTTCTGTCTCCACTTCATCCTCTTGAATGAAGTGGAGACAGAACAGCCGG	Hs.27929	10052	-0.4433625	0.50413998	0.116396025	0.3171375	0.44089928	0.217871165					0.618	0.2218463	0.011412076	0.9604	0.4512252	0.028175651
PX19	AK092842_bp991_R	AGCTAAAAGGCTGTTCTGTCTCCACTTCATCCTCTTGAATGAAGTGGAGACAGAACAGCCGG	Hs.27929	15428	-0.3906875	0.49270423	0.150337341	0.3653125	0.35222331	0.127322091					0.60075	0.30880637	0.030105505	0.8622	0.44791705	0.03094403
PXK	NM_017771_bp245_R	AGCTAAAAGACGGCAGATGTTGTAGAAGATTCCTTGAAATCTTCTAACAATCTGCCAGCGG	Hs.190544	5193	-0.8299375	0.91114225	0.077801455	-0.2593125	0.30618759	0.214812536											
PXK	NM_017771_bp245_R	AGCTAAAAGACGGCAGATGTTGTAGAAGATTCCTTGAAATCTTCTAACAATCTGCCAGCGG	Hs.190544	10569	-0.2279875	0.29778661	0.244913349	-0.1807625	0.24451014	0.32405203											
PXK	NM_017771_bp245_R	AGCTAAAAGACGGCAGATGTTGTAGAAGATTCCTTGAAATCTTCTAACAATCTGCCAGCGG	Hs.190544	15945	-1.2672625	2.1480671	0.191858247	-0.0752625	0.2758719	0.680693793											
PXK	NM_017771_bp655_R	AGCTAAAAGACAAGTATTTGTCAGATAAATCTCTTGAATTTATCTGACAAAATCTTGTCGG	Hs.190544	5195	-1.3870875	1.88829985	0.120143057	0.473625	0.29681865	0.049007802											
PXK	NM_017771_bp655_R	AGCTAAAAGACAAGTATTTGTCAGATAAATCTCTTGAATTTATCTGACAAAATCTTGTCGG	Hs.190544	10571	-0.0816375	1.01114315	0.850646537	0.5313625	0.30535375	0.035864035											
PXK	NM_017771_bp655_R	AGCTAAAAGACAAGTATTTGTCAGATAAATCTCTTGAATTTATCTGACAAAATCTTGTCGG	Hs.190544	15947	-0.6898875	1.97740957	0.41429818	0.5696875	0.37571563	0.040833568											
PXK	NM_017771_bp904_R	AGCTAAAAGGACGGCAAATATTAGAGGTATCTCTTGAATACCCTCTAATATTTGCCGTCCGG	Hs.190544	5197	-0.9282625	1.69454133	0.223104843	-0.2726625	0.60253392	0.376180019											
PXK	NM_017771_bp904_R	AGCTAAAAGGACGGCAAATATTAGAGGTATCTCTTGAATACCCTCTAATATTTGCCGTCCGG	Hs.190544	10573	-0.3795625	0.56517667	0.195052769	-0.2140125	0.66608943	0.481498911											
PXK	NM_017771_bp904_R	AGCTAAAAGGACGGCAAATATTAGAGGTATCTCTTGAATACCCTCTAATATTTGCCGTCCGG	Hs.190544	15949	-1.6997875	2.42323614	0.132082889	-0.1670375	0.67847465	0.610686226											
PYHIN1	BC073133_bp1244_R	AGCTAAAAGACGACAATCTATGAAATTCATCTCTTGAATGAATTTCATAGATTGTCGTCGG	Hs.380250	4271	0.334525	0.39162264	0.153639971	-0.077175	0.16933742	0.623048268	0.481733333	0.78743135	0.242780058								
PYHIN1	BC073133_bp1244_R	AGCTAAAAGACGACAATCTATGAAATTCATCTCTTGAATGAATTTCATAGATTGTCGTCGG	Hs.380250	15023	0.21285	0.55790215	0.43592321	-0.4719	0.17988524	0.028505965	-0.28753333	0.79616221	0.468401602								
PYHIN1	BC073133_bp1244_R	AGCTAAAAGACGACAATCTATGAAATTCATCTCTTGAATGAATTTCATAGATTGTCGTCGG	Hs.380250	9647	0.282733333	0.79845432	0.482358118	-0.02615	0.05126524	0.923276516	0.37795	0.7959901	0.415239125								
PYHIN1	BC073133_bp452_R	AGCTAAAAGAGACCTTGCTGAAACTCTATCTTCTGAATAAGAGTTTCAGCAAGGTTCTCGG	Hs.380250	4297	-0.353075	0.55960711	0.220064223	-0.9454	0.5192178	0.015251934	0.372233333	2.48684422	0.704716858								
PYHIN1	BC073133_bp452_R	AGCTAAAAGAGACCTTGCTGAAACTCTATCTTCTGAATAAGAGTTTCAGCAAGGTTCTCGG	Hs.380250	9673	-0.353775	0.58003769	0.229872855	-0.853275	0.42914484	0.013739678	0.6484	2.15828352	0.460999056								
PYHIN1	BC073133_bp452_R	AGCTAAAAGAGACCTTGCTGAAACTCTATCTTCTGAATAAGAGTTTCAGCAAGGTTCTCGG	Hs.380250	15049	-0.1488	0.80926759	0.678619428	-0.81785	0.52332973	0.111910761	0.569566667	2.1541776	0.513862966								
PYHIN1	BC073133_bp861_R	AGCTAAAAGCACGTATGGTATCTCTTGAATACCATCGCGATTATTGGGTCTCGG	Hs.380250	15051	-0.453766667	0.22851664	0.076198366	-0.9882	0.29825764	0.051024344	0.14655	0.35150378	0.683292647								
PYHIN1	BC073133_bp861_R	AGCTAAAAGCACGTATGGTATCTCTTGAATACCATCGCGATTATTGGGTCTCGG	Hs.380250	4299	-0.652066667	0.19600054	0.024195367	-1.18365	0.4243236	0.003817672	0.12225	0.42914311	0.740754682								
PYHIN1	BC073133_bp861_R	AGCTAAAAGCACGTATGGTATCTCTTGAATACCATCGCGATTATTGGGTCTCGG	Hs.380250	9675	-0.408433333	0.32476278	0.127332227						-0.314								
QPCT	BC047756_bp274_R	AGCTAAAAGGCACCAGTATCTCTGAAATGTCTTTGAACATTTCAGAGATACTGGTGCCGG	Hs.79033	4420	0.355475	0.3500097	0.115839948	0.271625	0.27509087	0.179679655	0.667733333	0.50074635	0.069248361								
QPCT	BC047756_bp274_R	AGCTAAAAGGCACCAGTATCTCTGAAATGTCTTTGAACATTTCAGAGATACTGGTGCCGG	Hs.79033	9796	0.4262	0.48126571	0.11859152	0.151925	0.38679555	0.493394583	1.4622	0.57287583	0.004874218								
QPCT	BC047756_bp274_R	AGCTAAAAGGCACCAGTATCTCTGAAATGTCTTTGAACATTTCAGAGATACTGGTGCCGG	Hs.79033	15172	0.353675	0.44938072	0.163263183	-0.2257	0.35416265	0.302256231	1.51415	1.02834539	0.032331651								
QPCT	BC047756_bp446_R	AGCTAAAAGGTCACCGTCTTTCT

RABGAP1L	AB007940_bp925_R	AGCTAAAAGGCAGATGTGTTGAATAAAGATCTCTTGAATCTTTATTCAACACATCTGCCGG	Hs.585378	14299	0.423025	0.48867118	0.123772054					0.4340375	0.22367578	0.068619576									
RAC1	NM_198829_bp1937_R	AGCTAAAAAGTGCTTTCCATGTTACTTTATTCTCTTGAAATAAAGTAACATGGAAAGCACGG	Hs.413812	1022	-0.4304375	0.09932555	0.024142259					0.1431375	0.15565427	0.475474195									
RAC1	NM_198829_bp1937_R	AGCTAAAAAGTGCTTTCCATGTTACTTTATTCTCTTGAAATAAAGTAACATGGAAAGCACGG	Hs.413812	6398	-0.4773625	0.08192093	0.015703566					0.1332125	0.12663646	0.499440128									
RAC1	NM_198829_bp1937_R	AGCTAAAAGTGCTTTCCATGTTACTTTATTCTCTTGAAATAAAGTAACATGGAAAGCACGG	Hs.413812	11774	-0.4988625	0.09224111	0.013654262					0.1427875	0.07873981	0.462780214									
RAC1	NM_198829_bp20_R	AGCTAAAAAGAGCGGCCATTTCCTGTTTCTTCTCTTGAAAGAAACAGGAAATGGCCGCTCGG	Hs.413812	1950	-1.1770125	0.30085529	0.001057986					-0.5543625	0.25136365	0.033201884									
RAC1	NM_198829_bp20_R	AGCTAAAAAGAGCGGCCATTTCCTGTTTCTTCTCTTGAAAGAAACAGGAAATGGCCGCTCGG	Hs.413812	7326	-0.9856625	0.49179721	0.007763952					-0.5700375	0.50561621	0.064410355									
RAC1	NM_198829_bp20_R	AGCTAAAAAGAGCGGCCATTTCCTGTTTCTTCTCTTGAAAGAAACAGGAAATGGCCGCTCGG	Hs.413812	12702	-1.0134125	0.52309788	0.008261246					-0.5834625	0.26386474	0.027579978									
RAC1	NM_198829_bp2221_R	AGCTAAAAAGACGATGTTCTGTACAACTTATCTCTTGAATAAGTTGTACAGAACATCGTCGG	Hs.413812	1023	-0.4127875	0.28606982	0.059548024					0.3765625	0.21978354	0.102347947									
RAC1	NM_198829_bp2221_R	AGCTAAAAAGACGATGTTCTGTACAACTTATCTCTTGAATAAGTTGTACAGAACATCGTCGG	Hs.413812	6399	-0.3494625	0.24201343	0.08001143					0.5010875	0.32413552	0.056300409									
RAC1	NM_198829_bp2221_R	AGCTAAAAAGACGATGTTCTGTACAACTTATCTCTTGAATAAGTTGTACAGAACATCGTCGG	Hs.413812	11775	-0.3252125	0.24794611	0.099180774					0.5646125	0.28420354	0.033149537									
RAC2	AK096924_bp1076_R	AGCTAAAAAGGCCCTCATTTCTTGATCTTATCTCTTGAATAAGATCAAGAAATGAGGGCCGG	Hs.517601	4990	-0.5322625	0.27843769	0.024901844	-0.1226625	0.51301926	0.641507949													
RAC2	AK096924_bp1076_R	AGCTAAAAAGGCCCTCATTTCTTGATCTTATCTCTTGAATAAGATCAAGAAATGAGGGCCGG	Hs.517601	10366	-0.6148375	0.30644316	0.017098223	-0.2381375	0.41425626	0.319203626													
RAC2	AK096924_bp1076_R	AGCTAAAAAGGCCCTCATTTCTTGATCTTATCTCTTGAATAAGATCAAGAAATGAGGGCCGG	Hs.517601	15742	-0.5090125	0.24633739	0.024732714	-0.1208125	0.42718827	0.604227491													
RAC2	AK096924_bp1419_R	AGCTAAAAAGGTCCTGTCCCTTATATACAAATCTCTGAATTTGTATATAAGGACAGGACCGG	Hs.517601	4992	-0.0002125	0.27577724	0.999037374	-0.5167625	0.5828636	0.121010115													
RAC2	AK096924_bp1419_R	AGCTAAAAAGGTCCTGTCCCTTATATACAAATCTCTGAATTTGTATATAAGGACAGGACCGG	Hs.517601	10368	-0.033116667	0.30553236	0.88769315	0.1734	0.97693873	0.756301918													
RAC2	AK096924_bp1419_R	AGCTAAAAAGGTCCTGTCCCTTATATACAAATCTCTGAATTTGTATATAAGGACAGGACCGG	Hs.517601	15744	-0.0991875	0.25358291	0.567736717	-0.2932875	1.10528966	0.562414168													
RAC2	AK096924_bp2050_R	AGCTAAAAGCACCTTGTTTAATACTCTGATCTCTTGAATCAGAGTATTAAACAAGGTGCGG	Hs.517601	4993	-0.6467375	0.23630477	0.009437652	-0.3477875	0.36041559	0.142255152													
RAC2	AK096924_bp2050_R	AGCTAAAAGCACCTTGTTTAATACTCTGATCTCTTGAATCAGAGTATTAAACAAGGTGCGG	Hs.517601	10369	-0.4326875	0.18491079	0.032584961	-0.2339625	0.25752664	0.225052725													
RAC2	AK096924_bp2050_R	AGCTAAAAGCACCTTGTTTAATACTCTGATCTCTTGAATCAGAGTATTAAACAAGGTGCGG	Hs.517601	15745	-0.2286125	0.18474679	0.182274739	-0.1827125	0.10347256	0.242284467													
RAD18	NM_020165_bp1009_R	AGCTAAAAGGATGCGTCTTGAAGCTAGTATCTCTTGAATACTAGCTTCAAGACGCATCCGG	Hs.375684	3511								-0.0731											
RAD18	NM_020165_bp1009_R	AGCTAAAAGGATGCGTCTTGAAGCTAGTATCTCTTGAATACTAGCTTCAAGACGCATCCGG	Hs.375684	8887								-0.0245											
RAD18	NM_020165_bp1009_R	AGCTAAAAGGATGCGTCTTGAAGCTAGTATCTCTTGAATACTAGCTTCAAGACGCATCCGG	Hs.375684	14263	0.61785							-0.1141											
RAD18	NM_020165_bp699_R	AGCTAAAAAGGGGTTAACATTCCAGAAAGTTCTCTGAAACATTCTTCGGAATGTTAACCCCGG	Hs.375684	3509	0.13635	0.2406982	0.431115418					-0.2642375	0.24323194	0.232590069									
RAD18	NM_020165_bp699_R	AGCTAAAAAGGGGTTAACATTCCAGAAAGTTCTCTGAAACATTCTTCGGAATGTTAACCCCGG	Hs.375684	8885	1.031775	1.30859983	0.103524319					-0.2475125	0.31841994	0.286686208									
RAD18	NM_020165_bp699_R	AGCTAAAAAGGGGTTAACATTCCAGAAAGTTCTCTGAAACATTCTTCGGAATGTTAACCCCGG	Hs.375684	14261	0.285225	0.51377405	0.282591916					-0.2259375	0.09453457	0.262933546									
RAD18	NM_020165_bp861_R	AGCTAAAAGAGCATGGATTATCTATTCAATCTCTTGAATTGAATAGATAATCCATGCTCGG	Hs.375684	3513	-0.7053	0.29744138	0.009521914					0.3149375	0.22050577	0.158634591									
RAD18	NM_020165_bp861_R	AGCTAAAAGAGCATGGATTATCTATTCAATCTCTTGAATTGAATAGATAATCCATGCTCGG	Hs.375684	8889	-0.53345	0.37662998	0.040709694					0.2103625	0.55179191	0.456285602									
RAD18	NM_020165_bp861_R	AGCTAAAAGAGCATGGATTATCTATTCAATCTCTTGAATTGAATAGATAATCCATGCTCGG	Hs.375684	14265	-0.823275	0.34986198	0.006977596					0.1257875	0.17470076	0.532835934									
RAF1	NM_002880_bp1232_R	AGCTAAAAAGGCACGGAGATGTTGCAGTAATCTCTTGAATACTGCAACATCTCCGTGCCGG		7257																			
RAF1	NM_002880_bp1232_R	AGCTAAAAAGGCACGGAGATGTTGCAGTAATCTCTTGAATACTGCAACATCTCCGTGCCGG		12633																			
RAF1	NM_002880_bp1764_R	AGCTAAAAAGCTTCCCTTATTCTCACATCAATCTCTTGAATTGATGTGAGAATAAGGAAGCGG	Hs.159130	1883	-0.5132	0.14144137	0.0145921	0.0666375	0.2132118	0.688316224													
RAF1	NM_002880_bp1764_R	AGCTAAAAAGCTTCCCTTATTCTCACATCAATCTCTTGAATTGATGTGAGAATAAGGAAGCGG	Hs.159130	7259	-0.510725	0.19760053	0.019155449	0.0750375	0.18749097	0.640506795													
RAF1	NM_002880_bp1764_R	AGCTAAAAAGCTTCCCTTATTCTCACATCAATCTCTTGAATTGATGTGAGAATAAGGAAGCGG	Hs.159130	12635	-0.512275	0.1375199	0.014460675	0.0252875	0.23109363	0.881170522													
RAF1	NM_002880_bp206_R	AGCTAAAAAGCTGCATCTCTCCTACAATAGTCTCTTGAACTATTGTAGGAGAGATGCAGCGG	Hs.159130	289	-1.4075	0.54216983	0.002270947	0.5252125	0.31098417	0.038277318													
RAF1	NM_002880_bp206_R	AGCTAAAAAGCTGCATCTCTCCTACAATAGTCTCTTGAACTATTGTAGGAGAGATGCAGCGG	Hs.159130	5665	-1.1748	0.50691533	0.002838291	0.5439875	0.30821088	0.03374954													
RAF1	NM_002880_bp206_R	AGCTAAAAAGCTGCATCTCTCCTACAATAGTCTCTTGAACTATTGTAGGAGAGATGCAGCGG	Hs.159130	11041	-1.466925	0.51553689	0.001606323	0.5049875	0.27577252	0.036358191													
RAFTLIN	NM_015150_bp1393_R	AGCTAAAAGATGCTATTGTGGTTGAACAATCCTTGAATTGTTCAACCACAATAGCATCGG	Hs.98910	3306	-0.021575	0.50681163	0.930345604					0.1622875	0.60412622	0.5806312	0.329075	0.70778294	0.421026374	1.274625	0.45980974	0.011569254			
RAFTLIN	NM_015150_bp1393_R	AGCTAAAAGATGCTATTGTGGTTGAACAATCCTTGAATTGTTCAACCACAATAGCATCGG	Hs.98910	8682	0.09405	0.50824706	0.70578766					0.3213625	0.63707014	0.305232168	0.391975	0.70931233	0.349738008	1.136325	0.3311124	0.003972646			
RAFTLIN	NM_015150_bp1393_R	AGCTAAAAGATGCTATTGTGGTTGAACAATCCTTGAATTGTTCAACCACAATAGCATCGG	Hs.98910	14058	0.0919	0.50865117	0.712265842					0.2751625	0.4808467	0.307026041	0.41085	0.66464527	0.304316925	1.3557	0.39132202	0.006163804			
RAFTLIN	NM_015150_bp326_R	AGCTAAAAAGGCCTGGGAATATTTATTCAATCTCTTGAATTGAATAAATATTCCCAGGCCGG	Hs.98910	3304	-0.34805	0.26102551	0.087155428					0.0515625	0.20372647	0.799006072	0.216425	0.6323188	0.54277436	0.377775	0.39348883	0.150618302			
RAFTLIN	NM_015150_bp326_R	AGCTAAAAAGGCCTGGGAATATTTATTCAATCTCTTGAATTGAATAAATATTCCCAGGCCGG	Hs.98910	8680	-0.3745	0.4009716	0.122990056					0.1670625	0.10519841	0.398194038	0.282225	0.58519898	0.409924682	0.298025	0.37302595	0.208359436			
RAFTLIN	NM_015150_bp326_R	AGCTAAAAAGGCCTGGGAATATTTATTCAATCTCTTGAATTGAATAAATATTCCCAGGCCGG	Hs.98910	14056	-0.625025	0.15373843	0.007027936					-0.1211375	0.40817534	0.617291189	0.26865	0.57788709	0.421074688	0.3232	0.4196768	0.221145517			
RAFTLIN	NM_015150_bp640_R	AGCTAAAAGAAGGCTACATCTTGGAATTATCTCTTGAATAATTCCAAGATGTAGCCTTCGG	Hs.98910	3302	-0.30685	0.20302987	0.098156366					0.0573375	0.10677974	0.765752941	0.6787	0.14782916	0.002731418	0.4974	0.70982728	0.255612958			
RAFTLIN	NM_015150_bp640_R	AGCTAAAAGAAGGCTACATCTTGGAATTATCTCTTGAATAATTCCAAGATGTAGCCTTCGG	Hs.98910	8678	-0.087625	0.27339153	0.622222158					-0.1126875	0.44207063	0.652040026	0.7017	0.19954467	0.005906197	0.503775	0.74289864	0.268069851			
RAFTLIN	NM_015150_bp640_R	AGCTAAAAGAAGGCTACATCTTGGAATATTCTCTTGAATAATTCCAAGATGTAGCCTTCGG	Hs.98910	14054	-0.263425	0.22492125	0.151592016					0.2609125	0.5471844	0.359461915	0.60735	0.16411245	0.00510107	0.585475	0.72180056	0.203200816			
RAGE	NM_014226_bp1069_R	AGCTAAAAAGCACCCCTACTTCCAAGAACATTCTCTTGAATGTTCTTGGAAGTAGGGGTGCGG	Hs.104119	450	-0.156433333	1.00397098	0.741082558	1.0426															
RAGE	NM_014226_bp1069_R	AGCTAAAAAGCACCCCTACTTCCAAGAACATTCTCTTGAATGTTCTTGGAAGTAGGGGTGCGG	Hs.104119	5826	1.079875	1.93617708	0.214304279	-0.7402	3.13517665	0.623735287													
RAGE	NM_014226_bp1069_R	AGCTAAAAAGCACCCCTACTTCCAAGAACATTCTCTTGAATGTTCTTGGAAGTAGGGGTGCGG	Hs.104119	11202	1.66845	3.10114137	0.224968146	-0.485033333	2.96661525	0.731737777													
RAGE	NM_014226_bp331_R	AGCTAAAAGAAGCAGCGCTTGAAAGTATTCTCTTGAAATCACTTTCAAAGCGCTGCTTCGG	Hs.104119	1580	0.313925	0.48858881	0.228498293	-0.7634	3.65327181	0.662747791													
RAGE	NM_014226_bp331_R	AGCTAAAAGAAGCAGCGCTTGAAAGTATTCTCTTGAATACTTTCAAAGCGCTGCTTCGG	Hs.104119	6956	0.2457	0.53025974	0.35717542	-1.263033333	4.69213961	0.576563245													
RAGE	NM_014226_bp331_R	AGCTAAAAGAAGCAGCGCTTGAAAGTATTCTCTTGAATACTTTCAAAGCGCTGCTTCGG	Hs.104119	12332	0.251675	0.4945753	0.325234701	-1.4614	4.94341049	0.541566387													
RAGE	NM_014226_bp956_R	AGCTAAAAGGATCAGGAATACCTTCACTATCTCTTGAATAGTAGAGGTATTTCCTGATCGGG	Hs.104119	1582																			
RAGE	NM_014226_bp956_R	AGCTAAAAGGATCAGGAATACCTTCACTATCTCTTGAATAGTAGAGGTATTTCCTGATCGGG	Hs.104119	6958																			
RAGE	NM_014226_bp956_R	AGCTAAAAGGATCAGGAATACCTTCACTATCTCTTGAATAGTAGAGGTATTTCCTGATCGGG	Hs.104119	12334																			
RAI17	NM_020338_bp1519_R	AGCTAAAAGGGAAGAAGTTCAGATAGATTCTCTTGAATAGTTACTGTAGCTGCTTCCCCGG	Hs.193118	8895	0.582533333	1.13836831	0.302508984					-0.6309	2.18368716	0.485867085									
RAI17	NM_020338_bp1519_R	AGCTAAAAGGGAAGCAGCTACAGTAACTATCTCTTGAATAGTTACTGTAGCTGCTTCCCGG	Hs.193118	14271	-0.031675	1.08509071	0.953530362					-0.83005	2.02536595	0.342351019									
RAI17	NM_020338_bp1519_R	AGCTAAAAGGGAAGCAGCTACAGTAACTATCTCTTGAATAGTTACTGTAGCTGCTTCCCGG	Hs.193118	3519	0.723166667	1.22784646	0.241926559					-2.2813											
RAI17	NM_020338_bp2545_R	AGCTAAAAGCCCATCAAGTCGGACTTACATCCTCTTGAATGTAAGTCCGACTTGATGGGCCGG	Hs.193118	3515	-0.311	0.80561409	0.398888664					1.76665	1.62726484	0.051468508									
RAI17	NM_020338_bp2545_R	AGCTAAAAGCCCATCAAGTCGGACTTACATCCTCTTGAATGTAAGTCCGACTTGATGGGCCGG	Hs.193118	8891	-0.40615	0.47959836	0.132187038					0.80385	1.24084298	0.170180947									
RAI17	NM_020338_bp2545_R	AGCTAAAAGCCCATCAAGTCGGACTTACATCCTCTTGAATGTAAGTCCGACTTGATGGGCCGG	Hs.193118	14267	-0.59195	0.75622729	0.121666692					-0.06705	0.53591623	0.862258103									
RAI17	NM_020338_bp2987_R	AGCTAAAAGCGGCCTCCATTACATCACAGTTCTCTTGAAACTGTGATGTAATGGAGGCCCGG	Hs.193118	3517	-0.98425	0.34400694	0.00314852					-0.4107375	0.49935919	0.152598218									
RAI17	NM_020338_bp2987_R	AGCTAAAAGCGGCCTCCATTACATCACAGTTCTCTTGAAACTGTGATGTAATGGAGGCCCGG	Hs.193118	8893	-0.964	0.29358457	0.00247919					-0.2669625	0.61080206	0.376678099									
RAI17	NM_020338_bp2987_R	AGCTAAAAGCGGCCTCCATTACATCACAGTTCTCTTGAAACTGTGATGTAATGGAGGCCCGG	Hs.193118	14269	-0.7549	0.25493326	0.005578412					-0.5349375	0.62776718	0.108484378									
RALB	AK127675_bp338_R	AGCTAAAAAGAAGGTATTCTAGAGTTTGTATCTCTTGAATCAAACACTAGAATACCTTCGG	Hs.469820	4069	-0.2130625	0.11948055	0.181312352					-0.13965	0.48763658	0.594176109									
RALB	AK127675_bp338_R	AGCTAAAAAGAAGGTATTCTAGAGTTTGTATCTCTTGAATCAAACACTAGAATACCTTCGG	Hs.469820	9445	-0.0553625	0.40777586	0.796845059					-0.10305	1.26440512	0.836651482									
RALB	AK127675_bp338_R	AGCTAAAAAGAAGGTATTCTAGAGTTTGTATCTCTTGAATCAAACACTAGAATACCTTCGG	Hs.469820	14821	-0.302083333	0.14014118	0.16166919					-0.447475	0.49861986	0.124355554									
RALB	AK127675_bp413_R	AGCTAAAAGGGGAAGAAGTTCAGATAGATTCTCTTGAAATCTATCTGAACTTCTTCCCCGG	Hs.469820	4065	-0.2055125	0.33507882	0.312448064					0.33455	0.55645522	0.2540831									
RALB	AK127675_bp413_R	AGCTAAAAGGGGAAGAAGTTCAGATAGATTCTCTTGAAATCTATCTGAACTTCTTCCCCGG	Hs.469820	9441	0.1510125	0.65417945	0.617732045					0.229633333	0.3140109	0.407324851									
RALB	AK127675_bp413_R	AGCTAAAAGGGGAAGAAGTTCAGATAGATTCTCTTGAAATCTATCTGAACTTCTTCCCCGG	Hs.469820	14817	-0.07525	0.31843311	0.739773976					0.1224	0.20900701	0.631115486									
RALB	AK127675_bp576_R	AGCTAAAAGTGTGAAGGCTGAAGAAGATATCTCTTGAATATCTTCTTCAGCCTTCACACGG	Hs.469820	4067	-0.0054625	0.40105551	0.979462001					-0.2331	0.06108557	0.245585418									
RALB	AK127675_bp576_R	AGCTAAAAGTGTGAAGGCTGAAGAAGATATCTCTTGAATATCTTCTTCAGCCTTCACACGG	Hs.469820	9443	0.0201875	0.3145851	0.913884812					-0.01925	0.10440346	0.919975756									
RALB	AK127675_bp576_R	AGCTAAAAGTGTGAAGGCTGAAGAAGATATCTCTTGAATATCTTCTTCAGCCTTCACACGG	Hs.469820	14819	0.0769125	0.38726482	0.713440857					-0.16065	0.21259772	0.441098839									
RALBP1	NM_006788_bp1005_R	AGCTAAAAGCCAGTTTGCTGAAGCAGATATTCCTTGAAATACTGCTTCAGCAAACTGGCGG	Hs.528993	5099	-0.3187875	0.21327387	0.092076728	-0.1889375	0.25907729	0.314253062													
RALBP1	NM_006788_bp1005_R	AGCTAAAAGCCAGTTTGCTGAAGCAGATATTCCTTGAAATACTGCTTCAGCAAACTGGCGG	Hs.528993	10475	-0.2670625	0.20734424	0.139416395	-0.1030125	0.17683845	0.528387862													
RALBP1	NM_006788_bp1005_R	AGCTAAAAGCCAGTTTGCTGAAGCAGATATTCCTTGAAATACTGCTTCAGCAAACTGGCGG	Hs.528993	15851	-0.2571875	0.23399757	0.163962843	-0.0728375	0.36932361	0.730267053													
RALBP1	NM_006788_bp1768_R	AGCTAAAAGAGCTGAGATTGCTGAATCTCTCTTGAAGAATTTCAGCAATCTCAGCTCGG	Hs.528993	5103	0.3014875	0.13677751	0.083251895	-0.1758125	0.46054691	0.479302941													
RALBP1	NM_006788_bp1768_R	AGCTAAAAGAGCTGAGATTGCTGAATCTCTCTTGAAGAATTTCAGCAATCTCAGCTCGG	Hs.528993	10479	0.3270875	0.1414934	0.067035901	-0.1163125	0.34714194	0.573317208													
RALBP1	NM_006788_bp1768_R	AGCTAAAAGAGCTGAGATTGCTGAATCTCTCTTGAAGAATTTCAGCAATCTCAGCTCGG	Hs.528993	15855	0.3394125	0.15899533	0.063771493	-0.0207625	0.38661254	0.923275491													
RALBP1	NM_006788_bp747_R	AGCTAAAAGTGCCTCAGATTGATGTTCCATCTCTTGAATGGAACATCAATCTGAGGCACGG	Hs.528993	5101	-0.1638125	0.13803246	0.294259861	-0.0721125	0.13073175	0.629963942													
RALBP1	NM_006788_bp747_R	AGCTAAAAGTGCCTCAGATTGATGTTCCATCTCTTGAATGGAACATCAATCTGAGGCACGG	Hs.528993	10477	0.0045125	0.40459356	0.983121005	-0.0589375	0.2377301	0.731654586													
RALBP1	NM_006788_bp747_R	AGCTAAAAGTGCCTCAGATTGATGTTCCATCTCTTGAATGGAACATCAATCTGAGGCACGG	Hs.528993	15853	0.2608625	0.34411544	0.218590907	-0.0050125	0.22245507	0.976022095													
RANBP2	NM_006267_bp2997_R	AGCTAAAAAGGGTGATGATTACTTTAATTATCTCTTGAATAATTAAAGTAATCATCACCCGG	Hs.590897	3100	1.656875	0.62623578	0.001778312					0.1802375	0.65078822	0.557973057	0.4699	0.59412654	0.211836977	0.18475	0.24445832	0.227840325			
RANBP2	NM_006267_bp2997_R	AGCTAAAAAGGGTGATGATTACTTTAATTATCTCTTGAATAATTAAAGTAATCATCACCCGG	Hs.590897	8476	1.52325	0.4496663	0.000887625					0.5490125	0.73408721	0.130721852	0.46475	0.67454593	0.263051978	0.22655	0.34054506	0.275443377			
RANBP2	NM_006267_bp2997_R	AGCTAAAAAGGGTGATGATTACTTTAATTATCTCTTGAATAATTAAAGTAATCATCACCCGG	Hs.590897	13852	1.848325	0.56291619	0.000745044					-0.3716375	0.60867698	0.231177056	0.411625	0.59671299	0.26154555	0.2037	0.3954691	0.37871465			
RANBP2	NM_006267_bp8980_R	AGCTAAAAGACGCGCGTGTTGGAGATATATCTCTTGAATATATCTCCAACACCGCGCTCGG	Hs.590897	3102	1.24375	0.52662906	0.003810325					0.5446625	0.3687027	0.4124	0.33251884	0.080323415	0.4138795	0.4472	0.41387956	0.324271191			
RANBP2	NM_006267_bp8980_R	AGCTAAAAGACGCGCGTGTTGGAGATATATCTCTTGAATATATCTCCAACACCGCGCTCGG	Hs.590897	8478	0.98735	0.11568634	0.000786685					0.7968125	0.42770914	0.014201769	0.42955	0.39081872	0.11536526	0.4465	0.45600479	0.6990918			
RANBP2	NM_006267_bp8980_R	AGCTAAAAGACGCGCGTGTTGGAGATATATCTCTTGAATATATCTCCAACACCGCGCTCGG	Hs.590897	13854	1.366275	0.39498969	0.001015594					0.0891125	0.42594059	0.71638096	0.426225	0.40732027	0.127433267	0.464425	0.50486026	0.163067726			
RANBP2	NM_006267_bp9359_R	AGCTAAAAGGCGGATAACTATGGAATTATTCTCTTGAAATAATTCCATAGTTATCCGCCGG	Hs.590897	3098	-0.275066667	0.38661386	0.296358207	-0.0187375	0.52390435	0.008375	0.57322148	0.978523701	0.099737	0.562904054	0.746418522								
RANBP2	NM_006267_bp9359_R	AGCTAAAAGGCGGATAACTATGGAATTATTCTCTTGAAATAATTCCATAGTTATCCGCCGG	Hs.590897	8474	-0.2265	0.62868315	0.015875177	-0.0589375	0.2377301	0.731654586		-0.4761875	0.25230654	0.054748363	-0.01125	0.38174007	0.956705852	0.11665	0.56859334	0.709063718			
RANBP2	NM_006267_bp9359_R	AGCTAAAAGGCGGATAACTATGGAATTATTCTCTTGAAATAATTCCATAGTTATCCGCCGG	Hs.590897	13850	-0.258733333	0.55628154	0.409799954					-0.4508125	0.27230192	0.068435544	-0.06605	0.3505877	0.731398095	0.144125	0.5687938	0.647213756			
RAP1A	NM_002884_bp409_R	AGCTAAAGACCCAACGATAGAAGATTCCTCTCTTGAAGGAATCTTCTATCGTTGGGTCCGG	Hs.190334	1021	1.5092375	0.36200853	0.000509384					0.5285125	0.56290391	0.094747151									
RAP1A	NM_002884_bp409_R	AGCTAAAGACCCAACGATAGAAGATTCCTCTCTTGAAGGAATCTTCTATCGTTGGGTCCGG	Hs.190334	6397	1.4926375	0.38832336	0.00064413					0.3992625	0.68220537	0.230372098									
RAP1A	NM_002884_bp409_R	AGCTAAAGACCCAACGATAGAAGATTCCTCTCTTGAAGGAATCTTCTATCGTTGGGTCCGG	Hs.190334	11773	1.4501625	0.25419769	0.000289009					0.5719375	0.51274524	0.065139703									
RAP1A	NM_002884_bp679_R	AGCTAAAAGCGGAGTAGTTGGCAAAGAGTCTCTGAACTTTGCCAACTACTCGCTCGG	Hs.190334	7324	1.7473375	0.49424318	0.000628356					-1.0622125	1.38547859	0.085716006									
RAP1A	NM_002884_bp679_R	AGCTAAAAGCGGAGTAGTTGGCAAAGAGTCTCTGAACTTTGCCAACTACTCGCTCGG	Hs.190334	12700	1.7293375	0.4746166	0.000580136					-1.0190625	1.32486892	0.086293965									
RAP1A	NM_002884_bp679_R	AGCTAAAAGCGGAGTAGTTGGCAAAGAGTCTCTGAACTTTGCCAACTACTCGCTCGG	Hs.190334	1948	1.7393625	0.50983579	0.000709585					-0.42956667	0.6386914	0.241737062									
RAP1A	NM_002884_bp702_R	AGCTAAAGGCCAGAATTTAGCAAGACATCTCTGAATGTCTTGCTAAATTCTGGCCCGG	Hs.190334	1946	-0.6011125	0.55584801	0.061678585					-0.4597875	0.43446337	0.099131601									
RAP1A	NM_002884_bp702_R	AGCTAAAGGCCAGAATTTAGCAAGACATCTCTGAATGTCTTGCTAAATTCTGGCCCGG	Hs.190334	7322	-0.6023125	0.54841475	0.059597045					-0.4718875	0.5025613	0.109698148									
RAP1A	NM_002884_bp702_R	AGCTAAAGGCCAGAATTTAGCAAGACATCTCTGAATGTCTTGCTAAATTCTGGCCCGG	Hs.190334	12698	-0.6044625	0.57324468	0.064999912					-0.5198625	0.54743753	0.09512994									
RAP1B	NM_015646_bp232_R	AGCTAAAAGATCCTACGATAGAAGATTCTTCTCTTGAAAGAATCTTCTATCGTAGGATCGG	Hs.369920	1007	1.6740375	0.25028651	0.000141361					0.7637875	0.39596527	0.014948036									
RAP1B	NM_015646_bp232_R	AGCTAAAGATCCTACGATAGAAGATTCTTCTCTTGAAAGAATCTTCTATCGTAGGATCGG	Hs.369920	6383	1.6128625	0.24381533	0.000161765					0.7891375	0.64546184	0.033830287									
RAP1B	NM_015646_bp232_R	AGCTAAAGATCCTACGATAGAAGATTCTTCTCTTGAAAGAATCTTCTATCGTAGGATCGG	Hs.369920	11759	1.6385375	0.23345962	0.0001397					0.7457625	0.49381963	0.024038018									
RAP1B	NM_015646_bp427_R	AGCTAAAAAGAACAGATTCTTCGAGTTAAATCTCTTGAATTTAACTCGAAGAATCTGTTCGG	Hs.369920	1006	-0.5379125	0.15390502	0.012834507					-0.3467875	0.27277132	0.13934748									
RAP1B	NM_015646_bp427_R	AGCTAAAAAGAACAGATTCTTCGAGTTAAATCTCTTGAATTTAACTCGAAGAATCTGTTCGG	Hs.369920	6382	-0.5960375	0.18039586	0.009700385					-0.3585625	0.28981591	0.133049466									

RAPH1	NM_213589_bp527_R	AGCTAAAAGCAGCATTGGTTCAGGAAACATCTCTTGAATGTTTCCTGAACCAATGCTGCGG	Hs.471162	9076	-0.371175	0.41673131	0.132184434					-0.0680375	0.32741166	0.760819301						
RAPH1	NM_213589_bp527_R	AGCTAAAAGCAGCATTGGTTCAGGAAACATCTCTTGAATGTTTCCTGAACCAATGCTGCGG	Hs.471162	14452	-0.261725	0.28243163	0.182542901					-0.0636625	0.22378058	0.756836044						
RASAL2	NM_170692_bp1283_R	AGCTAAAAAGGACCTTCTATTCGGATTAAATCTCTTGAATTTAATCCGAATAGAAGGTCCGG	Hs.167371	2744	0.215425	0.25726579	0.15924295					-0.4341625	0.38961098	0.134601971						
RASAL2	NM_170692_bp1283_R	AGCTAAAAAGGACCTTCTATTCGGATTAAATCTCTTGAATTTAATCCGAATAGAAGGTCCGG	Hs.167371	8120	0.3481	0.30762498	0.074130015					-0.4050875	0.30010838	0.132953821						
RASAL2	NM_170692_bp1283_R	AGCTAAAAAGGACCTTCTATTCGGATTAAATCTCTTGAATTTAATCCGAATAGAAGGTCCGG	Hs.167371	13496	0.022975	0.32785321	0.669348168					-0.2884625	0.30579233	0.285200401						
RASAL2	NM_170692_bp1854_R	AGCTAAAAAGGCTCATCAGTGCCTCATTATTCTCTTGAAATAATGAGGCACTGATGAGCCGG	Hs.167371	2746	0.308875	0.27789522	0.08724081					0.3830875	1.07154284	0.346299515						
RASAL2	NM_170692_bp1854_R	AGCTAAAAAGGCTCATCAGTGCCTCATTATTCTCTTGAAATAATGAGGCACTGATGAGCCGG	Hs.167371	8122	0.3797	0.30647059	0.060890367					0.3872875	1.05672098	0.336794984						
RASAL2	NM_170692_bp1854_R	AGCTAAAAAGGCTCATCAGTGCCTCATTATTCTCTTGAAATAATGAGGCACTGATGAGCCGG	Hs.167371	13498	0.30885	0.28610714	0.091636041					0.3613125	0.97527604	0.335922717						
RASAL2	NM_170692_bp903_R	AGCTAAAAAGCAGGACAGTTCAACCTAATATCTCTTGAATATTAGGTTGAACTGTCCTGCGG	Hs.167371	2742	-0.481675	0.39138966	0.084088732					-1.0637625	0.492157	0.006273798						
RASAL2	NM_170692_bp903_R	AGCTAAAAAGCAGGACAGTTCAACCTAATATCTCTTGAATATTAGGTTGAACTGTCCTGCGG	Hs.167371	8118	-0.475575	0.3844207	0.085393495					-1.0579125	0.49392782	0.006470643						
RASAL2	NM_170692_bp903_R	AGCTAAAAAGCAGGACAGTTCAACCTAATATCTCTTGAATATTAGGTTGAACTGTCCTGCGG	Hs.167371	13494	-0.471525	0.40674633	0.095511375					-1.0444875	0.56827799	0.009574689						
RASGRF1	NM_002891_bp1248_R	AGCTAAAAAGGAGGAGCTGTCCCAGAATAATTCTCTTGAAATTATTCTGGACAGCTCCTCCGG	Hs.459035	5089	1.4443125	0.25738028	0.000301131	0.0646125	0.45630479	0.788239361										
RASGRF1	NM_002891_bp1248_R	AGCTAAAAAGGAGGAGCTGTCCCAGAATAATTCTCTTGAAATTATTCTGGACAGCTCCTCCGG	Hs.459035	10465	1.3554875	0.22602115	0.003295575	0.2324125	0.2649187	0.232168847										
RASGRF1	NM_002891_bp1248_R	AGCTAAAAAGGAGGAGCTGTCCCAGAATAATTCTCTTGAAATTATTCTGGACAGCTCCTCCGG	Hs.459035	15841	1.6132625	0.31966053	0.00027545	1.2109375	1.67538279	0.148961492										
RASGRF1	NM_002891_bp1866_R	AGCTAAAAGTCCGAGCGCCTCCTTATATTGTCTCTTGAACAATATAAGGAGGCGTCGGACGG	Hs.459035	5091	-0.1414125	0.149495	0.363845162	-0.1521375	0.1725336	0.353177056										
RASGRF1	NM_002891_bp1866_R	AGCTAAAAGTCCGAGCGCCTCCTTATATTGTCTCTTGAACAATATAAGGAGGCGTCGGACGG	Hs.459035	10467	-0.1353625	0.17513524	0.396233148	-0.2246125	0.16440452	0.189621885										
RASGRF1	NM_002891_bp1866_R	AGCTAAAAGTCCGAGCGCCTCCTTATATTGTCTCTTGAACAATATAAGGAGGCGTCGGACGG	Hs.459035	15843	-0.0307125	0.2039129	0.8472877	0.0085125	0.26588025	0.961906531										
RASGRP1	AF081195_bp1183_R	AGCTAAAAAGGACCTCATCTCCCTGTATGATCTCTTGAATCATACAGGGAGATGAGGTCCGG	Hs.591127	3534	0.6748375	0.70395384	0.075115452					0.294275	0.22215546	0.183808676						
RASGRP1	AF081195_bp1183_R	AGCTAAAAAGGACCTCATCTCCCTGTATGATCTCTTGAATCATACAGGGAGATGAGGTCCGG	Hs.591127	8910	0.6525875	0.66567042	0.072688174					0.147825	0.22998931	0.481894704						
RASGRP1	AF081195_bp1183_R	AGCTAAAAAGGACCTCATCTCCCTGTATGATCTCTTGAATCATACAGGGAGATGAGGTCCGG	Hs.591127	14286	0.6319625	0.57858114	0.058100049					0.188225	0.25274028	0.384269124						
RASGRP1	AF081195_bp2062_R	AGCTAAAAAGGGAGTGTCCTCACAGAAGATTCTCTTGAAATCTTCTGTGAGGACACTCCCGG	Hs.591127	3538	1.7711375	0.32259924	0.000179939					0.64695	0.33460098	0.023321467						
RASGRP1	AF081195_bp2062_R	AGCTAAAAAGGAGTGTCCTCACAGAAGATTCTCTTGAAATCTTCTGTGAGGACACTCCCGG	Hs.591127	8914	1.6907875	0.40799856	0.000410143					0.492025	0.13587547	0.038000694						
RASGRP1	AF081195_bp2062_R	AGCTAAAAAGGAGTGTCCTCACAGAAGATTCTCTTGAAATCTTCTGTGAGGACACTCCCGG	Hs.591127	14290	1.5612625	0.31582815	0.000313281					0.499775	0.15665347	0.037333226						
RASGRP1	AF081195_bp2393_R	AGCTAAAAAGCCCTAAAGATCCAACTGAAATCTCTTGAATTTCAGTTGGATCTTTAGGGCGG	Hs.591127	3536	-0.4353625	0.49666248	0.118643541					0.1901	0.24189288	0.376170713						
RASGRP1	AF081195_bp2393_R	AGCTAAAAAGCCCTAAAGATCCAACTGAAATCTCTTGAATTTCAGTTGGATCTTTAGGGCGG	Hs.591127	8912	-0.4355875	0.50747803	0.122820298					0.18535	0.2271407	0.382609655						
RASGRP1	AF081195_bp2393_R	AGCTAAAAAGCCCTAAAGATCCAACTGAAATCTCTTGAATTTCAGTTGGATCTTTAGGGCGG	Hs.591127	14288	-0.4455125	0.5405822	0.129476766					0.217425	0.22978724	0.312299329						
RASGRP4	AY048120_bp1742_R	AGCTAAAAAGGAGTCTGTGTTCAAGAATTATCTCTTGAATAATTCTTGAACACAGACTCCGG	Hs.130434	4206	0.043075	0.82715858	0.905489249	0.6209	0.16801643	0.010226953		0.24465	0.31416754	0.498473318						
RASGRP4	AY048120_bp1742_R	AGCTAAAAAGGAGTCTGTGTTCAAGAATTATCTCTTGAATAATTCTTGAACACAGACTCCGG	Hs.130434	9582	-0.307225	0.66981548	0.336987951	0.459575	0.24852885	0.042778686		0.012								
RASGRP4	AY048120_bp1742_R	AGCTAAAAAGGAGTCTGTGTTCAAGAATTATCTCTTGAATAATTCTTGAACACAGACTCCGG	Hs.130434	14958	-0.5221	0.75528134	0.16287785	0.53835	0.14590976	0.015565316		0.704								
RASGRP4	AY048120_bp446_R	AGCTAAAAAGGACCACATGCTCAACATGTCTCTTGAACATGTTGAGCATGTGGTCCTCGG	Hs.130434	4204	1.528425	0.79975563	0.006011695	1.2294	0.92679374	0.056681416		1.2705								
RASGRP4	AY048120_bp446_R	AGCTAAAAAGGACCACATGCTCAACATGTCTCTTGAACATGTTGAGCATGTGGTCCTCGG	Hs.130434	9580	1.50455	1.32843181	0.036102327	1.256675	1.07766153	0.045664535	0.335033333	0.92881011	0.446109473							
RASGRP4	AY048120_bp446_R	AGCTAAAAAGGACCACATGCTCAACATGTCTCTTGAACATGTTGAGCATGTGGTCCTCGG	Hs.130434	14956	1.4526	1.17935943	0.027845161	1.350825	1.35499914	0.06905288	0.344966667	1.19956211	0.51244301							
RASGRP4	AY048120_bp629_R	AGCTAAAAGATCCCCAGCTAGAAGAAGTCTCTCTTGAAGACTTCTTCTAGCTGGGGGATCGG	Hs.130434	4202	-0.20695	0.33072104	0.306631588	-0.167775	0.17872555	0.314478225	-0.14166667	0.57325911	0.66446374							
RASGRP4	AY048120_bp629_R	AGCTAAAAGATCCCCAGCTAGAAGAAGTCTCTCTTGAAGACTTCTTCTAGCTGGGGGATCGG	Hs.130434	9578	-0.4737	0.21959737	0.027928512	-0.29875	0.49067926	0.27121111	0.105366667	1.0805808	0.824931498							
RASGRP4	AY048120_bp629_R	AGCTAAAAGATCCCCAGCTAGAAGAAGTCTCTCTTGAAGACTTCTTCTAGCTGGGGGATCGG	Hs.130434	14954	-0.2542	0.16919813	0.139633837	-0.13265	0.37244773	0.53857703	-0.23503333	0.40359086	0.423820412							
RASSF6	NM_177532_bp229_R	AGCTAAAAGGGGAACAACTTAATCCTTTATTCTCTTGAAATAAAGATTAGTTGTTCCCGG	Hs.529677	5343	-0.4791375	0.30026341	0.039848214	-1.1577125	0.48681183	0.006500402										
RASSF6	NM_177532_bp229_R	AGCTAAAAGGGGAACAACTTAATCCTTTATTCTCTTGAAATAAAGATTAGTTGTTCCCGG	Hs.529677	10719	-0.4556125	0.28012931	0.042605408	-0.8790875	0.51372358	0.019199059										
RASSF6	NM_177532_bp229_R	AGCTAAAAGGGGAACAACTTAATCCTTTATTCTCTTGAAATAAAGATTAGTTGTTCCCGG	Hs.529677	16095	0.2919875	1.53292541	0.651556046	-1.5798	1.0369138	0.072062605										
RASSF6	NM_177532_bp463_R	AGCTAAAAGGGGGAATTTGACGATCTCTTCTCTTGAAAGAGATCGTCAAATTCCCCCCGG	Hs.529677	5341	-0.9181125	1.23367515	0.122171105	-2.30485	1.13384572	0.037129057										
RASSF6	NM_177532_bp463_R	AGCTAAAAGGGGGAATTTGACGATCTCTTCTCTTGAAAGAGATCGTCAAATTCCCCCCGG	Hs.529677	10717	-1.2204375	0.20164945	0.000463016	-1.2739875	0.18012162	0.018854434										
RASSF6	NM_177532_bp463_R	AGCTAAAAGGGGGAATTTGACGATCTCTTCTCTTGAAAGAGATCGTCAAATTCCCCCCGG	Hs.529677	16093	-0.18195															
RASSF6	NM_177532_bp600_R	AGCTAAAAGACTCCCCAGTGCTCTATAGATCTCTTGAATCTATAGAGACGCTGGGGAGTCGG	Hs.529677	10721	-0.9326375	0.38870829	0.005277492	-1.2707625	0.69122125	0.011726445										
RASSF6	NM_177532_bp600_R	AGCTAAAAGACTCCCCAGTGCTCTATAGATCTCTTGAATCTATAGAGACGCTGGGGAGTCGG	Hs.529677	16097	0.1237125	0.95154811	0.763870028													
RB1	NM_000321_bp2539_R	AGCTAAAGGGAACACATCTATATTTCATCTCTTGAATGAAATATAGATGTTCCCTCCGG	Hs.408528	2303	-0.6009625	0.32959962	0.021144998					1.2682375	1.20471281	0.032364968						
RB1	NM_000321_bp2539_R	AGCTAAAGGGGAACATCTATATTTCATCTCTTGAATGAAATATAGATGTTCCCTCCGG	Hs.408528	7679	-0.5841125	0.33141349	0.023669154					1.2188375	1.23934704	0.040710095						
RB1	NM_000321_bp2539_R	AGCTAAAGGGAGGGAACATCTATATTTCATCTCTTGAATGAAATATAGATGTTCCCTCCGG	Hs.408528	13055	-0.6590125	0.42715045	0.025513379					1.2016625	1.0736294	0.027687416						
RB1	NM_000321_bp432_R	AGCTAAAAGCTGGGGAATCTGTATCTTTATTCTCTTGAAAAAGATACAGATTCCCCACGG	Hs.408528	2301	-1.1863375	0.14485741	0.000380236					-0.5338875	0.30673896	0.043286774						
RB1	NM_000321_bp432_R	AGCTAAAAGCTGGGGAATCTGTATCTTTATTCTCTTGAAAAAGATACAGATTCCCCACGG	Hs.408528	7677	-1.1713875	0.15869009	0.000436552					-0.4903875	0.29619333	0.055846868						
RB1	NM_000321_bp432_R	AGCTAAAAGCTGGGGAATCTGTATCTTTATTCTCTTGAAAAAGATACAGATTCCCCACGG	Hs.408528	13053	-1.1851625	0.17746049	0.000459379					-0.5155625	0.29301049	0.046879723						
RB1	NM_000321_bp674_R	AGCTAAAAGTTCGATATCTACTGAAATAATCTCTTGAATTATTTCAGTAGATATCGAACGG	Hs.408528	1000	-0.6694625	0.21949121	0.027461084					-0.5331125	0.29195853	0.04165383						
RB1	NM_000321_bp674_R	AGCTAAAAGTTCGATATCTACTGAAATAATCTCTTGAATTATTTCAGTAGATATCGAACGG	Hs.408528	6376	-0.6507875	0.32904555	0.015670788					-0.5402375	0.10927459	0.025738806						
RB1	NM_000321_bp674_R	AGCTAAAAGTTCGATATCTACTGAAATAATCTCTTGAATTATTTCAGTAGATATCGAACGG	Hs.408528	11752	-0.6354625	0.35415185	0.019713515					-0.5052125	0.08732399	0.032161837						
RBM19	AB014582_bp1495_R	AGCTAAAAAGCTCCACGTGTTACCATCTACTCTCTTGAAGTAGATGGTAACACGTGGAGCGG	Hs.7482	3587	-0.058225	0.78392087	0.866677683					-0.4019125	0.39170185	0.12577367						
RBM19	AB014582_bp1495_R	AGCTAAAAGCTCCACGTGTTACCATCTACTCTCTTGAAGTAGATGGTAACACGTGGAGCGG	Hs.7482	8963	0.056225	0.37968971	0.785326304					-0.4367375	0.45518251	0.118910607						
RBM19	AB014582_bp1495_R	AGCTAAAAGCTCCACGTGTTACCATCTACTCTCTTGAAGTAGATGGTAACACGTGGAGCGG	Hs.7482	14339	0.115775	0.19584103	0.474618091					-0.0042125	0.93735976	0.991397501						
RBM19	AB014582_bp2264_R	AGCTAAAAAGGATGTACTCTGTTTATTAAGTCTCTTGAACTTAATAAACAGAGTACATCCGG	Hs.7482	3589	0.800425	0.28614791	0.005280688					0.5351625	0.13992971	0.028111963						
RBM19	AB014582_bp2264_R	AGCTAAAAAGGATGTACTCTGTTTATTAAGTCTCTTGAACTTAATAAACAGAGTACATCCGG	Hs.7482	8965	0.854425	0.34708681	0.005878229					0.4542875	0.27987782	0.06811647						
RBM19	AB014582_bp2264_R	AGCTAAAAAGGATGTACTCTGTTTATTAAGTCTCTTGAACTTAATAAACAGAGTACATCCGG	Hs.7482	14341	1.013575	0.30815604	0.002184952					0.4606125	0.43942594	0.099410712						
RBM19	AB014582_bp2401_R	AGCTAAAAGGGGTTTGGATTTGTGGAATATCTCTTGAATATTCCACAAATCCAAACCCCGG	Hs.7482	3585	0.4311	0.46961654	0.16447254					-0.37901667	0.40075171	0.218138205						
RBM19	AB014582_bp2401_R	AGCTAAAAGGGGTTTGGATTTGTGGAATATCTCTTGAATATTCCACAAATCCAAACCCCGG	Hs.7482	14337	-0.18245	0.40065277	0.407283053					0.6344625	0.59891297	0.066144665						
RBM19	AB014582_bp2401_R	AGCTAAAAGGGGTTTGGATTTGTGGAATATCTCTTGAATATTCCACAAATCCAAACCCCGG	Hs.7482	8961	0.13505	0.14135658	0.380160161					0.592383333	0.71162208	0.14432922						
RBM30	AK094046_bp1113_R	AGCTAAAAGGGGCTCCAATTCAAGTGATGTCTCTTGAACATCACTTGAATTGGAGCCCCGG	Hs.7482	3894	1.1208625	0.15381135	0.000523227					0.496025	0.11562313	0.035727758						
RBM30	AK094046_bp1113_R	AGCTAAAAGGGGCTCCAATTCAAGTGATGTCTCTTGAACATCACTTGAATTGGAGCCCCGG	Hs.7482	9270	1.1571625	0.17840253	0.000516887					0.454425	0.10483172	0.047788138						
RBM30	AK094046_bp1113_R	AGCTAAAAGGGGCTCCAATTCAAGTGATGTCTCTTGAACATCACTTGAATTGGAGCCCCGG	Hs.7482	14646	1.2062625	0.13635726	0.000338184					0.471525	0.14028261	0.044434408						
RBM30	AK094046_bp2138_R	AGCTAAAAGGTTCTACCTTTCATTTATCATCTCTTGAATGATAAATGAAAGGTAGAACCGG	Hs.7482	3896	-0.5336375	0.55388012	0.085912579					-0.21635	0.32615379	0.349342245						
RBM30	AK094046_bp2138_R	AGCTAAAAGGTTCTACCTTTCATTTATCATCTCTTGAATGATAAATGAAAGGTAGAACCGG	Hs.7482	9272	-0.4724125	0.58281061	0.128533413					-0.222675	0.22410955	0.29995014						
RBM30	AK094046_bp2138_R	AGCTAAAAGGTTCTACCTTTCATTTATCATCTCTTGAATGATAAATGAAAGGTAGAACCGG	Hs.7482	14648	-0.4169375	0.37365963	0.084057334					0.0794	0.23485992	0.702280202						
RBM35A	BX647570_bp1823_R	AGCTAAAAAGGAGATGAACTTTGTGTTAATTCTCTTGAAATTAACACAAAGTTCATCTTCCGG	Hs.621999	4460	-0.504675	0.85900072	0.215810746	-0.576475	0.51411978	0.072214396		-0.2723	0.53736331	0.404010913						
RBM35A	BX647570_bp1823_R	AGCTAAAAAGGAGATGAACTTTGTGTTAATTCTCTTGAAATTAACACAAAGTTCATCTTCCGG	Hs.621999	9836	0.072466667	1.11893664	0.888539552	-0.644825	0.45061703	0.039625343	-0.80833333	0.9688696	0.109930249							
RBM35A	BX647570_bp1823_R	AGCTAAAAAGGAGATGAACTTTGTGTTAATTCTCTTGAAATTAACACAAAGTTCATCTTCCGG	Hs.621999	15212	-0.194775	0.22579205	0.267044568	-1.4028	0.98019142	0.08407636	-0.83325	0.54030029	0.08236181							
RBM35A	BX647570_bp3151_R	AGCTAAAAGCCTTAACTGTCAAATAATATCTCTTGAATAATTATTTGACAGTTAAGGCGG	Hs.621999	4456	-0.845375	0.19707793	0.002421645	-0.362225	0.57872101	0.242355674	0.568									
RBM35A	BX647570_bp3151_R	AGCTAAAAGCCTTAACTGTCAAATAATATCTCTTGAATAATATTTGACAGTTAAGGCGG	Hs.621999	9832	-0.7891	0.32353819	0.007067904	-0.6288	0.35608197	0.026886253	1.6142									
RBM35A	BX647570_bp3151_R	AGCTAAAAGCCTTAACTGTCAAATAATATCTCTTGAATAATATTTGACAGTTAAGGCGG	Hs.621999	15208	-0.620175	0.28903485	0.015005109	-0.321975	0.2126097	0.099479116	0.7773									
RBM35A	BX647570_bp777_R	AGCTAAAAGCCTCTCAAGTTGAAGATATGTCTCTTGAACATATCTTCAACTTGAGAGGCGG	Hs.621999	4458	-0.855775	0.58969558	0.021949305	0.356125	0.5041074	0.208884797	-0.05476667	1.22721753	0.916807537							
RBM35A	BX647570_bp777_R	AGCTAAAAGCCTCTCAAGTTGAAGATATGTCTCTTGAACATATCTTCAACTTGAGAGGCGG	Hs.621999	9834	-0.605075	0.49418534	0.046822142	0.356625	0.85262237	0.392917051	-0.6127	0.23149041	0.051896959							
RBM35A	BX647570_bp777_R	AGCTAAAAGCCTCTCAAGTTGAAGATATGTCTCTTGAACATATCTTCAACTTGAGAGGCGG	Hs.621999	15210	-0.2722	0.49358443	0.356207504	0.116033333	0.40694541	0.664025518	-0.17705	0.26297301	0.613437136							
RBMS1	BX648906_bp1264_R	AGCTAAAAGAGGCCTTCCATGGAACTCAAATCTCTTGAATTTGAGTTCCATTGGAAGGCTCGG	Hs.591127	4594	1.2823	0.91157299	0.034351799	0.06945	0.45693864	0.77315986	0.4791	1.42335565	0.433088615							
RBMS1	BX648906_bp1264_R	AGCTAAAAGAGGCCTTCCATGGAACTCAAATCTCTTGAATTTGAGTTCCATTGGAAGGCTCGG	Hs.591127	9970	1.16515	0.8058007	0.01807262	0.01935	0.53164119	0.942215792	0.4962	2.13535705	0.564432874							
RBMS1	BX648906_bp1264_R	AGCTAAAAGAGGCCTTCCATGGAACTCAAATCTCTTGAATTTGAGTTCCATTGGAAGGCTCGG	Hs.591127	15346	1.24205	0.98351487	0.026983543	-0.6663			-1.1131									
RBMS1	BX648906_bp2326_R	AGCTAAAAGCAGGCAGGGTTCACTAAAATATCTCTTGAATATTTAGTGAACCCTGCCTTCGG	Hs.591127	4592	0.181925	1.52875583	0.775751341	-0.74125	0.56262962	0.042137291	0.09345	0.4768021	0.80390855							
RBMS1	BX648906_bp2326_R	AGCTAAAAGCAGGCAGGGTTCACTAAAATATCTCTTGAATATTTAGTGAACCCTGCCTTCGG	Hs.591127	9968	0.03385	1.12823485	0.943575735	-0.44565	0.50837792	0.134368498	0.55095	0.39689904	0.1793687							
RBMS1	BX648906_bp2326_R	AGCTAAAAGCAGGCAGGGTTCACTAAAATATCTCTTGAATATTTAGTGAACCCTGCCTTCGG	Hs.591127	15344	-0.15575	0.74332667	0.64207696	-0.3644	0.36027774	0.128113253	0.12335	0.49603541	0.746077631							
RBMS1	NM_007199_bp215_R	AGCTAAAAGCTGGCTGGATGTTCGTCATATCTCTTGAATATGACGAACATTCAGCCAGCGG	Hs.369265	401	-0.867375	0.50577455	0.013929267	0.275666667	0.86662946	0.547129735										
RBMS1	NM_007199_bp215_R	AGCTAAAAGCTGGCTGGATGTTCGTCATATCTCTTGAATATGACGAACATTCAGCCAGCGG	Hs.369265	5777	-0.767975	0.6841228	0.047633757	0.203833333	0.92843728	0.669908543										
RBMS1	NM_007199_bp215_R	AGCTAAAAGCTGGCTGGATGTTCGTCATATCTCTTGAATATGACGAACATTCAGCCAGCGG	Hs.369265	11153	-0.88945	0.7408093	0.033668296	0.207466667	1.04111041	0.693754344										
RBMS1	NM_007199_bp350_R	AGCTAAAAGTCGAGCTATTCATTAATTATCTCTTGAATAATTAAATGAATAGCTCGACGG	Hs.369265	1913	0.003025	0.87225157	0.994782131													
RBMS1	NM_007199_bp350_R	AGCTAAAAGTCGAGCTATTCATTAATTATCTCTTGAATAATTAAATGAATAGCTCGACGG	Hs.369265	12665	-0.18985															
RBMS1	NM_007199_bp350_R	AGCTAAAAGTCGAGCTATTCATTAATTATCTCTTGAATAATTAAATGAATAGCTCGACGG	Hs.369265	7289																
RBMS1	NM_007199_bp415_R	AGCTAAAAGAAGGTTGGATTTCCAAATATATCTCTTGAATATTTGGAAATCCACCTTCGG	Hs.369265	402	-0.400633333	0.775935	0.324932182													
RBMS1	NM_007199_bp415_R	AGCTAAAAGAAGGTTGGATTTCCAAATATATCTCTTGAATATTTGGAAATCCACCTTCGG	Hs.369265	5778	-0.17175	0.60937306	0.550875545	-2.550533333	1.51534262	0.025622055										
RBMS1	NM_007199_bp415_R	AGCTAAAAGAAGGTTGGATTTCCAAATATATCTCTTGAATATTTGGAAATCCACCTTCGG	Hs.369265	11154	-0.253775	0.47715628	0.311024665	-4.032333333	1.88330377	0.01197248										
RBPSUH	AK126357_bp3448_R	AGCTAAAAGCTACATCCATTATGGACAAATCTCTTGAATTTGTCCATAATGGATGTAGCGG	Hs.474949	3931	0.14605	0.41696047	0.572729414					0.5545	0.86394037	0.210056369						
RBPSUH	AK126357_bp3448_R	AGCTAAAAGCTACATCCATTATGGACAAATCTCTTGAATTTGTCCATAATGGATGTAGCGG	Hs.474949	9307	-0.4007625	0.92835067	0.341518498					0.267525	0.67846041	0.404274316						
RBPSUH	AK126357_bp3448_R	AGCTAAAAGCTACATCCATTATGGACAAATCTCTTGAATTTGTCCATAATGGATGTAGCGG	Hs.474949	14683	0.225483333	0.38970859	0.382881138					0.554666667	0.91539228	0.225532174						
RBPSUH	AK126357_bp3712_R	AGCTAAAAGGACAATCATTAGCACAGATATCTCTTGAATATCTGTGCTAATGATTGTCCGG	Hs.474949	3929	-0.3136375	0.55500629	0.265876086					0.328725	0.36048569	0.185727933						
RBPSUH	AK126357_bp3712_R	AGCTAAAAGGACAATCATTAGCACAGATATCTCTTGAATATCTGTGCTAATGATTGTCCGG	Hs.474949	9305	-0.7594875	0.40300471	0.013211301					0.348125	0.45458967	0.197434147						
RBPSUH	AK126357_bp3712_R	AGCTAAAAGGACAATCATTAGCACAGATATCTCTTGAATATCTGTGCTAATGATTGTCCGG	Hs.474949	14681	-0.683716667	0.36447484	0.037441271					0.38485	0.41496243	0.146027152						
RBPSUH	AK126357_bp3753_R	AGCTAAAGAGTAGCAATGCTTGAACTTACATCTCTTGAATGTAAGTTCAAGCATTGCTACGG	Hs.474949	3927	0.1176625	0.20490127	0.472847403					0.282275	0.32602617	0.233466766						
RBPSUH	AK126357_bp3753_R	AGCTAAAGAGTAGCAATGCTTGAACTTACATCTCTTGAATGTAAGTTCAAGCATTGCTACGG	Hs.474949	9303	0.1463625	0.32329605	0.452691549					0.343775	0.29437952	0.148318818						
RBPSUH	AK126357_bp3753_R	AGCTAAAAGTAGCAATGCTTGAACTTACATCTCTTGAATGTAAGTTCAAGCATTGCTACGG	Hs.474949	14679	0.2083875	0.18097003	0.215446227					0.385575	0.31068989	0.116110127						
RBX1	NM_014248_bp118_R	AGCTAAAAGCCTGGGATATTGTGGTTGATTCCTTGAAATCAACCACAATATCCCAGGCCGG	Hs.474949	2297	0.0568125	0.23675869	0.734531327					0.07105	0.29646262	0.788525205						
RBX1	NM_014248_bp118_R	AGCTAAAAGCCTGGGATATTGTGGTTGATTCCTTGAAATCAACCACAATATCCCAGGCCGG	Hs.474949	7673	-0.4730875	0.2131592	0.027205687					-0.0621375	0.21202065	0.760548217						
RBX1	NM_014248_bp118_R	AGCTAAAAGCCTGGGATATTGTGGTTGATTCCTTGAAATCAACCACAATATCCCAGGCCGG	Hs.474949	13049	0.4517															
RBX1	NM_014248_bp229_R	AGCTAAAAGCATGGGGAGTCTGTAACCATTTCTCTTGAAATGGTTACAGACTCCCCATGCGG	Hs.474949	7675								0.50665								
RBX1	NM_014248_bp229_R	AGCTAAAAGCATGGGGAGTCTGTAACCATTTCTCTTGAAATGGTTACAGACTCCCCATGCGG	Hs.474949	2299																
RBX1	NM_014248_bp295_R	AGCTAAAAGTGTGTCCATTGGACAACAGATCTCTTGAATCTGTTGTCCAATGGACACACGG	Hs.474949	999	2.3384625	0.53569385	0.000206722					0.0191125	0.46934904	0.94010265						
RBX1	NM_014248_bp295_R	AGCTAAAAGTGTGTCCATTGGACAACAGATCTCTTGAATCTGTTGTCCAATGGACACACGG	Hs.474949	6375	2.2572625	0.62266382	0.000417942					0.0533875	0.46283071	0.832993644						
RBX1	NM_014248_bp295_R	AGCTAAAAGTGTGTCCATTGGACAACAGATCTCTTGAATCTGTTGTCCAATGGACACACGG	Hs.474949	11751	2.3715375	0.59605029	0.000228203					0.1219375	0.48290611	0.63929124						
RCL1	NM_005772_bp300_R	AGCTAAAAGCCAGCTTCATAAGGCTATTGTCTCTTGAACAATAGCCTTATGAAGCTGGC

RELB	NM_006509_bp1786_R	AGCTAAAAGGCAGCAAATGTTCCCCAATTCTCTTGAAATTGGGGAACATGTTGCTGCCGG	Hs.307905	6791																		
RELB	NM_006509_bp1786_R	AGCTAAAAGGCAGCAAATGTTCCCCAATTCTCTTGAAATTGGGGAACATGTTGCTGCCGG	Hs.307905	12167																		
RELB	NM_006509_bp803_R	AGCTAAAAAGCATCCAGTGTGTGAGGAAGATCTCTTGAATCTTCCTCACACACTGGATGCGG	Hs.307905	1416																		
RELB	NM_006509_bp803_R	AGCTAAAAAGCATCCAGTGTGTGAGGAAGATCTCTTGAATCTTCCTCACACACTGGATGCGG	Hs.307905	6792																		
RELB	NM_006509_bp803_R	AGCTAAAAAGCATCCAGTGTGTGAGGAAGATCTCTTGAATCTTCCTCACACACTGGATGCGG	Hs.307905	12168																		
RET	NM_020630_bp2416_R	AGCTAAAAAGCAACGGCCTTCCATCTGAAATCTCTTGAATTTCAGATGGAAGGCCGTTGCGG	Hs.350321	7232	-1.4091	2.39696277	0.227759727	0.7792	0.34004513	0.031839699												
RET	NM_020630_bp2416_R	AGCTAAAAAGCAACGGCCTTCCATCTGAAATCTCTTGAATTTCAGATGGAAGGCCGTTGCGG	Hs.350321	12608	0.0652			1.097575	0.85392571	0.03621671												
RET	NM_020630_bp2416_R	AGCTAAAAAGCAACGGCCTTCCATCTGAAATCTCTTGAATTTCAGATGGAAGGCCGTTGCGG	Hs.350321	1856	-1.405766667	2.00384217	0.166607656															
RET	NM_020630_bp2848_R	AGCTAAAAAGGGCGGAAGATGAAGATTTCGTCTCTTGAACGAAATCTTCATCTTCCGCCCGG	Hs.350321	1858	-0.634166667	0.34148066	0.043093431	-0.66345	0.51121105	0.047587336												
RET	NM_020630_bp2848_R	AGCTAAAAAGGGCGGAAGATGAAGATTTCGTCTCTTGAACGAAATCTTCATCTTCCGCCCGG	Hs.350321	7234	-0.503775	0.59034775	0.112727903	-0.69825	0.51723683	0.041791637												
RET	NM_020630_bp2848_R	AGCTAAAAAGGGCGGAAGATGAAGATTTCGTCTCTTGAACGAAATCTTCATCTTCCGCCCGG	Hs.350321	12610	-0.29015	0.48087816	0.256215717	-0.73605	0.57222181	0.044804178												
RET	NM_020630_bp774_R	AGCTAAAAAGCAGTTCTTGTGCCCCAACATTCTCTTGAAATGTTGGGGCACAAGAACTGCGG	Hs.350321	11402	-0.0725			0.3441														
RET	NM_020630_bp774_R	AGCTAAAAAGCAGTTCTTGTGCCCCAACATTCTCTTGAAATGTTGGGGCACAAGAACTGCGG	Hs.350321	6026																		
RET	NM_020630_bp774_R	AGCTAAAAAGCAGTTCTTGTGCCCCAACATTCTCTTGAAATGTTGGGGCACAAGAACTGCGG	Hs.350321	650																		
RFP2	NM_052811_bp1355_R	AGCTAAAAAGCCGATTTCATAGAACAATCATCTCTTGAATGATTGTTCTATGAAATCGGCGG	Hs.436922	2784	0.519575	1.0239289	0.267321113											0.4831	0.24318658	0.051030078		
RFP2	NM_052811_bp1355_R	AGCTAAAAAGCCGATTTCATAGAACAATCATCTCTTGAATGATTGTTCTATGAAATCGGCGG	Hs.436922	8160	0.5254	1.0990353	0.289993552											0.43775	0.23183432	0.068069066		
RFP2	NM_052811_bp1355_R	AGCTAAAAGCCGATTTCATAGAACAATCATCTCTTGAATGATTGTTCTATGAAATCGGCGG	Hs.436922	13536	0.505025	1.06741121	0.295459781											0.46665	0.20064791	0.051797561		
RFP2	NM_052811_bp300_R	AGCTAAAAAGCCCTATTTGTTGTAGTCTGTTCTCTTGAAACAGACTACAACAAATAGGGCGG	Hs.436922	2812	-0.00335	0.43149731	0.987950874											1.080875	1.70870915	0.134307715		
RFP2	NM_052811_bp300_R	AGCTAAAAAGCCCTATTTGTTGTAGTCTGTTCTCTTGAAACAGACTACAACAAATAGGGCGG	Hs.436922	8188	0.027625	0.40661356	0.897342017											1.2076	1.59287281	0.084812815		
RFP2	NM_052811_bp300_R	AGCTAAAAGCCCTATTTGTTGTAGTCTGTTCTCTTGAAACAGACTACAACAAATAGGGCGG	Hs.436922	13564	0.069775	0.3881917	0.73903301											1.0202	1.61311652	0.135997961		
RFP2	NM_052811_bp601_R	AGCTAAAAAGCAGCTGATTTGTGGGATCTGTCTCTTGAACAGATCCCACAAATCAGCTGCGG	Hs.436922	2810	-0.32715	0.32146483	0.127601041											0.85395	1.04267136	0.080488385		
RFP2	NM_052811_bp601_R	AGCTAAAAAGCAGCTGATTTGTGGGATCTGTCTCTTGAACAGATCCCACAAATCAGCTGCGG	Hs.436922	8186	-0.202125	0.25550462	0.2691667											0.66605	1.12588752	0.175247747		
RFP2	NM_052811_bp601_R	AGCTAAAAAGCAGCTGATTTGTGGGATCTGTCTCTTGAACAGATCCCACAAATCAGCTGCGG	Hs.436922	13562	-0.282225	0.3141514	0.172386369											0.7719	1.07690571	0.114060087		
RFX2	NM_006635_bp1314_R	AGCTAAAAAGAACCTCCAGTTCCACTACATCTCTCTTGAAATGTAGTGGAACTGGAGGTTCGGG	Hs.465709	3224	-2.161	0.10903701	0.00022928											-0.975475	1.64666805	0.157452831		
RFX2	NM_006635_bp1314_R	AGCTAAAAAGAACCTCCAGTTCCACTACATCTCTCTTGAAATGTAGTGGAACTGGAGGTTCGGG	Hs.465709	8600	-2.176	0.23973337	0.000347675											-0.879325	1.65238961	0.19703343		
RFX2	NM_006635_bp1314_R	AGCTAAAAAGAACCTCCAGTTCCACTACATCTCTCTTGAAATGTAGTGGAACTGGAGGTTCGGG	Hs.465709	13976	-2.082233333	0.18537131	0.000334233											-0.799925	1.53367876	0.207681048		
RFX2	NM_006635_bp1602_R	AGCTAAAAAGGAAGGCTGGTTGACAAATGCTCTCTTGAAGCATTTGTCAACCAGCCTTCCGG	Hs.465709	3228	1.291366667	1.23930374	0.071674912											1.282125	0.57090809	0.003008752		
RFX2	NM_006635_bp1602_R	AGCTAAAAAGGAAGGCTGGTTGACAAATGCTCTCTTGAAGCATTTGTCAACCAGCCTTCCGG	Hs.465709	8604	1.333333333	1.01414793	0.040056116											0.98995	0.55169788	0.009328427		
RFX2	NM_006635_bp1602_R	AGCTAAAAAGGAAGGCTGGTTGACAAATGCTCTCTTGAAGCATTTGTCAACCAGCCTTCCGG	Hs.465709	13980	1.4572	1.01480726	0.030664767											1.2575	0.27827836	0.000810286		
RFX2	NM_006635_bp2163_R	AGCTAAAAGATGGGAGAGTTCAACGATCTTCTCTTGAAAGATCGTTGAACTCTCCCATCGG	Hs.465709	326	1.623975	0.2898952	0.000215986											-0.01275	0.17773787	0.948824057		
RFX2	NM_006635_bp2163_R	AGCTAAAAGATGGGAGAGTTCAACGATCTTCTCTTGAAAGATCGTTGAACTCTCCCATCGG	Hs.465709	8602	1.6489	0.29595782	0.000209619											0.04935	0.26188153	0.815242509		
RFX2	NM_006635_bp2163_R	AGCTAAAAGATGGGAGAGTTCAACGATCTTCTCTTGAAAGATCGTTGAACTCTCCCATCGG	Hs.465709	13978	1.78515	0.37158502	0.000245964											0.052175	0.19696632	0.795800657		
RGC32	AK095079_bp1835_R	AGCTAAAAAGGAGCATGATGTCACTCCAATCTCTTGAATTGGAGTGACATCATGGCTCCGG	Hs.465709	3944	-0.07935	0.30780358	0.785691222											-0.152925	0.61569572	0.606037776		
RGC32	AK095079_bp1835_R	AGCTAAAAAGGAGCCATGATGTCACTCCAATCTCTTGAATTGGAGTGACATCATGGCTCCGG	Hs.465709	9320	-0.10325	0.34952288	0.732611395											-0.173925	0.58582489	0.547763529		
RGC32	AK095079_bp1835_R	AGCTAAAAAGGAGCGATATGGTACTCCAATCTCTTGAATTGGAGTGACATCATGGCTCCGG	Hs.465709	14696	0.007033333	0.24206116	0.972790202											-0.14515	0.44263533	0.563809921		
RGC32	AK095079_bp3477_R	AGCTAAAAAGAGTAAGCTTTCCCATTATATCTCTTGAATATAATGGGAAAGCTTACTGCGG	Hs.465709	3940	1.1223875	0.26253086	0.001015654											-0.127275	0.25386674	0.54960405		
RGC32	AK095079_bp3477_R	AGCTAAAAAGCAGTAAGCTTTCCCATTATATCTCTTGAATATAATGGGAAAGCTTACTGCGG	Hs.465709	9316	1.1233375	0.30301301	0.001328888											0.06895	0.09485956	0.719435077		
RGC32	AK095079_bp3477_R	AGCTAAAAAGCAGTAAGCTTTCCCATTATATCTCTTGAATATAATGGGAAAGCTTACTGCGG	Hs.465709	14692	1.1449375	0.37134988	0.001932273											0.02285	0.10137575	0.904985258		
RGC32	AK095079_bp67_R	AGCTAAAAGCCTGTGAGGTGAACAAATTGTCTCTTGAACAATTTGTTCACCTCACAGGCGG	Hs.465709	3942	1.3337	0.37026916	0.004006706											0.682675	0.12484778	0.010038509		
RGC32	AK095079_bp67_R	AGCTAAAAGCCTGTGAGGTGAACAAATTGTCTCTTGAACAATTTGTTCACCTCACAGGCGG	Hs.465709	9318	1.023	0.11473465	0.00407138											0.66695	0.18210771	0.012691492		
RGC32	AK095079_bp67_R	AGCTAAAAGCCTGTGAGGTGAACAAATTGTCTCTTGAACAATTTGTTCACCTCACAGGCGG	Hs.465709	14694	1.191533333	0.02936444	0.002024724											0.691725	0.17947045	0.010759058		
RGS13	BC036950_bp1197_R	AGCTAAAAGGGCCAGCATTAAACTTGAGATCTCTTGAATCCTAAGTTTAATGCTGGCCCGG	Hs.497220	4246	-0.509575	0.75413516	0.170882357	0.015	0.39439648	0.94517685								-0.4152	1.13905501	0.41758381		
RGS13	BC036950_bp1197_R	AGCTAAAAGGGCCAGCATTAAACTTGAGATCTCTTGAATCCTAAGTTTAATGCTGGCCCGG	Hs.497220	9622	-0.45	0.71310532	0.199403569	0.00575	0.3903888	0.978834504								-0.4939	1.13464963	0.340140391		
RGS13	BC036950_bp1197_R	AGCTAAAAGGGCCAGCATTAAACTTGAGATCTCTTGAATCCTAAGTTTAATGCTGGCCCGG	Hs.497220	14998	-0.356575	0.73767327	0.306347826	-0.12445	0.43253911	0.596619879								-0.5247	1.21150709	0.335927998		
RGS13	BC036950_bp2899_R	AGCTAAAAGCCCCCCTTGTAGCATATTTCTCTCTTGAAGAAATATGCTACAAGGGGGGCGG	Hs.497220	4242	-1.0365	0.81402133	0.083656009															
RGS13	BC036950_bp2899_R	AGCTAAAAGCCCCCCTTGTAGCATATTTCTCTCTTGAAGAAATATGCTACAAGGGGGGCGG	Hs.497220	14994	-0.8541	0.65237672	0.095047751	0.5319														
RGS13	BC036950_bp2899_R	AGCTAAAAGCCCCCCTTGTAGCATATTTCTCTCTTGAAGAAATATGCTACAAGGGGGGCGG	Hs.497220	9618	-1.2935																	
RGS13	BC036950_bp4996_R	AGCTAAAAGCCTATGTAGTTCAATTAATATCTCTTGAATATTAATTGAACTACATAGGCGG	Hs.497220	4244	-0.33875	0.47278089	0.190581627	-0.1072	0.53022004	0.690178186								-0.55823333	0.28769776	0.075147892		
RGS13	BC036950_bp4996_R	AGCTAAAAGCCTATGTAGTTCAATTAATATCTCTTGAATATTAATTGAACTACATAGGCGG	Hs.497220	9620	-0.68105	0.42526474	0.022456267	-0.1072	0.53022004	0.690178186								-1.3143667	0.35324986	0.003788609		
RGS13	BC036950_bp4996_R	AGCTAAAAGCCTATGTAGTTCAATTAATATCTCTTGAATATTAATTGAACTACATAGGCGG	Hs.497220	14996	-0.67905	0.38676602	0.018453063	-0.06185	0.4546732	0.796541738								-1.01303333	0.37608936	0.011095687		
RGS18	BC020632_bp417_R	AGCTAAAAGGGTGAATCATTTGACAAACTTCTCTTGAAAGTTTGTCAAATGATTCACCCGG	Hs.440890	4381	-0.20765	0.22964711	0.242742673	-0.3394	0.31731479	0.129082379								0.1828	0.314687	0.504147712		
RGS18	BC020632_bp417_R	AGCTAAAAGGGTGAATCATTTGACAAACTTCTCTTGAAAGTTTGTCAAATGATTCACCCGG	Hs.440890	9757	-0.4759	0.24208236	0.069829202	0.14515	0.35546258	0.659509284								-0.14793333	0.60724402	0.659393459		
RGS18	BC020632_bp417_R	AGCTAAAAGGGTGAATCATTTGACAAACTTCTCTTGAAAGTTTGTCAAATGATTCACCCGG	Hs.440890	15133	0.196125	1.07612738	0.671436407	0.2626										-0.2159	0.28779246	0.54418315		
RGS18	BC020632_bp542_R	AGCTAAAAGCAAGGGACCTCAACAAATTCTCTTGAAGAATTTGTTGAGGTCCCTTGCGG	Hs.440890	4383	-0.610125	0.68436983	0.092893987	-0.1578	0.693636	0.636018752	0.289266667	2.3919509	0.759143401									
RGS18	BC020632_bp542_R	AGCTAAAAGCAAGGGACCTCAACAAATTCTCTTGAAGAATTTGTTGAGGTCCCTTGCGG	Hs.440890	9759	-0.546075	0.677463353	0.120370233	-0.153825	0.55486994	0.58360458	0.2108	2.04449955	0.796083815									
RGS18	BC020632_bp542_R	AGCTAAAAGCAAGGGACCTCAACAAATTCTCTTGAAGAATTTGTTGAGGTCCCTTGCGG	Hs.440890	15135	-0.379225	0.58230602	0.203821399	-0.18	0.43314997	0.452362191	0.4543	2.13141091	0.59613701									
RGS18	BC020632_bp706_R	AGCTAAAAGTGTATCAGCTCATGGAACAATCTCTTGAATTGTTCCATGAGCTGATACACGG	Hs.440890	15137	0.2427					0.2067	2.0147	0.20124259	0.002973306									
RGS18	BC020632_bp706_R	AGCTAAAAGTGTATCAGCTCATGGAACAATCTCTTGAATTGTTCCATGAGCTGATACACGG	Hs.440890	4385							2.9428											
RGS18	BC020632_bp706_R	AGCTAAAAGTGTATCAGCTCATGGAACAATCTCTTGAATTGTTCCATGAGCTGATACACGG	Hs.440890	9761	-0.2018						2.3318											
RGS3	AK092607_bp1332_R	AGCTAAAAGTGTGCTGTTTCTAAGAGAAATCTCTTGAATTTCTCTTAGAAACACCACACGG	Hs.494875	4191	-0.3904375	0.36705915	0.097516249				0.2066	0.21788797	0.331225197									
RGS3	AK092607_bp1332_R	AGCTAAAAGTGTGCTGTTTCTAAGAGAAATCTCTTGAATTTCTCTTAGAAACACCACACGG	Hs.494875	9567	-0.4572625	0.45069861	0.08878389				0.181825	0.22451008	0.390313821									
RGS3	AK092607_bp1332_R	AGCTAAAAGTGTGCTGTTTCTAAGAGAAATCTCTTGAATTTCTCTTAGAAACACCACACGG	Hs.494875	14943	-0.4020875	0.43759268	0.117481411				0.15005	0.27720228	0.490891262									
RGS3	AK092607_bp2209_R	AGCTAAAAGATGGCCCCCCTCTGACATAAATCTCTTGAATTTATGTCAGAGGGGGCCATCGG	Hs.494875	4189	0.4617						-0.175425	0.33378314	0.445069903									
RGS3	AK092607_bp2209_R	AGCTAAAAGATGGCCCCCCTCTGACATAAATCTCTTGAATTTATGTCAGAGGGGGCCATCGG	Hs.494875	9565	0.2962						-0.170775	0.33506286	0.45713057									
RGS3	AK092607_bp2209_R	AGCTAAAAGATGGCCCCCCTCTGACATAAATCTCTTGAATTTATGTCAGAGGGGGCCATCGG	Hs.494875	14941	0.5327						-0.1919	0.31050129	0.396725407									
RGS3	AK092607_bp633_R	AGCTAAAAGCTCGGAAATGTTAAACTTTAATCTCTTGAATTAAAGTTTAACATTTCCGACGG	Hs.494875	4187	-0.7469875	0.24124085	0.005368199				-0.10565	0.20385043	0.605117311									
RGS3	AK092607_bp633_R	AGCTAAAAGCTCGGAAATGTTAAACTTTAATCTCTTGAATTAAAGTTTAACATTTCCGACGG	Hs.494875	9563	-0.8103375	0.37805596	0.008835197				-0.136875	0.22257077	0.51150262									
RGS3	AK092607_bp633_R	AGCTAAAAGCTCGGAAATGTTAAACTTTAATCTCTTGAATTAAAGTTTAACATTTCCGACGG	Hs.494875	14939	-0.7499125	0.33584235	0.009368508				-0.04975	0.25960435	0.813453438									
RHBDL6	AK074034_bp1667_R	AGCTAAAAGGTGAAGCACTTTGCCTTTGATCTCTTGAATCAAAGGCAAAGTGCTTCACCGG	Hs.494875	4045	0.0364875	0.63507552	0.900518038				-0.8522	0.17495182	0.004054167									
RHBDL6	AK074034_bp1667_R	AGCTAAAAGGTGAAGCACTTTGCCTTTGATCTCTTGAATCAAAGGCAAAGTGCTTCACCGG	Hs.494875	9421	0.0276875	0.65420333	0.926140917				-0.8176	0.20051431	0.005337012									
RHBDL6	AK074034_bp1667_R	AGCTAAAAGGTGAAGCACTTTGCCTTTGATCTCTTGAATCAAAGGCAAAGTGCTTCACCGG	Hs.494875	14797	0.0790125	0.65098635	0.791243133				-0.732875	0.23466092	0.009826558									
RHBDL6	AK074034_bp2366_R	AGCTAAAAGCACATGGACTGCGAGATCAATCTCTTGAATTGATTCGCGACTCATGTGCGG	Hs.494875	4047	-0.5139125	0.43148788	0.058899953				-0.01175	0.19658214	0.953384581									
RHBDL6	AK074034_bp2366_R	AGCTAAAAGCACATGGACTGCGAGATCAATCTCTTGAATTGATTCGCGACTCATGTGCGG	Hs.494875	9423	-0.8606375	0.59274523	0.022089977				0.018	0.22443358	0.929998771									
RHBDL6	AK074034_bp2366_R	AGCTAAAAGCACATGGACTGCGAGATCAATCTCTTGAATTGATTCGCGACTCATGTGCGG	Hs.494875	14799	-0.5972125	0.58036667	0.069111745				0.0903	0.26625428	0.671750739									
RHBDL6	AK074034_bp2613_R	AGCTAAAAAGTGTCTGTGGTCTTTCAAATGTCTCTTGAACATTTGAAAGACCACAGACACGG	Hs.494875	4049	-0.6443625	0.26183096	0.011076727				-0.47745	0.3037916	0.062100538									
RHBDL6	AK074034_bp2613_R	AGCTAAAAAGTGTCTGTGGTCTTTCAAATGTCTCTTGAACATTTGAAAGACCACAGACACGG	Hs.494875	9425	-0.6206125	0.28797071	0.014875094				-0.48035	0.31770731	0.063273242									
RHBDL6	AK074034_bp2613_R	AGCTAAAAAGTGTCTGTGGTCTTTCAAATGTCTCTTGAACATTTGAAAGACCACAGACACGG	Hs.494875	14801	-0.6139875	0.26283408	0.013435527				-0.39185	0.31883672	0.113440753									
RHOA	NM_001664_bp254_R	AGCTAAAAAGTGCCCACAGTGTTTGAGAACTCTCTTGAAGTTCTCAAACACTGTGGGCACGG	Hs.247077	2314	1.1498125	1.08363071	0.051648239				0.0036	0.82629007	0.983460732									
RHOA	NM_001664_bp254_R	AGCTAAAAAGTGCCCACAGTGTTTGAGAACTCTCTTGAAGTTCTCAAACACTGTGGGCACGG	Hs.247077	7690	1.1686125	1.08309032	0.048934746				-0.012275	0.82350818	0.980951599									
RHOA	NM_001664_bp254_R	AGCTAAAAAGTGCCCACAGTGTTTGAGAACTCTCTTGAAGTTCTCAAACACTGTGGGCACGG	Hs.247077	13066	1.0339375	1.00919831	0.059317401				-0.001975	0.82106959	0.99592329									
RHOA	NM_001664_bp278_R	AGCTAAAAAGTGGCAGATATCGAGGTGGATTCTCTTGAAATCCACCTCGATATCTGCCACGG	Hs.247077	2316	-0.4129625	0.43047526	0.085420795				0.0724	1.876256	0.914671912									
RHOA	NM_001664_bp278_R	AGCTAAAAAGTGGCAGATATCGAGGTGGATTCTCTTGAAATCCACCTCGATATCTGCCACGG	Hs.247077	7692	-0.3574125	0.31364059	0.076211037				0.212625	1.90048021	0.76444974									
RHOA	NM_001664_bp278_R	AGCTAAAAAGTGGCAGATATCGAGGTGGATTCTCTTGAAATCCACCTCGATATCTGCCACGG	Hs.247077	13068	-0.4108875	0.33475102	0.057805307				0.16285	1.82255421	0.810137804									
RHOA	NM_001664_bp304_R	AGCTAAAAAGCAGGTAGAGTTGGCTTTGTGTCTCTTGAACACAAAGCCAACTCTACCTGCGG	Hs.247077	2318	2.7134875	0.53277434	0.000106088				1.051825	1.09990713	0.047601428									
RHOA	NM_001664_bp304_R	AGCTAAAAAGCAGGTAGAGTTGGCTTTGTGTCTCTTGAACACAAAGCCAACTCTACCTGCGG	Hs.247077	7694	2.6090875	0.5575999	0.000150618				1.052875	1.05561356	0.042232503									
RHOA	NM_001664_bp304_R	AGCTAAAAAGCAGGTAGAGTTGGCTTTGTGTCTCTTGAACACAAAGCCAACTCTACCTGCGG	Hs.247077	13070	2.6512125	0.44915994	6.808-05				1.04445	0.93791188	0.031137931									
RHOB	NM_004040_bp455_R	AGCTAAAAAGCTGATCGTGTTCAGTAAGGATCTCTTGAATCCTTACTGAACACGATCAGCGG	Hs.502876	3059	-0.4057	1.03439608	0.378687124				-0.5194	0.63118113	0.118035375									
RHOB	NM_004040_bp455_R	AGCTAAAAAGCTGATCGTGTTCAGTAAGGATCTCTTGAATCCTTACTGAACACGATCAGCGG	Hs.502876	8435	-0.60397	0.38842295	0.028385163				-0.2546	0.18612367	0.231618457									
RHOB	NM_004040_bp455_R	AGCTAAAAAGCTGATCGTGTTCAGTAAGGATCTCTTGAATCCTTACTGAACACGATCAGCGG	Hs.502876	13811	-0.5659	0.69064853	0.114624128				-0.0479	0.55928133	0.863151456									
RHOB	NM_004040_bp618_R	AGCTAAAAAGACACCGACGTCATTCTCATGTCTCTTGAACATGAGAATGACGTCGGTGTCGG	Hs.502876	3061	0.15085	0.79706479	0.670605226				-0.3258	0.94032906	0.419009376									
RHOB	NM_004040_bp618_R	AGCTAAAAAGACACCGACGTCATTCTCATGTCTCTTGAACATGAGAATGACGTCGGTGTCGG	Hs.502876	8437	0.267725	0.85997496	0.486729899				-0.30425	0.94930046	0.451988794									
RHOB	NM_004040_bp618_R	AGCTAAAAAGACACCGACGTCATTCTCATGTCTCTTGAACATGAGAATGACGTCGGTGTCGG	Hs.502876	13813	0.2404	1.00328055	0.582093861				-0.3171	0.88817315	0.411830666									
RHOB	NM_004040_bp701_R	AGCTAAAAAGAAGCACTTCTGTCCCAATGTTTCTCTTGAAACATTGGGACAGAAGTGCTTCGG	Hs.502876	3057	-0.755875	0.35048501	0.009907314				-1.110275	1.43510084	0.082530458									
RHOB	NM_004040_bp701_R	AGCTAAAAAGAAGCACTTCTGTCCCAATGTTTCTCTTGAAACATTGGGACAGAAGTGCTTCGG	Hs.502876	8433	-0.761875	0.33162536	0.008568577				-1.113675	1.42563506	0.08042071									
RHOB	NM_004040_bp701_R	AGCTAAAAAGAAGCACTTCTGTCCCAATGTTTCTCTTGAAACATTGGGACAGAAGTGCTTCGG	Hs.502876	13809	-0.7354	0.3160887	0.008999939				-1.107725	1.43275148	0.082732729									
RHOC	NM_005167_bp1635_R	AGCTAAAAAGCCATCATTGTCCGGAATGGTTCTCTTGAAACCATTCCGGACAATGATGGCCGG	Hs.502659	1336	0.0466625	0.39397258	0.96561544				-0.344775	0.39834886	0.183630718									
RHOC	NM_005167_bp1635_R	AGCTAAAAAGCCATCATTGTCCGGAATGGTTCTCTTGAAACCATTCCGGACAATGATGGCCGG	Hs.502659	6712	0.0131125	0.40055698	0.907527257				-0.4005	0.4862449	0.159454488									
RHOC	NM_005167_bp1635_R	AGCTAAAAAGCCATCATTGTCCGGAATGGTTCTCTTGAAACCATTCCGGACAATGATGGCCGG	Hs.502659	12088	0.0617625	0.39684735	0.908625155				-0.3436	0.46512497	0.209817132									
RHOC	NM_005167_bp2016_R	AGCTAAAAAGTGTATGACCTGACACAAATATCTCTTGAAATATTGTGTCAGGTCATACACGG	Hs.502659	1335	1.8447875	1.07008299	0.008662182				0.982375	0.47437134	0.006814439									
RHOC	NM_005167_bp2016_R	AGCTAAAAAGTGTATGACCTGACACAAATATCTCTTGAAATATTGTGTCAGGTCATACACGG	Hs.502659	6711	1.9804875	1.02242585	0.005418863				1.0199	0.48118479	0.005938327									
RHOC	NM_005167_bp2016_R	AGCTAAAAAGTGTATGACCTGACACAAATATCTCTTGAAATATTGTGTCAGGTCATACACGG	Hs.502659	12087	1.8867875	1.0576245	0.007553614				1.013925	0.5506552	0.008290456									
RHOC	NM_005167_bp2055_R	AGCTAAAAAGTGCTAGTCCTGGGAACAGATTCTCTTGAAATCTGTTCCCAGGACTAGCACGG	Hs.502659	2312	3.0522875	0.60720367	9.36E-05				-0.301625	0.14193901	0.160904372									
RHOC	NM_005167_bp2055_R	AGCTAAAAAGTGCTAGTCCTGGGAACAGATTCTCTTGAAATCTGTTCCCAGGACTAGCACGG	Hs.502659	7688	3.2416375	0.69122808	0.000114708				-0.057125	0.40634131	0.824257205									
RHOC	NM_005167_bp2055_R	AGCTAAAAAGTGCTAGTCCTGGGAACAGATTCTCTTGAAATCTGTTCCCAGGACTAGCACGG	Hs.502659	13064	3.2166875	0.73071582	0.000148301				0.0394	0.4721549	0.865483434									
RHOF	NM_019034_bp337_R	AGCTAAAAGCTCATCTGCTATGACGTCATTCCTCTTGAAATGACGTCATAGCAGATGAGCGG	Hs.524804	3475	-1.199525	0.30975758	0.001030686				-0.017125	0.85368343	0.962524386	0.22215	0.36963947	0.31559765	-0.17135	0.271614	0.296229355			
RHOF	NM_019034_bp337_R	AGCTAAAAGCTCATCTGCTATGACGTCATTCCTCTTGAAATGACGTCATAGCAGATGAGCGG	Hs.524804	8851	-0.82985	0.53119896	0.018767452				-0.2595375	0.62510879	0.395325671	0.334925	0.34452238	0.147093424	-0.16835	0.41989618	0.481268523			
RHOF	NM_019034_bp337_R	AGCTAAAAGCTCATCTGCTATGACGTCATTCCTCTTGAAATGACGTCATAGCAGATGAGCGG	Hs.524804	14227	-1.012575	0.20350803	0.001115489				0.3479375	0.7035381	0.297750037	0.29575	0.33633674	0.176875382	-0.019425	0.20179806	0.859630954			
RHOF	NM_019034_bp436_R	AGCTAAAAGCTGATCCGGCTGCAAGACAGATCTCTTGAATCTGTCTTGCAGCCGATGAGCGG	Hs.524804	3477	0.176675	0.45825449	0.457075782				0.7031625	0.34095744	0.017074633	0.6501	0.82625665	0.21364074	0.5937	0.26782677	0.021326183			
RHOF	NM_019034_bp436_R	AGCTAAAAGCTGATCCGGCTGCAAGACAGATCTCTTGAATCTGTCTTGCAGCCGATGAGCGG	Hs.524804	8853	-0.019625	0.24513761	0.907341501				0.0333625	0.58777333	0.90696388	0.712125	0.7298991	0.146088463

RIPK2	NM_003821_bp1438_R	AGCTAAAAAGCACCATTTCTGGATCTCAAATCTCTTGAATTTGAGATCCAGAAATGGTGCGG	Hs.103755	5586	-0.27905	0.13054158	0.100463431	-0.1630625	0.22593264	0.356058402										
RIPK2	NM_003821_bp1438_R	AGCTAAAAAGCACCATTTCTGGATCTCAAATCTCTTGAATTTGAGATCCAGAAATGGTGCGG	Hs.103755	10962	-0.20005	0.17007509	0.226268657	-0.0668125	0.36712054	0.750719616										
RIPK2	NM_003821_bp810_R	AGCTAAAAAGGAGGGAACAATTATCTATATGTCTCTTGAACATATAGATAATTGTCCCTCCGG	Hs.103755	211	-0.0616	0.02899138	0.811016696	0.1362125	0.326517	0.499339588										
RIPK2	NM_003821_bp810_R	AGCTAAAAAGGAGGGAACAATTATCTATATGTCTCTTGAACATATAGATAATTGTCCCTCCGG	Hs.103755	5587	-0.357566667	0.52609074	0.258197056	0.1853125	0.33129482	0.371875037										
RIPK2	NM_003821_bp810_R	AGCTAAAAAGGAGGGAACAATTATCTATATGTCTCTTGAACATATAGATAATTGTCCCTCCGG	Hs.103755	10963	-0.3194	0.55116013	0.317097675	0.1913375	0.38582915	0.395122849										
RIPK3	NM_006871_bp1481_R	AGCTAAAAAGACCGCTCGTTAACATATACATCTCTTGAATGTATATGTTAACGAGCGGTCGG	Hs.268551	5931	-0.4502	0.75327238	0.216700035	-0.6289	0.82955284	0.200676673										
RIPK3	NM_006871_bp1481_R	AGCTAAAAAGACCGCTCGTTAACATATACATCTCTTGAATGTATATGTTAACGAGCGGTCGG	Hs.268551	11307	-0.720475	0.51046674	0.028208067	-0.9701	0.87046259	0.08943292										
RIPK3	NM_006871_bp1481_R	AGCTAAAAAGACCGCTCGTTAACATATACATCTCTTGAATGTATATGTTAACGAGCGGTCGG	Hs.268551	555																
RIPK3	NM_006871_bp1665_R	AGCTAAAAAGCCACAGGGTTGGTATAATCATCTCTTGAATGATTATACCAACCCTGTGGCCGG	Hs.268551	556	-0.225425	0.10574782	0.416150316	2.5574												
RIPK3	NM_006871_bp1665_R	AGCTAAAAAGCCACAGGGTTGGTATAATCATCTCTTGAATGATTATACCAACCCTGTGGCCGG	Hs.268551	5932	1.677375	2.96420409	0.20546253	-0.306066667	4.46190755	0.884214974										
RIPK3	NM_006871_bp1665_R	AGCTAAAAAGCCACAGGGTTGGTATAATCATCTCTTGAATGATTATACCAACCCTGTGGCCGG	Hs.268551	11308	1.78665	3.23647172	0.214648038	-0.9412	4.92309603	0.687982775										
RIPK3	NM_006871_bp700_R	AGCTAAAAAGCCCCAGAACTGTTTGTTAACTCTCTTGAAGTTAACAAACAGTTCTGGGGCGG	Hs.268551	1905	-1.936525	1.32601291	0.014481726	-1.7099	3.87881571	0.3793407										
RIPK3	NM_006871_bp700_R	AGCTAAAAAGCCCCAGAACTGTTTGTTAACTCTCTTGAAGTTAACAAACAGTTCTGGGGCGG	Hs.268551	7281	-2.016225	1.61853082	0.025129883	-1.513566667	3.91881622	0.434930554										
RIPK3	NM_006871_bp700_R	AGCTAAAAAGCCCCAGAACTGTTTGTTAACTCTCTTGAAGTTAACAAACAGTTCTGGGGCGG	Hs.268551	12657	-2.23055	1.64988192	0.018610879	-1.588333333	3.79358904	0.40119027										
RIPK4	NM_020639_bp270_R	AGCTAAAAAGATGGCCAAGTTTCGCTACATTTCTCTTGAAATGTAGCGAAACTTGGCCATCGG	Hs.517310	6027	-0.164075	0.09685386	0.277184672	-0.19345	0.20098054	0.267467467										
RIPK4	NM_020639_bp270_R	AGCTAAAAAGATGGCCAAGTTTCGCTACATTTCTCTTGAAATGTAGCGAAACTTGGCCATCGG	Hs.517310	11403	-0.132575	0.12091932	0.379169606	-0.3171	0.14768083	0.082536109										
RIPK4	NM_020639_bp270_R	AGCTAAAAAGATGGCCAAGTTTCGCTACATTTCTCTTGAAATGTAGCGAAACTTGGCCATCGG	Hs.517310	651	-0.078225	0.10094802	0.587580346	-0.6335												
RIPK4	NM_020639_bp657_R	AGCTAAAAAGCACGATGTATACAGCTTTGCTCTCTTGAAGCAAAGCTGTATACATCGTGCGG	Hs.517310	652	-0.8688	0.29806464	0.004015951	-0.84525	0.28955944	0.006277116										
RIPK4	NM_020639_bp657_R	AGCTAAAAAGCACGATGTATACAGCTTTGCTCTCTTGAAGCAAAGCTGTATACATCGTGCGG	Hs.517310	6028	-0.895275	0.34357181	0.004721931	-0.777375	0.33528309	0.011339137										
RIPK4	NM_020639_bp657_R	AGCTAAAAAGCACGATGTATACAGCTTTGCTCTCTTGAAGCAAAGCTGTATACATCGTGCGG	Hs.517310	11404	-0.977375	0.50212207	0.008516785	-0.869125	0.31772489	0.006694973										
RIPK4	NM_020639_bp940_R	AGCTAAAAAGCTCATGATCTGGACGTGAAATCTCTTGAATTTCACGTCCAGATCATGAGCGG	Hs.517310	653	-0.055133333	0.35955351	0.816104003	-0.808975	0.20470172	0.004485238										
RIPK4	NM_020639_bp940_R	AGCTAAAAAGCTCATGATCTGGACGTGAAATCTCTTGAATTTCACGTCCAGATCATGAGCGG	Hs.517310	6029	0.580633333	0.68999421	0.150103091	-0.68325	0.40048439	0.025658666										
RIPK4	NM_020639_bp940_R	AGCTAAAAAGCTCATGATCTGGACGTGAAATCTCTTGAATTTCACGTCCAGATCATGAGCGG	Hs.517310	11405	0.3203	1.57916171	0.654983031	-2.185925	2.48189323	0.091501691										
RIPK5	NM_015375_bp1127_R	AGCTAAAAAGCCACTGCCTTGACATCTTTATCTCTTGAATAAAGATGTCAAGGCAGTGGCCGG	Hs.6874	12426	2.5963			0.26005	7.81289354	0.946367582										
RIPK5	NM_015375_bp1127_R	AGCTAAAAAGCCACTGCCTTGACATCTTTATCTCTTGAATAAAGATGTCAAGGCAGTGGCCGG	Hs.6874	1674				2.49385	10.6980306	0.645324247										
RIPK5	NM_015375_bp1127_R	AGCTAAAAAGCCACTGCCTTGACATCTTTATCTCTTGAATAAAGATGTCAAGGCAGTGGCCGG	Hs.6874	7050				-0.0413	8.28106894	0.991951633										
RIPK5	NM_015375_bp1330_R	AGCTAAAAAGCTACTAACATGGAGTTTAAATCTCTTGAATTTAAACTCCATGTTAGTAGCGG	Hs.6874	7052	0.1357	0.1471349	0.486637752													
RIPK5	NM_015375_bp1330_R	AGCTAAAAAGCTACTAACATGGAGTTTAAATCTCTTGAATTTAAACTCCATGTTAGTAGCGG	Hs.6874	12428	0.2501	1.24168872	0.636291495	1.09445	0.06286179	0.030871586										
RIPK5	NM_015375_bp1330_R	AGCTAAAAAGCTACTAACATGGAGTTTAAATCTCTTGAATTTAAACTCCATGTTAGTAGCGG	Hs.6874	1676	-0.0001															
RIPK5	NM_015375_bp918_R	AGCTAAAAAGAGCGAAAGATCACCGCTTTATCTCTTGAATAAACGCGGTGATCTTTCGCTCGG	Hs.6874	526	1.819366667	5.78592556	0.484178184	4.6337	5.75726341	0.189367474										
RIPK5	NM_015375_bp918_R	AGCTAAAAAGAGCGAAAGATCACCGCTTTATCTCTTGAATAAACGCGGTGATCTTTCGCTCGG	Hs.6874	5902	2.583133333	7.67015889	0.455355896	8.5018												
RIPK5	NM_015375_bp918_R	AGCTAAAAAGAGCGAAAGATCACCGCTTTATCTCTTGAATAAACGCGGTGATCTTTCGCTCGG	Hs.6874	11278	1.124775	3.76824439	0.476579683	3.83125	4.68097618	0.184967198										
RKHD1	AB107353_bp1683_R	AGCTAAAAAGCGGCCAGTGTTTACAGATGATCTCTTGAATCATCTGTAAACACTGGCCGCGG	Hs.436495	3819	-0.228925	0.22168205	0.199932637							-0.6145625	0.3255995	0.027568941				
RKHD1	AB107353_bp1683_R	AGCTAAAAAGCGGCCAGTGTTTACAGATGATCTCTTGAATCATCTGTAAACACTGGCCGCGG	Hs.436495	9195	-0.28185	0.30150596	0.166251189							-0.5581375	0.32359567	0.039003294				
RKHD1	AB107353_bp1683_R	AGCTAAAAAGCGGCCAGTGTTTACAGATGATCTCTTGAATCATCTGTAAACACTGGCCGCGG	Hs.436495	14571	-0.250325	0.24157535	0.172235953							-0.5434375	0.29697784	0.039523317				
RKHD1	AB107353_bp2097_R	AGCTAAAAAGCGGTTCCAATCAAATTTCTATCTCTTGAATGAAAATTTGATTGGAACGCCGG	Hs.436495	3821	-1.0744	0.28300481	0.001421942							-0.3189375	0.23608844	0.158158624				
RKHD1	AB107353_bp2097_R	AGCTAAAAAGCGGTTCCAATCAAATTTCTATCTCTTGAATGAAAATTTGATTGGAACGCCGG	Hs.436495	9197	-0.92445	0.24218869	0.002141883							0.0999375	0.61966615	0.735352291				
RKHD1	AB107353_bp2097_R	AGCTAAAAAGCGGTTCCAATCAAATTTCTATCTCTTGAATGAAAATTTGATTGGAACGCCGG	Hs.436495	14573	-0.771625	0.27814743	0.005861603							-0.1167875	0.44862386	0.642543657				
RKHD1	AB107353_bp322_R	AGCTAAAAAGGCCGAACACTTCTCCATCATTCTCTTGAAATGATGGAGAAGTGTTCGGCCGG	Hs.436495	3817	-0.09025	0.26535715	0.608031108							-0.2284375	0.24017588	0.293879676				
RKHD1	AB107353_bp322_R	AGCTAAAAAGGCCGAACACTTCTCCATCATTCTCTTGAAATGATGGAGAAGTGTTCGGCCGG	Hs.436495	9193	-0.590975	0.72800856	0.11454993							0.0559375	0.25614794	0.790344208				
RKHD1	AB107353_bp322_R	AGCTAAAAAGGCCGAACACTTCTCCATCATTCTCTTGAAATGATGGAGAAGTGTTCGGCCGG	Hs.436495	14569	-0.06275	0.28578077	0.722726604							-0.1210125	0.14326007	0.541265961				
RKHD2	AL833519_bp1353_R	AGCTAAAAAGCTGCTATGGTAACACTAAACTCTCTTGAAGTTTAGTGTTACCATAGCAGCGG	Hs.465144	4158	0.020525	0.52549602	0.935388301	-0.757	0.5922458	0.04459891	-0.35656667	0.86466369	0.398334129							
RKHD2	AL833519_bp1353_R	AGCTAAAAAGCTGCTATGGTAACACTAAACTCTCTTGAAGTTTAGTGTTACCATAGCAGCGG	Hs.465144	9534	-0.0409	0.43526191	0.854760472	-0.9894	0.40415039	0.0068425	-0.6568	0.98414939	0.17987797							
RKHD2	AL833519_bp1353_R	AGCTAAAAAGCTGCTATGGTAACACTAAACTCTCTTGAAGTTTAGTGTTACCATAGCAGCGG	Hs.465144	14910	-0.25065	0.66000857	0.420965222	-0.40693	0.06611448	0.215440461	-0.77053333	0.64726238	0.0638931							
RKHD2	AL833519_bp2533_R	AGCTAAAAAGTTGCCTTGATGGCATATTATTCTCTTGAAATAATATGCCATCAAGGCAACGG	Hs.465144	4160	0.008275	0.32388703	0.965112523	-0.42925	0.4279617	0.111492019	-0.1539	0.58878892	0.642106114							
RKHD2	AL833519_bp2533_R	AGCTAAAAAGTTGCCTTGATGGCATATTATTCTCTTGAAATAATATGCCATCAAGGCAACGG	Hs.465144	9536	-0.47965	0.46478159	0.082357867	-0.255825	0.22124101	0.171777025	-0.20273333	0.47909154	0.509673443							
RKHD2	AL833519_bp2533_R	AGCTAAAAAGTTGCCTTGATGGCATATTATTCTCTTGAAATAATATGCCATCAAGGCAACGG	Hs.465144	14912	0.280833333	0.25556104	0.226306689	-0.15675	0.94615266	0.717880911	0.051533333	0.57296996	0.873515532							
RKHD2	AL833519_bp2612_R	AGCTAAAAAGCTGCCGTCTTGTAGATATGATCTCTTGAATCATATCTACAAGACGGCAGCGG	Hs.465144	4156	0.573325	0.86566917	0.17082612	-0.873875	0.11987567	0.002122579	-0.07953333	0.5669726	0.805370211							
RKHD2	AL833519_bp2612_R	AGCTAAAAAGCTGCCGTCTTGTAGATATGATCTCTTGAATCATATCTACAAGACGGCAGCGG	Hs.465144	9532	0.501525	0.48444947	0.037863932	-0.9104	0.10448569	0.001682123	-0.12423333	0.71163102	0.732256554							
RKHD2	AL833519_bp2612_R	AGCTAAAAAGCTGCCGTCTTGTAGATATGATCTCTTGAATCATATCTACAAGACGGCAGCGG	Hs.465144	14908	0.74215	0.91273077	0.105147642	-1.2808			0.6162	0.43781175	0.075960081							
RKHD3	AK131424_bp1942_R	AGCTAAAAAGCCAATCGCATCTGTGAGAAGTCTCTTGAACTTCTCACAGATGCGATTGGCGGG	Hs.104744	4171	-0.6453375	0.16212995	0.006408677				-0.37035	0.08966164	0.08858776							
RKHD3	AK131424_bp1942_R	AGCTAAAAAGCCAATCGCATCTGTGAGAAGTCTCTTGAACTTCTCACAGATGCGATTGGCGGG	Hs.104744	9547	-0.6033625	0.22264177	0.011528576				-0.3612	0.11000749	0.09694309							
RKHD3	AK131424_bp1942_R	AGCTAAAAAGCCAATCGCATCTGTGAGAAGTCTCTTGAACTTCTCACAGATGCGATTGGCGGG	Hs.104744	14923	-0.5680375	0.11458228	0.008805364				-0.36285	0.11259001	0.09601905							
RKHD3	AK131424_bp600_R	AGCTAAAAAGCACAATACTTACATCAAGCACTCTCTTGAAGCTTTGATGTAAGTATTGGTCGG	Hs.104744	4167	-0.0378125	0.06215167	0.785260421				-0.134125	0.58927461	0.641935518							
RKHD3	AK131424_bp600_R	AGCTAAAAAGCACAATACTTACATCAAGCACTCTCTTGAAGCTTTGATGTAAGTATTGGTCGG	Hs.104744	9543	-0.0831625	0.12552566	0.573328648				-0.2391	0.15636451	0.250608744							
RKHD3	AK131424_bp600_R	AGCTAAAAAGCACAATACTTACATCAAGCACTCTCTTGAAGCTTTGATGTAAGTATTGGTCGG	Hs.104744	14919	0.1186875	0.21446164	0.474601319				-0.216125	0.26821586	0.328009851							
RKHD3	AK131424_bp634_R	AGCTAAAAAGGAGGCCTGTCTTTGTTGTGTCTCTTGAACACAACAAAGACAGGCTCCTCGG	Hs.104744	4169	1.3521375	0.35290204	0.000798505				0.224925	0.26978618	0.31084163							
RKHD3	AK131424_bp634_R	AGCTAAAAAGGAGGCCTGTCTTTGTTGTGTCTCTTGAACACAACAAAGACAGGCTCCTCGG	Hs.104744	9545	1.3564375	0.36795503	0.000872963				-0.021975	0.32836383	0.921460651							
RKHD3	AK131424_bp634_R	AGCTAAAAAGGAGGCCTGTCTTTGTTGTGTCTCTTGAACACAACAAAGACAGGCTCCTCGG	Hs.104744	14921	1.2777625	0.45502683	0.002042778				0.054925	0.14027027	0.778465673							
RNASEL	NM_021133_bp1231_R	AGCTAAAAAGCCCTATGATTGGCAAACTCATCTCTTGAATGAGTTTGCCAATCATAGGGCGG	Hs.518545	660	-0.0413	0.43478842	0.8532561	0.047625	0.13089702	0.74847827										
RNASEL	NM_021133_bp1231_R	AGCTAAAAAGCCCTATGATTGGCAAACTCATCTCTTGAATGAGTTTGCCAATCATAGGGCGG	Hs.518545	6036	-0.0678	0.42786032	0.759822891	0.19345	0.25304872	0.300177789										
RNASEL	NM_021133_bp1231_R	AGCTAAAAAGCCCTATGATTGGCAAACTCATCTCTTGAATGAGTTTGCCAATCATAGGGCGG	Hs.518545	11412	-0.030575	0.46255426	0.895215839	0.0782	0.14639702	0.608603601										
RNASEL	NM_021133_bp1548_R	AGCTAAAAAGCCCGAAATGTCCTGTCATCTTCTCTTGAAAGATGACAGGACATTTCGGGCGG	Hs.518545	1866	-0.490233333	0.90062641	0.290557797	-0.6469	0.55779373	0.061954433	0.0365375	0.31901913	0.868832211	0.4473	0.43426572	0.131492264	0.314025	0.50178465	0.29941107	
RNASEL	NM_021133_bp1548_R	AGCTAAAAAGCCCGAAATGTCCTGTCATCTTCTCTTGAAAGATGACAGGACATTTCGGGCGG	Hs.518545	7242	-0.122566667	0.55051055	0.683649279	-0.49925	0.5288126	0.110320493	0.0306125	0.52456669	0.909220645	0.469975	0.43609058	0.114529762	0.2561	0.59437787	0.35210434	
RNASEL	NM_021133_bp1548_R	AGCTAAAAAGCCCGAAATGTCCTGTCATCTTCTCTTGAAAGATGACAGGACATTTCGGGCGG	Hs.518545	12618	0.220833333	0.81472413	0.584133307	-0.624325	0.59173999	0.077514585	-0.1849125	0.48215074	0.482255553	0.209625	0.35921157	0.327487777	0.045166667	0.71511684	0.922875709	
RNASEL	NM_021133_bp1745_R	AGCTAAAAAGCTGGTCCTCTATGTGGTAAATCTCTTGAATTTACCACATAGAGGACCAGCGG	Hs.518545	7244	0.766333333	1.5517942	0.305920599	-0.772775	0.92581785	0.117256207										
RNASEL	NM_021133_bp1745_R	AGCTAAAAAGCTGGTCCTCTATGTGGTAAATCTCTTGAATTTACCACATAGAGGACCAGCGG	Hs.518545	12620	0.800675	0.83391786	0.069209749	-0.658575	0.76926518	0.116576614										
RNASEL	NM_021133_bp1745_R	AGCTAAAAAGCTGGTCCTCTATGTGGTAAATCTCTTGAATTTACCACATAGAGGACCAGCGG	Hs.518545	1868	-0.3608			-1.4041												
RNF144	NM_014746_bp1037_R	AGCTAAAAAGCGCAGATGATGTGCAAGAACTCTCTTGAAGTTCTTGCACATCATCTGCGCGG	Hs.591601	8634	0.340675	0.5132866	0.209749835				-0.14055	0.7927357	0.716620318	0.097025	0.54806782	0.746715535	1.458475	0.67424502	0.022768181	
RNF144	NM_014746_bp1037_R	AGCTAAAAAGCGCAGATGATGTGCAAGAACTCTCTTGAAGTTCTTGCACATCATCTGCGCGG	Hs.591601	14010	0.262925	0.1757139	0.131614208				0.2175375	0.73221655	0.513750824	0.060525	0.55301384	0.840780763	1.437125	0.60400669	0.01761789	
RNF144	NM_014746_bp1037_R	AGCTAAAAAGCGCAGATGATGTGCAAGAACTCTCTTGAAGTTCTTGCACATCATCTGCGCGG	Hs.591601	3258	0.08395	0.35230644	0.673570154				0.5341			0.11655	0.52084802	0.684827174	1.384475	0.56298399	0.016102074	
RNF144	NM_014746_bp1097_R	AGCTAAAAAGCATGATTTCCTTCTGATATCCTCTTGAATATCAGAAGGAAATCATCGTCGG	Hs.591601	3254	-0.0966	0.38179338	0.643372553				0.0315125	0.19016657	0.875026512	0.4476	0.44021191	0.13487966	0.212775	0.52580174	0.477556577	
RNF144	NM_014746_bp1097_R	AGCTAAAAAGCATGATTTCCTTCTGATATCCTCTTGAATATCAGAAGGAAATCATCGTCGG	Hs.591601	8630	0.036	0.24691516	0.831635496				0.0365375	0.31901913	0.868832211	0.4473	0.43426572	0.131492264	0.314025	0.50178465	0.29941107	
RNF144	NM_014746_bp1097_R	AGCTAAAAAGCATGATTTCCTTCTGATATCCTCTTGAATATCAGAAGGAAATCATCGTCGG	Hs.591601	14006	0.312675	0.35019019	0.155634038				0.0306125	0.52456669	0.909220645	0.469975	0.43609058	0.114529762	0.2561	0.59437787	0.35210434	
RNF144	NM_014746_bp1252_R	AGCTAAAAAGGCCACTCCCCTTTGTACTTTGTCTCTTGAACAAAGTACAAAGGGAGTGGCCGG	Hs.591601	3256	-0.1879	0.83790493	0.644684474				-0.1849125	0.48215074	0.482255553	0.209625	0.35921157	0.327487777	0.045166667	0.71511684	0.922875709	
RNF144	NM_014746_bp1252_R	AGCTAAAAAGGCCACTCCCCTTTGTACTTTGTCTCTTGAACAAAGTACAAAGGGAGTGGCCGG	Hs.591601	8632	-0.094066667	0.29705686	0.671778121				0.013183333	0.57416314	0.967503523	0.2615	0.23679985	0.114248991	0.0971	0.70001785	0.832514432	
RNF144	NM_014746_bp1252_R	AGCTAAAAAGGCCACTCCCCTTTGTACTTTGTCTCTTGAACAAAGTACAAAGGGAGTGGCCGG	Hs.591601	14008	-0.141633333	0.59352495	0.654876005				-0.01725	0.57501746	0.957519083	0.257625	0.35614701	0.243765967	0.1785	0.78620076	0.73209692	
RNF183	AK091940_bp666_R	AGCTAAAAAGAGCAGAATCTACTTAATCAATCTCTTGAATTGATTAAGTAGATTCTGCTCGG	Hs.211374	4151	0.2950375	0.60224256	0.318304442				0.020175	0.27420727	0.924489128							
RNF183	AK091940_bp666_R	AGCTAAAAAGAGCAGAATCTACTTAATCAATCTCTTGAATTGATTAAGTAGATTCTGCTCGG	Hs.211374	9527	0.3032375	0.57799345	0.29298379				0.07305	0.28986085	0.735936255							
RNF183	AK091940_bp666_R	AGCTAAAAAGAGCAGAATCTACTTAATCAATCTCTTGAATTGATTAAGTAGATTCTGCTCGG	Hs.211374	14963	0.3555375	0.62700149	0.252082854				0.058825	0.28594665	0.78491107							
RNF183	AK091940_bp810_R	AGCTAAAAAGTGGGGGAAATGATGAGTCAATCTCTTGAATTGACTCATCATTTCCCCCACGG	Hs.211374	4149	-0.3446875	0.4360594	0.165536012				-0.2321	0.32260412	0.316636042							
RNF183	AK091940_bp810_R	AGCTAAAAAGTGGGGGAAATGATGAGTCAATCTCTTGAATTGACTCATCATTTCCCCCACGG	Hs.211374	9525	-0.2671375	0.32499439	0.198411004				-0.243175	0.39465091	0.325144126							
RNF183	AK091940_bp810_R	AGCTAAAAAGTGGGGGAAATGATGAGTCAATCTCTTGAATTGACTCATCATTTCCCCCACGG	Hs.211374	14901	-0.3053625	0.41439948	0.198021156				-0.26055	0.29368206	0.253391558							
RNF183	AK091940_bp855_R	AGCTAAAAAGAGATCAACTCTTCAAATATACTCTTGAATAATTTGAAGAGTTGATCTGCGG	Hs.211374	4147	-0.2179625	0.70136645	0.500613533				0.12325	0.58470798	0.667357879							
RNF183	AK091940_bp855_R	AGCTAAAAAGAGATCAACTCTTCAAATATACTCTTGAATAATTTGAAGAGTTGATCTGCGG	Hs.211374	9523	-0.3976625	0.37006148	0.094047901				0.4225	0.44210803	0.12517141							
RNF183	AK091940_bp855_R	AGCTAAAAAGAGATCAACTCTTCAAATATACTCTTGAATAATTTGAAGAGTTGATCTGCGG	Hs.211374	14899	-0.4191125	0.34191547	0.072624519				0.12125	0.09381849	0.440123055							
RNF41	NM_194358_bp1219_R	AGCTAAAAAGTGGCTGTCCTGCTTCTATTGTGCTCTTGAACAATAGAAGCAGGACAGCCACGG	Hs.591031	14358	0.353366667	0.2600205	0.14808676				-0.442075	0.01933937	0.226718215							
RNF41	NM_194358_bp1219_R	AGCTAAAAAGTGGCTGTCCTGCTTCTATTGTGCTCTTGAACAATAGAAGCAGGACAGCCACGG	Hs.591031	3606	0.177933333	0.22334719	0.402050048				-0.3059									
RNF41	NM_194358_bp1219_R	AGCTAAAAAGTGGCTGTCCTGCTTCTATTGTGCTCTTGAACAATAGAAGCAGGACAGCCACGG	Hs.591031	8982	0.177733333	0.21543358	0.399089067				-0.2909									
RNF41	NM_194358_bp1419_R	AGCTAAAAAGAGCCAGGCCTTGTCATGATATCTCTTGAATATCATGACAAGGCCTGGCTCGG	Hs.591031	8980	0.933025	0.29970445	0.002978837				0.0303									
RNF41	NM_194358_bp1419_R	AGCTAAAAAGAGCCAGGCCTTGTCATGATATCTCTTGAATATCATGACAAGGCCTGGCTCGG	Hs.591031	3604	0.923475	0.46715179	0.008791717													
RNF41	NM_194358_bp1419_R	AGCTAAAAAGAGCCAGGCCTTGTCATGATATCTCTTGAATATCATGACAAGGCCTGGCTCGG	Hs.591031	14356	0.8989	0.53253998	0.01396863													
RNF41	NM_194358_bp728_R	AGCTAAAAAGCGGAACATGTTGTCAAAGCTTCTCTTGAAAGCTTTGACAACATGTTCCGCGGG	Hs.591031	3608	3.5663	1.21560102	0.000737929				-0.2125125	0.32116025	0.355377761							
RNF41	NM_194358_bp728_R	AGCTAAAAAGCGGAACATGTTGTCAAAGCTTCTCTTGAAAGCTTTGACAACATGTTCCGCGGG	Hs.591031	8984	2.802325	0.38069088	2.94E-05				-0.40791667	0.15951549	0.141760861							
RNF41	NM_194358_bp728_R	AGCTAAAAAGCGGAACATGTTGTCAAAGCTTCTCTTGAAAGCTTTGACAACATGTTCCGCGGG	Hs.591031	14360	3.779725	1.25460574	0.000645634				-0.0342625	0.49098955	0.895116856							
RNF44	BC063297_bp1612_R	AGCTAAAAAGCTCCCGTCGTACCGCTTTAATCTTGAATTAAACGCGGTACGACGCGGAGCCGG	Hs.434888	4576	-0.4356	0.42257246	0.143154522	-0.048125	0.37400684	0.820372159	0.201333333	0.49033312	0.515948155							
RNF44	BC063297_bp1612_R	AGCTAAAAAGCTCCCGTCGTACCGCTTTAATCTTGAATTAAACGCGGTACGACGCGGAGCCGG	Hs.434888	9952	-0.108125	0.74630121	0.746276	-0.0226	0.35104722	0.911771943	0.154266667	0.43758842	0.601490006							
RNF44	BC063297_bp1612_R	AGCTAAAAAGCTCCCGTCGTACCGCTTTAATCTTGAATTAAACGCGGTACGACGCGGAGCCGG	Hs.434888	15328	-0.08365	0.75244501	0.803219262	0.017275	0.33750141	0.93102982	0.064733333	0.3730763	0.816287527							
RNF44	BC063297_bp935_R	AGCTAAAAAGCATGCTCCGTGATGTTCAGTTTCTCTTGAAACTGAACATCACGGAGCATGCGG	Hs.434888	4574	0.5111	0.80431234	0.189440096	-0.41475	0.22798208	0.065573134	-0.0971	0.73570828	0.792510275							
RNF44	BC063297_bp935_R	AGCTAAAAAGCATGCTCCGTGATGTTCAGTTTCTCTTGAAACTGAACATCACGGAGCATGCGG	Hs.434888	9950	0.773575	0.74594889	0.157962641	-0.0533	0.77856155	0.883275464	-0.0894	0.83150696	0.821929601							
RNF44	BC063297_bp935_R	AGCTAAAAAGCATGCTCCGTGATGTTCAGTTTCTCTTGAAACTGAACATCACGGAGCATGCGG	Hs.434888	15326	2.155266667	1.04103077	0.009026304	-0.5414	0.64894249	0.132133157	0.1329	1.28318989	0.80725428							
RNF7	NM_183063_bp1736_R	AGCTAAAAAGCCCAGATGATAATAATTTAACTCTCTTGAAGTTAAATTATATCATCTGGGCGG	Hs.134623	3572	-0.48705	0.28679917	0.035324868				0.00315	0.4012831	0.993064788							
RNF7	NM_183063_bp1736_R	AGCTAAAAAGCCCAGATGATAATAATTTAACTCTCTTGAAGTTAAATTATATCATCTGGGCGG	Hs.134623	8948	-0.477	0.29323744	0.039076236				-0.0832	0.32013886	0.757530275							
RNF7	NM_183063_bp1736_R	AGCTAAAAAGCCCAGATGATAATAATTTAACTCTCTTGAAGTTAAATTATATCATCTGGGCGG	Hs.134623	14324	-0.515175	0.35217599	0.040502974				-0.2234125	0.2093403	0.293963587							
RNF7	NM_183063_bp359_R	AGCTAAAAAGCCAGTGAAATGGGATTTGACTCTCTTGAAGTCAAATCCCATTTCACTGGCGG	Hs.134623	3570	-0.708333333	0.15276553	0.016304459				-0.1855	0.13676999	0.461236004						

ROR2	NM_004560_bp1131_R	AGCTAAAAAGCCGCTACCATCAGTGCTATATCTCTTGAATATAGCACTGATGGTAGCGGCCGG	Hs.98255	1842	2.78955									
ROR2	NM_004560_bp1131_R	AGCTAAAAAGCCGCTACCATCAGTGCTATATCTCTTGAATATAGCACTGATGGTAGCGGCCGG	Hs.98255	1218	3.73415									
ROR2	NM_004560_bp1131_R	AGCTAAAAAGCCGCTACCATCAGTGCTATATCTCTTGAATATAGCACTGATGGTAGCGGCCGG	Hs.98255	12594	0.197175	1.30379132	0.720316502	-1.097566667	2.89229037	0.443948557				
ROR2	NM_004560_bp2446_R	AGCTAAAAAGGGCAACCTTTCCAACTACAATCTCTTGAATTGTAGTTGGAAAGGTTGCCCGG	Hs.98255	12596	2.6586									
ROR2	NM_004560_bp2446_R	AGCTAAAAAGGGCAACCTTTCCAACTACAATCTCTTGAATTGTAGTTGGAAAGGTTGCCCGG	Hs.98255	7220										
ROS1	NM_002944_bp2398_R	AGCTAAAAAGACGGATATCTCAGAGAATTATCTCTTGAATAATTCTCTGAGATATCCGTCGG	Hs.1041	1885				-0.1621						
ROS1	NM_002944_bp2398_R	AGCTAAAAAGACGGATATCTCAGAGAATTATCTCTTGAATAATTCTCTGAGATATCCGTCGG	Hs.1041	7261				-0.255						
ROS1	NM_002944_bp2398_R	AGCTAAAAAGACGGATATCTCAGAGAATTATCTCTTGAATAATTCTCTGAGATATCCGTCGG	Hs.1041	12637				-0.2097						
ROS1	NM_002944_bp5325_R	AGCTAAAAAGTCCTGCTTATGTCTGTAATATCTCTTGAATATTACAGACATAAGCAGGACGG	Hs.1041	292	1.007525	0.51967699	0.008300882	1.2890625	0.19330671	0.000609435				
ROS1	NM_002944_bp5325_R	AGCTAAAAAGTCCTGCTTATGTCTGTAATATCTCTTGAATATTACAGACATAAGCAGGACGG	Hs.1041	5668	1.099325	0.46834271	0.004284889	1.3835375	0.1770258	0.000408445				
ROS1	NM_002944_bp5325_R	AGCTAAAAAGTCCTGCTTATGTCTGTAATATCTCTTGAATATTACAGACATAAGCAGGACGG	Hs.1041	11044	1.120575	0.48248043	0.004298599	1.3606625	0.31656528	0.001078399				
ROS1	NM_002944_bp5724_R	AGCTAAAAAGTGGAATCAGTGAGAATATTATCTCTTGAATAATATTCTCAGTGATTCCACGG	Hs.1041	293	0.157525	0.28729673	0.39778399	0.6070375	0.13866363	0.009710595				
ROS1	NM_002944_bp5724_R	AGCTAAAAAGTGGAATCAGTGAGAATATTATCTCTTGAATAATATTCTCAGTGATTCCACGG	Hs.1041	5669	0.314075	0.36063186	0.1593857	0.7110625	0.06145122	0.00404179				
ROS1	NM_002944_bp5724_R	AGCTAAAAAGTGGAATCAGTGAGAATATTATCTCTTGAATAATATTCTCAGTGATTCCACGG	Hs.1041	11045	0.1595	0.30846254	0.460666237	0.5194875	0.10332996	0.015008052				
RP11-647M7.1 BC070110_bp1864_R		AGCTAAAAAGCAGCTAGAGTAGAAATTCAATCTCTTGAATTGAATTTCTACTCTAGCTGCGG	Hs.274267	4265	-0.833725	5.53637273	0.018928264	0.30235	0.65559309	0.36052877	-1.1931			
RP11-647M7.1 BC070110_bp1864_R		AGCTAAAAAGCAGCTAGAGTAGAAATTCAATCTCTTGAATTGAATTTCTACTCTAGCTGCGG	Hs.274267	9641	-0.738166667	0.44848532	0.040432073	-0.175566667	0.65235754	0.627828156	-1.2252			
RP11-647M7.1 BC070110_bp1864_R		AGCTAAAAAGCAGCTAGAGTAGAAATTCAATCTCTTGAATTGAATTTCTACTCTAGCTGCGG	Hs.274267	15017	-0.8429	0.33309271	0.017139161	0.12595	0.54219831	0.646111973	-1.1563			
RP11-647M7.1 BC070110_bp2198_R		AGCTAAAAAGCCGTGTTTATCCTGAAAGTATCTCTTGAATACTTTCAGGATAAACACGGCGG	Hs.274267	4267	-1.402525	0.22017807	0.000269655	0.74435	0.33280141	0.01310864	0.853866667	0.61594185	0.043006627	
RP11-647M7.1 BC070110_bp2198_R		AGCTAAAAAGCCGTGTTTATCCTGAAAGTATCTCTTGAATACTTTCAGGATAAACACGGCGG	Hs.274267	15019	-1.4312	0.22782872	0.000257508	0.5093	0.38205369	0.05887038	0.565366667	0.53076847	0.115057154	
RP11-647M7.1 BC070110_bp2198_R		AGCTAAAAAGCCGTGTTTATCCTGAAAGTATCTCTTGAATACTTTCAGGATAAACACGGCGG	Hs.274267	9643	-1.631633333	0.18792973	0.000870235	0.12045	0.62204184	0.770493012				
RP11-647M7.1 BC070110_bp537_R		AGCTAAAAAGGGGATCCTGTGCATAGATAATCTCTTGAATTATCTATGCACAGGATCCCCGG	Hs.274267	4269	2.213275	0.73357425	0.000847774	0.669233333	0.27631613	0.038975811	0.0417	0.91479326	0.921293621	
RP11-647M7.1 BC070110_bp537_R		AGCTAAAAAGGGGATCCTGTGCATAGATAATCTCTTGAATTATCTATGCACAGGATCCCCGG	Hs.274267	9645	2.2909	0.96574884	0.002129986				0.251933333	0.92975773	0.561829259	
RP11-647M7.1 BC070110_bp537_R		AGCTAAAAAGGGGATCCTGTGCATAGATAATCTCTTGAATTATCTATGCACAGGATCCCCGG	Hs.274267	15021	2.3037	0.67946398	0.000525536	0.44165	0.66777132	0.209351433	0.084166667	1.12573103	0.863828656	
RP3-402G11.1 AW009248_bp324_R		AGCTAAAAACTCAGACAGTTAAATAATCCTCTCTTGAAGGATTATTTAACTGTCTGAGCGG	Hs.592213	4176	-0.481125	0.20459432	0.024607261	-0.510225	0.28421884	0.036700203	-0.35493333	0.47110006	0.266279938	
RP3-402G11.1 AW009248_bp324_R		AGCTAAAAACTCAGACAGTTAAATAATCCTCTCTTGAAGGATTATTTAACTGTCTGAGCGG	Hs.592213	9552	-0.546325	0.35955587	0.034575494	-0.576	0.32680209	0.036804055	-0.45896667	0.42747942	0.15516227	
RP3-402G11.1 AW009248_bp324_R		AGCTAAAAACTCAGACAGTTAAATAATCCTCTCTTGAAGGATTATTTAACTGTCTGAGCGG	Hs.592213	14928	-0.638475	0.40169756	0.02501711	-0.43005	0.22588797	0.059213097	-0.14216667	0.51065797	0.647856122	
RP3-402G11.1 AW009248_bp78_R		AGCTAAAAAGACGCACACCTGATTTGATTCTCTCTTGAAGAATCAAATCAGGTGTGCGTCGG	Hs.592213	4174	-0.274525	0.30599449	0.177910884	0.331075	0.77171507	0.380250225	1.08045	0.80108127	0.059875719	
RP3-402G11.1 AW009248_bp78_R		AGCTAAAAAGACGCACACCTGATTTGATTCTCTCTTGAAGAATCAAATCAGGTGTGCGTCGG	Hs.592213	9550	0.004	0.86614617	0.991540301	0.50825	0.49232216	0.092838478	0.586933333	0.94162576	0.210479436	
RP3-402G11.1 AW009248_bp78_R		AGCTAAAAAGACGCACACCTGATTTGATTCTCTCTTGAAGAATCAAATCAGGTGTGCGTCGG	Hs.592213	14926	-0.353475	0.22496356	0.072463244	0.58395	0.40281646	0.043072337	1.0002	1.29561588	0.11203971	
RP4-691N24.1 NM_025176_bp1668_R		AGCTAAAAAGCAGCAGTCCTGAAGGAATACTCTCTTGAAGTATTCCTTCAGGACTGCTGCGG	Hs.98452	3657	-1.35005	0.35994495	0.000821339				0.0471625	0.723733	0.884508322	
RP4-691N24.1 NM_025176_bp1668_R		AGCTAAAAAGCAGCAGTCCTGAAGGAATACTCTCTTGAAGTATTCCTTCAGGACTGCTGCGG	Hs.98452	9033	-1.311875	0.27059113	0.000519514				0.0049			
RP4-691N24.1 NM_025176_bp1668_R		AGCTAAAAAGCAGCAGTCCTGAAGGAATACTCTCTTGAAGTATTCCTTCAGGACTGCTGCGG	Hs.98452	14409	-1.258025	0.25650423	0.000574444				0.405			
RP4-691N24.1 NM_025176_bp205_R		AGCTAAAAAGGGTTAACTTTGAGGAATTTATCTCTTGAATAAATTCCTCAAAGTTAACCCGG	Hs.98452	9029	-1.405675	0.66479292	0.004495257				-0.26768333	0.45455376	0.383478666	
RP4-691N24.1 NM_025176_bp205_R		AGCTAAAAAGGGTTAACTTTGAGGAATTTATCTCTTGAATAAATTCCTCAAAGTTAACCCGG	Hs.98452	14405	-1.726975	0.15084817	6.48E-05				-0.38338333	1.02158422	0.416933594	
RP4-691N24.1 NM_025176_bp205_R		AGCTAAAAAGGGTTAACTTTGAGGAATTTATCTCTTGAATAAATTCCTCAAAGTTAACCCGG	Hs.98452	3653	-1.697275	0.24918739	0.000131259				0.0182			
RP4-691N24.1 NM_025176_bp237_R		AGCTAAAAATGGCCTGTGTTGTCTTCAAATTCTCTTGAAATTTGAAGACAACACAGCCACGG	Hs.98452	3655	-0.095075	0.43711163	0.673699201				0.0865175	0.68465759	0.782782215	
RP4-691N24.1 NM_025176_bp237_R		AGCTAAAAATGGCCTGTGTTGTCTTCAAATTCTCTTGAAATTTGAAGACAACACAGCCACGG	Hs.98452	14407	-0.101325	0.36309974	0.618208015				0.2133875	0.4891576	0.423630366	
RP4-691N24.1 NM_025176_bp237_R		AGCTAAAAATGGCCTGTGTTGTCTTCAAATTCTCTTGAAATTTGAAGACAACACAGCCACGG	Hs.98452	9031	-0.019925	0.37360431	0.522134903				1.2995	1.2078798	0.066983284	
RPL17	NM_000985_bp18_R	AGCTAAAAAGCCTGAGGGTTGACTGGATTGTCTCTTGAACAATCCAGTCAACCCTCAGGCGG	Hs.374588	3001	0.325025	0.73007458	0.343027968				0.92805	1.3844687	0.122754641	
RPL17	NM_000985_bp18_R	AGCTAAAAAGCCTGAGGGTTGACTGGATTGTCTCTTGAACAATCCAGTCAACCCTCAGGCGG	Hs.374588	8377	0.8679	0.60613468	0.022790483				0.7518	1.58200448	0.244501361	
RPL17	NM_000985_bp18_R	AGCTAAAAAGCCTGAGGGTTGACTGGATTGTCTCTTGAACAATCCAGTCAACCCTCAGGCGG	Hs.374588	13753	0.73175	0.60819996	0.041319278				0.53565	1.10428388	0.256032428	
RPL17	NM_000985_bp196_R	AGCTAAAAGTTCGAATCATCTGATATTTATCTCTTGAATAAATATCAGATGATTCGAACGG	Hs.374588	2973	-2.31025	0.30480636	4.35E-05				-0.641625	1.01257441	0.157688641	
RPL17	NM_000985_bp196_R	AGCTAAAAGTTCGAATCATCTGATATTTATCTCTTGAATAAATATCAGATGATTCGAACGG	Hs.374588	8349	-1.74435	0.26683165	0.000130094				-0.5676	0.96161759	0.187685792	
RPL17	NM_000985_bp196_R	AGCTAAAAGTTCGAATCATCTGATATTTATCTCTTGAATAAATATCAGATGATTCGAACGG	Hs.374588	13725	-1.809175	0.1928136	6.62E-05				-0.660525	0.82442931	0.100006242	
RPL17	NM_000985_bp71_R	AGCTAAAAAGTGCTGTAGTTACTGGAAGATTCTCTTGAAATCTTCCAGTAACTACAGCACGG	Hs.374588	2975	1.132525	0.71590554	0.013825396				1.09805	0.9246815	0.024889588	
RPL17	NM_000985_bp71_R	AGCTAAAAAGTGCTGTAGTTACTGGAAGATTCTCTTGAAATCTTCCAGTAACTACAGCACGG	Hs.374588	8351	1.256175	0.64339519	0.006469346				1.099475	0.94972843	0.026802354	
RPL17	NM_000985_bp71_R	AGCTAAAAAGTGCTGTAGTTACTGGAAGATTCTCTTGAAATCTTCCAGTAACTACAGCACGG	Hs.374588	13727	1.18735	0.72104249	0.011769417				1.067675	0.93314758	0.028456854	
RPL30	NM_000989_bp253_R	AGCTAAAAAGACTATGCTGTATCGACTAATCTCTTGAATTAGCCAACATAGCATAGTACGG	Hs.400295	3026	2.710366667	0.8713447	0.002268678				1.61315	0.97988892	0.005784362	
RPL30	NM_000989_bp253_R	AGCTAAAAAGACTATGCTGTATCGACTAATCTCTTGAATTAGCCAACATAGCATAGTACGG	Hs.400295	8402	2.54125	1.01285596	0.001620469				1.8806	0.85942667	0.001659433	
RPL30	NM_000989_bp253_R	AGCTAAAAAGACTATGCTGTATCGACTAATCTCTTGAATTAGCCAACATAGCATAGTACGG	Hs.400295	13778	2.242025	0.54338981	0.000265599				1.750325	0.86591656	0.002459562	
RPL30	NM_000989_bp345_R	AGCTAAAAAGCACACTGGCTATCATTGATCTCTCTTGAAGATCAATGATAGCCAGTGTGCCGG	Hs.400295	2996	1.3331	1.25885531	0.045428746				1.340425	1.14260073	0.022113759	
RPL30	NM_000989_bp345_R	AGCTAAAAAGCACACTGGCTATCATTGATCTCTCTTGAAGATCAATGATAGCCAGTGTGCCGG	Hs.400295	8372	1.3497	0.5042326	0.00221767				1.55795	1.49890953	0.030591245	
RPL30	NM_000989_bp345_R	AGCTAAAAAGCACACTGGCTATCATTGATCTCTCTTGAAGATCAATGATAGCCAGTGTGCCGG	Hs.400295	13748	1.5679	1.0759192	0.015478762				1.29645	1.0505899	0.01919073	
RPL30	NM_000989_bp97_R	AGCTAAAAAGTCGCTGGAGTCGATCAACTCTCTCTTGAAGAGTTGATCGACTCCAGCGACGCGG	Hs.400295	2998	0.052925	0.36335255	0.792784408				-0.514625	0.62244412	0.118302906	
RPL30	NM_000989_bp97_R	AGCTAAAAAGTCGCTGGAGTCGATCAACTCTCTCTTGAAGAGTTGATCGACTCCAGCGACGCGG	Hs.400295	8374	0.091675	0.33181952	0.636125592				-0.59115	0.65117361	0.087785736	
RPL30	NM_000989_bp97_R	AGCTAAAAAGTCGCTGGAGTCGATCAACTCTCTCTTGAAGAGTTGATCGACTCCAGCGACGCGG	Hs.400295	13750	0.054875	0.3691441	0.787113952				-0.585675	0.66512604	0.093491615	
RPL4	NM_000968_bp1128_R	AGCTAAAAGCAGCGGCACTACAAGCCAAATCTCTTGAATTTGGCTTGTAGTGCCGCTGCGG	Hs.591306	2752	4.6529	1.56012743	0.001901493				3.5583625	1.98112299	0.002341026	
RPL4	NM_000968_bp1128_R	AGCTAAAAGCAGCGGCACTACAAGCCAAATCTCTTGAATTTGGCTTGTAGTGCCGCTGCGG	Hs.591306	8128	3.12475	1.99789624	0.010082803				3.9217125	2.41187965	0.003650251	
RPL4	NM_000968_bp1128_R	AGCTAAAAGCAGCGGCACTACAAGCCAAATCTCTTGAATTTGGCTTGTAGTGCCGCTGCGG	Hs.591306	13504	3.6171	2.13484538	0.007076227				4.0866875	2.70532262	0.005094583	
RPL4	NM_000968_bp154_R	AGCTAAAAGACCAGATATTGTGAACTTTGTCTCTTGAACAAAGTTCACAATATCTGGTCGG	Hs.591306	2750	1.81755	0.81390902	0.003021954				0.6935375	0.70221059	0.051312058	
RPL4	NM_000968_bp154_R	AGCTAAAAGACCAGATATTGTGAACTTTGTCTCTTGAACAAAGTTCACAATATCTGGTCGG	Hs.591306	8126	1.7903	0.82091556	0.003344146				0.6493125	0.69804131	0.061916839	
RPL4	NM_000968_bp154_R	AGCTAAAAGACCAGATATTGTGAACTTTGTCTCTTGAACAAAGTTCACAATATCTGGTCGG	Hs.591306	13502	1.848525	0.85551533	0.003378605				0.6763625	0.78436321	0.070178029	
RPL4	NM_000968_bp352_R	AGCTAAAAGCCGAATGTTTGCACCAACCATCTCTCTTGAATGGTTGGTCGCAAACATTCGGCGG	Hs.591306	13500	0.697175	0.26988493	0.006359277				-0.22151667	0.98786567	0.689461274	
RPL4	NM_000968_bp352_R	AGCTAAAAGCCGAATGTTTGCACCAACCATCTCTCTTGAATGGTTGGTCGCAAACATTCGGCGG	Hs.591306	2748	0.693575	0.25414541	0.004954991				-0.2332	0.56865527	0.625314608	
RPL4	NM_000968_bp352_R	AGCTAAAAGCCGAATGTTTGCACCAACCATCTCTCTTGAATGGTTGGTCGCAAACATTCGGCGG	Hs.591306	8124	0.662775	0.29257902	0.007830707				-0.19565	0.62826438	0.700442473	
RPL4	NM_004721_bp2797_R	AGCTAAAAGTCAGTCATATTCAACCTTTATCTCTCTTGAATAAAGGTTGAATATGACTGGCGG	Hs.432898	1890	-0.33715	0.52530409	0.220196146	0.896933333	0.80940107	0.093373612				
RPL4	NM_004721_bp2797_R	AGCTAAAAGTCAGTCATATTCAACCTTTATCTCTCTTGAATAAAGGTTGAATATGACTGGCGG	Hs.432898	7266	-0.525475	0.92478735	0.225391088	0.6112	1.88398959	0.512360637				
RPL4	NM_004721_bp2797_R	AGCTAAAAGTCAGTCATATTCAACCTTTATCTCTCTTGAATAAAGGTTGAATATGACTGGCGG	Hs.432898	12642	-0.11135	1.34096892	0.843145305	2.174333333	1.58935984	0.045552595				
RPL4	NM_004721_bp655_R	AGCTAAAAGTGGGTTTCTTGAAGGACTATTCTCTTGAAATAGTCCTTCAAGAAACCCACGG	Hs.432898	1892	-0.972566667	0.78243374	0.053555109	-0.601233333	3.02152736	0.67777989				
RPL4	NM_004721_bp655_R	AGCTAAAAGTGGGTTTCTTGAAGGACTATTCTCTTGAAATAGTCCTTCAAGAAACCCACGG	Hs.432898	7268	-0.97785	0.49227896	0.008042095	-1.7749	4.95498006	0.494746303				
RPL4	NM_004721_bp655_R	AGCTAAAAGTGGGTTTCTTGAAGGACTATTCTCTTGAAATAGTCCTTCAAGAAACCCACGG	Hs.432898	12644	-0.8188	0.48846901	0.015841681	0.378666667	3.20285818	0.803129327				
RPL4	NM_004721_bp947_R	AGCTAAAAGGCCCATGTTATTGTATTATTCTCTTGAAATAACAATAACATGGGGCCGG	Hs.432898	1894	0.561575	2.91618059	0.641672045	2.458066667	1.9352264	0.054166164				
RPL4	NM_004721_bp947_R	AGCTAAAAGGCCCATGTTATTGTATTATTCTCTTGAAATAACAATAACATGGGGCCGG	Hs.432898	7270	0.9408	3.84098607	0.555645442	2.0192	2.65429637	0.169917774				
RPL4	NM_004721_bp947_R	AGCTAAAAGGCCCATGTTATTGTATTATTCTCTTGAAATAACAATAACATGGGGCCGG	Hs.432898	12646	1.230675	3.98487813	0.462086791	3.406966667	0.63145296	0.000898792				
RPL41	AL832604_bp1410_R	AGCTAAAAAGAGGCCTCGATGCAATTATTATCTCTTGAATATAATTGCATCGAGGCCTCGG	Hs.282998	4026	1.0180625	0.20772304	0.001116603				0.21495	0.4440078	0.401126097	
RPL41	AL832604_bp1410_R	AGCTAAAAAGAGGCCTCGATGCAATTATTATCTCTTGAATATAATTGCATCGAGGCCTCGG	Hs.282998	9402	1.2129875	0.24129941	0.000615286				-0.2488	0.48969131	0.355697581	
RPL41	AL832604_bp1410_R	AGCTAAAAAGAGGCCTCGATGCAATTATTATCTCTTGAATATAATTGCATCGAGGCCTCGG	Hs.282998	14778	0.9924125	0.13859418	0.000853548				0.08375	0.43227117	0.73414189	
RPL41	AL832604_bp3532_R	AGCTAAAAAGGCACCTTTCTTTGCAAATGATCTCTTGAATCATTTGCAAAGAAAGGTGCCGG	Hs.282998	4028	0.4290125	0.32768227	0.063828844				0.6684	0.58533224	0.049445571	
RPL41	AL832604_bp3532_R	AGCTAAAAAGGCACCTTTCTTTGCAAATGATCTCTTGAATCATTTGCAAAGAAAGGTGCCGG	Hs.282998	9404	0.4595625	0.3706276	0.062953175				0.66335	0.38113482	0.024960369	
RPL41	AL832604_bp3532_R	AGCTAAAAAGGCACCTTTCTTTGCAAATGATCTCTTGAATCATTTGCAAAGAAAGGTGCCGG	Hs.282998	14780	0.336916667	0.38303809	0.211088807				0.62985	0.56218904	0.055860939	
RPL41	AL832604_bp958_R	AGCTAAAAAGGAGGGAGTGTTTCTCTTCTATCTCTTGAATAGAAGAGAAACACTCCCTCCGG	Hs.282998	4030							-0.39795	0.28990107	0.102073561	
RPL41	AL832604_bp958_R	AGCTAAAAAGGAGGGAGTGTTTCTCTTCTATCTCTTGAATAGAAGAGAAACACTCCCTCCGG	Hs.282998	9406							-0.337725	0.37437079	0.179929419	
RPL41	AL832604_bp958_R	AGCTAAAAAGGAGGGAGTGTTTCTCTTCTATCTCTTGAATAGAAGAGAAACACTCCCTCCGG	Hs.282998	14782	1.2235						-0.2581	0.35166157	0.28133598	
RPL6	NM_000970_bp116_R	AGCTAAAAAAAGGGTAACCTCAAAGCTAAATCTCTTGAATTTAGCTTTGAGGTTACCCTTGG	Hs.546283	8418	3.340975	0.65036367	7.49E-05				5.09165	1.97986442	0.000368639	
RPL6	NM_000970_bp116_R	AGCTAAAAAAAGGGTAACCTCAAAGCTAAATCTCTTGAATTTAGCTTTGAGGTTACCCTTGG	Hs.546283	13794	3.00135	1.35705391	0.002576157				4.955125	1.83576251	0.000029013	
RPL6	NM_000970_bp116_R	AGCTAAAAAAAGGGTAACCTCAAAGCTAAATCTCTTGAATTTAGCTTTGAGGTTACCCTTGG	Hs.546283	3042	3.3957	0.39549196	0.000123522				4.163533333	1.71406405	0.001387175	
RPL6	NM_000970_bp229_R	AGCTAAAAAGGCCATGTACAAGAGGAAGTATCTCTTGAATACTTCCTCTTGTACATGGCCGG	Hs.546283	3040	1.031733333	0.24132752	0.005913623				0.4301	1.31656192	0.418633175	
RPL6	NM_000970_bp229_R	AGCTAAAAAGGCCATGTACAAGAGGAAGTATCTCTTGAATACTTCCTCTTGTACATGGCCGG	Hs.546283	8416	1.810166667	0.27045407	0.000810499				0.217575	1.02507398	0.607845575	
RPL6	NM_000970_bp229_R	AGCTAAAAAGGCCATGTACAAGAGGAAGTATCTCTTGAATACTTCCTCTTGTACATGGCCGG	Hs.546283	13792	1.095566667	0.30051383	0.0060493				-0.0445	0.65536201	0.883857908	
RPL6	NM_000970_bp292_R	AGCTAAAAAGGTTCTCGCAACTGTTACAAATCTCTTGAATTTGTAACAGTTGCGAGAACCGG	Hs.546283	3044	4.390733333	2.2571669	0.00923544				3.86045	1.44324201	0.000344484	
RPL6	NM_000970_bp292_R	AGCTAAAAAGGTTCTCGCAACTGTTACAAATCTCTTGAATTTGTAACAGTTGCGAGAACCGG	Hs.546283	8420	4.021033333	1.9495267	0.007676244	0.007676244	0.00759242		3.57815	1.15065628	0.00017688	
RPL6	NM_000970_bp292_R	AGCTAAAAAGGTTCTCGCAACTGTTACAAATCTCTTGAATTTGTAACAGTTGCGAGAACCGG	Hs.546283	13796	4.641533333	2.34322196	0.008631837				3.8396	0.85548183	3.09E-05	
RPL8	NM_033301_bp302_R	AGCTAAAAAGGGATCCGTATCGGTTTAAGATATCTCTTGAATCTTAAACCGATACGGATCCCGG	Hs.178551	13506										
RPL8	NM_033301_bp302_R	AGCTAAAAAGGGATCCGTATCGGTTTAAGATATCTCTTGAATCTTAAACCGATACGGATCCCGG	Hs.178551	8130										
RPL8	NM_033301_bp511_R	AGCTAAAAAGCCACCGTTATCTCCCACAACTCTCTTGAAGTTGTGGGAGATAACGGTGGCGGG	Hs.178551	2758	-0.9142	0.40594132	0.007825311				-0.5350375	1.07898746	0.283473744	
RPL8	NM_033301_bp511_R	AGCTAAAAAGCCACCGTTATCTCCCACAACTCTCTTGAAGTTGTGGGAGATAACGGTGGCGGG	Hs.178551	8134	-0.954975	0.37220304	0.005032511				-0.1731625	1.21734678	0.787030857	
RPL8	NM_033301_bp511_R	AGCTAAAAAGCCACCGTTATCTCCCACAACTCTCTTGAAGTTGTGGGAGATAACGGTGGCGGG	Hs.178551	13510	-1.00545	0.39709291	0.004887732				-0.5146125	1.01134023	0.285937717	
RPL8	NM_033301_bp666_R	AGCTAAAAAGTACCAAAATATAAGGCAAATCTCTTGAATTTGCCTTATATTTGTGGTACGG	Hs.178551	2756	-0.92605	0.01004092	0.037227076				-0.2371125	0.37568465	0.414849624	
RPL8	NM_033301_bp666_R	AGCTAAAAAGTACCAAAATATAAGGCAAATCTCTTGAATTTGCCTTATATTTGTGGTACGG	Hs.178551	8132	-0.7824	0.06724586	0.060362102				-0.2221125	0.40923164	0.439779965	
RPL8	NM_033301_bp666_R	AGCTAAAAAGTACCAAAATATAAGGCAAATCTCTTGAATTTGCCTTATATTTGTGGTACGG	Hs.178551	13508	-0.78875	0.27647875	0.074759387				-0.23251667	0.33033118	0.492202288	
RPS11	NM_001015_bp237_R	AGCTAAAAAGGCACCTACATTGACAAGAAATCTCTTGAATTTCTTGTCAATGTAGGTGCCGG	Hs.433529	2760	0.7379	0.15080939	0.002798263				0.7938375	0.48473146	0.014497979	
RPS11	NM_001015_bp237_R	AGCTAAAAAGGCACCTACATTGACAAGAAATCTCTTGAATTTCTTGTCAATGTAGGTGCCGG	Hs.433529	8136	0.849175	0.2751984	0.00335205				0.7851875	0.30383484	0.007239629	
RPS11	NM_001015_bp237_R	AGCTAAAAAGGCACCTACATTGACAAGAAATCTCTTGAATTTCTTGTCAATGTAGGTGCCGG	Hs.433529	13512	0.801775	0.03550954	0.00120438				0.8492875	0.53432048	0.013564718	
RPS11	NM_001015_bp259_R	AGCTAAAAAGCCCCTTCACTGGTAATGTGTTCTCTTGAAACACATTACCAGTGAAGGGGCCGG	Hs.433529	2786							-0.2466625	0.62152515	0.49605593	
RPS11	NM_001015_bp259_R	AGCTAAAAAGCCCCTTCACTGGTAATGTGTTCTCTTGAAACACATTACCAGTGAAGGGGCCGG	Hs.433529	8162	0.323975	0.06508918	0.206071579				-0.2531875	0.62663447	0.485144423	
RPS11	NM_001015_bp259_R	AGCTAAAAAGCCCCTTCACTGGTAATGTGTTCTCTTGAAACACATTACCAGTGAAGGGGCCGG	Hs.433529	13538							-0.2877625	0.59849966	0.407681582	
RPS11	NM_001015_bp346_R	AGCTAAAAAGCCGAGACTATCTGCACTACATCTCTTGAATGTAGTGCAGAATAGCTTCGGCGG	Hs.433529	2788	-0.00825						0.239583333	1.10113206	0.56426496	
RPS11	NM_001015_bp346_R	AGCTAAAAAGCCGAGACTATCTGCACTACATCTCTTGAATGTAGTGCAGAATAGCTTCGGCGG	Hs.433529	8164	0.12135						0.280416667	1.02867558	0.490744941	
RPS11	NM_001015_bp346_R	AGCTAAAAAGCCGAGACTATCTGCACTACATCTCTTGAATGTAGTGCAGAATAGCTTCGGCGG	Hs.433529	13540	-0.07945						0.24555	0.89201712	0.496641628	
RPS13	NM_001017_bp183_R	AGCTAAAAAGGTGTAATCCTGAGAGATTCATCTCTTGAATGAATCTCTCAGGATTACACCGG	Hs.446588	2790	5.567775	1.07598098	5.48E-05				2.9761375	0.86992842	0.000137177	
RPS13	NM_001017_bp183_R	AGCTAAAAAGGTGTAATCCTGAGAGATTCATCTCTTGAATGAATCTCTCAGGATTACACCGG	Hs.446588	8166	5.587525	1.06010489	5.04E-05				2.9833625	0.8814773	0.000143041	
RPS13	NM_001017_bp183_R	AGCTAAAAAGGTGTAATCCTGAGAGATTCATCTCTTGAATGAATCTCTCAGGATTACACCGG	Hs.446588	13542	5.655825	1.03953917	4.38E-05				2.9479375	0.88279825	0.000153753	
RPS13	NM_001017_bp315_R	AGCTAAAAAGCAGTTGCTGTTCGAAAGCATTTCTCTTGAATGCTTTCGAACAGCAACTGCGG	Hs.446588	2794	5.328325	1.4120116	0.000205671				5.0734875	0.57523546	1.19E-06	
RPS13	NM_001017_bp315_R	AGCTAAAAAGCAGTTGCTGTTCGAAAGCATTTCTCTTGAATGCTTTCGAACAGCAACTGCGG	Hs.446588	8170	5.30665	1.37534661	0.000185927				5.0990125	0.55808122	1.05E-06	
RPS13	NM_001017_bp315_R	AGCTAAAAAGCAGTTGCTGTTCGAAAGCATTTCTCTTGAATGCTTTCGAACAGCAACTGCGG	Hs.446588	13546	5.3142	1.3312597	0.000159169				5.0240625	0.52334593	9.34E-07	

RPS6KA2	NM_021135_bp321_R	AGCTAAAAGAAGGTGTCGTGAAGGAGATATCTCTTGAATATCTCCTTCACGACACCTTCGG	Hs.147119	674	-0.1295	0.07412631	0.48753537	0.223633333	0.63753194	0.53497766												
RPS6KA2	NM_021135_bp321_R	AGCTAAAAGAAGGTGTCGTGAAGGAGATATCTCTTGAATATCTCCTTCACGACACCTTCGG	Hs.147119	6050	0.0826	0.18154768	0.67429403	0.7126	0.35423052	0.017309022												
RPS6KA2	NM_021135_bp321_R	AGCTAAAAGAAGGTGTCGTGAAGGAGATATCTCTTGAATATCTCCTTCACGACACCTTCGG	Hs.147119	11426	0.1262	0.13681418	0.51274697	0.6131	0.35967574	0.029786986												
RPS6KA3	NM_004586_bp1345_R	AGCTAAAGCAGTGAAGATATTGATAAATCTCTTGAATTTATCAATAATCTTCACTGCGG	Hs.445387	5681	-0.741766667	3.52168909	0.634564694	1.636166667	2.68511925	0.248770435												
RPS6KA3	NM_004586_bp1345_R	AGCTAAAGCAGTGAAGATATTGATAAATCTCTTGAATTTATCAATAATCTTCACTGCGG	Hs.445387	11057	-0.2971	2.02388128	0.723306882	1.779333333	1.72872361	0.092360758												
RPS6KA3	NM_004586_bp1345_R	AGCTAAAAGCAGTGAAGATATTGATAAATCTCTTGAATTTATCAATAATCTTCACTGCGG	Hs.445387	305				0.09155	3.39602174	0.956990639												
RPS6KA3	NM_004586_bp1879_R	AGCTAAAAAGGAGAAATATTGGCACGAATATCTCTTGAATATTCGTGCCAATATTTCCTCGG	Hs.445387	1848	1.844075	2.35618171	0.101248126	-4.004733333	3.22118212	0.055453866												
RPS6KA3	NM_004586_bp1879_R	AGCTAAAAGAAGGAAATATTGGCACGAATATCTCTTGAATATTCGTGCCAATATTTCCTCGG	Hs.445387	7224	1.769575	2.37848498	0.11489516	-4.047933333	4.03459754	0.093588961												
RPS6KA3	NM_004586_bp1879_R	AGCTAAAAGAAGGAAATATTGGCACGAATATCTCTTGAATATTCGTGCCAATATTTCCTCGG	Hs.445387	12600	1.7655	2.36730432	0.114245311	-4.2207	3.91605797	0.079009739												
RPS6KA4	NM_003942_bp1152_R	AGCTAAAACGACCCTCCATTCTCTTTGACTCTCTTGAAGTCAAAGAGAATGGAGGGTGCGGG	Hs.105584	216	-0.27645	0.40918971	0.233903432	-0.5117875	0.2978524	0.038900761												
RPS6KA4	NM_003942_bp1152_R	AGCTAAAACGACCCTCCATTCTCTTTGACTCTCTTGAAGTCAAAGAGAATGGAGGGTGCGGG	Hs.105584	5592	-0.32255	0.28737802	0.116925912	-0.4450875	0.26731481	0.051485327												
RPS6KA4	NM_003942_bp1152_R	AGCTAAAACGACCCTCCATTCTCTTTGACTCTCTTGAAGTCAAAGAGAATGGAGGGTGCGGG	Hs.105584	10968	-0.284175	0.34115102	0.184414125	-0.3905625	0.28183287	0.079404239												
RPS6KA4	NM_003942_bp2175_R	AGCTAAAAGCCACCTTCATGGCATTCAACTCTCTTGAAGTTGAATGCCATGAAGGTGGCGG	Hs.105584	229	-0.098175	0.08962111	0.496222813	0.0855375	0.09005104	0.5551338												
RPS6KA4	NM_003942_bp2175_R	AGCTAAAAGCCACCTTCATGGCATTCAACTCTCTTGAAGTTGAATGCCATGAAGGTGGCGG	Hs.105584	5605	-0.020775	0.12245158	0.885975819	0.1183125	0.11030162	0.430452042												
RPS6KA4	NM_003942_bp2175_R	AGCTAAAAGCCACCTTCATGGCATTCAACTCTCTTGAAGTTGAATGCCATGAAGGTGGCGG	Hs.105584	10981	0.118525	0.22120596	0.479023266	0.0679625	0.15875104	0.659851309												
RPS6KA4	NM_003942_bp889_R	AGCTAAAAGCTGCTTTGTAAGGATCCTATCTCTTGAATAGGATCCTTACAAAGCAGCCGG	Hs.105584	1682	-0.2818	1.24797117	0.626234732	-0.477333333	0.64306943	0.228804203		-0.6728			-0.0728	0.30386096	0.718442461					
RPS6KA4	NM_003942_bp889_R	AGCTAAAAGCTGCTTTGTAAGGATCCTATCTCTTGAATAGGATCCTTACAAAGCAGCCGG	Hs.105584	7058	-0.227233333	1.38580624	0.719115501	-0.8693	0.38039744	0.026994537												
RPS6KA4	NM_003942_bp889_R	AGCTAAAAGCTGCTTTGTAAGGATCCTATCTCTTGAATAGGATCCTTACAAAGCAGCCGG	Hs.105584	12434	-0.2926	1.31771968	0.630140971	-0.359333333	0.63147587	0.336918467												
RPS6KA5	NM_004755_bp666_R	AGCTAAAAGAGCATGAGGTGCAGATTTATTCTCTTGAAATAAATCTGCACCTCATGCTCGG	Hs.510225	331	-0.052525	2.07475034	0.950960774	-2.877066667	3.49640076	0.144448839												
RPS6KA5	NM_004755_bp666_R	AGCTAAAAGAGCATGAGGTGCAGATTTATTCTCTTGAAATAAATCTGCACCTCATGCTCGG	Hs.510225	5707	-0.436275	1.75870023	0.55613656	-4.463966667	5.11939475	0.127293615												
RPS6KA5	NM_004755_bp666_R	AGCTAAAAGAGCATGAGGTGCAGATTTATTCTCTTGAAATAAATCTGCACCTCATGCTCGG	Hs.510225	11083	-0.423325	1.77209892	0.570239853	-4.660666667	4.84211326	0.10260271												
RPS6KA5	NM_004755_bp728_R	AGCTAAAAGGGATATATATCGTGATATTCTCTTGAAATATCACGATATATAATCCCCGG	Hs.510225	332	-0.9661	1.03472556	0.06982047	-0.592633333	1.09585301	0.316176439												
RPS6KA5	NM_004755_bp728_R	AGCTAAAAGGGATATATATCGTGATATTCTCTTGAAATATCACGATATATAATCCCCGG	Hs.510225	5708	-1.118275	1.12563702	0.056877895	-1.280366667	1.05830934	0.068546966												
RPS6KA5	NM_004755_bp728_R	AGCTAAAAGGGATATATATCGTGATATTCTCTTGAAATATCACGATATATAATCCCCGG	Hs.510225	11084	-1.2239	1.29774359	0.064446209	-1.422333333	1.43110759	0.102619779												
RPS6KA5	NM_004755_bp939_R	AGCTAAAAGTGTCTAATGTATGAATTATCTCTTGAATAATTCATACATTAGAAACCGGG	Hs.510225	333	-0.485833333	0.79548104	0.253224883	-0.1992	0.53220138	0.531324106												
RPS6KA5	NM_004755_bp939_R	AGCTAAAAGTGTCTAATGTATGAATTATCTCTTGAATAATTCATACATTAGAAACCGGG	Hs.510225	5709	0.0713	0.31303707	0.703888361	-0.296366667	0.36337298	0.279234545												
RPS6KA5	NM_004755_bp939_R	AGCTAAAAGTGTCTAATGTATGAATTATCTCTTGAATAATTCATACATTAGAAACCGGG	Hs.510225	11085	-0.283	0.55721297	0.311077202	-0.48	0.23876407	0.082140478												
RPS6KA6	NM_014496_bp1335_R	AGCTAAAAAGCTGCACAATTTGGTGAAGTATCTCTTGAATACTTCACCAAATTGTGCAGCGG	Hs.368153	472	1.20495	2.63921548	0.29408391	-0.7998														
RPS6KA6	NM_014496_bp1335_R	AGCTAAAAAGCTGCACAATTTGGTGAAGTATCTCTTGAATACTTCACCAAATTGTGCAGCGG	Hs.368153	5848	1.67675	3.01921444	0.212616949	-1.444433333	3.59183951	0.636285054												
RPS6KA6	NM_014496_bp1335_R	AGCTAAAAAGCTGCACAATTTGGTGAAGTATCTCTTGAATACTTCACCAAATTGTGCAGCGG	Hs.368153	11224	1.7758	3.16667052	0.208643432	-2.783366667	6.30754467	0.377615397												
RPS6KA6	NM_014496_bp1954_R	AGCTAAAAGCCCCAATGATACTCCTGAAGTCTCTTGAACTTCAGGAGTATCATTGGGGCGG	Hs.368153	5849	-2.306275	3.42071463	0.143024577	-4.570333333	3.9780679	0.067459135												
RPS6KA6	NM_014496_bp1954_R	AGCTAAAAGCCCCAATGATACTCCTGAAGTCTCTTGAACTTCAGGAGTATCATTGGGGCGG	Hs.368153	11225	-3.184475	2.78370013	0.032233641	-3.612266667	2.98777425	0.059796475												
RPS6KA6	NM_014496_bp847_R	AGCTAAAAGTGGTCTATATGGTGTTCTTATCTCTTGAATAAGAACACCATATGACCACCGG	Hs.368153	474	0.668433333	3.36411659	0.653534129	0.4888	1.82475976	0.613787039												
RPS6KA6	NM_014496_bp847_R	AGCTAAAAGTGGTCTATATGGTGTTCTTATCTCTTGAATAAGAACACCATATGACCACCGG	Hs.368153	5850	1.187725	2.71227624	0.311924437	-0.8251	2.76277001	0.540226493												
RPS6KA6	NM_014496_bp847_R	AGCTAAAAGTGGTCTATATGGTGTTCTTATCTCTTGAATAAGAACACCATATGACCACCGG	Hs.368153	11226	0.653266667	4.06792244	0.714854723	-0.526466667	2.40293382	0.649742656												
RPS6KB1	NM_003161_bp165_R	AGCTAAAAGGGGGGTCAGTTAAATGAAGTCTCTTGAACTTTCATTTAACTGACCCCCCGG	Hs.463642	1552	-0.8751	0.35853318	0.016752042	-0.8220125	0.38727682	0.012461268												
RPS6KB1	NM_003161_bp165_R	AGCTAAAAGGGGGGTCAGTTAAATGAAGTCTCTTGAACTTTCATTTAACTGACCCCCCGG	Hs.463642	6928	-0.9076	0.34881478	0.014254832	-0.7908375	0.38018301	0.013782901												
RPS6KB1	NM_003161_bp165_R	AGCTAAAAGGGGGGTCAGTTAAATGAAGTCTCTTGAACTTTCATTTAACTGACCCCCCGG	Hs.463642	12304	-0.835733333	0.31098169	0.016160581	-0.7696125	0.37152141	0.014483566												
RPS6KB1	NM_003161_bp221_R	AGCTAAAAGCATGGAACATTGTGAGAAATTCTCTTGAAATTTCTCACAATGTTCCATGCGG	Hs.463642	318	0.4743	1.01577344	0.303144511	-0.2213125	0.31989162	0.287648697												
RPS6KB1	NM_003161_bp221_R	AGCTAAAAGCATGGAACATTGTGAGAAATTCTCTTGAAATTTCTCACAATGTTCCATGCGG	Hs.463642	5694	0.39505	0.93979929	0.352589657	-0.1757375	0.32704803	0.392005183												
RPS6KB1	NM_003161_bp221_R	AGCTAAAAGCATGGAACATTGTGAGAAATTCTCTTGAAATTTCTCACAATGTTCCATGCGG	Hs.463642	11070	0.451075	0.96713998	0.305807856	-0.2113125	0.35536311	0.331355243												
RPS6KB1	NM_003161_bp99_R	AGCTAAAAGGCAGGAGTGTTTGACATAGATCTCTTGAATCTATGTCAAACACTCCTGCCGG	Hs.463642	1554				0.228233333	0.33358906	0.371707462												
RPS6KB1	NM_003161_bp99_R	AGCTAAAAGGCAGGAGTGTTTGACATAGATCTCTTGAATCTATGTCAAACACTCCTGCCGG	Hs.463642	6930				0.255933333	0.30165048	0.306881946												
RPS6KB1	NM_003161_bp99_R	AGCTAAAAGGCAGGAGTGTTTGACATAGATCTCTTGAATCTATGTCAAACACTCCTGCCGG	Hs.463642	12306				0.289966667	0.27003271	0.241660742												
RPSK1C1	NM_012424_bp1374_R	AGCTAAAAGGTGGCAAACTGTGGTCATATTCTCTTGAAATATGACCACAGTTTGCCACCGG	Hs.30352	5799	3.4169			3.0346														
RPSK1C1	NM_012424_bp1374_R	AGCTAAAAGGTGGCAAACTGTGGTCATATTCTCTTGAAATATGACCACAGTTTGCCACCGG	Hs.30352	423				0.8233														
RPSK1C1	NM_012424_bp1374_R	AGCTAAAAGGTGGCAAACTGTGGTCATATTCTCTTGAAATATGACCACAGTTTGCCACCGG	Hs.30352	11175				3.4773														
RPSK1C1	NM_012424_bp2420_R	AGCTAAAAGCCCAAATCCTATAGTATAACTCTCTTGAAGTTATACTATAGGAGATTTGGGCGG	Hs.30352	424	-1.129775	0.54841185	0.00607377	0.7278	0.43245484	0.053206716												
RPSK1C1	NM_012424_bp2420_R	AGCTAAAAGCCCAAATCCTATAGTATAACTCTCTTGAAGTTATACTATAGGAGATTTGGGCGG	Hs.30352	5800	-1.68515	0.41617985	0.000441805	0.3494	1.37065363	0.608176183												
RPSK1C1	NM_012424_bp2420_R	AGCTAAAAGCCCAAATCCTATAGTATAACTCTCTTGAAGTTATACTATAGGAGATTTGGGCGG	Hs.30352	11176	-1.46745	0.69305286	0.00431633	0.096566667	0.16424708	0.630396645												
RPSK1C1	NM_012424_bp528_R	AGCTAAAAGGTGGAATAATAATGATAGTTCTCTTGAAACTATCATTAATATTATTCCACCGG	Hs.30352	425	-0.980425	0.78879829	0.031420757	-1.550633333	2.96597337	0.309354367												
RPSK1C1	NM_012424_bp528_R	AGCTAAAAGGTGGAATAATAATGATAGTTCTCTTGAAACTATCATTAATATTATTCCACCGG	Hs.30352	5801	-1.2156	0.73956408	0.011651711	-2.1544	3.83355312	0.278575253												
RPSK1C1	NM_012424_bp528_R	AGCTAAAAGGTGGAATAATAATGATAGTTCTCTTGAAACTATCATTAATATTATTCCACCGG	Hs.30352	11177	-1.317675	0.70848296	0.007309337	-2.4328	3.46164084	0.194929119												
RPSK1L1	NM_031464_bp1535_R	AGCTAAAAGGGTCTCTACTGTATGAACTGTCTCTTGAACAGTTCATACAGTAGAGACCCGG	Hs.414481	1973	-0.4333			-0.0435														
RPSK1L1	NM_031464_bp1535_R	AGCTAAAAGGGTCTCTACTGTATGAACTGTCTCTTGAACAGTTCATACAGTAGAGACCCGG	Hs.414481	7349				0.3995														
RPSK1L1	NM_031464_bp1535_R	AGCTAAAAGGGTCTCTACTGTATGAACTGTCTCTTGAACAGTTCATACAGTAGAGACCCGG	Hs.414481	12725	2.4151			0.6117														
RPSK1L1	NM_031464_bp1703_R	AGCTAAAAGAAGGTGGTGTCAGCAAACTCTCTCTTGAAGAGTTTGCTGACACCACCTTCGG	Hs.414481	1975				0.2453														
RPSK1L1	NM_031464_bp1703_R	AGCTAAAAGAAGGTGGTGTCAGCAAACTCTCTCTTGAAGAGTTTGCTGACACCACCTTCGG	Hs.414481	7351				0.0905														
RPSK1L1	NM_031464_bp1703_R	AGCTAAAAGAAGGTGGTGTCAGCAAACTCTCTCTTGAAGAGTTTGCTGACACCACCTTCGG	Hs.414481	12727				0.2473														
RPSK1L1	NM_031464_bp405_R	AGCTAAAAGCGATGGTTAGTGAGGACTATGTCTCTTGAACATGTCCTACTAACATCGCGG	Hs.414481	724	-0.726025	0.21405255	0.005161234	-0.38955	0.34300723	0.108525305												
RPSK1L1	NM_031464_bp405_R	AGCTAAAAGCGATGGTTAGTGAGGACTATGTCTCTTGAACATGTCCTACTAACATCGCGG	Hs.414481	6100	-0.438375	0.29489304	0.051585797	-0.0665	0.42179843	0.77112119												
RPSK1L1	NM_031464_bp405_R	AGCTAAAAGCGATGGTTAGTGAGGACTATGTCTCTTGAACATGTCCTACTAACATCGCGG	Hs.414481	11476	-0.31305	0.25836957	0.113386603	0.237025	0.33163409	0.266754632												
RRM1	NM_001033_bp1049_R	AGCTAAAGTACCGATGCTGAGAGTATATTCTCTTGAAATATACTCTCAGCATCGGTACGG	Hs.558393	2295	3.0818875	0.81041439	0.00026506								2.7646375	0.7345982	0.000110666					
RRM1	NM_001033_bp1049_R	AGCTAAAGTACCGATGCTGAGAGTATATTCTCTTGAAATATACTCTCAGCATCGGTACGG	Hs.558393	7671	3.1830875	0.76113108	0.000176085								2.9720625	0.49017634	1.89E-05					
RRM1	NM_001033_bp1049_R	AGCTAAAGTACCGATGCTGAGAGTATATTCTCTTGAAATATACTCTCAGCATCGGTACGG	Hs.558393	13047	3.4198625	0.7754675	0.000134413								2.9959125	0.53049732	2.26E-05					
RRM1	NM_001033_bp1393_R	AGCTAAAGCAGCTTTGGTATGCCATCATTCTCTTGAAATGATGGCATACCAAAGCTGCGG	Hs.558393	998	0.7931125	0.24124618	0.004161765								0.3716125	0.33364653	0.133721079					
RRM1	NM_001033_bp1393_R	AGCTAAAGCAGCTTTGGTATGCCATCATTCTCTTGAAATGATGGCATACCAAAGCTGCGG	Hs.558393	6374	0.7327625	0.27815457	0.00726268								0.3273375	0.36427928	0.18820115					
RRM1	NM_001033_bp1393_R	AGCTAAAGCAGCTTTGGTATGCCATCATTCTCTTGAAATGATGGCATACCAAAGCTGCGG	Hs.558393	11750	0.6780625	0.1953932	0.006194444								0.2860375	0.35762149	0.239758897					
RRM1	NM_001033_bp1700_R	AGCTAAAAGGCATGCCTATCAAATAAATCTCTTGAATTTATTTGATAGGCATGCCTCGG	Hs.558393	997	3.7499625	0.7091913	5.99E-05								3.6290625	2.27586143	0.004255346					
RRM1	NM_001033_bp1700_R	AGCTAAAAGGCATGCCTATCAAATAAATCTCTTGAATTTATTTGATAGGCATGCCTCGG	Hs.558393	6373	3.8258125	0.78411284	8.17E-05								3.7055625	2.35127195	0.004469401					
RRM1	NM_001033_bp1700_R	AGCTAAAAGGCATGCCTATCAAATAAATCTCTTGAATTTATTTGATAGGCATGCCTCGG	Hs.558393	11749	3.7245625	0.66417501	4.78E-05								3.4640375	2.27022569	0.005254691					
RRM2	NM_001034_bp1050_R	AGCTAAAAGGAGGAGAGTAAGGAAGAATATCTCTTGAATATTTCTCTTACTCTCTCCTCGG	Hs.226390	983	0.7502375	0.11063183	0.002672002								0.6171625	0.49249834	0.047739165					
RRM2	NM_001034_bp1050_R	AGCTAAAAGGAGGAGAGTAAGGAAGAATATCTCTTGAATATTTCTCTTACTCTCTCCTCGG	Hs.226390	6359	0.7020125	0.08815746	0.003298174								0.6455875	0.5053234	0.042706923					
RRM2	NM_001034_bp1050_R	AGCTAAAAGGAGGAGAGTAAGGAAGAATATCTCTTGAATATTTCTCTTACTCTCTCCTCGG	Hs.226390	11735	0.7694125	0.07510169	0.002117013								0.5819625	0.38799541	0.041368753					
RRM2	NM_001034_bp1224_R	AGCTAAAAAGAGAACCCATTTGACTTTATGTCTCTTGAACATAAAGTCAAATGGGTTCTCGG	Hs.226390	984	0.2212125	0.27400691	0.242894239								0.0798625	0.1612898	0.686091982					
RRM2	NM_001034_bp1224_R	AGCTAAAAAGAGAACCCATTTGACTTTATGTCTCTTGAACATAAAGTCAAATGGGTTCTCGG	Hs.226390	6360	0.2287875	0.2829975	0.234593159								0.1008875	0.12561376	0.605821187					
RRM2	NM_001034_bp1224_R	AGCTAAAAAGAGAACCCATTTGACTTTATGTCTCTTGAACATAAAGTCAAATGGGTTCTCGG	Hs.226390	11736	0.2568375	0.30548338	0.20228134								0.0794125	0.16157208	0.688595827					
RRM2	NM_001034_bp915_R	AGCTAAAAAGCGTCGATATTCTGGCTCAAGTCTCTTGAACTTGAGCCAGAATATCGACGCGGG	Hs.226390	2293	-1.3749125	0.15658521	0.000201397								0.2256625	0.4483861	0.381390707					
RRM2	NM_001034_bp915_R	AGCTAAAAGCGTCGATATTCTGGCTCAAGTCTCTTGAACTTGAGCCAGAATATCGACGCGGG	Hs.226390	7669	-1.3695125	0.1325212	0.000181003								0.2668875	0.4827825	0.321397968					
RRM2	NM_001034_bp915_R	AGCTAAAAGCGTCGATATTCTGGCTCAAGTCTCTTGAACTTGAGCCAGAATATCGACGCGGG	Hs.226390	13045	-1.3962625	0.16097626	0.000191667								0.2677375	0.51467187	0.333801941					
RRM2B	NM_015713_bp440_R	AGCTAAAAGCAGAAGAGGTCGACTTATCATCTCTTGAATGATAAGTCGACCTCTTCTGCGG	Hs.512592	2291	1.2016875	0.14547244	0.000360623								0.8122375	0.96419529	0.077728001					
RRM2B	NM_015713_bp440_R	AGCTAAAAGCAGAAGAGGTCGACTTATCATCTCTTGAATGATAAGTCGACCTCTTCTGCGG	Hs.512592	7667	1.1956875	0.14163124	0.000362066								0.7634125	0.95239007	0.090372754					
RRM2B	NM_015713_bp440_R	AGCTAAAAGCAGAAGAGGTCGACTTATCATCTCTTGAATGATAAGTCGACCTCTTCTGCGG	Hs.512592	13043	1.1963875	0.07252717	0.000272139								0.8117875	0.98291543	0.081357823					
RRM2B	NM_015713_bp851_R	AGCTAAAAGCTGCTATATTCTGGCTAAAGTCTCTTGAACTTTAGCCAGAATATAGCAGCGG	Hs.512592	981	-0.8463625	0.48137975	0.01343583								-0.8916125	0.66580687	0.022912305					
RRM2B	NM_015713_bp851_R	AGCTAAAAGCTGCTATATTCTGGCTAAAGTCTCTTGAACTTTAGCCAGAATATAGCAGCGG	Hs.512592	6357	-0.8163875	0.47912167	0.015243821								-0.7042125	0.71131497	0.061514699					
RRM2B	NM_015713_bp851_R	AGCTAAAAGCTGCTATATTCTGGCTAAAGTCTCTTGAACTTTAGCCAGAATATAGCAGCGG	Hs.512592	11733	-0.9761375	0.34921646	0.003376494								-0.8553375	0.53694912	0.016445459					
RRM2B	NM_015713_bp995_R	AGCTAAAAGTCAGGGAGATCATTGTTGATTCTCTTGAAATCAACAATGATCTCCCTGACGG	Hs.512592	982	-0.7072625	0.31094452	0.010207156								0.1133875	0.16179492	0.569991126					
RRM2B	NM_015713_bp995_R	AGCTAAAAGTCAGGGAGATCATTGTTGATTCTCTTGAAATCAACAATGATCTCCCTGACGG	Hs.512592	6358	-0.7465375	0.34094586	0.009835437								0.1948625	0.07617875	0.325243866					
RRM2B	NM_015713_bp995_R	AGCTAAAAGTCAGGGAGATCATTGTTGATTCTCTTGAAATCAACAATGATCTCCCTGACGG	Hs.512592	11734	-0.7599875	0.28834292	0.006647416								0.1475125	0.08481166	0.449597487					
RRP22	BC050739_bp1575_R	AGCTAAAAGGGGACCTCAATGGGTCACAATTCTCTTGAAATTGTGACCCATTGAGGTCCCGG	Hs.73088	4436	0.6448	0.82990295	0.12121627								0.4706	1.13264364	0.401774604					
RRP22	BC050739_bp1575_R	AGCTAAAAGGGGACCTCAATGGGTCACAATTCTCTTGAAATTGTGACCCATTGAGGTCCCGG	Hs.73088	9812	0.5686	0.97267313	0.212037377								0.23825	0.76190756	0.59119612					
RRP22	BC050739_bp1575_R	AGCTAAAAGGGGACCTCAATGGGTCACAATTCTCTTGAAATTGTGACCCATTGAGGTCCCGG	Hs.73088	15188	0.526975	0.64234984	0.118417672								0.20965	0.82625427	0.646675644					
RRP22	BC050739_bp1617_R	AGCTAAAAGGCTATGAACTTGACTGGAAATCTCTTGAATTTCCAGTCAAGTTCATAGCCGG	Hs.73088	4438	-0.29185	0.32016089	0.163810793	-0.025175	0.36550691	0.903974558	-0.47896667	0.06819401	0.089621595									
RRP22	BC050739_bp1617_R	AGCTAAAAGGCTATGAACTTGACTGGAAATCTCTTGAATTTCCAGTCAAGTTCATAGCCGG	Hs.73088	9814	-0.35345	0.38923363	0.134811801	-0.055175	0.45157229	0.817127	-0.58856667	0.08363315	0.049578847									
RRP22	BC050739_bp1617_R	AGCTAAAAGGCTATGAACTTGACTGGAAATCTCTTGAATTTCCAGTCAAGTTCATAGCCGG	Hs.73088	15190	-0.372625	0.32706693	0.094257851	-0.178825	0.40512757	0.437050429	-0.60796667	0.29515444	0.059344413									
RRP22	BC050739_bp1654_R	AGCTAAAAGGAGCTTCACTGGACATATTCTCTCTTGAAGAATATGTCCAGTGAAGCTCCGG	Hs.73088	4434	-0.11	0.34197102	0.577846491	0.22195	0.33697613	0.29786277	-0.29596667	0.30711468	0.294342963									
RRP22	BC050739_bp1654_R	AGCTAAAAGGAGCTTCACTGGACATATTCTCTCTTGAAGAATATGTCCAGTGAAGCTCCGG	Hs.73088	9810	-0.5849	0.48158029	0.049295398	0.201025	0.41463113	0.390825193	-0.23713333	0.37930963	0.412427347									
RRP22	BC050739_bp1654_R	AGCTAAAAGGAGCTTCACTGGACATATTCTCTCTTGAAGAATATGTCCAGTGAAGCTCCGG	Hs.73088	15186	-0.7833	0.26481539	0.016809811	0.3493	0.17551722	0.069974733	-0.1159	0.10076492	0.636035625									
RTN3	NM_201428_bp1113_R	AGCTAAAACGCGTGAATGATATGCATAACTTCTCTTGAAAGTTATTGCATATCATTCACGCGG	Hs.473761	3624	1.40895	0.40094585	0.000917808				1.6809175	0.86409673	0.002997543									
RTN3	NM_201428_bp1113_R	AGCTAAAACGCGTGAATGATATGCATAACTTCTCTTGAAAGTTATTGCATATCATTCACGCGG	Hs.473761	9000	1.5604	0.42536266	0.000808301				1.6081375	0.8026383	0.00285328									
RTN3	NM_201428_bp1113_R	AGCTAAAACGCGTGAATGATATGCATAACTTCTCTTGAAAGTTATTGCATATCATTCACGCGG	Hs.473761	14376	1.804825	0.73503753	0.002158145				1.5322625	0.84482098	0.004329213									
RTN3	NM_201428_bp2221_R	AGCTAAAAGTCCGGTGGTTCTGAAATTAATCTCTTGAATTAATTTCAGAACCACCGGACGG	Hs.473761	3622	-0.17935	1.17958935	0.276079298				0.0313375	0.4557198	0.800692765									
RTN3	NM_201428_bp2221_R	AGCTAAAAGTCCGGTGGTTCTGAAATTAATCTCTTGAATTAATTTCAGAACCACCGGACGG	Hs.473761	8998	-0.587175	0.47808065	0.047952124				0.0855375	0.55262529	0.757397091									
RTN3	NM_201428_bp2221_R	AGCTAAAAGTCCGGTGGTTCTGAAATTAATCTCTTGAATTAATTTCAGAACCACCGGACGG	Hs.473761	14374	-0.137075	0.33669708	0.488602352				-0.30498333	0.17621511	0.252381559									
RXRA	AK131081_bp1087_R	AGCTAAAAGGACCTCCTATGTACTCTATGTCTCTTGAACATAGAGTACATAGGAGGTCCGG	Hs.20084	4155	1.58775	0.88579267	0.034345588				0.2295	0.14191919	0.265707228									
RXRA	AK131081_bp1087_R	AGCTAAAAGGACCTCCTATGTACTCTATGTCTCTTGAACATAGAGTACATAGGAGGTCCGG	Hs.20084	9531	1.5949	0.92786552	0.036942344				0.2223	0.14956276	0.280334066									
RXRA	AK131081_bp1087_R	AGCTAAAAGGACCTCCTATGTACTCTATGTCTCTTGAACATAGAGTACATAGGAGGTCCGG	Hs.20084	14907	1.894833333	0.81086142	0.006816365				0.241475	0.15193039	0.245437122									
RXRA	AK131081_bp1176_R	AGCTAAAAGGTCTCTAGTGGCCTTCAGATCTCTTGAATCTGAAGGCCACTGAGAGACCGG	Hs.20084	4159	0.3163625	0.58680618	0.279739058				0.3381	0.27427242	0.148233103									
RXRA	AK131081_bp1176_R	AGCTAAAAGGTCTCTAGTGGCCTTCAGATCTCTTGAATCTGAAGGCCACTGAGAGACCGG	Hs.20084	9535	0.3261375	0.52652136	0

SAMH01	NM_015474_bp1892_R	AGCTAAAAGCCCCACTCATAACACCTCAATCTCTGAATTGAGGTGTTATGAGTGGGGCGG	Hs.580681	14096	-0.55965	0.33507956	0.028080052				-0.2854875	0.3103938	0.223217787	0.1192	0.34759452	0.5420529	-0.3023	0.26139176	0.103745543		
SAMSN1	AF218085_bp1215_R	AGCTAAAAGTCACCTCATTGAATTAAATATCTCTTGAATATTTAATTCAATGAGGTGACGG	Hs.570423	3628	0.1194375	0.22294763	0.476825373				0.406725	0.55003563	0.173674248								
SAMSN1	AF218085_bp1215_R	AGCTAAAAGTCACCTCATTGAATTAAATATCTCTTGAATATTTAATTCAATGAGGTGACGG	Hs.570423	9004	0.0156875	0.4510338	0.945194789				0.765775	0.58194967	0.030193707								
SAMSN1	AF218085_bp1215_R	AGCTAAAAGTCACCTCATTGAATTAAATATCTCTTGAATATTTAATTCAATGAGGTGACGG	Hs.570423	14380	0.16355	0.16408992	0.414255849				-0.104725	0.51093739	0.694446149								
SAMSN1	AF218085_bp233_R	AGCTAAAAGACTGCAACTTGGAAGATAAATCTCTTGAATTTATCTTCCAAGTTGCAGTCGG	Hs.570423	3630	3.9373375	6.60483364	2.54E-05				0.8139	0.39970008	0.011567894								
SAMSN1	AF218085_bp233_R	AGCTAAAAGACTGCAACTTGGAAGATAAATCTCTTGAATTTATCTTCCAAGTTGCAGTCGG	Hs.570423	9006	3.8167375	6.36346726	5.64E-06				0.702775	0.51590415	0.032721726								
SAMSN1	AF218085_bp233_R	AGCTAAAAGACTGCAACTTGGAAGATAAATCTCTTGAATTTATCTTCCAAGTTGCAGTCGG	Hs.570423	14382	3.14398333	1.22927157	0.00394017				0.6836	0.37588568	0.021768473								
SAMSN1	AF218085_bp988_R	AGCTAAAAGACAGCGAATGTTGAACAATATATCTCTTGAATTATTGTTCAACATTCCTGTCGG	Hs.570423	3626	2.4281875	3.32418021	3.93E-05				0.628975	0.46613081	0.04095344								
SAMSN1	AF218085_bp988_R	AGCTAAAAGACAGCGAATGTTGAACAATATATCTCTTGAATTATTGTTCAACATTCCTGTCGG	Hs.570423	9002	2.4000625	5.33865558	0.000185992				0.57	0.22378874	0.026867161								
SAMSN1	AF218085_bp988_R	AGCTAAAAGACAGCGAATGTTGAACAATATATCTCTTGAATTATTGTTCAACATTCCTGTCGG	Hs.570423	14378	2.3315375	6.65282617	0.000427354				0.681475	0.30961588	0.016798376								
SAP18	NM_005870_bp220_R	AGCTAAAAGTCCAGCGAGTTGCAGATCTATCTCTTGAATAGATCTGCAACTCGCTGGACGG	Hs.524899	2289	-0.5819375	0.62426686	0.086778762				0.2324625	1.17901816	0.624624562								
SAP18	NM_005870_bp220_R	AGCTAAAAGTCCAGCGAGTTGCAGATCTATCTCTTGAATAGATCTGCAACTCGCTGGACGG	Hs.524899	7665	-0.5940125	0.58178243	0.070557124				0.1795125	1.13522585	0.695443716								
SAP18	NM_005870_bp220_R	AGCTAAAAGTCCAGCGAGTTGCAGATCTATCTCTTGAATAGATCTGCAACTCGCTGGACGG	Hs.524899	13041	-0.5911875	0.64534158	0.089194406				0.1825625	1.15149578	0.694601197								
SAP18	NM_005870_bp251_R	AGCTAAAAGATGCAACCTTGAAAGAACTGTCTCTTGAACAGTTCTTTCAAGGTTGCATCGG	Hs.524899	980	4.2285375	0.76910034	4.63E-05				1.6744875	0.7988574	0.002291409								
SAP18	NM_005870_bp251_R	AGCTAAAAGATGCAACCTTGAAAGAACTGTCTCTTGAACAGTTCTTTCAAGGTTGCATCGG	Hs.524899	6356	4.4139375	7.76106295	3.59E-05				1.9516125	0.89373061	0.001592976								
SAP18	NM_005870_bp251_R	AGCTAAAAGATGCAACCTTGAAAGAACTGTCTCTTGAACAGTTCTTTCAAGGTTGCATCGG	Hs.524899	11732	4.5352125	7.79068439	3.68E-05				1.9347625	0.84727543	0.001329427								
SAP18	NM_005870_bp433_R	AGCTAAAAGTCGCAGAAGTTCCAGATAGGTCTCTTGAACCTATCTGGAACTTCTGCGACGG	Hs.524899	979	1.5654125	0.54195939	0.001406865				0.1093875	0.9528241	0.782900199								
SAP18	NM_005870_bp433_R	AGCTAAAAGTCGCAGAAGTTCCAGATAGGTCTCTTGAACCTATCTGGAACTTCTGCGACGG	Hs.524899	6355	1.5736125	0.55023167	0.001444319				0.1809375	0.93034245	0.644480161								
SAP18	NM_005870_bp433_R	AGCTAAAAGTCGCAGAAGTTCCAGATAGGTCTCTTGAACCTATCTGGAACTTCTGCGACGG	Hs.524899	11731	1.6464875	0.53066496	0.001042432				0.1084625	0.93232244	0.781152299								
SAP30	NM_003864_bp554_R	AGCTAAAAGCGCAAGGCATCTTTACATATTCTCTTGAAATATGTAAAGATGCCTTGCGCGG	Hs.591715	977	0.6289875	0.74215157	0.101989137				-0.5935875	0.50026146	0.055689714								
SAP30	NM_003864_bp554_R	AGCTAAAAGCGCAAGGCATCTTTACATATTCTCTTGAAATATGTAAAGATGCCTTGCGCGG	Hs.591715	6353	0.6654375	0.50627859	0.036281288				-0.6612375	0.52273818	0.04168079								
SAP30	NM_003864_bp554_R	AGCTAAAAGCGCAAGGCATCTTTACATATTCTCTTGAAATATGTAAAGATGCCTTGCGCGG	Hs.591715	11729	0.5847625	0.37347405	0.029418414				-0.7239375	0.505936	0.028254682								
SAP30	NM_003864_bp679_R	AGCTAAAAGAGGTTGATTTATACCAATTATCTCTTGAATAATTGGTATAAATCAACCTCGG	Hs.591715	976	-0.4474375	0.48638877	0.107067558				-0.7414125	0.45862139	0.021557629								
SAP30	NM_003864_bp679_R	AGCTAAAAGAGGTTGATTTATACCAATTATCTCTTGAATAATTGGTATAAATCAACCTCGG	Hs.591715	6352	-0.4017125	0.47636094	0.134166481				-0.3597875	0.53183761	0.214008637								
SAP30	NM_003864_bp679_R	AGCTAAAAGAGGTTGATTTATACCAATTATCTCTTGAATAATTGGTATAAATCAACCTCGG	Hs.591715	11728	-0.4256375	0.45701237	0.10937206				-0.4651625	0.44199679	0.097442273								
SAP30	NM_003864_bp788_R	AGCTAAAAGTTGCCACTTTAGGTCTATTCTCTCTTGAAGAATAGACCTAAAGTGGCAACGG	Hs.591715	978	0.3817375	0.4603187	0.143076261				-0.1317625	0.23954045	0.531761824								
SAP30	NM_003864_bp788_R	AGCTAAAAGTTGCCACTTTAGGTCTATTCTCTCTTGAAGAATAGACCTAAAGTGGCAACGG	Hs.591715	6354	0.3685375	0.45028466	0.149851289				-0.0233375	0.2399068	0.91033604								
SAP30	NM_003864_bp788_R	AGCTAAAAGTTGCCACTTTAGGTCTATTCTCTCTTGAAGAATAGACCTAAAGTGGCAACGG	Hs.591715	11730	0.3513625	0.54909112	0.21651115				-0.1584625	0.14894136	0.430206481								
SAPS1	NM_014931_bp1548_R	AGCTAAAAGGACCTCTTCTTCCCATTATGTTCTCTTGAAACATATGGAAGAAGAGGTCCGG	Hs.515610	3028	-0.090133333	0.53242425	0.758378981				-0.0479	0.44087627	0.84672024								
SAPS1	NM_014931_bp1548_R	AGCTAAAAGGACCTCTTCTTCCCATTATGTTCTCTTGAAACATATGGAAGAAGAGGTCCGG	Hs.515610	8404	-0.4076	0.45482625	0.177233072				-0.0451	0.80707342	0.897450993								
SAPS1	NM_014931_bp1548_R	AGCTAAAAGGACCTCTTCTTCCCATTATGTTCTCTTGAAACATATGGAAGAAGAGGTCCGG	Hs.515610	13780	-0.395033333	0.41565623	0.171684568				-0.108425	1.10603386	0.808312185								
SAPS1	NM_014931_bp2294_R	AGCTAAAAGGGAGTCTGATGGAGAAGATGTCTCTTGAACATCTTCTCCATCAGACTCCCGG	Hs.515610	8408	-0.619733333	0.19925264	0.028683686				-0.2511	0.53474183	0.371177399								
SAPS1	NM_014931_bp2294_R	AGCTAAAAGGGAGTCTGATGGAGAAGATGTCTCTTGAACATCTTCTCCATCAGACTCCCGG	Hs.515610	3032																	
SAPS1	NM_014931_bp2294_R	AGCTAAAAGGGAGTCTGATGGAGAAGATGTCTCTTGAACATCTTCTCCATCAGACTCCCGG	Hs.515610	13784																	
SAPS1	NM_014931_bp230_R	AGCTAAAAGGAGGTTGGAAGTTGATCTCTTGAATCAACTTCCAACCTCACCTCCCGG	Hs.515610	3030	3.173566667	1.2293314	0.003807417				2.79735	1.04312235	0.00044445								
SAPS1	NM_014931_bp230_R	AGCTAAAAGGAGGTGAGGTTGGAAGTTGATCTCTTGAATCAACTTCCAACCTCACCTCCCGG	Hs.515610	8406	3.14235	0.94093931	0.000448153				2.896725	0.83984433	0.00014463								
SAPS1	NM_014931_bp230_R	AGCTAAAAGGAGGTGAGGTTGGAAGTTGATCTCTTGAATCAACTTCCAACCTCACCTCCCGG	Hs.515610	13782	3.142	0.92738585	0.000422002				2.722825	0.98861669	0.000407697								
SAPS2	NM_014678_bp1489_R	AGCTAAAAGCTGGACTTGTTCTTTAAGTATCTCTTGAAACCTAAAGAACAAGTCCAGCGG	Hs.559358	2791	0.06825	0.40544403	0.566425137				-0.3885125	1.08946278	0.442631945								
SAPS2	NM_014678_bp1489_R	AGCTAAAAGCTGGACTTGTTCTTTAAGTATCTCTTGAATACCTTAAAGAACAAGTCCAGCGG	Hs.559358	8167	0.093925	0.40876259	0.494598786				-0.6621625	0.85400893	0.125752634								
SAPS2	NM_014678_bp1489_R	AGCTAAAAGCTGGACTTGTTCTTTAAGTATCTCTTGAATACCTTAAAGAACAAGTCCAGCGG	Hs.559358	13543	0.101225	0.40630265	0.476420192				-0.5800875	0.92205374	0.195332511								
SAPS2	NM_014678_bp575_R	AGCTAAAGCAGCAGGTCCTGGACTTGTTCTTTGAAGCCAAGCCTTCGAATCTGAAGCGG	Hs.559358	13545	3.20675	0.44760008	0.000176835				-0.096275	1.01699633	0.923262739								
SAPS2	NM_014678_bp608_R	AGCTAAAAGCCTGTGAGCTTCTGACTTGTTCTCTTGAAACAAGTCAGAAGCTCACAGGCGG	Hs.559358	2795	-0.6422	0.04696249	0.006699067				-0.3485125	0.74706794	0.375056657								
SAPS2	NM_014678_bp608_R	AGCTAAAAGCCTGTGAGCTTCTGACTTGTTCTCTTGAAACAAGTCAGAAGCTCACAGGCGG	Hs.559358	8171	-0.65135	0.03417087	0.060062193				-0.3924875	0.77937216	0.328270349								
SAPS2	NM_014678_bp608_R	AGCTAAAAGCCTGTGAGCTTCTGACTTGTTCTCTTGAAACAAGTCAGAAGCTCACAGGCGG	Hs.559358	13547	-0.599225	0.04398868	0.009102142				-0.3677625	0.75325751	0.350462441								
SCAMP5	AL390185_bp2193_R	AGCTAAAAGTAGCCCTTATCCCCATTATATCTCTTGAATATAATGGGGATAAGGGCTACGG	Hs.374180	3926	0.6860375	0.44852527	0.024677926				-0.58025	0.55103784	0.06988207								
SCAMP5	AL390185_bp2193_R	AGCTAAAAGTAGCCCTTATCCCCATTATATCTCTTGAATATAATGGGGATAAGGGCTACGG	Hs.374180	9302	0.5773375	0.48643248	0.052427536				-0.6612	0.6414155	0.061024906								
SCAMP5	AL390185_bp2193_R	AGCTAAAAGTAGCCCTTATCCCCATTATATCTCTTGAATATAATGGGGATAAGGGCTACGG	Hs.374180	14678	0.6956875	0.45582205	0.024368297				-0.41055	0.52605617	0.161859962								
SCAMP5	AL390185_bp2730_R	AGCTAAAAGCCCTAACCTTTATATACAAATCTCTTGAATTTGTATATAAAGGTTAGGGCGG	Hs.374180	3928	-0.7219625	0.27944176	0.007778404				-0.394575	0.22608161	0.091177112								
SCAMP5	AL390185_bp2730_R	AGCTAAAAGCCCTAACCTTTATATACAAATCTCTTGAATTTGTATATAAAGGTTAGGGCGG	Hs.374180	9304	-0.7785375	0.30238003	0.006557337				-0.49725	0.21804075	0.043493895								
SCAMP5	AL390185_bp2730_R	AGCTAAAAGCCCTAACCTTTATATACAAATCTCTTGAATTTGTATATAAAGGTTAGGGCGG	Hs.374180	14680	-0.7277125	0.38422541	0.014000894				-0.318125	0.32382633	0.185213356								
SCAMP5	AL390185_bp2888_R	AGCTAAAAGGGAGAAGACTCCTCCTTTGATCTCTTGAATCCAAAGGAGGAGTCTTCTCCCGG	Hs.374180	3930	-0.5613875	0.31081419	0.024436923				0.075075	0.29642225	0.730387681								
SCAMP5	AL390185_bp2888_R	AGCTAAAAGGGAGAAGACTCCTCCTTTGATCTCTTGAATCCAAAGGAGGAGTCTTCTCCCGG	Hs.374180	9306	-0.5358125	0.30175791	0.022477095				-0.001725	0.31696623	0.993760154								
SCAMP5	AL390185_bp2888_R	AGCTAAAAGGGAGAAGACTCCTCCTTTGATCTCTTGAATCCAAAGGAGGAGTCTTCTCCCGG	Hs.374180	14682	-0.5018875	0.32397027	0.038427097				0.173075	0.36579244	0.463326013								
SCN2A2	BU729783_bp387_R	AGCTAAAAGTCAATAGCTTCAGTATAAAGTCTCTTGAACTTTATACTGAAGCTATTGACGG	Hs.93485	4559	0.86055	1.01901218	0.092466444	0.729	2.69383542	0.009807554	-0.34043333	0.53474485	0.305213527								
SCN2A2	BU729783_bp387_R	AGCTAAAAGTCAATAGCTTCAGTATAAAGTCTCTTGAACTTTATACTGAAGCTATTGACGG	Hs.93485	9935	0.491025	1.00891989	0.28562632	0.524335	0.57335331	0.113478743	-0.40966667	0.8093326	0.318834134								
SCN2A2	BU729783_bp387_R	AGCTAAAAGTCAATAGCTTCAGTATAAAGTCTCTTGAACTTTATACTGAAGCTATTGACGG	Hs.93485	15311	0.708225	0.93394752	0.123959117	0.695075	0.45373028	0.031644541	-0.65656667	0.61575747	0.093266811								
SCN2A2	BU729783_bp506_R	AGCTAAAAGATCCCATATTATATCTGATATCTCTTGAATATCAGATATAATATGGGATCGG	Hs.93485	4555	-0.201775	0.47459477	0.409857978	-0.255575	0.57553982	0.388836579	0.064533333	0.07459694	0.789330827								
SCN2A2	BU729783_bp506_R	AGCTAAAAGATCCCATATTATATCTGATATCTCTTGAATATCAGATATAATATGGGATCGG	Hs.93485	9931	-0.3195	0.54378897	0.251961032	-0.314075	0.38470113	0.189428399	-0.1454	0.30964859	0.590892906								
SCN2A2	BU729783_bp506_R	AGCTAAAAGATCCCATATTATATCTGATATCTCTTGAATATCAGATATAATATGGGATCGG	Hs.93485	15307	-0.3384	0.63081496	0.274729577	-0.35705	0.32809744	0.119437162	-0.3146	0.42212979	0.302110292								
SCN2A2	BU729783_bp63_R	AGCTAAAAGTCACTCGATGCCATATCATATCTCTTGAATAGATATGGCATCAGGTAGACGG	Hs.93485	4557	1.32875	1.28809661	0.049143254	0.43135	0.46796151	0.126766074	0.453333333	1.21361246	0.400667492								
SCN2A2	BU729783_bp63_R	AGCTAAAAGTCACTCGATGCCATATCATATCTCTTGAATAGATATGGCATCAGGTAGACGG	Hs.93485	9933	1.3005	1.08685233	0.031484	0.202525	0.4332267	0.401917386	0.2005	1.14118886	0.688068019								
SCN2A2	BU729783_bp63_R	AGCTAAAAGTCACTCGATGCCATATCATATCTCTTGAATAGATATGGCATCAGGTAGACGG	Hs.93485	15309	1.4299	0.60172667	0.002982232	0.031525	0.47109834	0.897625018	0.004066667	1.14994637	0.993485185								
SCNN1A	NM_001038_bp372_R	AGCTAAAGCTCTGCACCTTTGGCATGATTCTCTTGAATCATGCCAAAGGTGCAGAGCGG	Hs.591047	975	-1.2427625	0.16539279	0.00034253				-0.4804625	0.21541186	0.048590728								
SCNN1A	NM_001038_bp372_R	AGCTAAAAGCTCTGCACCTTTGGCATGATTCTCTTGAATCATGCCAAAGGTGCAGAGCGG	Hs.591047	6351	-1.1103375	0.5653134	0.007158457				-0.12528333	0.31364069	0.642765667								
SCNN1A	NM_001038_bp372_R	AGCTAAAAGCTCTGCACCTTTGGCATGATTCTCTTGAATCATGCCAAAGGTGCAGAGCGG	Hs.591047	11727	-1.2107375	0.24164168	0.000622055				-0.4553625	0.21533811	0.057954757								
SCNN1A	NM_001038_bp801_R	AGCTAAAAGGACTGCTTCTACCAGACATATCTCTTGAATATGTCTGGTAGAAGCAGTCCGG	Hs.591047	2287	0.5335875	0.24321971	0.020525059				-0.2678875	0.50688421	0.330171847								
SCNN1A	NM_001038_bp801_R	AGCTAAAAGGACTGCTTCTACCAGACATATCTCTTGAATATGTCTGGTAGAAGCAGTCCGG	Hs.591047	7663	0.9987125	0.79244124	0.029883914				-0.4850125	0.29930075	0.058360616								
SCNN1A	NM_001038_bp801_R	AGCTAAAAGGACTGCTTCTACCAGACATATCTCTTGAATATGTCTGGTAGAAGCAGTCCGG	Hs.591047	13039	0.9416125	0.25846627	0.002189582				-0.4062875	0.78905844	0.264138635								
SCNN1A	NM_001038_bp972_R	AGCTAAAGGCGAATTACTCTCACTTCCATCTCTTGAATGGAAGTGAGAGTAATTCGCCGG	Hs.591047	974	-0.5259875	0.33779917	0.035210649				-0.0934875	0.33499293	0.678854099								
SCNN1A	NM_001038_bp972_R	AGCTAAAGGCGAATTACTCTCACTTCCATCTCTTGAATGGAAGTGAGAGTAATTCGCCGG	Hs.591047	6350	-0.4798625	0.38136592	0.058030274				-0.0539125	0.40268857	0.821577728								
SCNN1A	NM_001038_bp972_R	AGCTAAAGGCGAATTACTCTCACTTCCATCTCTTGAATGGAAGTGAGAGTAATTCGCCGG	Hs.591047	11726	-0.4608625	0.44847549	0.08619015				0.0666375	0.34955438	0.769993158								
SCOTIN	NM_016479_bp283_R	AGCTAAAAGTCTGTGATGACCAATACTTCTCTTGAAAGTATTGCATCACAGGTACGG	Hs.414579	3069	0.135575	0.52588517	0.597940565				-0.2734	0.51117588	0.322883845								
SCOTIN	NM_016479_bp283_R	AGCTAAAAGTCTGTGATGACCAATACTTCTCTTGAAAGTATTGCATCACAGGTACGG	Hs.414579	8445	0.17975	0.49659457	0.472512436				-0.114225	0.53065114	0.674515636								
SCOTIN	NM_016479_bp283_R	AGCTAAAAGTCTGTGATGACCAATACTTCTCTTGAAAGTATTGCATCACAGGTACGG	Hs.414579	13821	0.060275	0.37063601	0.767424775				-0.67055	0.86077077	0.104498946								
SCOTIN	NM_016479_bp486_R	AGCTAAAAGTGCTGTCTGTCGTCACTATCTCTCTTGAAGATAGTGACGACAGACAGCAGG	Hs.414579	3071	0.03145	0.6617675	0.916909019				-0.356625	0.81980205	0.333335601								
SCOTIN	NM_016479_bp486_R	AGCTAAAAGTGCTGTCTGTCGTCACTATCTCTCTTGAAGATAGTGACGACAGACAGCAGG	Hs.414579	8447	0.059325	0.19772935	0.709169179				-0.253975	0.84054183	0.489780939								
SCOTIN	NM_016479_bp486_R	AGCTAAAAGTGCTGTCTGTCGTCACTATCTCTCTTGAAGATAGTGACGACAGACAGCAGG	Hs.414579	13823	-0.429775	0.37878966	0.078970782				0.007375	0.95283929	0.985129239								
SCP2	CR592913_bp1062_R	AGCTAAAAGCCTGTTGTATTTATGGATTATCTCTTGAATAATCCATAAATACAACAGGCGG	Hs.476365	4979	-0.9550625	0.87060189	0.045376294	-1.644983333	2.52905855	0.223466152											
SCP2	CR592913_bp1062_R	AGCTAAAAGCCTGTTGTATTTATGGATTATCTCTTGAATAATCCATAAATACAACAGGCGG	Hs.476365	10355	-0.9809625	0.89493248	0.044993231	-1.648716667	2.48235866	0.21707098											
SCP2	CR592913_bp1062_R	AGCTAAAAGCCTGTTGTATTTATGGATTATCTCTTGAATAATCCATAAATACAACAGGCGG	Hs.476365	15731	-0.9152625	0.8320038	0.045582482	-1.262833333	1.82770562	0.206289024											
SCP2	CR592913_bp1556_R	AGCTAAAAGCTGGTCTGGTCTTGGTTGTATCTCTTGAATACAACCAAGACCAGACCAGCGG	Hs.476365	4977	-0.0964875	0.17222508	0.536405971	-0.9189375	0.92130968	0.07470135											
SCP2	CR592913_bp1556_R	AGCTAAAAGCTGGTCTGGTCTTGGTTGTATCTCTTGAATACAACCAAGACCAGACCAGCGG	Hs.476365	10353	-0.2084875	0.15946368	0.205207765	-0.9135625	0.77915977	0.049911142											
SCP2	CR592913_bp1556_R	AGCTAAAAGCTGGTCTGGTCTTGGTTGTATCTCTTGAATACAACCAAGACCAGACCAGCGG	Hs.476365	15729	-0.0590625	0.27323747	0.737967319	-0.8549125	0.67023749	0.041568422											
SCP2	CR592913_bp649_R	AGCTAAAAGTCCTTTCTGTGAAGCTAATATCTCTTGAATATTAGCTTCACAGAAAGGACGG	Hs.476365	4975	-0.2110625	0.36931309	0.323090929	0.4722125	0.71024772	0.20333946											
SCP2	CR592913_bp649_R	AGCTAAAAGTCCTTTCTGTGAAGCTAATATCTCTTGAATATTAGCTTCACAGAAAGGACGG	Hs.476365	10351	-0.3214875	0.3463397	0.144608806	0.4894625	0.69551881	0.183853115											
SCP2	CR592913_bp649_R	AGCTAAAAGTCCTTTCTGTGAAGCTAATATCTCTTGAATATTAGCTTCACAGAAAGGACGG	Hs.476365	15727	-0.2849875	0.33386717	0.179426191	0.5708875	0.71965347	0.141913817											
SCYL1	NM_020680_bp325_R	AGCTAAAAGTGACCCCGTTGGGAATATACTCTCTTGAAGTATATTCCCAACGGGGTCACGG	Hs.238839	657	1.179	0.18883302	0.002992697	-0.156125	0.26356919	0.399954667											
SCYL1	NM_020680_bp325_R	AGCTAAAAGTGACCCCGTTGGGAATATACTCTCTTGAAGTATATTCCCAACGGGGTCACGG	Hs.238839	6033	1.282166667	0.63210993	0.013826729	0.418175	0.16051572	0.038771617											
SCYL1	NM_020680_bp325_R	AGCTAAAAGTGACCCCGTTGGGAATATACTCTCTTGAAGTATATTCCCAACGGGGTCACGG	Hs.238839	11409	1.7793	0.28326698	0.006457344	0.31325	0.16289182	0.089556682											
SCYL1	NM_020680_bp513_R	AGCTAAAAGGGGCCTGGACTACATGTATTCTCTCTTGAAGAATACATGTAGTCCAGGCCCGG	Hs.238839	1860	2.2222	0.61633965	0.000433509	0.46135	0.43157653	0.094571288											
SCYL1	NM_020680_bp513_R	AGCTAAAGGCCTGGACTACATGTATTCTCTCTTGAAGAATACATGTAGTCCAGGCCCGG	Hs.238839	7236	2.68115	1.05725573	0.001515004	0.579125	0.39294759	0.042162609											
SCYL1	NM_020680_bp513_R	AGCTAAAAGGGCCTGGACTACATGTATTCTCTCTTGAAGAATACATGTAGTCCAGGCCCGG	Hs.238839	12612	2.681675	0.51683117	9.44E-05	0.64995	0.5450413	0.058142461											
SCYL1	NM_020680_bp845_R	AGCTAAAAGCAACCCGCTTTGTAGAAACCATCTCTTGAATGGTTTCTACAAAGCGGTTGCGG	Hs.238839	658	-0.439425	0.18547777	0.030984001	0.2269	0.1241414	0.169139985											
SCYL1	NM_020680_bp845_R	AGCTAAAAGCAACCCGCTTTGTAGAAACCATCTCTTGAATGGTTTCTACAAAGCGGTTGCGG	Hs.238839	6034	-0.0769	0.24761218	0.652824504	0.5447	0.11762231	0.013304147											
SCYL1	NM_020680_bp845_R	AGCTAAAAGCAACCCGCTTTGTAGAAACCATCTCTTGAATGGTTTCTACAAAGCGGTTGCGG	Hs.238839	11410	-0.11725	0.27034204	0.512146386	0.618675	0.06254766	0.006955041											
SCYL2	NM_017988_bp104_R	AGCTAAAAGCGGTTCGTGTAAATTCATTATCTCTTGAATAATGAATTTACACGAACCGCGG	Hs.506481	1770	0.533	0.59453538	0.212422588	-0.474866667	0.78611656	0.291192704											
SCYL2	NM_017988_bp104_R	AGCTAAAAGCGGTTCGTGTAAATTCATTATCTCTTGAATAATGAATTTACACGAACCGCGG	Hs.506481	7146	0.59895	0.60468549	0.177232683	-0.2663	0.63291794	0.463273216											
SCYL2	NM_017988_bp104_R	AGCTAAAAGCGGTTCGTGTAAATTCATTATCTCTTGAATAATGAATTTACACGAACCGCGG	Hs.506481	12522	0.5918	0.68179236	0.202239724	-0.656	0.71262221	0.219055166											
SCYL2	NM_017988_bp1244_R	AGCTAAAAGGGACACAGATGAACGTGATATCTCTTGAATATCACGTTCATTCTGTGTCCCGG	Hs.506481	581	1.0554	0.37828216	0.002901046	-0.71105	0.20412201	0.003794524											
SCYL2	NM_017988_bp1244_R	AGCTAAAAGGGACACAGATGAACGTGATATCTCTTGAATATCACGTTCATTCTGTGTCCCGG	Hs.506481	5957	1.405966667	0.84238787	0.020983805	-0.56035	0.24911372	0.146726819											
SCYL2	NM_017988_bp1244_R	AGCTAAAAGGGACACAGATGAACGTGATATCTCTTGAATATCACGTTCATTCTGTGTCCCGG	Hs.506481	11333	1.338166667	0.79025582	0.02087553	-0.525933333	0.13545277	0.050137811											
SCYL2	NM_017988_bp593_R	AGCTAAAAGAGGACGGGTTACAGAATAAATCTCTTGAATTTATTCTGTAACCCGTCCTCGG	Hs.506481	7148				2.74													
SCYL2	NM_017988_bp593_R	AGCTAAAAGAGGACGGGTTACAGAATAAATCTCTTGAATTTATTCTGTAACCCGTCCTCGG	Hs.506481	12524																	
SCYL2	NM_017988_bp593_R	AGCTAAAAGAGGACGGGTTACAGAATAAATCTCTTGAATTTATTCTGTAACCCGTCCTCGG	Hs.506481	1772																	
SDCCAG33	NM_005786_bp2665_R	AGCTAAAAGTCCACGACTTCGAAGAAATCTCTTGAATTTCATCAGAGTCGTGGACCCGG	Hs.284217	4984	-0.2119625	0.25278106	0.247758467	0.3796625	0.38590416	0.127807797											
SDCCAG33	NM_005786_bp2665_R	AGCTAAAAGTCCACGACTTCGAAGAAATCTCTTGAATTTCTTCAGAAGTCGTGGACCCGG	Hs.284217	10360	-0.2931125	0.23051455	0.120828698	-0.0750125	0.49650159	0.768885721											
SDCCAG33	NM_005786_bp2665_R	AGCTAAAAGTCCACGACTTCGAAGAAATCTCTTGAATTTCTTCAGAAGTCGTGGACCCGG	Hs.284217	15736	-0.2421375	0.25862511	0.198481391	-0.0353125	0.29963221	0.851253683											
SDCCAG33	NM_005786_bp3968_R	AGCTAAAAGTGCACATCTCGAAGTTTACTCTCTTGAAGTAAACTTCGAGATGTGCACCGG	Hs.284217	4986	0.4586875	0.10409374	0.011939697	-0.2199625	0.80472284	0.56345263											
SDCCAG33	NM_005786_bp3968_R	A

SENP1	BX640784_bp765_R	AGCTAAAAAGGAGTCACATTGATGCAGATATCTCTTGAATATCTCGCATCAATGTGACTCCGG	Hs.371957	15608	0.8429375	0.59661437	0.024233672	0.0835625	0.59030001	0.773517504								
SENP2	AK027599_bp1341_R	AGCTAAAAAGGCTCAATGATGAAGTCATTATCTCTTGAATAATGACTTCATCATTGAGCCGG	Hs.401388	4638	1.1509625	0.43969837	0.002942622	0.2713625	0.34414986	0.220423951								
SENP2	AK027599_bp1341_R	AGCTAAAAAGGCTCAATGATGAAGTCATTATCTCTTGAATAATGACTTCATCATTGAGCCGG	Hs.401388	10014	1.1017375	0.48501492	0.004691276	0.2028375	0.32006187	0.32497898								
SENP2	AK027599_bp1341_R	AGCTAAAAAGGCTCAATGATGAAGTCATTATCTCTTGAATAATGACTTCATCATTGAGCCGG	Hs.401388	15390	1.2645375	0.4139567	0.001640049	0.2913625	0.42636523	0.242605171								
SENP2	AK027599_bp1490_R	AGCTAAAAAGGGGTAAATCTCTTTGAACAATCTCTTGAATTGTTCAAAGAGATTTACCCCGG	Hs.401388	4862	0.5132625	0.48982694	0.075242216	0.2276375	0.15948094	0.182551569								
SENP2	AK027599_bp1490_R	AGCTAAAAAGGGGTAAATCTCTTTGAACAATCTCTTGAATTGTTCAAAGAGATTTACCCCGG	Hs.401388	10238	0.4304875	0.46944268	0.111100804	0.2182875	0.1358792	0.18731958								
SENP2	AK027599_bp1490_R	AGCTAAAAAGGGGTAAATCTCTTTGAACAATCTCTTGAATTGTTCAAAGAGATTTACCCCGG	Hs.401388	15614	0.3826875	0.24968849	0.063698884	0.3430125	0.3181582	0.126383276								
SENP2	AK027599_bp1794_R	AGCTAAAAAGGGACAAACCTATCACATTTATCTCTTGAATAAATGTGATAGGTTTGTCCCGG	Hs.401388	4860	0.4596625	0.0952304	0.018776852	1.1981125	0.12235424	0.000569335								
SENP2	AK027599_bp1794_R	AGCTAAAAAGGGACAAACCTATCACATTTATCTCTTGAATAAATGTGATAGGTTTGTCCCGG	Hs.401388	10236	0.4510625	0.16376333	0.025775552	0.9911375	0.27002757	0.002953866								
SENP2	AK027599_bp1794_R	AGCTAAAAAGGGACAAACCTATCACATTTATCTCTTGAATAAATGTGATAGGTTTGTCCCGG	Hs.401388	15612	0.4800375	0.13992526	0.018662227	1.0890125	0.33803606	0.00311479								
SENP3	CR626749_bp1452_R	AGCTAAAAAGGCTTCCGAGTGGCTTATAAGTCTCTTGAACTTATAAGCCACTCGGAAGCCGG	Hs.513926	4636	-0.1466375	0.51455975	0.563601252	-0.4821375	0.51900699	0.116039218								
SENP3	CR626749_bp1452_R	AGCTAAAAAGGCTTCCGAGTGGCTTATAAGTCTCTTGAACTTATAAGCCACTCGGAAGCCGG	Hs.513926	10012	-0.1134375	0.46115348	0.628458062	-0.2721	0.27577601	0.26914316								
SENP3	CR626749_bp1452_R	AGCTAAAAAGGCTTCCGAGTGGCTTATAAGTCTCTTGAACTTATAAGCCACTCGGAAGCCGG	Hs.513926	15388	-0.1228625	0.5207838	0.629503555	-0.4013625	0.38681084	0.112601777								
SENP3	CR626749_bp1719_R	AGCTAAAAAGTCCCTCATCTCTGTTGATGTTCTCTTGAAACATCAACAGAGATGAGGGACGG	Hs.513926	4852	-0.0989125	0.7217868	0.760759938	-0.6550125	1.12560695	0.234505773								
SENP3	CR626749_bp1719_R	AGCTAAAAAGTCCCTCATCTCTGTTGATGTTCTCTTGAAACATCAACAGAGATGAGGGACGG	Hs.513926	10228	-0.2151125	0.56004708	0.432587588	-0.7796375	0.92465754	0.114521226								
SENP3	CR626749_bp1719_R	AGCTAAAAAGTCCCTCATCTCTGTTGATGTTCTCTTGAAACATCAACAGAGATGAGGGACGG	Hs.513926	15604	-0.1522875	0.33764284	0.444913584	0.1648625	0.31902621	0.414760512								
SENP3	CR626749_bp1793_R	AGCTAAAAAGCCCTAAGCATATTGCCAAGTTCTCTTGAAACTTGGCAATATGCTTAGGGCGG	Hs.513926	4850	0.6809875	0.41860839	0.021688306	-0.1445125	0.58775157	0.620995253								
SENP3	CR626749_bp1793_R	AGCTAAAAAGCCCTAAGCATATTGCCAAGTTCTCTTGAAACTTGGCAATATGCTTAGGGCGG	Hs.513926	10226	0.1493125	0.18422347	0.358155589	-0.3390625	0.28885538	0.116568779								
SENP3	CR626749_bp1793_R	AGCTAAAAAGCCCTAAGCATATTGCCAAGTTCTCTTGAAACTTGGCAATATGCTTAGGGCGG	Hs.513926	15602	0.1022375	0.21470532	0.533253347	-0.4389875	0.40114566	0.095370572								
SENP5	BC030705_bp1266_R	AGCTAAAAAGGACCAGTCATCCTGTTCTTCTCTCTGAAGAGAACAGGATGACTGGTCCGG	Hs.533124	4824	-1.6396625	1.38614443	0.030901167	-0.6554875	0.53002445	0.053381435								
SENP5	BC030705_bp1266_R	AGCTAAAAAGGACCAGTCATCCTGTTCTTCTCTCTGAAGAGAACAGGATGACTGGTCCGG	Hs.533124	10200	-1.3526375	1.17323804	0.034976167	-0.8166875	0.51114448	0.024424929								
SENP5	BC030705_bp1266_R	AGCTAAAAAGGACCAGTCATCCTGTTCTTCTCTCTGAAGAGAACAGGATGACTGGTCCGG	Hs.533124	15576	-1.3974625	2.09602003	0.149175934	-0.7194375	0.46603609	0.030004783								
SENP5	BC030705_bp1527_R	AGCTAAAAAGGAGATGGATCTCTCAAGCATCTCTTGAATGCTTGAGAGATCATCCTCCGG	Hs.533124	4820	0.6316125	1.54740514	0.349343705	0.4245875	0.23429706	0.05092509								
SENP5	BC030705_bp1527_R	AGCTAAAAAGGAGATGGATCTCTCAAGCATCTCTTGAATGCTTGAGAGATCATCCTCCGG	Hs.533124	10196	0.8546625	1.47380342	0.203282518	0.4729125	0.29553687	0.049036401								
SENP5	BC030705_bp1527_R	AGCTAAAAAGGAGATGGATCTCTCAAGCATCTCTTGAATGCTTGAGAGATCATCCTCCGG	Hs.533124	15572	0.5726375	2.34350857	0.558952151	0.4990375	0.30843024	0.04431041								
SENP5	BC030705_bp332_R	AGCTAAAAAGAAGGCCAGTTACTTGGAATATCTCTTGAATATTCCAAGTAACTGGCCTTCGG	Hs.533124	4822	-0.0682125	1.17941886	0.891185971	0.8214125	0.31396729	0.008125562								
SENP5	BC030705_bp332_R	AGCTAAAAAGAAGGCCAGTTACTTGGAATATCTCTTGAATATTCCAAGTAACTGGCCTTCGG	Hs.533124	10198	0.3855375	0.15526227	0.242443269	0.8840625	0.23613272	0.003792304								
SENP5	BC030705_bp332_R	AGCTAAAAAGAAGGCCAGTTACTTGGAATATCTCTTGAATATTCCAAGTAACTGGCCTTCGG	Hs.533124	15574	-0.6012125	2.19901908	0.515627283	0.5852125	0.5611201	0.08260498								
SENP6	AK126921_bp2656_R	AGCTAAAAAGGCCTTGATCCTCCGGCAAATATCTCTTGAATATTTGCCGGAGGATCAAGGCGG	Hs.485784	4864	-0.1373875	0.34730517	0.49419432	-0.3357625	0.2669677	0.109929163								
SENP6	AK126921_bp2656_R	AGCTAAAAAGGCCTTGATCCTCCGGCAAATATCTCTTGAATATTTGCCGGAGGATCAAGGCGG	Hs.485784	10240	-0.1307625	0.31258617	0.49318659	-0.4611125	0.44572433	0.099887386								
SENP6	AK126921_bp2656_R	AGCTAAAAAGGCCTTGATCCTCCGGCAAATATCTCTTGAATATTTGCCGGAGGATCAAGGCGG	Hs.485784	15616	-0.1836625	0.3280281	0.357022252	-0.4520625	0.3293982	0.065333264								
SENP6	AK126921_bp2984_R	AGCTAAAAAGGAGGACATCTCTGTTACCAATCTCTTGAATTGGTAACAGAGATGCCTCCCGG	Hs.485784	4868	0.1262375	0.15789663	0.417695983	-0.0432375	0.52507622	0.870326156								
SENP6	AK126921_bp2984_R	AGCTAAAAAGGAGGACATCTCTGTTACCAATCTCTTGAATTGGTAACAGAGATGCCTCCCGG	Hs.485784	10244	0.0620625	0.13006093	0.673341258	-0.4828375	0.84240803	0.251787638								
SENP6	AK126921_bp2984_R	AGCTAAAAAGGAGGACATCTCTGTTACCAATCTCTTGAATTGGTAACAGAGATGCCTCCCGG	Hs.485784	15620	0.2660375	0.50737658	0.308773246	0.2807375	0.89923955	0.506444478								
SENP6	AK126921_bp3008_R	AGCTAAAAAGGACCTGCACTGTCTAAATGATCTCTTGAATCATTTAGACAGTGCAGGTCCGG	Hs.485784	4866	1.0979125	0.21435752	0.000821794	0.8208875	0.49665411	0.02237292								
SENP6	AK126921_bp3008_R	AGCTAAAAAGGACCTGCACTGTCTAAATGATCTCTTGAATCATTTAGACAGTGCAGGTCCGG	Hs.485784	10242	1.0928875	0.20703212	0.000801902	0.8767125	0.55911269	0.024104692								
SENP6	AK126921_bp3008_R	AGCTAAAAAGGACCTGCACTGTCTAAATGATCTCTTGAATCATTTAGACAGTGCAGGTCCGG	Hs.485784	15618	0.9129625	0.4154521	0.066797605	1.260633333	1.21036232	0.095056035								
SENP7	NM_020654_bp160_R	AGCTAAAGACGGCCATCTTCATCCGAAATCTCTTGAATTTCGGATGAAGATGGCCGTCGG	Hs.529551	8901	-0.436425	0.51250701	0.12431957				0.0876625	0.6980499	0.782691581					
SENP7	NM_020654_bp160_R	AGCTAAAGACGGCCATCTTCATCCGAAATCTCTTGAATTTCGGATGAAGATGGCCGTCGG	Hs.529551	14277	-0.81225	0.38662053	0.009210907				-0.2371875	0.39014855	0.334365526					
SENP7	NM_020654_bp160_R	AGCTAAAAGACGGCCATCTTCATCCGAAATCTCTTGAATTTCGGATGAAGATGGCCGTCGG	Hs.529551	3525	-0.8871	0.39904419	0.00693017				0.23705	0.86232519	0.56577139					
SENP7	NM_020654_bp2867_R	AGCTAAAAGGTGGATCTATGCCCTAAAGTTTCTCTTGAAACTTTAGGGCGATAGATCCACCGG	Hs.529551	3523	1.417675	0.62469349	0.026207071				-0.17655							
SENP7	NM_020654_bp2867_R	AGCTAAAAGGTGGATCTATGCCCTAAAGTTTCTCTTGAAACTTTAGGGCGATAGATCCACCGG	Hs.529551	8899	1.152575	0.30522264	0.022566941				0.6829							
SENP7	NM_020654_bp2867_R	AGCTAAAAGGTGGATCTATGCCCTAAAGTTTCTCTTGAAACTTTAGGGCGATAGATCCACCGG	Hs.529551	14275	1.605766667	0.6137697	0.005855284				0.0996							
SENP7	NM_020654_bp498_R	AGCTAAAAGGGAAGTTTGAGTGATACATCTCTTGAATGTATCACTCAAACTTCCCTCGG	Hs.529551	8897	3.79095	1.08826392	0.000343019				1.7373875	0.78401568	0.001775984					
SENP7	NM_020654_bp498_R	AGCTAAAAGGGAAGTTTGAGTGATACATCTCTTGAATGTATCACTCAAACTTCCCTCGG	Hs.529551	14273	3.143825	0.66454965	0.000109388				0.7484875	0.36699957	0.014528658					
SENP7	NM_020654_bp498_R	AGCTAAAAGGGAAGTTTGAGTGATACATCTCTTGAATGTATCACTCAAACTTCCCTCGG	Hs.529551	3521	3.25385	1.12533548	0.000811063				1.266575	1.24645248	0.075736277					
SENP8	AK097557_bp260_R	AGCTAAAAAGGACGAGCATCTCTGTTAACCAATCTCTTGAACGTATTGGCACATATCTCCTCGG	Hs.513002	4818	0.47076667	0.55436847	0.168708263	-0.2466125	0.52287793	0.373049308								
SENP8	AK097557_bp260_R	AGCTAAAAAGGACGAGCATCTCTGTTAACCAATCTCTTGAACGTATTGGCACATATCTCCTCGG	Hs.513002	10194	0.4987875	0.63577465	0.132222209	-0.1463375	0.4487103	0.545656495								
SENP8	AK097557_bp260_R	AGCTAAAAAGGACGAGCATCTCTGTTAACCAATCTCTTGAACGTATTGGCACATATCTCCTCGG	Hs.513002	15570	-0.5214875	2.84988453	0.658808482	-0.2347125	0.49211964	0.375565148								
SENP8	AK097557_bp407_R	AGCTAAAAAGCTGGCTCAATGACCATATTATCCTTTGAATAATGTGCTCATTGAGCCAGCGG	Hs.513002	4814	-0.6167625	1.26167909	0.276010645	0.0601375	0.4476214	0.799988611								
SENP8	AK097557_bp407_R	AGCTAAAAAGCTGGCTCAATGACCATATTATCCTTTGAATAATGTGCTCATTGAGCCAGCGG	Hs.513002	10190	-0.1356375	0.45557163	0.561933783	0.0540625	0.33640141	0.786969659								
SENP8	AK097557_bp407_R	AGCTAAAAAGCTGGCTCAATGACCATATTATCCTTTGAATAATGTGCTCATTGAGCCAGCGG	Hs.513002	15566	-1.2482625	2.61717989	0.275484469	0.1760875	0.41498229	0.450008746								
SENP8	AK097557_bp741_R	AGCTAAAAAGGAGGCTTTCTTAGGCAGAAATCTCTTGAATTTCTGCCTAAGAAAGCCTCCGG	Hs.513002	4816	-0.7731625	0.67070338	0.044320243	-0.1425375	0.57122287	0.618200298								
SENP8	AK097557_bp741_R	AGCTAAAAAGGAGGCTTTCTTAGGCAGAAATCTCTTGAATTTCTGCCTAAGAAAGCCTCCGG	Hs.513002	10192	-0.3298375	0.72363951	0.333384127	-0.0955875	0.62346528	0.752745608								
SENP8	AK097557_bp741_R	AGCTAAAAAGGAGGCTTTCTTAGGCAGAAATCTCTTGAATTTCTGCCTAAGAAAGCCTCCGG	Hs.513002	15568	-0.4531625	2.06063877	0.598697839	0.2323625	0.98848052	0.60955048								
SERINP85	NM_002639_bp109_R	AGCTAAAAAGCCCGTTGATCTGTTCAAACAATCTCTTGAATTGTTTGAACAGATCAACGGCGG	Hs.55279	973	0.0597125	0.49942616	0.807452124				0.4540125	0.51842676	0.125835878					
SERINP85	NM_002639_bp109_R	AGCTAAAAGCCGTTGATCTGTTCAAACAATCTCTTGAATTGTTTGAACAGATCAACGGCGG	Hs.55279	6349	0.0662375	0.46473351	0.77680852				0.4322625	0.51536359	0.140613383					
SERINP85	NM_002639_bp109_R	AGCTAAAAGCCGTTGATCTGTTCAAACAATCTCTTGAATTGTTTGAACAGATCAACGGCGG	Hs.55279	11725	0.0319125	0.42694101	0.884984023				0.4098625	0.54452433	0.168912871					
SERINP85	NM_002639_bp678_R	AGCTAAAAGGCCACGTTCTGTATGGGAAATCTCTTGAATTTCCCATACAGAACGTGGCCGG	Hs.55279	2253	-0.3458875	0.29511712	0.101056372				-0.4355375	0.33086311	0.087720882					
SERINP85	NM_002639_bp678_R	AGCTAAAAGGCCACGTTCTGTATGGGAAATCTCTTGAATTTCCCATACAGAACGTGGCCGG	Hs.55279	7629	-0.4529125	0.2562761	0.038776075				-0.3670375	0.20432772	0.106514078					
SERINP85	NM_002639_bp678_R	AGCTAAAAGGCCACGTTCTGTATGGGAAATCTCTTGAATTTCCCATACAGAACGTGGCCGG	Hs.55279	13005	0.0234625	0.46062953	0.919245346				-0.3790875	0.29886913	0.118153881					
SERINP85	NM_002639_bp82_R	AGCTAAAAGCCCTGCAACTAGCAAATCGTCTCTTGAACGAATTTGCTAGTTGCAGGGCGG	Hs.55279	2255	1.0355375	1.06174564	0.061026286				2.0483125	1.78236696	0.019501791					
SERINP85	NM_002639_bp82_R	AGCTAAAAGCCCTGCAACTAGCAAATCGTCTCTTGAACGAATTTGCTAGTTGCAGGGCGG	Hs.55279	7631	0.9357875	1.03472539	0.076430723				1.8341625	1.71237537	0.026049832					
SERINP85	NM_002639_bp82_R	AGCTAAAAGCCCTGCAACTAGCAAATCGTCTCTTGAACGAATTTGCTAGTTGCAGGGCGG	Hs.55279	13007	1.2718625	0.85117225	0.015514492				1.8331125	1.63729924	0.022258721					
SERTAD4	NM_019605_bp666_R	AGCTAAAAAGAGTGGTTTATGGCTCAAGACTCTCTTGAAGTCTTGAGCCATAAAACCACTCGG	Hs.446946	14259	0.71585	0.28888969	0.008522067				0.00255	0.3954522	0.992792108	0.29365	0.68168381	0.452297989	0.0347	0.62492819	0.918587446
SERTAD4	NM_019605_bp666_R	AGCTAAAAAGAGTGGTTTATGGCTCAAGACTCTCTTGAAGTCTTGAGCCATAAAACCACTCGG	Hs.446946	3507	1.0521	0.62883384	0.012297981				-0.25935	0.66705841	0.46914724	0.28275	0.72338846	0.49139115	0.0109	0.68572406	0.976635361
SERTAD4	NM_019605_bp666_R	AGCTAAAAAGAGTGGTTTATGGCTCAAGACTCTCTTGAAGTCTTGAGCCATAAAACCACTCGG	Hs.446946	8883	0.828625	0.17941703	0.002394458				-0.16625			0.30125	0.62171875	0.403982903	0.0834	0.675102209	0.820794407
SERTAD4	NM_019605_bp952_R	AGCTAAAAGCCCAGATACCTGCCAATGAAATCTCTTGAATTTCATTGGCAGGTATCTGGCGG	Hs.446946	3479	-0.24695	0.29349655	0.210516843				-0.6561125	0.25415882	0.016807117	0.7584	0.45515376	0.044635971	-0.3856	0.44987123	0.184991897
SERTAD4	NM_019605_bp952_R	AGCTAAAAGCCCAGATACCTGCCAATGAAATCTCTTGAATTTCATTGGCAGGTATCTGGCGG	Hs.446946	8855	-0.356	0.17989973	0.059442255				-0.4806875	0.35355493	0.069694507	0.916775	0.29908267	0.00872682	-0.37375	0.375744495	0.140768429
SERTAD4	NM_019605_bp952_R	AGCTAAAAGCCCAGATACCTGCCAATGAAATCTCTTGAATTTCATTGGCAGGTATCTGGCGG	Hs.446946	14231	-0.350325	0.14861115	0.05599844				-0.6170625	0.1422883	0.016043402	0.912975	0.20130139	0.002830488	-0.3399	0.58664402	0.330402045
SERTAD4	NM_019605_bp987_R	AGCTAAAAGTCAGATCACTTGGTGTTCAGTCTCTTGAACTGAACACCAAGTGATCTGACGG	Hs.446946	3505							-0.6100875	0.33612175	0.029356806	0.3485	0.58803118	0.327851253	0.259125	0.40086617	0.286634043
SERTAD4	NM_019605_bp987_R	AGCTAAAAGTCAGATCACTTGGTGTTCAGTCTCTTGAACTGAACACCAAGTGATCTGACGG	Hs.446946	8881	-0.295	0.82766849	0.524818564				-0.3868	0.28270129	0.300053597	0.30615	0.67019156	0.428283663	0.324825	0.36924248	0.176740208
SERTAD4	NM_019605_bp987_R	AGCTAAAAGTCAGATCACTTGGTGTTCAGTCTCTTGAACTGAACACCAAGTGATCTGACGG	Hs.446946	14257	-0.60283333	0.63348907	0.12109338				-0.51143333	0.46032771	0.128461771	0.380625	0.64558486	0.323334156	0.284725	0.41183376	0.260700433
SESN1	AF033122_bp1393_R	AGCTAAAAGACGGGCAATTTGGAACTATATCTCTTGAATATAGTTCCAAATTGCCCGTCGG	Hs.591336	3496	0.0618625	0.26355126	0.722498651				0.163975	0.18438555	0.4106618					
SESN1	AF033122_bp1393_R	AGCTAAAAGACGGGCAATTTGGAACTATATCTCTTGAATATAGTTCCAAATTGCCCGTCGG	Hs.591336	8872	0.1859625	0.2823652	0.321830937				0.2186	0.16994778	0.292587304					
SESN1	AF033122_bp1393_R	AGCTAAAAGACGGGCAATTTGGAACTATATCTCTTGAATATAGTTCCAAATTGCCCGTCGG	Hs.591336	14248	0.1838125	0.24605472	0.303942884				0.418775	0.36045181	0.105108338					
SESN1	AF033122_bp378_R	AGCTAAAAGCGCAGATGCATGCTTTATCTCTTGAATAAAGCATGCATCTGTGCGTCGG	Hs.591336	3492	2.0183125	0.60442455	0.000634639				-0.63905	0.46237583	0.038226266					
SESN1	AF033122_bp378_R	AGCTAAAAGCGCAGATGCATGCTTTATCTCTTGAATAAAGCATGCATCTGTGCGTCGG	Hs.591336	8868	2.1971375	0.6517646	0.000561542				-0.687675	0.49440091	0.033815961					
SESN1	AF033122_bp378_R	AGCTAAAAGCGCAGATGCATGCTTTATCTCTTGAATAAAGCATGCATCTGTGCGTCGG	Hs.591336	14244	2.2973375	0.65493518	0.000463734				-0.66	0.64047417	0.061203305					
SESN1	AF033122_bp52_R	AGCTAAAAGCAGCAGAGATTCAACTACTATCTCTTGAATAGTAGTTGAATCTCTGCTGCGG	Hs.591336	3494	-0.3269875	0.29815156	0.117580941				-0.41175	0.26460032	0.087803669					
SESN1	AF033122_bp52_R	AGCTAAAAGCAGCAGAGATTCAACTACTATCTCTTGAATAGTAGTTGAATCTCTGCTGCGG	Hs.591336	8870	-0.5293125	0.26254126	0.023375605				-0.214375	0.18555708	0.305317234					
SESN1	AF033122_bp52_R	AGCTAAAAGCAGCAGAGATTCAACTACTATCTCTTGAATAGTAGTTGAATCTCTGCTGCGG	Hs.591336	14246	-0.5165875	0.2422329	0.022970807				-0.26125	0.19765037	0.22405631					
SET	NM_003011_bp2079_R	AGCTAAAAAGCTGCCTCAATGCCAAGTTATTCCTTTGAAATAACTTGGCATTAGAGCACCGG	Hs.436687	2251	0.2558875	0.82873899	0.492195135				0.0828875	0.72600077	0.79928843					
SET	NM_003011_bp2079_R	AGCTAAAAAGCTGCCTCAATGCCAAGTTATTCCTTTGAAATAACTTGGCATTAGAGCACCGG	Hs.436687	7627	0.2815375	0.76933053	0.425007491				-0.1324125	0.33349412	0.559997313					
SET	NM_003011_bp2373_R	AGCTAAAAGACAGTCTGGTGAACTTCAAATCTCTTGAATTTGAAGTTCACCAGACTGTCGG	Hs.436687	13003	0.2139125	0.79599635	0.349787003				0.06765	0.3943018	0.811002594					
SET	NM_003011_bp2373_R	AGCTAAAAGACAGTCTGGTGAACTTCAAATCTCTTGAATTTGAAGTTCACCAGACTGTCGG	Hs.436687	1140	-0.4987625	0.11219059	0.014568784				-0.2029375	0.35502383	0.389452068					
SET	NM_003011_bp2373_R	AGCTAAAAGACAGTCTGGTGAACTTCAAATCTCTTGAATTTGAAGTTCACCAGACTGTCGG	Hs.436687	6516	-0.3999125	0.13817308	0.035361925				-0.2533625	0.38323728	0.302125581					
SET	NM_003011_bp2373_R	AGCTAAAAGACAGTCTGGTGAACTTCAAATCTCTTGAATTTGAAGTTCACCAGACTGTCGG	Hs.436687	11892	-0.5132375	0.12371179	0.013604517				-0.2554625	0.34748276	0.284162142					
SET	NM_003011_bp501_R	AGCTAAAAGACGAAACGTTCGAGTCAAACTTCCTTGAAGTTTGACTCGAACGTTTCGTCGG	Hs.436687	2249	3.5510625	1.21886403	0.000761513				0.7656125	0.84942573	0.069622546					
SET	NM_003011_bp501_R	AGCTAAAAGACGAAACGTTCGAGTCAAACTTCCTTGAAGTTTGACTCGAACGTTTCGTCGG	Hs.436687	7625	3.4463875	1.07898905	0.000518326				0.8124625	0.84902802	0.055739894					
SET	NM_003011_bp501_R	AGCTAAAAGACGAAACGTTCGAGTCAAACTTCCTTGAAGTTTGACTCGAACGTTTCGTCGG	Hs.436687	13001	3.6348875	1.16138208	0.000554282				0.8922625	0.99605412	0.063112501					
STEBP1	AB007897_bp1118_R	AGCTAAAAGAGTCAGTTGGTCTAACAATAATCTCTTGAATTATTGTTAGACAACTGACTCGG	Hs.435458	3533	1.15555	0.54741987	0.005495928				0.288083333	0.31161541	0.307240919					
STEBP1	AB007897_bp1118_R	AGCTAAAAGAGTCAGTTGGTCTAACAATAATCTCTTGAATTATTGTTAGACAACTGACTCGG	Hs.435458	8909	0.74585	0.41413907	0.015081408				0.2190625	0.35076787	0.353616263					
STEBP1	AB007897_bp1118_R	AGCTAAAAGAGTCAGTTGGTCTAACAATAATCTCTTGAATTATTGTTAGACAACTGACTCGG	Hs.435458	14285	0.94455	0.22676471	0.001765567				0.2706375	0.35784402	0.263271227					
STEBP1	AB007897_bp1402_R	AGCTAAAAGGGAAGGTTATTCCGCAGATATCTCTGAATATCTGCGGAATAACCTTCCCGG	Hs.435458	3535	-0.65115	0.13461274	0.005434873				-0.4954875	0.24064082	0.046568476					
STEBP1	AB007897_bp1402_R	AGCTAAAAGGGAAGGTTATTCCGCAGATATCTCTGAATATCTGCGGAATAACCTTCCCGG	Hs.435458	8911	-0.56255	0.15670101	0.010903042				-0.5520125	0.22606281	0.030507577					
STEBP1	AB007897_bp1402_R	AGCTAAAAGGGAAGGTTATTCCGCAGATATCTCTGAATATCTGCGGAATAACCTTCCCGG	Hs.435458	14287	-0.68245	0.07517044	0.003585324				-0.5413125	0.25012482	0.035009076					
STEBP1	AB007897_bp1451_R	AGCTAAAAGACGTGAGTTCTGCCAGTAATCTCTTGAATTACTGGCAGAACTACGTTCGGG	Hs.435458	3537	2.345925	0.73405021	0.006648536				0.2563625	0.66566505	0.41772892					
STEBP1	AB007897_bp1451_R	AGCTAAAAGACGTGAGTTCTGCCAGTAATCTCTTGAATTACTGGCAGAACTACGTTCGGG	Hs.435458	8913	2.033075	0.42947573	0.000198354				0.1661625	0.32197834	0.463892989					
STEBP1	AB007897_bp1451_R	AGCTAAAAGACGTGAGTTCTGCCAGTAATCTCTTGAATTACTGGCAGAACTACGTTCGGG	Hs.435458	14289	1.892925	0.29291608	0.00010547				0.360666667	0.8112221	0.373576024					
SETD1A	NM_049380_bp1016_R	AGCTAAAAGAAGGATATGTGCCGTAAGTATCTCTTGAATACTTACGGCACATATCCTTCGG	Hs.297483	3012	0.4235	0.70249054	0.218083622				-1.005175	1.04068354	0.047978545					
SETD1A	NM_049380_bp1016_R	AGCTAAAAGAAGGATATGTGCCGTAAGTATCTCTTGAATACTTACGGCACATATCCTTCGG	Hs.297483	8388	0.41665	0.60326724	0.178839004				-1.0053	1.01993706	0.045352008					
SETD1A	NM_049380_bp1016_R	AGCTAAAAGAAGGATATGTGCCGTAAGTATCTCTTGAATACTTACGGCACATATCCTTCGG	Hs.297483	13764	0.42105	0.6904557	0.214857624				-1.02335	0.95329986	0.03537542					
SETD1A	NM_049380_bp3353_R	AGCTAAAAGCTGCCTTCATTCAAGGTAAATCTCTTGAATTTACCTTGAATGAAGGCAGCGG	Hs.297483	3010	-0.1149	0.16613045	0.462190593				-0.33225	0.73950222	0.332873997					
SETD1A	NM_049380_bp3353_R	AGCTAAAAGCTGCCTTCATTCAAGGTAAATCTCTTGAATTTACCTTGAATGAAGGCAGCGG	Hs.297483	8386	-0.230625	0.26290748	0.219675168				-0.252175	0.75959937	0.461146169					
SETD1A	NM_049380_bp3353_R	AGCTAAAAGCTGCCTTCATTCAAGGTAAATCTCTTGAATTTACCTTGAATGAAGGCAGCGG	Hs.297483	13762	-0.268525	0.6115626	0.364728594				-0.1235	0.81322015	0.726792288					
SETD1A	NM_049380_bp734_R	AGCTAAAAGTGGCGGAACTACAAGCCTATTCTCTTGAAATGAGCTTGTAGTTCCGCCACGG	Hs.297483	3014	4.193175	1.54760814	0.001000662				1.356075	2.91953937	0.239483966					
SETD1A	NM_049380_bp734_R	AGCTAAAAGTGGCGGAACTACAAGCCTATTCTCTTGAAATGAGCTTGTAGTTCCGCCACGG	Hs.297483	8390	3.664625	1.08637759	0.000399645				1.242	2.5164708	0.216687322					
SETD1A	NM_049380_bp734_R	AGCTAAAAGTGGCGGAACTACAAGC

SETDB1	NM_012432_bp2339_R	AGCTAAAAGTGCCTGCCATCAACTAACTATCTCTTGAATAGTTAGTTGATGGCAGGCACGG	Hs.591479	3022	0.43205	0.47953651	0.114041044					1.16575	0.56670676	0.004687107
SETDB1	NM_012432_bp2339_R	AGCTAAAAGTGCCTGCCATCAACTAACTATCTCTTGAATAGTTAGTTGATGGCAGGCACGG	Hs.591479	8398	0.446675	0.47776451	0.104182734					1.13165	0.54788048	0.004949248
SETDB1	NM_012432_bp2339_R	AGCTAAAAGTGCCTGCCATCAACTAACTATCTCTTGAATAGTTAGTTGATGGCAGGCACGG	Hs.591479	13774	0.45975	0.49308837	0.102343747					1.165225	0.53005874	0.003957408
SETDB1	NM_012432_bp3341_R	AGCTAAAAGCCCAACCTAGTAAGACTAGTATCTCTTGAATACTAGTCTTACTAGGTGGGCGG	Hs.591479	3024	-0.60775	0.18141065	0.009016914					-0.154725	0.46375794	0.547137284
SETDB1	NM_012432_bp3341_R	AGCTAAAAGCCCAACCTAGTAAGACTAGTATCTCTTGAATACTAGTCTTACTAGGTGGGCGG	Hs.591479	8400	-0.59695	0.18712325	0.009973977					-0.186	0.33882526	0.421509666
SETDB1	NM_012432_bp3341_R	AGCTAAAAGCCCAACCTAGTAAGACTAGTATCTCTTGAATACTAGTCTTACTAGGTGGGCGG	Hs.591479	13776	-0.593525	0.19172935	0.010447998					-0.15885	0.48914695	0.546493717
SETDB2	NM_031915_bp1714_R	AGCTAAAAGAGGGCTGCATAGACATAACATCTCTTGAATGTTATGTCTATGCAGCCCTCGG	Hs.369039	3095	-0.2387	0.65194706	0.437840378					-0.04036667	0.56109915	0.89977711
SETDB2	NM_031915_bp1714_R	AGCTAAAAGAGGGCTGCATAGACATAACATCTCTTGAATGTTATGTCTATGCAGCCCTCGG	Hs.369039	8471	-0.147725	0.68049919	0.63572123					-0.280475	0.67998071	0.383919289
SETDB2	NM_031915_bp1714_R	AGCTAAAAGAGGGCTGCATAGACATAACATCTCTTGAATGTTATGTCTATGCAGCCCTCGG	Hs.369039	13847	-0.209975	0.67798602	0.504639507					-0.2159	0.73134476	0.516487339
SETDB2	NM_031915_bp1993_R	AGCTAAAAGGGACATTTGTTTGCATTTATTCTCTTGAAATAAATGCAAACAAATGTCCCGG	Hs.369039	3091	0.28395	0.40624167	0.221495571					-0.64665	0.84640489	0.111280829
SETDB2	NM_031915_bp1993_R	AGCTAAAAGGGACATTTGTTTGCATTTATTCTCTTGAAATAAATGCAAACAAATGTCCCGG	Hs.369039	8467	0.302675	0.73995067	0.379212853					-0.577925	0.78906011	0.130068025
SETDB2	NM_031915_bp1993_R	AGCTAAAAGGGACATTTGTTTGCATTTATTCTCTTGAAATAAATGCAAACAAATGTCCCGG	Hs.369039	13843	0.56625	0.4839561	0.055057018					-0.37645	1.168644	0.432433293
SETDB2	NM_031915_bp2764_R	AGCTAAAAGGCCGCTTCCTTAATCATAGTTCTCTTGAAACTATGATTAAGGAAGCGGCCGG	Hs.369039	3093	-0.99445	0.56257669	0.011007584					0.078425	0.80578046	0.822726378
SETDB2	NM_031915_bp2764_R	AGCTAAAAGGCCGCTTCCTTAATCATAGTTCTCTTGAAACTATGATTAAGGAAGCGGCCGG	Hs.369039	8469	-0.995725	0.40574562	0.004447137					-0.56035	0.64604302	0.100424965
SETDB2	NM_031915_bp2764_R	AGCTAAAAGGCCGCTTCCTTAATCATAGTTCTCTTGAAACTATGATTAAGGAAGCGGCCGG	Hs.369039	13845	-0.542625	0.65473061	0.114395554					-0.303675	0.89170212	0.432117709
SETMAR	NM_006515_bp468_R	AGCTAAAAGAAGGGTTTGTCTGTGAATATTCTCTTGAAATGGTCAGAGCAAACCTTCCGG	Hs.475300	3004	0.54505	0.2295624	0.017667548					-0.10515	0.68273172	0.737579384
SETMAR	NM_006515_bp468_R	AGCTAAAAGAAGGTTTGTCTGTGAATATTCTCTTGAAATATCACAGACAAACCTTCCGG	Hs.475300	8380	0.659975	0.67917511	0.073693687					-0.094825	0.98663731	0.816021848
SETMAR	NM_006515_bp468_R	AGCTAAAAGAAGGTTTGTCTGTGAATATTCTCTTGAAATATCACAGACAAACCTTCCGG	Hs.475300	13756	0.531775	0.30180588	0.028220707					-0.1822	0.91907629	0.639163881
SETMAR	NM_006515_bp639_R	AGCTAAAAGAAGATCCCTTAATCATTCTCTCTTGAAAGAATGATTAAGGAATCTTCCGG	Hs.475300	3008	-0.949875	0.25547233	0.002065806					-0.17475	0.19896969	0.400150383
SETMAR	NM_006515_bp639_R	AGCTAAAAGAAGATCCCTTAATCATTCTCTCTTGAAAGAATGATTAAGGAATCTTCCGG	Hs.475300	8384	-0.930375	0.26062849	0.002341843					-0.135975	0.19381628	0.506241531
SETMAR	NM_006515_bp639_R	AGCTAAAAGAAGATCCCTTAATCATTCTCTCTTGAAAGAATGATTAAGGAATCTTCCGG	Hs.475300	13760	-0.8791	0.2322611	0.00251599					-0.156475	0.22429026	0.45600452
SETMAR	NM_006515_bp814_R	AGCTAAAAGCTACATGTATGGGAAACTAATCTCTTGAATTAGTTTCCCATGATCTAGCCGG	Hs.475300	3006	0.2768	0.31932799	0.182111592					0.907125	0.91688701	0.048536631
SETMAR	NM_006515_bp814_R	AGCTAAAAGCTACATGTATGGGAAACTAATCTCTTGAATTAGTTTCCCATGATCTAGCCGG	Hs.475300	8382	0.2514	0.32103889	0.219557297					0.88815	0.91484316	0.051789486
SETMAR	NM_006515_bp814_R	AGCTAAAAGCTACATGTATGGGAAACTAATCTCTTGAATTAGTTTCCCATGATCTAGCCGG	Hs.475300	13758	0.3022	0.32452025	0.154198482					0.9397	0.90639999	0.041744461
SF1	NM_004630_bp1111_R	AGCTAAAAAGGGAGTTGGCTCGCTTAAATGTCTCTTGAACATTTAAGCGAGCCAACTCCCGG	Hs.502829	1874	2.48905	1.19929634	0.003522373	0.166633333	2.80932288	0.900309933				
SF1	NM_004630_bp1111_R	AGCTAAAAAGGGAGTTGGCTCGCTTAAATGTCTCTTGAACATTTAAGCGAGCCAACTCCCGG	Hs.502829	7250	2.64235	1.1164962	0.002024882	-0.031866667	3.26593194	0.983498973				
SF1	NM_004630_bp1111_R	AGCTAAAAAGGGAGTTGGCTCGCTTAAATGTCTCTTGAACATTTAAGCGAGCCAACTCCCGG	Hs.502829	12626	3.339625	1.40775831	0.001880035	0.717566667	4.06979997	0.703460917				
SF1	NM_004630_bp401_R	AGCTAAAAGCCGTTGGACTTCCCAAGTAATCTCTTGAATTACTTGGGAAGTCCAACGGCGGG	Hs.502829	1876	0.308583333	0.98331036	0.516197286	-6.2142	3.44855977	0.039547229				
SF1	NM_004630_bp401_R	AGCTAAAAGCCGTTGGACTTCCCAAGTAATCTCTTGAATTACTTGGGAAGTCCAACGGCGGG	Hs.502829	7252	0.05495	1.19624163	0.920172817	-5.5236	0.02899138	0.000597276				
SF1	NM_004630_bp401_R	AGCTAAAAGCCGTTGGACTTCCCAAGTAATCTCTTGAATTACTTGGGAAGTCCAACGGCGGG	Hs.502829	12628	0.109083333	1.28139372	0.85192078	-1.586266667	6.01109317	0.583250764				
SF1	NM_004630_bp774_R	AGCTAAAAGCAACACGTGTGAGTGATAAATCTCTTGAATTTATCACTCACACGTGTTGCGG	Hs.502829	309	2.819133333	1.21020228	0.005569725	2.8739	1.97741453	0.037544928				
SF1	NM_004630_bp774_R	AGCTAAAAGCAACACGTGTGAGTGATAAATCTCTTGAATTTATCACTCACACGTGTTGCGG	Hs.502829	5685	6.51215	3.3147732	0.00388193	2.943133333	2.16433136	0.044692995				
SF1	NM_004630_bp774_R	AGCTAAAAGCAACACGTGTGAGTGATAAATCTCTTGAATTTATCACTCACACGTGTTGCGG	Hs.502829	11061	4.1263	2.41297626	0.007098995	2.908833333	2.00591327	0.037752369				
SGEF	AK127282_bp1043_R	AGCTAAAAAGAGTCTGGCCTCCGGAAATTAATCTCTTGAATTAATTTCCGAGGCCAGACTCGG	Hs.570682	4027	0.3586875	0.38276903	0.127416696					-0.393475	0.22707829	0.092068596
SGEF	AK127282_bp1043_R	AGCTAAAAAGAGTCTGGCCTCCGGAAATTAATCTCTTGAATTAATTTCCGAGGCCAGACTCGG	Hs.570682	9463	0.187483333	0.2960128	0.413872655					-0.39475	0.42573747	0.141926682
SGEF	AK127282_bp1043_R	AGCTAAAAAGAGTCTGGCCTCCGGAAATTAATCTCTTGAATTAATTTCCGAGGCCAGACTCGG	Hs.570682	14779	0.4435875	0.45245033	0.099829152					-0.168175	0.21193278	0.420914085
SGEF	AK127282_bp1608_R	AGCTAAAAGAGGGCTATCTTTGAAGTCATATCTCTTGAATATGACTTCAAAGATAGCCTCGG	Hs.570682	4025	2.0032875	0.14790192	3.08E-05					0.460125	0.20377069	0.054622202
SGEF	AK127282_bp1608_R	AGCTAAAAGAGGGCTATCTTTGAAGTCATATCTCTTGAATATGACTTCAAAGATAGCCTCGG	Hs.570682	9401	2.0717625	0.29218852	6.77E-05					0.3841	0.27627555	0.108835737
SGEF	AK127282_bp1608_R	AGCTAAAAGAGGGCTATCTTTGAAGTCATATCTCTTGAATATGACTTCAAAGATAGCCTCGG	Hs.570682	14777	1.9375125	0.31387976	0.000109586					0.62765	0.20907322	0.017618847
SGEF	AK127282_bp2423_R	AGCTAAAAAGGTGGAATCTTGTGACAATGATCTCTTGAATCATTGTCACAAGATTCACCGG	Hs.570682	4023	5.8464							0.558	0.15448968	0.024652826
SGEF	AK127282_bp2423_R	AGCTAAAAAGGTGGAATCTTGTGACAATGATCTCTTGAATCATTGTCACAAGATTCACCGG	Hs.570682	9399	4.1983							0.46225	0.05682925	0.042920539
SGEF	AK127282_bp2423_R	AGCTAAAAGGTGGAATCTTGTGACAATGATCTCTTGAATCATTGTCACAAGATTCACCGG	Hs.570682	14775	4.5036							0.608425	0.07060058	0.015162507
SGK	NM_005627_bp493_R	AGCTAAAAGAGCGGAATGTTCTGTTGAAGTCTCTTGAACTTCAACAGAACATTCCGCTCGG	Hs.296323	433	0.644325	0.6800098	0.079038932	0.566066667	0.80575879	0.230241052				
SGK	NM_005627_bp493_R	AGCTAAAAGCGGAATGTTCTGTTGAAGTCTCTTGAACTTCAACAGAACATTCCGCTCGG	Hs.296323	5809	0.58165	0.87741101	0.169886588	0.118666667	0.62765354	0.73361186				
SGK	NM_005627_bp493_R	AGCTAAAAGCGGAATGTTCTGTTGAAGTCTCTTGAACTTCAACAGAACATTCCGCTCGG	Hs.296323	11185	-0.2679	2.24032773	0.772000071	0.4649	0.56872493	0.206505231				
SGK2	NM_016276_bp1003_R	AGCTAAAAAGCACCTGAAGTGCTTCGGAAATCTCTTGAATTTCCGAAGCACTTCAGGTGCGG	Hs.472793	5925	2.662625	5.06000104	0.232394223	10.6166						
SGK2	NM_016276_bp1003_R	AGCTAAAAAGCACCTGAAGTGCTTCGGAAATCTCTTGAATTTCCGAAGCACTTCAGGTGCGG	Hs.472793	11301	3.00065	5.88341014	0.244846493	8.2416						
SGK2	NM_016276_bp1240_R	AGCTAAAAGAGACTTTCTGAGATTAAGTCTCTTGAATCTAATCTCAAGAAAGTCTGCGG	Hs.472793	550	0.16665	0.81606715	0.645695042	-1.711766667	2.2492347	0.171095365				
SGK2	NM_016276_bp1240_R	AGCTAAAAGAGACTTTCTGAGATTAAGTCTCTTGAATCTAATCTCAAGAAAGTCTGCGG	Hs.472793	5926	-0.11755	1.01024391	0.786555618	-1.620566667	4.43947617	0.457965525				
SGK2	NM_016276_bp1240_R	AGCTAAAAGAGACTTTCTGAGATTAAGTCTCTTGAATCTAATCTCAAGAAAGTCTGCGG	Hs.472793	11302	-0.877625	0.53348661	0.015384594	-2.6578	2.50037142	0.083078181				
SGK2	NM_016276_bp583_R	AGCTAAAAGCAGTGAAGGTACTACAGAATCTCTTGAATTTCTGTAGTACCTTCACTGCGG	Hs.472793	1724	-0.077275	1.60683225	0.907816957	-4.3045	2.23321753	0.04623536				
SGK2	NM_016276_bp583_R	AGCTAAAAGCAGTGAAGGTACTACAGAATCTCTTGAATTTCTGTAGTACCTTCACTGCGG	Hs.472793	7100	0.125525	1.50390978	0.844141272	-5.0107	3.51269238	0.03816776				
SGK2	NM_016276_bp583_R	AGCTAAAAGCAGTGAAGGTACTACAGAATCTCTTGAATTTCTGTAGTACCTTCACTGCGG	Hs.472793	12476	-0.222425	1.30300442	0.686685066	-5.362266667	2.10916073	0.006852323				
SGKL	NM_013257_bp1103_R	AGCTAAAAGTAGGACATGTTGTCTTAACATCTCTTGAATGTTAAGACAACATGTCTCTACGG	Hs.380877	429	3.07445	1.57124142	0.004250243	0.590866667	2.29691544	0.596546518				
SGKL	NM_013257_bp1103_R	AGCTAAAAGTAGGACATGTTGTCTTAACATCTCTTGAATGTTAAGACAACATGTCTCTACGG	Hs.380877	5805	1.482025	1.15506363	0.024232648	0.6267	2.19186227	0.558778526				
SGKL	NM_013257_bp1103_R	AGCTAAAAGTAGGACATGTTGTCTTAACATCTCTTGAATGTTAAGACAACATGTCTCTACGG	Hs.380877	11181	5.084575	0.79036861	0.00101544	0.673766667	2.17199889	0.527898534				
SGKL	NM_013257_bp1256_R	AGCTAAAAGGGGCTGTTCTGTATGAAATGTCTCTTGAACATTTCATACAGAACAGCCCCGG	Hs.380877	1570	2.519925	3.94527356	0.160519472	1.0972	6.27767246	0.712623712				
SGKL	NM_013257_bp1256_R	AGCTAAAAGGGGCTGTTCTGTATGAAATGTCTCTTGAACATTTCATACAGAACAGCCCCGG	Hs.380877	6946	3.118	4.67310045	0.145668558	1.0227	6.6198754 9	0.74388085				
SGKL	NM_013257_bp1256_R	AGCTAAAAGGGGCTGTTCTGTATGAAATGTCTCTTGAACATTTCATACAGAACAGCCCCGG	Hs.380877	12322	3.01925	4.65015098	0.154644792	1.2337	5.99238463	0.665731245				
SGKL	NM_013257_bp1302_R	AGCTAAAAGCCGAGATGTTGCTGAAATGTTCTCTTGAAACATTCAGCAACATCTCGGCGG	Hs.380877	430	-0.12285	0.52494385	0.631375318	1.0345	0.7083483	0.050232128				
SGKL	NM_013257_bp1302_R	AGCTAAAAGCCGAGATGTTGCTGAAATGTTCTCTTGAAACATTTCAGCAACATCTCGGCGG	Hs.380877	5806	-0.408125	0.86409483	0.306120261	0.439	0.76859759	0.316006146				
SGKL	NM_013257_bp1302_R	AGCTAAAAGCCGAGATGTTGCTGAAATGTTCTCTTGAAACATTTCAGCAACATCTCGGCGG	Hs.380877	11182	-0.695525	0.81248549	0.095810451	0.4086	0.83901475	0.375929376				
SH2D3C	NM_170600_bp100_R	AGCTAAAAGGTCCTTCACTCTGAGACGATTTCTTTGAATCGTCTCAGAGTGAAGGACCGG	Hs.306412	3514	-1.038033333	0.27190638	0.006528581					-0.3400125	0.38511296	0.181146194
SH2D3C	NM_170600_bp100_R	AGCTAAAAGGTCCTTCACTCTGAGACGATTTCTTTGAATCGTCTCAGAGTGAAGGACCGG	Hs.306412	8890	-0.74555	0.81662989	0.080444202					-0.2782375	0.28560729	0.225164325
SH2D3C	NM_170600_bp100_R	AGCTAAAAGGTCCTTCACTCTGAGACGATTTCTTTGAATCGTCTCAGAGTGAAGGACCGG	Hs.306412	14266	-1.051133333	26.2706077	0.006119174					-0.2384875	0.21468079	0.267159391
SH2D3C	NM_170600_bp1925_R	AGCTAAAAGCTGGAAAGGTTCCACACCATTTCTCTTGAATGGTGTGGAACCTTTCCAGCGG	Hs.306412	3510	-0.296275	0.18601319	0.101488926					-0.0376625	0.32562575	0.865602908
SH2D3C	NM_170600_bp1925_R	AGCTAAAAGCTGGAAAGGTTCCACACCATTTCTCTTGAATGGTGTGGAACCTTTCCAGCGG	Hs.306412	8886	-0.303775	0.09104027	0.072596443					-0.1233375	0.41309149	0.612681358
SH2D3C	NM_170600_bp1925_R	AGCTAAAAGCTGGAAAGGTTCCACACCATTTCTCTTGAATGGTGTGGAACCTTTCCAGCGG	Hs.306412	14262	-0.298025	0.10433121	0.078934924					-0.0364875	0.24318273	0.86071931
SH2D3C	NM_170600_bp556_R	AGCTAAAAGCAGCCGATATGTGAAGTTCTTCTCTTGAAAGAACTTCACATAGTCGCTGCGG	Hs.306412	8888	0.410675	1.13094912	0.408994206					0.2557625	0.70684053	0.435634041
SH2D3C	NM_170600_bp556_R	AGCTAAAAGCAGCCGATATGTGAAGTTCTTCTCTTGAAAGAACTTCACATAGTCGCTGCGG	Hs.306412	14264	0.081275	0.13852633	0.586610039					0.0745625	1.39063225	0.890653062
SH2D3C	NM_170600_bp556_R	AGCTAAAAGCAGCCGATATGTGAAGTTCTTCTCTTGAAAGAACTTCACATAGTCGCTGCGG	Hs.306412	3512	-0.053525	0.36986495	0.792407011					0.535683333	1.43037553	0.386241176
SH3BP4	AF015043_bp1177_R	AGCTAAAAGTGTGGGACTTCATCAATAAATCTCTTGAATTTATTGATGAAGTCCCACACGG	Hs.516777	3827	0.023725	0.51873004	0.924704371					-0.0112	0.54880236	0.967483578
SH3BP4	AF015043_bp1177_R	AGCTAAAAGTGTGGGACTTCATCAATAAATCTCTTGAATTTATTGATGAAGTCCCACACGG	Hs.516777	9203	-0.0387875	0.45324027	0.865630085					-0.11585	0.50272681	0.661869042
SH3BP4	AF015043_bp1177_R	AGCTAAAAGTGTGGGACTTCATCAATAAATCTCTTGAATTTATTGATGAAGTCCCACACGG	Hs.516777	14579	-0.0527875	0.5368627	0.837626127					0.0058	0.5379924	0.982968958
SH3BP4	AF015043_bp1357_R	AGCTAAAAAGGGACTCTGATCTTGGTGAACTCTCTTGAAGTTCACCAAGATCAGAGTCCCGG	Hs.516777	3831	-0.3253625	0.23913168	0.095889836					0.597925	0.21419531	0.021728818
SH3BP4	AF015043_bp1357_R	AGCTAAAAGGGACTCTGATCTTGGTGAACTCTCTTGAAGTTCACCAAGATCAGAGTCCCGG	Hs.516777	9207	-0.3195375	0.27874568	0.11597762					0.6894	0.26012644	0.013933411
SH3BP4	AF015043_bp1357_R	AGCTAAAAGGGACTCTGATCTTGGTGAACTCTCTTGAAGTTCACCAAGATCAGAGTCCCGG	Hs.516777	14583	-0.3712625	0.31257871	0.089880797					0.508225	0.16397039	0.035667136
SH3BP4	AF015043_bp142_R	AGCTAAAAGACAGCGGTATGATTGATAAATTCTCTTGAAATTATCAATCATACCGCTGTCGG	Hs.516777	3829	0.1995875	0.70087601	0.535610729					-0.0755	0.76628804	0.823210508
SH3BP4	AF015043_bp142_R	AGCTAAAAGACAGCGGTATGATTGATAAATTCTCTTGAAATTATCAATCATACCGCTGTCGG	Hs.516777	9205	0.1103625	0.37050679	0.592123027					0.471625	0.82143471	0.213961308
SH3BP4	AF015043_bp142_R	AGCTAAAAGACAGCGGTATGATTGATAAATTCTCTTGAAATTATCAATCATACCGCTGTCGG	Hs.516777	14581	-0.1399375	0.70626645	0.662606692					0.315125	0.30817464	0.183652684
SH3BP5	AL117422_bp1409_R	AGCTAAAAGTGGCAGCAGTAAGAGCCAAATCTCTTGAATTTGGCTCTTACTGCTGCCACGG	Hs.257761	4217	0.0312625	0.26281394	0.856707335					1.009475	0.12682109	0.001527756
SH3BP5	AL117422_bp1409_R	AGCTAAAAGTGGCAGCAGTAAGAGCCAAATCTCTTGAATTTGGCTCTTACTGCTGCCACGG	Hs.257761	9593	0.1259875	0.32631825	0.516620278					0.969675	0.2762074	0.003068092
SH3BP5	AL117422_bp1409_R	AGCTAAAAGTGGCAGCAGTAAGAGCCAAATCTCTTGAATTTGGCTCTTACTGCTGCCACGG	Hs.257761	14969	0.0123375	0.19562383	0.937556844					1.00765	0.22366839	0.002068498
SH3BP5	AL117422_bp2337_R	AGCTAAAAGCCACTGTTATTAGATTGACATCTCTTGAATGTCAATCTAATAACAGTGGCGG	Hs.257761	4219	-0.4917125	0.43820258	0.069019431					-0.09405	0.15605081	0.634989693
SH3BP5	AL117422_bp2337_R	AGCTAAAAGCCACTGTTATTAGATTGACATCTCTTGAATGTCAATCTAATAACAGTGGCGG	Hs.257761	9595	-0.325975	0.55591617	0.250309257					-0.064825	0.19367305	0.247681569
SH3BP5	AL117422_bp2337_R	AGCTAAAAGCCACTGTTATTAGATTGACATCTCTTGAATGTCAATCTAATAACAGTGGCGG	Hs.257761	14971	-0.1517375	0.85871325	0.687896088					-0.074575	0.51766456	0.780362862
SH3BP5	AL117422_bp2418_R	AGCTAAAAGCTGCAACTAGTATTCCTTAGATCTCTTGAATCTAAGGAATACTAGTGCAGCGG	Hs.257761	4215	-0.3991375	0.21221986	0.047758877					-0.09275	0.26152589	0.662356386
SH3BP5	AL117422_bp2418_R	AGCTAAAAGCTGCAACTAGTATTCCTTAGATCTCTTGAATCTAAGGAATACTAGTGCAGCGG	Hs.257761	9591	-0.3716625	0.30068169	0.085435313					-0.114	0.23032694	0.584426859
SH3BP5	AL117422_bp2418_R	AGCTAAAAGCTGCAACTAGTATTCCTTAGATCTCTTGAATCTAAGGAATACTAGTGCAGCGG	Hs.257761	14967	-0.3606125	0.12151414	0.046909425					-0.069925	0.2377551	0.736570954
SH3KBP1	AF230904_bp298_R	AGCTAAAAAGAGGCCATAGTGGAGTTTGACTCTCTTGAAGTCAAACTCCACTATGGCCTCGG	Hs.444770	4840	0.0511375	0.3118789	0.784009862	-0.2091875	0.38427728	0.355323542				
SH3KBP1	AF230904_bp298_R	AGCTAAAAAGAGGCCATAGTGGAGTTTGACTCTCTTGAAGTCAAACTCCACTATGGCCTCGG	Hs.444770	10216	0.0408375	0.28444811	0.819435089	-0.1432125	0.7605656	0.510551078				
SH3KBP1	AF230904_bp298_R	AGCTAAAAAGAGGCCATAGTGGAGTTTGACTCTCTTGAAGTCAAACTCCACTATGGCCTCGG	Hs.444770	15592	-0.0354375	0.43800135	0.8744194	-1.3480375	1.65469086	0.113716937				
SH3KBP1	AF230904_bp439_R	AGCTAAAAAGACAACTTTGTAAGAGAAATATCTCTTGAATATTTCTCTTACAAAGTTGTCGG	Hs.444770	4838	-0.1172375	0.25746332	0.504613789	-0.0998625	0.44860241	0.676457185				
SH3KBP1	AF230904_bp439_R	AGCTAAAAAGACAACTTTGTAAGAGAAATATCTCTTGAATATTTCTCTTACAAAGTTGTCGG	Hs.444770	10214	-0.0565875	0.29508115	0.756085761	-0.1039625	0.47388598	0.675579088				
SH3KBP1	AF230904_bp439_R	AGCTAAAAAGACAACTTTGTAAGAGAAATATCTCTTGAATATTTCTCTTACAAAGTTGTCGG	Hs.444770	15590	-0.0271375	0.30127764	0.88218673	-0.0598875	0.51147146	0.818009406				
SH3KBP1	AF230904_bp631_R	AGCTAAAAAGACGATGAACTTGAGCTGAAATCTCTTGAATTTCAGCTCAAGTTCATCGTCGG	Hs.444770	4836	0.7793625	0.14306171	0.002602397	0.1997875	0.42946359	0.405348325				
SH3KBP1	AF230904_bp631_R	AGCTAAAAGACGATGAACTTGAGCTGAAATCTCTTGAATTTCAGCTCAAGTTCATCGTCGG	Hs.444770	10212	0.8166125	0.08295927	0.001659884	0.3631375	0.27602725	0.093754499				
SH3KBP1	AF230904_bp631_R	AGCTAAAAGACGATGAACTTGAGCTGAAATCTCTTGAATTTCAGCTCAAGTTCATCGTCGG	Hs.444770	15588	0.7965125	0.10559956	0.002009044	0.4047125	0.21388874	0.053632567				
SH3RF1	BC053671_bp1732_R	AGCTAAAAGTGCCCCTTCTCAGGTTCATATCTCTTGAATATGAACCTGAGAAGGGGCACGG	Hs.301804	4478	0.0258	0.14099109	0.861349545	0.316925	0.17288552	0.088888832	-1.24336667	1.14649304	0.045869477
SH3RF1	BC053671_bp1732_R	AGCTAAAAGTGCCCCTTCTCAGGTTCATATCTCTTGAATATGAACCTGAGAAGGGGCACGG	Hs.301804	9854	0.26125	0.40866202	0.256940644	0.321425	0.28249938	0.129126567	-0.8148	0.90172021	0.094882021
SH3RF1	BC053671_bp1732_R	AGCTAAAAGTGCCCCTTCTCAGGTTCATATCTCTTGAATATGAACCTGAGAAGGGGCACGG	Hs.301804	15230	0.216225	0.37854656	0.318536521	0.247225	0.1872769	0.166733463	-0.68833333	0.60888231	0.080866047
SH3RF1	BC053671_bp3210_R	AGCTAAAAAGGGCAGAACTTGAACTTAAATCTCTTGAATTTAAGTTCAAGTTCTGCCTCGG	Hs.301804	4476	0.698025	0.31611175	0.011083962	0.519775	0.59076652	0.122319723	0.5649	1.96541289	0.482915178
SH3RF1	BC053671_bp3210_R	AGCTAAAAAGGGCAGAACTTGAACTTAAATCTCTTGAATTTAAGTTCAAGTTCTGCCTCGG	Hs.301804	9852	0.369425	0.32205697	0.094539845	0.397025	0.60373517	0.219195167	0.694933333	0.56233417	0.070933089
SH3RF1	BC053671_bp3210_R	AGCTAAAAAGGGCAGAACTTGAACTTAAATCTCTTGAATTTAAGTTCAAGTTCTGCCTCGG	Hs.301804	15228	0.418675	0.39082232	0.089023363	0.36285	0.40882024	0.152632017	0.089433333	0.84148637	0.823187878
SHB	AK096227_bp28_R	AGCTAAAAGCATGTCTCCTGGCTGTGTGTTCTCTTGAAACACACAGCCAGGAGACATGCGG		4004	0.7290625	0.67687093	0.054517895					0.74765	0.45884343	0.020868883
SHB	AK096227_bp28_R	AGCTAAAAGCATGTCTCCTGGCTGTGTGTTCTCTTGAAACACACAGCCAGGAGACATGCGG		9380	0.6465625	0.50057567	0.038886506					0.495525	0.37484491	0.065764976
SHB	AK096227_bp28_R	AGCTAAAAGCATGTCTCCTGGCTGTGTGTTCTCTTGAAACACACAGCCAGGAGACATGCGG		14756	0.7094625	0.35553393	0.01309734					0.44775	0.39833819	0.096512669
SHB	AK096227_bp304_R	AGCTAAAAGAGGGGGATGTTTGCTCAGAGTTCTCTTGAAACTCTGAGCAAACATCCCCTCGG		4002	0.6566	0.84357839	0.212675095					-0.365375	0.46667473	0.183996736
SHB	AK096227_bp304_R	AGCTAAAAGAGGGGGATGTTTGCTCAGAGTTCTCTTGAAACTCTGAGCAAACATCCCCTCGG		9378	0.8907	1.02275925	0.159173652					-0.2483	0.62329091	0.411435314
SHB	AK096227_bp304_R	AGCTAAAAGAGGGGGATGTTTGCTCAGAGTTCTCTTGAAACTCTGAGCAAACATCCCCTCGG		14754	0.6336	0.22429427	0.086874724					-0.345675	0.59040363	0.254144323
SHB	AK096227_bp77_R	AGCTAAAAGGTCGAGGATTGGCAGATAGTTCTCTTGAAACTATCTGCCAATCCTCGACCGG		4000	0.1645625	0.30071481	0.387356535					0.49555	0.28834214	0.052819931
SHB	AK096227_bp77_R	AGCTAAAAGGTCGAGGATTGGCAGATAGTTCTCTTGAAACTATCTGCCAATCCTCGACCGG		9376	0.278016667	0.38904359	0.293386079					0.43565	0.32729755	0.086875523
SHB	AK096227_bp77_R	AGCTAAAAGGTCGAGGATTGGCAGATAGTTCTCTTGAAACTATCTGCCAATCCTCGACCGG		14752	0.4776625	0.61340078	0.113709935					0.594875	0.16375615	0.019531333
SHC1	NM_183001_bp1473_R	AGCTAAAAAGGACAATCACTTGCCCATCATTCTCTTGAATGATGGGCAAGTGATTGTCCGG	Hs.433795	1139	1.0373625	0.67558782	0.016149615					-0.1060375	0.5066445	0

SIN3A	NM_015477_bp2330_R	AGCTAAAAAGCTGTTCCAATTGTCCTAAATCTCTTGAATTTAAGGACAATTGGAACAGCGG	Hs.458939	1135	-1.2820625	0.14108277	0.000259149					-0.0075875	0.29150232	0.971957271						
SIN3A	NM_015477_bp2330_R	AGCTAAAAAGCTGTTCCAATTGTCCTTAAATCTCTTGAATTTAAGGACAATTGGAACAGCGG	Hs.458939	6511	-1.3179125	0.12870882	0.000213623					-0.0395875	0.23030507	0.847634001						
SIN3A	NM_015477_bp2330_R	AGCTAAAAAGCTGTTCCAATTGTCCTTAAATCTCTTGAATTTAAGGACAATTGGAACAGCGG	Hs.458939	11887	-1.2203125	0.1972831	0.000450876					0.0559125	0.28572201	0.795217493						
SIN3A	NM_015477_bp2677_R	AGCTAAAAGAGGAGACAAATATAAGATAAATCTCTTGAATTTATCTTATATTTGTCCTCCGG	Hs.458939	2241	-0.1733875	0.95531444	0.676214609					-0.55538333	0.51941417	0.117598274						
SIN3A	NM_015477_bp2677_R	AGCTAAAAGAGGAGACAAATATAAGATAAATCTCTTGAATTTATCTTATATTTGTCCTCCGG	Hs.458939	7617	0.0472625	0.69456436	0.880209208					-0.5314375	0.44504026	0.066717736						
SIN3A	NM_015477_bp2677_R	AGCTAAAAGAGGAGACAAATATAAGATAAATCTCTTGAATTTATCTTATATTTGTCCTCCGG	Hs.458939	12993	0.123916667	0.63665947	0.708338002					-0.3481								
SIN3B	NM_050561_bp1388_R	AGCTAAAAGCGCTTCGAGTTAGACGTTGTTCTCTTGAAACAACGTCTAACTCGAAGCGCGG	Hs.13999	1134	-0.4264375	0.49836001	0.125373574					-0.3273875	0.29298232	0.164862824						
SIN3B	NM_050561_bp1388_R	AGCTAAAAGCGCTTCGAGTTAGACGTTGTTCTCTTGAAACAACGTCTAACTCGAAGCGCGG	Hs.13999	6510	-0.3216625	0.30358654	0.124698726					-0.4277875	0.17274325	0.064754578						
SIN3B	NM_050561_bp1388_R	AGCTAAAAGCGCTTCGAGTTAGACGTTGTTCTCTTGAAACAACGTCTAACTCGAAGCGCGG	Hs.13999	11886	-0.3904125	0.40539763	0.112584911					-0.4089375	0.21063929	0.079804509						
SIN3B	NM_050561_bp1868_R	AGCTAAAAGCACCTCATCTTTGTGTACGATCTCTTGAATCGTACACAAAGATGAGGTGCGG	Hs.13999	2239	-0.8883875	0.46199004	0.009974028					-1.1599125	0.87297713	0.016807319						
SIN3B	NM_050561_bp1868_R	AGCTAAAAGCACCTCATCTTTGTGTACGATCTCTTGAATCGTACACAAAGATGAGGTGCGG	Hs.13999	7615	-0.9113375	0.52446248	0.012697288					-1.1483375	0.92968165	0.021219742						
SIN3B	NM_050561_bp1868_R	AGCTAAAAGCACCTCATCTTTGTGTACGATCTCTTGAATCGTACACAAAGATGAGGTGCGG	Hs.13999	12991	-0.9480875	0.54727224	0.012264205					-1.0937625	0.92639341	0.025407045						
SIN3B	NM_050561_bp731_R	AGCTAAAAGCGGTCTCTGTTCACAGGAAATCTCTTGAATTTCCTGTGAACAGAGACCGCGG	Hs.13999	1133	0.1391875	0.18736099	0.39075322					-0.1005875	0.15802464	0.612526672						
SIN3B	NM_050561_bp731_R	AGCTAAAAGCGGTCTCTGTTCACAGGAAATCTCTTGAATTTCCTGTGAACAGAGACCGCGG	Hs.13999	6509	0.1540375	0.16455702	0.333910531					-0.0556125	0.08145645	0.77062515						
SIN3B	XM_050561_bp731_R	AGCTAAAAGCGGTCTCTGTTCACAGGAAATCTCTTGAATTTCCTGTGAACAGAGACCGCGG	Hs.13999	11885	0.1257125	0.23128748	0.460170252					-0.1230125	0.34428778	0.590943605						
SIP1	NM_003616_bp285_R	AGCTAAAAGTAGCTCAAATTGACCCAAAGTCTCTTGAACTTTGGGTCAATTTGAGCTACGG	Hs.533862	2195	-0.5326125	0.30198333	0.028091963					-0.3098625	0.51455073	0.269445699						
SIP1	NM_003616_bp285_R	AGCTAAAAGTAGCTCAAATTGACCCAAAGTCTCTTGAACTTTGGGTCAATTTGAGCTACGG	Hs.533862	7571	-0.4631625	0.25843595	0.036377582					-0.3409875	0.52768899	0.234344921						
SIP1	NM_003616_bp285_R	AGCTAAAAGTAGCTCAAATTGACCCAAAGTCTCTTGAACTTTGGGTCAATTTGAGCTACGG	Hs.533862	12947	-0.2308875	0.53931076	0.389822764					-0.4298875	0.53625502	0.14929036						
SIP1	NM_003616_bp654_R	AGCTAAAAGTAACTAGTGTCTTGGAATATTCTCTTGAAATATTCCAAGACACTAGTTACGG	Hs.533862	2191	0.8578625	0.34257557	0.005619266					-0.0969125	0.18396779	0.630399969						
SIP1	NM_003616_bp654_R	AGCTAAAAGTAACTAGTGTCTTGGAATATTCTCTTGAAATATTCCAAGACACTAGTTACGG	Hs.533862	7567	0.8365875	0.26805076	0.003906123					-0.1145125	0.15548714	0.564969246						
SIP1	NM_003616_bp654_R	AGCTAAAAGTAACTAGTGTCTTGGAATATTCTCTTGAAATATTCCAAGACACTAGTTACGG	Hs.533862	12943	0.9895875	0.47651948	0.006997115					-0.0553625	0.18003014	0.781458106						
SIP1	NM_003616_bp697_R	AGCTAAAAGAGACTTTACTCCAGAATTGGTCTCTTGAACCAATTCTGGAGTAAAGTCTCGG	Hs.533862	2193	-0.3824375	0.30781561	0.081365041					-0.6292875	0.79532925	0.106294245						
SIP1	NM_003616_bp697_R	AGCTAAAAGAGACTTTACTCCAGAATTGGTCTCTTGAACCAATTCTGGAGTAAAGTCTCGG	Hs.533862	7569	-0.4150625	0.29004896	0.059617056					-0.6462625	0.75074985	0.088603846						
SIP1	NM_003616_bp697_R	AGCTAAAAGAGACTTTACTCCAGAATTGGTCTCTTGAACCAATTCTGGAGTAAAGTCTCGG	Hs.533862	12945	-0.4641375	0.28536541	0.041135586					-0.6627125	0.78493403	0.090018963						
SIPA1	NM_153253_bp1272_R	AGCTAAAAAGAGCAAGTGGTGAGCTTCCAATCTCTTGAATTGGAAGCTCACCACTTGCTCGG	Hs.530477	7621	-0.3445375	0.90242669	0.396904361													
SIPA1	NM_153253_bp1272_R	AGCTAAAAAGAGCAAGTGGTGAGCTTCCAATCTCTTGAATTGGAAGCTCACCACTTGCTCGG	Hs.530477	2245	-0.02425	0.93603706	0.956331432													
SIPA1	NM_153253_bp1272_R	AGCTAAAAAGAGCAAGTGGTGAGCTTCCAATCTCTTGAATTGGAAGCTCACCACTTGCTCGG	Hs.530477	12997	0.333125	0.49624432	0.361751784													
SIPA1	NM_153253_bp1472_R	AGCTAAAAAGCACTCCCCTCACACCACATATCTCTTGAATATGTGGTGTAGAGGGAGTGCGG	Hs.530477	1136	-0.5974875	0.36949907	0.026729701					0.0059875	0.31138315	0.978239418						
SIPA1	NM_153253_bp1472_R	AGCTAAAAGCACTCCCCTCACACCACATATCTCTTGAATATGTGGTGTAGAGGGAGTGCGG	Hs.530477	6512	-0.4424875	0.4277883	0.08874379					-0.0446875	0.30977211	0.83874853						
SIPA1	NM_153253_bp1472_R	AGCTAAAAGCACTCCCCTCACACCACATATCTCTTGAATATGTGGTGTAGAGGGAGTGCGG	Hs.530477	11888	-0.5093375	0.41408787	0.056056397					-0.0121625	0.2528257	0.953647097						
SIPA1	NM_153253_bp657_R	AGCTAAAAGTGCAAAGCCTGCTCTTTGATTCTCTTGAAATCAAAGAGCAGGCTTTGCACGG	Hs.530477	1137	3.3821625	0.52886896	3.29E-05					0.4320625	0.99710445	0.313789689						
SIPA1	NM_153253_bp657_R	AGCTAAAAGTGCAAAGCCTGCTCTTTGATTCTCTTGAAATCAAAGAGCAGGCTTTGCACGG	Hs.530477	6513	3.1213625	0.48975792	3.75E-05					0.4335875	0.93481014	0.290066796						
SIPA1	NM_153253_bp657_R	AGCTAAAAGTGCAAAGCCTGCTCTTTGATTCTCTTGAAATCAAAGAGCAGGCTTTGCACGG	Hs.530477	11889	3.4004875	0.57166582	4.24E-05					0.4281875	0.95589746	0.303150996						
SIT	NM_014450_bp132_R	AGCTAAAAAGCTTGTGGACTCTCACATCTGTCTCTTGAACGATGTGAGAGTCCACAAGCGG	Hs.88012	5203	-1.5886875	1.16262433	0.019237329	-0.5195125	0.45052888	0.074583387										
SIT	NM_014450_bp132_R	AGCTAAAAGCTTGTGGACTCTCACATCTGTCTCTTGAACGATGTGAGAGTCCACAAGCGG	Hs.88012	10579	-0.2550625	0.52016349	0.334761953	-0.3887625	0.32697861	0.096702962										
SIT	NM_014450_bp132_R	AGCTAAAAGCTTGTGGACTCTCACATCTGTCTCTTGAACGATGTGAGAGTCCACAAGCGG	Hs.88012	15955	-1.0103375	2.0929253	2.272294999	-0.6754375	0.4139509	0.028561537										
SIT	NM_014450_bp250_R	AGCTAAAAGACGCTGCTATTTCTCATCTCTCTCTTGAAGAGATGAGAAATAGCAGCGTCGG	Hs.88012	5199	-1.9902125	1.13045992	0.007197356	-0.3144625	0.57794069	0.30055202										
SIT	NM_014450_bp250_R	AGCTAAAAGACGCTGCTATTTCTCATCTCTCTCTTGAAGAGATGAGAAATAGCAGCGTCGG	Hs.88012	10575	-0.4860125	0.17112817	0.020330598	-0.2244125	0.53329504	0.42018506										
SIT	NM_014450_bp250_R	AGCTAAAAGACGCTGCTATTTCTCATCTCTCTCTTGAAGAGATGAGAAATAGCAGCGTCGG	Hs.88012	15951	-1.4655875	2.03851617	0.125811645	-0.0581375	0.59838739	0.842553309										
SIT	NM_014450_bp369_R	AGCTAAAAAGGAACCTGCATTATCTACAGATCTCTTGAATCTGTAGATAATGCAGGTTCCGG	Hs.88012	5201	-0.5392875	1.47163203	0.397700804	-0.0899375	0.59620603	0.758749586										
SIT	NM_014450_bp369_R	AGCTAAAAAGGAACCTGCATTATCTACAGATCTCTTGAATCTGTAGATAATGCAGGTTCCGG	Hs.88012	10577	-0.3386125	0.1460135	0.060318828	0.2835125	0.17154823	0.117791816										
SIT	NM_014450_bp369_R	AGCTAAAAGGAACCTGCATTATCTACAGATCTCTTGAATCTGTAGATAATGCAGGTTCCGG	Hs.88012	15953	-1.0761625	1.36980375	0.105236354	-0.0674125	0.85280126	0.863848072										
SITPEC	NM_016581_bp1049_R	AGCTAAAAGAACCTCTACTACCCGATGCATCTCTTGAATGCATCGGGTAGTAGAGGTTCGG	Hs.515146	2633	-0.8686	0.12864794	0.002193232					0.4415625	0.42780697	0.082356643						
SITPEC	NM_016581_bp1049_R	AGCTAAAAGAACCTCTACTACCCGATGCATCTCTTGAATGCATCGGGTAGTAGAGGTTCGG	Hs.515146	8009	-0.8241625	0.20025519	0.003394106					0.2942625	0.16281437	0.123058668						
SITPEC	NM_016581_bp1049_R	AGCTAAAAGAACCTCTACTACCCGATGCATCTCTTGAATGCATCGGGTAGTAGAGGTTCGG	Hs.515146	13385	-0.790675	0.11070139	0.003204921					0.3419875	0.38931153	0.137500575						
SITPEC	NM_016581_bp388_R	AGCTAAAAGGGGCCACATTGACTTCATCTTCTCTCTTGAAAGATGAAGTCAATGTGGCCCCGG	Hs.515146	2631	0.83085	0.37320633	0.00617337					0.0754375	0.83984732	0.746606321						
SITPEC	NM_016581_bp388_R	AGCTAAAAGGGGCCACATTGACTTCATCTTCTCTCTTGAAAGATGAAGTCAATGTGGCCCCGG	Hs.515146	13383	0.7818	0.3897824	0.008391788					0.1888375	0.48821944	0.388981008						
SITPEC	NM_016581_bp388_R	AGCTAAAAGGGGCCACATTGACTTCATCTTCTCTCTTGAAAGATGAAGTCAATGTGGCCCCGG	Hs.515146	8007	0.939775	0.3477561	0.003289371					0.174683333	0.65139582	0.539246344						
SITPEC	NM_016581_bp686_R	AGCTAAAAGTTCCCTCGATTCATGAACGTTCTCTTGAAACGTTCATGAATCGAGGGAACGG	Hs.515146	2635	-0.595525	0.61652553	0.107719127					0.0160255	0.4296819	0.818543928						
SITPEC	NM_016581_bp686_R	AGCTAAAAGTTCCCTCGATTCATGAACGTTCTCTTGAAACGTTCATGAATCGAGGGAACGG	Hs.515146	13387	-0.53895	0.5678604	0.120517062					0.0399875	0.36096744	0.719966304						
SITPEC	NM_016581_bp686_R	AGCTAAAAGTTCCCTCGATTCATGAACGTTCTCTTGAAACGTTCATGAATCGAGGGAACGG	Hs.515146	8011	-0.436925	0.89105616	0.34655324					0.4307								
SKP1A	NM_006930_bp1366_R	AGCTAAAATTGCACTGCTCTGTTTATAATCTCTTGAATTATAAACAGAGCAGTGCAACGG	Hs.171626	2834	4.586625	2.67465409	0.006633653					0.8601625	0.78609156	0.032751597						
SKP1A	NM_006930_bp1366_R	AGCTAAAATTGCACTGCTCTGTTTATAATCTCTTGAATTATAAACAGAGCAGTGCAACGG	Hs.171626	8210	4.9864	3.0336456	0.007926967					0.9232875	0.81311931	0.027770226						
SKP1A	NM_006930_bp1366_R	AGCTAAAATTGCACTGCTCTGTTTATAATCTCTTGAATTATAAACAGAGCAGTGCAACGG	Hs.171626	13586	4.837375	2.49596149	0.004025804					1.0102125	0.62891699	0.009723569						
SKP1A	NM_006930_bp188_R	AGCTAAAAGATGTGGAAATGGCCAAACAATCTCTTGAATTGTTTGGCAATTTCCACATCGG	Hs.171626	2808	0.4407	0.59122668	0.111197553					0.6105875	1.35199338	0.244944924						
SKP1A	NM_006930_bp188_R	AGCTAAAAGATGTGGAAATGGCCAAACAATCTCTTGAATTGTTTGGCAATTTCCACATCGG	Hs.171626	8184	0.4224	0.55722073	0.106837612					0.3257375	1.64672942	0.565327824						
SKP1A	NM_006930_bp188_R	AGCTAAAAGATGTGGAAATGGCCAAACAATCTCTTGAATTGTTTGGCAATTTCCACATCGG	Hs.171626	13560	0.442175	0.65500819	0.13410432					0.4565875	1.3971961	0.376704508						
SKP1A	NM_006930_bp819_R	AGCTAAAAGAGCTCTTGTTAATGTATTAATCTCTTGAATTAATACATTAACAAGAGCTCGG	Hs.171626	2836	0.5518	0.28297089	0.015832307					1.0174375	1.15939487	0.054721411						
SKP1A	NM_006930_bp819_R	AGCTAAAAGAGCTCTTGTTAATGTATTAATCTCTTGAATTAATACATTAACAAGAGCTCGG	Hs.171626	8212	0.570225	0.37365346	0.024202688					0.7788375	0.98192065	0.079605337						
SKP1A	NM_006930_bp819_R	AGCTAAAAGAGCTCTTGTTAATGTATTAATCTCTTGAATTAATACATTAACAAGAGCTCGG	Hs.171626	13588	0.58815	0.06525135	0.004259787					0.8950875	1.33040656	0.110362976						
SLA	BX647569_bp1911_R	AGCTAAAAGTGGGTTATCTTAATAATTCATCTCTTGAATGAATTATTAAGATAACCCACGG	Hs.75367	4452	-0.048075	0.47503106	0.838972663					-0.6277								
SLA	BX647569_bp1911_R	AGCTAAAAGTGGGTTATCTTAATAATTCATCTCTTGAATGAATTATTAAGATAACCCACGG	Hs.75367	9828	-0.133575	0.46491352	0.572636457	-0.5184	0.70003571	0.299403581		0.0394								
SLA	BX647569_bp1911_R	AGCTAAAAGTGGGTTATCTTAATAATTCATCTCTTGAATGAATTATTAAGATAACCCACGG	Hs.75367	15204	-0.521025	0.46354798	0.064098995	-0.3891	0.60185006	0.289828994		-0.6786								
SLA	BX647569_bp897_R	AGCTAAAAGGCACTCACTTGTTGCTTCATTCCTTCTGAAATGAAGCAACAAGTGAGTGCCGG	Hs.75367	4454	-0.894075	1.0184151	0.083327008	0.00025	0.79331193	0.99945864		-0.78203333	1.32729871	0.200174578						
SLA	BX647569_bp897_R	AGCTAAAAGGCACTCACTTGTTGCTTCATTCCTTCTGAAATGAAGCAACAAGTGAGTGCCGG	Hs.75367	9830	-0.853975	0.72080287	0.038800458	-0.18815	0.73417404	0.591930014		-0.5814	0.7694635	0.165835623						
SLA	BX647569_bp897_R	AGCTAAAAGGCACTCACTTGTTGCTTCATTCCTTCTGAAATGAAGCAACAAGTGAGTGCCGG	Hs.75367	15206	-0.9962	1.0353891	0.134223735	-0.094966667	0.77497629	0.815765795		-0.4774	0.98909438	0.310626134						
SLC12A2	NM_001046_bp1116_R	AGCTAAAAGGTCTATCAGTCCTTGTAAATATCTCTTGAATATTACAAGGACTGATAGACCGG	Hs.162585	3232	0.346133333	0.27588357	0.160230929					0.81865	0.79504934	0.048203027						
SLC12A2	NM_001046_bp1116_R	AGCTAAAAGGTCTATCAGTCCTTGTAAATATCTCTTGAATATTACAAGGACTGATAGACCGG	Hs.162585	8608	0.388933333	0.07514734	0.083395444					0.47155	0.26866396	0.05890269						
SLC12A2	NM_001046_bp1116_R	AGCTAAAAGGTCTATCAGTCCTTGTAAATATCTCTTGAATATTACAAGGACTGATAGACCGG	Hs.162585	13984	0.496033333	0.42271263	0.107160226					0.64625	0.39331526	0.028894737						
SLC12A2	NM_001046_bp3150_R	AGCTAAAAGGCCCTATTGTGCCTTAAATCTCTTGAATTTAAGGCACAATAGGGCCGG	Hs.162585	3230	0.51785	0.25007192	0.023704905					0.127375	0.2644094	0.552489732						
SLC12A2	NM_001046_bp3150_R	AGCTAAAAGGCCCTATTGTGCCTTAAATCTCTTGAATTTAAGGCACAATAGGGCCGG	Hs.162585	8606	0.324925	0.36921613	0.152277324					0.273925	0.32226413	0.244608849						
SLC12A2	NM_001046_bp3150_R	AGCTAAAAGGCCCTATTGTGCCTTAAATCTCTTGAATTTAAGGCACAATAGGGCCGG	Hs.162585	13982	0.536725	0.26603788	0.022644204					0.336675	0.31582891	0.16184499						
SLC12A2	NM_001046_bp3519_R	AGCTAAAAGAGCAAGATATTGCAGATAAATCTCTTGAATTTATCTGCAATATCTTGCTCGG	Hs.162585	3234	-1.342825	0.48267189	0.001948354					0.74195	1.04216112	0.117913531						
SLC12A2	NM_001046_bp3519_R	AGCTAAAAGAGCAAGATATTGCAGATAAATCTCTTGAATTTATCTGCAATATCTTGCTCGG	Hs.162585	8610	-1.309275	0.17166823	0.000270089					0.61715	0.82226834	0.118855169						
SLC12A2	NM_001046_bp3519_R	AGCTAAAAGAGCAAGATATTGCAGATAAATCTCTTGAATTTATCTGCAATATCTTGCTCGG	Hs.162585	13986	-1.402525	0.30625395	0.000486172					0.519175	0.48355651	0.108051163						
SLC1A1	NM_004170_bp1371_R	AGCTAAAAGGCGGTTTATTGCACAGTTGTCTCTTGAACAACTGTGCAATAAACACCGCGG	Hs.444915	3245	-0.508725	0.40860262	0.054902229					0.4109625	1.03211899	0.348330011	-0.074225	0.6383514	0.831071477	0.036125	0.31010849	0.830765831
SLC1A1	NM_004170_bp1371_R	AGCTAAAAGGCGGTTTATTGCACAGTTGTCTCTTGAACAACTGTGCAATAAACACCGCGG	Hs.444915	13997	-0.77185	0.16923653	0.003097009					0.6832125	0.71276582	0.067884321	-0.011975	0.62891689	0.972015224	0.1274	0.3089905	0.470037944
SLC1A1	NM_004170_bp1371_R	AGCTAAAAGGCGGTTTATTGCACAGTTGTCTCTTGAACAACTGTGCAATAAACACCGCGG	Hs.444915	8621	-0.5092	0.2456487	0.024613848					1.28745	0.54397725	0.023306241	0.0063	0.60568943	0.984709268	0.0409	0.3908285	0.847621576
SLC1A1	NM_004170_bp513_R	AGCTAAAAGCGCGCTGTCGTATTATTCTCTTGAAATAATACACGACAGCGCGCACGG	Hs.444915	3243	-0.484975	0.35770367	0.050428241					0.1872125	0.27285795	0.393733819	0.16145	0.35801082	0.433573098	0.8587	0.1895802	0.002841218
SLC1A1	NM_004170_bp513_R	AGCTAAAAGCGCGCTGTCGTATTATTCTCTTGAAATAATACACGACAGCGCGCACGG	Hs.444915	8619	-0.447825	0.24739287	0.038589143					0.1385875	0.23260869	0.509389051	0.123175	0.38441939	0.56722178	0.892	0.23086482	0.004505859
SLC1A1	NM_004170_bp513_R	AGCTAAAAGCGCGCTGTCGTATTATTCTCTTGAAATAATACACGACAGCGCGCACGG	Hs.444915	13995	-0.4677	0.2339924	0.031280563					0.1704375	0.24803117	0.42654708	0.128	0.34524288	0.512157773	0.876875	0.25124721	0.006035017
SLC20A1	NM_005415_bp1053_R	AGCTAAAAGCCTGCACAGTTGGAATAAACTCTCTTGAAGTTTATTCCAACTGTGCAGGCCGG	Hs.187946	2761	1.210425	0.39899939	0.00180903					0.289975	0.2343176	0.192768968						
SLC20A1	NM_005415_bp1053_R	AGCTAAAAGCCTGCACAGTTGGAATAAACTCTCTTGAAGTTTATTCCAACTGTGCAGGCCGG	Hs.187946	8137	1.216325	0.40382414	0.001827244					0.268325	0.23341837	0.223290995						
SLC20A1	NM_005415_bp1053_R	AGCTAAAAGCCTGCACAGTTGGAATAAACTCTCTTGAAGTTTATTCCAACTGTGCAGGCCGG	Hs.187946	13513	1.2327	0.38200556	0.001487903					0.264425	0.26153002	0.23815104						
SLC20A1	NM_005415_bp1723_R	AGCTAAAAGTGGCATGCCTCTGGATTCATTCTCTTGAAATGAATCCAGAGGCATGCCACGG	Hs.187946	2735	0.63655	0.58716166	0.058778845					-0.222375	0.56861139	0.439351781						
SLC20A1	NM_005415_bp1723_R	AGCTAAAAGTGGCATGCCTCTGGATTCATTCTCTTGAAATGAATCCAGAGGCATGCCACGG	Hs.187946	8111	1.10765	1.07548676	0.051535148					-0.092625	0.41496791	0.702928419						
SLC20A1	NM_005415_bp1723_R	AGCTAAAAGTGGCATGCCTCTGGATTCATTCTCTTGAAATGAATCCAGAGGCATGCCACGG	Hs.187946	13487	0.8832	0.76862138	0.041397104					-0.262425	0.41504742	0.29995146						
SLC20A1	NM_005415_bp2064_R	AGCTAAAAGGGCCTCTGGTTGCTTTATATTCTCTTGAAATATAAAGCAACCAGAGGCCCGG	Hs.187946	2733	-0.428475	0.80944726	0.261393901					0.6798	0.62557588	0.053145429						
SLC20A1	NM_005415_bp2064_R	AGCTAAAAGGGCCTCTGGTTGCTTTATATTCTCTTGAAATATAAAGCAACCAGAGGCCCGG	Hs.187946	8109	-0.9264	0.1603197	0.001308029					0.716775	0.59021842	0.03951897						
SLC20A1	NM_005415_bp2064_R	AGCTAAAAGGGCCTCTGGTTGCTTTATATTCTCTTGAAATATAAAGCAACCAGAGGCCCGG	Hs.187946	13485	-0.8677	0.36870907	0.006305555					0.6008	0.55982506	0.064445678						
SLC25A23	NM_024103_bp658_R	AGCTAAAGACGAGTTCTCAAAGCAAGATCTCTTGAATCTTGCTTTGAGAACTCGTCCGG	Hs.356231	3607	2.37375	0.43203028	9.56E-06					0.8928375	0.44995506	0.009511677						
SLC25A23	NM_024103_bp658_R	AGCTAAAGACGAGTTCTCAAAGCAAGATCTCTTGAATCTTGCTTTGAGAACTCGTCCGG	Hs.356231	8983	2.35045	0.41790602	9.08E-05					0.8946375	0.44256119	0.009131665						
SLC25A23	NM_024103_bp658_R	AGCTAAAGACGAGTTCTCAAAGCAAGATCTCTTGAATCTTGCTTTGAGAACTCGTCCGG	Hs.356231	14359	2.374425	0.41044673	8.20E-05					0.9294625	0.47534611	0.008871144						
SLC25A23	NM_024103_bp784_R	AGCTAAAGTCCATGCCTCAAAGACCAATCTCTTGAATTGGTCTTTGAGGCATGGACCGG	Hs.356231	3605	-0.554775	0.31091926	0.025503711					-0.0462625	0.22095994	0.822526821						
SLC25A23	NM_024103_bp784_R	AGCTAAAGTCCATGCCTCAAAGACCAATCTCTTGAATTGGTCTTTGAGGCATGGACCGG	Hs.356231	8981	-0.5594	0.35373381	0.030974143					0.1178375	0.2590266	0.580235526						
SLC25A23	NM_024103_bp784_R	AGCTAAAGTCCATGCCTCAAAGACCAATCTCTTGAATTGGTCTTTGAGGCATGGACCGG	Hs.356231	14357	-0.566516667	0.23856855	0.042468068					0.1404875	0.54792777	0.612812758						
SLC25A23	NM_024103_bp867_R	AGCTAAAAGCGCGGGCAATGGTATTATCTCTTGAACATTAATACATTGCCGCGCCCGG	Hs.356231	3603	0.7859	0.30448672	0.006388721					-0.0938125	0.40566664	0.696847914						
SLC25A23	NM_024103_bp867_R	AGCTAAAAGCGCGGGCAATGGTATTATCTCTTGAACATTAATACATTGCCGCGCCCGG	Hs.356231	8979	0.7764	0.18031102	0.00320296					-0.1110625	0.45074961	0.659287575						
SLC25A23	NM_024103_bp867_R	AGCTAAAAGCGCGGGCAATGGTATTATCTCTTGAACATTAATACATTGCCGCGCCCGG	Hs.356231	14355	0.780125	0.32319302	0.003545562					-0.0753375	0.4245976	0.758032899						
SLC25A27	NM_004277_bp1730_R	AGCTAAAAGGGAGGTGAATGGAAATTAATCTCTTGAAATTAATTTCCATTCACCTCCCGG	Hs.40510	3251	1.372975	1.00076509	0.01984798					1.1335375	0.63433196	0.007246728	0.0449	0.41778276	0.843593446	1.760625	0.27913787	0.001074231
SLC25A27	NM_004277_bp1730_R	AGCTAAAAGGGAGGTGAATGGAAATTAATCTCTTGAAATTAATTTCCATTCACCTCCCGG	Hs.40510	8627	0.728375	0.18760025	0.004389922					1.2333875	0.60476154	0.0042651	0.05915	0.45121047	0.810152141	1.846175	0.22566136	0.000496735
SLC25A27	NM_004277_bp1730_R	AGCTAAAAGGGAGGTGAATGGAAATTAATCTCTTGAAATTAATTTCCATTCACCTCCCGG	Hs.40510	14003	0.993475	0.38222139	0.003869786					1.5998625	0.59873179	0.001112496	0.118375	0.47195049	0.65042025	1.956525	0.21253123	0.000349623
SLC25A27	NM_004277_bp473_R	AGCTAAAAGCCCTAGGGATCATTGAAGAGTCTCTTGAACTCTTCAATGATCCCTAGGGCGG	Hs.40510	3249	0.761875	0.41314084	0.013823324					-0.73025	1.20553975	0.196906792	0.78375	0.39367057	0.0283454	0.764225	0.23962539	0.007801222
SLC25A27	NM_004277_bp473_R	AGCTAAAAGCCCTAGGGATCATTGAAGAGTCTCTTGAACTCTTCAATGATCCCTAGGGCGG	Hs.40510	14001	0.5452	0.34533134	0.032400974					0.0816625	0.56114892	0.769825456	0.803125	0.40375433	0.028410078	0.66055	0.25075807	0.013328591
SLC25A27	NM_004277_bp473_R	AGCTAAAAGCCCTAGGGATCATTGAAGAGTCTCTTGAACTCTTCAATGATCCCTAGGGCGG	Hs.40510	8625	0.426625	0.37935403	0.080780483					-0.21015	0.27598378	0.553011112	0.772275	0.41004116	0.032736944	0.696825	0.19092565	0.005308976
SLC25A27	NM_004277_bp556_R	AGCTAAAAGGAGGTCGAATGGTCACATATTCTCTTGAAATATGTGACCATTCGACCTCCGG	Hs.40510	3247	2.21425	0.82184592

SLC41A1	BX648979_bp671_R	AGCTAAAAGGCTGTCTGGTGAGGAATTTCTCTTGAAGAAATTCCTCACCAGACAGCCGG	Hs.610037	4606	-0.1378	0.54411343	0.600853636	-0.190875	0.27411291	0.319942614	0.0009	0.28730752	0.997266535					
SLC41A1	BX648979_bp671_R	AGCTAAAAGGCTGTCTGGTGAGGAATTTCTCTTGAAGAAATTCCTCACCAGACAGCCGG	Hs.610037	9982	-0.11655	0.98839552	0.784246657	-0.055	0.21635362	0.740945933	-0.05766667	0.82789957	0.884075354					
SLC41A1	BX648979_bp671_R	AGCTAAAAGGCTGTCTGGTGAGGAATTTCTCTTGAAGAAATTCCTCACCAGACAGCCGG	Hs.610037	15358	-0.409433333	0.48589973	0.188705982	0.0567	0.44477017	0.870951736								
SLK	NM_014720_bp1694_R	AGCTAAAAGCAGCAGATGTGGCTCAGAAATCTCTTGAATTTCTGAGCCACATCTGCTGCGG	Hs.500972	1620	0.989125	2.2942384	0.319997282	0.393366667	0.65534149	0.310615431								
SLK	NM_014720_bp1694_R	AGCTAAAAGCAGCAGATGTGGCTCAGAAATCTCTTGAATTTCTGAGCCACATCTGCTGCGG	Hs.500972	6996	0.854775	2.31666611	0.388196692	0.805966667	1.44301962	0.293054388								
SLK	NM_014720_bp1694_R	AGCTAAAAGCAGCAGATGTGGCTCAGAAATCTCTTGAATTTCTGAGCCACATCTGCTGCGG	Hs.500972	12372	0.862675	2.31591789	0.384027523	0.956333333	1.3714449	0.208984065								
SLK	NM_014720_bp2517_R	AGCTAAAAGTCAGGAACTTCGGGAATTAATCTCTTGAATTAATTCCCGAAGTTCCTGACGG	Hs.500972	1622	-0.020875	0.89938302	0.957306893	-0.153	1.89973676	0.86652588								
SLK	NM_014720_bp2517_R	AGCTAAAAGTCAGGAACTTCGGGAATTAATCTCTTGAATTAATTCCCGAAGTTCCTGACGG	Hs.500972	6998	0.255425	1.21626171	0.622817002	0.127	1.27323741	0.83910449								
SLK	NM_014720_bp2517_R	AGCTAAAAGTCAGGAACTTCGGGAATTAATCTCTTGAATTAATTCCCGAAGTTCCTGACGG	Hs.500972	12374	-0.5308	3.30956281	0.696897593	0.363833333	1.47245936	0.617119326								
SLK	NM_014720_bp2980_R	AGCTAAAAGAAGGACAGAGTTAGCTAATATTCTCTTGAAATATTAGCTACTCTGCCTTCGG	Hs.500972	496	0.844107	0.82905361	0.675790267	-1.1796	1.95364368	0.255797506								
SLK	NM_014720_bp2980_R	AGCTAAAAGAAGGACAGAGTTAGCTAATATTCTCTTGAAATATTAGCTACTCTGCCTTCGG	Hs.500972	5872	0.3057	0.99348861	0.484628589	-1.734	3.34829677	0.312520547								
SLK	NM_014720_bp2980_R	AGCTAAAAGAAGGACAGAGTTAGCTAATATTCTCTTGAAATATTAGCTACTCTGCCTTCGG	Hs.500972	11248	0.446675	1.20576942	0.398157398	-1.9926	3.47350605	0.270806843								
SMAD1	AK096624_bp1604_R	AGCTAAAAGCTGGAAATATATGGTTTGTATCTCTTGAATACAACCATATATTTCCAGCGG		4048	-0.6882875	0.14821937	0.004571281				-0.3834	0.35814718	0.130808827					
SMAD1	AK096624_bp1604_R	AGCTAAAAGCTGGAAATATATGGTTTGTATCTCTTGAATACAACCATATATTTCCAGCGG		9424	-0.6578625	0.23404065	0.008521093				-0.284675	0.49322124	0.297344837					
SMAD1	AK096624_bp1604_R	AGCTAAAAGCTGGAAATATATGGTTTGTATCTCTTGAATACAACCATATATTTCCAGCGG		14800	-0.6180875	0.09461748	0.00580101				-0.35825	0.4730716	0.193267092					
SMAD1	AK096624_bp2366_R	AGCTAAAAGTACCTGCTTTAAACATCATATCTCTTGAATATGATGTTTAAAGCAGGTACGG		4052	-0.2364125	0.24163349	0.198317653				0.276125	0.27017126	0.221238245					
SMAD1	AK096624_bp2366_R	AGCTAAAAGTACCTGCTTTAAACATCATATCTCTTGAATATGATGTTTAAAGCAGGTACGG		9428	-0.2398125	0.28470274	0.216873807				-0.079525	0.14965697	0.686302367					
SMAD1	AK096624_bp2366_R	AGCTAAAAGTACCTGCTTTAAACATCATATCTCTTGAATATGATGTTTAAAGCAGGTACGG		14804	-0.2846375	0.3118583	0.168193018				-0.2137	0.41067016	0.389547637					
SMAD1	AK096624_bp2488_R	AGCTAAAAGCACTAACCTTGGTTGATATATCTCTTGAATATATCAACCAAGGTTAGTGCGG		4050	-0.0039625	0.63871092	0.989207908				-0.301725	0.30643774	0.199764879					
SMAD1	AK096624_bp2488_R	AGCTAAAAGCACTAACCTTGGTTGATATATCTCTTGAATATATCAACCAAGGTTAGTGCGG		9426	-0.3969625	0.3890495	0.101635083				-0.400625	0.41827494	0.134756126					
SMAD1	AK096624_bp2488_R	AGCTAAAAGCACTAACCTTGGTTGATATATCTCTTGAATATATCAACCAAGGTTAGTGCGG		14802	0.2288125	0.28300809	0.234555376				-0.26385	0.24138661	0.232623227					
SMAD2	NM_005901_bp1251_R	AGCTAAAAGAGTGCGCTTATACTACATATCTCTTGAATATGTAGTATAGCGCGCACTCCGG	Hs.585833	1122	-0.5893125	0.54679705	0.063186245				0.1078625	0.23609579	0.605820568					
SMAD2	NM_005901_bp1251_R	AGCTAAAAGAGTGCGCTTATACTACATATCTCTTGAATATGTAGTATAGCGCGCACTCCGG	Hs.585833	6498	-0.6718625	0.53043097	0.039191369				0.0796125	0.25613567	0.706028334					
SMAD2	NM_005901_bp1251_R	AGCTAAAAGAGTGCGCTTATACTACATATCTCTTGAATATGTAGTATAGCGCGCACTCCGG	Hs.585833	11874	-0.6481875	0.5511608	0.048097265				0.0701375	0.26382948	0.740806143					
SMAD2	NM_005901_bp1324_R	AGCTAAAAGCCCCCAATTGTAATCAGAGATTCTCTTGAAATCTCTGATTACAATTGGGGCGG	Hs.585833	1121	-0.6659375	0.1043854	0.004377206				-0.0217375	0.46359197	0.931519854					
SMAD2	NM_005901_bp1324_R	AGCTAAAAGCCCCAATTGTAATCAGAGATTCTCTTGAAATCTCTGATTACAATTGGGGCGG	Hs.585833	6497	-0.6099125	0.12982558	0.006993426				-0.1036125	0.49191782	0.692195647					
SMAD2	NM_005901_bp1324_R	AGCTAAAAGCCCCAATTGTAATCAGAGATTCTCTTGAAATCTCTGATTACAATTGGGGCGG	Hs.585833	11873	-0.6310125	0.14988511	0.006636543				-0.0907625	0.48314597	0.726131222					
SMAD2	NM_005901_bp502_R	AGCTAAAAGGGGACTGAGTACACCAAATATCTCTTGAATATTTGGTGTACTCAGTCCCCGG	Hs.585833	12854	-0.8508875	0.16585557	0.001977145				0.000783333	0.65935577	0.998194804					
SMAD2	NM_005901_bp502_R	AGCTAAAAGGGGACTGAGTACACCAAATATCTCTTGAATATTTGGTGTACTCAGTCCCCGG	Hs.585833	2102	-1.2114125	0.29644726	0.000899082				0.5843	0.85376073	0.245237448					
SMAD2	NM_005901_bp502_R	AGCTAAAAGGGGACTGAGTACACCAAATATCTCTTGAATATTTGGTGTACTCAGTCCCCGG	Hs.585833	7478	-1.1913625	0.37093359	0.001918185				0.5304	0.80992011	0.274369455					
SMAD3	NM_005902_bp461_R	AGCTAAAAGGCTCCCTCATGTCATCTACTTCCTCTTGAAAGTAGATGACATGAGGGAGCCGG	Hs.569432	1119	0.7782625	0.31563411	0.007125182				0.0059625	0.33760437	0.978824075					
SMAD3	NM_005902_bp461_R	AGCTAAAAGGCTCCCTCATGTCATCTACTTCCTCTTGAAAGTAGATGACATGAGGGAGCCGG	Hs.569432	6495	0.7666375	0.35387232	0.009553793				-0.0019625	0.32782438	0.992968362					
SMAD3	NM_005902_bp461_R	AGCTAAAAGCTGTGTGAGTTCGCCTTCAATCTCTTGAATTGAAGGCGAACTCACACAGCGG	Hs.569432	11871	0.8018625	0.35378623	0.007962913				-0.08825	0.2816806	0.737588186					
SMAD3	NM_005902_bp537_R	AGCTAAAAGCTGTGTGAGTTCGCCTTCAATCTCTTGAATTGAAGGCGAACTCACACAGCGG	Hs.569432	2100	-0.1737625	0.13821126	0.269239779				-0.0830625	0.36587565	0.720059215					
SMAD3	NM_005902_bp537_R	AGCTAAAAGCTGTGTGAGTTCGCCTTCAATCTCTTGAATTGAAGGCGAACTCACACAGCGG	Hs.569432	7476	-0.2551125	0.54740929	0.350753357				-0.3230875	0.35349873	0.189425533					
SMAD3	NM_005902_bp537_R	AGCTAAAAGCTGTGTGAGTTCGCCTTCAATCTCTTGAATTGAAGGCGAACTCACACAGCGG	Hs.569432	12852	-0.1983625	0.32034724	0.318273616				-0.3269125	0.2358858	0.149553368					
SMAD3	NM_005902_bp912_R	AGCTAAAAGTGCTCCATCTCCTACTACGATCTCTTGAATCGTAGTAGGAGATGGAGCACGG	Hs.569432	1120	-0.0298125	0.14069412	0.840094737				0.0829125	0.19591041	0.682025713					
SMAD3	NM_005902_bp912_R	AGCTAAAAGTGCTCCATCTCCTACTACGATCTCTTGAATCGTAGTAGGAGATGGAGCACGG	Hs.569432	6496	-0.0577625	0.11571197	0.690445844				0.0508375	0.20665146	0.802136171					
SMAD3	NM_005902_bp912_R	AGCTAAAAGTGCTCCATCTCCTACTACGATCTCTTGAATCGTAGTAGGAGATGGAGCACGG	Hs.569432	11872	-0.1553625	0.13865642	0.317466144				-0.0421625	0.12526674	0.827593175					
SMAD5	NM_001001419_bp1496_R	AGCTAAAAAGCAGCATATTTGTACAGAGTATCCTCTTGAATACTCTGTACAAATATGCTGCGG	Hs.167700	4894	0.6668125	0.01540759	0.00358032	1.2989125	0.10086519	0.000366941								
SMAD5	NM_001001419_bp1496_R	AGCTAAAAGCATATTTGTACAGAGTATCCTCTTGAATACTCTGTACAAATATGCTGCGG	Hs.167700	10270	0.7233875	0.07261593	0.002761158	1.2752125	0.08839	0.000375194								
SMAD5	NM_001001419_bp1496_R	AGCTAAAAGCAGCATATTTGTACAGAGTATCCTCTTGAATACTCTGTACAAATATGCTGCGG	Hs.167700	15646	0.8028375	0.09335509	0.001854551	1.3502375	0.13327164	0.000358449								
SMAD5	NM_001001419_bp1770_R	AGCTAAAAGCCTCTTCAGTGGCTGGATAATCTCTTGAATTATCCAGCCACTGAAGAGGCGG	Hs.167700	4890	-0.2312125	0.18274501	0.177282041	-0.4041625	0.38941283	0.111816466								
SMAD5	NM_001001419_bp1770_R	AGCTAAAAGCCTCTTCAGTGGCTGGATAATCTCTTGAATTATCCAGCCACTGAAGAGGCGG	Hs.167700	10266	-0.2735875	0.09829605	0.097978795	-0.3691875	0.37990104	0.133124148								
SMAD5	NM_001001419_bp1770_R	AGCTAAAAGCCTCTTCAGTGGCTGGATAATCTCTTGAATTATCCAGCCACTGAAGAGGCGG	Hs.167700	15642	-0.0968875	0.12179713	0.512797972	-0.1183125	0.46365276	0.629957443								
SMAD5	NM_001001419_bp627_R	AGCTAAAAGCCGAGTAAATGTGTCACTATTCTCTTGAAATAGTGACACATTTACTCGGCGG	Hs.167700	4892	-0.0432875	0.08905347	0.75940987	0.2560125	0.63539946	0.42167724								
SMAD5	NM_001001419_bp627_R	AGCTAAAAGCCGAGTAAATGTGTCACTATTCTCTTGAAATAGTGACACATTTACTCGGCGG	Hs.167700	10268	0.0744125	0.09081028	0.603980638	0.1875625	0.35037167	0.381555236								
SMAD5	NM_001001419_bp627_R	AGCTAAAAGCCGAGTAAATGTGTCACTATTCTCTTGAATAGTGACACATTTACTCGGCGG	Hs.167700	15644	0.2916625	0.20192376	0.111251168	0.3620875	0.30136146	0.104344302								
SMAD7	NM_005904_bp1191_R	AGCTAAAAGACAGCTCAATTCGGACAACATCTCTTGAATGTTGTCCGAATTGAACTTGTCGG	Hs.465087	1104	1.1838375	0.19407712	0.000509938				0.8203875	0.28750692	0.007124039					
SMAD7	NM_005904_bp1191_R	AGCTAAAAGACAGCTCAATTCGGACAACATCTCTTGAATGTTGTCCGAATTGAACTTGTCGG	Hs.465087	6480	1.1748125	0.19250132	0.000523551				0.7824625	0.30799096	0.009541458					
SMAD7	NM_005904_bp1191_R	AGCTAAAAGACAGCTCAATTCGGACAACATCTCTTGAATGTTGTCCGAATTGAACTTGTCGG	Hs.465087	11856	1.1698375	0.178166	0.000490405				0.8104625	0.33185303	0.008951452					
SMAD7	NM_005904_bp1276_R	AGCTAAAAGATGGTGTGTGGGTGTACAATCTCTTGAATTGTACACCCACACACCATCCGG	Hs.465087	2096	1.9019625	0.7313203	0.001674724				0.8770625	0.9442917	0.058397281					
SMAD7	NM_005904_bp1276_R	AGCTAAAAGATGGTGTGTGGGTGTACAATCTCTTGAATTGTACACCCACACACCATCCGG	Hs.465087	7472	1.9751375	0.70867906	0.001255152				0.9463875	0.99296923	0.051788931					
SMAD7	NM_005904_bp1276_R	AGCTAAAAGATGGTGTGTGGGTGTACAATCTCTTGAATTGTACACCCACACACCATCCGG	Hs.465087	12848	1.9745875	0.68429588	0.001103485				0.7791625	0.92233936	0.079422138					
SMAD7	NM_005904_bp823_R	AGCTAAAAGCTGTGTTGCTGTGAATCTTATCTCTTGAATAAGATTCACAGCAACACAGCGG	Hs.465087	1103	-0.0894875	0.2239012	0.590124987				-0.5891125	0.03734761	0.016859731					
SMAD7	NM_005904_bp823_R	AGCTAAAAGCTGTGTTGCTGTGAATCTTATCTCTTGAATAAGATTCACAGCAACACAGCGG	Hs.465087	6479	-0.1019125	0.21821956	0.538371494				-0.5694875	0.0620517	0.019722809					
SMAD7	NM_005904_bp823_R	AGCTAAAAGCTGTGTTGCTGTGAATCTTATCTCTTGAATAAGATTCACAGCAACACAGCGG	Hs.465087	11855	-0.0582375	0.24210208	0.730157045				-0.5448375	0.09167918	0.024294304					
SMARCA2	NM_003070_bp2848_R	AGCTAAAAGGGTGAAAGGGTGGACTTAAATTCTCTTGAAATTTAAGTCCACCCTTTCACCGG	Hs.298999	2233	3.8431375	1.09882416	0.000335231				2.9547625	2.16495998	0.008849499					
SMARCA2	NM_003070_bp2848_R	AGCTAAAAGGGTGAAAGGGTGGACTTAAATTCTCTTGAAATTTAAGTCCACCCTTTCACCGG	Hs.298999	7609	3.7166875	0.87170021	0.000145982				2.6704125	1.93421021	0.008693986					
SMARCA2	NM_003070_bp2848_R	AGCTAAAAGGGTGAAAGGGTGGACTTAAATTCTCTTGAAATTTAAGTCCACCCTTTCACCGG	Hs.298999	12985	3.0091875	0.69935465	0.000164813				1.6657375	1.42322048	0.019742115					
SMARCA2	NM_003070_bp2894_R	AGCTAAAAGCGCTCTACATAAGGTGTTAATCTCTTGAATTAACACCTTATGTAGACGCCGG	Hs.298999	1130	-0.1527125	0.20511328	0.360188601				-0.2365625	0.59262336	0.422481176					
SMARCA2	NM_003070_bp2894_R	AGCTAAAAGCGCTCTACATAAGGTGTTAATCTCTTGAATTAACACCTTATGTAGACGCCGG	Hs.298999	6506	-0.2365125	0.27200084	0.214990412				-0.2468625	0.63742893	0.422616057					
SMARCA2	NM_003070_bp2894_R	AGCTAAAAGCGCTCTACATAAGGTGTTAATCTCTTGAATTAACACCTTATGTAGACGCCGG	Hs.298999	11882	-0.2332375	0.18553564	0.17543274				-0.1535375	0.4468764	0.543783411					
SMARCA2	NM_003070_bp8408_R	AGCTAAAAGACGGCAATTTGGAGGAAATGTCTCTTGAACATTTCCTCCAAATTGCCGTCGG	Hs.298999	2235	0.5131125	0.2602523	0.025809731				-0.7898625	0.70321137	0.040931065					
SMARCA2	NM_003070_bp8408_R	AGCTAAAAGACGGCAATTTGGAGGAAATGTCTCTTGAACATTTCCTCCAAATTGCCGTCGG	Hs.298999	7611	0.5056625	0.21608384	0.02175244				-0.8361125	0.71373763	0.034592942					
SMARCA2	NM_003070_bp8408_R	AGCTAAAAGACGGCAATTTGGAGGAAATGTCTCTTGAACATTTCCTCCAAATTGCCGTCGG	Hs.298999	12987	0.5233125	0.25858439	0.02385578				-0.7820875	0.69952875	0.041867139					
SMARCA4	NM_003072_bp1723_R	AGCTAAAAGCCAAGGATTTCAAGGAATATTCTCTTGAAATATTCCCTGAAATCCTTGGCGG	Hs.327527	2205	0.0858125	0.45437108	0.710230682				0.1127875	0.76015044	0.737855126					
SMARCA4	NM_003072_bp1723_R	AGCTAAAAGCCAAGGATTTCAAGGAATATTCTCTTGAAATATTCCCTGAAATCCTTGGCGG	Hs.327527	7581	0.1725625	0.48320774	0.481765145				0.0972625	0.77656488	0.775812096					
SMARCA4	NM_003072_bp1723_R	AGCTAAAAGCCAAGGATTTCAAGGAATATTCTCTTGAAATATTCCCTGAAATCCTTGGCGG	Hs.327527	12957	0.1077625	0.4474397	0.638971797				0.0678375	0.65043588	0.821185027					
SMARCA4	NM_003072_bp2850_R	AGCTAAAAGACGTACGAGTACATCATCAATCTCTTGAATTGATGATGTACTCGTACGTCGG	Hs.327527	2207	2.5757875	0.46214526	7.93E-05				1.5778375	0.73803672	0.002346785					
SMARCA4	NM_003072_bp2850_R	AGCTAAAAGACGTACGAGTACATCATCAATCTCTTGAATTGATGATGTACTCGTACGTCGG	Hs.327527	7583	2.7202625	0.58396435	0.00013558				1.8676625	0.80515817	0.001346547					
SMARCA4	NM_003072_bp2850_R	AGCTAAAAGACGTACGAGTACATCATCAATCTCTTGAATTGATGATGTACTCGTACGTCGG	Hs.327527	12959	0.9166125	1.03700288	0.081399827				1.0379875	0.54460636	0.007299148					
SMARCA4	NM_003072_bp4785_R	AGCTAAAAGCCCGTGGACTTCAAGAAGATTCTCTTGAAATCTCTTGAAGTCCACGGGCGGG	Hs.327527	2203	-0.2927875	0.1505183	0.093732056				0.1254375	0.36635803	0.591157453					
SMARCA4	NM_003072_bp4785_R	AGCTAAAAGCCCGTGGACTTCAAGAAGATTCTCTTGAAATCTCTTGAAGTCCACGGGCGGG	Hs.327527	7579	-0.2798625	0.21702654	0.129003781				0.1044625	0.38579689	0.659039959					
SMARCA4	NM_003072_bp4785_R	AGCTAAAAGCCCGTGGACTTCAAGAAGATTCTCTTGAAATCTCTTGAAGTCCACGGGCGGG	Hs.327527	12955	-0.3385125	0.15969734	0.064425505				0.1338375	0.40013027	0.578982654					
SMARCB1	NM_003073_bp1219_R	AGCTAAAAGACGGCTGAGATGGAGAAGAAGTCTCTTGAACTTCTTCTCCATCTCAGCGTCGG	Hs.534350	2886	0.258075	0.43340402	0.277004737				0.3726	1.08448149	0.40978784					
SMARCB1	NM_003073_bp1219_R	AGCTAAAAGACGGCTGAGATGGAGAAGAAGTCTCTTGAACTTCTTCTCCATCTCAGCGTCGG	Hs.534350	8262	0.343	0.51349474	0.207236786				0.4534	0.83358427	0.234369235					
SMARCB1	NM_003073_bp1219_R	AGCTAAAAGACGGCTGAGATGGAGAAGAAGTCTCTTGAACTTCTTCTCCATCTCAGCGTCGG	Hs.534350	13638	0.2208	0.59839569	0.442708987				0.726225	1.09976319	0.138329531					
SMARCB1	NM_003073_bp211_R	AGCTAAAAGCAGCGGAGTTCTACATGATCTCTCTTGAAGATCATGTAGAACTCGCCGTCGG	Hs.534350	2884	2.20705	1.03184006	0.003262564				1.870475	0.68035746	0.000732106					
SMARCB1	NM_003073_bp211_R	AGCTAAAAGCAGCGGAGTTCTACATGATCTCTCTTGAAGATCATGTAGAACTCGCCGTCGG	Hs.534350	8260	2.120275	1.04351774	0.004055274				1.816075	0.68608494	0.000882145					
SMARCB1	NM_003073_bp211_R	AGCTAAAAGCAGCGGAGTTCTACATGATCTCTCTTGAAGATCATGTAGAACTCGCCGTCGG	Hs.534350	13636	2.12595	1.03882855	0.003939223				1.793725	0.68937951	0.000957662					
SMARCB1	NM_003073_bp261_R	AGCTAAAAGTTCCGAGGTTCTGTACAATCTCTTGAATTGTACAGAGAACCTCGGAACGG	Hs.534350	2882	-0.4881	0.83057058	0.217494716				0.50765	1.21490086	0.314194884					
SMARCB1	NM_003073_bp261_R	AGCTAAAAGTTCCGAGGTTCTGTACAATCTCTTGAATTGTACAGAGAACCTCGGAACGG	Hs.534350	8258	-0.729375	0.73173807	0.065849357				-0.6797	0.82485847	0.092553242					
SMARCB1	NM_003073_bp261_R	AGCTAAAAGTTCCGAGGTTCTGTACAATCTCTTGAATTGTACAGAGAACCTCGGAACGG	Hs.534350	13634	-0.7194	0.46793762	0.022983095				0.4172	0.60238976	0.1830509					
SMARCC1	NM_003074_bp296_R	AGCTAAAAGGCAAGCACTACAAGAAGTATCTCTTGAATACTTTCTTGTAGTGCTTGCCCGG	Hs.476179	2842	2.125275	0.55025065	0.000385198				3.148425	1.14074002	0.003076394					
SMARCC1	NM_003074_bp296_R	AGCTAAAAGGCAAGCACTACAAGAAGTATCTCTTGAATACTTTCTTGTAGTGCTTGCCCGG	Hs.476179	8218	2.12265	0.61137986	0.000557498				4.25735							
SMARCC1	NM_003074_bp296_R	AGCTAAAAGGCAAGCACTACAAGAAGTATCTCTTGAATACTTTCTTGTAGTGCTTGCCCGG	Hs.476179	13594	2.15755	0.59762934	0.000476654				2.803375	1.50907194	0.009401017					
SMARCC1	NM_003074_bp466_R	AGCTAAAAGCGCCTTATGTCACATTCTTGTCTCTTGAACAAGAATGTGACATAAGGCGCGG	Hs.476179	2844	0.033325	0.13956698	0.546859659				0.6507625	0.62217234	0.048842667					
SMARCC1	NM_003074_bp466_R	AGCTAAAAGCGCCTTATGTCACATTCTTGTCTCTTGAACAAGAATGTGACATAAGGCGCGG	Hs.476179	8220	0.1649	0.29987121	0.27276762				0.6183875	0.71579029	0.075494574					
SMARCC1	NM_003074_bp466_R	AGCTAAAAGCGCCTTATGTCACATTCTTGTCTCTTGAACAAGAATGTGACATAAGGCGCGG	Hs.476179	13596	0.161025	0.25236171	0.245314603				0.5779125	0.7092245	0.088860198					
SMARCC2	NM_003075_bp1320_R	AGCTAAAAGCTGCCTGGTTTGACTACAATTCTCTTGAAATTGTAGTCAAACCAGGCAGCGG	Hs.236030	2846	-1.01315	0.19713903	0.001662934				0.4113625	1.94630017	0.542297438					
SMARCC2	NM_003075_bp1320_R	AGCTAAAAGCTGCCTGGTTTGACTACAATTCTCTTGAATTGTAGTCAAACCAGGCAGCGG	Hs.236030	8222	-1.113316667	0.17074796	0.004413001				0.4579875	1.8794268	0.489563811					
SMARCC2	NM_003075_bp1320_R	AGCTAAAAGCTGCCTGGTTTGACTACAATTCTCTTGAATTGTAGTCAAACCAGGCAGCGG	Hs.236030	13598	-1.00785	0.19972062	0.001712999				0.3560625	1.84104768	0.572077199					
SMARCC2	NM_003075_bp1505_R	AGCTAAAAGGTGATGTCTGTGCCATCATTCTCTTGAAATGATGGCACAGACATCACCCGG	Hs.236030	2850	3.79315	4.32991177	0.066955299				2.804875	3.04165518	0.060544615					
SMARCC2	NM_003075_bp1505_R	AGCTAAAAGGTGATGTCTGTGCCATCATTCTCTTGAAATGATGGCACAGACATCACCCGG	Hs.236030	8226	3.759525	4.3319886	0.071880195				2.838725	3.10578976	0.061796205					
SMARCC2	NM_003075_bp1505_R	AGCTAAAAGGTGATGTCTGTGCCATCATTCTCTTGAAATGATGGCACAGACATCACCCGG	Hs.236030	13602	3.7186	4.17029847	0.066462943				2.754525	2.89818321	0.056247786					
SMARCC2	NM_003075_bp908_R	AGCTAAAAGGGGGAAACTATAAGAAGAGTCTCTTGAACTTCTCTTATAGTTTCCCCCCGG	Hs.236030	2848	-0.2595	0.38514013	0.446595792				0.6989875	1.57214625	0.249060729					
SMARCC2	NM_003075_bp908_R	AGCTAAAAGGGGGAAACTATAAGAAGAGTCTCTTGAACTTCTCTTATAGTTTCCCCCCGG	Hs.236030	8224	-0.097525	0.30281397	0.822326803				0.9248125	1.49621675	0.132040059					
SMARCC2	NM_003075_bp908_R	AGCTAAAAGGGGGAAACTATAAGAAGAGTCTCTTGAACTTCTCTTATAGTTTCCCCCCGG	Hs.236030	13600	-0.13895	0.31343607	0.639663619				0.7635125	1.55623176	0.210859319					
SMARCE1	NM_003079_bp1154_R	AGCTAAAAAGAGACACACCTTGAAGAAAACATCTCTTGAATGTTTCTTCAAGGTGTGTCTCGG	Hs.547509	2854	4.748675	1.00824335	8.33E-05				3.5984	1.8737778	0.001180105					
SMARCE1	NM_003079_bp1154_R	AGCTAAAAGAGACACACCTTGAAGAAAACATCTCTTGAATGTTTCTTCAAGGTGTGTCTCGG	Hs.547509	8230	4.5892	1.26302955	0.000266083				3.41165	1.59591658	0.001093707					
SMARCE1	NM_003079_bp1154_R	AGCTAAAAGAGACACACCTTGAAGAAAACATCTCTTGAATGTTTCTTCAAGGTGTGTCTCGG	Hs.547509	13606	4.60835	1.25160442	0.000250496				3.29145	1.70450894	0.001800631					
SMARCE1	NM_003079_bp331_R	AGCTAAAAAGCTGATGCCCTACATGAGGTATCTCTTGAATACCTCATGTAGGGCATCAGCGG	Hs.547509	2856	-0.408666667	0.26400463	0.108397087				0.34255	0.64720584	0.281443173					
SMARCE1	NM_003079_bp331_R	AGCTAAAAGCTGATGCCCTACATGAGGTATCTCTTGAATACCTCATGTAGGGCATCAGCGG	Hs.547509	8232	-0.257533333	0.52097697	0.394016154				0.207775	0.6052835	0.483474615					
SMARCE1	NM_003079_bp331_R	AGCTAAAAGCTGATGCCCTACATGAGGTATCTCTTGAATACCTCATGTAGGGCATCAGCGG	Hs.547509	13608	-0.2164	0.19044797	0.304654472				0.237875	0.30705969	0.299804048					
SMARCE1	NM_003079_bp726_R	AGCTAAAAGCCTCATCAGTGAAATTCTTATCTCTTGAATAAGAATTTCACTGATGAGGCGG	Hs.547509	2852	-1.0161	0.4979446	0.046533031				0.361733333	1.57688737	0.581165959					
SMARCE1	NM_003079_bp726_R	AGCTAAAAGCCTCATCAGTGAAATTCTTATCTCTTGAATAAGAATTTCACTGATGAGGCGG	Hs.547509	8228	-0.488633333	0.19615439	0.0573079				0.085725	1.23727055	0.861220214					
SMARCE1	NM_003079_bp726_R	AGCTAAAAGCCTCATCAGTGAAATTCTTATCTCTTGAATAAGAATTTCACTGATGAGGCGG	Hs.547509	13604	-0.2971	0.44390921	0.293605482				0.019375	1.31882353	0.970128633					
SMYD1	NM_198274_bp1138_R	AGCTAAAAGACGGCTATATGAAGCTCTACTCTCTTGAAGTAGAGCTTGCATATAGCCGTCGG	Hs.516176	3409	0.381225	0.39469787	0.114804096				0.26625	0.5160474	0.336884309	0.899175	0.51274107	0.039273332	0.1453	1.180998	0.821508133
SMYD1	NM_198274_bp1138_R	AGCTAAAAGACGGCTATATGAAGCTCTACTCTCTTGAAGTAGAGCTTGCATATAGCCGTCGG	Hs.516176	8785	0.342425	0.36649

SMYD4	NM_052928_bp1929_R	AGCTAAAAGTGGGAAGCATTCTGTTGCAATCTCTTGAATTGCAACAGAATGCTTCCCACGG	Hs.514602	8805	0.306275	0.52663949	0.259942316					0.081875	0.91586912	0.831415252	1.712625	0.7285288	0.01820408	0.455875	0.78968369	0.331885216		
SMYD4	NM_052928_bp1929_R	AGCTAAAAGTGGGAAGCATTCTGTTGCAATCTCTTGAATTGCAACAGAATGCTTCCCACGG	Hs.514602	14181	0.45055	0.62127684	0.159390423					0.22285	1.09195507	0.61729804	1.721	0.7750422	0.021228693	0.485825	0.78652015	0.304613944		
SMYD5	XM_039548_bp1118_R	AGCTAAAAGGGAGAACTATCTATTTGTCTTCTCTTGAAAGACAAATAGATAGTTCTCCCGG		3411	-0.0629	0.28748143	0.7730493					-0.57075	0.85972945	0.154728706	0.901425	0.63275916	0.065152458	0.594975	0.31815315	0.033340437		
SMYD5	XM_039548_bp1118_R	AGCTAAAAGGGAGAACTATCTATTTGTCTTCTCTTGAAAGACAAATAGATAGTTCTCCCGG		8787	0.3228	0.59428026	0.33376143					-0.2476	0.85640618	0.505929732	0.855625	0.63579591	0.074121011	0.578375	0.32648904	0.038281601		
SMYD5	XM_039548_bp1118_R	AGCTAAAAGGGAGAACTATCTATTTGTCTTCTCTTGAAAGACAAATAGATAGTTCTCCCGG		14163	0.053666667	0.23074567	0.793189983					-0.25535	1.07904078	0.564579895	0.89595	0.65248948	0.070964989	0.6118	0.31623464	0.030542057		
SMYD5	XM_039548_bp1246_R	AGCTAAAAGGGGATGAGATGACTGATGTGTCTCTTGAACACATCAGTCATCTCATCCCCGG		3413	-0.105125	0.600408	0.708688902					2.081475	1.41481083	0.007393416	0.840525	0.76038788	0.114018663	3.264125	0.43620064	0.000647445		
SMYD5	XM_039548_bp1246_R	AGCTAAAAGGGGATGAGATGACTGATGTGTCTCTTGAACACATCAGTCATCTCATCCCCGG		8789	-0.0031	0.4681453	0.989419778					1.785775	1.09012423	0.005360523	0.8706	0.78556956	0.113414291	3.33405	0.47073988	0.000762202		
SMYD5	XM_039548_bp1246_R	AGCTAAAAGGGGATGAGATGACTGATGTGTCTCTTGAACACATCAGTCATCTCATCCCCGG		14165	-0.260125	0.40772848	0.257967019					2.227425	1.52009446	0.007264772	0.8818	0.72730646	0.093761959	3.3763	0.52191685	0.000996781		
SMYD5	XM_039548_bp902_R	AGCTAAAAAGAGAGTTTCTTAACTGTGAAGTCTCTTGAACTTCACAGTTAAGAAACTTCTCGG		3415	-0.9346	0.64157538	0.039213166					-0.550575	0.60107011	0.093694267	-0.1218	0.38659672	0.57334465	0.646325	0.27939229	0.019013437		
SMYD5	XM_039548_bp902_R	AGCTAAAAAGAGAGTTTCTTAACTGTGAAGTCTCTTGAACTTCACAGTTAAGAAACTTCTCGG		8791	-0.42216663	0.42695567	0.1545125					-0.501126	0.59666379	0.116135793	-0.15415	0.23112665	0.274466616	0.698225	0.47668394	0.061024868		
SMYD5	XM_039548_bp902_R	AGCTAAAAAGAGAGTTTCTTAACTGTGAAGTCTCTTGAACTTCACAGTTAAGAAACTTCTCGG		14167	-0.007	0.66483387	0.98349682					-0.457475	0.44221014	0.101994342	-0.0783	0.32265014	0.660661872	0.740025	0.39107428	0.032342379		
SNA12	NM_003068_bp551_R	AGCTAAAAGTGCAATTTATGCAATAAGACTCTCTTGAAGTCTTATTGCATAAATTGCACGG	Hs.360174	1129	1.3493375	0.33701674	0.000722116					-0.0142875	0.36299698	0.950445441								
SNA12	NM_003068_bp551_R	AGCTAAAAGTGCAATTTATGCAATAAGACTCTCTTGAAGTCTTATTGCATAAATTGCACGG	Hs.360174	6505	1.3435875	0.38156798	0.00100123					-0.0502375	0.3525387	0.82572491								
SNA12	NM_003068_bp551_R	AGCTAAAAGTGCAATTTATGCAATAAGACTCTCTTGAAGTCTTATTGCATAAATTGCACGG	Hs.360174	11881	1.3587875	0.38670258	0.000984574					-0.0075375	0.34095557	0.973313016								
SNA12	NM_003068_bp701_R	AGCTAAAAAGACCCACACATTACCTTGTGTTCTCTTGAAACACAAGGTAATGTGTGGGTCGG	Hs.360174	1116	-0.3803875	0.18708415	0.050070821					0.8358125	1.81698858	0.253321621								
SNA12	NM_003068_bp701_R	AGCTAAAAAGACCCACACATTACCTTGTGTTCTCTTGAAACACAAGGTAATGTGTGGGTCGG	Hs.360174	6492	-0.4137375	0.16531136	0.034950197					0.9325375	1.85085915	0.215090454								
SNA12	NM_003068_bp701_R	AGCTAAAAAGACCCACACATTACCTTGTGTTCTCTTGAAACACAAGGTAATGTGTGGGTCGG	Hs.360174	11868	-0.3914375	0.20732315	0.049732275					0.8508625	1.69678708	0.219726225								
SNA12	NM_003068_bp860_R	AGCTAAAAAGCAGACCCATTCTGATGTAAATCTCTTGAATTTACATCAGAATGGGTCTGCGG	Hs.360174	2201	0.4223625	0.94622692	0.325944383					-0.1159375	0.3160441	0.603189466								
SNA12	NM_003068_bp860_R	AGCTAAAAAGCAGACCCATTCTGATGTAAATCTCTTGAATTTACATCAGAATGGGTCTGCGG	Hs.360174	7577	0.3152125	0.98887989	0.47010141					-0.0753625	0.31262384	0.732946798								
SNA12	NM_003068_bp860_R	AGCTAAAAAGCAGACCCATTCTGATGTAAATCTCTTGAATTTACATCAGAATGGGTCTGCGG	Hs.360174	12953	0.3484875	1.07854915	0.4609124					-0.0992625	0.32537287	0.657850339								
SNARK	NM_030952_bp398_R	AGCTAAAAAGAGCAAGATCTGATGCACATATCTCTTGAATATGTGCATCAGATCTTGCTCGG	Hs.497512	721	-1.1213	0.4203145	0.00929365	0.1327	0.936275	0.781118226												
SNARK	NM_030952_bp398_R	AGCTAAAAAGAGCAAGATCTGATGCACATATCTCTTGAATATGTGCATCAGATCTTGCTCGG	Hs.497512	6097	-1.0575	0.41634461	0.011199132	0.145633333	0.94149042	0.761782783												
SNARK	NM_030952_bp398_R	AGCTAAAAAGAGCAAGATCTGATGCACATATCTCTTGAATATGTGCATCAGATCTTGCTCGG	Hs.497512	11473	-1.045666667	0.37964858	0.009972796	0.171133333	0.92204669	0.717737034												
SNARK	NM_030952_bp529_R	AGCTAAAAGGGCGACCTTTATGACTACATTCTCTTGAAATGTAGTCATAAAGGTCGCCCGG	Hs.497512	1943	-0.3186	0.32456201	0.321352444	-0.229575	0.41867834	0.337921318												
SNARK	NM_030952_bp529_R	AGCTAAAAGGGCGACCTTTATGACTACATTCTCTTGAAATGTAGTCATAAAGGTCGCCCGG	Hs.497512	7319	-0.18165	0.16991776	0.513218293	-0.270825	0.2517777	0.1681188												
SNARK	NM_030952_bp529_R	AGCTAAAAGGGCGACCTTTATGACTACATTCTCTTGAAATGTAGTCATAAAGGTCGCCCGG	Hs.497512	12695	-0.1633			0.223633333	0.29463127	0.359536121												
SNARK	NM_030952_bp887_R	AGCTAAAAGACCATAAGATCCTAGTGAAATCTCTTGAATTTCACTAGGATCTTATGDTCGG	Hs.497512	722	0.58933333	0.86379145	0.204548826	0.09675	0.08683173	0.493452862												
SNARK	NM_030952_bp887_R	AGCTAAAAGACCATAAGATCCTAGTGAAATCTCTTGAATTTCACTAGGATCTTATGDTCGG	Hs.497512	6098	0.75	1.12415836	0.240820751	0.4565	0.22277765	0.088645413												
SNARK	NM_030952_bp887_R	AGCTAAAAGACCATAAGATCCTAGTGAAATCTCTTGAATTTCACTAGGATCTTATGDTCGG	Hs.497512	11474	0.80445	1.17457507	0.228069413	0.6096	0.24955266	0.046070624												
SNF11LK	NM_173354_bp1613_R	AGCTAAAAAGACAGTTGTCTGACCTTCTCTTCTCTTGAAAGAGAAGGTCAGACAACTGTCGG	Hs.282113	2263	-0.97385	0.41119347	0.005055883	-0.294725	0.7653374	0.427445478												
SNF11LK	NM_173354_bp1613_R	AGCTAAAAAGACAGTTGTCTGACCTTCTCTTCTCTTGAAAGAGAAGGTCAGACAACTGTCGG	Hs.282113	7639	-1.205725	0.62699991	0.007049872	-0.29225	0.18933411	0.11609906												
SNF11LK	NM_173354_bp1613_R	AGCTAAAAAGACAGTTGTCTGACCTTCTCTTCTCTTGAAAGAGAAGGTCAGACAACTGTCGG	Hs.282113	13015	0.189875	2.47797454	0.852021928	0.042375	0.40684608	0.849144111												
SNF11LK	NM_173354_bp422_R	AGCTAAAAAGAGAAATGTTTGATTATTTGTCTCTTGAACAAATAATCAAACATTTTCTCCGG	Hs.282113	2265	-0.249725	0.57596821	0.376624349	-0.36185	0.4557948	0.177449404												
SNF11LK	NM_173354_bp422_R	AGCTAAAAAGAGAAATGTTTGATTATTTGTCTCTTGAACAAATAATCAAACATTTTCTCCGG	Hs.282113	7641	-0.300375	0.67268422	0.348381073	-0.1315	0.26105549	0.47141819												
SNF11LK	NM_173354_bp422_R	AGCTAAAAAGAGAAATGTTTGATTATTTGTCTCTTGAACAAATAATCAAACATTTTCTCCGG	Hs.282113	13017	-0.265525	1.68327339	0.705541213	-0.371275	0.84992701	0.366845459												
SNF11LK	NM_173354_bp475_R	AGCTAAAAAGCGGAAGAAGTCTGGCAAATCTCTTGAAATTTGCCAGAACTTCGTTCCCGCGG	Hs.282113	743	-0.63475	0.19197949	0.083175554	0.341133333	1.08617686	0.540119284												
SNF11LK	NM_173354_bp475_R	AGCTAAAAGCCGGAAGAAGTCTGGCAAATCTCTTGAAATTTGCCAGAACTTCGTTCCCGCGG	Hs.282113	6119	-0.36565	0.18222142	0.23527493	0.706733333	1.05497184	0.223817114												
SNF11LK	NM_173354_bp475_R	AGCTAAAAGCCGGAAGAAGTCTGGCAAATCTCTTGAAATTTGCCAGAACTTCGTTCCCGCGG	Hs.282113	11495	-0.4463	0.25997266	0.179324195	0.807666667	0.96213297	0.159155818												
SNF11LK2	NM_015191_bp1690_R	AGCTAAAAGGACCTGAACTTTCTGGAAGATCTCTTGAATCTTCCAGAAAGTTCAGGTCCGG	Hs.555922	523	-0.425475	0.28037026	0.052943774	0.231	1.30941173	0.720763993												
SNF11LK2	NM_015191_bp1690_R	AGCTAAAAGGACCTGAACTTTCTGGAAGATCTCTTGAATCTTCCAGAAAGTTCAGGTCCGG	Hs.555922	5899	-0.366025	0.44703031	0.150568158	0.7771	1.34930787	0.282580962												
SNF11LK2	NM_015191_bp1690_R	AGCTAAAAGGACCTGAACTTTCTGGAAGATCTCTTGAATCTTCCAGAAAGTTCAGGTCCGG	Hs.555922	11275	-0.670425	0.64294939	0.06205005	0.395933333	1.78717289	0.649418359												
SNF11LK2	NM_015191_bp1726_R	AGCTAAAAAGGACATCATGTTAGCCAATCATCTCTTGAATGATTGGCTAACATGATGTCCGG	Hs.555922	524	0.06775	1.3034673	0.90146917	-0.404666667	0.78137864	0.355574439												
SNF11LK2	NM_015191_bp1726_R	AGCTAAAAAGGACATCATGTTAGCCAATCATCTCTTGAATGATTGGCTAACATGATGTCCGG	Hs.555922	5900	0.14575	1.26264318	0.784457227	-0.525833333	0.56454769	0.163465843												
SNF11LK2	NM_015191_bp1726_R	AGCTAAAAAGGACATCATGTTAGCCAATCATCTCTTGAATGATTGGCTAACATGATGTCCGG	Hs.555922	11276	0.007825	1.36124442	0.989038054	-0.343666667	0.62110895	0.350844276												
SNF11LK2	NM_015191_bp453_R	AGCTAAAAGCCGGTTAAATGAGTCTGAAGTCTCTTGAACTTCAGACTCATTTAACCGGCGG	Hs.555922	525	-0.42005	0.5000526	0.130609304	0.1205	1.00795055	0.812536146												
SNF11LK2	NM_015191_bp453_R	AGCTAAAAGCCGGTTAAATGAGTCTGAAGTCTCTTGAACTTCAGACTCATTTAACCGGCGG	Hs.555922	5901	-1.2472	1.05472796	0.03308134	-0.098133333	1.14347213	0.862569805												
SNF11LK2	NM_015191_bp453_R	AGCTAAAAGCCGGTTAAATGAGTCTGAAGTCTCTTGAACTTCAGACTCATTTAACCGGCGG	Hs.555922	11277	-0.791	0.36323823	0.008911077	-0.159466667	0.86003686	0.720911583												
SNFT	AK093671_bp276_R	AGCTAAAAGTGTGTCTTATGTGGAATACATCTCTTGAATGTATTCCACATAAGACACACGG	Hs.62919	3862	0.0213625	0.16709088	0.888283209					-0.436875	0.22352173	0.067236981								
SNFT	AK093671_bp276_R	AGCTAAAAGTGTGTCTTATGTGGAATACATCTCTTGAATGTATTCCACATAAGACACACGG	Hs.62919	9238	0.1217875	0.27712032	0.500778791					-0.3646	0.250578791	0.118138582								
SNFT	AK093671_bp276_R	AGCTAAAAGTGTGTCTTATGTGGAATACATCTCTTGAATGTATTCCACATAAGACACACGG	Hs.62919	14614	0.1628375	0.31511873	0.401359839					-0.371525	0.27239829	0.117872913								
SNFT	AK093671_bp704_R	AGCTAAAAGTGTGTCTTATGTGGAATACATCTCTTGAATGTATTCCACATAAGACACACGG	Hs.62919	3858	-0.0327125	0.1360422	0.824477159					0.10575	0.1401838	0.591479866								
SNFT	AK093671_bp704_R	AGCTAAAAGTGTGTCTTATGTGGAATACATCTCTTGAATGTATTCCACATAAGACACACGG	Hs.62919	9234	-0.0877125	0.24166349	0.666094509					0.09435	0.14469762	0.631903173								
SNFT	AK093671_bp704_R	AGCTAAAAGTGTGTCTTATGTGGAATACATCTCTTGAATGTATTCCACATAAGACACACGG	Hs.62919	14610	-0.1227625	0.30367664	0.513468197					0.159575	0.16846126	0.431834454								
SNFT	AK093671_bp83_R	AGCTAAAAGCTGCTTTCTTGTGCTAGTGATCTCTTGAATCACTAGCACAAGAAAGCAGCGGG	Hs.62919	3860	-0.2120625	0.20582775	0.221222392					-0.307275	0.25715157	0.177402943								
SNFT	AK093671_bp83_R	AGCTAAAAGCTGCTTTCTTGTGCTAGTGATCTCTTGAATCACTAGCACAAGAAAGCAGCGGG	Hs.62919	9236	-0.2070875	0.25377824	0.257973243					-0.1977	0.32325626	0.388430115								
SNFT	AK093671_bp83_R	AGCTAAAAGCTGCTTTCTTGTGCTAGTGATCTCTTGAATCACTAGCACAAGAAAGCAGCGGG	Hs.62919	14612	-0.2884375	0.41377389	0.219661834					-0.227325	0.33922385	0.332440908								
SNRK	NM_017719_bp341_R	AGCTAAAAGGCATGTCTTACGGGTGAAATCTCTTGAATTTCACCCGTAAAGACATGCCCGG	Hs.476052	579	-0.12425	0.32811263	0.52323589	-0.7506	0.43560166	0.022358168												
SNRK	NM_017719_bp341_R	AGCTAAAAGGCATGTCTTACGGGTGAAATCTCTTGAATTTCACCCGTAAAGACATGCCCGG	Hs.476052	9955	0.00705	0.32416014	0.970285415	-0.5831	0.24345876	0.019010141												
SNRK	NM_017719_bp341_R	AGCTAAAAGGCATGTCTTACGGGTGAAATCTCTTGAATTTCACCCGTAAAGACATGCCCGG	Hs.476052	11331	0.0571	0.34169197	0.769860611	-0.417875	0.17100229	0.04055511												
SNX11	AK023932_bp623_R	AGCTAAAAGACACCTCAGATGAGTTCATGTTGCTCTTGAACAATGAACTCATCTGAGGTGCGG	Hs.15827	3857	-0.3906375	0.32024245	0.080768028					-0.361325	0.46917246	0.188539917								
SNX11	AK023932_bp623_R	AGCTAAAAGACACCTCAGATGAGTTCATGTTGCTCTTGAACAATGAACTCATCTGAGGTGCGG	Hs.15827	9233	-0.3149375	0.32638688	0.141640369					-0.321425	0.39958743	0.208112053								
SNX11	AK023932_bp623_R	AGCTAAAAGACACCTCAGATGAGTTCATGTTGCTCTTGAACAATGAACTCATCTGAGGTGCGG	Hs.15827	14609	-0.2888625	0.30745718	0.160839864					-0.3006	0.3502156	0.216604629								
SNX11	AK023932_bp709_R	AGCTAAAAGCAGCCAGTTGGCACCTATTCTCTTTGAAGAATAGGTGCAACTGGCTGTCGG	Hs.15827	3855	1.2916875	1.10560735	0.033982864					-0.18625	0.79250986	0.594171138								
SNX11	AK023932_bp709_R	AGCTAAAAGCAGCCAGTTGGCACCTATTCTCTTTGAAGAATAGGTGCAACTGGCTGTCGG	Hs.15827	9231	1.4168375	0.92811906	0.013717637					-0.043975	0.82236344	0.901317601								
SNX11	AK023932_bp709_R	AGCTAAAAGCAGCCAGTTGGCACCTATTCTCTTTGAAGAATAGGTGCAACTGGCTGTCGG	Hs.15827	14607	1.5140375	0.97343552	0.012501732					-0.064925	0.80003885	0.852018385								
SNX11	AK023932_bp885_R	AGCTAAAAGCCTAAGAGTTGCTGCTTTCTTCTCTTGAAAGAAAGCAGCAACTCTTAGGCGG	Hs.15827	3853	0.2077125	0.08926581	0.18123337					-0.807175	0.27507318	0.007232811								
SNX11	AK023932_bp885_R	AGCTAAAAGCCTAAGAGTTGCTGCTTTCTTCTCTTGAAAGAAAGCAGCAACTCTTAGGCGG	Hs.15827	9229	0.0574625	0.07231392	0.682129848					-0.770525	0.32760723	0.011009903								
SNX11	AK023932_bp885_R	AGCTAAAAGCCTAAGAGTTGCTGCTTTCTTCTCTTGAAAGAAAGCAGCAACTCTTAGGCGG	Hs.15827	14605	0.1495125	0.12367776	0.327570567					-0.7436	0.34536066	0.013740544								
SNX22	AK126655_bp392_R	AGCTAAAAGTCCTGAGCTTCCATGTGGATTCTCTTGAAATCCACATGGAAGCTCAGGACGG	Hs.599195	3973	-0.1111125	0.44372832	0.627051129					-0.027825	0.12986386	0.885816235								
SNX22	AK126655_bp392_R	AGCTAAAAGTCCTGAGCTTCCATGTGGATTCTCTTGAAATCCACATGGAAGCTCAGGACGG	Hs.599195	9349	-0.1104625	0.44307266	0.628702358					-0.0301	0.08618209	0.874464954								
SNX22	AK126655_bp392_R	AGCTAAAAGTCCTGAGCTTCCATGTGGATTCTCTTGAAATCCACATGGAAGCTCAGGACGG	Hs.599195	14725	-0.0132625	0.4712562	0.954963876					-0.00195	0.03695452	0.991731722								
SNX22	AK126655_bp437_R	AGCTAAAAGGTGGAGGAGGTGCCTAGATATTCTCTTGAAATATCTAGGCACCTCCTCACCGG	Hs.599195	3969	2.1811625	0.33869159	7.38E-05					1.293075	0.96124237	0.014496673								
SNX22	AK126655_bp437_R	AGCTAAAAGGTGGAGGAGGTGCCTAGATATTCTCTTGAAATATCTAGGCACCTCCTCACCGG	Hs.599195	9345	2.3111375	0.81009212	0.001020514					1.373825	0.69120948	0.003762054								
SNX22	AK126655_bp437_R	AGCTAAAAGGTGGAGGAGGTGCCTAGATATTCTCTTGAAATATCTAGGCACCTCCTCACCGG	Hs.599195	14721	2.1092875	0.31478013	7.30E-05					1.0928	0.39880475	0.00291144								
SNX22	AK126655_bp473_R	AGCTAAAAAGGTTGTGGGCTTTGCATTTCTTCTCTTGAAAGAAATGCAAAGCCCACAACCGG	Hs.599195	3971								0.346875	0.0680234	0.104191527								
SNX22	AK126655_bp473_R	AGCTAAAAAGGTTGTGGGCTTTGCATTTCTTCTCTTGAAAGAAATGCAAAGCCCACAACCGG	Hs.599195	9347								0.385175	0.10551374	0.080450487								
SNX22	AK126655_bp473_R	AGCTAAAAAGGTTGTGGGCTTTGCATTTCTTCTCTTGAAAGAAATGCAAAGCCCACAACCGG	Hs.599195	14723								0.37055	0.18566376	0.100550588								
SNX24	NM_014035_bp110_R	AGCTAAAAAGGATACACGGTGTTTAAGATATCTCTTGAATATCTTAAACACCGTGTATCCGG	Hs.483200	8584	-0.7561	0.70192221	0.053359404					-0.1293125	0.21351191	0.53178283	1.154325	0.51441194	0.020638704	0.055425	0.0524371	0.124896211		
SNX24	NM_014035_bp110_R	AGCTAAAAAGGATACACGGTGTTTAAGATATCTCTTGAATATCTTAAACACCGTGTATCCGG	Hs.483200	13960	-0.89655	0.57350257	0.011736438					-0.0864375	0.36287369	0.708563385	1.09385	0.53367589	0.026262145	-0.0653	0.0676966	0.236730144		
SNX24	NM_014035_bp110_R	AGCTAAAAAGGATACACGGTGTTTAAGATATCTCTTGAATATCTTAAACACCGTGTATCCGG	Hs.483200	3208	-0.876225	0.43528319	0.009041472								1.1241	0.52786174	0.023736356	-0.1344	0.20141829	0.274276601		
SNX24	NM_014035_bp257_R	AGCTAAAAGTCCCCAAAGTCTTGGAACAGTCTCTTGAACTGTTCCAAGCATTTGGGGACGG	Hs.483200	3206	-0.47175	0.45887835	0.084227899					-0.4935375	0.20650796	0.04342828	0.435	0.70315162	0.303998371	0.042175	1.03342957	0.940088313		
SNX24	NM_014035_bp257_R	AGCTAAAAGTCCCCAAAGTCTTGGAACAGTCTCTTGAACTGTTCCAAGCATTTGGGGACGG	Hs.483200	8582	-0.341925	0.55797247	0.231978574					-0.53755	0.04619635	0.064175361	0.475775	0.76555238	0.302176008	0.0463	1.08525004	0.937377703		
SNX24	NM_014035_bp257_R	AGCTAAAAGTCCCCAAAGTCTTGGAACAGTCTCTTGAACTGTTCCAAGCATTTGGGGACGG	Hs.483200	13958	-0.401	0.48827674	0.139936885					-0.146075	0.75229983	0.663475641	0.47985	0.71750164	0.273403475	0.0522	1.03098882	0.925730871		
SNX24	NM_014035_bp421_R	AGCTAAAAGTCTGAAGAGTCAAGCAAAACTTCTCTTGAAAGTTTGCTTGACTCTTCAGACGG	Hs.483200	3204	0.97395	0.16340841	0.001057867					0.1151125	0.57799365	0.68592461	1.90315	0.25618179	0.00066156	1.255725	0.12712407	0.000283393		
SNX24	NM_014035_bp421_R	AGCTAAAAGTCTGAAGAGTCAAGCAAAACTTCTCTTGAAAGTTTGCTTGACTCTTCAGACGG	Hs.483200	8580	1.09869	0.94226176	0.036063428					0.2927375	0.70113827	0.373639909	1.909175	0.24639431	0.000383799	1.240275	0.07066609	5.08-05		
SNX24	NM_014035_bp421_R	AGCTAAAAGTCTGAAGAGTCAAGCAAAACTTCTCTTGAAAGTTTGCTTGACTCTTCAGACGG	Hs.483200	13956	1.1188	0.33098886	0.001635274					0.1968125	0.59852812	0.503267259	1.9317	0.26721412	0.000717316	1.274825	0.09969578	0.000131122		
SNX8	BC021565_bp1207_R	AGCTAAAAGCGGAACTACTTCTCCCTGTATCTCTTGAATACAGGGAGAAGTAGTTCCGCGG	Hs.584900	4391	0.338425	0.4540097	0.181170254	-0.460075	0.71374033	0.214744007		-0.29323333	0.96438833	0.512445361								
SNX8	BC021565_bp1207_R	AGCTAAAAGCGGAACTACTTCTCCCTGTATCTCTTGAATACAGGGAGAAGTAGTTCCGCGG	Hs.584900	9767	0.5433333	0.38377434	0.036063428	-0.106125	0.83937496	0.987372606		-0.6246667	0.94724365	0.188592275								
SNX8	BC021565_bp1207_R	AGCTAAAAGCGGAACTACTTCTCCCTGTATCTCTTGAATACAGGGAGAAGTAGTTCCGCGG	Hs.584900	15143	0.393	0.25475927	0.060153567	-0.2302	1.34818787	0.702558503		-0.22503333	0.26532988	0.403324877								
SNX8	BC021565_bp343_R	AGCTAAAAGCGCTTCAAGTCCTCGGTATATCTCTTGAATATACCGAGGGACTTGAAGCGCGG	Hs.584900	4389	0.399825	0.46909373	0.132463927	-0.29635	0.22893351	0.128483677		-0.83616667	0.46100729	0.03071648								
SNX8	BC021565_bp343_R	AGCTAAAAGCGCTTCAAGTCCTCGGTATATCTCTTGAATATACCGAGGGACTTGAAGCGCGG	Hs.584900	9765	0.603075	0.37028728	0.025973187	-0.223175	0.49622006	0.399997923		-1.11223333	0.47069916	0.010915114								
SNX8	BC021565_bp343_R	AGCTAAAAGCGCTTCAAGTCCTCGGTATATCTCTTGAATATACCGAGGGACTTGAAGCGCGG	Hs.584900	15141	0.457575	0.49687488	0.104976506	0.07145	0.2112085	0.666667935		-0.78313333	0.6842271	0.066408301								
SNX8	BC021565_bp791_R	AGCTAAAAAGCGGCAGATCTTTCTCATATTCTCTCTTGAAGAATATGAGAAGATCTGCCGCGG	Hs.584900	4387	0.663075	0.32838855	0.014537207	1.7207	0.4302962	0.000844475	0.457166667	0.59785397	0.204179064									
SNX8	BC021565_bp791_R	AGCTAAAAAGCGGCAGATCTTTCTCATATTCTCTCTTGAAGAATATGAGAAGATCTGCCGCGG	Hs.584900	9763	0.6643	0.37301248	0.018560794	1.7253	0.51047831	0.001369095	0.393833333	0.53078796	0.242309806									
SNX8	BC021565_bp791_R	AGCTAAAAGCGGCAGATCTTTCTCATATTCTCTCTTGAAGAATATGAGAAGATCTGCCGCGG	Hs.584900	15139	0.871075	0.48060179	0.011961213	1.712	0.49163673	0.001263571	0.382266667	0.45415368	0.230437861									
SON	NM_058183_bp5019_R	AGCTAAAAAGGCCTTTGCCTGCTAAAGATATCTCTTGAATATCTTTAGCAGGCAAAGGCCCGG	Hs.517262	2480	7.119425	2.79630034	0.001207936					1.5137875	1.25828862	0.017121383								
SON	NM_058183_bp5019_R	AGCTAAAAAGGCCTTTGCCTGCTAAAGATATCTCTTGAATATCTTTAGCAGGCAAAGGCCCGG	Hs.517262	7856	5.1073	1.45307515	0.000291407					1.6377625	1.17917969	0.009747325								
SON	NM_058183_bp5019_R	AGCTAAAAAGGCCTTTGCCTGCTAAAGATATCTCTTGAATATCTTTAGCAGGCAAAGGCCCGG	Hs.517262	13232	5.929575	1.5209787	0.000178907					1.5373125	1.14833094	0.011569725								
SON	NM_058183_bp5778_R	AGCTAAAAGCCTCCAGGGATAACCGAAAGATCTCTTGAATCTTTCGGTTATCCCTGGAGCGG	Hs.517262	2478	3.22405	1.96016511	0.008033386					0.1601875	0.49675654	0.449712225								
SON	NM_058183_bp5778_R	AGCTAAAAGCCTCCAGGGATAACCGAAAGATCTCTTGAATCTTTCGGTTATCCCTGGAGCGG	Hs.517262	7854	3.122775	2.12091377	0.012291271					0.1482125	0.52326491	0.486267222								
SON	NM_058183_bp5778_R	AGCTAAAAGCCTCCAGGGATAACCGAAAGATCTCTTGAATCTTTCGGTTATCCCTGGAGCGG	Hs.517262	13230	3.138575	2.05991975	0.010770748					0.1266625	0.55904488	0.548667924								
SON	NM_058183_bp6344_R	AGCTAAAAAGGAGCTACTATAGAAGAACTATCTCTTGAATAGTTCTTCTATAGTAGCTTCCGG	Hs.517262	2476	2.719275	0.49412531	7.33E-05					1.2467375	0.84557007	0.009674904					

SPAG9	NM_003971_bp1256_R	AGCTAAAAGTCGGGAAGTTGAGAATCTTATCTCTTGAATAAGATTCTCAACTTCCCGACGG	Hs.46439	8214	0.3525	0.7576828	0.247722434					-0.3344875	0.32340536	0.216834857
SPAG9	NM_003971_bp1256_R	AGCTAAAAGTCGGGAAGTTGAGAATCTTATCTCTTGAATAAGATTCTCAACTTCCCGACGG	Hs.46439	13590	0.396875	0.78496709	0.217860036					-0.3458625	0.3356602	0.205767558
SPAG9	NM_003971_bp3595_R	AGCTAAAAAGGAAGTGTAATCCGTGTATATTCTCTTGAAATATACACGGATTACACTTCCGG	Hs.46439	2840	-0.821175	0.58241302	0.028937545					0.056616667	1.83825856	0.89335943
SPAG9	NM_003971_bp3595_R	AGCTAAAAAGGAAGTGTAATCCGTGTATATTCTCTTGAAATATACACGGATTACACTTCCGG	Hs.46439	8216	-0.65085	0.47440122	0.04168697					0.022283333	1.62179617	0.92213798
SPAG9	NM_003971_bp3595_R	AGCTAAAAAGGAAGTGTAATCCGTGTATATTCTCTTGAAATATACACGGATTACACTTCCGG	Hs.46439	13592	-0.703175	0.60451951	0.055321263					-0.02675	1.69321349	0.982105178
SPG3A	NM_181598_bp1195_R	AGCTAAAAAGGTGGAGTACTTCAAGGCTTATCTCTTGAATAAGCCTTGAAGTACTCCACCGG	Hs.584905	3554	-0.011275	0.18992144	0.942500074					0.0143125	0.35830001	0.95014515
SPG3A	NM_181598_bp1195_R	AGCTAAAAAGGTGGAGTACTTCAAGGCTTATCTCTTGAATAAGCCTTGAAGTACTCCACCGG	Hs.584905	8930	0.05905	0.17593532	0.702797247					-0.0578125	0.18882296	0.773311619
SPG3A	NM_181598_bp1195_R	AGCTAAAAAGGTGGAGTACTTCAAGGCTTATCTCTTGAATAAGCCTTGAAGTACTCCACCGG	Hs.584905	14306	0.0362	0.18199933	0.815531293					-0.0500875	0.27082146	0.813844348
SPG3A	NM_181598_bp522_R	AGCTAAAAAGAGACTACAATGAACCATTGATCTCTTGAATCAATGGTTCATTGTAGTCTCGG	Hs.584905	3558	-0.418925	0.15424313	0.032076291					-0.1216625	0.26828327	0.571089438
SPG3A	NM_181598_bp522_R	AGCTAAAAAGAGACTACAATGAACCATTGATCTCTTGAATCAATGGTTCATTGTAGTCTCGG	Hs.584905	8934	-0.33395	0.26498375	0.098690451					-0.1121375	0.28601548	0.605947997
SPG3A	NM_181598_bp522_R	AGCTAAAAAGAGACTACAATGAACCATTGATCTCTTGAATCAATGGTTCATTGTAGTCTCGG	Hs.584905	14310	-0.335675	0.13585096	0.061101395					-0.0652125	0.16375167	0.74181343
SPG3A	NM_181598_bp598_R	AGCTAAAAAGAGTGAAATCTTCCTTATCAATCTCTTGAATTGATAAGGAAGATTTCACTCGG	Hs.584905	3556	-0.110175	0.05549235	0.438886804					-0.2083125	0.48429468	0.432090617
SPG3A	NM_181598_bp598_R	AGCTAAAAAGAGTGAAATCTTCCTTATCAATCTCTTGAATTGATAAGGAAGATTTCACTCGG	Hs.584905	8932	0.35345	1.35391583	0.54106274					-0.3637125	0.18468435	0.105512499
SPG3A	NM_181598_bp598_R	AGCTAAAAAGAGTGAAATCTTCCTTATCAATCTCTTGAATTGATAAGGAAGATTTCACTCGG	Hs.584905	14308	0.000275	0.22603277	0.998662229					-0.2002625	0.37956759	0.405368476
SPG7	NM_003119_bp928_R	AGCTAAAAAGGGAAAGGAGTCAGCTTCAAATCTCTTGAATTTGAAGCTGACTCCTTTCCCGGG	Hs.185597	3109	2.399225	0.33710988	4.58E-05					0.394425	1.21949243	0.427757985
SPG7	NM_003119_bp928_R	AGCTAAAAAGGGTCAAGGCTTTCCTCAAATCTCTTGAATTTGAAGCTGACTCCTTTCCCGGG	Hs.185597	8485	2.441325	0.32745704	3.92E-05					0.422825	1.04701703	0.340767235
SPG7	NM_003119_bp928_R	AGCTAAAAGGGAAAGGAGTCAGCTTCAAATCTCTTGAATTTGAAGCTGACTCCTTTCCCGGG	Hs.185597	13861	2.4387	0.31666787	3.64E-05					0.480475	1.03935667	0.281633308
SPG7	NM_003119_bp982_R	AGCTAAAAAGTCCGCGAGTTTGTGGATTATTCTCTTGAAATAATCCACAAACTCGCGGACGG	Hs.185597	3107	-0.2455	0.22419558	0.175484182					-0.317625	0.52527312	0.263296823
SPG7	NM_003119_bp982_R	AGCTAAAAAGTCCGCGAGTTTGTGGATTATTCTCTTGAAATAATCCACAAACTCGCGGACGG	Hs.185597	8483	-0.0376	0.48110461	0.874676469					-0.13895	0.75770212	0.680198131
SPG7	NM_003119_bp982_R	AGCTAAAAAGTCCGCGAGTTTGTGGATTATTCTCTTGAAATAATCCACAAACTCGCGGACGG	Hs.185597	13859	-0.211675	0.26826628	0.257597522					-0.290975	0.64359539	0.352196156
SPI1	NM_003120_bp1272_R	AGCTAAAAAGAGTCTCAAGTCCGTATGTAATCTCTTGAATTACATACGGACTTGAGACTCGG	Hs.502511	4948	0.7162375	0.62842941	0.047991696	0.1856625	0.47838488	0.467505964						
SPI1	NM_003120_bp1272_R	AGCTAAAAAGAGTCTCAAGTCCGTATGTAATCTCTTGAATTACATACGGACTTGAGACTCGG	Hs.502511	10324	0.8506625	0.46883236	0.012300147	0.1651125	0.3579854	0.439836157						
SPI1	NM_003120_bp1272_R	AGCTAAAAAGAGTCTCAAGTCCGTATGTAATCTCTTGAATTACATACGGACTTGAGACTCGG	Hs.502511	15700	0.9326875	0.38267198	0.005081021	0.0719625	0.36880929	0.733135959						
SPI1	NM_003120_bp289_R	AGCTAAAACGCACGAGTATTACCCCTATCTTCTCTTGAAAGATAGGGGTAATACTCGTGCGG	Hs.502511	4946	0.0002375	0.08714443	0.9986506	-0.798066667	0.48374438	0.049552919						
SPI1	NM_003120_bp289_R	AGCTAAAAAGCACGAGTATTACCCCTATCTTCTCTTGAAAGATAGGGGTAATACTCGTGCGG	Hs.502511	10322	-0.1299875	0.28746018	0.48020143	-0.5163375	0.67226367	0.155948805						
SPI1	NM_003120_bp289_R	AGCTAAAAAGCACGAGTATTACCCCTATCTTCTCTTGAAAGATAGGGGTAATACTCGTGCGG	Hs.502511	15698	-0.0111625	0.19915093	0.94374962	-0.5679875	0.65561295	0.120644471						
SPI1	NM_003120_bp856_R	AGCTAAAAAGAAGATGACCTACCAGAAGATTCTCTTGAATCTTCTGGTAGGTCATCTTCGG	Hs.502511	4950	2.7955625	1.35849529	0.003529792	0.8267875	0.858993	0.083914048						
SPI1	NM_003120_bp856_R	AGCTAAAAAGAAGATGACCTACCAGAAGATTCTCTTGAATCTTCTGGTAGGTCATCTTCGG	Hs.502511	10326	2.7435125	1.24495379	0.002679965	0.8321125	0.80326663	0.070425282						
SPI1	NM_003120_bp856_R	AGCTAAAAAGAAGATGACCTACCAGAAGATTCTCTTGAATCTTCTGGTAGGTCATCTTCGG	Hs.502511	15702	2.8037125	1.15103748	0.001760331	0.7445875	1.01986312	0.154873404						
SPIB	AK025419_bp1065_R	AGCTAAAAAGGGCATTTGTCTCCAATCTTCTCTTGAAAGATTGGAGAACAAATGCCTCGGG	Hs.437905	3905	1.3754125	0.55750485	0.002751194					0.00805	0.3759222	0.97239527
SPIB	AK025419_bp1065_R	AGCTAAAAAGGGCATTTGTCTCCAATCTTCTCTTGAAAGATTGGAGAACAAATGCCTCGGG	Hs.437905	9281	1.4547875	0.51884317	0.001701862					-0.042725	0.37414415	0.854247885
SPIB	AK025419_bp1065_R	AGCTAAAAAGGGCATTTGTCTCCAATCTTCTCTTGAAAGATTGGAGAACAAATGCCTCGGG	Hs.437905	14657	1.5859125	0.63424051	0.002260326					-0.021425	0.38854456	0.927498517
SPIB	AK025419_bp1805_R	AGCTAAAAAGACCTGCCCTTAAGAGAATGATCTCTTGAATCATTCTCTTAAGGGCAGGTCGG	Hs.437905	3909	-0.5480875	0.24901485	0.015262504					0.915975	0.16446549	0.002761845
SPIB	AK025419_bp1805_R	AGCTAAAAAGACCTGCCCTTAAGAGAATGATCTCTTGAATCATTCTCTTAAGGGCAGGTCGG	Hs.437905	9285	-0.5259125	0.27394379	0.025384979					0.8756	0.18584827	0.003670773
SPIB	AK025419_bp1805_R	AGCTAAAAAGACCTGCCCTTAAGAGAATGATCTCTTGAATCATTCTCTTAAGGGCAGGTCGG	Hs.437905	14661	-0.5055875	0.28086339	0.030195691					0.95815	0.14470979	0.002086487
SPIB	AK025419_bp2086_R	AGCTAAAAAGGTGGCTCTGTAATCCCAACATCTCTTGAATGTTGGGATTACAGAGCCACCGG	Hs.437905	3907	-0.9109125	0.2407441	0.022663562					0.868075	0.39297804	0.008456642
SPIB	AK025419_bp2086_R	AGCTAAAAAGGTGGCTCTGTAATCCCAACATCTCTTGAATGTTGGGATTACAGAGCCACCGG	Hs.437905	9283	-0.8604875	0.26391952	0.003369315					0.2745	0.70845791	0.405248684
SPIB	AK025419_bp2086_R	AGCTAAAAAGGTGGCTCTGTAATCCCAACATCTCTTGAATGTTGGGATTACAGAGCCACCGG	Hs.437905	14659	-0.6746125	0.44486235	0.025711079					0.39005	0.21925823	0.092884821
SPINK2	BM563686_bp214_R	AGCTAAAAGGCAGTGACATGTCCACTTATTTCTCTTGAAATAAGTGGACATGTCACTGCCGG	Hs.98243	4445	-0.60855	0.35995671	0.02380973	0.8484	0.93825273	0.096125069	0.622066667	1.33462678	0.295665147			
SPINK2	BM563686_bp214_R	AGCTAAAAGGCAGTGACATGTCCACTTATTTCTCTTGAAATAAGTGGACATGTCACTGCCGG	Hs.98243	9821	-0.587	0.72165883	0.114417014	0.606125	0.72889767	0.127123876	0.496533333	1.52288277	0.442299214			
SPINK2	BM563686_bp214_R	AGCTAAAAGGCAGTGACATGTCCACTTATTTCTCTTGAAATAAGTGGACATGTCACTGCCGG	Hs.98243	15197	-0.662025	0.75935277	0.093851911	0.746075	0.88298559	0.115317411	0.3203	1.49833172	0.608986128			
SPINK2	BM563686_bp266_R	AGCTAAAAGGGAAGGTGGTCATAATATTATCTCTTGAATAATATTATGACCACCTTCCCGG	Hs.98243	4443	0.2706	0.42443097	0.251710309	-0.16855	0.21946762	0.337517453	-0.0187	0.54873071	0.952988367			
SPINK2	BM563686_bp266_R	AGCTAAAAGGGAAGGTGGTCATAATATTATCTCTTGAATAATATTATGACCACCTTCCCGG	Hs.98243	9819	0.81755	0.02227386	0.040203627	-0.979675	0.56631361	0.016925733	0.173333333	1.23887964	0.744079263			
SPINK2	BM563686_bp266_R	AGCTAAAAGGGAAGGTGGTCATAATATTATCTCTTGAATAATATTATGACCACCTTCCCGG	Hs.98243	15195	0.0399	1.35937787	0.944091746	-0.59785	0.39457283	0.038475743	0.365633333	1.02448241	0.438321122			
SPINK2	BM563686_bp513_R	AGCTAAAAAGCTCCTGGAGTTAAGCTTACTTCTCTTGAAAGTAAGCTTAACTCCAGGAGCGG	Hs.98243	4447	-0.703625	0.61450172	0.048050457	-0.3304	0.45959378	0.212832147	-0.23806667	0.97595549	0.595051034			
SPINK2	BM563686_bp513_R	AGCTAAAAAGCTCCTGGAGTTAAGCTTACTTCTCTTGAAAGTAAGCTTAACTCCAGGAGCGG	Hs.98243	9823	-0.3845	0.87567429	0.33716888	-0.1005	0.63881327	0.745400131	-0.42826667	0.66205317	0.250611311			
SPINK2	BM563686_bp513_R	AGCTAAAAAGCTCCTGGAGTTAAGCTTACTTCTCTTGAAAGTAAGCTTAACTCCAGGAGCGG	Hs.98243	15199	-0.963633333	0.71230803	0.044875008	-0.1225	0.1970255	0.460953575	-1.0323					
SPINT2	AK127479_bp294_R	AGCTAAAAAGGTGGTCACTTTCCCAGGCTTTGTCTCTTGAACAAAGCTGGAAAGTGACCACCGG	Hs.31439	4061	-1.2086625	0.37845341	0.001588205					-0.420725	0.26906804	0.083388159		
SPINT2	AK127479_bp294_R	AGCTAAAAAGGTGGTCACTTTCCCAGGCTTTGTCTCTTGAACAAAGCTGGAAAGTGACCACCGG	Hs.31439	9437	-1.1727125	0.42046612	0.002396822					-0.4622	0.35029588	0.07783228		
SPINT2	AK127479_bp294_R	AGCTAAAAAGGTGGTCACTTTCCCAGGCTTTGTCTCTTGAACAAAGCTGGAAAGTGACCACCGG	Hs.31439	14813	-1.3053125	0.23117232	0.000407646					0.265575	0.87830766	0.484655362		
SPINT2	AK127479_bp419_R	AGCTAAAAGAGGAACATGTCCCCCTCACTTCTCTTGAAAGTGAGGGGGACATGTTCCTCGG	Hs.31439	4063								0.0041	0.37318729	0.985902116		
SPINT2	AK127479_bp419_R	AGCTAAAAAGGAACATGTCCCCCTCACTTCTCTTGAAAGTGAGGGGGACATGTTCCTCGG	Hs.31439	9439								-0.019875	0.27395664	0.925592786		
SPINT2	AK127479_bp419_R	AGCTAAAAAGGAACATGTCCCCCTCACTTCTCTTGAAAGTGAGGGGGACATGTTCCTCGG	Hs.31439	14815								-0.023675	0.36945024	0.91848595		
SPINT2	AK127479_bp488_R	AGCTAAAAAGTGGCAGGCTTGGTTTATATCTCTTGAATATAGAAACCAAGCCTGCCACGG	Hs.31439	4059	-1.3221625	0.33522161	0.000783832					0.304825	0.11212194	0.148698807		
SPINT2	AK127479_bp488_R	AGCTAAAAAGTGGCAGGCTTGGTTTATATCTCTTGAATATAGAAACCAAGCCTGCCACGG	Hs.31439	9435	-1.2812125	0.29328063	0.000678436					0.27645	0.20195004	0.202528548		
SPINT2	AK127479_bp488_R	AGCTAAAAAGTGGCAGGCTTGGTTTCTATATCTCTTGAATATAGAAACCAAGCCTGCCACGG	Hs.31439	14811	-1.2416875	0.31154752	0.000889935					0.27655	0.19070715	0.199525213		
SPP1	NM_000582_bp599_R	AGCTAAAAAGGGTGATAGTGTGGTTTATGTCTCTTGAACATAAACCACACTATCACCTCGG	Hs.313	2189	0.3170375	0.80108568	0.388168254					0.0707625	0.51557439	0.790842793		
SPP1	NM_000582_bp599_R	AGCTAAAAAGGGTGATAGTGTGGTTTATGTCTCTTGAACATAAACCACACTATCACCTCGG	Hs.313	7565	0.3508625	0.86574721	0.373010464					0.0494375	0.49368289	0.849646834		
SPP1	NM_000582_bp599_R	AGCTAAAAAGGGTGATAGTGTGGTTTATGTCTCTTGAACATAAACCACACTATCACCTCGG	Hs.313	12941	0.1501625	0.6868709	0.632794969					-0.1227375	0.34552879	0.592152715		
SPP1	NM_000582_bp684_R	AGCTAAAAAGCACATCACCTCACACATCGGATCTCTTGAATCCATGTGTGAGGTGATGTCCGG	Hs.313	1114	1.3574875	0.7006231	0.00622395					0.9796375	0.80812882	0.026323803		
SPP1	NM_000582_bp684_R	AGCTAAAAAGCACATCACCTCACACATCGGATCTCTTGAATCCATGTGTGAGGTGATGTCCGG	Hs.313	6490	1.3050875	0.66331722	0.006102416					1.0090375	0.86330338	0.028229369		
SPP1	NM_000582_bp684_R	AGCTAAAAAGCACATCACCTCACACATCGGATCTCTTGAATCCATGTGTGAGGTGATGTCCGG	Hs.313	11866	1.4027125	0.70849274	0.005638095					0.9742375	0.84826063	0.030677925		
SPP1	NM_000582_bp911_R	AGCTAAAAGTCAGGAACTTTCCAAAGTCATCTCTTGAATGACTTTGGAAAGTTCCTGACGG	Hs.313	1113	0.3175125	0.38188015	0.166499772					0.3928375	0.76628111	0.269845895		
SPP1	NM_000582_bp911_R	AGCTAAAAGTCAGGAACTTTCCAAAGTCATCTCTTGAATGACTTTGGAAAGTTCCTGACGG	Hs.313	6489	0.2847875	0.34756168	0.187136182					0.2423875	0.69919201	0.455792938		
SPP1	NM_000582_bp911_R	AGCTAAAAGTCAGGAACTTTCCAAAGTCATCTCTTGAATGACTTTGGAAAGTTCCTGACGG	Hs.313	11865	0.4043625	0.34552008	0.081493339					0.3394125	0.79863078	0.347088927		
SPRED2	AY299090_bp240_R	AGCTAAAAGGTGTCAAGGCGTTGGTTTGATATCTCTTGAATATCAACCACAGCCTTGACACGG	Hs.59332	4214	0.651775	1.10414816	0.203671463	-0.38015	0.17900578	0.055749397	1.104466667	0.55765012	0.014580788			
SPRED2	AY299090_bp240_R	AGCTAAAAGGTGTCAAGGCGTTGGTTTGATATCTCTTGAATATCAACCACAGCCTTGACACGG	Hs.59332	9590	0.54035	1.2708307	0.336098927	-0.70535	0.22922725	0.008778962	0.977033333	0.39146157	0.014370703			
SPRED2	AY299090_bp240_R	AGCTAAAAGTGTCAAGGCTGTGGTTTATGATCTCTTGAATCATAACCACAGCCTTGACACGG	Hs.59332	14966	0.718975	1.29116067	0.221910219	-0.488133333	0.76400112	0.270935524	0.995266667	0.4547278	0.01600643			
SPRED2	AY299090_bp530_R	AGCTAAAGACAGGGGAGTAAGGAAAGCATCTCTTGAATGCTTTCCTTACTCCCCTGTCGG	Hs.59332	4218	2.521625	1.95952193	0.021840083	0.9464	0.47457959	0.012043384	-0.4	0.30127102	0.172744146			
SPRED2	AY299090_bp530_R	AGCTAAAGACAGGGGAGTAAGGAAAGCATCTCTTGAATGCTTTCCTTACTCCCCTGTCGG	Hs.59332	9594	2.541275	2.00851807	0.023161938	0.85875	0.52620693	0.022122994	-0.56913333	0.5208697	0.11103641			
SPRED2	AY299090_bp530_R	AGCTAAAGACAGGGGAGTAAGGAAAGCATCTCTTGAATGCTTTCCTTACTCCCCTGTCGG	Hs.59332	14970	2.532325	1.91468064	0.019807424	0.96835	0.49919502	0.01261496	-0.64023333	0.30050212	0.051148817			
SPRED2	AY299090_bp672_R	AGCTAAAAAGAGCAACCTACTCGGACAATCTCTTGAATTGTCCGAGTAGGTTGCTCTCGG	Hs.59332	4216	1.373225	1.90529941	0.125636449	-0.13305	0.51206513	0.613888584	1.7058	1.30036937	0.035256582			
SPRED2	AY299090_bp672_R	AGCTAAAAAGAGCAACCTACTCGGACAATCTCTTGAATTGTCCGAGTAGGTTGCTCTCGG	Hs.59332	9592	1.328925	2.01716473	0.153447596	-0.03867	0.39485682	0.85959756	1.42605	1.29874303	0.059280007			
SPRED2	AY299090_bp672_R	AGCTAAAAAGAGCAACCTACTCGGACAATCTCTTGAATTGTCCGAGTAGGTTGCTCTCGG	Hs.59332	14968	1.304675	1.77973666	0.121288175	-0.13835	0.47531635	0.581364875	1.35475	1.46010479	0.084592126			
SPRY1	BC063856_bp1035_R	AGCTAAAAAGGGATTCCTATTCAGATAATCTCTCTTGAAGATATCTGAATAGGAATCCCGG	Hs.436944	15334	-0.383625	0.87727181	0.338864653					0.1582				
SPRY1	BC063856_bp1035_R	AGCTAAAAAGGGATTCCTATTCAGATAATCTCTCTTGAAGATATCTGAATAGGAATCCCGG	Hs.436944	9958	-0.458225	0.84207792	0.247647584					-0.9841				
SPRY1	BC063856_bp1035_R	AGCTAAAAAGGGATTCCTATTCAGATAATCTCTCTTGAAGATATCTGAATAGGAATCCCGG	Hs.436944	4582	-0.539425	0.9632966	0.229398139									
SPRY1	BC063856_bp1260_R	AGCTAAAAAGGGGTCAGGGTAAACCATCATTCTCTTGAAATGATGGTTTACCCTGACCCCGG	Hs.436944	4578	2.2998	2.27702207	0.049030714	0.105925	0.42646785	0.647933067	-0.66726667	1.05888706	0.193597472			
SPRY1	BC063856_bp1260_R	AGCTAAAAAGGGGTCAGGGTAAACCATCATTCTCTTGAAATGATGGTTTACCCTGACCCCGG	Hs.436944	9954	2.204625	1.81689819	0.027164913	-0.106975	0.59724754	0.715889726	-0.1683	1.3197441	0.777048386			
SPRY1	BC063856_bp1260_R	AGCTAAAAAGGGGTCAGGGTAAACCATCATTCTCTTGAATGATGGTTTACCCTGACCCCGG	Hs.436944	15330	2.242025	1.67573091	0.019229965	0.270475	0.24363511	0.164325771	-0.83663333	0.881794	0.084931038			
SPRY1	BC063856_bp956_R	AGCTAAAAAGCTGAGACATGGTGGAATATTCTCTTGAAATATTCCACCATGCTCTCAGCGG	Hs.436944	4580	0.606825	0.55104618	0.0588914	-0.383125	0.12651615	0.04487124	-0.20113333	0.69416923	0.57831192			
SPRY1	BC063856_bp956_R	AGCTAAAAAGCTGAGACATGGTGGAATATTCTCTTGAAATATTCCACCATGCTCTCAGCGG	Hs.436944	9956	0.310925	0.73306291	0.363992599	-0.45025	0.09432894	0.023556356	-0.22793333	0.63775434	0.512765091			
SPRY1	BC063856_bp956_R	AGCTAAAAAGCTGAGACATGGTGGAATATTCTCTTGAAATATTCCACCATGCTCTCAGCGG	Hs.436944	15332	1.4103	0.48852172	0.001621597	-0.585433333	0.33985153	0.06849576	0.001666667	1.41613898	0.997741512			
SQSTM1	NM_003900_bp1175_R	AGCTAAAAAGAAGCTGCCTTGTACCCACATTCTCTTGAAATGTGGGTACAAGGCAGCTTCGG	Hs.437277	2351	1.04855	0.71873186	0.015315736					0.7373875	1.7367897	0.265963471		
SQSTM1	NM_003900_bp1175_R	AGCTAAAAAGAAGCTGCCTTGTACCCACATTCTCTTGAAATGTGGGTACAAGGCAGCTTCGG	Hs.437277	7727	1.016775	0.71219937	0.016749312					0.6065875	1.84864832	0.372656816		
SQSTM1	NM_003900_bp1175_R	AGCTAAAAAGAAGCTGCCTTGTACCCACATTCTCTTGAAATGTGGGTACAAGGCAGCTTCGG	Hs.437277	13103	0.999225	0.69153997	0.016233793					0.7011875	1.73453941	0.286027855		
SQSTM1	NM_003900_bp2670_R	AGCTAAAAGGCCATGCCCTCCATTTGTAATCTCTTGAATTACAAATGGAGGGCATGGCCGG	Hs.437277	2377	0.2893	0.80886632	0.338594923					-1.42125	1.74537902	0.094923035		
SQSTM1	NM_003900_bp2670_R	AGCTAAAAGGCCATGCCCTCCATTTGTAATCTCTTGAATTACAAATGGAGGGCATGGCCGG	Hs.437277	7753	0.22595	0.87658253	0.457957799					-1.49728333	1.75799001	0.083631955		
SQSTM1	NM_003900_bp2670_R	AGCTAAAAGGCCATGCCCTCCATTTGTAATCTCTTGAATTACAAATGGAGGGCATGGCCGG	Hs.437277	13129	0.238875	0.90112217	0.449588467					-1.59735	1.74886494	0.068451712		
SQSTM1	NM_003900_bp313_R	AGCTAAAAAGGATGACATCTTCCGAATCTATCTCTTGAATGAGATTCGGAAGATGTCATCCGG	Hs.437277	2349	-0.2496	0.63423617	0.524263859					0.4022875	2.14027478	0.585704194		
SQSTM1	NM_003900_bp313_R	AGCTAAAAAGGATGACATCTTCCGAATCTATCTCTTGAATGAGATTCGGAAGATGTCATCCGG	Hs.437277	7725	-0.2109	0.72751457	0.644190354					0.4900375	1.81522025	0.451701532		
SQSTM1	NM_003900_bp313_R	AGCTAAAAAGGATGACATCTTCCGAATCTATCTCTTGAATGAGATTCGGAAGATGTCATCCGG	Hs.437277	13101	-0.274075	0.64496974	0.480829281					0.4164625	2.07286622	0.562792453		
SRC	NM_005417_bp1136_R	AGCTAAAAAGGTGGCCTACTACTCCAAAACATCTTGAATGTTTGGAGTAGTAGGGCCACCGG	Hs.195659	411	0.443725	0.92240373	0.294740706	0.193433333	1.30469876	0.76326173						
SRC	NM_005417_bp1136_R	AGCTAAAGGTGGCCTACTACTCCAAAACATCTTGAATGTTTGGAGTAGTAGGGCCACCGG	Hs.195659	5787	0.4405	0.89616428	0.286968905	0.482766667	2.11882239	0.638351809						
SRC	NM_005417_bp1136_R	AGCTAAAAGGTGGCCTACTACTCCAAAACATCTTGAATGTTTGGAGTAGTAGGGCCACCGG	Hs.195659	11163	0.4761	0.85502997	0.237423873	0.533033333	2.18771312	0.615776756						
SRC	NM_005417_bp1680_R	AGCTAAAAAGCTCGGCTCATTGAAGACAATCTCTCTTGAAATTGTCTTCAATGAGCCGAGCGG	Hs.195659	412	-0.63755	0.78048726	0.109646296	1.885933333	1.50754195	0.05819209						
SRC	NM_005417_bp1680_R	AGCTAAAAAGCTCGGCTCATTGAAGACAATCTCTCTTGAAATTGTCTTCAATGAGCCGAGCGG	Hs.195659	5788	-0.981125	0.9788915	0.057581512	1.927333333	1.86322939	0.090983205						
SRC	NM_005417_bp1680_R	AGCTAAAAAGCTCGGCTCATTGAAGACAATCTCTCTTGAAATTGTCTTCAATGAGCCGAGCGG	Hs.195659	11164	-0.90845	0.80912308	0.0435029	2.0661	1.19261265	0.024856077						
SRC	NM_005417_bp1719_R	AGCTAAAAAGGTGCCAAATTCCCCATCAAGTCTCTTGAACTTGATGGGGAATTTGGCACCGG	Hs.195659	1669	0.008166667	1.24701485	0.9885447									
SRC	NM_005417_bp1719_R	AGCTAAAAAGGTGCCAAATTCCCCATCAAGTCTCTTGAACTTGATGGGGAATTTGGCACCGG	Hs.195659	12421	-0.540575	1.05625865	0.262521378	0.2919	1.09146542	0.598777068						
SREBF1	BC063281_bp1319_R	AGCTAAAAGAGGCCAAAGCTGAATAAATCTTCTCTTGAAAGATTTATTCAGCTTTGCCTCGG	Hs.592123	15322	0.4012	0.31664242	0.231920383					1.3327				
SREBF1	BC063281_bp1319_R	AGCTAAAAAGAGGCAAAGCTGAATAAATCTTCTCTTGAAAGATTTATTCAGCTTTGCCTCGG	Hs.592123	4570	0.8668											
SREBF1	BC063281_bp1319_R	AGCTAAAAAGAGGCAAAGCTGAATAAATCTTCTCTTGAAAGATTTATTCAGCTTTGCCTCGG	Hs.592123	9946	0.6703											
SREBF1	BC063281_bp381_R	AGCTAAAATGGACTTCCCTGGCCTATTTGTCTCTTGAACAAATAGGCCAGGGAAGTCACGG	Hs.592123	4572	1.21355	0.43019419	0.002192281	0.7548	0.36037545	0.014587859	-0.0288	1.05671613	0.950863902			
SREBF1	BC063281_bp381_R	AGCTAAAATGGACTTCCCTGGCCTATTTGTCTCTTGAACAAATAGGCCAGGGAAGTCACGG	Hs.592123	9948	1.276375	0.34355135	0.00097708	0.788225	0.28150232	0.007821679	0.009833333	0.95377422	0.98192882			
SREBF1	BC063281_bp381_R	AGCTAAAATGGACTTCCCTGGCCTATTTGTCTCTTGAACAAATAGGCCAGGGAAGTCACGG	Hs.592123	15324	1.481975	0.22443005	0.000213114	0.89695	0.3739341	0.008327247	0.113366667	0.88249703	0.783920218			
SRMS	NM_080823_bp614_R	AGCTAAAAAGGAGCTGCTCACCTACTACAATCTCTTGAATTGTAGTAGGTGAGCAGCTCCGG	Hs.411061	5994	-0.074125	0.37892461	0.720004448	0.472933333	0.72422915	0.2667983						
SRMS	NM_080823_bp614_R	AGCTAAAAAGGAGCTGCTCACCTACTACAATCTCTTGAATTGTAGTAGGTGAGCAGCTCCGG	Hs.411061	11370	-0.350275	0.33516532	0.113746455	0.3912	0.80837989	0.381442209						
SRMS	NM_080823_bp614_R	AGCTAAAAAGGAGCTGCTCACCTACTACAATCTCTTGAATTGTAGTAGGTGAGCAGCTCCGG	Hs.411061	618	-0.893666667	0.52937731	0.030411988	1.2466								
SRMS	NM_080823_bp77_R	AGCTAAAAAGTCCTTCTTCTGGGACAAGATATCTCTTGAAATCTTGTTCCCAGAAGAAGGACGG	Hs.411061	619	-0.424375	0.27903348	0.053045314	-0.674175	0.24499376	0.011369719						
SRMS	NM_080823_bp77_R	AGCTAAAAAGTCCTTC

SSTK	NM_032037_bp339_R	AGCTAAAAGTGCACGTCTTCGAGTTCATCTCTCTTGAAGATGAACTCGAAGACGTGCACGG	Hs.532711	11497	-0.6419	0.1692945	0.006787528	-0.37025	0.07631891	0.043275835											
SSTK	NM_032037_bp489_R	AGCTAAAAGTGCGCTACCTGCACGATCATTCTCTTGAAATGATCGTGCAGGTAGCGCACGG	Hs.532711	6122	-0.1959	0.13615949	0.21939753	-0.539675	0.03286613	0.011063011											
SSTK	NM_032037_bp489_R	AGCTAAAAGTGCGCTACCTGCACGATCATTCTCTTGAAATGATCGTGCAGGTAGCGCACGG	Hs.532711	11498	-0.14275	0.16868129	0.369482277	-0.482325	0.09301284	0.018899711											
SSTK	NM_032037_bp489_R	AGCTAAAAGTGCGCTACCTGCACGATCATTCTCTTGAAATGATCGTGCAGGTAGCGCACGG	Hs.532711	746	0.03125	0.10718067	0.827098254	-0.532666667	0.17123774	0.05270857											
STAC3	AK057013_bp369_R	AGCTAAAAGCCCATCTACTACATCTATGATCTCTTGAATCATAGATGTAGTAGATGGGCGG	Hs.417595	4001	-0.2069625	0.32255147	0.301293351				-0.1561	0.13595781	0.433918479								
STAC3	AK057013_bp369_R	AGCTAAAAGCCCATCTACTACATCTATGATCTCTTGAATCATAGATGTAGTAGATGGGCGG	Hs.417595	9377	-0.1851375	0.35776589	0.373031536				-0.120125	0.14803041	0.545092567								
STAC3	AK057013_bp369_R	AGCTAAAAGCCCATCTACTACATCTATGATCTCTTGAATCATAGATGTAGTAGATGGGCGG	Hs.417595	14753	-0.2102625	0.38525618	0.33332548				-0.112275	0.19546214	0.581210437								
STAC3	AK057013_bp459_R	AGCTAAAAGCCCCACAAATTCAAAGATCATCTCTTGAATGATCTTTGAATTTGTTGGGGCGG	Hs.417595	3999	-0.1307375	0.25923625	0.460437813				0.1867	0.2671956	0.39293327								
STAC3	AK057013_bp459_R	AGCTAAAAGCCCCACAAATTCAAAGATCATCTCTTGAATGATCTTTGAATTTGTTGGGGCGG	Hs.417595	9375	-0.1854875	0.24133958	0.297132418				0.042575	0.12899153	0.826228754								
STAC3	AK057013_bp459_R	AGCTAAAAGCCCCACAAATTCAAAGATCATCTCTTGAATGATCTTTGAATTTGTTGGGGCGG	Hs.417595	14751	-0.1984625	0.29973785	0.304320046				0.193675	0.15927518	0.34360251								
STAC3	AK057013_bp514_R	AGCTAAAAGCCCGGGATGATTGTTCTCAACTTCTCTTGAAGTTGAGAACAATCATCCGGGCGG	Hs.417595	4003	0.1096625	0.33661535	0.576029027				0.08925	0.40556576	0.710712296								
STAC3	AK057013_bp514_R	AGCTAAAAGCCCGGGATGATTGTTCTCAACTTCTCTTGAAGTTGAGAACAATCATCCGGGCGG	Hs.417595	9379	0.1023125	0.26774344	0.563801006				0.060275	0.18514689	0.763485406								
STAC3	AK057013_bp514_R	AGCTAAAAGCCCGGGATGATTGTTCTCAACTTCTCTTGAAGTTGAGAACAATCATCCGGGCGG	Hs.417595	14755	0.1195125	0.22952561	0.480368305				0.247175	0.23693891	0.253671441								
STAM2	NM_005843_bp1419_R	AGCTAAAAGCTCTGGAACTATATAACAAATCTCTTGAATTTGTTATATAGTTCCAGAGCGG	Hs.17200	2426	-1.15355	0.21818438	0.000706151				-0.4519875	0.56798927	0.176323288								
STAM2	NM_005843_bp1419_R	AGCTAAAAGCTCTGGAACTATATAACAAATCTCTTGAATTTGTTATATAGTTCCAGAGCGG	Hs.17200	7802	-1.211625	0.21867034	0.000579183				-0.5191875	0.60649248	0.136727654								
STAM2	NM_005843_bp1419_R	AGCTAAAAGCTCTGGAACTATATAACAAATCTCTTGAATTTGTTATATAGTTCCAGAGCGG	Hs.17200	13178	-1.1936	0.22125651	0.000617605				-0.4656375	0.51317386	0.14622634								
STAM2	NM_005843_bp1515_R	AGCTAAAAGGGGTTCCAATGCAGACATATTCTCTTGAAATATGTCTGCATTGGAACCCCGG	Hs.17200	2400	-0.407775	0.45632032	0.161485452				-0.1292625	0.18821281	0.66778679								
STAM2	NM_005843_bp1515_R	AGCTAAAAGGGGTTCCAATGCAGACATATTCTCTTGAAATATGTCTGCATTGGAACCCCGG	Hs.17200	7776	-0.405225	0.38653837	0.130711683				-0.1045125	0.18181769	0.757614009								
STAM2	NM_005843_bp1515_R	AGCTAAAAGGGGTTCCAATGCAGACATATTCTCTTGAAATATGTCTGCATTGGAACCCCGG	Hs.17200	13152	-0.45667	0.44794105	0.117004284				-0.0941125	0.17670537	0.796521504								
STAM2	NM_005843_bp730_R	AGCTAAAAGCTCTGATATCTGCAACTATTATCTCTTGAATAATAGTTGCAGATATCAGACGG	Hs.17200	2398	0.752275	0.1459808	0.002184334				1.1613875	0.440823	0.002109562								
STAM2	NM_005843_bp730_R	AGCTAAAAGCTCTGATATCTGCAACTATTATCTCTTGAATAATAGTTGCAGATATCAGACGG	Hs.17200	7774	0.776225	0.17698061	0.00232704				1.1483125	0.47839633	0.002673518								
STAM2	NM_005843_bp730_R	AGCTAAAAGCTCTGATATCTGCAACTATTATCTCTTGAATAATAGTTGCAGATATCAGACGG	Hs.17200	13150	0.784175	0.20126536	0.002500234				1.2014625	0.42569953	0.001656511								
STAT1	NM_007315_bp1612_R	AGCTAAAAGAGGGTCCTCTCATCGTTACTTCTCTTGAAAGTAACGATGAGAGGACCCTCGG	Hs.565365	965	-1.2345875	0.60225601	0.005615086				-0.2817125	1.1647558	0.551177796	0.162775	0.37201102	0.445929473	-0.0578	0.50413625	0.833377099		
STAT1	NM_007315_bp1612_R	AGCTAAAAGAGGGTCCTCTCATCGTTACTTCTCTTGAAAGTAACGATGAGAGGACCCTCGG	Hs.565365	6341	-1.2696125	0.57726686	0.00435414				-0.2864625	1.11055129	0.52910361	0.1305	0.36271306	0.523776819	0.0814	0.44914257	0.741032643		
STAT1	NM_007315_bp1612_R	AGCTAAAAGAGGGTCCTCTCATCGTTACTTCTCTTGAAAGTAACGATGAGAGGACCCTCGG	Hs.565365	11717	-1.2816375	0.57927862	0.004229182				-0.2838875	1.09890404	0.529246506	0.212275	0.42232714	0.388831554	0.0538	0.47491683	0.835321236		
STAT1	NM_007315_bp2371_R	AGCTAAAAGACCATGCCTTTGGAAAGTATTCTCTTGAAATACTTTCCAAAGGCATGGTCGG	Hs.565365	966	0.1171375	0.61460394	0.683046611				0.2192875	0.61756144	0.465663834	-0.333525	0.37955069	0.177086069	-0.274525	0.3130393	0.17771904		
STAT1	NM_007315_bp2371_R	AGCTAAAAGACCATGCCTTTGGAAAGTATTCTCTTGAAATACTTTCCAAAGGCATGGTCGG	Hs.565365	6342	0.1627625	0.56674562	0.55048277				0.2105375	0.5910343	0.472130712	-0.249075	0.38774258	0.289095129	-0.189125	0.28393911	0.274967655		
STAT1	NM_007315_bp2371_R	AGCTAAAAGACCATGCCTTTGGAAAGTATTCTCTTGAAATACTTTCCAAAGGCATGGTCGG	Hs.565365	11718	0.1168875	0.52607226	0.648179609				0.2186125	0.61013898	0.463945445	-0.159775	0.4388839	0.519237762	-0.084625	0.30810794	0.621032194		
STAT2	NM_005419_bp1475_R	AGCTAAAAGGGCTTCAGTTCTCTGGTTCATCTCTTGAATGAACCAGAGAACTGAAGCCCGG	Hs.530595	963	1.7568875	0.55140169	0.0008784				0.5997875	0.54237791	0.061429603	0.29675	0.32556346	0.165824462	0.2076	0.24201857	0.184747738		
STAT2	NM_005419_bp1475_R	AGCTAAAAGGGCTTCAGTTCTCTGGTTCATCTCTTGAATGAACCAGAGAACTGAAGCCCGG	Hs.530595	6339	1.9039125	0.5969919	0.000679675				0.6173625	0.65621982	0.078533066	0.428275	0.19313656	0.021307087	0.418375	0.23067616	0.036059767		
STAT2	NM_005419_bp1475_R	AGCTAAAAGGGCTTCAGTTCTCTGGTTCATCTCTTGAATGAACCAGAGAACTGAAGCCCGG	Hs.530595	11715	1.9190375	0.58331259	0.000707916				0.6522625	0.71229015	0.077941483	0.496025	0.32282392	0.05443239	0.4751	0.28562382	0.044827583		
STAT2	NM_005419_bp466_R	AGCTAAAAGAGAGCCAGTTCTCGAAACATCTCTTGAATGTTTCGAGAACTGGCTCTCCGG	Hs.530595	2003	0.1302625	0.45842746	0.57850692				-0.80511667	0.77136092	0.074696871	-2.2671			-1.1082	1.29650032	0.27689245		
STAT2	NM_005419_bp466_R	AGCTAAAAGAGAGCCAGTTCTCGAAACATCTCTTGAATGTTTCGAGAACTGGCTCTCCGG	Hs.530595	7379	0.0941875	0.46872886	0.689809661				-0.7973833	0.73338388	0.070536281	-2.1971			-0.8894	1.15771769	0.314744911		
STAT2	NM_005419_bp466_R	AGCTAAAAGAGAGCCAGTTCTCGAAACATCTCTTGAATGTTTCGAGAACTGGCTCTCCGG	Hs.530595	12755	0.1290375	0.44121314	0.572897016				-0.7371667	0.68570359	0.079211445	-2.1172			-0.94143333	1.23652576	0.31802166		
STAT2	NM_005419_bp514_R	AGCTAAAAGAATCCCGGATCCTGGATTTATCTCTTGAATAAATCCAGGATTCCGGGATTCGG	Hs.530595	964	0.0053875	0.62577077	0.985090848				-0.2733625	0.2444925	0.219082553	0.32575	0.53231457	0.308313332	-0.16975	0.18831881	0.302384442		
STAT2	NM_005419_bp514_R	AGCTAAAAGAATCCCGGATCCTGGATTTATCTCTTGAATAAATCCAGGATTCCGGGATTCGG	Hs.530595	6340	0.0380625	0.61496646	0.893648148				-0.2883375	0.31355773	0.2202905	0.178	0.41986262	0.458786061	-0.093575	0.17841802	0.371256248		
STAT2	NM_005419_bp514_R	AGCTAAAAGAATCCCGGATCCTGGATTTATCTCTTGAATAAATCCAGGATTCCGGGATTCGG	Hs.530595	11716	0.0134875	0.5907084	0.961003582				-0.3235125	0.40739893	0.208476909	0.332675	0.49446698	0.271096777	-0.0486	0.13316659	0.518274405		
STAT3	NM_012448_bp1607_R	AGCTAAAAGCACTGTTTCTCGGGCAATTTCTCTTGAAATTGTCCCAGAGAACAGTGGCGG	Hs.463059	967	-0.5831875	0.31544068	0.021836104				-0.7965125	0.54889461	0.022945498	-0.306425	1.0375012	0.69627039	-0.0552	0.18953881	0.601103882		
STAT3	NM_012448_bp1607_R	AGCTAAAAGCACTGTTTCTCGGGCAATTTCTCTTGAAATTGTCCCAGAGAACAGTGGCGG	Hs.463059	6343	-0.5318375	0.49061286	0.068197143				-0.7174875	0.69967877	0.055977768	-0.2615	0.93398768	0.614595457	0.037575	0.19749229	0.728903725		
STAT3	NM_012448_bp1607_R	AGCTAAAAGCACTGTTTCTCGGGCAATTTCTCTTGAAATTGTCCCAGAGAACAGTGGCGG	Hs.463059	11719	-0.6077875	0.37531862	0.025945068				-0.8037625	0.64853218	0.031961559	-0.2379	0.97914572	0.660296433	0.1627	0.29752278	0.354043418		
STAT3	NM_012448_bp1892_R	AGCTAAAAGCGGTGTGATGGAAGTGTTATCTCTTGAATAACACTTCCATCACACCGTCGG	Hs.463059	2005	2.5627875	0.41449445	8.57E-05				-2.0076375	0.06059279	0.295386704	1.1738	0.15132035	0.000581879	0.76355	0.27637938	0.011679002		
STAT3	NM_012448_bp1892_R	AGCTAAAAGCGGTGTGATGGAAGTGTTATCTCTTGAATAACACTTCCATCACACCGTCGG	Hs.463059	7381	2.4879875	0.53112379	0.000148995				-0.1048625	0.09742193	0.587911409	1.132925	0.17011814	0.000914715	0.770925	0.16038498	0.002388756		
STAT3	NM_012448_bp1892_R	AGCTAAAAGCGGTGTGATGGAAGTGTTATCTCTTGAATAACACTTCCATCACACCGTCGG	Hs.463059	12757	2.4857875	0.46220505	9.43E-05				-0.2625125	0.15319602	0.211423395	1.1133	0.2109262	0.001815852	0.8269	0.10279497	0.000522312		
STAT3	NM_012448_bp2373_R	AGCTAAAAGTCCCCAGGCTCCATATAACATCTTCTTGAATGATTATAGTGAGCCTGGGGACGG	Hs.463059	968	0.7730875	0.30810297	0.006992587				-0.2520375	1.51302378	0.668621778	1.058925	0.7048133	0.057447131	0.26085	2.27063205	0.833052933		
STAT3	NM_012448_bp2373_R	AGCTAAAAGTCCCCAGGCTCCATATAACATCTTCTTGAATGATTATAGTGAGCCTGGGGACGG	Hs.463059	6344	0.6367375	0.55383559	0.051420276				0.0019375	1.55952126	0.999424407	1.2477	0.74163524	0.100354997	0.3297	2.31061074	0.793922596		
STAT3	NM_012448_bp2373_R	AGCTAAAAGTCCCCAGGCTCCATATAACATCTTCTTGAATGATTATAGTGAGCCTGGGGACGG	Hs.463059	11720	0.7136625	0.54960808	0.034921815				-0.2652375	1.8161505	0.702480949	1.1219	0.67172508	0.044375764	0.287775	2.28505024	0.817406073		
STAT3	NM_013276_bp1264_R	AGCTAAAAGGGCGTCAGTTCACTAACTAAATCTCTTGAATTATAGTGAACGCCGCCTCCGG	Hs.463059	2007	-0.4789375	0.36971465	0.055387236				-0.0819125	0.54889461	0.766483034	-0.314925	0.77508849	0.479933865	0.208025	0.17113872	0.093240911		
STAT3	NM_013276_bp1264_R	AGCTAAAAGGGCGTCAGTTCACTAACTAAATCTCTTGAATTATAGTGAACGCCGCCTCCGG	Hs.463059	7383	-0.4791875	0.34195305	0.048643049				-0.1059375	0.51836445	0.693219295	-0.32645	0.80574416	0.477075733	0.2424	0.19568103	0.089467671		
STAT3	NM_013276_bp1264_R	AGCTAAAAGGGCGTCAGTTCACTAACTAAATCTCTTGAATTATAGTGAACGCCGCCTCCGG	Hs.463059	12759	-0.4901375	0.35243411	0.047591669				-0.0994125	0.55458301	0.720484528	-0.333275	0.86261351	0.495989304	0.310025	0.16450022	0.032681498		
STAT3	NM_013276_bp2277_R	AGCTAAAAGGAGAGGATGCATTCGGAAAGTATCTCTTGAATACTTTCGATGCCTCCTCTCCGG	Hs.463059	2009	1.8742625	0.18486983	5.30E-05				-0.0652875	0.12933298	0.737132401	1.663525	0.60152493	0.011645815	0.2004	0.49427231	0.476787722		
STAT3	NM_013276_bp2277_R	AGCTAAAAGGAGAGGATGCATTCGGAAAGTATCTCTTGAATACTTTCGATGCCTCCTCTCCGG	Hs.463059	7385	1.8788375	0.20627851	6.00E-05				-0.0746375	0.18691221	0.710323466	1.685725	0.60078188	0.011184736	0.154325	0.52472454	0.59773742		
STAT3	NM_013276_bp2277_R	AGCTAAAAGGAGAGGATGCATTCGGAAAGTATCTCTTGAATACTTTCGATGCCTCCTCTCCGG	Hs.463059	12761	1.8032375	0.21270424	7.89E-05				-0.0822875	0.15244008	0.676608763	1.72845	0.53188921	0.007396043	0.18425	0.48054618	0.490000436		
STAT3	NM_013276_bp397_R	AGCTAAAAGCCCACTTTGGTGTTTCATAATTCTCTTGAAATTATGAAACACCAAAGTGGCGG	Hs.463059	969	-0.5919875	0.44383268	0.039945964				0.1979375	0.46210651	0.444933743	0.6374	0.70923533	0.170117456	-0.208975	0.58804854	0.528518083		
STAT3	NM_013276_bp397_R	AGCTAAAAGCCCACTTTGGTGTTTCATAATTCTCTTGAAATTATGAAACACCAAAGTGGCGG	Hs.463059	6345	-0.6057125	0.43759778	0.035943798				0.1960375	0.45439887	0.445879934	0.64345	0.66679044	0.149167515	-0.199675	0.62691152	0.56940022		
STAT3	NM_013276_bp397_R	AGCTAAAAGCCCACTTTGGTGTTTCATAATTCTCTTGAAATTATGAAACACCAAAGTGGCGG	Hs.463059	11721	-0.6606875	0.41485202	0.023718672				0.1569875	0.47714258	0.546542319	0.69195	0.66910646	0.130456705	-0.1407	0.57923532	0.660372805		
STAT4	NM_003151_bp1404_R	AGCTAAAAGCCATGTCTATTGAAGAATCTTCTCTTGAAAGATTCTTCAATAGACATGCGCGG	Hs.80642	11710										-0.26165	0.1270616	0.025941323	-0.325325	0.14230119	0.019629239		
STAT4	NM_003151_bp1404_R	AGCTAAAAGCCATGTCTATTGAAGAATCTTCTCTTGAAAGATTCTTCAATAGACATGCGCGG	Hs.80642	6334										-0.176275	0.10810607	0.04709067	-0.2682	0.10545103	0.01468273		
STAT4	NM_003151_bp1404_R	AGCTAAAAGCCATGTCTATTGAAGAATCTTCTCTTGAAAGATTCTTCAATAGACATGCGCGG	Hs.80642	958										-0.216075	0.06577712	0.007173087	-0.292725	0.19877029	0.060249354		
STAT4	NM_003151_bp2086_R	AGCTAAAAGGGTGGACCATTCTGAAAGTGTCTCTTGAACACTTTCAGAATGGTCCACCCGG	Hs.80642	959	-1.4599125	0.14655471	0.000142961			-0.0701625	0.46935968	0.783320606	0.270175	0.27209948	0.141251403	0.2494	0.75284283	0.554970629			
STAT4	NM_003151_bp2086_R	AGCTAAAAGGGTGGACCATTCTGAAAGTGTCTCTTGAACACTTTCAGAATGGTCCACCCGG	Hs.80642	6335	-1.3143125	0.22022931	0.000362792			-0.0668625	0.32109234	0.763703982	0.219825	0.31581379	0.25813649	0.375	0.76353939	0.398399706			
STAT4	NM_003151_bp2086_R	AGCTAAAAGGGTGGACCATTCTGAAAGTGTCTCTTGAACACTTTCAGAATGGTCCACCCGG	Hs.80642	11711	-1.5396625	0.25372867	0.000216433			0.0107625	0.26434182	0.959343952	0.18285	0.35315064	0.376567928	0.375025	0.72959468	0.379570935			
STAT4	NM_003151_bp383_R	AGCTAAAAGGAGGCAGCTTCTAACAATGATCTCTTGAATCATTGTTATAGAAGCTGCCTCCGG	Hs.80642	960	2.0323625	0.81861132	0.001904938			-0.2291375	0.61808617	0.447026543	0.028775	0.77582863	0.945537381	1.320633333	0.96427335	0.14106025			
STAT4	NM_003151_bp383_R	AGCTAAAAGGAGGCAGCTTCTAACAATGATCTCTTGAATCATTGTTATAGAAGCTGCCTCCGG	Hs.80642	6336	2.0234625	0.75124314	0.001400139			-0.2367125	0.58022433	0.416643971	0.081225	0.51847406	0.774555659	0.7074	0.73619194	0.237958733			
STAT4	NM_003151_bp383_R	AGCTAAAAGGAGGCAGCTTCTAACAATGATCTCTTGAATCATTGTTATAGAAGCTGCCTCCGG	Hs.80642	11712	2.1440625	0.87132537	0.001908688			-0.2751625	0.57773915	0.348941741	0.069775	0.58840684	0.827801216	0.624575	0.65211078	0.15129803			
STAT5A	NM_003152_bp1625_R	AGCTAAAAGACCAGGCACATTCATCATTGATCTCTTGAATCAATGATGAATGTGCTGGTCGG	Hs.437058	1995	1.3870875	0.23974866	0.000323682			0.8859125	0.43276363	0.00914715	1.457275	0.4602362	0.007962044	0.8574	0.63726653	0.074359388			
STAT5A	NM_003152_bp1625_R	AGCTAAAAGACCAGGCACATTCATCATTGATCTCTTGAATCAATGATGAATGTGCTGGTCGG	Hs.437058	7371	1.4410375	0.26886833	0.00036404			0.9023125	0.43446092	0.008493769	1.506925	0.48490997	0.008395129	0.768275	0.42988108	0.03743592			
STAT5A	NM_003152_bp1625_R	AGCTAAAAGACCAGGCACATTCATCATTGATCTCTTGAATCAATGATGAATGTGCTGGTCGG	Hs.437058	12747	1.3903375	0.22117135	0.000282941			0.8587875	0.43004385	0.010379098	1.546525	0.44553347	0.006129523	0.8318	0.52071772	0.049527787			
STAT5A	NM_003152_bp2079_R	AGCTAAAAGCTACTGTGCTGTGGGGACAATTCTCTTGAAATTGTCCCACAGGACAGTAGCGGG	Hs.437058	1997	1.8899125	0.49399703	0.000434149			0.4763375	0.45023835	0.093300149	-0.25115	0.13687	0.035002383	-0.56376667	0.09645788	0.009617338			
STAT5A	NM_003152_bp2079_R	AGCTAAAAGCTACTGTGCTGTGGGGACAATTCTCTTGAAATTGTCCCACAGGACAGTAGCGGG	Hs.437058	7373	2.7281125	0.83195578	0.000525064			0.5732875	0.58276439	0.079407734	-0.27945	0.20213495	0.06986055	-0.38825	0.23868458	0.048726338			
STAT5A	NM_003152_bp2079_R	AGCTAAAAGCTACTGTGCTGTGGGGACAATTCTCTTGAAATTGTCCCACAGGACAGTAGCGGG	Hs.437058	12749	2.8330625	0.7705274	0.000322763			0.5234125	0.51467372	0.085343743	-0.029933333	0.1423401	0.750582748	-0.36803333	0.22683918	0.106737689			
STAT5A	NM_003152_bp2624_R	AGCTAAAAGGACCTGAGCTATCTCATCTATCTCTTGAATGAGATGAGATAGCTCAGGTCCGG	Hs.437058	961	0.9766875	0.46028764	0.006718742			0.6707875	0.82728451	0.096550779	0.662125	0.50994263	0.080594218	1.195975	0.54111369	0.021495154			
STAT5A	NM_003152_bp2624_R	AGCTAAAAGGACCTGAGCTATCTCATCTATCTCTTGAATGAGATGAGATAGCTCAGGTCCGG	Hs.437058	11713	0.9046375	0.4789606	0.010208774			0.8459375	0.8128274	0.045461195	0.715125	0.42414492	0.043344182	1.407175	0.55433708	0.047604114			
STAT5A	NM_003152_bp2624_R	AGCTAAAAGGACCTGAGCTATCTCATCTATCTCTTGAATGAGATGAGATAGCTCAGGTCCGG	Hs.437058	6337	0.8481125	0.40310937	0.008534531			1.097	0.98902108	0.048227223	0.7494	0.49921145	0.057561733	1.29995	0.52399224	0.015719984			
STAT6	NM_003153_bp1878_R	AGCTAAAAGGCTGATCATTGGCTTCATCATCTCTTGAATGATGAAGCCAATGATCAGCCGG	Hs.54518	7375	1.1330625	0.38150741	0.002165265			0.8059875	0.59291458	0.025889692									
STAT6	NM_003153_bp1878_R	AGCTAAAAGGCTGATCATTGGCTTCATCATCTCTTGAATGATGAAGCCAATGATCAGCCGG	Hs.54518	12751	1.3658875	0.15226649	0.000203017			0.7736375	0.46485763	0.018618679									
STAT6	NM_003153_bp1878_R	AGCTAAAAGGCTGATCATTGGCTTCATCATCTCTTGAATGATGAAGCCAATGATCAGCCGG	Hs.54518	1999	-1.1648						1.5184										
STAT6	NM_003153_bp2618_R	AGCTAAAAGGACCTTGGATTGGTGAAGACTCTCTTGAAGCTCTCACCAATCCAAGTGCCGG	Hs.54518	2001	2.3952875	0.76986731	0.00070837			0.403283333	0.58369006	0.249718428									
STAT6	NM_003153_bp2618_R	AGCTAAAAGGACCTTGGATTGGTGAAGACTCTCTTGAAGCTCTCACCAATCCAAGTGCCGG	Hs.54518	12753	3.3421375	1.12323943	0.000710607			0.0485	0.51180389	0.898848182									
STAT6	NM_003153_bp2618_R	AGCTAAAAGGACCTTGGATTGGTGAAGACTCTCTTGAAGCTCTCACCAATCCAAGTGCCGG	Hs.54518	7377	3.1219						-0.4978										
STAT6	NM_003153_bp557_R	AGCTAAAAGTGGCCACTTTCAGACAAATATCTCTTGAATATTTGTCTGAAAGTGGCCACGG	Hs.54518	962	2.7384375	1.05712614	0.001376744			0.1321875	0.13443833	0.504108697	0.464225	0.35429081	0.07896152	0.974625	0.26234827	0.005045251			
STAT6	NM_003153_bp557_R	AGCTAAAAGTGGCCACTTTCAGACAAATATCTCTTGAATATTTGTCTGAAAGTGGCCACGG	Hs.54518	6338	2.7943375	1.12411633	0.00162009			0.1135625	0.10883882	0.559820399	0.568475	0.48041822	0.098809941	0.89495	0.22589467	0.004191256			
STAT6	NM_003153_bp557_R	AGCTAAAAGTGGCCACTTTCAGACAAATATCTCTTGAATATTTGTCTGAAAGTGGCCACGG	Hs.54518	11714	2.4162125	1.03470573	0.002214715			0.1165625	0.08693562	0.54676904	0.652	0.33325639	0.029664957	1.052975	0.25049832	0.003530621			
STK10	NM_005990_bp1532_R	AGCTAAAAGGAGCAGGACTATGGCACCAATCTCTTGAATTGGTACCATAGTCCATGCTCGG	Hs.519756	1755	0.16125	1.14275129	0.740397508	-0.062266667	1.75247174	0.940989339											
STK10	NM_005990_bp1532_R	AGCTAAAAGGAGCAGGACTATGGCACCAATCTCTTGAATTGGTACCATAGTCCATGCTCGG	Hs.519756	12507	-0.284733333	0.82737377	0.491057893	0.70355	1.52134024	0.415251289											
STK10	NM_005990_bp1532_R	AGCTAAAAGGAGCAGGACTATGGCACCAATCTCTTGAATTGGTACCATAGTCCATGCTCGG	Hs.519756	7131	-1.1949																
STK10	NM_005990_bp237_R	AGCTAAAAGCGGCCAAAGTCATTGAAACCTCTCTTGAAGGTTTCAATGACTTTGGCCGCCGG	Hs.519756	1757	0.7855	3.08055303	0.540974289	3.148	0.01866762	0.00240456											
STK10	NM_005990_bp237_R	AGCTAAAAGCGGCCAAAGTCATTGAAACCTCTCTTGAAGGTTTCAATGACTTTGGCCGCCGG	Hs.519756	7133	1.2813	5.35790763	0.564013448	4.28125	0.97517096	0.006516947											
STK10	NM_005990_bp237_R	AGCTAAAAGCGGCCAAAGTCATTGAAACCTCTCTTGAAGGTTTCAATGACTTTGGCCGCCGG	Hs.519756	12509	1.45565	6.15619814	0.568076245	5.2126	2.54289741	0.030254648											
STK10	NM_005990_bp656_R	AGCTAAAAGGTGGTCATGTGTGAGACCATTCTCTTGAAATGGGTCTCACACATGACCACCGG	Hs.519756	7135	-1.1222																
STK11	NM_000455_bp610_R	AGCTAAAAGGTGGATGTGTTATACAACGATCTCTTGAATCGTTGTATAACACATCCACCGG	Hs.515005	128	9.2026			-3.566116667	5.76023214	0.239616465											
STK11	NM_000455_bp610_R	AGCTAAAAGTGGATGTGTTATACAACGATCTCTTGAATCGTTGTATAACACATCCACCGG	Hs.515005	5504	8.3309			-3.615216667	5.87342436	0.241904995											
STK11	NM_000455_bp610_R	AGCTAAAAGGTGGATGTGTTATACAACGATCTCTTGAATCGTTGTATAACACATCCACCGG	Hs.515005	10880				-5.5408375	6.04747124	0.081115146											
STK11	NM_000455_bp995_R	AGCTAAAAGGGGTCACCCCTCTACAACATCTCTTGAAGATGTTGTAGAGGGTGACCCCCGG	Hs.515005	129	3.460925	3.42905972	0.048230731	0.11365													
STK11	NM_000455_bp995_R	AGCTAAAAGGGGTCACCCCTCTACAACATCTCTTGAAGATGTTGTAGAGGGTGACCCCCGG	Hs.515005	5505	1.8542	0.61151212	0.003431362	0.16765													
STK11	NM_000455_bp995_R	AGCTAAAAGGGGTCACCCCTCTACAACATCTCTTGAAGATGTTGTAGAGGGTGACCCCCGG	Hs.515005	10881	1.846766667	0.58381576	0.0030989	0.453475	0.53234534	0.292621923											
STK16	NM_003691_bp1014_R	AGCTAAAAGCCAAACATACTACCCAAATTGTCTCTTGAACAATTTGGGTAGTATGTTGGCGG	Hs.153003	372	-0.32845	0.08266078	0.26139985	-0.139275	0.10221229	0.622257434				0.06895

STK22D	NM_032028_bp161_R	AGCTAAAAGGCTACCTCCTGGGGATAAATTCTCTTGAAATTTATCCCCAGGAGGTAGCCGG	Hs.519507	12733	0.760325	0.33827244	0.008993347	0.18285	0.288608	0.348366972						
STK22D	NM_032028_bp868_R	AGCTAAAAAGGACCTCATCTACCACATGCTTCTCTTGAAAGCATGTGGTAGATGAGGTCCGG	Hs.519507	732	-0.194075	0.41445171	0.389123949	-0.6245	0.20817254	0.012303677						
STK22D	NM_032028_bp868_R	AGCTAAAAAGGACCTCATCTACCACATGCTTCTCTTGAAAGCATGTGGTAGATGAGGTCCGG	Hs.519507	6108	-0.09675	0.48138398	0.687189461	-0.494775	0.17667166	0.023971405						
STK22D	NM_032028_bp868_R	AGCTAAAAAGGACCTCATCTACCACATGCTTCTCTTGAAAGCATGTGGTAGATGAGGTCCGG	Hs.519507	11484	-0.0399	0.45194341	0.861573708	-0.410375	0.23581079	0.056677573						
STK23	NM_014370_bp1345_R	AGCTAAAAAGAGGACCACATCGCTCACATATCTCTTGAATATGTGAGCGATGTGGTCCTCGG	Hs.104865	5831	-1.301425	3.39449085	0.368957194	0.721433333	1.4115243	0.330288266						
STK23	NM_014370_bp1345_R	AGCTAAAAAGAGGACCACATCGCTCACATATCTCTTGAATATGTGAGCGATGTGGTCCTCGG	Hs.104865	455	5.15235			-0.09615	4.79326474	0.967781415						
STK23	NM_014370_bp1345_R	AGCTAAAAAGAGGACCACATCGCTCACATATCTCTTGAATATGTGAGCGATGTGGTCCTCGG	Hs.104865	11207	5.48575			-0.7935	5.61584206	0.777631914						
STK23	NM_014370_bp340_R	AGCTAAAAGGCCCTCAAAGTGGTGAAGAGTTCTCTTGAAACTCTTCACCACTTTGAGGGCCGG	Hs.104865	5832	-1.107775	0.53964236	0.006278702	-1.682433333	3.50505559	0.343929388						
STK23	NM_014370_bp340_R	AGCTAAAAGGCCCTCAAAGTGGTGAAGAGTTCTCTTGAAACTCTTCACCACTTTGAGGGCCGG	Hs.104865	11208	-1.39075	0.48987226	0.001741537	-1.6755	3.95552124	0.396111441						
STK23	NM_014370_bp340_R	AGCTAAAAGGCCCTCAAAGTGGTGAAGAGTTCTCTTGAAACTCTTCACCACTTTGAGGGCCGG	Hs.104865	456	-0.399475	0.28450441	0.225326108	1.5292								
STK23	NM_014370_bp534_R	AGCTAAAAAGTCCTCAAATGGATCATCAATCTCTTGAATTGATGATCCATTTGAAGGAGCGG	Hs.104865	1612	-4.935875	0.82685532	0.001211653	2.7167								
STK23	NM_014370_bp534_R	AGCTAAAAAGTCCTCAAATGGATCATCAATCTCTTGAATTGATGATCCATTTGAAGGAGCGG	Hs.104865	6988	-5.689525	1.4061879	0.002668988	2.7572								
STK23	NM_014370_bp534_R	AGCTAAAAAGTCCTCAAATGGATCATCAATCTCTTGAATTGATGATCCATTTGAAGGAGCGG	Hs.104865	12364	-5.825925	1.58381312	0.003369509	2.8148								
STK24	NM_003576_bp494_R	AGCTAAAAAGGCTCCGCACTAGATCTATTATCTCTTGAATAATAGATCTAGTGCCGAGCCCGG	Hs.508514	1604	-0.8404			-0.5439	0.95148289	0.363211421						
STK24	NM_003576_bp494_R	AGCTAAAAAGGCTCCGCACTAGATCTATTATCTCTTGAATAATAGATCTAGTGCCGAGCCCGG	Hs.508514	6980	-0.8294			-0.49095	0.90516739	0.389374713						
STK24	NM_003576_bp494_R	AGCTAAAAAGGCTCCGCACTAGATCTATTATCTCTTGAATAATAGATCTAGTGCCGAGCCCGG	Hs.508514	12356	-0.928			-0.5038	1.07381236	0.431371607						
STK24	NM_003576_bp934_R	AGCTAAAAAGGAGGCCTGTTTGAATAAGGATCTCTTGAATCCTTATTCAAACAGGCCTCCGG	Hs.508514	363	1.889225	0.77571613	0.002151672	0.4065875	0.19285183	0.048336353		-0.0316		0.10215	0.06908433	0.28397756
STK24	NM_003576_bp934_R	AGCTAAAAAGGAGGCCTGTTTGAATAAGGATCTCTTGAATCCTTATTCAAACAGGCCTCCGG	Hs.508514	5739	1.99875	0.7698114	0.001623822	0.4516375	0.25198656	0.045868373		-0.1105		0.40535	0.23143605	0.244279668
STK24	NM_003576_bp934_R	AGCTAAAAAGGAGGCCTGTTTGAATAAGGATCTCTTGAATCCTTATTCAAACAGGCCTCCGG	Hs.508514	11115	1.98575	0.85204599	0.002462707	0.4743875	0.31195438	0.053482304		-0.0163		0.153966667	0.12580073	0.168127847
STK24	NM_003576_bp966_R	AGCTAAAAAGACCCACTGCTAAGGAGTTATTCTCTTGAAATAACTCCTTAGCAGTGGGTCGG	Hs.508514	364	-0.75335	0.3250092	0.008616011	-0.4074375	0.1377837	0.03856161		-0.6324	0.11169082	0.010238123	-0.4075	0.08004449	0.087861621
STK24	NM_003576_bp966_R	AGCTAAAAAGACCCACTGCTAAGGAGTTATTCTCTTGAAATAACTCCTTAGCAGTGGGTCGG	Hs.508514	5740	-0.576775	0.30016253	0.020928638	-0.2922375	0.08342183	0.086209245		-0.263	0.0592504	0.01650046	-0.339125	0.11529083	0.009800752
STK24	NM_003576_bp966_R	AGCTAAAAAGACCCACTGCTAAGGAGTTATTCTCTTGAAATAACTCCTTAGCAGTGGGTCGG	Hs.508514	11116	-0.568725	0.33988955	0.027218945	-0.3494625	0.11905427	0.057629608		-0.394625	0.13748531	0.010497274	-0.3071	0.15042263	0.026536267
STK25	NM_006374_bp384_R	AGCTAAAAAGGAGATGAGATCGAGGACATCTCTCTTGAAGATGTCCTCGATCTCATCCTCGG	Hs.516807	532	3.093316667	2.55117388	0.04225346	1.2954								
STK25	NM_006374_bp384_R	AGCTAAAAAGGAGATGAGATCGAGGACATCTCTCTTGAAGATGTCCTCGATCTCATCCTCGG	Hs.516807	5908	2.494425	3.22041181	0.102753879	-0.8066	3.5368067	0.655420162						
STK25	NM_006374_bp384_R	AGCTAAAAAGGAGATGAGATCGAGGACATCTCTCTTGAAGATGTCCTCGATCTCATCCTCGG	Hs.516807	11284	2.2586	2.71392604	0.08556874	-1.637366667	3.2848465	0.328489211						
STK25	NM_006374_bp779_R	AGCTAAAAAGCAGTCGGCCTACGACTTCAATCTTTGAATTGAAGTCGTAGGCCCGACTGCGGG	Hs.516807	5909	-0.044325	0.90079813	0.009672141	-0.03375	2.44383175	0.978208684						
STK25	NM_006374_bp779_R	AGCTAAAAAGCAGTCGGCCTACGACTTCAATCTTTGAATTGAAGTCGTAGGCCCGACTGCGGG	Hs.516807	11285	-0.551225	0.26406903	0.122944831									
STK25	NM_006374_bp957_R	AGCTAAAAAGAGGCCTGCCTCAACAAAGACTCTCTTGAAGTCTTTGTTGAGGCAGGCCTCGG	Hs.516807	1855	1.082	4.87189501	0.625524868	-4.7289								
STK25	NM_006374_bp957_R	AGCTAAAAAGAGGCCTGCCTCAACAAAGACTCTCTTGAAGTCTTTGTTGAGGCAGGCCTCGG	Hs.516807	7231	3.283075	5.14628258	0.160428086	-7.216								
STK25	NM_006374_bp957_R	AGCTAAAAAGAGGCCTGCCTCAACAAAGACTCTCTTGAAGTCTTTGTTGAGGCAGGCCTCGG	Hs.516807	12607	3.548525	5.14229075	0.134866524	-8.0188								
STK29	NM_003957_bp1934_R	AGCTAAAAAGGCGAAGAAGTCCTGGTTTGGTCTCTTGAACCAAACCAGGACTTCTTCGCCGG	Hs.170819	12444				7.0798								
STK29	NM_003957_bp1934_R	AGCTAAAAAGGCGAAGAAGTCCTGGTTTGGTCTCTTGAACCAAACCAGGACTTCTTCGCCGG		1692												
STK29	NM_003957_bp1979_R	AGCTAAAAAGGAGCAGATCTTCGTGGTCATTCTCTTGAAATGACCACGAAGATCTGCTCCGG	Hs.170819	231	-0.2461	0.06448814	0.375632201	-0.6733625	0.61347349	0.07306322						
STK29	NM_003957_bp1979_R	AGCTAAAAAGGAGCAGATCTTCGTGGTCATTCTCTTGAAATGACCACGAAGATCTGCTCCGG	Hs.170819	5607	-0.15895	0.11886465	0.556095607	-0.6567625	0.60045648	0.069641974						
STK29	NM_003957_bp1979_R	AGCTAAAAAGGAGCAGATCTTCGTGGTCATTCTCTTGAAATGACCACGAAGATCTGCTCCGG	Hs.170819	10983	-0.02245	0.17175624	0.913014709	-0.6222125	0.66524997	0.099619974				0.0376		
STK29	NM_003957_bp684_R	AGCTAAAAAGTGGTGAGCTCTTCGACTACTCTCTTGAAGTAGTCGAAGAGCTCACCACCGG	Hs.170819	1694	0.9186	2.26335959	0.002521467	1.4842875	0.57460412	0.003623967						
STK29	NM_003957_bp684_R	AGCTAAAAAGGTGGTGAGCTCTTCGACTACTCTCTTGAAGTAGTCGAAGAGCTCACCACCGG	Hs.170819	7070	0.943425	0.2759686	0.002431201	0.8410625	1.75910094	0.306675456						
STK29	NM_003957_bp684_R	AGCTAAAAAGTGGTGAGCTCTTCGACTACTCTCTTGAAGTAGTCGAAGAGCTCACCACCGG	Hs.170819	12446	0.91345	0.23597679	0.002172458	1.6475375	0.38884426	0.000775822						
STK3	NM_006281_bp286_R	AGCTAAAAAGGTCAAGTTGTCGCAATTAAATCTCTTGAATTTAATTGCGACAACTTGACCGG	Hs.492333	5884	2.163425	1.54284507	0.016404862	-0.530033333	2.34290857	0.63970384						
STK3	NM_006281_bp286_R	AGCTAAAAAGGTCAAGTTGTCGCAATTAAATCTCTTGAATTTAATTGCGACAACTTGACCGG	Hs.492333	11260	2.0487	1.60758017	0.023187359	-0.5343	3.22355011	0.727927283						
STK3	NM_006281_bp286_R	AGCTAAAAAGGTTGTCGCAATTAAATCTCTTGAATTTAATTGCGACAACTTGACCGG	Hs.492333	508	2.2599			-1.0389	2.84177424	0.459517883						
STK3	NM_006281_bp640_R	AGCTAAAAAGCTGGTCAGTTAACAGATACATCTCTTGAATGTATCTGTTAACTGACCAGCGG	Hs.492333	1815	-0.787733333	5.37125422	0.737738514	-0.5742	5.45547369	0.823369306						
STK3	NM_006281_bp640_R	AGCTAAAAAGCTGGTCAGTTAACAGATACATCTCTTGAATGTATCTGTTAACTGACCAGCGG	Hs.492333	7191	-0.907533333	5.79206553	0.720714962	-1.663533333	7.73074374	0.651777062						
STK3	NM_006281_bp640_R	AGCTAAAAAGCTGGTCAGTTAACAGATACATCTCTTGAATGTATCTGTTAACTGACCAGCGG	Hs.492333	12567	-1.4707	5.69115021	0.561214235	-1.464533333	7.56692071	0.683909556						
STK3	NM_006281_bp979_R	AGCTAAAAAGCCAAACCTGTATCAATATTATCTCTTGAATAATATTGATACAGGTTTGGCGG	Hs.492333	509	-0.1357	0.67426632	0.660578044	0.673366667	0.74112905	0.149016338						
STK3	NM_006281_bp979_R	AGCTAAAAAGCCAAACCTGTATCAATATTATCTCTTGAATAATATTGATACAGGTTTGGCGG	Hs.492333	5885	0.091775	0.61292697	0.747695416	0.899566667	0.93113084	0.120508111						
STK3	NM_006281_bp979_R	AGCTAAAAAGCCAAACCTGTATCAATATTATCTCTTGAATAATATTGATACAGGTTTGGCGG	Hs.492333	11261	-0.3361	0.84094277	0.380821643	0.82	0.78629977	0.107970163						
STK31	NM_032944_bp1349_R	AGCTAAAAAGAGCGCTCTTCTTGAAAGTTATTCTCTTGAATAAACTTTCAAGAAGAGCGTCGG	Hs.309767	591	-0.1807	0.0697861	0.229479424	-0.669575	0.19026011	0.008625276						
STK31	NM_032944_bp1349_R	AGCTAAAAAGAGCGCTCTTCTTGAAAGTTATTCTCTTGAATAAACTTTCAAGAAGAGCGTCGG	Hs.309767	5967	-0.094375	0.26635768	0.592736551	-0.193275	0.08173561	0.213019432						
STK31	NM_032944_bp1349_R	AGCTAAAAAGAGCGCTCTTCTTGAAAGTTATTCTCTTGAATAAACTTTCAAGAAGAGCGTCGG	Hs.309767	11343	0.1155	0.67246245	0.707208254	-0.2349	0.4722257	0.362669824						
STK31	NM_032944_bp542_R	AGCTAAAAAGCCCAGAGTATCAATAGAAATCTCTTGAAATTTCTATTGATACTCTGGGCGG	Hs.309767	592	-0.716275	0.12166211	0.003421341	-0.678725	0.29730111	0.014942743						
STK31	NM_032944_bp542_R	AGCTAAAAAGCCCAGAGTATCAATAGAAATCTCTTGAAATTTCTATTGATACTCTGGGCGG	Hs.309767	5968	-0.759925	0.09904314	0.002417038	-0.613575	0.29300958	0.020830008						
STK31	NM_032944_bp542_R	AGCTAAAAAGCCCAGAGTATCAATAGAAATCTCTTGAAATTTCTATTGATACTCTGGGCGG	Hs.309767	11344	-0.79615	0.06776924	0.001780886	-0.550125	0.29244968	0.030009086						
STK32A	NM_145001_bp506_R	AGCTAAAAAGGTGGAGACCTGCGTTATCACTCTCTTGAAGTGATAACGCAGGTCTCCACCGG	Hs.352370	2169	-0.23715	0.21992906	0.185874443	-0.859525	0.73038014	0.0507977						
STK32A	NM_145001_bp506_R	AGCTAAAAAGGTGGAGACCTGCGTTATCACTCTCTTGAAGTGATAACGCAGGTCTCCACCGG	Hs.352370	7545	-0.050475	0.77795779	0.88350324	-0.678525	0.64015915	0.072220403						
STK32A	NM_145001_bp506_R	AGCTAAAAAGGTGGAGACCTGCGTTATCACTCTCTTGAAGTGATAACGCAGGTCTCCACCGG	Hs.352370	12921	-0.503466667	0.10011096	0.042587568	-0.202125	0.43758749	0.405609457						
STK32A	NM_145001_bp535_R	AGCTAAAAAGAACGTCCACTTCAAGGAAGATCTCTTGAATCTTCCTTGAAGTGGACGTTCGG	Hs.352370	2171	-0.66375	0.898316	0.133152552	0.0517	1.39722561	0.933369036						
STK32A	NM_145001_bp535_R	AGCTAAAAAGAACGTCCACTTCAAGGAAGATCTCTTGAATCTTCCTTGAAGTGGACGTTCGG	Hs.352370	7547	-1.00005	0.91593694	0.045157751	0.1662	1.32747124	0.778770985						
STK32A	NM_145001_bp535_R	AGCTAAAAAGAACGTCCACTTCAAGGAAGATCTCTTGAATCTTCCTTGAAGTGGACGTTCGG	Hs.352370	12923	-0.79645	0.85098549	0.073862764	-0.028425	1.33711668	0.96176359						
STK32A	NM_145001_bp8_R	AGCTAAAAAGCTCTTGGAGTTCTTCTCTTATCTCTTGAATAAGAGAAGACTCCAAGAGCGG	Hs.352370	689	-0.51725	0.17595032	0.0164618	0.08635	0.16603264	0.582214176						
STK32A	NM_145001_bp8_R	AGCTAAAAAGCTCTTGGAGTTCTTCTCTTATCTCTTGAATAAGAGAAGACTCCAAGAGCGG	Hs.352370	6065	0.00165	0.46682634	0.994309694	0.4571	0.25430033	0.044700357						
STK32A	NM_145001_bp8_R	AGCTAAAAAGCTCTTGGAGTTCTTCTCTTATCTCTTGAATAAGAGAAGACTCCAAGAGCGG	Hs.352370	11441	0.31175	0.76463472	0.378271353	0.3698	0.22838924	0.073651338						
STK32B	NM_018401_bp1117_R	AGCTAAAAAGCAGCACTGTTTGGAGACTGTTCTCTTGAAACAGTCTCCAAACAGTGCTGCGG	Hs.133062	1804	0.88185	0.53682766	0.01536628	0.242725	0.58595034	0.417128846						
STK32B	NM_018401_bp1117_R	AGCTAAAAAGCAGCACTGTTTGGAGACTGTTCTCTTGAAACAGTCTCCAAACAGTGCTGCGG	Hs.133062	7180	0.52615	0.32443159	0.032881625	0.506	0.69131568	0.170457083						
STK32B	NM_018401_bp1117_R	AGCTAAAAAGCAGCACTGTTTGGAGACTGTTCTCTTGAAACAGTCTCCAAACAGTGCTGCGG	Hs.133062	12556	-0.207625	1.14364343	0.671071158	0.634425	0.95051492	0.187982779						
STK32B	NM_018401_bp752_R	AGCTAAAAAGTCACGCCCATCGATGAAATCTCTCTTGAAGATTTCATCGATGGGCGTGACGG	Hs.133062	585	-0.205525	0.59088882	0.469067828	-0.630235	0.33363076	0.021313306						
STK32B	NM_018401_bp752_R	AGCTAAAAAGTCACGCCCATCGATGAAATCTCTCTTGAAGATTTCATCGATGGGCGTGACGG	Hs.133062	5961	-0.114075	0.5432599	0.663141599	-0.655425	0.22820594	0.011484902						
STK32B	NM_018401_bp752_R	AGCTAAAAAGTCACGCCCATCGATGAAATCTCTCTTGAAGATTTCATCGATGGGCGTGACGG	Hs.133062	11337	-0.208675	0.6296298	0.483108005	-0.538325	0.32239986	0.037487951						
STK32B	NM_018401_bp875_R	AGCTAAAAAGTCCAGCCTTCATGACATATCTCTTGAATATGTCATGAAGGCTGGACACGGG	Hs.133062	586	-0.288475	0.15495428	0.098695899	-0.110975	0.40193378	0.62022824						
STK32B	NM_018401_bp875_R	AGCTAAAAAGTGTCCAGCCTTCATGACATATCTCTTGAATATGTCATGAAGGCTGGACACGGG	Hs.133062	5962	-0.27455	0.05630752	0.090326149	0.0028	0.30729464	0.988254741						
STK32B	NM_018401_bp875_R	AGCTAAAAAGTGTCCAGCCTTCATGACATATCTCTTGAATATGTCATGAAGGCTGGACACGGG	Hs.133062	11338	-0.056225	0.07086176	0.688242257	0.1023	0.37017168	0.631021691						
STK32C	NM_173575_bp374_R	AGCTAAAAGAGGCCGGTGTTTGACGACAATCTCTTGAATTGTCGTCAAACACCGGCCTCGGG	Hs.469002	2269	-0.6508	2.24027488	0.083603774	-0.214233333	0.54803495	0.406239577						
STK32C	NM_173575_bp374_R	AGCTAAAAGAGGCCGGTGTTTGACGACAATCTCTTGAATTGTCGTCAAACACCGGCCTCGGG	Hs.469002	13021				-0.286225	0.37586166	0.219037258						
STK32C	NM_173575_bp374_R	AGCTAAAAGAGGCCGGTGTTTGACGACAATCTCTTGAATTGTCGTCAAACACCGGCCTCGGG	Hs.469002	7645												
STK32C	NM_173575_bp399_R	AGCTAAAAAGACGTGAACTTCCACCACCTTCTCTCTTGAAGAAGTTGTCGAAGTTCACGTCGG	Hs.469002	7647	-0.0438			-0.906375	0.65001028	0.031891431						
STK32C	NM_173575_bp399_R	AGCTAAAAAGACGTGAACTTCCACCACCTTCTCTCTTGAAGAAGTTGTCGAAGTTCACGTCGG	Hs.469002	13023	0.0578			-0.75525	0.87409129	0.109613479						
STK32C	NM_173575_bp399_R	AGCTAAAAAGACGTGAACTTCCACCACCTTCTCTCTTGAAGAAGTTGTCGAAGTTCACGTCGG	Hs.469002	2271	-0.2387			-0.9092	1.69057113	0.304753005						
STK32C	NM_173575_bp602_R	AGCTAAAAAGAACCTCTGGTACTCCTTCCATCTCTTGAATGGAAGGAGTACCAGAGGTTCGG	Hs.469002	7649	4.72											
STK32C	NM_173575_bp602_R	AGCTAAAAAGAACCTCTGGTACTCCTTCCATCTCTTGAATGGAAGGAGTACCAGAGGTTCGG	Hs.469002	13025												
STK33	NM_030906_bp1425_R	AGCTAAAAGCCAGCAGTGTGACATTTGGATCTCTTGAATCCAAATGTCACACTGCTGGCGG	Hs.501833	12693	5.2313											
STK33	NM_030906_bp1451_R	AGCTAAAAAGGCGTCGTAATGTACATGTTATCTCTTGAATAACATGTACATTACGACGCCGG	Hs.501833	6083	0.748475	0.24310252	0.005383018	0.1447	0.46328803	0.558172735						
STK33	NM_030906_bp1451_R	AGCTAAAAAGGCGTCGTAATGTACATGTTATCTCTTGAATAACATGTACATTACGACGCCGG	Hs.501833	11459	0.866525	0.34242195	0.00538173	0.207475	0.48477784	0.424345755						
STK33	NM_030906_bp1451_R	AGCTAAAAGCCGTGAATGTACATGTTATCTCTTGAATAACATGTACATTACGACGCCGG	Hs.501833	707	0.81445	0.66269038	0.036224767	0.3172								
STK33	NM_030906_bp848_R	AGCTAAAAAGGAGCTGCTATTGAGGAAATCTCTCTTGAAGATTTCCTCAATAGCAGCTCCGG	Hs.501833	708	1.9342											
STK33	NM_030906_bp848_R	AGCTAAAAAGGAGCTGCTATTGAGGAAATCTCTCTTGAAGATTTCCTCAATAGCAGCTCCGG	Hs.501833	6084												
STK33	NM_030906_bp848_R	AGCTAAAAAGGAGCTGCTATTGAGGAAATCTCTCTTGAAGATTTCCTCAATAGCAGCTCCGG	Hs.501833	11460												
STK35	NM_080836_bp1152_R	AGCTAAAAAGCCTGATGCCTTTGAACTTGATCTTCTTGAATCAAGTTCAAAGGCATCAGGCGG	Hs.100057	620	-1.3869											
STK35	NM_080836_bp1152_R	AGCTAAAAAGCCTGATGCCTTTGAACTTGATCTTCTTGAATCAAGTTCAAAGGCATCAGGCGG	Hs.100057	5996												
STK35	NM_080836_bp1152_R	AGCTAAAAAGCCTGATGCCTTTGAACTTGATCTTCTTGAATCAAGTTCAAAGGCATCAGGCGG	Hs.100057	11372												
STK35	NM_080836_bp559_R	AGCTAAAAAGGTGGAGACCTGAATCAGTATTTCTTGAAATACTGATTCAGGTCTCCACCGG	Hs.100057	621	0.4744	0.82380864	0.27411431	-0.143975	0.44707301	0.550955259						
STK35	NM_080836_bp559_R	AGCTAAAAAGGTGGAGACCTGAATCAGTATTTCTTGAAATACTGATTCAGGTCTCCACCGG	Hs.100057	5997	0.437	0.78746693	0.293222861	-0.087525	0.33762209	0.664564196						
STK35	NM_080836_bp559_R	AGCTAAAAAGGTGGAGACCTGAATCAGTATTTCTTGAAATACTGATTCAGGTCTCCACCGG	Hs.100057	11373	0.8481	1.30675279	0.164692676	-0.06635	0.52320206	0.802114683						
STK35	NM_080836_bp640_R	AGCTAAAAAGCCATTGCCTTCCTGCACAAATCTCTTGAATTTGTGCACGAAGGCAATGGCGG	Hs.100057	622	-0.68935	0.12748612	0.004136782	-0.380375	0.28988108	0.088014546						
STK35	NM_080836_bp640_R	AGCTAAAAAGCCATTGCCTTCCTGCACAAATCTCTTGAATTTGTGCACGAAGGCAATGGCGG	Hs.100057	5998	-0.582025	0.24956847	0.015366566	0.165125	0.34403634	0.43043581						
STK35	NM_080836_bp640_R	AGCTAAAAAGCCATTGCCTTCCTGCACAAATCTCTTGAATTTGTGCACGAAGGCAATGGCGG	Hs.100057	11374	-0.242525	0.47109244	0.327055823	0.23775	0.3085012	0.250519625						
STK36	NM_015690_bp1118_R	AGCTAAAAAGCATCTTGACTCAGGCCTATATCTCTTGAATATAGGCCTGAGTCAAGATGCGG	Hs.471404	541	-0.521175	1.43950651	0.403467359	-0.238333333	3.00511768	0.8669541						
STK36	NM_015690_bp1118_R	AGCTAAAAAGCATCTTGACTCAGGCCTATATCTCTTGAATATAGGCCTGAGTCAAGATGCGG	Hs.471404	5917	-0.75305	1.89206962	0.357159442	-0.1915	2.85082996	0.887194088						
STK36	NM_015690_bp1118_R	AGCTAAAAAGCATCTTGACTCAGGCCTATATCTCTTGAATATAGGCCTGAGTCAAGATGCGG	Hs.471404	11293	-0.812975	1.54674098	0.241225418	-0.637633333	3.34112339	0.689519928						
STK36	NM_015690_bp1970_R	AGCTAAAAAGGGACAGCCTTATGTGCTTTATCTCTTGAATAAAGCACATAAGGCTGTCCCGG	Hs.471404	542	0.91575	1.33808803	0.144775488	0.2803	0.56622721	0.799088638						
STK36	NM_015690_bp1970_R	AGCTAAAAAGGGACAGCCTTATGTGCTTTATCTCTTGAATAAAGCACATAAGGCTGTCCCGG	Hs.471404	5918	0.865975	1.25585051	0.145276616	2.144466667	1.54672105	0.044119581						
STK36	NM_015690_bp1970_R	AGCTAAAAAGGGACAGCCTTATGTGCTTTATCTCTTGAATAAAGCACATAAGGCTGTCCCGG	Hs.471404	11294	0.660375	1.57232293	0.336508375	0.157966667	2.38443782	0.889157291						
STK36	NM_015690_bp982_R	AGCTAAAAAGCTGGTCATGTCACCATATATATCTCTTGAATATTATGGTGACATGACCAGCGG	Hs.471404	543	-0.876666667	0.2559668	0.011132147	-3.516								
STK36	NM_015690_bp982_R	AGCTAAAAAGCTGGTCATGTCACCATATATATCTCTTGAATATTATGGTGACATGACCAGCGG	Hs.471404	5919	-0.464625	1.233302	0.396102844	-4.5685	1.27307505	0.009362897						
STK36	NM_015690_bp982_R	AGCTAAAAAGCTGGTCATGTCACCATATATATCTCTTGAATATTATGGTGACATGACCAGCGG	Hs.471404	11295	-0.53145	1.1341446	0.297400876	-5.7296	2.22130524	0.018037275						
STK38	NM_007271_bp1394_R	AGCTAAAAAGCTCCTGGAGGTAAGGAAATATCTCTTGAATATTTCCCTCAACTCCAGGAGCGG	Hs.409578	403	-0.885	0.37644616	0.006092816	-2.347166667	1.17308182	0.178019215						
STK38	NM_007271_bp1394_R	AGCTAAAAAGCTCCTGGAGGTAAGGAAATATCTCTTGAATATTTCCCTCAACTCCAGGAGCGG	Hs.409578	5779	-0.944425	0.4285823	0.066394037	-2.550266667	3.35104661	0.168539602						
STK38	NM_007271_bp1394_R	AGCTAAAAAGCTCCTGGAGTTGAGGAAATATCTCTTGAATATTTCCCTCAACTCCAGGAGCGG	Hs.409578	11155	-0.948	0.44151222	0.006801258	-2.620066667	3.53285497	0.176700368						
STK38	NM_007271_bp1650_R	AGCTAAAAAGGCAATACCTCTCACATGATCTTGAATCATGTAGGAAGGTATTGCCCCGG	Hs.409578	404	1.58795	1.37920152	0.033914599	-1.8435	2.00250048	0.117135584						
STK38	NM_007271_bp1650_R	AGCTAAAAAGGCAATACCTCTCACATGATCTTGAATCATGTAGGAAGGTATTGCCCCGG	Hs.409578	5780	1.878425	1.41687516	0.020525135	-3.357666667	3.23178174	0.0867826						
STK38	NM_007271_bp1650_R	AGCTAAAAAGGCAATACCTCTCACATGATCTTGAATCATGTAGGAAGGTATTGCCCCGG	Hs.409578	11156	1.806475	1.37975966	0.02159737	-4.496666667	2.14332571	0.012571404						
STK38	NM_007271_bp593_R	AGCTAAAAGTACGGCTGTTCAGAAGAAATCTCTTGAATTTCTTCTGAACAAGCCGTACGG	Hs.409578	405	-0.70125	0.47747339	0.026412149	1.2915	1.29478573	0.103526053						
STK38	NM_007271_bp593_R	AGCTAAAAGTACGGCTGTTCAGAAGAAATCTCTTGAATTTCTTCTGAACAAGCCGTACGG	Hs.409578	5781	-0.92365	0.49692209	0.01038266	1.346033333	1.24530993	0.086626516						
STK38	NM_007271_bp593_R	AGCTAAAAGTACGGCTGTTCAGAAGAAATCTCTTGAATTTCTTCTGAACAAGCCGTACGG	Hs.409578	11157	-0.9067	0.43251242	0.007743125	1.211633333	1.24247922	0.109757473						
STK38L	NM_015000_bp796_R	AGCTAAAAAGTTTCATCATCGGGATATTATCTCTTGAATAATATCCCGATGGATGAAACGG	Hs.184523	1664	5.9522			-8.1753								
STK38L	NM_015000_bp796_R	AGCTAAAAAGTTTCATCATCGGGATATTATCTCTTGAATAATATCCCGATGGATGAAACGG	Hs.184523	7040	7.5623			-8.6778								
STK38L	NM_015000_bp796_R	AGCTAAAAAGTTTCATCATCGGGATATTATCTCTTGAATAATATCCCGATGGATGAAACGG	Hs.184523	12416	7.6997			-7.3036								
STK39	NM_013233_bp1679_R	AGCTAAAAAGGCTGCTAATTTACAGAAGATTCTCTTGAAATCTTCTGTAAATTAGCAGCCGG	Hs.276271	426	-0.1461	1.27865106	0.786405725	-0.938866667	2.21727386	0.400584932						
STK39	NM_013233_bp1679_R	AGCTAAAAAGGCTGCTAATTTACAGAAGATTCTCTTGAAATCTTCTGTAAATTAGCAGCCGG	Hs.276271	5802	-0

STMN1	BX647885_bp1130_R	AGCTAAAAAGGAGTCGTCTTCTATGCAATATCTCTTGAATATTGCATAGAAGACGACTTCCGG	Hs.209983	15506	1.5557375	0.28609317	0.000258153	-0.7364125	0.76018411	0.08609596					0.640925	0.38723591	0.045383463	1.604225	1.14616374	0.067892629
STMN1	BX647885_bp2389_R	AGCTAAAAAGGAGGCACAAATGGCTGCCAAATCTCTTGAATTTGGCAGCCATTTGTGCCTCGG	Hs.209983	4728	0.2355875	0.48128737	0.34604956	-0.3795375	0.60158616	0.23574104					0.104	0.44986554	0.675293203	-0.1064	0.13764299	0.219821376
STMN1	BX647885_bp2389_R	AGCTAAAAAGGAGGCACAAATGGCTGCCAAATCTCTTGAATTTGGCAGCCATTTGTGCCTCGG	Hs.209983	10104	0.2390625	0.38441668	0.279032117	-0.3828875	0.5695098	0.215747					0.1631	0.40725035	0.481709063	-0.025125	0.12820581	0.721280872
STMN1	BX647885_bp2389_R	AGCTAAAAAGGAGCACAAATGGCTGCCAAATCTCTTGAATTTGGCAGCCATTTGTGCCTCGG	Hs.209983	15480	0.2634625	0.41378623	0.256354124	-0.0058125	0.41212349	0.979307643					0.1564	0.4884033	0.56743921	-0.084475	0.15674222	0.360034214
STMN1	BX647885_bp369_R	AGCTAAAAAGTAGCTACACTGTGATTATTATCTCTTGAATAATAATCACAGTGTAGCTACGG	Hs.209983	4726	0.6284625	0.15856793	0.007029396	0.4371875	0.49699118	0.13525449					0.5728	0.51355687	0.111921975	0.898475	0.453588869	0.028723185
STMN1	BX647885_bp369_R	AGCTAAAAAGTAGCTACACTGTGATTATTATCTCTTGAATAATAATCACAGTGTAGCTACGG	Hs.209983	10102	0.6152875	0.16035593	0.007733699	0.4031125	0.52087452	0.172548347					0.5705	0.52499735	0.115355452	0.88315	0.41803146	0.024243484
STMN1	BX647885_bp369_R	AGCTAAAAAGTAGCTACACTGTGATTATTATCTCTTGAATAATAATCACAGTGTAGCTACGG	Hs.209983	15478	0.8834875	0.19443903	0.001959966	0.2218875	0.72169528	0.524321534					0.583375	0.55709454	0.122748371	0.9382	0.42943464	0.022172167
STRBP	NM_018387_bp1148_R	AGCTAAAAAGGATGGCCACTAGAACTTATATCTCTTGAATATAAGTTCTAGTGGCCATTCCGG	Hs.287659	3448	0.31115	0.36092115	0.162728868				-0.0848875	0.56884101	0.762784594		0.4665	0.20462533	0.01977804	1.0419	0.3626278	0.038086498
STRBP	NM_018387_bp1148_R	AGCTAAAAAGGATGGCCACTAGAACTTATATCTCTTGAATATAAGTTCTAGTGGCCATTCCGG	Hs.287659	8824	0.16825	0.43715826	0.464950601				-0.0523125	0.69366759	0.868457976		0.491475	0.30357128	0.0479253	1.0691	0.31845095	0.028324625
STRBP	NM_018387_bp1148_R	AGCTAAAAAGGATGGCCACTAGAACTTATATCTCTTGAATATAAGTTCTAGTGGCCATTCCGG	Hs.287659	14200	-0.0625125	0.36412241	0.261318895				0.1738875	0.32708745	0.4463863		0.5103	0.2857244	0.037499443	1.082066667	0.32704224	0.029125642
STRBP	NM_018387_bp1673_R	AGCTAAAAAGCCCCAGTCTTCACAATGTCTTCTCTTGAAAGACATTGTGAAGACTGGGGCCGG	Hs.287659	3452	-0.20095	0.31641634	0.310088398				-0.6812125	0.24789318	0.014080373		1.07605	0.36091045	0.009435615	0.3193	0.48318234	0.370885906
STRBP	NM_018387_bp1673_R	AGCTAAAAAGCCCCAGTCTTCACAATGTCTTCTCTTGAAAGACATTGTGAAGACTGGGGCCGG	Hs.287659	8828	-0.2581	0.53138509	0.336231915				-0.7085625	0.26299405	0.012514577		1.04195	0.40328556	0.014061019	0.292833333	0.48093244	0.402192572
STRBP	NM_018387_bp1673_R	AGCTAAAAAGCCCCAGTCTTCACAATGTCTTCTCTTGAAAGACATTGTGAAGACTGGGGCCGG	Hs.287659	14204	0.54225	1.15933502	0.297424139				-0.4379625	0.7496716	0.218007288		1.052475	0.3992905	0.013305529	0.274533333	0.37896202	0.336322102
STRBP	NM_018387_bp2088_R	AGCTAAAAAGGAGGCGAGGTCCAAATAAGATCTCTTGAATCTTATTTGGACCTGCGCCTCGG	Hs.287659	3450	-0.4164	0.05827334	0.024651855				0.5350375	0.96220589	0.210920704		0.59025	0.2396285	0.016030425	0.92725	0.28750119	0.007557073
STRBP	NM_018387_bp2088_R	AGCTAAAAAGGAGGCGAGGTCCAAATAAGATCTCTTGAATCTTATTTGGACCTGCGCCTCGG	Hs.287659	8826	-0.404475	0.27493694	0.028247548				0.0324375	0.16517848	0.869471522		0.633125	0.25007555	0.014985472	0.9728	0.33361115	0.0100432
STRBP	NM_018387_bp2088_R	AGCTAAAAAGGAGGCGAGGTCCAAATAAGATCTCTTGAATCTTATTTGGACCTGCGCCTCGG	Hs.287659	14202	-0.32875	0.20800507	0.083161711				0.2128625	0.13326004	0.295752482		0.625125	0.28907414	0.022785462	0.989725	0.4246615	0.018634192
STYK1	NM_018423_bp1508_R	AGCTAAAAAGGACCTCTTCTACAACTATAGTCTCTTGAACTATAGTTGTAGAAGAGGCTCGG	Hs.24979	587	0.509125	0.15396661	0.015856513	-0.2716	0.32640552	0.209361132										
STYK1	NM_018423_bp1508_R	AGCTAAAAAGGACCTCTTCTACAACTATAGTCTCTTGAACTATAGTTGTAGAAGAGGCTCGG	Hs.24979	5963	0.586075	0.18209405	0.010463136	-0.229625	0.36717163	0.303603821										
STYK1	NM_018423_bp1508_R	AGCTAAAAAGGACCTCTTCTACAACTATAGTCTCTTGAACTATAGTTGTAGAAGAGGCTCGG	Hs.24979	11339	0.646175	0.16441047	0.0064458	-0.0783	0.29547042	0.678106707										
STYK1	NM_018423_bp354_R	AGCTAAAAAGGACCCAACTTTGTTGGTTACTTCTCTTGAAAGTAACCAACAAAGTTGGGACGG	Hs.24979	5964	0.1424	0.4011794	0.51215394	-0.27565	0.74795486	0.447628966										
STYK1	NM_018423_bp354_R	AGCTAAAAAGTCCCAACTTTGTTGGTTACTTCTCTTGAAAGTAACCAACAAAGTTGGGACGG	Hs.24979	11340	0.163575	0.43544595	0.475742458	-0.291775	0.66821101	0.382754857										
STYK1	NM_018423_bp354_R	AGCTAAAAAGTCCCAACTTTGTTGGTTACTTCTCTTGAAAGTAACCAACAAAGTTGGGACGG	Hs.24979	588	0.313925	0.53112959	0.252218878	-0.2988	0.74006509	0.464621757										
SUDS3	NM_022491_bp3182_R	AGCTAAAAAGCGGGTGTGTTCCAATATTCATCTCTTGAATGAATATTGGAACACACCCGCGG	Hs.416630	2283	3.3896125	1.72587146	0.004116756				-0.6472375	0.75073736	0.088224532							
SUDS3	NM_022491_bp3182_R	AGCTAAAAAGCGGGTGTGTTCCAATATTCATCTCTTGAATGAATATTGGAACACACCCGCGG	Hs.416630	7659	2.5897125	1.13226706	0.002345237				-0.8845875	0.54708026	0.014893647							
SUDS3	NM_022491_bp3182_R	AGCTAAAAAGCGGGTGTGTTCCAATATTCATCTCTTGAATGAATATTGGAACACACCCGCGG	Hs.416630	13035	3.5784125	1.98611231	0.005822336				-0.7926125	0.67621076	0.036979644							
SUDS3	NM_022491_bp390_R	AGCTAAAAGATGGCAAACTGATATGACTCTCTTGAAGTCATAGTACAGTTTGCCATCGG	Hs.416630	2281	2.7084375	0.28984555	1.79E-05				0.3281125	1.01180954	0.440978393							
SUDS3	NM_022491_bp390_R	AGCTAAAAGATGGCAAACTGATATGACTCTCTTGAAGTCATAGTACAGTTTGCCATCGG	Hs.416630	7657	2.5882625	0.26393714	1.85E-05				0.2510375	0.94940382	0.531743106							
SUDS3	NM_022491_bp390_R	AGCTAAAAGATGGCAAACTGATATGACTCTCTTGAAGTCATAGTACAGTTTGCCATCGG	Hs.416630	13033	2.7131125	0.24458532	1.28E-05				0.2723875	1.00230995	0.51605653							
SUDS3	NM_022491_bp762_R	AGCTAAAAAGCCGGATGCTTCCAACTTTGTTCTCTTGAAACAAAGTTGGAAGCATCCGGCGG	Hs.416630	2285	0.4695625	0.54608185	0.116227302				-0.8911875	0.7030586	0.026275528							
SUDS3	NM_022491_bp762_R	AGCTAAAAAGCCGGATGCTTCCAACTTTGTTCTCTTGAAACAAAGTTGGAAGCATCCGGCGG	Hs.416630	7661	0.4077375	0.59930043	0.184856784				-0.7851875	0.83459499	0.061863156							
SUDS3	NM_022491_bp762_R	AGCTAAAAAGCCGGATGCTTCCAACTTTGTTCTCTTGAAACAAAGTTGGAAGCATCCGGCGG	Hs.416630	13037	0.4501875	0.63113384	0.163856585				-1.0006125	0.73437933	0.018640862							
SUHW3	BC051728_bp1513_R	AGCTAAAAAGGCAACCCCCTACATGAATCATCATCTCTTGAATGATTCATGTAGGGGGTTGCCCGG	Hs.308418	4472	0.11825	0.47870513	0.622813117	0.13705	0.46811425	0.580965209	0.8173	3.09203653	0.506906783							
SUHW3	BC051728_bp1513_R	AGCTAAAAAGGCAACCCCCTACATGAATCATCATCTCTTGAATGATTCATGTAGGGGGTTGCCCGG	Hs.308418	9848	0.243825	0.55336437	0.374110147	-0.227625	0.47852035	0.380339742	1.872733333	1.15857732	0.010735553							
SUHW3	BC051728_bp1513_R	AGCTAAAAAGGCAACCCCCTACATGAATCATCATCTCTTGAATGATTCATGTAGGGGGTTGCCCGG	Hs.308418	15224	0.3781	0.39227479	0.116154285	-0.17315	0.41385545	0.456385906	0.7299	2.0554536	0.390448006							
SUHW3	BC051728_bp1969_R	AGCTAAAAGAGCCTTGCTTTGAAGAACATTTCTCTTGAATCTTGTTCTTCAAAGCAAGGCTCGG	Hs.308418	4470	-0.216275	1.12667668	0.654152546	0.175075	0.20610472	0.31270048	-0.3375	0.47885271	0.392208486							
SUHW3	BC051728_bp1969_R	AGCTAAAAAGAGCCTTGCTTTGAAGAACATTTCTCTTGAATCTTGTTCTTCAAAGCAAGGCTCGG	Hs.308418	9846	-0.089825	0.57406459	0.740810066	0.137475	0.15539837	0.488391432	0.03835	0.15139156	0.908958956							
SUHW3	BC051728_bp1969_R	AGCTAAAAAGAGCCTTGCTTTGAAGAACATTTCTCTTGAATCTTGTTCTTCAAAGCAAGGCTCGG	Hs.308418	15222	-0.151925	0.74380342	0.650261794	-0.07805	0.31135507	0.686437333	-0.1677	0.19784848	0.625799361							
SUHW3	BC051728_bp2212_R	AGCTAAAAAGGACCTAAATGTGATTTCCTTCTCTTGAAGGAAATCACATTTAAGGCACGG	Hs.308418	4474	-0.573766667	0.7975796	0.191086141	-0.168025	0.44256667	0.486965658	-0.008533333	1.06049623	0.985468469							
SUHW3	BC051728_bp2212_R	AGCTAAAAGTGCCTTAAATGTGATTTCCTTCTCTTGAAGGAAATCACATTTAAGGCACGG	Hs.308418	9850	-0.74	1.61845986	0.299025547	-0.2461	0.76900149	0.504436701	-0.0848	1.33419164	0.879885893							
SUHW3	BC051728_bp2212_R	AGCTAAAAAGTGCCTTAAATGTGATTTCCTTCTCTTGAAGGAAATCACATTTAAGGCACGG	Hs.308418	15226	-0.410375	0.64516537	0.203833707	-0.623975	0.4153916	0.03718286	-0.02086667	0.88151366	0.959559914							
SUV39H1	NM_003173_bp1122_R	AGCTAAAAGGAGCTGCACCTTTGATTACAATCTCTTGAATTGTAATCAAAGGTGAGCTCCGG	Hs.522639	3054	0.3852	0.38536124	0.10817090				0.015975	0.50688882	0.951709859							
SUV39H1	NM_003173_bp1122_R	AGCTAAAAGGAGCTCACCTTTGATTACAATCTCTTGAATTGTAATCAAAGGTGAGCTCCGG	Hs.522639	8430	0.408775	0.38367692	0.092243243				0.0983	0.61529439	0.738446538							
SUV39H1	NM_003173_bp1122_R	AGCTAAAAGGAGCTCACCTTTGATTACAATCTCTTGAATTGTAATCAAAGGTGAGCTCCGG	Hs.522639	13806	0.338275	0.36182627	0.135801945				-0.007025	0.48619418	0.97831901							
SUV39H1	NM_003173_bp1254_R	AGCTAAAAGACTGAGTCCTGCCGCAAATATCTCTTGAATATTTGCGGCAGGACTCAGTCGG	Hs.522639	3056	0.800675	0.24616643	0.004117596				0.184825	0.87911833	0.623168632							
SUV39H1	NM_003173_bp1254_R	AGCTAAAAGACTGAGTCCTGCCGCAAATATCTCTTGAATATTTGCGGCAGGACTCAGTCGG	Hs.522639	8432	0.8193	0.26411408	0.004168693				0.1036	0.92478001	0.789401823							
SUV39H1	NM_003173_bp1254_R	AGCTAAAAGACTGAGTCCTGCCGCAAATATCTCTTGAATATTTGCGGCAGGACTCAGTCGG	Hs.522639	13808	0.880375	0.31493246	0.004225952				0.156675	0.79750264	0.654231235							
SUV39H1	NM_003173_bp519_R	AGCTAAAAGGCCTTGGTGATCACATGAATCTCTTGAATCATTGATGTACACGAAGGCCGG	Hs.522639	3052	1.1621	0.36292491	0.001708509				-0.40305	0.43074594	0.136665646							
SUV39H1	NM_003173_bp519_R	AGCTAAAAGGCCTTGGTGATCACATGAATCTCTTGAATCATTGATGTACACGAAGGCCGG	Hs.522639	8428	0.920775	0.5860416	0.016669804				-0.3189	0.17439283	0.144028464							
SUV39H1	NM_003173_bp519_R	AGCTAAAAGGCCTTGGTGATCACATGAATCTCTTGAATCATTGATGTACACGAAGGCCGG	Hs.522639	13804	1.5538	0.40884692	0.000614905				-0.51855	0.78084676	0.164186025							
SUV39H2	024670_bp260_R	AGCTAAAAGATGGCCAGATTCTACAAATATCTCTTGAATATTGTAGAATCTGGCCATCGG	Hs.554883	3133	-0.028325	0.3331368	0.88273334				-0.434725	0.41363275	0.108592664							
SUV39H2	024670_bp260_R	AGCTAAAAGATGGCCAGATTCTACAAATATCTCTTGAATATTGTAGAATCTGGCCATCGG	Hs.554883	8509	-0.17915	0.20277647	0.289274381				-0.323525	0.40504179	0.207574449							
SUV39H2	024670_bp260_R	AGCTAAAAGATGGCCAGATTCTACAAATATCTCTTGAATATTGTAGAATCTGGCCATCGG	Hs.554883	13885	-0.0527	0.49695126	0.82890344				-0.4228	0.34806362	0.09938242							
SUV39H2	024670_bp755_R	AGCTAAAAGTGGTCCTGATTGTCCCAATATCTCTTGAATATTGGGACAATCAGGACCACCGG	Hs.554883	3135	0.5819	0.7409744	0.12319257				-0.3323	0.41429707	0.20049207							
SUV39H2	024670_bp755_R	AGCTAAAAGTGGTCCTGATTGTCCCAATATCTCTTGAATATTGGGACAATCAGGACCACCGG	Hs.554883	8511	1.271325	0.88195307	0.017462009				-0.07285	0.83320426	0.838938831							
SUV39H2	024670_bp755_R	AGCTAAAAGTGGTCCTGATTGTCCCAATATCTCTTGAATATTGGGACAATCAGGACCACCGG	Hs.554883	13887	0.441425	0.343396	0.062888471				-0.2482	0.27916725	0.271049942							
SUV39H2	024670_bp951_R	AGCTAAAAGGGAATCACGTATCTCTTTGATCTCTTGAATCAAAGAGATACGTGATTCCCGG	Hs.554883	3137	-0.884675	0.37059747	0.00588471				-0.331775	0.31023011	0.165349882							
SUV39H2	024670_bp951_R	AGCTAAAAGGGAATCACGTATCTCTTTGATCTCTTGAATCAAAGAGATACGTGATTCCCGG	Hs.554883	8513	-0.836425	0.1905206	0.002446501				-0.33585	0.29593367	0.156705544							
SUV39H2	024670_bp951_R	AGCTAAAAGGGAATCACGTATCTCTTTGATCTCTTGAATCAAAGAGATACGTGATTCCCGG	Hs.554883	13889	-0.749625	0.36063715	0.010875396				-0.1685	0.28455473	0.444177148							
SUV420H1	NM_017635_bp1005_R	AGCTAAAAGCTGCGTTTATAAACCATGATTCTCTTGAAATCATGGTTTATAAACGCAGCGG	Hs.503001	3081	-1.3468	0.11488519	0.000180635				-1.04415	0.36193786	0.00307765							
SUV420H1	NM_017635_bp1005_R	AGCTAAAAGCTGCGTTTATAAACCATGATTCTCTTGAAATCATGGTTTATAAACGCAGCGG	Hs.503001	8457	-1.314225	0.20477958	0.000332743				-1.0117	0.36904691	0.003710805							
SUV420H1	NM_017635_bp1005_R	AGCTAAAAGCTGCGTTTATAAACCATGATTCTCTTGAAATCATGGTTTATAAACGCAGCGG	Hs.503001	13833	-1.413625	0.17443068	0.000195153				-0.973275	0.21788957	0.002414865							
SUV420H1	NM_017635_bp1541_R	AGCTAAAAGCCCTTTACTTTCAAAGATAAATCTCTTGAATTTATCTTTGAAAGTAAAGGCGG	Hs.503001	3079	-1.111275	0.22285109	0.000820016				0.0074	1.48798057	0.989739549							
SUV420H1	NM_017635_bp1541_R	AGCTAAAAGCCCTTTACTTTCAAAGATAAATCTCTTGAATTTATCTTTGAAAGTAAAGGCGG	Hs.503001	8455	-1.128625	0.15493432	0.000509592				-0.021425	1.51991889	0.970860086							
SUV420H1	NM_017635_bp1541_R	AGCTAAAAGCCCTTTACTTTCAAAGATAAATCTCTTGAATTTATCTTTGAAAGTAAAGGCGG	Hs.503001	13831	-0.873	0.33624272	0.005015861				0.386775	1.29893757	0.459663028							
SUV420H1	NM_017635_bp1638_R	AGCTAAAAGAGCCTAAAGTAGTTCTGTATTCTCTTGAAATACAGAACTACTTTAGGCTCGG	Hs.503001	3083	-0.120975	0.10894422	0.414393695				-0.359925	0.21402286	0.114027693							
SUV420H1	NM_017635_bp1638_R	AGCTAAAAGAGCCTAAAGTAGTTCTGTATTCTCTTGAAATACAGAACTACTTTAGGCTCGG	Hs.503001	8459	-0.165925	0.21693268	0.33077826				-0.343975	0.29006231	0.146793933							
SUV420H1	NM_017635_bp1638_R	AGCTAAAAGAGCCTAAAGTAGTTCTGTATTCTCTTGAAATACAGAACTACTTTAGGCTCGG	Hs.503001	13835	-0.152475	0.1510703	0.331563178				-0.3913	0.27559091	0.103469234							
SWAP70	AB014540_bp1067_R	AGCTAAAAAGAGCGACAAATGAAGGAACTCTCTCTTGAAGAGTTCCTTCATTTGTCGCTCGG	Hs.153026	4846	0.3530125	0.2555933	0.082094368	0.6478625	0.41222189	0.032457657										
SWAP70	AB014540_bp1067_R	AGCTAAAAAGAGCGACAAATGAAGGAACTCTCTCTTGAAGAGTTCCTTCATTTGTCGCTCGG	Hs.153026	10222	0.3884625	0.24801711	0.06050149	0.5354875	0.3037406	0.034704192										
SWAP70	AB014540_bp1067_R	AGCTAAAAAGAGCGACAAATGAAGGAACTCTCTCTTGAAGAGTTCCTTCATTTGTCGCTCGG	Hs.153026	15598	0.4130875	0.27906614	0.057601067	0.6447375	0.33739407	0.02236222										
SWAP70	AB014540_bp1679_R	AGCTAAAAAGAAGGATTAATTCGACTGATATCTCTTGAATATCAGTCGAATTAATCCTTCGG	Hs.153026	4842	-0.2936875	0.28977385	0.146574395	0.2712625	0.6953768	0.428411531										
SWAP70	AB014540_bp1679_R	AGCTAAAAAGAAGGATTAATTCGACTGATATCTCTTGAATATCAGTCGAATTAATCCTTCGG	Hs.153026	10218	-0.3120375	0.29435703	0.129686488	0.1947875	0.6425306	0.537910316										
SWAP70	AB014540_bp1679_R	AGCTAAAAAGAAGGATTAATTCGACTGATATCTCTTGAATATCAGTCGAATTAATCCTTCGG	Hs.153026	15594	-0.2704125	0.21443486	0.138502179	0.3013625	0.69547162	0.383006989										
SWAP70	AB014540_bp258_R	AGCTAAAAAGCTACATGCCTTATTTAAACATCTCTTGAATGTTTAAATAAGGCATGTAGCGG	Hs.153026	4844	-0.4233125	0.11056258	0.026504803	-0.5648125	0.46336254	0.062310532										
SWAP70	AB014540_bp258_R	AGCTAAAAAGCTACATGCCTTATTTAAACATCTCTTGAATGTTTAAATAAGGCATGTAGCGG	Hs.153026	10220	-0.4679125	0.16013865	0.022261226	-0.4920625	0.35802599	0.058344256										
SWAP70	AB014540_bp258_R	AGCTAAAAAGCTACATGCCTTATTTAAACATCTCTTGAATGTTTAAATAAGGCATGTAGCGG	Hs.153026	15596	-0.3740625	0.11668473	0.041096331	-0.4892875	0.34273208	0.055302048										
SYK	NM_003177_bp1003_R	AGCTAAAAAGCGGGTGGAATAATCTCAAGATCTCTTGAATCTTGAGATTATTCCACCCGCGG	Hs.371720	1556	0.3775625	0.15187257	0.000242709	3.65525	9.5440236	0.46682183										
SYK	NM_003177_bp1003_R	AGCTAAAAAGCGGGTGGAATAATCTCAAGATCTCTTGAATCTTGAGATTATTCCACCCGCGG	Hs.371720	6932				3.7068	9.45769462	0.45769487										
SYK	NM_003177_bp1003_R	AGCTAAAAAGCGGGTGGAATAATCTCAAGATCTCTTGAATCTTGAGATTATTCCACCCGCGG	Hs.371720	12308				3.29105	8.73269804	0.473299694										
SYK	NM_003177_bp2022_R	AGCTAAAAAGCTGCGCAATTACTACTATGATCTCTTGAATCATAGTAGTAATTGCGCAGCGG	Hs.371720	319	-0.8511	0.18630894	0.002209766	0.3309625	0.19787497	0.087852724										
SYK	NM_003177_bp2022_R	AGCTAAAAAGCTGCGCAATTACTACTATGATCTCTTGAATCATAGTAGTAATTGCGCAGCGG	Hs.371720	5695	-0.84535	0.19784227	0.002432709	0.3507875	0.18715398	0.072254158										
SYK	NM_003177_bp2022_R	AGCTAAAAAGCTGCGCAATTACTACTATGATCTCTTGAATCATAGTAGTAATTGCGCAGCGG	Hs.371720	11071	-0.783833333	0.23916775	0.015278991	0.2311125	0.20249321	0.198296816										
SYNE1	NM_182961_bp13799_R	AGCTAAAAAGCTCCTGAAATCGCTATAAAATCTCTTGAATTTATAAGCGATTTCAGGAGCGG	Hs.12967	3564	-0.402433333	0.14593511	0.085326342				-0.2603	0.50600561	0.506295148							
SYNE1	NM_182961_bp13799_R	AGCTAAAAAGCTCCTGAAATCGCTATAAAATCTCTTGAATTTATAAGCGATTTCAGGAGCGG	Hs.12967	8940	-0.4959	0.19490679	0.021071402				-0.47705	0.36705913	0.227598237							
SYNE1	NM_182961_bp13799_R	AGCTAAAAAGCTCCTGAAATCGCTATAAAATCTCTTGAATTTATAAGCGATTTCAGGAGCGG	Hs.12967	14316	-0.157	0.76275605	0.646464597				-0.19758333	0.35899917	0.484230666							
SYNE1	NM_182961_bp2168_R	AGCTAAAAAGCTGAAGTCTTGGATCATTAATCTCTTGAATTAATGATCCAAGACTTCAGCGG	Hs.12967	3566	-0.191775	0.22067633	0.27060477				-0.0094875	0.40792712	0.968431647							
SYNE1	NM_182961_bp2168_R	AGCTAAAAAGCTGAAGTCTTGGATCATTAATCTCTTGAATTAATGATCCAAGACTTCAGCGG	Hs.12967	8942	-0.057625	0.19612627	0.716465658				0.1508625	0.55134278	0.58866921							
SYNE1	NM_182961_bp2168_R	AGCTAAAAAGCTGAAGTCTTGGATCATTAATCTCTTGAATTAATGATCCAAGACTTCAGCGG	Hs.12967	14318	-0.1133	0.25590462	0.517486787				0.1677375	0.50032966	0.529364735							
SYNE1	NM_182961_bp4856_R	AGCTAAAAAGAGGCCAAGTCAATCAAAGATCTCTTGAATCTTTGATTGACTTGGCCTGCGG	Hs.12967	3568	0.9929	0.33211744	0.002803462				0.5807875	0.52929389	0.065293572							
SYNE1	NM_182961_bp4856_R	AGCTAAAAAGAGGCCAAGTCAATCAAAGATCTCTTGAATCTTTGATTGACTTGGCCTGCGG	Hs.12967	8944	0.791875	0.23381301	0.004005273				0.4135875	0.43983765	0.131174985							
SYNE1	NM_182961_bp4856_R	AGCTAAAAAGAGGCCAAGTCAATCAAAGATCTCTTGAATCTTTGATTGACTTGGCCTGCGG	Hs.12967	14320	0.789175	0.32149061	0.006974735				0.1203375	0.23192006	0.564725585							
TAB3	NM_152787_bp1221_R	AGCTAAAAGGTCTCCTGGTTCTATTTATATCTCTTGAATATAAATAGAACCAGGAGACCGG	Hs.188256	1433																
TAB3	NM_152787_bp1221_R	AGCTAAAAGGTCTCCTGGTTCTATTTATATCTCTTGAATATAAATAGAACCAGGAGACCGG	Hs.188256	6809																
TAB3	NM_152787_bp1221_R	AGCTAAAAGGTCTCCTGGTTCTATTTATATCTCTTGAATATAAATAGAACCAGGAGACCGG	Hs.188256	12185																
TAB3	NM_152787_bp1815_R	AGCTAAAAGTGTTAATCCTGTGTATATTATCTCTTGAATAATATACACAGGATTAACACGG	Hs.188256	2443																
TAB3	NM_152787_bp1815_R	AGCTAAAAGTGTTAATCCTGTGTATATTATCTCTTGAATAATATACACAGGATTAACACGG	Hs.188256	7819																
TAB3	NM_152787_bp1815_R	AGCTAAAAGTGTTAATCCTGTGTATATTATCTCTTGAATAATATACACAGGATTAACACGG	Hs.188256	13195																
TAB3	NM_152787_bp2170_R	AGCTAAAAGCGGTTGAAGTCTGAAGTTAATCTCTTGAATTAACTTCAGACTTCAACCGCGG	Hs.188256	2441																
TAB3	NM_152787_bp2170_R	AGCTAAAAGCGGTTGAAGTCTGAAGTTAATCTCTTGAATTAACTTCAGACTTCAACCGCGG	Hs.188256	7817																
TAB3	NM_152787_bp2170_R	AGCTAAAAGCGGTTGAAGTCTGAAGTTAATCTCTTGAATTAACTTCAGACTTCAACCGCGG	Hs.188256	13193																
TANC1	BX648238_bp3126_R	AGCTAAAAAGAAGGTAATCTGATTCATTAATCTCTTGAATTAATGAATCAGATTACCTTCGG	Hs.599107	4552	-0.36485	1.1675835	0.472264597	0.3012	0.18736451	0.107281414	1.843966667	1.26255307	0.014875276							
TANC1	BX648238_bp3126_R	AGCTAAAAAGAAGGTAATCTGATTCATTAATCTCTTGAATTAATGAATCAGATTACCTTCGG	Hs.599107	9928	-0.294166667	1.27801745	0.619025197	0.382025	0.27818123	0.082932064	1.8106	1.38283841	0.0210673							
TANC1	BX648238_bp3126_R	AGCTAAAAAGAAGGTAATCTGATTCATTAATCTCTTGAATTAATGAATCAGATTACCTTCGG	Hs.599107	15304	0.1483	0.75548345	0.693602976	0.27755	0.09048737	0.099778551	1.793766667	1.51450419	0.028672479							
TANC1	BX648238_bp3260_R	AGCTAAAAGCCAGCCCAGTTAGTGAACTATCTCTTGAATAGTTCACTAACTGGGCTGGCGGG	Hs.599107	4554	-0.176225	0.73559394	0.5970454	-0.2963	0.12920003	0.093094942	0.8083	1.14716865	0.147435185							
TANC1	BX648238_bp3260_R	AGCTAAAAGCCAGCCCAGTTAGTGAACTATCTCTTGAATAGTTCACTAACTGGGCTGGCGGG	Hs.599107	9930	-0.140475	0.58510722	0.612918723	-0.23265	0.62542824	0.457032741	0.560766667	1.10495304	0.276375673							
T

TAP2	NM_000544_bp1363_R	AGCTAAAAGTGCAGACCCTGGTATACATATCTCTTGAATATGTATACCAGGGTCTGCACGG	Hs.502	2554	3.543525	0.93279755	0.000225758						0.6417625	0.71168175	0.06639102					
TAP2	NM_000544_bp1363_R	AGCTAAAAGTGCAGACCCTGGTATACATATCTCTTGAATATGTATACCAGGGTCTGCACGG	Hs.502	7930	3.837475	1.11596632	0.000336243						0.6704125	0.75212368	0.065502561					
TAP2	NM_000544_bp1363_R	AGCTAAAAGTGCAGACCCTGGTATACATATCTCTTGAATATGTATACCAGGGTCTGCACGG	Hs.502	13306	3.963275	1.14779249	0.00032772						0.6963125	0.70420554	0.050751846					
TBC1D4	XM_375032_bp1836_R	AGCTAAAAAGGTTGGGCGATTTGAGATTAATCTCTTGAATTAATCTCAAATCGCCCAACCGG		4736	0.2380625	0.40321347	0.292667198	0.2802625	0.52655708	0.319836704										
TBC1D4	XM_375032_bp1836_R	AGCTAAAAGGTTGGGCGATTTGAGATTAATCTCTTGAATTAATCTCAAATCGCCCAACCGG		10112	-0.0273625	0.1064322	0.848140866	0.3794125	0.43882995	0.152911935										
TBC1D4	XM_375032_bp1836_R	AGCTAAAAGGTTGGGCGATTTGAGATTAATCTCTTGAATTAATCTCAAATCGCCCAACCGG		15488	0.1798625	0.14256669	0.256751225	0.4878625	0.28011055	0.041399042										
TBC1D4	XM_375032_bp1988_R	AGCTAAAAGCCAGTATATTTGTATGTATTCTCTTGAAATACATAACAAATATACTGGCGG		4738	-0.8106125	0.3168132 5	0.00606267	-0.6679625	0.27409169	0.013874766										
TBC1D4	XM_375032_bp1988_R	AGCTAAAAGCCAGTATATTTGTATGTATTCTCTTGAAATACATAACAAATATACTGGCGG		10114	-0.7862375	0.31248379	0.006700336	-0.7091375	0.24836666	0.009601214										
TBC1D4	XM_375032_bp1988_R	AGCTAAAAGCCAGTATATTTGTATGTATTCTCTTGAAATACATAACAAATATACTGGCGG		15490	-0.7464875	0.30718981	0.008026815	-0.7273875	0.35287442	0.015969085										
TBC1D5	01474_bp2539_R	AGCTAAAAGGCCAACAATTGCTATTGTTATCTCTTGAATAACAATAGCAATTGTTGGCCGG	Hs.475629	2378	-0.618625	0.20478209	0.014245293						-0.2847875	0.35285443	0.309713001					
TBC1D5	01474_bp2539_R	AGCTAAAAGGCCAACAATTGCTATTGTTATCTCTTGAATAACAATAGCAATTGTTGGCCGG	Hs.475629	7754	-0.581925	0.20324033	0.017711111						-0.1726125	0.17090794	0.520282117					
TBC1D5	01474_bp2539_R	AGCTAAAAGGCCAACAATTGCTATTGTTATCTCTTGAATAACAATAGCAATTGTTGGCCGG	Hs.475629	13130	-0.52745	0.19369708	0.026182709						-0.2179875	0.21715969	0.405417075					
TBC1D5	01474_bp2970_R	AGCTAAAAGAGCAGACCTCATGAATAAATCTCTTGAATTTATTTCATGAGGTCTGCTCCGG	Hs.475629	2350	0.8389	0.59426207	0.021528174						0.8235875	0.98513435	0.066099822					
TBC1D5	01474_bp2970_R	AGCTAAAAGAGCAGACCTCATGAATAAATCTCTTGAATTTATTTCATGAGGTCTGCTCCGG	Hs.475629	7726	0.8153	0.60170513	0.024540491						0.8024375	0.93528805	0.062900194					
TBC1D5	01474_bp2970_R	AGCTAAAAGGAGCAGACCTCATGAATAAATCTCTTGAATTTATTTCATGAGGTCTGCTCCGG	Hs.475629	13102	0.861725	0.63313174	0.023199839						0.2732125	0.64354707	0.31436243					
TBC1D5	01474_bp3009_R	AGCTAAAAGGTGCTCCCCTGGAATATAAATCTCTTGAAATTTATTTCAGGGGAGCACCGG	Hs.475629	2352	-1.3709	0.33009751	0.000781551						-0.4514875	0.7410346	0.242782893					
TBC1D5	01474_bp3009_R	AGCTAAAAGGTGCTCCCCTGGAATATAAATCTCTTGAAATTTATTTCAGGGGAGCACCGG	Hs.475629	7728	-1.308125	0.41338765	0.001791996						-0.3341625	0.72391011	0.384648309					
TBC1D5	01474_bp3009_R	AGCTAAAAGGTGCTCCCCTGGAATATAAATCTCTTGAAATTTATTTCAGGGGAGCACCGG	Hs.475629	13104	-1.338775	0.39474437	0.001411128						-0.3735375	0.68353466	0.311275525					
TBK1	01325A_bp1347_R	AGCTAAAAGCCAGTACCTTACTGCTTTATTCTCTTGAAATAAAGCAGTAAGGTACTGGCGG	Hs.505874	428	-0.4251	0.70512482	0.217801944	-0.115733333	1.217533	0.847120923										
TBK1	01325A_bp1347_R	AGCTAAAAGCCAGTACCTTACTGCTTTATTCTCTTGAAATAAAGCAGTAAGGTACTGGCGG	Hs.505874	5804	-0.6951	1.03015343	0.157683716	-0.630133333	1.70211628	0.460937871										
TBK1	01325A_bp1347_R	AGCTAAAAGCCAGTACCTTACTGCTTTATTCTCTTGAAATAAAGCAGTAAGGTACTGGCGG	Hs.505874	11180	-0.405725	1.14288831	0.418470214	-0.170566667	1.291286	0.788292763										
TBK1	01325A_bp1393_R	AGCTAAAAATGGCTGATTGAATTAATTATCTCTTGAATAATTAATTCAACAGCCATCGG	Hs.505874	1566	1.30615	3.14983473	0.334863037	-0.460666667	3.72915408	0.794206775										
TBK1	01325A_bp1393_R	AGCTAAAAATGGCTGATTGAATTAATTATCTCTTGAATAATTAATTCAACAGCCATCGG	Hs.505874	6942	2.2453	4.85583225	0.28624012	-0.943333333	5.04105163	0.694060929										
TBK1	01325A_bp1393_R	AGCTAAAAATGGCTGATTGAATTAATTATCTCTTGAATAATTAATTCAACAGCCATCGG	Hs.505874	12318	2.29625	5.19142522	0.305207677	-1.1387	5.35792708	0.656094241										
TBK1	01325A_bp420_R	AGCTAAAAAGTGGGTGGAATGAATCATCTATCTCTTGAATAGATGATTCATTCCACCCACGG	Hs.505874	6944	-0.77035	1.64741043	0.28906443	-1.441166667	0.66690125	0.013828183										
TBK1	01325A_bp420_R	AGCTAAAAAGTGGGTGGAATGAATCATCTATCTCTTGAATAGATGATTCATTCCACCCACGG	Hs.505874	12320	-0.9463	1.91561271	0.263616786	-1.752033333	1.05548881	0.029220838										
TBK1	01325A_bp420_R	AGCTAAAAAGTGGGTGGAATGAATCATCTATCTCTTGAATAGATGATTCATTCCACCCACGG	Hs.505874	1568	0.6006			0.4884												
TBKBP1	NM_014726_bp1176_R	AGCTAAAAAGCTCAACCAGTTCCAGCATGATCTCTTGAATCATGCTGGAACTGGTTGAGCGGG	Hs.94790	8414	2.001075	0.80450968	0.001910585						-0.1887	1.30900544	0.7151398					
TBKBP1	01476_bp1176_R	AGCTAAAAGCTCAACCAGTTCCAGCATGATCTCTTGAATCATGCTGGAACTGGTTGAGCGGG	Hs.94790	13790	1.584425	0.44059629	0.000696166						-0.054475	1.08388552	0.901185303					
TBKBP1	01476_bp1176_R	AGCTAAAAGCTCAACCAGTTCCAGCATGATCTCTTGAATCATGCTGGAACTGGTTGAGCGGG	Hs.94790	3038	1.6782	0.50570874	0.003147189						0.819							
TBKBP1	01476_bp1465_R	AGCTAAAAAGGATCTGGCTTGAGTCATGCATCTCTTGAATGCATGACTCAAGCCAGATCCGG	Hs.94790	3036	1.086933333	0.15092019	0.003582903						0.147925	0.4378888	0.554845788					
TBKBP1	01476_bp1465_R	AGCTAAAAAGGATCTGGCTTGAGTCATGCATCTCTTGAATGCATGACTCAAGCCAGATCCGG	Hs.94790	8412	1.270933333	0.72104764	0.019607635						0.060925	0.92556855	0.875017844					
TBKBP1	01476_bp1465_R	AGCTAAAAAGGATCTGGCTTGAGTCATGCATCTCTTGAATGCATGACTCAAGCCAGATCCGG	Hs.94790	13788	1.167333333	0.2185627	0.003456287						0.45235	1.10366783	0.329798811					
TBKBP1	01476_bp1794_R	AGCTAAAAAGGGGAGAATCTTGAGGACTCTTCTCTTGAAAGAGTCCTCAAGATTCTCCCCGG	Hs.94790	3034	-0.2429	0.54813506	0.372732603						0.47025	0.64340011	0.153929741					
TBKBP1	01476_bp1794_R	AGCTAAAAAGGGGAGAATCTTGAGGACTCTTCTCTTGAAAGAGTCCTCAAGATTCTCCCCGG	Hs.94790	8410	-0.22435	0.55115926	0.409251878						0.4626	0.62409393	0.153239157					
TBKBP1	01476_bp1794_R	AGCTAAAAAGGGGAGAATCTTGAGGACTCTTCTCTTGAAAGAGTCCTCAAGATTCTCCCCGG	Hs.94790	13786	-0.20235	0.51524692	0.433056055						0.4571	0.64934278	0.165932385					
TBLIXR1	BX648935_bp2641_R	AGCTAAAAAGGGACATATTTTCTGCCAATTATCTCTTGAATAATTGGCAGAAATATGTCCCGG	Hs.581171	4596	-0.132425	0.75946522	0.696885964	0.175375	0.29793782	0.372905355	0.196366667	1.05075606	0.675888011							
TBLIXR1	BX648935_bp2641_R	AGCTAAAAAGGGACATATTTTCTGCCAATTATCTCTTGAATAATTGGCAGAAATATGTCCCGG	Hs.581171	9972	-0.080725	0.70308249	0.779274354	0.1664	0.15791327	0.306309693	0.197066667	1.17296046	0.699075129							
TBLIXR1	BX648935_bp2641_R	AGCTAAAAAGGGACATATTTTCTGCCAATTATCTCTTGAATAATTGGCAGAAATATGTCCCGG	Hs.581171	15348	0.304666667	0.42425771	0.272933903	-0.091525	0.33981281	0.651675343	0.7603	0.65775073	0.119159192							
TBLIXR1	BX648935_bp3733_R	AGCTAAAAAGGGGACATATGATACTGTAATAATCTCTTGAATTATTACAGTATCATAGTCCCGG	Hs.581171	4598	0.4071	1.3186256	0.47386663	1.215575	1.11064149	0.05481378	-1.4218	0.5364112	0.016586721							
TBLIXR1	BX648935_bp3733_R	AGCTAAAAAGGGGACATATGATACTGTAATAATCTCTTGAATTATTACAGTATCATAGTCCCGG	Hs.581171	9974	0.16285	1.19831996	0.748687951	1.189175	1.12395069	0.061175964	-1.49265	0.74437131	0.020367538							
TBLIXR1	BX648935_bp3733_R	AGCTAAAAAGGGGACATATGATACTGTAATAATCTCTTGAATTATTACAGTATCATAGTCCCGG	Hs.581171	15350	0.415733333	1.48621831	0.54410422	1.220525	1.20117415	0.066766193	-1.92466667	1.10664672	0.008340433							
TBLIXR1	BX648935_bp671_R	AGCTAAAAAGAGCACATACTATAGCAAATATCTCTTGAATATTTGCTATAGTATGTGCTCGG	Hs.581171	4600	0.4609	0.74071788	0.202218743	-0.301975	0.61862742	0.340849486	0.787666667	0.39473693	0.031881428							
TBLIXR1	BX648935_bp671_R	AGCTAAAAAGAGCACATACTATAGCAAATATCTCTTGAATATTTGCTATAGTATGTGCTCGG	Hs.581171	9976	0.5679	0.80917281	0.154131214	-0.3497	0.56972821	0.251706315	1.049033333	0.05938791	0.005641402							
TBLIXR1	BX648935_bp671_R	AGCTAAAAAGAGCACATACTATAGCAAATATCTCTTGAATATTTGCTATAGTATGTGCTCGG	Hs.581171	15352	0.316675	0.62943221	0.302390852	-0.536	0.40690791	0.056739137	0.8127	1.22111367	0.161947185							
TBX21	NM_013351_bp1185_R	AGCTAAAAAGGGAGAACTTTGAGTCCATGTTCTCTTGAAACATGGACTCAAAGTTCTCCCGG	Hs.272409	4681	-0.0985875	0.67895938	0.749860505	-0.2522625	1.02395344	0.591910709										
TBX21	01351_bp1185_R	AGCTAAAAAGGGAGAACTTTGAGTCCATGTTCTCTTGAAACATGGACTCAAAGTTCTCCCGG	Hs.272409	10057	-0.0718625	0.56694344	0.788967646	-0.3028375	0.92885792	0.487381521										
TBX21	NM_013351_bp1185_R	AGCTAAAAAGGGAGAACTTTGAGTCCATGTTCTCTTGAAACATGGACTCAAAGTTCTCCCGG	Hs.272409	15433	-0.1243125	0.72401342	0.703482581	-0.1557875	0.98571112	0.72914944										
TBX21	NM_013351_bp1922_R	AGCTAAAAAGGGCCCTTCTTGTTTAGTAGTTCTCTTGAAACTACTAAACAGAGAAGGGCCGG	Hs.272409	4685	-0.4949125	0.37497404	0.051286805	0.2573125	0.43734542	0.301018116										
TBX21	01351_bp1922_R	AGCTAAAAAGGGCCCTTCTTGTTTAGTAGTTCTCTTGAAACTACTAAACAGAGAAGGGCCGG	Hs.272409	10061	-0.9142125	1.52966109	0.291264087	0.1611625	0.31835318	0.42345376										
TBX21	NM_013351_bp1922_R	AGCTAAAAAGGGCCCTTCTTGTTTAGTAGTTCTCTTGAAACTACTAAACAGAGAAGGGCCGG	Hs.272409	15437	-0.1838375	0.33970335	0.364273908	0.2155375	0.24366813	0.249183505										
TBX21	NM_013351_bp2396_R	AGCTAAAAAGCCCACATCTCAAGAAGCAATCTCTTGAATTGCTTCTTGAGATGTGGGCCGG	Hs.272409	4683	1.191466667	0.32988838	0.005063235	0.2881	0.22020833	0.222047125										
TBX21	NM_013351_bp2396_R	AGCTAAAAAGCCCACATCTCAAGAAGCAATCTCTTGAATTGCTTCTTGAGATGTGGGCCGG	Hs.272409	10059	1.1695	0.14661913	0.002696491	-0.0952875	0.56845128	0.735968351										
TBX21	NM_013351_bp2396_R	AGCTAAAAAGCCCACATCTCAAGAAGCAATCTCTTGAATTGCTTCTTGAGATGTGGGCCGG	Hs.272409	15435	1.1625375	0.10311029	0.000347016	0.0869375	0.48443119	0.72948142										
TCEB1	NM_005648_bp31_R	AGCTAAAACTAACTAAGTTTCGTCCGAGAACTTAAGTTTCTCGTCGG	Hs.554594	2185	-0.0100875	0.34621971	0.958873986						-0.5380125	0.36348216	0.050066655					
TCEB1	NM_005648_bp31_R	AGCTAAAAAGACGAGAAACTACTAAAGTTCTCTTCTGAAGAACTTTAGTAGTTTCTCGTCGG	Hs.554594	7561	0.0239875	0.34904146	0.902878373						-0.5413125	0.38209189	0.051950353					
TCEB1	NM_005648_bp31_R	AGCTAAAAAGACGAGAAACTACTAAAGTTCTCTTCTGAAGAACTTTAGTAGTTTCTCGTCGG	Hs.554594	12937	-0.0403875	0.30730917	0.827209908						-0.5562125	0.32167603	0.03924834					
TCEB1	NM_005648_bp371_R	AGCTAAAAAGCACCTGAAATTGCACTGGAATCTCTTGAATTCCAGTGCAATTTCAGGTGTCGG	Hs.554594	2187	-0.4929875	0.39527582	0.056915102						-1.3799							
TCEB1	NM_005648_bp371_R	AGCTAAAAAGCACCTGAAATTGCACTGGAATCTCTTGAATTCCAGTGCAATTTCAGGTGTCGG	Hs.554594	7563	-0.5074875	0.35579141	0.043278986						-1.3403							
TCEB1	NM_005648_bp371_R	AGCTAAAAAGCACCTGAAATTGCACTGGAATCTCTTGAATTCCAGTGCAATTTCAGGTGTCGG	Hs.554594	12939	-0.5457875	0.37756865	0.037936181						-1.425							
TCEB1	NM_005648_bp401_R	AGCTAAAAAGCTGCGAACTTCTTAGATTGTTCTCTTGAAACAATCTAAGAAGTTCGCAGCGG	Hs.554594	2159	2.9665875	0.55973544	7.64E-05						0.7499125	0.9627345	0.097177914					
TCEB1	NM_005648_bp401_R	AGCTAAAAAGCTGCGAACTTCTTAGATTGTTCTCTTGAAACAATCTAAGAAGTTCGCAGCGG	Hs.554594	7535	2.9770625	0.2910151	1.13E-05						0.4927375	1.05545378	0.276066992					
TCEB1	NM_005648_bp401_R	AGCTAAAAAGCTGCGAACTTCTTAGATTGTTCTCTTGAAACAATCTAAGAAGTTCGCAGCGG	Hs.554594	12911	3.0855375	0.61113097	8.71E-05						0.6466375	0.87702513	0.119015841					
TCEB2	NM_007108_bp425_R	AGCTAAAAAGAGGCCCATTTCCCCCAATAATCTCTTGAATTATTGGGGGAAATGGGCCTCGG	Hs.172772	1112	2.0816625	1.29295276	0.00994666						0.005375	2.03819994	0.99480823					
TCEB2	NM_007108_bp425_R	AGCTAAAAAGAGGCCCATTTCCCCCAATAATCTCTTGAATTATTGGGGGAAATGGGCCTCGG	Hs.172772	6488	2.1157375	1.41259603	0.012957733						0.956116667	2.21215817	0.301754254					
TCEB2	NM_007108_bp425_R	AGCTAAAAAGAGGCCCATTTCCCCCAATAATCTCTTGAATTATTGGGGGAAATGGGCCTCGG	Hs.172772	11864	2.435183333	1.00278886	0.005206016						-0.017925	2.00949141	0.982480768					
TCEB2	NM_007108_bp55_R	AGCTAAAAGGCGATGGACGTGTTCCTCATGTCTCTTGAACATGAGGAACACGTCCATCGCGG	Hs.172772	12909	0.2894															
TCEB2	NM_007108_bp55_R	AGCTAAAAGGCGATGGACGTGTTCCTCATGTCTCTTGAACATGAGGAACACGTCCATCGCGG	Hs.172772	7533																
TCEB2	NM_007108_bp847_R	AGCTAAAAGGAGCCAGTGTCCTGGTTTGATCTCTTGAATCAAACCAGGACACTGGCTCCGG	Hs.172772	2155	2.5957875	1.01851634	0.001506032						1.0079375	1.26473732	0.079640294					
TCEB2	NM_007108_bp847_R	AGCTAAAAGGAGCCAGTGTCCTGGTTTGATCTCTTGAATCAAACCAGGACACTGGCTCCGG	Hs.172772	7531	2.4391875	1.02836821	0.002071384						0.9481625	1.31963487	0.104262762					
TCEB2	NM_007108_bp847_R	AGCTAAAAGGAGCCAGTGTCCTGGTTTGATCTCTTGAATCAAACCAGGACACTGGCTCCGG	Hs.172772	12907	2.7293125	1.13278972	0.001859248						1.0731375	1.21623032	0.059110841					
TCF12	NM_207037_bp2095_R	AGCTAAAAGAGAGCGGGATGGCTAACAATCTCTGGAATTGTTAGCCATCCGGCCTCTCGG	Hs.511504	3666	0.982825	0.38099397	0.004021826						0.0086625	0.50490236	0.97374952					
TCF12	NM_207037_bp2095_R	AGCTAAAAGAGAGCGGGATGGCTAACAATCTCTGGAATTGTTAGCCATCCGGCCTCTCGG	Hs.511504	9042	0.820275	0.27413623	0.004415497						0.0888875	0.38469606	0.706433547					
TCF12	NM_207037_bp2095_R	AGCTAAAAGAGAGCGGGATGGCTAACAATCTCTGGAATTGTTAGCCATCCGGCCTCTCGG	Hs.511504	14418	1.055125	0.4158917	0.003699594						0.2385375	0.2578575	0.28087658					
TCF12	NM_207037_bp2236_R	AGCTAAAAGTGGCAGTCATCCTTAGTCTATCTCTTGAATAGACTAAGGATGACTGCCACGG	Hs.511504	3664	0.48275	0.97343184	0.279172066						0.4461375	0.82458657	0.237818247					
TCF12	NM_207037_bp2236_R	AGCTAAAAGTGGCAGTCATCCTTAGTCTATCTCTTGAATAGACTAAGGATGACTGCCACGG	Hs.511504	9040	0.50695	0.41225815	0.056402059						-0.0897375	0.45100172	0.720938745					
TCF12	NM_207037_bp2236_R	AGCTAAAAGTGGCAGTCATCCTTAGTCTATCTCTTGAATAGACTAAGGATGACTGCCACGG	Hs.511504	14416	0.70005	0.40899125	0.018609448						-0.0493375	0.24067373	0.812322331					
TCF12	NM_207037_bp494_R	AGCTAAAAAGTCCTTTCCTATGATTCATCTATCTCTTGAATAGATGAATCATAGGAAGGACGG	Hs.511504	14414	0.517666667	0.87350675	0.257907107						0.46515	1.14176532	0.408898533					
TCF12	NM_207037_bp494_R	AGCTAAAAAGTCCTTTCCTATGATTCATCTATCTCTTGAATAGATGAATCATAGGAAGGACGG	Hs.511504	3662	0.976675	0.48157507	0.049569513						-1.5032							
TCF12	NM_207037_bp494_R	AGCTAAAAAGTCCTTTCCTATGATTCATCTATCTCTTGAATAGATGAATCATAGGAAGGACGG	Hs.511504	9038	0.471766667	0.71455784	0.232228097						-0.0802							
TCF2	NM_000458_bp1065_R	AGCTAAAAAGTCACTGAGGTCCGTGTCTACTCTCTTGAAGTAGACACGGACCTCAGTGACGG	Hs.191144	5333	0.8222375	0.75454916	0.049503165	-1.08945	1.18942432	0.178041536										
TCF2	NM_000458_bp1065_R	AGCTAAAAAGTCACTGAGGTCCGTGTCTACTCTCTTGAAGTAGACACGGACCTCAGTGACGG	Hs.191144	10709	0.6299875	0.58664998	0.060509271	-0.9558125	0.75088681	0.0394491										
TCF2	NM_000458_bp1065_R	AGCTAAAAAGTCACTGAGGTCCGTGTCTACTCTCTTGAAGTAGACACGGACCTCAGTGACGG	Hs.191144	16085	1.4453625	0.61591325	0.003076846	-0.7842375	0.39709681	0.015611691										
TCF2	NM_000458_bp1431_R	AGCTAAAAAGTCAGCACCTTGACGAATATCTCTTGAAGATATTCGTCAAGGTGCTGACGG	Hs.191144	5331	1.0147625	0.3566132	0.002991574	-0.7173625	0.20581972	0.00721555										
TCF2	NM_000458_bp1431_R	AGCTAAAAAGTCAGCACCTTGACGAATATCTCTTGAAGATATTCGTCAAGGTGCTGACGG	Hs.191144	10707	1.0610625	0.53402523	0.002416821	-0.4644125	0.43268823	0.093166899										
TCF2	NM_000458_bp1431_R	AGCTAAAAAGTCAGCACCTTGACGAATATCTCTTGAAGATATTCGTCAAGGTGCTGACGG	Hs.191144	16083	1.4037625	0.19521228	0.000228896	-0.4948375	0.52679176	0.111939441										
TCF2	NM_000458_bp1712_R	AGCTAAAAAGCTGCAGAACTCACACATGTATCTCTTGAATACATGTGTGAGTTCTGCAGCGG	Hs.191144	5329	0.2132125	0.40676994	0.34288661	-0.5054375	0.50670744	0.099167154										
TCF2	NM_000458_bp1712_R	AGCTAAAAAGCTGCAGAACTCACACATGTATCTCTTGAATACATGTGTGAGTTCTGCAGCGG	Hs.191144	10705	0.3244125	0.51525746	0.230017168	-0.4388125	0.13652422	0.105132605										
TCF2	NM_000458_bp1712_R	AGCTAAAAAGCTGCAGAACTCACACATGTATCTCTTGAATACATGTGTGAGTTCTGCAGCGG	Hs.191144	16081	1.5800875	1.17745145	0.020490379	-0.1435125	1.20587479	0.790497834										
TCF3	NM_003200_bp1193_R	AGCTAAAAAGCCTGCAGAGTAAGATAGAAGTCTCTTGAACTTCTATCTTACTCTGCAGGCGG	Hs.371282	3113	2.330425	0.50467406	0.000171635						0.01325	0.68493832	0.966228271					
TCF3	NM_003200_bp1193_R	AGCTAAAAAGCCTGCAGAGTAAGATAGAAGTCTCTTGAACTTCTATCTTACTCTGCAGGCGG	Hs.371282	8489	2.23715	0.36342317	7.81E-05						0.2473	0.79942186	0.485862418					
TCF3	NM_003200_bp1193_R	AGCTAAAAAGCCTGCAGAGTAAGATAGAAGTCTCTTGAACTTCTATCTTACTCTGCAGGCGG	Hs.371282	13865	2.45785	0.30721491	3.27E-05						0.11415	0.58202962	0.689511525					
TCF3	NM_003200_bp162_R	AGCTAAAAGTTCGGAGGTTCAGGTCTTGATCTCTTGAATCAAGACCTGAACCTCCGAACGG	Hs.371282	3115	2.087	0.57879949	0.000465113						0.148175	0.97229391	0.714013831					
TCF3	NM_003200_bp162_R	AGCTAAAAGTTCGGAGGTTCAGGTCTTGATCTCTTGAATCAAGACCTGAACCTCCGAACGG	Hs.371282	8491	2.121875	0.59686635	0.00047989						0.23945	0.90160467	0.534815796					
TCF3	NM_003200_bp162_R	AGCTAAAAGTTCGGAGGTTCAGGTCTTGATCTCTTGAATCAAGACCTGAACCTCCGAACGG	Hs.371282	13867	2.1545	0.60263408	0.000462325						0.251075	0.90526564	0.51709949					
TCF3	NM_003200_bp1852_R	AGCTAAAAAGAGCGGAACCTGAATCCCAAATCTCTTGAATTTGGGATTCAGGTTCCGCTCGG	Hs.371282	3111	4.340025	1.35388908	0.000472154						0.1514	0.17870693	0.457213493					
TCF3	NM_003200_bp1852_R	AGCTAAAAAGAGCGGAACCTGAATCCCAAATCTCTTGAATTTGGGATTCAGGTTCCGCTCGG	Hs.371282	8487	4.167	1.19589544	0.000330649						0.173175	0.16089065	0.393907745					
TCF3	NM_003200_bp1852_R	AGCTAAAAAGAGCGGAACCTGAATCCCAAATCTCTTGAATTTGGGATTCAGGTTCCGCTCGG	Hs.371282	13863	4.378975	1.3913028	0.000510949						0.19975	0.17159195	0.332945774					
TCLLA	BQ057554_bp307_R	AGCTAAAAGCGCTTAGTGTACCACATCAATCTCTTGAATTGATGTGGTACACTAAGCGCGG	Hs.2484	4543	3.6662			0.056575	1.42243897	0.92833515	5.22	7.16668865	0.106013446							
TCLLA	BQ057554_bp307_R	AGCTAAAAAGCGCTTAGTGTACCACATCAATCTCTTGAATTGATGTGGTACACTAAGCGCGG	Hs.2484	9919	5.6438	3.09557207	0.02150756	0.092275	1.38672615	0.880642417	4.3784	6.19185124	0.114310388							
TCLLA	BQ057554_bp307_R	AGCTAAAAAGCGCTTAGTGTACCACATCAATCTCTTGAATTGATGTGGTACACTAAGCGCGG	Hs.2484	15295	5.95735	3.11049202	0.018819218	0.058225	1.47022876	0.928534145	4.6639	6.69955391	0.118094259							
TCLLA	BQ057554_bp364_R	AGCTAAAAAGCAGATGACTGATGTATGGTTTCTCGTTCTCTTGAAACCATACATCAGTCATCTGGCGG	Hs.2484	4547	-1.161375	0.27166562	0.000922771	-0.8165	0.02305168	0.058285943	-0.0144	1.08710597	0.977981088							
TCLLA	BQ057554_bp364_R	AGCTAAAAAGCCAGATGACTGATGTATGGTTTCTCGTTCTCTTGAAACCATACATCAGTCATCTGGCGG	Hs.2484	9923	-0.8508	0.40504374	0.008523372	-0.54995	0.12763277	0.134432615	-1.1799	0.16588725	0.019493935							
TCLLA	BQ057554_bp364_R	AGCTAAAAGCCAGATGACTGATGTATGGTTTCTCGTTCTCTTGAAACCATACATCAGTCATCTGGCGG	Hs.2484	15299	-0.8058	0.76844485	0.055242786	-1.0056	0.21844836	0.002017361	-1.3573	0.4584839	0.004579238							
TCLLA	BQ057554_bp440_R	AGCTAAAAAGGGGATGTTGTGTTTCTGTTCTCTCTTGAAGAACAGAAACACAACATCCCCGG	Hs.2484	4545	-0.814275	0.38232948	0.008888481	0.64965	0.47472244	0.04323492	0.971166667	0.80328968	0.045694703							
TCLLA	BQ057554_bp440_R	AGCTAAAAAGGGGATGTTGTGTTTCTGTTCTCTCTTGAAGAACAGAAACACAACATCCCCGG	Hs.2484	9921	-0.533825	0.47292344	0.062742411	0.469725	0.32175961	0.056554135	0.761166667	0.59775967	0.058918799							
TCLLA	BQ057554_bp440_R	AGCTAAAAAGGGGATGTTGTGTTTCTGTTCTCTCTTGAAGAACAGAAACACAACATCCCCGG	Hs.2484	15297	-0.951			0.764			0.901	0.7556933	0.051528491							
TCL6	NM_014418_bp1804_R	AGCTAAAAGATGGATGCATGGGGAAGATCTCTCTTGAAGACATGCAGTAGATCATCCCATGCATCATCGG	Hs.510368	3246	1.16865	0.55138452	0.005358762				0.2533875	1

TERT	AF018167_bp1037_R	AGCTAAAAAGACCAAGCACTTCCTCTACTCTCTCTTGAAGAGTAGAGGAAGTGCTTGGTCGG	Hs.492203	14589	0.4749	0.1416819	0.054474435					0.33465	0.46461511	0.216924662							
TERT	AF018167_bp2959_R	AGCTAAAAAGGAACATCGCTCGCAAACTCTTCTCTTGAAAGAGTTTGCGACGCATGTTCCGG	Hs.492203	3835	1.1726875	0.32574206	0.00127502					0.2276	0.28249645	0.310179478							
TERT	AF018167_bp2959_R	AGCTAAAAAGGAACATCGCTCGCAAACTCTTCTCTTGAAAGAGTTTGCGACGCATGTTCCGG	Hs.492203	9211	1.1828875	0.31691223	0.001153951					0.21525	0.33945455	0.356902458							
TERT	AF018167_bp2959_R	AGCTAAAAAGGAACATCGCTCGCAAACTCTTCTCTTGAAAGAGTTTGCGACGCATGTTCCGG	Hs.492203	14587	1.2250875	0.35731872	0.00129531					0.287225	0.32241322	0.22500897							
TERT	AF018167_bp3425_R	AGCTAAAAGCCCCTCAGACTTCAAGACCATTCTCTTGAAATGGTCTTGAAGTCTGAAGGTCTGGAGCCGG	Hs.492203	3833	-0.1177375	0.1213892	0.431101115					-0.58645	0.15146699	0.020133403							
TERT	AF018167_bp3425_R	AGCTAAAAGCCCCTCAGACTTCAAGACCATTCTCTTGAAATGGTCTTGAAGTCTGAAGGTCTGGAGCCGG	Hs.492203	9209	-0.0275625	0.20971615	0.863780886					-0.49285	0.11769714	0.036677763							
TERT	AF018167_bp3425_R	AGCTAAAAGCCCCTCAGACTTCAAGACCATTCTCTTGAAATGGTCTTGAAGTCTGAAGGTCTGGAGCCGG	Hs.492203	14585	-0.0938375	0.21237665	0.566893551					-0.4887	0.11353751	0.037570373							
TESK1	NM_006285_bp1437_R	AGCTGAAAAGGTGGCAAGATCAAGCTCTTATCTCTTGAATAAGAGCTTGATCTTGCCACCGG	Hs.79358	5886	0.1966	6.2545009	0.943542138	-1.4446													
TESK1	NM_006285_bp1437_R	AGCTGAAAAGGTGGCAAGATCAAGCTCTTATCTCTTGAATAAGAGCTTGATCTTGCCACCGG	Hs.79358	11262	0.19795	6.83383349	0.947927333	-3.79685	1.58851538	0.02294125											
TESK1	NM_006285_bp1437_R	AGCTGAAAAGGTGGCAAGATCAAGCTCTTATCTCTTGAATAAGAGCTTGATCTTGCCACCGG	Hs.79358	510	-1.737																
TESK1	NM_006285_bp1803_R	AGCTAAAAAGGACCCGTCCTCAATAACAATTCTCTTGAAATTGTTATTGAGGACGGGTCCGG	Hs.79358	1821	0.33295	0.73648433	0.335639299	2.2433													
TESK1	NM_006285_bp1803_R	AGCTAAAAAGGACCCGTCCTCAATAACAATTCTCTTGAAATTGTTATTGAGGACGGGTCCGG	Hs.79358	7197	0.20735	1.13753673	0.669975003	-0.571533333	3.50758128	0.731993732											
TESK1	NM_006285_bp1803_R	AGCTAAAAAGGACCCGTCCTCAATAACAATTCTCTTGAAATTGTTATTGAGGACGGGTCCGG	Hs.79358	12573	-0.230275	4.09922315	0.890512204	-0.663333333	3.47412994	0.690106154											
TESK1	NM_006285_bp469_R	AGCTGAAAAGCTTCTTCTGAGGTCTACATCTTGAATGTAGACCTCAGAGAAGAAGCGG	Hs.79358	511	0.228275	0.21823918	0.199220019	0.7284	1.65697896	0.389653452											
TESK1	NM_006285_bp469_R	AGCTGAAAAGCTTCTTCTGAGGTCTACATCTTGAATGTAGACCTCAGAGAAGAAGCGG	Hs.79358	5887	0.113825	0.21862302	0.494296735	0.6777	1.84177517	0.461959729											
TESK1	NM_006285_bp469_R	AGCTGAAAAGCTTCTTCTGAGGTCTACATCTTGAATGTAGACCTCAGAGAAGAAGCGG	Hs.79358	11263	0.117075	0.25459928	0.503497354	0.663366667	1.77095398	0.456431019											
TESK2	NM_007170_bp1727_R	AGCTAAAAAGCCTGAGTTCTTGCATCAAGATCTCTTGAATCTTGATGCAAGAACTCAGGCGG	Hs.525091	5939	-0.931566667	0.77082919	0.05860671	-0.234966667	2.83875707	0.861366226											
TESK2	NM_007170_bp1727_R	AGCTAAAAAGCCTGAGTTCTTGCATCAAGATCTCTTGAATCTTGATGCAAGAACTCAGGCGG	Hs.525091	11315	-0.120533333	1.16799457	0.822799933	-2.75285	5.36616265	0.351459574											
TESK2	NM_007170_bp1727_R	AGCTAAAAAGCCTGAGTTCTTGCATCAAGATCTCTTGAATCTTGATGCAAGAACTCAGGCGG	Hs.525091	563																	
TESK2	NM_007170_bp1880_R	AGCTAAAAAGGCTATGGACTGCTCCATTCTTCTCTTGAAAGAATGGAGCAGTCCATAGCCGG	Hs.525091	564	0.24425	1.31257582	0.660529059	0.353666667	1.38325154	0.606916243											
TESK2	NM_007170_bp1880_R	AGCTAAAAAGGCTATGGACTGCTCCATTCTTCTCTTGAAAGAATGGAGCAGTCCATAGCCGG	Hs.525091	5940	0.2626	1.31978048	0.639024685	0.370733333	1.37086276	0.587463353											
TESK2	NM_007170_bp1880_R	AGCTAAAAAGGCTATGGACTGCTCCATTCTTCTCTTGAAAGAATGGAGCAGTCCATAGCCGG	Hs.525091	11316	0.19415	1.28668621	0.721129331	0.517466667	1.13956294	0.387788069											
TFAP2A	BC017754_bp1328_R	AGCTAAAAGCTCTCCGCCATCCCTAATTAACTCTCTTGAAGTTAATAGGGATGGCGGAGACGG	Hs.519880	4341	0.68225	0.21258706	0.006638996	0.078375	0.72510836	0.818941305		-0.0331	0.68544046	0.925426824							
TFAP2A	BC017754_bp1328_R	AGCTAAAAGCTCTCCGCCATCCCTAATTAACTCTCTTGAAGTTAATAGGGATGGCGGAGACGG	Hs.519880	15093	0.528525	0.57635602	0.095382564	-0.1868	1.08247206	0.731162066		0.2446	0.98010675	0.586382717							
TFAP2A	BC017754_bp1328_R	AGCTAAAAGCTCTCCGCCATCCCTAATTAACTCTCTTGAAGTTAATAGGGATGGCGGAGACGG	Hs.519880	9717	0.560766667	0.44540006	0.085041918	-0.1046	0.1503309	0.713160159		0.27555	1.44200286	0.665485199							
TFAP2A	BC017754_bp1712_R	AGCTAAAAAGCTGAATTTCTCAACCGACAATCTCTTGAATTGTCGGTTGAGAAATTCAGCGG	Hs.519880	4343	-0.239025	0.85414311	0.530188526	-0.268066667	0.45922746	0.372008064	0.540833333	0.36776099	0.094458543								
TFAP2A	BC017754_bp1712_R	AGCTAAAAAGCTGAATTTCTCAACCGACAATCTCTTGAATTGTCGGTTGAGAAATTCAGCGG	Hs.519880	9719	-0.362975	0.70884189	0.284422822	-0.726775	0.61322459	0.054692078	0.779466667	0.36965065	0.031095697								
TFAP2A	BC017754_bp1712_R	AGCTAAAAAGCTGAATTTCTCAACCGACAATCTCTTGAATTGTCGGTTGAGAAATTCAGCGG	Hs.519880	15095	-0.380575	0.9929059	0.390536136	-0.587525	0.40576011	0.04286242	0.336166667	0.58016906	0.326326124								
TFAP2A	BP508293_bp344_R	AGCTAAAAAGCCGAACCCCTCAGTCTCATATCTCTTGAATATGAGACTGAGGGGTTCGGCGG	Hs.519880	4345	-0.85925	0.2273817	0.002700217	1.40185	0.34542166	0.025314629	0.524933333	1.32763166	0.368032944								
TFAP2A	BP508293_bp344_R	AGCTAAAAAGCCGAACCCCTCAGTCTCATATCTCTTGAATATGAGACTGAGGGGTTCGGCGG	Hs.519880	15097	-0.639675	0.17291322	0.007011341	1.47	0.25087943	0.003097073		0.16105	1.31076384	0.785350825							
TFAP2A	BP508293_bp344_R	AGCTAAAAAGCCGAACCCCTCAGTCTCATATCTCTTGAATATGAGACTGAGGGGTTCGGCGG	Hs.519880	9721	-0.883833333	2.24710229	0.010443774	1.2241	0.38514423	0.002614652											
TFAP2A	BP508293_bp403_R	AGCTAAAAAGGCTTGGGCATTTCACTTTTCGTCTCTTGAACGAAAGTGAAATGCCCAAGCCGG	Hs.519880	4319	0.7505	0.3341893	0.009246786	-0.202325	0.53310268	0.464098479	0.007766667	1.14954128	0.987594881								
TFAP2A	BP508293_bp403_R	AGCTAAAAAGGCTTGGGCATTTCACTTTTCGTCTCTTGAACGAAAGTGAAATGCCCAAGCCGG	Hs.519880	9695	1.069033333	0.6231142	0.024322107	-0.994366667	0.76239696	0.064792589	0.64365	0.97729228	0.234492134								
TFAP2A	BP508293_bp403_R	AGCTAAAAAGGCTTGGGCATTTCACTTTTCGTCTCTTGAACGAAAGTGAAATGCCCAAGCCGG	Hs.519880	15071	1.340233333	0.79515992	0.021102838					0.581	1.25667017	0.339902499							
TFAP2A	BP508293_bp68_R	AGCTAAAAAGCCGGAGATCTTGACTTCACTTCTCTTGAAAGCTGAAGTCAAGATCTCCGCCGG	Hs.519880	4317	1.22215	0.7868915	0.014882725	-0.574025	0.28618195	0.025207932	-0.104366667	0.73248177	0.276953337								
TFAP2A	BP508293_bp68_R	AGCTAAAAAGCCGGAGATCTTGACTTCACTTCTCTTGAAAGCTGAAGTCAAGATCTCCGCCGG	Hs.519880	9693	1.148475	0.9639543	0.033238928	-0.62655	0.18700177	0.010877927		-0.2839	0.39393033	0.405318106							
TFAP2A	BP508293_bp68_R	AGCTAAAAAGCCGGAGATCTTGACTTCACTTCTCTTGAAAGCTGAAGTCAAGATCTCCGCCGG	Hs.519880	15069	1.2774	0.9558553	0.022289523	-0.7243	0.2306895	0.008005127	-0.27926667	0.76909074	0.47182718								
TFG	NM_006070_bp1105_R	AGCTAAAGGCTCACAGTATGGTATTCATCTCTTGAATGGATACCATACTGTTGAGGCCGG	Hs.518123	2736	-0.10545	0.52046836	0.627712064					0.2248	0.89446248	0.557035165							
TFG	NM_006070_bp1105_R	AGCTAAAGGCTCACAGTATGGTATTCATCTCTTGAATGGATACCATACTGTTGAGGCCGG	Hs.518123	8112	-0.06965	0.40329207	0.74494761					-0.11	0.86532321	0.765784315							
TFG	NM_006070_bp1105_R	AGCTAAAGGCCTCAACGATATGGTATTCATCTCTTGAATGGATACCATACTGTTGAGGCCGG	Hs.518123	13488	-0.23045	0.28038399	0.2301339					0.04745	0.85009288	0.896089918							
TFG	NM_006070_bp1444_R	AGCTAAAGCCTAATCCTTATGCGCGGTAATCTCTTGAATTACGCGCATAAGGATTAGGCGG	Hs.518123	2764	0.062733333	0.57575631	0.838129295					1.83275	1.67563094	0.049440945							
TFG	NM_006070_bp1444_R	AGCTAAAGCCTAATCCTTATGCGCGGTAATCTCTTGAATTACGCGCATAAGGATTAGGCGG	Hs.518123	8140	0.284433333	0.78127853	0.472846984					1.861	1.66269089	0.046481054							
TFG	NM_006070_bp1444_R	AGCTAAAGCCTAATCCTTATGCGCGGTAATCTCTTGAATTACGCGCATAAGGATTAGGCGG	Hs.518123	13516	0.021833333	0.55820234	0.942011194					0.1545	3.09877708	0.897776271							
TFG	NM_006070_bp863_R	AGCTAAACGCTTTGGCTTAACAGATGATTCTCTTGAATCATCTGTTAAGCCAAACGCGG	Hs.518123	2762	-0.1818	0.19187374	0.379551785					0.128625	0.44002831	0.607023962							
TFG	NM_006070_bp863_R	AGCTAAACGCTTTGGCTTAACAGATGATTCTCTTGAATCATCTGTTAAGCCAAACGCGG	Hs.518123	8138	-0.674725	0.52527562	0.037766694					0.538975	0.42580245	0.060245178							
TFG	NM_006070_bp863_R	AGCTAAACGCTTTGGCTTAACAGATGATTCTCTTGAATCATCTGTTAAGCCAAACGCGG	Hs.518123	13514	-0.105175	0.74293869	0.752007853					-0.31875	0.31774847	0.182466797							
TGFA	NM_003236_bp1316_R	AGCTAAAAAGCTGGGTTACTGCGAGGAATATCTTGAAGTTCCTACCATGAACCCACGCGG	Hs.170009	2145	0.4628875	0.51352953	0.108026365					-0.7998625	0.48406619	0.017573193							
TGFA	NM_003236_bp1316_R	AGCTAAAAAGCTGGGTTACTGGTAGGAATATCTTGAATATTCCTACCATGAACCCACGCGG	Hs.170009	7521	0.3341875	0.55422762	0.239228569					-0.5362625	0.27553276	0.038903358							
TGFA	NM_003236_bp1316_R	AGCTAAAAAGCTGGGTTACTGGTAGGAATATCTTGAATATTCCTACCATGAACCCACGCGG	Hs.170009	12897	0.2682625	0.6894854	0.466174557					-0.0406125	0.31463335	0.853838659							
TGFA	NM_003236_bp1825_R	AGCTAAAAAGGACAATTGTTCCCCTGACATCTCTTGAATGTCAGGGGAACAATTGCTCCGG	Hs.170009	2147	-0.0744875	0.50334786	0.762760753					0.6990875	1.32815789	0.210621245							
TGFA	NM_003236_bp1825_R	AGCTAAAAAGGACAATTGTTCCCCTGACATCTCTTGAATGTCAGGGGAACAATTGCTCCGG	Hs.170009	7523	-0.0606375	0.48902336	0.801783736					0.7330875	1.33397442	0.193478512							
TGFA	NM_003236_bp1825_R	AGCTAAAAAGGACAATTGTTCCCCTGACATCTCTTGAATGTCAGGGGAACAATTGCTCCGG	Hs.170009	12899	-0.0364875	0.49240227	0.880229634					0.719175	1.31389945	0.195798411							
TGFA	NM_003236_bp365_R	AGCTAAAAAGCTGTCCTTATCATCACATGTTCTCTTGAAACATGTGATGATAAAGGACAGCGG	Hs.170009	1111	-1.1611875	0.30938524	0.001193046					0.2259375	0.31079504	0.324026627							
TGFA	NM_003236_bp365_R	AGCTAAAAAGCTGTCCTTATCATCACATGTTCTCTTGAAACATGTGATGATAAAGGACAGCGG	Hs.170009	6487	-1.2045625	0.24856601	0.000667098					0.1583875	0.33081533	0.487410026							
TGFA	NM_003236_bp365_R	AGCTAAAAAGCTGTCCTTATCATCACATGTTCTCTTGAATGTGATGATAAAGGACAGCGG	Hs.170009	11863	-1.1841375	0.31219642	0.001111978					0.2274375	0.31628408	0.323198656							
TGFB1	NM_000660_bp1476_R	AGCTAAAAAGAGGGGAAATTGAGGGCTTTCTCTCTTGAAGAAAGCCCTCAATTTCCCCTCGG	Hs.1103	2141	2.0631							2.058075	3.21015872	0.150370693							
TGFB1	NM_000660_bp1476_R	AGCTAAAAAGAGGGGAAATTGAGGGCTTTCTCTCTTGAAGAAAGCCCTCAATTTCCCCTCGG	Hs.1103	7517	1.5667							2.045125	3.35886328	0.165999775							
TGFB1	NM_000660_bp1476_R	AGCTAAAAAGAGGGGAAATTGAGGGCTTTCTCTCTTGAAGAAAGCCCTCAATTTCCCCTCGG	Hs.1103	12893	1.8177							1.988375	3.40249177	0.179599292							
TGFB1	NM_000660_bp1684_R	AGCTAAAAAGGACACCAACTATTGCTTCAGCTCTTGAACTGAAGCAATAGTTGGTGTCCGG	Hs.1103	2143	-0.1150125	0.29275124	0.532947393					0.1117375	0.42574485	0.649731822							
TGFB1	NM_000660_bp1684_R	AGCTAAAAAGGACACCAACTATTGCTTCAGCTCTTGAACTGAAGCAATAGTTGGTGTCCGG	Hs.1103	7519	-0.1228125	0.30215273	0.512391642					0.1580375	0.49218349	0.549627599							
TGFB1	NM_000660_bp1684_R	AGCTAAAAAGGACACCAACTATTGCTTCAGCTCTTGAACTGAAGCAATAGTTGGTGTCCGG	Hs.1103	12895	-0.1166875	0.28337444	0.521741625					0.1607125	0.49948413	0.545872887							
TGFB1	NM_000660_bp1972_R	AGCTAAAAAGGAGCAGCTGTCCAACATGATTCTCTTGAAATCATGTTGGACAGCTGCTCCGG	Hs.1103	1110	-0.0400625	0.71577275	0.90076453					-0.3756625	0.37778022	0.143343515							
TGFB1	NM_000660_bp1972_R	AGCTAAAAAGGAGCAGCTGTCCAACATGATTCTCTTGAAATCATGTTGGACAGCTGCTCCGG	Hs.1103	6486	-0.0380625	0.69256131	0.901332618					-0.2555125	0.84552566	0.489063076							
TGFB1	NM_000660_bp1972_R	AGCTAAAAAGGAGCAGCTGTCCAACATGATTCTCTTGAAATCATGTTGGACAGCTGCTCCGG	Hs.1103	11862	0.0442875	0.69637057	0.887915847					-0.4398375	0.44893727	0.115011066							
TGFB2	NM_003238_bp1093_R	AGCTAAAAAGGATGCGGCCTATTGCTTTAGTCTCTTGAACTAAAGCAATAGGCCGCATCCGG	Hs.133379	1109	-0.6922125	0.18139997	0.00527064					-1.0946875	0.97363474	0.029319892							
TGFB2	NM_003238_bp1093_R	AGCTAAAAAGGATGCGGCCTATTGCTTTAGTCTCTTGAACTAAAGCAATAGGCCGCATCCGG	Hs.133379	6485	-0.7341875	0.14430435	0.003399493					-0.9509375	0.81216428	0.029859807							
TGFB2	NM_003238_bp1093_R	AGCTAAAAAGGATGCGGCCTATTGCTTTAGTCTCTTGAACTAAAGCAATAGGCCGCATCCGG	Hs.133379	11861	-0.6916625	0.15557445	0.004637687					-1.1298375	0.98389887	0.026835981							
TGFB2	NM_003238_bp1267_R	AGCTAAAAAGGTCCTGAGCTTATATAATACTCTCTTGAAGTATTATATAAGCTCAGGACCGG	Hs.133379	1108	-0.1043375	0.51021159	0.676696183					0.6375125	0.75705524	0.093528616							
TGFB2	NM_003238_bp1267_R	AGCTAAAAAGGTCCTGAGCTTATATAATACTCTCTTGAAGTATTATATAAGCTCAGGACCGG	Hs.133379	6484	-0.0365875	0.52241001	0.884709243					0.6579875	0.73715831	0.081225679							
TGFB2	NM_003238_bp1267_R	AGCTAAAAAGGTCCTGAGCTTATATAATACTCTCTTGAAGTATTATATAAGCTCAGGACCGG	Hs.133379	11860	-0.2675125	0.56985076	0.342900381					0.5845375	0.77937184	0.123819662							
TGFB2	NM_003238_bp824_R	AGCTAAAGACAGGAACCTGGGATTTAAATCTCTTGAATTTAAATCCCAGGTTCCTGTCGG	Hs.133379	1107	-0.7257625	0.47437195	0.023005918					-1.1467125	0.92401479	0.020945868							
TGFB2	NM_003238_bp824_R	AGCTAAGACAGGAACCTGGGATTTAAATCTCTTGAATTTAAATCCCAGGTTCCTGTCGG	Hs.133379	6483	-0.7534375	0.49556015	0.022365629					-1.2321625	0.98966007	0.019440342							
TGFB2	NM_003238_bp824_R	AGCTAAAGACAGGAACCTGGGATTTAAATCTCTTGAATTTAAATCCCAGGTTCCTGTCGG	Hs.133379	11859	-0.7082625	0.53792575	0.033993833					-1.38461667	1.180358	0.034656852							
TGFB3	NM_003239_bp1336_R	AGCTAAAAAGCTGGGACTGTACAACACTCTTTCCTTGAAAGAGTGTTGTACAGTCCAGCGG	Hs.592317	2139	-0.2031875	1.23238015	0.697701522					0.7323375	1.06352509	0.126906351							
TGFB3	NM_003239_bp1336_R	AGCTAAAAAGCTGGGACTGTACAACACTCTTTCCTTGAAAGAGTGTTGTACAGTCCAGCGG	Hs.592317	7515	-0.2632625	1.30681836	0.635148547					0.7525375	1.22814553	0.157581905							
TGFB3	NM_003239_bp1336_R	AGCTAAAAAGCTGGGACTGTACAACACTCTTTCCTTGAAAGAGTGTTGTACAGTCCAGCGG	Hs.592317	12891	-0.2690125	1.22567209	0.607454301					0.8782875	1.63863428	0.194538995							
TGFB3	NM_003239_bp544_R	AGCTAAAAGTCGGAATACTATGCCAAAGATCTCTTGAATCTTTGGCATAGTATTCCGACGG	Hs.592317	1105	-0.5888375	0.14623602	0.008664725					-0.1695375	0.76990591	0.620062263							
TGFB3	NM_003239_bp544_R	AGCTAAAAGTCGGAATACTATGCCAAAGATCTCTTGAATCTTTGGCATAGTATTCCGACGG	Hs.592317	6481	0.0140625	0.27687577	0.93648847					-0.0110875	1.02582936	0.97890749							
TGFB3	NM_003239_bp544_R	AGCTAAAAGTCGGAATACTATGCCAAAGATCTCTTGAATCTTTGGCATAGTATTCCGACGG	Hs.592317	11857	0.6543375	0.39682775	0.022326145					0.1011625	1.18754065	0.830964794							
TGFB3	NM_003239_bp986_R	AGCTAAAAGTGATGGAAATCAAATTCAAATCTCTTGAATTTGAATTTGATTTCCATCACGG	Hs.592317	1106	-0.9342375	0.27818241	0.002575362					0.2465125	0.54881929	0.385499689							
TGFB3	NM_003239_bp986_R	AGCTAAAAGTGATGGAAATCAAATTCAAATCTCTTGAATTTGAATTTGATTTCCATCACGG	Hs.592317	6482	-0.9861625	0.30296718	0.002384559					0.5965375	0.38150474	0.037111779							
TGFB3	NM_003239_bp986_R	AGCTAAAAGTGATGGAAATCAAATTCAAATCTCTTGAATTTGAATTTGATTTCCATCACGG	Hs.592317	11858	-0.8124125	0.28369115	0.004883594					0.2959125	0.55376005	0.306251382							
TGFBR1	NM_004612_bp1288_R	AGCTGAAAAGGGCTTAGTATTCTGGGAAATTCTCTTGAAATTTCCCAGAATACTAAGCCCGG	Hs.494622	306	-0.9166	0.5860501	0.071408395	0.3197													
TGFBR1	NM_004612_bp1288_R	AGCTGAAAAGGGCTTAGTATTCTGGGAAATTCTCTTGAAATTTCCCAGAATACTAAGCCCGG	Hs.494622	5682	0.40535	5.82269585	0.872906214	-5.1369	0.39824254	0.001208539											
TGFBR1	NM_004612_bp1288_R	AGCTGAAAAGGGCTTAGTATTCTGGGAAATTCTCTTGAAATTTCCCAGAATACTAAGCCCGG	Hs.494622	11058	0.197516667	5.52067953	0.934413335	-3.909333333	1.96449192	0.014939061											
TGFBR1	NM_004612_bp1379_R	AGCTGAAAAGCACCCATCAGTTGAAGAAATGTCTCTTGAACATTTCTTCAACTGATGGGTCGG	Hs.494622	307	-0.137575	1.07443366	0.764666404	0.508266667	0.78837977	0.264889668											
TGFBR1	NM_004612_bp1379_R	AGCTGAAAAGCACCCATCAGTTGAAGAAATGTCTCTTGAACATTTCTTCAACTGATGGGTCGG	Hs.494622	5683	-0.4898	0.52122688	0.096035887	0.594866667	1.04474556	0.297258121											
TGFBR1	NM_004612_bp1379_R	AGCTGAAAAGCACCCATCAGTTGAAGAAATGTCTCTTGAACATTTCTTCAACTGATGGGTCGG	Hs.494622	11059	-0.55235	0.51775999	0.068107415	0.6047	1.02527887	0.283906942											
TGFBR1	NM_004612_bp680_R	AGCTGAAAAGCGAGAACTATTGTGTTACAATCTCTTGAATGTAACACAATAGTTCTCGCGG	Hs.494622	308	-1.4564	1.53933428	0.087959974	0.638133333	2.1836764	0.550647905											
TGFBR1	NM_004612_bp680_R	AGCTGAAAAGCGAGAACTATTGTGTTACAATCTCTTGAATGTAACACAATAGTTCTCGCGG	Hs.494622	5684	-1.835566667	1.48474862	0.042818903	0.847466667	1.62630521	0.318607743											
TGFBR1	NM_004612_bp680_R	AGCTGAAAAGCGAGAACTATTGTGTTACAATCTCTTGAATGTAACACAATAGTTCTCGCGG	Hs.494622	11060	-2.016666667	1.09310924	0.011350608	0.404033333	0.64047359	0.634473459											
TGFBR2	NM_003242_bp1093_R	AGCTAAAAGTCGCTTTGCTGAGGTCTATATCTCTTGAATATAGACCTCAGCAAAGGCGACGG	Hs.82028	324	-0.144125	0.26275409	0.420831537	-0.123625	0.0542851	0.394274836											
TGFBR2	NM_003242_bp1093_R	AGCTAAAAGTCGCTTTGCTGAGGTCTATATCTCTTGAATATAGACCTCAGCAAAGGCGACGG	Hs.82028	5700	-0.1804	0.1897769	0.279070902	-0.1502875	0.07721885	0.314617657											
TGFBR2	NM_003242_bp1093_R	AGCTAAAAGTCGCTTTGCTGAGGTCTATATCTCTTGAATATAGACCTCAGCAAAGGCGACGG	Hs.82028	11076	-0.13815	0.19107985	0.396098217	-0.189587	0.10517532	0.228269325											
TGFBR2	NM_003242_bp1208_R	AGCTAAAAAGGACATCTTCTCAGACATCAATCTCTTGAATTGATGTCTGAGAAGATGTCCCGG	Hs.82028	337	0.0019	0.14245643	0.989736969	0.6432125	0.37996121	0.028231498								-0.3139	0.29585348	0.37424047	3.3745
TGFBR2	NM_003242_bp1208_R	AGCTAAAAAGGACATCTTCTCAGACATCAATCTCTTGAATTGATGTCTGAGAAGATGTCCCGG	Hs.82028	5713	0.14805	0.306514	0.437081428	0.5367625	0.23374604	0.024032083								-0.3137	0.33290587	0.409827849	3.4762
TGFBR2	NM_003242_bp1208_R	AGCTAAAAAGGACATCTTCTCAGACATCAATCTCTTGAATTGATGTCTGAGAAGATGTCCCGG	Hs.82028	11089	0.957925	0.74659034	0.029024284	0.7020125	0.88512482	0.127407577											4.1498
TGFBR2	NM_003242_bp1286_R	AGCTAAAAGGGGAAACAATACTGGCTGATTCTCTTGAAATCAGCCAGTATTGTTTCCCCGG	Hs.82028	338	0.036275	0.31355108	0.845907664	-0.4711125	0.22130302	0.034755618											
TGFBR2	NM_003242_bp1286_R	AGCTAAAAGGGGAAACAATACTGGCTGATTCTCTTGAAATCAGCCAGTATTGTTTCCCCGG	Hs.82028	5714	0.07955	0.29387721	0.66338059	-0.4781875	0.33373838	0.056744272											
TGFBR2	NM_003242_bp1286_R	AGCTAAAAGGGGAAACAATACTGGCTGATTCTCTTGAAATCAGCCAGTATTGTTTCCCCGG	Hs.82028	11090	0.153925	0.33117983	0.436181886	-0.5147625	0.24808842	0.029733735											
TGIF	NM_170695_bp1115_R	AGCTAAAAGGGCCAAGATTTCTGAAACGATCTCTTGAATCGTTTCAGAAATCTTGGCCCGG	Hs.373550	3516	-0.77365	0.71806835	0.052651427					-0.09911667	0.92225382	0.81576176							
TGIF	NM_170695_bp1115_R	AGCTAAAAGGGCCAAGATTTCTGAAACGATCTCTTGAATCGTTTCAGAAATCTTGGCCCGG	Hs.373550	8892	-0.59535	0.42514917	0.068325576					-0.4877625	0.17468824	0.042176513							
TGIF	NM_170695_bp1115_R	AGCTAAAAGGGCCAAGATTTCTGAAACGATCTCTTGAATCGTTTCAGAAATCTTGGCCCGG	Hs.373550	14268	-0.62135	0.03613316	0.077948562					-0.6585125	0.31477299	0.020289819							
TGIF	NM_170695_bp1306_R	AGCTAAAAGTGACTGCATTGAAAGATGTCTCTTGAAGACATCTTTCAATGCAGTCACGG	Hs.373550	3518	1.0365	0.35947527	0.002777617					0.3291875	0.25384934	0.151835702							
TGIF	NM_170695_bp1306_R	AGCTAAAAGTGACTGCATTGAAAGATGTCTCTTGAAGACATCTTTCAATGCAGTCACGG	Hs.373550	8894	1.0917	0.36085346	0.002228594					0.2260125	0.27350892	0.310033278							
TGIF	NM_170695_bp1306_R	AGCTAAAAGTGACTGCATTGAAAGATGTCTCTTGAAGACATCTTTCAATGCAGTCACGG	Hs.373550	14270	1.344125	0.67654413	0.005763647					0.1008625	0.30263045	0.664565817							
THBS1	NM_003246_bp1121_R	AGCTAAAAAGCCTCCC

TIAM2	AF120323_bp540_R	AGCTAAAAGTCGATGAACTTCTGCATATATCTCTTGAATATATGCAGAAGTTCATCGACGG		2107	-1.0875125	0.30805166	0.001592428						0.7123375	0.20418737	0.010134925
TIAM2	AF120323_bp540_R	AGCTAAAAGTCGATGAACTTCTGCATATATCTCTTGAATATATGCAGAAGTTCATCGACGG		7483	-1.3977125	0.18495768	0.000219405						0.7342625	0.48825293	0.025060941
TIAM2	AF120323_bp540_R	AGCTAAAAGTCGATGAACTTCTGCATATATCTCTTGAATATATGCAGAAGTTCATCGACGG		12859	-0.86735	0.60484246	0.043286303						0.7736625	0.42915131	0.016161754
TICAM1	NM_014261_bp524_R	AGCTAAAAGTCTCTCCCCTTGCCTATTCTTCTCTTGAAAGAATAGGCAAGGGGGAGAGACGG	Hs.29344	2330	0.050775	0.44021697	0.639673885						-0.5738875	0.40589721	0.060775337
TICAM1	NM_014261_bp524_R	AGCTAAAAGTCTCTCCCCTTGCCTATTCTTCTCTTGAAAGAATAGGCAAGGGGGAGAGACGG	Hs.29344	7706	0.033975	0.4386026	0.691772105						-0.6074375	0.55152661	0.077608761
TICAM1	NM_014261_bp524_R	AGCTAAAAGTCTCTCCCCTTGCCTATTCTTCTCTTGAAAGAATAGGCAAGGGGGAGAGACGG	Hs.29344	13082	-0.01425	0.4380225	0.852197592						-0.5720125	0.43028157	0.066180374
TICAM1	NM_014261_bp584_R	AGCTAAAAGCCACTCCAACTTTCTGTAGATCTCTTGAATCTACAGAAAGTTGGAGTGGCGG	Hs.29344	2342	-0.820125	0.49300342	0.018733273						-0.7071625	0.55951085	0.047443333
TICAM1	NM_014261_bp584_R	AGCTAAAAGCCACTCCAACTTTCTGTAGATCTCTTGAATCTACAGAAAGTTGGAGTGGCGG	Hs.29344	7718	-0.81305	0.47454353	0.017714764						-0.7703375	0.7394904	0.06142863
TICAM1	NM_014261_bp584_R	AGCTAAAAGCCACTCCAACTTTCTGTAGATCTCTTGAATCTACAGAAAGTTGGAGTGGCGG	Hs.29344	13094	-0.815825	0.46377594	0.016452242						-0.7818125	0.73945996	0.058448606
TICAM1	NM_014261_bp755_R	AGCTAAAAATCGGAACAGAAATTCTATAATCTCTTGAATTATAGAATTTCTGTTCCGATGG	Hs.29344	2340	-0.51745	0.54315223	0.112409035						0.4067875	0.37519018	0.089732888
TICAM1	NM_014261_bp755_R	AGCTAAAAATCGGAACAGAAATTCTATAATCTCTTGAATTATAGAATTTCTGTTCCGATGG	Hs.29344	7716	-0.597225	0.27877004	0.024331233						0.4701625	0.39312896	0.065053005
TICAM1	NM_014261_bp755_R	AGCTAAAAATCGGAACAGAAATTCTATAATCTCTTGAATTATAGAATTTCTGTTCCGATGG	Hs.29344	13092	-0.5818	0.27756353	0.027260724						0.5244625	0.33344561	0.038611208
TIFAB	021649_bp396_R	AGCTAAAAGTCCAGAACTGCTACAAGATTCTCTTGAAATCTTGTAGCAGATTCTGGACGG	Hs.28391	2909	0.970575	0.58393916	0.015438357						-0.2886	0.99985776	0.491544576
TIFAB	021649_bp396_R	AGCTAAAAGTCCAGAACTGCTACAAGATTCTCTTGAAATCTTGTAGCAGATTCTGGACGG	Hs.28391	8285	1.107025	0.40289393	0.002759404						-0.5009	0.78673547	0.178752156
TIFAB	021649_bp396_R	AGCTAAAAGTCCAGAACTGCTACAAGATTCTCTTGAAATCTTGTAGCAGATTCTGGACGG	Hs.28391	13661	1.3409	0.93690693	0.017458989						-0.588525	0.42024653	0.044246802
TIFAB	021649_bp599_R	AGCTAAAAGCAGCATAAATACAACTCTGTTCTCTTGAAACAGAGTTGTATTTATGCTGCGG	Hs.28391	2907	-1.15405	0.28198706	0.001018718						-0.2283	0.53703742	0.414428136
TIFAB	021649_bp599_R	AGCTAAAAGCAGCATAAATACAACTCTGTTCTCTTGAAACAGAGTTGTATTTATGCTGCGG	Hs.28391	8283	-1.031675	0.28612315	0.001743899						-0.244325	0.44692228	0.345283404
TIFAB	021649_bp599_R	AGCTAAAAGCAGCATAAATACAACTCTGTTCTCTTGAAACAGAGTTGTATTTATGCTGCGG	Hs.28391	13659	-1.034075	0.27505622	0.001603596						-0.213425	0.50379598	0.429789804
TIFAB	021649_bp743_R	AGCTAAAAGGAGTCTGTGTATAAGACACATCTCTTGAATGTGTCTTATACACAGACTCCGG	Hs.28391	2911	3.690325	0.70387085	6.29E-05						0.63405	0.54985662	0.052560634
TIFAB	021649_bp743_R	AGCTAAAAGGAGTCTGTGTATAAGACACATCTCTTGAATGTGTCTTATACACAGACTCCGG	Hs.28391	8287	3.349925	0.99246126	0.000414866						0.87575	0.68272363	0.026127677
TIFAB	021649_bp743_R	AGCTAAAAGGAGTCTGTGTATAAGACACATCTCTTGAATGTGTCTTATACACAGACTCCGG	Hs.28391	13663	3.40975	0.7453327	0.000116133						1.18145	0.70478038	0.008115148
TIE1	NM_005424_bp3139_R	AGCTAAAAGGCGATTGAGTCCTGAACTATCTCTTGAATAGTTCAGGGACTCAATGGCCGG	Hs.78824	413	-0.8122	1.1482104	0.139197461	-0.8197								
TIE1	NM_005424_bp3139_R	AGCTAAAAGGCCATTGAGTCCCTGAACTATCTCTTGAATAGTTCAGGGACTCAATGGCCGG	Hs.78824	5789	-0.767125	1.02979684	0.126216283	-0.4328	1.7119865	0.606409067						
TIE1	NM_005424_bp3139_R	AGCTAAAAGGCCATTGAGTCCTGAACTATCTCTTGAATAGTTCAGGGACTCAATGGCCGG	Hs.78824	11165	-0.876983133	1.09332135	0.13873779	-0.056056667	1.62300655	0.942841948						
TIE1	NM_005424_bp3301_R	AGCTAAAAGGCCTCGAAACTGTGACGATGATCTCTTGAATCATCGTCACAGTTTCGAGGCGG	Hs.78824	5790	-5.80645			4.5655								
TIE1	NM_005424_bp3301_R	AGCTAAAAGGCCTCGAAACTGTGACGATGATCTCTTGAATCATCGTCACAGTTTCGAGGCGG	Hs.78824	11166				3.4642								
TIE1	NM_005424_bp3301_R	AGCTAAAAGGCCTCGAAACTGTGACGATGATCTCTTGAATCATCGTCACAGTTTCGAGGCGG	Hs.78824	414				0.5033								
TIFAB	NM_052864_bp1342_R	AGCTAAAAAGGAGGACTTATTTGAGAAATATCTCTTGAATATTTCTCAAATAAGTCCTCCGG	Hs.310640	2433	-0.4897	0.3622714	0.071023652						0.3093375	0.48677176	0.203635291
TIFAB	NM_052864_bp1342_R	AGCTAAAAAGGAGGACTTATTTGAGAAATATCTCTTGAATATTTCTCAAATAAGTCCTCCGG	Hs.310640	7809	-0.1394	0.70600914	0.789031149						0.2790875	0.57022839	0.274279192
TIFAB	NM_052864_bp1342_R	AGCTAAAAAGGAGGACTTATTTGAGAAATATCTCTTGAATATTTCTCAAATAAGTCCTCCGG	Hs.310640	13185	-0.149225	0.3054054	0.613679686						0.0841375	0.50955877	0.633078613
TIFAB	NM_052864_bp418_R	AGCTAAAAAGTGGTGAAATTTGGCCGAAATTCTCTTGAAATTTCGGCCAAATTTCACCACGG	Hs.310640	2431	0.09055	0.67136374	0.639658473						1.3738125	3.0753728	0.242824444
TIFAB	NM_052864_bp418_R	AGCTAAAAGTGGTGAAATTTGGCCGAAATTCTCTTGAAATTTCGGCCAAATTTCACCACGG	Hs.310640	7807	0.0463	0.69228026	0.747190596						1.3710375	2.87304911	0.21643992
TIFAB	NM_052864_bp418_R	AGCTAAAAGTGGTGAAATTTGGCCGAAATTCTCTTGAAATTTCGGCCAAATTTCACCACGG	Hs.310640	13183	0.003575	0.64877094	0.84129655						1.2376875	2.84851425	0.254100993
TIFAB	NM_052864_bp609_R	AGCTAAAAAGGACCTGCCATACAGGTGCATTCTCTTGAAATGCACCTGTATGGCAGGTCCGG	Hs.310640	1429	-0.45485	0.1844253	0.040506409						-0.1190125	0.45058557	0.759905695
TIFAB	NM_052864_bp609_R	AGCTAAAAAGGACCTGCCATACAGGTGCATTCTCTTGAAATGCACCTGTATGGCAGGTCCGG	Hs.310640	6805	-0.4042	0.18505224	0.068434053						-0.1698875	0.26703451	0.553288963
TIFAB	NM_052864_bp609_R	AGCTAAAAAGGACCTGCCATACAGGTGCATTCTCTTGAAATGCACCTGTATGGCAGGTCCGG	Hs.310640	12181	-0.345775	0.13345058	0.094645271						-0.1569625	0.28475693	0.598419137
TIMP2	NM_003255_bp461_R	AGCTAAAAAGGAAGTGGACTCTGGAAACGATCTCTTGAATCGTTTCCAGAGTCCACTTCCGG	Hs.104839	1084	-0.0338625	0.41116198	0.875219022						0.0040375	0.57363539	0.988553588
TIMP2	NM_003255_bp461_R	AGCTAAAAAGGAAGTGGACTCTGGAAACGATCTCTTGAATCGTTTCCAGAGTCCACTTCCGG	Hs.104839	6460	0.1013875	0.36744059	0.620203691						0.0704125	0.6751899	0.820760238
TIMP2	NM_003255_bp461_R	AGCTAAAAAGGAAGTGGACTCTGGAAACGATCTCTTGAATCGTTTCCAGAGTCCACTTCCGG	Hs.104839	11836	-0.1081875	0.42367668	0.626273516						0.0479375	0.53800149	0.860221071
TIMP2	NM_003255_bp503_R	AGCTAAAAAGAGGATCCAGTATGAGATCAATCTCTTGAATTGATCTCATACTGGATCCTCGG	Hs.104839	1083	-0.7090875	0.25813113	0.007371838						0.0214625	0.24122311	0.917605252
TIMP2	NM_003255_bp503_R	AGCTAAAAAGAGGATCCAGTATGAGATCAATCTCTTGAATTGATCTCATACTGGATCCTCGG	Hs.104839	6459	-0.6763875	0.25189371	0.008614751						0.0581625	0.24926906	0.781142314
TIMP2	NM_003255_bp503_R	AGCTAAAAAGAGGATCCAGTATGAGATCAATCTCTTGAATTGATCTCATACTGGATCCTCGG	Hs.104839	11835	-0.6953625	0.24202909	0.007265447						0.0761625	0.21591506	0.710041621
TIMP2	NM_003255_bp863_R	AGCTAAAAAGGCCAAGTTCTTCGCCTGCATTTCCTTGAAATGCAGGCGAAGAACTTGGCCGG	Hs.104839	1085	-0.6974375	0.50604947	0.030912131						0.4068875	0.72697576	0.239739171
TIMP2	NM_003255_bp863_R	AGCTAAAAAGGCCAAGTTCTTCGCCTGCATTTCCTTGAAATGCAGGCGAAGAACTTGGCCGG	Hs.104839	6461	-0.5030875	0.67885496	0.146028589						0.3279125	0.71189935	0.327435061
TIMP2	NM_003255_bp863_R	AGCTAAAAAGGCCAAGTTCTTCGCCTGCATTTCCTTGAAATGCAGGCGAAGAACTTGGCCGG	Hs.104839	11837	-0.6836375	0.51643168	0.034725572						0.3831375	0.70574079	0.256846811
TIMP3	NM_000362_bp1505_R	AGCTAAAAGTCGCGTCTATGATGGCAAGATCTCTTGAATCTTGCCATCATAGACGCGACGG	Hs.297324	1082	3.4743875	0.52474373	2.81E-05						0.9426375	1.70914039	0.182264017
TIMP3	NM_000362_bp1505_R	AGCTAAAAGTCGCGTCTATGATGGCAAGATCTCTTGAATCTTGCCATCATAGACGCGACGG	Hs.297324	6458	3.4680625	0.52756703	2.89E-05						0.9568375	1.61055658	0.157145185
TIMP3	NM_000362_bp1505_R	AGCTAAAAGTCGCGTCTATGATGGCAAGATCTCTTGAATCTTGCCATCATAGACGCGACGG	Hs.297324	11834	3.4719625	0.49985512	2.38E-05						0.9141625	1.70944297	0.194010159
TIMP3	NM_000362_bp1587_R	AGCTAAAAAGGGGCTGAACTATCGGTATCATCTCTTGAATGATACCGATAGTTCAGCCCCGG	Hs.297324	2103	-0.2454875	0.3358531	0.237919587						-0.8349875	0.22742283	0.00527597
TIMP3	NM_000362_bp1587_R	AGCTAAAAAGGGGCTGAACTATCGGTATCATCTCTTGAATGATACCGATAGTTCAGCCCCGG	Hs.297324	7479	-0.1697625	0.2762928	0.357841645						-0.7386875	0.25036183	0.009998069
TIMP3	NM_000362_bp1587_R	AGCTAAAAAGGGGCTGAACTATCGGTATCATCTCTTGAATGATACCGATAGTTCAGCCCCGG	Hs.297324	12855	-0.1931375	0.23045144	0.273335173						-0.8375125	0.23882287	0.005410511
TIMP3	NM_000362_bp1611_R	AGCTAAAAAGGGGTTGAACTGCAAGATCAATCTCTTGAATTGATCTTGCAGTTACAACCCGG	Hs.297324	1081	0.8832875	0.27641115	0.003255993						0.5821375	0.45769413	0.055138041
TIMP3	NM_000362_bp1611_R	AGCTAAAAAGGGGTTGAACTGCAAGATCAATCTCTTGAATTGATCTTGCAGTTACAACCCGG	Hs.297324	6457	0.8081875	0.37633597	0.008838904						0.5147875	0.43249397	0.070877678
TIMP3	NM_000362_bp1611_R	AGCTAAAAAGGGGTTGAACTGCAAGATCAATCTCTTGAATTGATCTTGCAGTTACAACCCGG	Hs.297324	11833	0.8791375	0.20573025	0.00214113						0.5455875	0.43051328	0.058787096
TIMP4	NM_003256_bp192_R	AGCTAAAAAGACACTTGTGATTCGGGCCAAATCTCTTGAATTTGGCCCGAATCACAAGTGCGG	Hs.591665	2101	-0.4006625	0.27153146	0.061067541						0.2272125	0.63122787	0.456067565
TIMP4	NM_003256_bp192_R	AGCTAAAAAGACACTTGTGATTCGGGCCAAATCTCTTGAATTTGGCCCGAATCACAAGTGCGG	Hs.591665	7477	-0.2724125	0.24825442	0.151369945						0.2974875	0.65987292	0.349192473
TIMP4	NM_003256_bp192_R	AGCTAAAAAGACACTTGTGATTCGGGCCAAATCTCTTGAATTTGGCCCGAATCACAAGTGCGG	Hs.591665	12853	-0.3295375	0.27754897	0.106990344						0.2139375	0.52930572	0.439566751
TIMP4	NM_003256_bp323_R	AGCTAAAAGATGTTCAGTATATCTATACTCTCTTGAAGTATAGATATACTGAACATCCGG	Hs.591665	2099	0.7450375	0.40053091	0.014029949						0.4211375	0.6519159	0.197530257
TIMP4	NM_003256_bp323_R	AGCTAAAAAGATGTTCAGTATATCTATACTCTCTTGAAGTATAGATATACTGAACATCCGG	Hs.591665	7475	0.7231125	0.38773124	0.014634375						0.3868375	0.63940679	0.226768356
TIMP4	NM_003256_bp323_R	AGCTAAAAAGATGTTCAGTATATCTATACTCTCTTGAAGTATAGATATACTGAACATCCGG	Hs.591665	12851	0.7752375	0.39838691	0.011877079						0.3946875	0.67943974	0.234063675
TIMP4	NM_003256_bp632_R	AGCTAAAAAGGCTCAGCATTATGTCTGTATTCTCTTGAAATACAGACATAATGCTGAGCCGG	Hs.591665	1068	-0.4571875	0.23904665	0.034620841						-0.0290125	0.26881556	0.891163016
TIMP4	NM_003256_bp632_R	AGCTAAAAAGGCTCAGCATTATGTCTGTATTCTCTTGAAATACAGACATAATGCTGAGCCGG	Hs.591665	6444	-0.5649125	0.13290379	0.009671711						-0.0390625	0.31556297	0.859454211
TIMP4	NM_003256_bp632_R	AGCTAAAAAGGCTCAGCATTATGTCTGTATTCTCTTGAAATACAGACATAATGCTGAGCCGG	Hs.591665	11820	-0.3836125	0.43420823	0.129878304						-0.1023625	0.38255575	0.664483573
TIRAP	NM_052887_bp1000_R	AGCTAAAAGAGCTCCGATTCATGTACTACTCTCTTGAAGTAGTACATGAATCGGAGCTCGG		1367	1.772175	0.97851112	0.00610694						0.3335875	0.91869446	0.345435106
TIRAP	NM_052887_bp1000_R	AGCTAAAAAGAGCTCCGATTCATGTACTACTCTCTTGAAGTAGTACATGAATCGGAGCTCGG		6743	1.81255	1.02407509	0.006734559						0.2964625	0.91793177	0.391654444
TIRAP	NM_052887_bp1000_R	AGCTAAAAAGAGCTCCGATTCATGTACTACTCTCTTGAAGTAGTACATGAATCGGAGCTCGG		12119	1.6856	0.98579223	0.007745253						0.3349125	0.87832092	0.328725896
TIRAP	NM_052887_bp1043_R	AGCTAAAAGTGGCTTTCGTCAAGTCAAAGTCTCTTGAACTTTGACTTGACGAAAGCCACGG		7715	0.939225	0.19274958	0.000960111						-0.3858375	0.12213282	0.113644094
TIRAP	NM_052887_bp1043_R	AGCTAAAAGTGGCTTTCGTCAAGTCAAAGTCTCTTGAACTTTGACTTGACGAAAGCCACGG		13091	0.910075	0.19669007	0.001139286						-0.3248625	0.22509268	0.202431672
TIRAP	NM_052887_bp1043_R	AGCTAAAAGTGGCTTTCGTCAAGTCAAAGTCTCTTGAACTTTGACTTGACGAAAGCCACGG		2339	1.002775	0.35090449	0.001973881						-0.4912375	0.20743305	0.060600126
TIRAP	NM_052887_bp488_R	AGCTAAAAAGCAAGATGGCTGACTGGTTCATCTCTTGAATGAACCAGTCAGCCATCTTGCGG		2341	-1.131275	0.340852	0.001742172						-0.7227625	0.34983321	0.0207623
TIRAP	NM_052887_bp488_R	AGCTAAAAAGCAAGATGGCTGACTGGTTCATCTCTTGAATGAACCAGTCAGCCATCTTGCGG		7717	-1.130675	0.31307339	0.001468874						-0.6712875	0.4070763	0.034377544
TIRAP	NM_052887_bp488_R	AGCTAAAAAGCAAGATGGCTGACTGGTTCATCTCTTGAATGAACCAGTCAGCCATCTTGCGG		13093	-1.1636	0.34713734	0.001610393						-0.6575375	0.39217077	0.035384049
TLE1	NM_005077_bp1325_R	AGCTAAAAGTTTCCACTTCTTTTGAAATCCATCTCTTGAATGGATTTCAAAGAAGTGGAACCG	Hs.197320	4968	-0.5261875	0.16208216	0.014492717	0.443725	0.66029855	0.204140619						
TLE1	NM_005077_bp1325_R	AGCTAAAAGTTTCCACTTCTTTTGAAATCCATCTCTTGAATGGATTTCAAAGAAGTGGAACCG	Hs.197320	10344	-0.5350875	0.08608552	0.010187366	0.215225	0.5640109	0.455937645						
TLE1	NM_005077_bp1325_R	AGCTAAAAGTTTCCACTTCTTTTGAAATCCATCTCTTGAATGGATTTCAAAGAAGTGGAACCG	Hs.197320	15720	-0.4654125	0.06889672	0.016745911	0.4586625	0.64828298	0.186510901						
TLE1	NM_005077_bp1373_R	AGCTAAAAGCACGCCTGTTCTGAAATCCATCTCTTGAATGGATTTCAGAACAGGCGTGCGG	Hs.197320	4964	-0.0341875	0.17612374	0.82431021	-0.3326125	0.65823298	0.320627538						
TLE1	NM_005077_bp1373_R	AGCTAAAAGCACGCCTGTTCTGAAATCCATCTCTTGAATGGATTTCAGAACAGGCGTGCGG	Hs.197320	10340	0.0377375	0.05939792	0.785372013	0.0049875	0.27291962	0.977917385						
TLE1	NM_005077_bp1373_R	AGCTAAAAGCACGCCTGTTCTGAAATCCATCTCTTGAATGGATTTCAGAACAGGCGTGCGG	Hs.197320	15716	0.1020875	0.07378453	0.475526822	0.0201125	0.21810476	0.903469564						
TLE1	NM_005077_bp2547_R	AGCTAAAAGTCCCTGAAATTTGCTTACTGTCTCTTGAACAGTAAGCAAATTTCAGGGACGG	Hs.197320	4966	1.0055875	0.27095718	0.001770093	0.1851125	1.07823022	0.705056311						
TLE1	NM_005077_bp2547_R	AGCTAAAAGTCCCTGAAATTTGCTTACTGTCTCTTGAACAGTAAGCAAATTTCAGGGACGG	Hs.197320	10342	0.9713875	0.22423432	0.00153163	0.1552125	0.93555302	0.717810011						
TLE1	NM_005077_bp2547_R	AGCTAAAAGTCCCTGAAATTTGCTTACTGTCTCTTGAACAGTAAGCAAATTTCAGGGACGG	Hs.197320	15718	1.1502875	0.21397759	0.000660214	-0.0466625	1.12807701	0.926488034						
TLE2	NM_003260_bp1894_R	AGCTAAAAGCCAGCTGCATTGATATTTCCTCTCTTGAAGGAAATATCAATGCAGCTGGCCGG	Hs.332173	4637	0.8534375	0.29605446	0.004280086	0.2654875	0.29693075	0.200415146						
TLE2	NM_003260_bp1894_R	AGCTAAAAGCCAGCTGCATTGATATTTCCTCTCTTGAAGGAAATATCAATGCAGCTGGCCGG	Hs.332173	10013	0.8272625	0.22812434	0.003202676	0.2879125	0.4104798	0.23770485						
TLE2	NM_003260_bp1894_R	AGCTAAAAGCCAGCTGCATTGATATTTCCTCTCTTGAAGGAAATATCAATGCAGCTGGCCGG	Hs.332173	15389	0.6209125	0.27915145	0.014125587	0.3667625	0.26267516	0.086608714						
TLE2	NM_003260_bp288_R	AGCTAAAAGCAGCAATTATGTCATGTATCTCTTGAATACATGACATAATGTCGCTGCGG	Hs.332173	4633	0.3209125	0.224206	0.094120253	0.0261875	0.69356515	0.936556214						
TLE2	NM_003260_bp288_R	AGCTAAAAGCAGCAATTATGTCATGTATCTCTTGAATACATGACATAATGTCGCTGCGG	Hs.332173	10009	0.3098875	0.16603184	0.084472342	0.2343875	0.72646465	0.50463572						
TLE2	NM_003260_bp288_R	AGCTAAAAGCAGCAATTATGTCATGTATCTCTTGAATACATGACATAATGTCGCTGCGG	Hs.332173	15385	0.2799625	0.13457215	0.100686382	0.2607875	0.73274845	0.463667787						
TLE2	NM_003260_bp326_R	AGCTAAAAGCTCAACATTGAAATGCATATCTCTTGAATATGCATTTCAATGTTGAGCCGG	Hs.332173	4635	0.5991625	0.3490259	0.023743348	0.1911375	0.49116064	0.463082009						
TLE2	NM_003260_bp326_R	AGCTAAAAGCTCAACATTGAAATGCATATCTCTTGAATATGCATTTCAATGTTGAGCCGG	Hs.332173	10011	0.5384625	0.14826783	0.012472704	0.0372875	0.40968447	0.867580055						
TLE2	NM_003260_bp326_R	AGCTAAAAGCTCAACATTGAAATGCATATCTCTTGAATATGCATTTCAATGTTGAGCCGG	Hs.332173	15387	0.9516125	0.18338589	0.001314982	0.7611875	0.38883965	0.016592016						
TLE3	AB046767_bp1272_R	AGCTAAAGCAGCGCCATTATGTGATGTATCTCTTGAATACATCACATAATGGCGCTGCGG	Hs.287362	4639	-0.4923375	0.24733445	0.027988664	0.0363125	0.44226398	0.87714049						
TLE3	AB046767_bp1272_R	AGCTAAAAGCAGCGCCATTATGTGATGTATCTCTTGAATACATCACATAATGGCGCTGCGG	Hs.287362	10015	-0.3579875	0.36146836	0.118703819	0.0602125	0.41995559	0.791487529						
TLE3	AB046767_bp1272_R	AGCTAAAAGCAGCGCCATTATGTGATGTATCTCTTGAATACATCACATAATGGCGCTGCGG	Hs.287362	15391	-0.9520625	0.87326357	0.046223175	-0.3525875	0.9407951	0.482547526						
TLE3	AB046767_bp1302_R	AGCTAAAAGTCCTATGGCTTGAACATTGATCTCTTGAATCAATGTTCAAGCCATAGGACGG	Hs.287362	4641	1.5251125	0.35330764	0.000456206	0.2587125	1.3697314	0.255419049						
TLE3	AB046767_bp1302_R	AGCTAAAAGTCCTATGGCTTGAACATTGATCTCTTGAATCAATGTTCAAGCCATAGGACGG	Hs.287362	10017	1.4798375	0.28295094	0.000320415	0.1805875	0.49754667	0.490426151						
TLE3	AB046767_bp1302_R	AGCTAAAAGTCCTATGGCTTGAACATTGATCTCTTGAATCAATGTTCAAGCCATAGGACGG	Hs.287362	15393	0.1518125	2.01300738	0.854979696	0.4702375	0.29541784	0.049849443						
TLE3	AB046767_bp3357_R	AGCTAAAGGCCACAGTTTATGAGGTCATTCCTCTTGAATGACCTCATAAACTGTGGCCGG	Hs.287362	4643	-0.6253875	0.08946739	0.005431591	-0.1025375	0.21765532	0.544829692						
TLE3	AB046767_bp3357_R	AGCTAAAGGCCACAGTTTATGAGGTCATTCCTCTTGAATGACCTCATAAACTGTGGCCGG	Hs.287362	10019	-0.4262375	0.18677691	0.034561168	-0.1698625	0.07352335	0.261930696						
TLE3	AB046767_bp3357_R	AGCTAAAGGCCACAGTTTATGAGGTCATTCCTCTTGAATGACCTCATAAACTGTGGCCGG	Hs.287362	15395	-0.2948625	0.13769557	0.088638794	-0.3015125	0.12712118	0.088493103						
TLE4	NM_007005_bp1017_R	AGCTAAAAGCAGCGGCATTATGTCATGTATCTCTTGAATACATGACATAATGCCGGCTGCGG	Hs.444213	4647	2.0279125	0.17304945	0.112520038	0.1393875	0.1260707	0.366624558						
TLE4	NM_007005_bp1017_R	AGCTAAAAGCAGCGGCATTATGTCATGTATCTCTTGAATACATGACATAATGCCGGCTGCGG	Hs.444213	10023	0.3107625	0.11963125	0.072951315	0.0042625	0.04399105	0.975303621						
TLE4	NM_007005_bp1017_R	AGCTAAAAGCAGCGGCATTATGTCATGTATCTCTTGAATACATGACATAATGCCGGCTGCGG	Hs.444213	15399	0.4006625	0.62309276	0.202582135	-0.1414375	0.14563035	0.370033428						
TLE4	NM_007005_bp1361_R	AGCTAAAAGTCAGTCCCATCTTCCAATTATCTCTTGAATAATTGGAAGATGGGACTGACGG	Hs.444213	4645	0.0680125	0.12756617	0.643912482	0.3728625	0.33078668	0.10881809						
TLE4	NM_007005_bp1361_R	AGCTAAAAGTCAGTCCCATCTTCCAATTATCTCTTGAATAATTGGAAGATGGGACTGACGG	Hs.444213	10021	0.1428125	0.13892074	0.354465326	0.3130875	0.32421687	0.15764775						
TLE4	NM_007005_bp1361_R	AGCTAAAAGTCAGTCCCATCTTCCAATTATCTCTTGAATAATTGGAAGATGGGACTGACGG	Hs.444213	15397	-0.8828375	1.90905777	0.29164912	0.2930625	2.20471447	0.121413566						
TLE4	NM_007005_bp3123_R	AGCTAAAAGGCCACAGTTTATGAAGTTATTCCTCTTGAAATAACCTTCATAAACTGTGGCCGG	Hs.444213	4649	-0.0884875	0.27377615	0.619080823	-0.0400375	0.39802442	0.855422238						
TLE4	NM_007005_bp3123_R	AGCTAAAAGGCCACAGTTTATGAAGTTATTCCTCTTGAAATAACCTTCATAAACTGTGGCCGG	Hs.444213	10025	-0.0552125	0.21843017	0.735308828	-0.2077125	0.37359563	0.351175797						
TLE4	NM_007005_bp3123_R	AGCTAAAAGGCCACAGTTTATGAAGTTATTCCTCTTGAAATAACCTTCATAAACTGTGGCCGG	Hs.444213	15401	-0.0763875	0.31943376	0.686995739	-0.0646625	0.81552417	0.865436312						
TLE6	BC020206_bp1306_R	AGCTAAAAGTCAGGGACCTCAAGGGTTATTCCTCTTGAAATAACCCTTGAGGTCCCTGACGG	Hs.334507	4651	0.1396875	0.16610647	0.377655312	-0.2800875	0.40887152	0.247715184						
TLE6	BC020206_bp1306_R	AGCTAAAAGTCAGGGACCTCAAGGGTTATTCCTCTTGAAATAACCCTTGAGGTCCCTGACGG	Hs.334507	10027	0.0727125	0.11174207	0.616626283	-0.2968125	0.4673898	0.259913146						
TLE6	BC020206_bp1306_R	AGCTAAAAGTCAGGGACCTCAAGGGTTATTCCTCTTGAAATAACCCTTGAGGTCCCTGACGG	Hs.334507	15403	0.5325125	2.54184388	0.614124406	-0.3953125	0.86986117	0.348458815						
TLE6	BC020206_bp1350_R	AGCTAAAAGGTTCAAGGGCTACAACATCTGTCTCTTGAACAGATGTTGTAGCCCTTGACCGG	Hs.334507	4655	0.5096625	0.6399859	0.127357396	-0.4257125	0.45073869	0.123228214						
TLE6	BC020206_bp1350_R	AGCTAAAAGGTTCAAGGGCTACAACATCTGTCTCTTGAACAGATGTTGTAGCCCTTGACCGG	Hs.334507	10031	0.5371875	0.52234229	0.075063728	-0.4258375	0.41145352	0.106969808						
TLE6	BC020206_bp1350_R	AGCTAAAAGGTTCAAGGGCTACAACATCTGTCTCTTGAACAGATGTTGTAGCCCTTGACCGG	Hs.334507	15407	0.6174625	0.48815282

TLR1	NM_003263_bp296_R	AGCTAAAAGCCATTATCTTCATGTTAATATCTCTTGAATATTAACATGAAGATAATGGCGG	Hs.575090	6889	-1.0518	0.35002967	0.00344521				-0.2020375	0.31036124	0.476060575
TLR1	NM_003263_bp296_R	AGCTAAAAGCCATTATCTTCATGTTAATATCTCTTGAATATTAACATGAAGATAATGGCGG	Hs.575090	12265	-0.935475	0.23363706	0.002683171				-0.4131625	0.18686452	0.100633438
TLR1	NM_003263_bp850_R	AGCTAAAAAGCACATTGTGTTCCCCACAAATCTCTTGAATTTGTGGGGGAACACAATGTGCGG	Hs.575090	1514	-0.885366667	0.92793352	0.121799866				1.4030625	1.3644488	0.029316555
TLR1	NM_003263_bp850_R	AGCTAAAAGCACATTGTGTTCCCCACAAATCTCTTGAATTTGTGGGGGAACACAATGTGCGG	Hs.575090	6890	-0.86795	0.61572908	0.032588314				1.0678875	1.09183868	0.038570886
TLR1	NM_003263_bp850_R	AGCTAAAAGCACATTGTGTTCCCCACAAATCTCTTGAATTTGTGGGGGAACACAATGTGCGG	Hs.575090	12266	-0.8542	0.72882643	0.052429642				1.3066125	1.27738263	0.03062193
TLR1	NM_006068_bp1348_R	AGCTAAAAAGAGAGTATAGTGGTGTTAAATTCTCTTGAAATTTAACACCACTATACTCTCGG	Hs.575090	2439	-0.61315						0.051183333	0.36306223	0.734776204
TLR1	NM_006068_bp1348_R	AGCTAAAAGAGAGTATAGTGGTGTTAAATTCTCTTGAAATTTAACACCACTATACTCTCGG	Hs.575090	13191	-0.7474	0.30393214	0.027887212				0.1286375	0.35373954	0.460650773
TLR1	NM_006068_bp1348_R	AGCTAAAAGCCATCCTATTGTGAGTTTCATCTCTTGAATGAAACTCACAATAGGATGGCGG	Hs.575090	7815	-0.650433333	0.38952274	0.058784965				0.0655375	0.21798443	0.598031314
TLR1	NM_006068_bp416_R	AGCTAAAAGCCATCCTATTGTGAGTTTCATCTCTTGAATGAAACTCACAATAGGATGGCGG	Hs.575090	1432	-0.6666	0.11752549	0.006091516				-0.3415375	0.12426824	0.156559864
TLR1	NM_006068_bp416_R	AGCTAAAAGCCATCCTATTGTGAGTTTCATCTCTTGAATGAAACTCACAATAGGATGGCGG	Hs.575090	6808	-0.63015	0.10226317	0.007470488				-0.1902375	0.23560934	0.482637749
TLR1	NM_006068_bp416_R	AGCTAAAAGCCATCCTATTGTGAGTTTCATCTCTTGAATGAAACTCACAATAGGATGGCGG	Hs.575090	12184	-0.588175	0.05405116	0.009745373				-0.2622875	0.07500538	0.271999438
TLR1	NM_006068_bp887_R	AGCTAAAAAGGCCCAAACCTGTGGAATATCTCTCTTGAAGATATTCCACAGGTTTGGGCCGG	Hs.575090	1431	-0.4583	0.35169033	0.09022736				0.8098125	0.88808961	0.05418263
TLR1	NM_006068_bp887_R	AGCTAAAAAGGCCCAAACCTGTGGAATATCTCTCTTGAAGATATTCCACAGGTTTGGGCCGG	Hs.575090	6807	-0.38425	0.48526803	0.222776447				0.5232375	0.75687853	0.126717645
TLR1	NM_006068_bp887_R	AGCTAAAAAGGCCCAAACCTGTGGAATATCTCTCTTGAAGATATTCCACAGGTTTGGGCCGG	Hs.575090	12183	-0.40085	0.36925088	0.143811702				0.6475625	0.58612625	0.043559507
TLR10	NM_030956_bp2182_R	AGCTAAAAAGACGTTCATCTCCACGAATTATCTCTTGAATAATTCGTGGAGATGAACGTCGG	Hs.120551	2644	-0.229725	0.08247172	0.255004572				-0.2093875	0.14568862	0.406384403
TLR10	NM_030956_bp2182_R	AGCTAAAAAGACGTTCATCTCCACGAATTATCTCTTGAATAATTCGTGGAGATGAACGTCGG	Hs.120551	8020	-0.18697	0.04642945	0.365524233				-0.1680375	0.1330485	0.525524975
TLR10	NM_030956_bp2182_R	AGCTAAAAAGACGTTCATCTCCACGAATTATCTCTTGAATAATTCGTGGAGATGAACGTCGG	Hs.120551	13396	-0.1746	0.10001316	0.434052684				-0.2274125	0.20126976	0.375157137
TLR10	NM_030956_bp2756_R	AGCTAAAAAGGCCCAAGGATAGGCGTAAATTCTCTTGAAATTTACGCCTATCCTTGGGCCGG	Hs.120551	1518	-0.259875	0.37884698	0.361882562				0.1695875	0.81451299	0.552595361
TLR10	NM_030956_bp2756_R	AGCTAAAAAGGCCCAAGGATAGGCGTAAATTCTCTTGAAATTTACGCCTATCCTTGGGCCGG	Hs.120551	6894	-0.140675	0.8366605	0.82467108				-0.2490875	0.87405117	0.584567614
TLR10	NM_030956_bp2756_R	AGCTAAAAGGCCCAAGGATAGGCGTAAATTCTCTTGAAATTTACGCCTATCCTTGGGCCGG	Hs.120551	12270	-0.11745	0.60154244	0.83457131				-0.3299125	0.8466522	0.441728953
TLR10	NM_030956_bp639_R	AGCTAAAAAGACACTGGATTTATCCTATAATCTCTTGAATTATAGGATAAATCCAGTGTCGG	Hs.120551	1519	0.0466	0.91922888	0.790637742				-1.0357833	1.24195938	0.106287541
TLR10	NM_030956_bp639_R	AGCTAAAAAGACACTGGATTTATCCTATAATCTCTTGAATTATAGGATAAATCCAGTGTCGG	Hs.120551	6895	-0.151625	0.18667797	0.541895128				-1.1489625	1.04034177	0.035010111
TLR10	NM_030956_bp639_R	AGCTAAAAAGACACTGGATTTATCCTATAATCTCTTGAATTATAGGATAAATCCAGTGTCGG	Hs.120551	12271	-0.2088	0.21389124	0.360490119				-0.9244625	1.24737422	0.112543254
TLR2	NM_003264_bp1369_R	AGCTAAAAAGAGACTTTGCTCACTCTGAAATCTCTTGAAATTTCACAGGTGAGCAAAGTCTCGG	Hs.519033	2529	-0.244025	0.39846537	0.379383351				0.550216667	0.44555365	0.088061274
TLR2	NM_003264_bp1369_R	AGCTAAAAAGAGACTTTGCTCACTCTGAAATCTCTTGAAATTTCACAGGTGAGCAAAGTCTCGG	Hs.519033	7905	-0.30715	0.38530387	0.243211088				0.2346125	0.73933926	0.413143624
TLR2	NM_003264_bp1369_R	AGCTAAAAGAGACTTTGCTCACTCTGAAATCTCTTGAAATTTCACAGGTGAGCAAAGTCTCGG	Hs.519033	13281	-0.3368	0.36652156	0.189988076				0.1849625	0.69445103	0.480765926
TLR2	NM_003264_bp1544_R	AGCTAAAAAGCAACAACAATCTCAATTTATTCTCTTGAAATAAATTGAGATTGTTGTTGCGG	Hs.519033	2527	0.515616667	2.41219702	0.606896613				0.7409125	1.3713744	0.176754084
TLR2	NM_003264_bp1544_R	AGCTAAAAAGCAACAACAATCTCAATTTATTCTCTTGAAATAAATTGAGATTGTTGTTGCGG	Hs.519033	7903	0.45815	2.39055755	0.640211168				0.9257375	1.74112786	0.179691259
TLR2	NM_003264_bp1544_R	AGCTAAAAGCAACAACAATCTCAATTTATTCTCTTGAAATAAATTGAGATTGTTGTTGCGG	Hs.519033	13279	0.37785	2.33533104	0.686677529				0.7208125	1.21892185	0.151583511
TLR2	NM_003264_bp1633_R	AGCTAAAAAGCCTCCCTTACCCATGTTATCCTTTGAATAACATGGGTAAGAGGGAGGCGGG	Hs.519033	2525	-0.73435	0.34432793	0.012226241				-0.6639125	0.67473255	0.080473658
TLR2	NM_003264_bp1633_R	AGCTAAAAAGCCTCCCTTACCCATGTTATCCTTTGAATAACATGGGTAAGAGGGAGGCGGG	Hs.519033	7901	-0.93385	0.27012995	0.0027221				-0.6932125	0.62533527	0.060469637
TLR2	NM_003264_bp1633_R	AGCTAAAAGCCTCCCTTACCCATGTTATCCTTTGAATAACATGGGTAAGAGGGAGGCGGG	Hs.519033	13277	-0.94065	0.24761656	0.002340318				-0.6868375	0.64126831	0.065421542
TLR3	NM_003265_bp372_R	AGCTAAAAGAGCCAGAATTGTGCCAGAAATCTCTTGAATTTCTGGCACAATTCTGGCTCGG	Hs.543332	1408	0.4749	0.4052655	0.041515066				0.4481625	0.90979856	0.226499647
TLR3	NM_003265_bp372_R	AGCTAAAAAGAGCCAGAATTGTGCCAGAAATCTCTTGAATTTCTGGCACAATTCTGGCTCGG	Hs.543332	6784	0.36095	0.33781307	0.065355031				0.524516667	0.36205766	0.081612352
TLR3	NM_003265_bp372_R	AGCTAAAAAGAGCCAGAATTGTGCCAGAAATCTCTTGAATTTCTGGCACAATTCTGGCTCGG	Hs.543332	12160	0.180825	0.48607172	0.332656557				0.91475	0.46246694	0.019452208
TLR3	NM_003265_bp908_R	AGCTAAAAAGGGACTAAAGTGGACAAATCTTCTCTTGAAAGATTTGTCCACTTTAGTCCCGG	Hs.543332	2427	0.884325	2.24154741	0.017008811				-0.0668125	0.78919862	0.944440878
TLR3	NM_003265_bp908_R	AGCTAAAAAGGGACTAAAGTGGACAAATCTTCTCTTGAAAGATTTGTCCACTTTAGTCCCGG	Hs.543332	7803	0.900525	0.2454268	0.001584335				0.0484625	0.86118177	0.8039579
TLR3	NM_003265_bp908_R	AGCTAAAAAGGGACTAAAGTGGACAAATCTTCTCTTGAAAGATTTGTCCACTTTAGTCCCGG	Hs.543332	13179	0.903625	0.24661373	0.001640988				-0.0588625	0.79160379	0.962874959
TLR3	NM_003265_bp935_R	AGCTAAAAGCTCGATCTTTCCTACAACAATCTCTTGAATTGTTGTAGGAAAGATCGAGCGG	Hs.543332	7801	-1.360366667	0.54911972	0.010763242				1.4977625	1.00000579	0.007569519
TLR3	NM_003265_bp935_R	AGCTAAAAGCTCGATCTTTCCTACAACAATCTCTTGAATTGTTGTAGGAAAGATCGAGCGG	Hs.543332	13177	-1.257166667	0.5692645	0.015528984				1.4574625	1.03321551	0.009589594
TLR3	NM_003265_bp935_R	AGCTAAAAGCTCGATCTTTCCTACAACAATCTCTTGAATTGTTGTAGGAAAGATCGAGCGG	Hs.543332	2425	-1.593025	0.73111306	0.028586242				1.681366667	1.22214198	0.019486803
TLR4	NM_003266_bp2516_R	AGCTAAAAGAGCCGCTGGTGTATCTTTGATCTCTTGAATCAAGATACACCAGCGGCTCGG	Hs.174312	1365	0.335725	0.08158493	0.030280316				0.4934375	0.83941909	0.171299581
TLR4	NM_003266_bp2516_R	AGCTAAAAGAGCCGCTGGTGTATCTTTGATCTCTTGAATCAAGATACACCAGCGGCTCGG	Hs.174312	6741	0.3587	0.25634696	0.053499627				0.5143375	0.63386212	0.098006378
TLR4	NM_003266_bp2516_R	AGCTAAAAGAGCCGCTGGTGTATCTTTGATCTCTTGAATCAAGATACACCAGCGGCTCGG	Hs.174312	12117	0.606525	0.15987815	0.006083412				0.6931375	0.77177318	0.063749835
TLR4	NM_003266_bp522_R	AGCTAAAAGAACTGCAGGTGCTGGATTTATCTCTTGAATAAATCCAGCACCTGCAGTTCGG	Hs.174312	1366	0.62155	0.40634221	0.017730495				-0.0734375	0.55961123	0.912376276
TLR4	NM_003266_bp522_R	AGCTAAAAGAACTGCAGGTGCTGGATTTATCTCTTGAATAAATCCAGCACCTGCAGTTCGG	Hs.174312	6742	0.5935	0.39545393	0.019436507				-0.0036875	0.71927382	0.903821755
TLR4	NM_003266_bp522_R	AGCTAAAAGAACTGCAGGTGCTGGATTTATCTCTTGAATAAATCCAGCACCTGCAGTTCGG	Hs.174312	12118	0.625325	0.35969056	0.013316848				-0.0311125	0.59163749	0.967465249
TLR4	NM_003266_bp592_R	AGCTAAAAGCCACCCTCTACCTTAATATTCTCTTGAAATTAAGGTAGAGAGGTGGCGG	Hs.174312	2337	-0.4769	0.16334276	0.03187651				-0.0475375	0.23613515	0.98169279
TLR4	NM_003266_bp592_R	AGCTAAAAGCCACCCTCTACCTTAATATTCTCTTGAAATTAAGGTAGAGAGGTGGCGG	Hs.174312	7713	-0.506875	0.11938797	0.021318101				0.0287375	0.26050801	0.734808866
TLR4	NM_003266_bp592_R	AGCTAAAAGCCACCCTCTACCTTAATATTCTCTTGAAATTAAGGTAGAGAGGTGGCGG	Hs.174312	13089	-0.455875	0.08955559	0.029778623				0.0750375	0.28851427	0.587936316
TLR5	NM_003268_bp2700_R	AGCTAAAAGAACCTGATATGTACAAATATCTCTTGAAATATTTGTACATATCAGGTTCGG	Hs.114408	1517	-2.914575	0.42815423	3.93E-05				0.7201625	0.61620916	0.034687843
TLR5	NM_003268_bp2700_R	AGCTAAAAGAACCTGATATGTACAAATATCTCTTGAAATATTTGTACATATCAGGTTCGG	Hs.114408	6893	-2.7206	0.56574184	0.000142995				0.6354625	0.5910884	0.048179545
TLR5	NM_003268_bp2700_R	AGCTAAAAGAACCTGATATGTACAAATATCTCTTGAAATATTTGTACATATCAGGTTCGG	Hs.114408	12269	-2.808925	0.50313198	8.31E-05				0.6131125	0.68072058	0.070295803
TLR5	NM_003268_bp2974_R	AGCTAAAAGGTGCTTATCTGACCTTAACATCTCTTGAATGTTAAGGTCAGATAAGCACCGG	Hs.114408	1515	-0.35065	0.3110551	0.146412387				0.8107125	1.15870405	0.104007127
TLR5	NM_003268_bp2974_R	AGCTAAAAGGTGCTTATCTGACCTTAACATCTCTTGAATGTTAAGGTCAGATAAGCACCGG	Hs.114408	6891	-0.328975	0.34282524	0.190032344				0.7385875	1.162898	0.131153178
TLR5	NM_003268_bp2974_R	AGCTAAAAGGTGCTTATCTGACCTTAACATCTCTTGAATGTTAAGGTCAGATAAGCACCGG	Hs.114408	12267	-0.279725	0.26756028	0.228399549				0.7464125	1.16717561	0.128959834
TLR5	NM_003268_bp3114_R	AGCTAAAAGTTGGCTGGTTTCTTCATAAATCTCTTGAATTTATGAAGAAACCAGCCAACGG	Hs.114408	1516	-0.994225	0.27628294	0.002030472				-0.2929625	0.21113837	0.247540236
TLR5	NM_003268_bp3114_R	AGCTAAAAGTTGGCTGGTTTCTTCATAAATCTCTTGAATTTATGAAGAAACCAGCCAACGG	Hs.114408	12268	-0.973425	0.20692881	0.001550702				-0.3036625	0.29149212	0.256052097
TLR5	NM_003268_bp3114_R	AGCTAAAAGTTGGCTGGTTTCTTCATAAATCTCTTGAATTTATGAAGAAACCAGCCAACGG	Hs.114408	6892	-1.080975	0.25288531	0.001207463				-0.3264625	0.23064527	0.201866591
TLR7	NM_016562_bp1263_R	AGCTAAAAGATCACAGAGGATATGTCTTTAATCTCTTGAATTAAAGACATATCCTCTGATCGG	Hs.443036	1368	-1.0761	0.64576669	0.013175168				-0.4778833	0.46789781	0.185827105
TLR7	NM_016562_bp1263_R	AGCTAAAAGATCACAGAGGATATGTCTTTAATCTCTTGAATTAAAGACATATCCTCTGATCGG	Hs.443036	12120	-0.8925	0.40950569	0.008284689				-0.5667	0.81185193	0.2186494
TLR7	NM_016562_bp1263_R	AGCTAAAAGATCACAGAGGATATGTCTTTAATCTCTTGAATTAAAGACATATCCTCTGATCGG	Hs.443036	6744	-1.014775	0.30709163	0.002445754				-0.50621667	0.8724691	0.288118725
TLR7	NM_016562_bp2192_R	AGCTAAAAGGCTCAATCTTTCAGTTGGATCTCTTGAATCCAACTGAAAGATTTGAGCCCGG	Hs.443036	1381	-0.185875	0.29149913	0.502520582				0.0481125	0.68455018	0.773620902
TLR7	NM_016562_bp2192_R	AGCTAAAAGGCTCAATCTTTCAGTTGGATCTCTTGAATCCAACTGAAAGATTTGAGCCCGG	Hs.443036	6757	0.2479	0.5761282	0.280467768				0.2085125	0.70437333	0.445271697
TLR7	NM_016562_bp2192_R	AGCTAAAAGGCTCAATCTTTCAGTTGGATCTCTTGAATCCAACTGAAAGATTTGAGCCCGG	Hs.443036	12133	-0.473875	0.28672634	0.059866937				0.3151375	0.78134381	0.319307342
TLR7	NM_016562_bp2511_R	AGCTAAAAGTGGTTTGTCTGGTGGGTTAATCTCTTGAATTAACCCACCAGACAAACCACGG	Hs.443036	2343	-0.849175	0.18989727	0.002711925				0.2385875	0.81131234	0.435523784
TLR7	NM_016562_bp2511_R	AGCTAAAAGTGGTTTGTCTGGTGGGTTAATCTCTTGAATTAACCCACCAGACAAACCACGG	Hs.443036	7719	-0.863775	0.1136435 4	0.001770401				0.3883125	0.80369984	0.244864163
TLR7	NM_016562_bp2511_R	AGCTAAAAGTGGTTTGTCTGGTGGGTTAATCTCTTGAATTAACCCACCAGACAAACCACGG	Hs.443036	13095	-0.9163	0.10295537	0.001301579				0.2942625	0.73627133	0.325571634
TLR8	NM_016610_bp1022_R	AGCTAAAAGGTGCTCTCAATTAATATAGATTCTCTTGAAATCTATATTAATTGAAGCACCGG	Hs.272410	2397	-0.06625	0.17928117	0.94906635				0.0399875	0.72661105	0.699286865
TLR8	NM_016610_bp1022_R	AGCTAAAAGGTGCTCTCAATTAATATAGATTCTCTTGAAATCTATATTAATTGAAGCACCGG	Hs.272410	7773	-0.1108	0.08937159	0.6991551				0.1281625	0.37648064	0.470845625
TLR8	NM_016610_bp1022_R	AGCTAAAAGGTGCTCTCAATTAATATAGATTCTCTTGAAATCTATATTAATTGAAGCACCGG	Hs.272410	13149	0.003766667	0.1303755	0.697298271				0.0619125	0.2486025	0.617955309
TLR8	NM_016610_bp1210_R	AGCTAAAAGCTGCCCCGCTTAGAAATACTTCTTCTCTTGAAAGATTCTTAACCGGGGCAGCGGG	Hs.272410	1405	-0.694725	0.2198917	0.007644437				-0.3443625	0.17960146	0.164246141
TLR8	NM_016610_bp1210_R	AGCTAAAAGCTGCCCCGCTTAGAAATACTTCTTCTCTTGAAAGATTTCTAAGCGGGGCAGCGGG	Hs.272410	6781	-0.71975	0.20037006	0.005898256				-0.1616375	0.33029191	0.597050498
TLR8	NM_016610_bp1210_R	AGCTAAAAGCTGCCCCGCTTAGAAATACTTCTTCTCTTGAAAGATTTCTAAGCGGGGCAGCGGG	Hs.272410	12157	-0.897025	0.27753614	0.003698528				-0.4360125	0.44919483	0.150435973
TLR8	NM_016610_bp3146_R	AGCTAAAAAGAGCCAGTGTTACAGCATCTTCTTCTCTTGAAAGAATGCTGTAACACTGGCTCGG	Hs.272410	6768	1.13305	0.41707055	0.001846571				0.7915375	1.01315982	0.081794616
TLR8	NM_016610_bp3146_R	AGCTAAAAGAGCCAGTGTTACAGCATCTTCTTCTCTTGAAAGAATGCTGTAACACTGGCTCGG	Hs.272410	12144	1.131675	0.37351554	0.001367371				0.5916875	0.77818284	0.101463314
TLR8	NM_016610_bp3146_R	AGCTAAAAGAGCCAGTGTTACAGCATCTTCTTCTCTTGAAAGAATGCTGTAACACTGGCTCGG	Hs.272410	1392	1.673725	0.81151557	0.003469754				0.8015625	1.16494935	0.108312241
TLR9	NM_017442_bp1156_R	AGCTAAAAAGGACGGCAACTGTTATTACAATCTCTTGAATTGTAATAACAGTTGCCGTCCGG	Hs.87968	2623	-1.258025	0.06488801	0.000250114				0.4167875	1.3655147	0.402056584
TLR9	NM_017442_bp1156_R	AGCTAAAAAGGACGGCAACTGTTATTACAATCTCTTGAATTGTAATAACAGTTGCCGTCCGG	Hs.87968	7999	-1.1948	0.34232986	0.001521348				0.2210875	1.15090946	0.571942702
TLR9	NM_017442_bp1156_R	AGCTAAAAAGGACGGCAACTGTTATTACAATCTCTTGAATTGTAATAACAGTTGCCGTCCGG	Hs.87968	13375	-1.06975	0.44810815	0.005476297				0.3718875	0.86240339	0.280882127
TLR9	NM_017442_bp2209_R	AGCTAAAAAGCTAGACCTGTCCCACAATAATCTCTTGAATTATTGTGGGACAGGTCTAGCGG	Hs.87968	2621	-0.434575	0.34164557	0.089110008				-0.4847375	0.50205793	0.128441308
TLR9	NM_017442_bp2209_R	AGCTAAAAGCTAGACCTGTCCCACAATAATCTCTTGAATTATTGTGGGACAGGTCTAGCGG	Hs.87968	7997	-0.482475	0.33168076	0.058530243				-0.2628625	0.35046597	0.350461626
TLR9	NM_017442_bp2209_R	AGCTAAAAGCTAGACCTGTCCCACAATAATCTCTTGAATTATTGTGGGACAGGTCTAGCGG	Hs.87968	13373	-0.621875	0.26494851	0.017037414				-0.5706625	0.36216316	0.052984329
TLR9	NM_017442_bp2879_R	AGCTAAAAGCGAGTGCCCTGCAAATACTATCTCTTGAATAGTATTTGCAGGGCACTCGCGG	Hs.87968	2619	2.08555	0.49431324	0.000266297				0.6845125	0.21369656	0.009464921
TLR9	NM_017442_bp2879_R	AGCTAAAAGCGAGTGCCCTGCAAATACTATCTCTTGAATAGTATTTGCAGGGCACTCGCGG	Hs.87968	7995	1.673775	0.34110996	0.000204369				0.4468375	0.66026364	0.146923325
TLR9	NM_017442_bp2879_R	AGCTAAAAGCGAGTGCCCTGCAAATACTATCTCTTGAATAGTATTTGCAGGGCACTCGCGG	Hs.87968	13371	1.708925	0.1353585	5.41E-05				0.7367125	0.45098317	0.017379863
TMEM101	NM_032376_bp181_R	AGCTAAAAGGCCTTACCTGTATTTCGACATTCCTCTTGAATGTCGAAATACAGGTAAGGCGG	Hs.514211	2917	-0.6299	0.84772628	0.133708747				-0.323025	1.12763955	0.485190421
TMEM101	NM_032376_bp181_R	AGCTAAAAGGCCTTACCTGTATTTCGACATTCCTCTTGAATGTCGAAATACAGGTAAGGCGG	Hs.514211	8293	-0.81005	0.32785166	0.006511188				-0.0226	0.58906699	0.936957189
TMEM101	NM_032376_bp181_R	AGCTAAAAGGCCTTACCTGTATTTCGACATTCCTCTTGAATGTCGAAATACAGGTAAGGCGG	Hs.514211	13669	-0.515475	0.70563824	0.148320988				-0.248175	0.53409283	0.376123461
TMEM101	NM_032376_bp601_R	AGCTAAAAGGCCTTTCTGTCAGGCTACTATCTCTTGAATAGTAGCCTGACAGAAAGGCCGG	Hs.514211	2913	-0.707075	0.55443437	0.036801038				-0.539575	0.79379845	0.154249539
TMEM101	NM_032376_bp601_R	AGCTAAAAGGCCTTTCTGTCAGGCTACTATCTCTTGAATAGTAGCCTGACAGAAAGGCCGG	Hs.514211	8289	-0.633225	0.61614513	0.066560073				-0.66875	0.74342064	0.078726677
TMEM101	NM_032376_bp601_R	AGCTAAAAGGCCTTTCTGTCAGGCTACTATCTCTTGAATAGTAGCCTGACAGAAAGGCCGG	Hs.514211	13665	-0.661	0.78057848	0.100089385				-0.614375	0.89274866	0.139311093
TMEM101	NM_032376_bp712_R	AGCTAAAAGCGTGTTGAGTTCTGGAACCATCTCTTGAATGGTTCCAGAACTCAACACGCGG	Hs.514211	2915	1.57425	0.57743672	0.001693998				0.85635	0.38549871	0.008711039
TMEM101	NM_032376_bp712_R	AGCTAAAAGCGTGTTGAGTTCTGGAACCATCTCTTGAATGGTTCCAGAACTCAACACGCGG	Hs.514211	8291	1.558475	0.62633605	0.002338555				0.78505	0.46314541	0.017419695
TMEM101	NM_032376_bp712_R	AGCTAAAAGCGTGTTGAGTTCTGGAACCATCTCTTGAATGGTTCCAGAACTCAACACGCGG	Hs.514211	13667	1.567675	0.61405981	0.002128073				0.814675	0.49605196	0.010760075
TMEM106C	AK056442_bp2416_R	AGCTAAAAAGACCCCCAAATCATGAAGTTATCTCTTGAATAACTTCATGATTTGGGGGTCGG	Hs.103834	3997	0.3025	0.57759416	0.353360518				-0.55165	0.46065099	0.062245459
TMEM106C	AK056442_bp2416_R	AGCTAAAAAGACCCCCAAATCATGAAGTTATCTCTTGAATAACTTCATGATTTGGGGGTCGG	Hs.103834	9373	0.2604375	0.43108939	0.271722293				-0.56245	0.3180553	0.037300777
TMEM106C	AK056442_bp2416_R	AGCTAAAAAGACCCCCAAATCATGAAGTTATCTCTTGAATAACTTCATGATTTGGGGGTCGG	Hs.103834	14749	0.317333333	0.53755525	0.313096203				-0.4305	0.35835219	0.097017819
TMEM106C	AK056442_bp447_R	AGCTAAAAGGGACCAGACTGCCTTTGTAATCTCTTGAATTACAAAGCAGTCTGGTCCCCGG	Hs.103834	3995	2.2871125	1.38361951	0.008805566				0.60675	0.37235597	0.034412861
TMEM106C	AK056442_bp447_R	AGCTAAAAGGGACCAGACTGCCTTTGTAATCTCTTGAATTACAAAGCAGTCTGGTCCCCGG	Hs.103834	9371	2.2277125	1.42240449	0.010861425				0.58425	0.38865469	0.040906631
TMEM106C	AK056442_bp447_R	AGCTAAAAGGGACCAGACTGCCTTTGTAATCTCTTGAATTACAAAGCAGTCTGGTCCCCGG	Hs.103834	14747	2.3180875	1.38288786	0.008321761				0.620425	0.38077801	0.032098555
TMEM106C	AK056442_bp822_R	AGCTAAAAAGGGAGACTTATTTGAGTGATATCTCTTGAATATCACTCAAAATAAGTCTCCCGG	Hs.103834	9369							-0.079075	0.25146254	0.706897646
TMEM106C	AK056442_bp822_R	AGCTAAAAAGGGAGACTTATTTGAGTGATATCTCTTGAATATCACTCAAAATAAGTCTCCCGG	Hs.103834	3993							0.2847	0.0582656	0.411487692
TMEM106C	AK056442_bp822_R	AGCTAAAAAGGGAGACTTATTTGAGTGATATCTCTTGAATATCACTCAAAATAAGTCTCCCGG	Hs.103834	14745							-0.1198		
TMEM132A	NM_017870_bp3048_R	AGCTAAAAGAGTAGAGTTTGTGACATTTGTCTCTTGAACAAATGTCACAAACTCTACTCGG	Hs.118552	1251	1.6492625	0.45876201	0.000714015				1.053875	0.30375455	0.00219887
TMEM132A	NM_017870_bp3048_R	AGCTAAAAAGAGTAGAGTTTGTGACATTTGTCTCTTGAACAAATGTCACAAACTCTACTCGG	Hs.118552	6627	1.6234625	0.45869166	0.00076849				1.01505	0.27097912	0.002314296
TMEM132A	NM_017870_bp3048_R	AGCTAAAAGAGTAGAGTTTGTGACATTTGTCTCTTGAACAAATGTCACAAACTCTACTCGG	Hs.118552	12003	1.4925625	1.22423217	0.031386074				1.395625	0.30690334	0.000534174
TMEM132A	NM_017870_bp395_R	AGCTAAAAGACGACCTTTTCTGCTCCTACAGTCTCTTGAACTGTAGGAGCAGAAAGGTCTCGG	Hs.118552	1250	0.8596375	0.63384399	0.031502259				-0.60125	0.63900418	0.083243315
TMEM132A	NM_017870_bp395_R	AGCTAAAAGACGACCTTTTCTGCTCCTACAGTCTCTTGAACTGTAGGAGCAGAAAGGTCTCGG	Hs.118552	6626	0.8809625	0.6482288	0.03066138				-0.541525	0.62796005	0.10795689
TMEM132A	NM_017870_bp395_R	AGCTAAAAGACGACCTTTTCTGCTCCTACAGTCTCTTGAACTGTAGGAGCAGAAAGGTCTCGG	Hs.118552	12002	0.8023875	0.62251054	0.038322319				-0.5039	0.65863023	0.138796745
TMEM37	BC046362_bp1360_R	AGCTAAAAGCCCGTTGTTTAAACCTTACATCTCTTGAATGTAAGGTTTAAACAACGGGCCGG	Hs.26216	4382	-0.639925	0.50342377	0.040745826	-0.089466667	0.16663374	0.655615069	-0.3574	1.47011482	0.563399464
TMEM37	BC046362_bp1360_R	AGCTAAAAGCCCGTTGTTTAAACCTTACATCTCTTGAATGTAAGGTTTAAACAACGGGCCGG	Hs.26216	9758	-0.4055	0.44160122	0.173529507	-0.039133333	0.33144584	0.870067598	-0.07915	0.111935	0.812780048
TMEM37	BC046362_bp1360_R	AGCTAAAAGCCCGTTGTTTAAACCTTACATCTCTTGAATGTAAGGTTTAAACAACGGGCCGG	Hs.26216	15134	-0.68995	0.40476412	0.019157973	-0.0364	0.3670508	0.861985712	-1.22215	1.78466681	0.152883373
TMEM37	BC046362_bp513_R	AGCTAAAAAGGACAAACACTCACAGTGCAATCTCTTGAATTGCACTGTGAGTGTTTTGTCCGG	Hs.26216	4380	0.691325	0.61776049	0.051427662	0.5375	0.38544334	0.051048457	0.513233333	1.51654833	0.426511865
TMEM37	BC046362_bp513_R	AGCTAAAAAGGACAAACACTCACAGT

TNF	NM_000594_bp434_R	AGCTAAAAGTAGCCCATGTTGTAGCAAACTCTCTTGAAGTTTGCTACAACATGGGCTACGG	Hs.241570	11813	3.7701625	0.49229983	1.51E-05				1.2974375	0.48618702	0.001872014
TNF	NM_000594_bp789_R	AGCTAAAAGACTCAGCGCTGAGATCAATCTCTCTTGAAGATTGATCTCAGCGCTGAGTCGG	Hs.241570	1060	0.8641125	0.63158779	0.02593836				-0.0638375	0.34792171	0.779020255
TNF	NM_000594_bp789_R	AGCTAAAAGACTCAGCGCTGAGATCAATCTCTCTTGAAGATTGATCTCAGCGCTGAGTCGG	Hs.241570	6436	0.8142375	0.55408334	0.022502682				-0.0363875	0.32457913	0.869982419
TNF	NM_000594_bp789_R	AGCTAAAAGACTCAGCGCTGAGATCAATCTCTCTTGAAGATTGATCTCAGCGCTGAGTCGG	Hs.241570	11812	0.8496875	0.53987692	0.017950254				-0.0638625	0.27681121	0.765446347
TNF	NM_000594_bp841_R	AGCTAAAAGCAGGTCTACTTTGGGATCATTCTCTTGAAATGATCCCAAAGTAGACCTGCGG	Hs.241570	1059	-0.5507875	0.51194186	0.067105116				0.0847625	0.27656904	0.692928441
TNF	NM_000594_bp841_R	AGCTAAAAGCAGGTCTACTTTGGGATCATTCTCTTGAAATGATCCCAAAGTAGACCTGCGG	Hs.241570	6435	-0.3523875	0.28775144	0.093595405				0.2058625	0.33172983	0.373738695
TNF	NM_000594_bp841_R	AGCTAAAAGCAGGTCTACTTTGGGATCATTCTCTTGAAATGATCCCAAAGTAGACCTGCGG	Hs.241570	11811	-0.5175875	0.06657648	0.011055076				0.1674375	0.33012135	0.46369409
TNFAIP3	NM_006290_bp1045_R	AGCTAAAAGCCGCAAAGTTGGATGAAGCTTCTCTTGAAAGCTTCATCCAACTTTGCGGCGG	Hs.591338	12972										
TNFAIP3	NM_006290_bp1045_R	AGCTAAAAGCCGCAAAGTTGGATGAAGCTTCTCTTGAAAGCTTCATCCAACTTTGCGGCGG	Hs.591338	2220										
TNFAIP3	NM_006290_bp1045_R	AGCTAAAAGCCGCAAAGTTGGATGAAGCTTCTCTTGAAAGCTTCATCCAACTTTGCGGCGG	Hs.591338	7596										
TNFAIP3	NM_006290_bp2066_R	AGCTAAAAGACCATGTTTGAAGGATACTTCTCTTGAAAGTATCCTCAAACATGGTGCCGG	Hs.591338	859	-0.3851125	0.89312734	0.344041825				-0.3685375	0.8297743	0.322584627
TNFAIP3	NM_006290_bp2066_R	AGCTAAAAGACCATGTTTGAAGGATACTTCTCTTGAAAGTATCCTTCAAACATGGTGCCGG	Hs.591338	6235	-0.6683125	0.57735054	0.048671351				-0.5487125	0.63316344	0.102811862
TNFAIP3	NM_006290_bp2066_R	AGCTAAAAGACCATGTTTGAAGGATACTTCTCTTGAAAGTATCCTTCAAACATGGTGCCGG	Hs.591338	11611	-0.4134375	0.95557759	0.318471548				-0.4587125	0.85155995	0.235990965
TNFAIP3	NM_006290_bp90_R	AGCTAAAAGGCTTTGTATTTGAGCAATATTCTCTTGAAATATTGCTCAAATACAAAGCCGG	Hs.591338	860	0.0215875	0.2451472	0.898140809				-0.2906625	0.50096836	0.291515562
TNFAIP3	NM_006290_bp90_R	AGCTAAAAGGCTTTGTATTTGAGCAATATTCTCTTGAAATATTGCTCAAATACAAAGCCGG	Hs.591338	6236	-0.1987125	0.25349581	0.275133576				-0.37311667	0.44949557	0.238814777
TNFAIP3	NM_006290_bp90_R	AGCTAAAAGGCTTTGTATTTGAGCAATATTCTCTTGAAATATTGCTCAAATACAAAGCCGG	Hs.591338	11612	-0.0116625	0.29876181	0.948978823				-0.3150625	0.49820248	0.255499056
TNFRSF10B	NM_003842_bp1440_R	AGCTAAAAGCTGATAAAGTGGGTCAACAATCTCTTGAATTGTTGACCCACTTTATCAGCGG	Hs.521456	2172	-0.1272125	0.27761834	0.483141901				0.0594375	0.39948087	0.803160834
TNFRSF10B	NM_003842_bp1440_R	AGCTAAAAGCTGATAAAGTGGGTCAACAATCTCTTGAATTGTTGACCCACTTTATCAGCGG	Hs.521456	7548	-0.1411875	0.38446778	0.505638874				0.1829875	0.4051479	0.455232449
TNFRSF10B	NM_003842_bp1440_R	AGCTAAAAGCTGATAAAGTGGGTCAACAATCTCTTGAATTGTTGACCCACTTTATCAGCGG	Hs.521456	12924	-0.1353125	0.39260729	0.52749646				0.4062375	0.24300705	0.086988442
TNFRSF10B	NM_003842_bp535_R	AGCTAAAAGGACACCATATCTCAGAAGACTCTCTTGAAGTCTTCTGAGATATGGTGTCCGG	Hs.521456	830	-0.1306875	0.12823438	0.388598023				-0.4014125	0.28601631	0.098849605
TNFRSF10B	NM_003842_bp535_R	AGCTAAAAGGACACCATATCTCAGAAGACTCTCTTGAAGTCTTCTGAGATATGGTGTCCGG	Hs.521456	6206	-0.0985125	0.19701598	0.540527989				-0.3023125	0.27436534	0.188661385
TNFRSF10B	NM_003842_bp535_R	AGCTAAAAGGACACCATATCTCAGAAGACTCTCTTGAAGTCTTCTGAGATATGGTGTCCGG	Hs.521456	11582	-0.1215125	0.21017843	0.462274641				-0.3805375	0.26995923	0.110041383
TNFRSF10B	NM_003842_bp946_R	AGCTAAAAGCAGCCGTAGTCTTGATTGGTGTCTCTTGAACACAATCAAGACTACGGCTGCGG	Hs.521456	831	-0.3628875	0.27665777	0.0827916				-0.3663125	0.47869896	0.186842098
TNFRSF10B	NM_003842_bp946_R	AGCTAAAAGCAGCCGTAGTCTTGATTGGTGTCTCTTGAACACAATCAAGACTACGGCTGCGG	Hs.521456	6207	-0.3674375	0.40826027	0.113490635				-0.6172875	0.7271521	0.094826011
TNFRSF10B	NM_003842_bp946_R	AGCTAAAAGCAGCCGTAGTCTTGATTGGTGTCTCTTGAACACAATCAAGACTACGGCTGCGG	Hs.521456	11583	-0.4364625	0.36235011	0.070569443				-0.4124375	0.52106317	0.158520376
TNFRSF13B	NM_012452_bp270_R	AGCTAAAAGCATCAGCTGTGCCTCCATCTTCTCTTGAAAGATGGAGGCACAGCTGATGCGG	Hs.158341	2664										
TNFRSF13B	NM_012452_bp270_R	AGCTAAAAGCATCAGCTGTGCCTCCATCTTCTCTTGAAAGATGGAGGCACAGCTGATGCGG	Hs.158341	8040										
TNFRSF13B	NM_012452_bp270_R	AGCTAAAAGCATCAGCTGTGCCTCCATCTTCTCTTGAAAGATGGAGGCACAGCTGATGCGG	Hs.158341	13416										
TNFRSF13B	NM_012452_bp294_R	AGCTAAAAGACAGCACCCTAAGCAATGTGTCTCTTGAACACATTGCTTAGGGTGCTGTCGG	Hs.158341	1359										
TNFRSF13B	NM_012452_bp294_R	AGCTAAAAGACAGCACCCTAAGCAATGTGTCTCTTGAACACATTGCTTAGGGTGCTGTCGG	Hs.158341	6735										
TNFRSF13B	NM_012452_bp294_R	AGCTAAAAGACAGCACCCTAAGCAATGTGTCTCTTGAACACATTGCTTAGGGTGCTGTCGG	Hs.158341	12111										
TNFRSF13B	NM_012452_bp628_R	AGCTAAAAGGCCAAGTCTTCCCAGGATCATCTCTTGAATGATCCTGGGAAGACTTGGCCGG	Hs.158341	2662										
TNFRSF13B	NM_012452_bp628_R	AGCTAAAAGGCCAAGTCTTCCCAGGATCATCTCTTGAATGATCCTGGGAAGACTTGGCCGG	Hs.158341	8038										
TNFRSF13B	NM_012452_bp628_R	AGCTAAAAGGCCAAGTCTTCCCAGGATCATCTCTTGAATGATCCTGGGAAGACTTGGCCGG	Hs.158341	13414										
TNFRSF13C	NM_052945_bp607_R	AGCTAAAAGCCAGGGGCTTGGAAATCAAATCTCTTGAATTGATTTCCAAGCCCCTGGCCGG	Hs.344088	2683	-1.4886	0.21647687	0.000220209				-0.3202125	0.60588542	0.35506241
TNFRSF13C	NM_052945_bp607_R	AGCTAAAAGCCAGGGGCTTGGAAATCAAATCTCTTGAATTGATTTCCAAGCCCCTGGCCGG	Hs.344088	8059	-1.6172	0.26514936	0.000202713				-0.4343375	0.63103603	0.217102008
TNFRSF13C	NM_052945_bp607_R	AGCTAAAAGCCAGGGGCTTGGAAATCAAATCTCTTGAATTGATTTCCAAGCCCCTGGCCGG	Hs.344088	13435	-1.3582	0.49096029	0.002066352				-0.4627375	0.74001891	0.231627748
TNFRSF13C	NM_052945_bp645_R	AGCTAAAAGCATGCACATGCCCTCTTTTCTCTCTTGAAAGAAAGAGGGCATGTGCATGCGG	Hs.344088	2332	2.730416667	1.12545254	0.008456923				1.12025	3.54800104	0.413766765
TNFRSF13C	NM_052945_bp645_R	AGCTAAAAGCATGCACATGCCCTCTTTTCTCTCTTGAAAGAAAGAGGGCATGTGCATGCGG	Hs.344088	7708	2.150275	1.72585445	0.022577139				0.995616667	3.35189517	0.43906842
TNFRSF13C	NM_052945_bp645_R	AGCTAAAAGCATGCACATGCCCTCTTTTCTCTCTTGAAAGAAAGAGGGCATGTGCATGCGG	Hs.344088	13084	2.1428	1.70618462	0.02202234				1.035816667	3.38596471	0.426888971
TNFRSF14	AK124010_bp1846_R	AGCTAAAAGCTCCACAGTTGGCCTAATCATCTCTTGAATGATTAGGCCAACTGTGGAGCGG	Hs.512898	4825	-0.0340625	0.26134265	0.843754313	-0.5417375	0.70623159	0.153568047				
TNFRSF14	AK124010_bp1846_R	AGCTAAAAGCTCCACAGTTGGCCTAATCATCTCTTGAATGATTAGGCCAACTGTGGAGCGG	Hs.512898	10201	-0.0061375	0.21380197	0.969647688	-0.5271125	0.70897136	0.163682904				
TNFRSF14	AK124010_bp1846_R	AGCTAAAAGCTCCACAGTTGGCCTAATCATCTCTTGAATGATTAGGCCAACTGTGGAGCGG	Hs.512898	15577	0.0509375	0.40816361	0.812771477	-0.5262125	0.71223519	0.165552764				
TNFRSF14	AK124010_bp2462_R	AGCTAAAAGCTGCAGTGTGGTGTTTAGTTCTCTTGAAACTAAACACCACACTGCAGCCGG	Hs.512898	4827	-0.3535125	0.32159289	0.10569261	0.0663375	0.27540912	0.716005778				
TNFRSF14	AK124010_bp2462_R	AGCTAAAAGCTGCAGTGTGGTGTTTAGTTCTCTTGAAACTAAACACCACACTGCAGCCGG	Hs.512898	10203	-0.2962125	0.40530201	0.204517103	0.1274375	0.30159633	0.510312899				
TNFRSF14	AK124010_bp2462_R	AGCTAAAAGCTGCAGTGTGGTGTTTAGTTCTCTTGAAACTAAACACCACACTGCAGCCGG	Hs.512898	15579	-0.3857875	0.58868788	0.200419174	-0.1453875	0.49177538	0.571906451				
TNFRSF14	AK124010_bp841_R	AGCTAAAAGGGCTAGCCATGAACAGAAGATCTCTTGAATCTTCTGTTCATGGCTAGCCCGG	Hs.512898	4829	0.8426375	0.38027887	0.00763885	0.3622625	0.73974329	0.325563814				
TNFRSF14	AK124010_bp841_R	AGCTAAAAGGGCTAGCCATGAACAGAAGATCTCTTGAATCTTCTGTTCATGGCTAGCCCGG	Hs.512898	10205	0.8225625	0.30143535	0.005178748	0.2984125	0.79779112	0.437387025				
TNFRSF14	AK124010_bp841_R	AGCTAAAAGGGCTAGCCATGAACAGAAGATCTCTTGAATCTTCTGTTCATGGCTAGCCCGG	Hs.512898	15581	0.7437125	0.64167896	0.044851895	0.2129875	0.85554003	0.594768147				
TNFRSF17	NM_001192_bp398_R	AGCTAAAAGGGACTGAGCTTAATAATTTCTCTCTTGAAGAATTATTAAGCTCAGTCCCGG	Hs.2556	1386	-0.295425	0.254886	0.192188122				0.2626625	0.25886476	0.182162917
TNFRSF17	NM_001192_bp398_R	AGCTAAAAGGGACTGAGCTTAATAATTTCTCTCTTGAAGAATTATTAAGCTCAGTCCCGG	Hs.2556	6762	-0.288025	0.27389441	0.216244135				0.5064125	0.25116393	0.032675105
TNFRSF17	NM_001192_bp398_R	AGCTAAAAGGGACTGAGCTTAATAATTTCTCTCTTGAAGAATTATTAAGCTCAGTCCCGG	Hs.2556	12138	-0.32545	0.27497924	0.162885716				0.3222375	0.35579578	0.148363304
TNFRSF17	NM_001192_bp538_R	AGCTAAAAGCAGGACTGGTGATGAAATTATCTCTTGAATAATTTCATCACCAGTCTCGCGG	Hs.2556	2391	3.07125	2.34009215	0.017922863				0.1546125	0.99072457	0.632363351
TNFRSF17	NM_001192_bp538_R	AGCTAAAAGCAGGACTGGTGATGAAATTATCTCTTGAATAATTTCATCACCAGTCTCGCGG	Hs.2556	7767	3.1858	2.31484955	0.0150162				0.640616667	0.44748138	0.058147366
TNFRSF17	NM_001192_bp538_R	AGCTAAAAGCAGGACTGGTGATGAAATTATCTCTTGAATAATTTCATCACCAGTCTCGCGG	Hs.2556	13143	2.475625	1.60086422	0.009536749				0.1866125	0.79222549	0.515318134
TNFRSF17	NM_001192_bp738_R	AGCTAAAAGCTACGGGAGATAGAGAAATCATCTCTTGAATGATTTCTCTATCTCCGTAGCGG	Hs.2556	1387	0.49395	0.37675588	0.038987956				0.4972125	0.83884844	0.168206298
TNFRSF17	NM_001192_bp738_R	AGCTAAAAGCTACGGGAGATAGAGAAATCATCTCTTGAATGATTTCTCTATCTCCGTAGCGG	Hs.2556	6763	0.507625	0.24474947	0.018400446				0.5318625	0.84757667	0.148961332
TNFRSF17	NM_001192_bp738_R	AGCTAAAAGCTACGGGAGATAGAGAAATCATCTCTTGAATGATTTCTCTATCTCCGTAGCGG	Hs.2556	12139	0.484575	0.27990396	0.026585913				0.5185875	0.83278904	0.152561372
TNFRSF1A	NM_001065_bp1001_R	AGCTAAAAGTCCAAGCCTCACTCCATTGTTCTCTTGAAACAATGGAGTAGAGCTTGGACGG	Hs.279594	2329										
TNFRSF1A	NM_001065_bp1001_R	AGCTAAAAGTCCAAGCCTCACTCCATTGTTCTCTTGAAACAATGGAGTAGAGCTTGGACGG	Hs.279594	7705										
TNFRSF1A	NM_001065_bp1001_R	AGCTAAAAGTCCAAGCCTCACTCCATTGTTCTCTTGAAACAATGGAGTAGAGCTTGGACGG	Hs.279594	13081										
TNFRSF1A	NM_001065_bp330_R	AGCTAAAAGAGGCTGTTGGTGGGAATATACTCTCTTGAAGTATATTCCCACCAACAGCTCGG	Hs.279594	1361										
TNFRSF1A	NM_001065_bp330_R	AGCTAAAAGAGGCTGTTGGTGGGAATATACTCTCTTGAAGTATATTCCCACCAACAGCTCGG	Hs.279594	6737										
TNFRSF1A	NM_001065_bp330_R	AGCTAAAAGAGGCTGTTGGTGGGAATATACTCTCTTGAAGTATATTCCCACCAACAGCTCGG	Hs.279594	12113										
TNFRSF1A	NM_001065_bp784_R	AGCTAAAAGGCCATGCAGGTTTCTTTCTAATCTCTTGAATTAGAAAGAAACCTGCATGGCGG	Hs.279594	1360										
TNFRSF1A	NM_001065_bp784_R	AGCTAAAAGGCCATGCAGGTTTCTTTCTAATCTCTTGAATTAGAAAGAAACCTGCATGGCGG	Hs.279594	6736										
TNFRSF1A	NM_001065_bp784_R	AGCTAAAAGGCCATGCAGGTTTCTTTCTAATCTCTTGAATTAGAAAGAAACCTGCATGGCGG	Hs.279594	12112										
TNFRSF1B	NM_001066_bp856_R	AGCTAAAAGCGACTTCGCTCTTCCAGTTGTCTCTTGAACAACTGGAAGAGCGAAGTCGCGG	Hs.256278	12140										
TNFRSF1B	NM_001066_bp856_R	AGCTAAAAGCGACTTCGCTCTTCCAGTTGTCTCTTGAACAACTGGAAGAGCGAAGTCGCGG	Hs.256278	6764										
TNFRSF1B	NM_001066_bp856_R	AGCTAAAAGCGACTTCGCTCTTCCAGTTGTCTCTTGAACAACTGGAAGAGCGAAGTCGCGG	Hs.256278	1388										
TNFRSF1B	NM_001066_bp897_R	AGCTAAAAGCCTTGGGTCTACTAATAATATCTCTTGAATATTATTAGTAGACCCAAGGCGG	Hs.256278	2393										
TNFRSF1B	NM_001066_bp897_R	AGCTAAAAGCCTTGGGTCTACTAATAATATCTCTTGAATATTATTAGTAGACCCAAGGCGG	Hs.256278	7769										
TNFRSF1B	NM_001066_bp897_R	AGCTAAAAGCCTTGGGTCTACTAATAATATCTCTTGAATATTATTAGTAGACCCAAGGCGG	Hs.256278	13145										
TNFRSF1B	NM_001066_bp978_R	AGCTAAAAGAAGCCAAGGTGCCTCACTTGTCTCTTGAACAAGTGAGGCACCTTGGCTTCGG	Hs.256278	1389										
TNFRSF1B	NM_001066_bp978_R	AGCTAAAAGAAGCCAAGGTGCCTCACTTGTCTCTTGAACAAGTGAGGCACCTTGGCTTCGG	Hs.256278	6765										
TNFRSF1B	NM_001066_bp978_R	AGCTAAAAGAAGCCAAGGTGCCTCACTTGTCTCTTGAACAAGTGAGGCACCTTGGCTTCGG	Hs.256278	12141										
TNFRSF7	NM_001242_bp452_R	AGCTAAAAGCACTGTAACTCTGGTCTTCTTCTCTTGAAAGAAGACCAGAGTTACAGTGCGG	Hs.355307	3240	-0.8085	0.41413485	0.026942797				-1.35375	0.77633254	0.029515517
TNFRSF7	NM_001242_bp452_R	AGCTAAAAGCACTGTAACTCTGGTCTTCTTCTCTTGAAAGAAGACCAGAGTTACAGTGCGG	Hs.355307	8616	-0.722133333	0.34411249	0.02939645				-1.3113	0.77626182	0.03258926
TNFRSF7	NM_001242_bp452_R	AGCTAAAAGCACTGTAACTCTGGTCTTCTTCTCTTGAAAGAAGACCAGAGTTACAGTGCGG	Hs.355307	13992	-0.7713	0.39040046	0.028518132				-0.8066	0.81412046	0.053556745
TNFRSF7	NM_001242_bp620_R	AGCTAAAAGCCCACCCACTTACCTTATGTTCTCTTGAAACATAAGGTAAGTGGGTGGGCGG	Hs.355307	3236	-1.021766667	0.36353413	0.010096463				-0.661825	0.49960603	0.038382263
TNFRSF7	NM_001242_bp620_R	AGCTAAAAGCCCACCCACTTACCTTATGTTCTCTTGAAACATAAGGTAAGTGGGTGGGCGG	Hs.355307	8612	-0.729133333	0.31301758	0.025390449				-0.545875	0.40816385	0.054779596
TNFRSF7	NM_001242_bp620_R	AGCTAAAAGCCCACCCACTTACCTTATGTTCTCTTGAAACATAAGGTAAGTGGGTGGGCGG	Hs.355307	13988	-0.8876	0.39641615	0.018613464				-0.701375	0.35792591	0.018373966
TNFRSF7	NM_001242_bp838_R	AGCTAAAAGAAGCAAAGTATATAGATCAAACATCTTTGAATCTTTGATCTATATTTCCTTCGG	Hs.355307	3238	1.229675	0.20410436	0.000453764				-0.839975	0.47947358	0.014037289
TNFRSF7	NM_001242_bp838_R	AGCTAAAAGAAGGAAATATAGATCAAACATCTTTGAATGTTTGATCTATATTTCCTTCGG	Hs.355307	8614	1.199675	0.21214903	0.000536139				-0.795425	0.52846624	0.021352357
TNFRSF7	NM_001242_bp838_R	AGCTAAAAGAAGGAAATATAGATCAAACATCTTTGAATGTTTGATCTATATTTCCTTCGG	Hs.355307	13990	0.995225	0.23935765	0.001510452				-0.7913	0.49089528	0.018825026
TNFRSF8	NM_001243_bp432_R	AGCTAAAAGGCCTGACTACTACCTGGATGATCTCTTGAATCATCCAGGTAGTAGTCAGGCGG	Hs.1314	3266	-0.12705	0.25951373	0.472654898				-0.244825	0.31465196	0.290028162
TNFRSF8	NM_001243_bp432_R	AGCTAAAAGGCCTGACTACTACCTGGATGATCTCTTGAATCATCCAGGTAGTAGTCAGGCGG	Hs.1314	8642	-0.164225	0.22445165	0.339814672				-0.276225	0.34823669	0.250844718
TNFRSF8	NM_001243_bp432_R	AGCTAAAAGGCCTGACTACTACCTGGATGATCTCTTGAATCATCCAGGTAGTAGTCAGGCGG	Hs.1314	14018	-0.157675	0.23039183	0.363133512				-0.27705	0.27301284	0.222707759
TNFRSF8	NM_001243_bp619_R	AGCTAAAAGCAGGGGATGATTGTCAAGTTCTCTCTTGAAGAACTTGACAATCATCCCTGCGG	Hs.1314	3268	1.02335	1.0399605	0.059766763				-0.602475	0.84674669	0.132930199
TNFRSF8	NM_001243_bp619_R	AGCTAAAAGCAGGGGATGATTGTCAAGTTCTCTCTTGAAGAACTTGACAATCATCCCTGCGG	Hs.1314	8644	1.298525	0.94259337	0.020064158				-0.503125	0.67209835	0.140242996
TNFRSF8	NM_001243_bp619_R	AGCTAAAAGCAGGGGATGATTGTCAAGTTCTCTCTTGAAGAACTTGACAATCATCCCTGCGG	Hs.1314	14020	1.197025	1.11213374	0.044442219				-0.259025	0.90745024	0.511511751
TNFRSF8	NM_001243_bp930_R	AGCTAAAAGTCTGGTGATTGCAGAAAGCATCTCTTGAATGCTTTCTGCAATCACCAGACGG	Hs.1314	3270	0.8581	0.16698589	0.001915384				0.677525	0.29910273	0.017114844
TNFRSF8	NM_001243_bp930_R	AGCTAAAAGTCTGGTGATTGCAGAAAGCATCTCTTGAATGCTTTCTGCAATCACCAGACGG	Hs.1314	8646	0.405175	0.31133382	0.070746396				0.30855	0.30460132	0.190501882
TNFRSF8	NM_001243_bp930_R	AGCTAAAAGTCTGGTGATTGCAGAAAGCATCTCTTGAATGCTTTCTGCAATCACCAGACGG	Hs.1314	14022	0.685125	0.29993714	0.010848037				0.58465	0.23582476	0.025204896
TNFSF10	NM_003810_bp250_R	AGCTAAAAGTGGCATTGCTTGTTTCTTAATCTCTTGAATTAAGAAACAAGCAATGCCACGG	Hs.478275	3011	-0.166925	0.68656585	0.596245115				0.253525	0.91826927	0.517550984
TNFSF10	NM_003810_bp250_R	AGCTAAAAGTGGCATTGCTTGTTTCTTAATCTCTTGAATTAAGAAACAAGCAATGCCACGG	Hs.478275	8387	-0.303475	0.37734924	0.180144727				-0.011	0.97615646	0.978235617
TNFSF10	NM_003810_bp250_R	AGCTAAAAGTGGCATTGCTTGTTTCTTAATCTCTTGAATTAAGAAACAAGCAATGCCACGG	Hs.478275	13763	0.330325	0.48307102	0.205328115				0.094875	1.15389163	0.837483641
TNFSF10	NM_003810_bp702_R	AGCTAAAAGACAAACAAATGGTCCAATATTCTCTTGAAATATTGGACCATTTGTTTGTCGG	Hs.478275	3013	-0.6415	0.1036046	0.005116394				-0.7504	0.38055	0.015152415
TNFSF10	NM_003810_bp702_R	AGCTAAAAGACAAACAAATGGTCCAATATTCTCTTGAAATATTGGACCATTTGTTTGTCGG	Hs.478275	8389	-0.705625	0.15075321	0.004166015				-0.49155	0.31777145	0.058828498
TNFSF10	NM_003810_bp702_R	AGCTAAAAGACAAACAAATGGTCCAATATTCTCTTGAAATATTGGACCATTTGTTTGTCGG	Hs.478275	13765	-0.7158	0.0971271	0.003122652				-0.604	0.35332317	0.032280919
TNFSF10	NM_003810_bp747_R	AGCTAAAAGACCCTATATTGTTGATGAAATCTCTTGAATTTCATCAACAAATATAGGGTCGG	Hs.478275	3009	-0.198125	0.37167631	0.352342448				-0.6143	1.28796587	0.252953411
TNFSF10	NM_003810_bp747_R	AGCTAAAAGACCCTATATTGTTGATGAAATCTCTTGAATTTCATCAACAAATATAGGGTCGG	Hs.478275	8385	-0.457725	0.11907125	0.020582283				-0.4519	1.43069883	0.428328289
TNFSF10	NM_003810_bp747_R	AGCTAAAAGACCCTATATTGTTGATGAAATCTCTTGAATTTCATCAACAAATATAGGGTCGG	Hs.478275	13761	-0.468825	0.27772214	0.038368708				-0.49595	1.20623487	0.321853785
TNFSF11	NM_003701_bp346_R	AGCTAAAAGTCGCCCTGTTCTTCTATTTCTCTCTTGAAGAAATAGAGAACAGGGCGACGG	Hs.333791	1041	-0.9845125	0.38144153	0.004003686				-0.3787625	0.22183838	0.101152881
TNFSF11	NM_003701_bp346_R	AGCTAAAAGTCGCCCTGTTCTTCTATTTCTCTCTTGAAGAAATAGAGAACAGGGCGACGG	Hs.333791	6417	-0.6694125	0.35510094	0.016319817				-0.3537125	0.23047005	0.122742759
TNFSF11	NM_003701_bp346_R	AGCTAAAAGTCGCCCTGTTCTTCTATTTCTCTCTTGAAGAAATAGAGAACAGGGCGACGG	Hs.333791	11793	-0.7051125	0.44987551	0.022519555				-0.3802875	0.22584282	0.100837123
TNFSF11	NM_003701_bp735_R	AGCTAAAAGGCCAAGATCTCCAACATGACTCTCTTGAAGTCATGTTGGAGATCTTGGCCGG	Hs.333791	2089	2.9658625	1.57457275	0.004996154				1.41715	1.85720069	0.101307856
TNFSF11	NM_003701_bp735_R	AGCTAAAAGGCCAAGATCTCCAACATGACTCTCTTGAAGTCATGTTGGAGATCTTGGCCGG	Hs.333791	7465	3.0091625	1.5624048	0.004552175				1.518816667	2.17001355	0.121321577
TNFSF11	NM_003701_bp735_R	AGCTAAAAGGCCAAGATCTCCAACATGACTCTCTTGAAGTCATGTTGGAGATCTTGGCCGG	Hs.333791	12841	3.1418875	1.80214806	0.006758603				1.767983333	2.33242357	0.098075407
TNFSF13B	NM_006573_bp1033_R	AGCTAAAAGGAGATGAACTCCAACTTGCTATCTCTTGAATCTAAGGCCAAGAAGTTAACCTCCGG	Hs.525157	1391	1.493	0.96086488	0.011553028				1.28705	2.36520639	0.191821467
TNFSF13B	NM_006573_bp1033_R	AGCTAAAAGGAGATGAACTCCAACTTGCTATCTCTTGAATCTAAGGCCAAGAAGTTAACCTCCGG	Hs.525157	6767	1.459225	0.98150092	0.013596159				1.218416667	2.44021496	0.223404532
TNFSF13B	NM_006573_bp1033_R	AGCTAAAAGGAGATGAACTCCAACTTGCTATCTCTTGAATGCAAGTTGGAGTTTCATCTCCGG	Hs.525157	12143	1.55785	1.00164447	0.011464932				1.42225	2.37351937	0.158371564
TNFSF13B	NM_006573_bp299_R	AGCTAAAAGCCTTACTTCTTGCCTTAAGATCTCTTGAATCTTAAGGCAAGAAGTAAGCCTGG	Hs.525157	1390	-1.2924	0.12497374	0.000284239				-0.5550125	0.47330109	0.079996689
TNFSF13B	NM_006573_bp299_R	AGCTAAAAGCCTTACTTCTTGCCTTAAGATCTCTTGAATCTTAAGGCAAGAAGTAAGCCTGG	Hs.525157	6766	-1.301025	0.1240769	0.000284276				-0.2860875	0.78183783	0.483684436
TNFSF13B	NM_006573_bp299_R	AGCTAAAAGCCTTACTTCTTGCCTTAAGATCTCTTGAATCTTAAGGCAAGAAGTAAGCCTGG	Hs.525157	12142	-1.3885	0.25698279	0.000479882				-0.3754875	0.57783275	0.263136776
TNFSF13B	NM_006573_bp945_R	AGCTAAAAGTCGACTTTGTTTCGATGTATTCTCTTGAATACATCGAAACAAAGTCACCGG	Hs.525157	2395	-0.596675	0.07277255	0.010392045				-0.3829125	0.99762521	0.421063734
TNFSF13B	NM_006573_bp945_R	AGCTAAAAGTGACTTTGTTTCGATGTATTCTCTTGAATACATCGAAACAAAGTCACCGG	Hs.525157	7771	-0.517875	0.13549299	0.024127552				-0.3911125	0.98148053	0.404862803
TNFSF13B	NM_006573_bp945_R	AGCTAAAAGTGACTTTGTTTCGATGTATTCTCTTGAATACATCGAAACAAAGTCACCGG	Hs.525157	13147	-0.54675	0.13526213	0.019196414				-0.4043625	0.94149434	0.373866068
TNFSF4	NM_003326_bp231_R	AGCTAAAAGCTGGTGGCCTCTGTAATTCATCTCTTGAATGAATTACAGAGGCCACCAGCGG	Hs.181097	3119	-0.858375	0.33235119	0.005256137				-0.581925	0.93669494	0.170823278
TNFSF4	NM_003326_bp231_R	AGCTAAAAGCTGGTGGCCTCTGTAATTCATCTCTTGAATGAATTACAGAGGCCACCAGCGG	Hs.181097	8495	-0.82425	0.26279607	0.004029073				-0.53625	1.02146187	0.229105284
TNFSF4	NM_003326_bp231_R	AGCTAAAAGCTGGTGGCCTCTGTAATTCATCTCTTGAATGAATTACAGAGGCCACCAGCGG	Hs.181097	13871	-1.047925	0.67473755	0.

TNIK	XM_039796_bp2043_R	AGCTAAAAGTCGGAGTCCTTCAGCATTAGTCTCTTGAACTAATGCTGAAGGACTCCGACGG		1992	-0.043675	0.35787775	0.82674721	-0.48045	0.52114708	0.117836784				
TNIK	XM_039796_bp2043_R	AGCTAAAAGTCGGAGTCCTTCAGCATTAGTCTCTTGAACTAATGCTGAAGGACTCCGACGG		7368	-0.5111	1.47462253	0.421918	-0.036925	0.32450197	0.850472934				
TNIK	XM_039796_bp2043_R	AGCTAAAAGTCGGAGTCCTTCAGCATTAGTCTCTTGAACTAATGCTGAAGGACTCCGACGG		12744	0.501025	0.64366371	0.133923489	-0.15725	1.01986023	0.734647407				
TNIK	XM_039796_bp4167_R	AGCTAAAAGGTGCTCCAATGGGGAGAAATTCTCTGAAATTTCTCCCCATTGGAGCACCGG		828	-0.291075	0.35798918	0.184836259	-0.158233333	0.32541436	0.518431479				
TNIK	XM_039796_bp4167_R	AGCTAAAAGGTGCTCCAATGGGGAGAAATTCTCTGAAATTTCTCCCCATTGGAGCACCGG		6204	-0.096825	0.292751	0.597301154	-0.24405	0.7335854 5	0.491550224				
TNIK	XM_039796_bp4167_R	AGCTAAAAGGTGCTCCAATGGGGAGAAATTCTCTGAAATTTCTCCCCATTGGAGCACCGG		11580	-0.355225	0.39582209	0.13627653	-0.546775	0.89785414	0.224682471				
TNIP1	NM_006058_bp1280_R	AGCTAAAAGCTGGCTGATTTGCAGAAGCATCTCTTGAATGCTTCTGCAAATCAGCCAGCGG	Hs.543850	2896	0.525275	0.08593945	0.01095918						-0.4273	0.18904291	0.067018963
TNIP1	NM_006058_bp1280_R	AGCTAAAAGCTGGCTGATTTGCAGAAGCATCTCTTGAATGCTTCTGCAAATCAGCCAGCGG	Hs.543850	8272	0.45615	0.14622144	0.023055859						-0.4514	0.16827491	0.054092839
TNIP1	NM_006058_bp1280_R	AGCTAAAAGCTGGCTGATTTGCAGAAGCATCTCTTGAATGCTTCTGCAAATCAGCCAGCGG	Hs.543850	13648	0.4566	0.15127536	0.023442708						-0.563575	0.21539564	0.027428219
TNIP1	NM_006058_bp1628_R	AGCTAAAAGCAGAATGAGTTGCTGAAACATCTCTTGAATGTTTCAGCAACTCATTCTGCGG	Hs.543850	2894	2.13135	0.36680651	0.000101413						1.265125	0.40608069	0.001432542
TNIP1	NM_006058_bp1628_R	AGCTAAAAGCAGAATGAGTTGCTGAAACATCTCTTGAATGTTTCAGCAACTCATTCTGCGG	Hs.543850	8270	2.10135	0.33947827	8.90E-05						0.935925	0.23298144	0.003097803
TNIP1	NM_006058_bp1628_R	AGCTAAAAGCAGAATGAGTTGCTGAAACATCTCTTGAATGTTTCAGCAACTCATTCTGCGG	Hs.543850	13646	1.974	0.12106202	2.89E-05						1.15285	0.34054987	0.001692921
TNIP1	NM_006058_bp2068_R	AGCTAAAAGGGTTCGAAATCCAAATCAGATCTCTTGAATCTGATTTGGATTTCGAACCCGG	Hs.543850	2898	-1.4911	0.27337162	0.001724856						-0.8984		
TNIP1	NM_006058_bp2068_R	AGCTAAAAGGGTTCGAAATCCAAATCAGATCTCTTGAATCTGATTTGGATTTCGAACCCGG	Hs.543850	8274	-1.472	0.51302292	0.005255533						-1.485	0.55083618	0.014670785
TNIP1	NM_006058_bp2068_R	AGCTAAAAGGGTTCGAAATCCAAATCAGATCTCTTGAATCTGATTTGGATTTCGAACCCGG	Hs.543850	13650	-1.5814	0.5812223	0.00541305						-1.136	0.67302423	0.042367256
TNIP2	XM_024309_bp1135_R	AGCTAAAAGCCGACGCATTAGAGCTTATGTCTCTTGAACATAAGCTCTAATGCGTCGGCGG	Hs.368551	8276	0.308625	0.45007278	0.211739856						0.91075	0.55980287	0.013874849
TNIP2	XM_024309_bp1135_R	AGCTAAAAGCCGACGCATTAGAGCTTATGTCTCTTGAACATAAGCTCTAATGCGTCGGCGG	Hs.368551	13652	0.1571	0.56987579	0.56547138						1.091575	0.59541408	0.007261115
TNIP2	XM_024309_bp1135_R	AGCTAAAAGCCGACGCATTAGAGCTTATGTCTCTTGAACATAAGCTCTAATGCGTCGGCGG	Hs.368551	2900	0.029175	0.53435918	0.909378138						1.0498	1.26677692	0.094509795
TNIP2	XM_024309_bp550_R	AGCTAAAAGCCAAGTGTCTGGATGAACGATCTCTTGAATCGTTCATCCAGACACTTGGCGG	Hs.368551	2902	0.8429	0.36006103	0.006741408						1.13935	1.37928025	0.068862366
TNIP2	XM_024309_bp550_R	AGCTAAAAGCCAAGTGTCTGGATGAACGATCTCTTGAATCGTTCATCCAGACACTTGGCGG	Hs.368551	8278	0.708325	0.39883068	0.016843377						0.666075	0.46056566	0.032720367
TNIP2	XM_024309_bp550_R	AGCTAAAAGCCAAGTGTCTGGATGAACGATCTCTTGAATCGTTCATCCAGACACTTGGCGG	Hs.368551	13654	0.392125	0.30633454	0.075432878						0.7104	0.84135876	0.085087939
TNIP2	XM_024309_bp640_R	AGCTAAAAGCTCAGAGTGTTATTGAGAAGTCTCTTGAACTTCTCAATAACACTCTGGACGG	Hs.368551	2904	-0.4573	0.33799027	0.055200568						-0.2017	0.69003232	0.528462318
TNIP2	XM_024309_bp640_R	AGCTAAAAGCTCAGAGTGTTATTGAGAAGTCTCTTGAACTTCTCAATAACACTCTGGACGG	Hs.368551	8280	-0.7083	0.68583989	0.06141795						-0.1303	0.30487859	0.556597967
TNIP2	XM_024309_bp640_R	AGCTAAAAGCTCAGAGTGTTATTGAGAAGTCTCTTGAACTTCTCAATAACACTCTGGACGG	Hs.368551	13656	-0.7509	0.3062805	0.007816099						-0.123825	0.32010519	0.580696379
TNK1	XM_003985_bp218_R	AGCTAAAAGCCAGGGCACTTCGACTTTGTTCTCTTGAAACAAAGTCGAAGTGCCCTGGCGG	Hs.203420	232	-0.207675	0.50349192	0.414833814	-0.5243375	0.31224443	0.038721004					
TNK1	XM_003985_bp218_R	AGCTAAAAGCCAGGGCACTTCGACTTTGTTCTCTTGAAACAAAGTCGAAGTGCCCTGGCGG	Hs.203420	5608	-0.16425	0.5830249	0.55509388	-0.5454875	0.29878755	0.031875842					
TNK1	XM_003985_bp218_R	AGCTAAAAGCCAGGGCACTTCGACTTTGTTCTCTTGAAACAAAGTCGAAGTGCCCTGGCGG	Hs.203420	10984	-0.256075	0.59527935	0.376516845	-0.4997125	0.30431305	0.043252725					
TNK1	XM_003985_bp614_R	AGCTAAAAGCGAGAGGTATCGGTCATGATTCTCTTGAAATCATGACCGATACCTCTCGCGG	Hs.203420	1696	0.155	0.33612556	0.43636852	0.0298375	0.67811165	0.926394176					
TNK1	XM_003985_bp614_R	AGCTAAAAGCGAGAGGTATCGGTCATGATTCTCTTGAAATCATGACCGATACCTCTCGCGG	Hs.203420	7072	0.16755	0.34997448	0.411630803	-0.0993125	0.62751664	0.744817963					
TNK1	XM_003985_bp614_R	AGCTAAAAGCGAGAGGTATCGGTCATGATTCTCTTGAAATCATGACCGATACCTCTCGCGG	Hs.203420	12448	0.121275	0.37488093	0.559739571	0.0689875	0.66984124	0.829563265					
TNK2	XM_005781_bp1624_R	AGCTAAAAGGCAGTCAGATCCTGCATAAGTCTCTTGAACTTATGCAGGATCTGACTGCCGG	Hs.518513	435	3.43335	1.62544725	0.003033898	0.9142	2.19352739	0.407403278					
TNK2	XM_005781_bp1624_R	AGCTAAAAGGCAGTCAGATCCTGCATAAGTCTCTTGAACTTATGCAGGATCTGACTGCCGG	Hs.518513	5811	6.13045	3.16154686	0.004115136	1.0213	2.64686608	0.437727012					
TNK2	XM_005781_bp1624_R	AGCTAAAAGGCAGTCAGATCCTGCATAAGTCTCTTGAACTTATGCAGGATCTGACTGCCGG	Hs.518513	11187	5.474825	3.03247678	0.0055839	1.5761	3.18353318	0.331514623					
TNK2	XM_005781_bp3576_R	AGCTAAAAGGCTGCCCAGTATCGAAGGTTCTCTTGAAACCTTCAGATACTGGGCAGCCGG	Hs.518513	436	0.5908	1.05593272	0.226100372	-1.059266667	3.5912712	0.543464882					
TNK2	XM_005781_bp3576_R	AGCTAAAAGGCTGCCCAGTATCGAAGGTTCTCTTGAAACCTTCAGATACTGGGCAGCCGG	Hs.518513	5812	0.824775	1.0730439	0.116019976	-1.0134	4.26360763	0.620325232					
TNK2	XM_005781_bp3576_R	AGCTAAAAGGCTGCCCAGTATCGAAGGTTCTCTTGAAACCTTCAGATACTGGGCAGCCGG	Hs.518513	11188	0.487675	0.98955786	0.28111568	-0.977066667	4.70915558	0.66375221					
TNKS	AF082557_bp1536_R	AGCTAAAAGGCGGACTTATGGAAATTTACTTCTTTGAAGTAAATTTCCATAAGTCCGCCGG	Hs.370267	4794	0.1452875	0.41148967	0.510157748	-0.636016667	2.66729848	0.043492575					
TNKS	AF082557_bp1536_R	AGCTAAAAGGCGGACTTATGGAAATTTACTTCTTTGAAGTAAATTTCCATAAGTCCGCCGG	Hs.370267	10170	-0.0171375	0.33390117	0.928916425	-0.5778625	0.32186776	0.029745391					
TNKS	AF082557_bp1536_R	AGCTAAAAGGCGGACTTATGGAAATTTACTTCTTTGAAGTAAATTTCCATAAGTCCGCCGG	Hs.370267	15546	0.0768375	0.33259292	0.690991114	-0.4523375	0.3242446	0.063738442					
TNKS	AF082557_bp1906_R	AGCTAAAAAGGTGGTTTAATTCCTCTTCATTCTCTTGAAATGAAGAGGAATTAAACCACCGG	Hs.370267	4798	0.6845875	0.42283865	0.021758465	-0.5888625	0.7164939	0.13137966					
TNKS	AF082557_bp1906_R	AGCTAAAAGGTGGTTTAATTCCTCTTCATTCTCTTGAAATGAAGAGGAATTAAACCACCGG	Hs.370267	10174	0.6288625	0.45644817	0.034702919	-0.6069375	0.7765062	0.142930027					
TNKS	AF082557_bp1906_R	AGCTAAAAGGTGGTTTAATTCCTCTTCATTCTCTTGAAATGAAGAGGAATTAAACCACCGG	Hs.370267	15550	0.6253125	0.39812822	0.026436608	-0.4787625	0.60037804	0.151052717					
TNKS	AF082557_bp3158_R	AGCTAAAAGGCTGGCATATGCTGAATATGTCTCTTGAACATATTCAGCATATGCCAGCCGG	Hs.370267	4796	1.0544625	0.2796678	0.001513808	-0.2308625	0.39566662	0.320278677					
TNKS	AF082557_bp3158_R	AGCTAAAAGGCTGGCATATGCTGAATATGTCTCTTGAACATATTCAGCATATGCCAGCCGG	Hs.370267	10172	1.0965625	0.25011315	0.001040948	-0.2061125	0.62206882	0.505263949					
TNKS	AF082557_bp3158_R	AGCTAAAAGGCTGGCATATGCTGAATATGTCTCTTGAACATATTCAGCATATGCCAGCCGG	Hs.370267	15548	1.0281875	0.28404978	0.001746455	-0.1241375	0.58457593	0.668565506					
TNN13K	NM_015978_bp1243_R	AGCTAAAAGTCACACTCCTGAAGCATTATTCTCTTGAAATAATGCTTCAGGAGTGTGACGG	Hs.480085	1680	1.971775	1.55527075	0.023744468	0.766066667	1.72630291	0.384808161					
TNN13K	NM_015978_bp1243_R	AGCTAAAAGTCACACTCCTGAAGCATTATTCTCTTGAAATAATGCTTCAGGAGTGTGACGG	Hs.480085	7056	1.99775	1.59891867	0.024090056	1.659633333	0.30474797	0.002574221					
TNN13K	NM_015978_bp1243_R	AGCTAAAAGTCACACTCCTGAAGCATTATTCTCTTGAAATAATGCTTCAGGAGTGTGACGG	Hs.480085	12432	1.91865	1.6407793	0.031282802	1.035266667	0.9514076	0.091611372					
TNN13K	NM_015978_bp460_R	AGCTAAAAGCCCTCCATATTGCTACAATATCTCTTGAATATTGTAGCAATATGGAGGGCGG	Hs.480085	544	-0.01605	0.34113577	0.934126913	0.05845	0.58244386	0.88246108					
TNN13K	NM_015978_bp460_R	AGCTAAAAGCCCTCCATATTGCTACAATATCTCTTGAATATTGTAGCAATATGGAGGGCGG	Hs.480085	5920	-0.226075	0.39873176	0.312138316	0.894166667	1.17829817	0.184107952					
TNN13K	NM_015978_bp460_R	AGCTAAAAGCCCTCCATATTGCTACAATATCTCTTGAATATTGTAGCAATATGGAGGGCGG	Hs.480085	11296	-0.451025	0.63967858	0.166859059	0.204566667	1.37436022	0.761454278					
TOLLIP	NM_019009_bp303_R	AGCTAAAAGCCAAGAATTACGGCATGACTCTCTTGAAGTCATGCCGTAATTCTTGGCCGG	Hs.368527	2637	-0.6493	0.45358647	0.036048047						0.0867125	0.2346781	0.535456814
TOLLIP	NM_019009_bp303_R	AGCTAAAAGGCCAAGAATTACGGCATGACTCTCTTGAAGTCATGCCGTAATTCTTGGCCGG	Hs.368527	8013	-0.504733333	0.45759774	0.147664826						-0.0259625	0.15912659	0.931451453
TOLLIP	NM_019009_bp303_R	AGCTAAAAGGCCAAGAATTACGGCATGACTCTCTTGAAGTCATGCCGTAATTCTTGGCCGG	Hs.368527	13389	-1.069	0.41554654	0.005011551						-0.0210125	0.17224029	0.912088029
TOLLIP	NM_019009_bp700_R	AGCTAAAAGTTGGCTATGTGCCCATCACATCTCTTGAATGTGATGGGCACATAGCCAACGG	Hs.368527	2639	0.676575	0.19547674	0.004687657						-0.1292375	0.40205177	0.717737783
TOLLIP	NM_019009_bp700_R	AGCTAAAAGTTGGCTATGTGCCCATCACATCTCTTGAATGTGATGGGCACATAGCCAACGG	Hs.368527	8015	0.702	0.30972312	0.008492146						-0.1960875	0.43279124	0.537958671
TOLLIP	NM_019009_bp700_R	AGCTAAAAGTTGGCTATGTGCCCATCACATCTCTTGAATGTGATGGGCACATAGCCAACGG	Hs.368527	13391	0.72185	0.2713975	0.005502783						-0.2315625	0.37639109	0.428743829
TOLLIP	NM_019009_bp884_R	AGCTAAAAGGACAAGGATGCCGCCATCATCTCTTGAATGATGGCGGCATCCTTGTTCCGG	Hs.368527	2665	0.79045	0.65681717	0.055106876						-0.9414625	2.16300345	0.292269685
TOLLIP	NM_019009_bp884_R	AGCTAAAAGGACAAGGATGCCGCCATCATCTCTTGAATGATGGCGGCATCCTTGTTCCGG	Hs.368527	8041	0.974216667	0.57676025	0.023608991						-0.8335625	2.08792702	0.33410079
TOLLIP	NM_019009_bp884_R	AGCTAAAAGGACAAGGATGCCGCCATCATCTCTTGAATGATGGCGGCATCCTTGTTCCGG	Hs.368527	13417	0.555675	0.05737527	0.082984126						0.107016667	1.03165814	0.745080972
TOMM40L	BX537951_bp603_R	AGCTAAAAGTTCCTGACATGGCAGTTTGATCTCTTGAATCAAACTGCCATGTCAGGAACGG	Hs.321653	9634	0.10705	0.04633656	0.449457875	-0.500975	0.1235906	0.018356187	-0.73003333	0.23859653	0.029452497
TOMM40L	BX537951_bp603_R	AGCTAAAAGTTCCTGACATGGCAGTTTGATCTCTTGAATCAAACTGCCATGTCAGGAACGG	Hs.321653	4258	0.379975	0.33164976	0.091154592	-0.3074	0.78385225	0.418162545	-1.12105	0.86571083	0.059770802
TOMM40L	BX537951_bp603_R	AGCTAAAAGTTCCTGACATGGCAGTTTGATCTCTTGAATCAAACTGCCATGTCAGGAACGG	Hs.321653	15010	0.4353	0.28161211	0.040600974	0.233366667	0.69105624	0.541691954	-0.70725	0.19480792	0.088918355
TOMM40L	BX537951_bp745_R	AGCTAAAAGGAGGAGAGCTAGTTTATCACTCTCTTGAAGTGATAAACTAGCTCTCCTCCGG	Hs.321653	4260	0.426625	0.9331949	0.316200126	0.17055	0.28422533	0.375635366	0.381333333	0.10583527	0.158304793
TOMM40L	BX537951_bp745_R	AGCTAAAAGGAGGAGAGCTAGTTTATCACTCTCTTGAAGTGATAAACTAGCTCTCCTCCGG	Hs.321653	9636	0.4359	0.96050954	0.318002722	0.03565	0.51284424	0.891032913	0.2425	0.21904776	0.359668609
TOMM40L	BX537951_bp745_R	AGCTAAAAGGAGGAGAGCTAGTTTATCACTCTCTTGAAGTGATAAACTAGCTCTCCTCCGG	Hs.321653	15012	0.424075	0.92525127	0.315151724	0.10205	0.29343463	0.590047004	0.275466667	0.18067303	0.296269831
TOMM40L	BX537951_bp905_R	AGCTAAAAGAGTGGAGTTTGAGGCAAACATCTCTTGAATGTTTGCCTCAAACTCCACTCGG	Hs.321653	4256	-0.047975	0.39656175	0.820447245	-0.00545	0.60287488	0.985195649	1.811333333	1.90054626	0.053621897
TOMM40L	BX537951_bp905_R	AGCTAAAAGAGTGGAGTTTGAGGCAAACATCTCTTGAATGTTTGCCTCAAACTCCACTCGG	Hs.321653	9632	0.039425	0.45996938	0.864736799	-0.130675	0.58654992	0.653442351	1.871766667	1.90987403	0.049071829
TOMM40L	BX537951_bp905_R	AGCTAAAAGAGTGGAGTTTGAGGCAAACATCTCTTGAATGTTTGCCTCAAACTCCACTCGG	Hs.321653	15008	-0.06235	0.34806193	0.751863432	-0.083475	0.73335061	0.809239789	2.272866667	2.14748692	0.036905686
TOP1	NM_003286_bp1293_R	AGCTAAAAGATTGCTAACTTCAAGATAGATCTCTGAATCTATCTTGAAGTTAGCAATCGG	Hs.592136	1064	-0.0534125	0.2240279	0.745409916						-0.1631625	0.76740008	0.632257719
TOP1	NM_003286_bp1293_R	AGCTAAAAGATTGCTAACTTCAAGATAGATCTCTGAATCTATCTTGAAGTTAGCAATCGG	Hs.592136	6440	-0.0279875	0.21097052	0.861938653						-0.2292875	0.76295956	0.503688723
TOP1	NM_003286_bp1293_R	AGCTAAAAGATTGCTAACTTCAAGATAGATCTCTGAATCTATCTTGAAGTTAGCAATCGG	Hs.592136	11816	-0.0059125	0.20904308	0.970571325						-0.1967375	0.73204328	0.553423333
TOP1	NM_003286_bp1678_R	AGCTAAAAGCCCTGTACTTCATCGACAAGTCTCTTGAACTTGTCGATGAAGTACAGGGCGG	Hs.592136	1062	-0.7661375	0.07524524	0.002158501						-1.1858625	0.4556204	0.002540003
TOP1	NM_003286_bp1678_R	AGCTAAAAGCCCTGTACTTCATCGACAAGTCTCTTGAACTTGTCGATGAAGTACAGGGCGG	Hs.592136	6438	-0.7853875	0.08969579	0.002020863						-1.2175375	0.5063465	0.002875505
TOP1	NM_003286_bp1678_R	AGCTAAAAGCCCTGTACTTCATCGACAAGTCTCTTGAACTTGTCGATGAAGTACAGGGCGG	Hs.592136	11814	-0.6990625	0.19513408	0.005444399						-1.1453875	0.53113339	0.004321399
TOP1	NM_003286_bp2328_R	AGCTAAAAGGAGGAACAGTTGATGAAGCTTCTCTTGAAAGCTTCATCAACTGTTCCTCCGG	Hs.592136	1063	1.8846125	0.68487196	0.001369455						1.0768625	0.69642613	0.011823353
TOP1	NM_003286_bp2328_R	AGCTAAAAGGAGGAACAGTTGATGAAGCTTCTCTTGAAAGCTTCATCAACTGTTCCTCCGG	Hs.592136	6439	2.0417625	0.79088677	0.001635034						1.1145875	0.73516902	0.011890338
TOP1	NM_003286_bp2328_R	AGCTAAAAGGAGGAACAGTTGATGAAGCTTCTCTTGAAAGCTTCATCAACTGTTCCTCCGG	Hs.592136	11815	2.0281875	0.76859337	0.001510892						1.1241875	0.70565252	0.010170415
TOP2A	NM_001067_bp3519_R	AGCTAAAAGCCCCCTTTGGTATTTAACCAATCTCTTGAATTGGTTAAATACCAAAGGGGCGG	Hs.156346	2095	-0.2827125	0.21013318	0.123204882						0.3659625	0.32596002	0.13647216
TOP2A	NM_001067_bp3519_R	AGCTAAAAGCCCCCTTTGGTATTTAACCAATCTCTTGAATTGGTTAAATACCAAAGGGGCGG	Hs.156346	7471	-0.3615125	0.0662219	0.040553482						0.2352375	0.2794882	0.294534676
TOP2A	NM_001067_bp3519_R	AGCTAAAAGCCCCCTTTGGTATTTAACCAATCTCTTGAATTGGTTAAATACCAAAGGGGCGG	Hs.156346	12847	-0.4002625	0.10461435	0.031621675						0.3855875	0.4521726	0.158653819
TOP2A	NM_001067_bp558_R	AGCTAAAAGCTCCTAACTTCTAGTAACTATCTCTTGAATAGTTACTAGAAGTTAGGAGCGG	Hs.156346	2097	0.1769875	1.73187462	0.805771158						-0.0440125	0.98259457	0.913566604
TOP2A	NM_001067_bp558_R	AGCTAAAAGCTCCTAACTTCTAGTAACTATCTCTTGAATAGTTACTAGAAGTTAGGAGCGG	Hs.156346	7473	0.1444875	1.76505596	0.843413176						0.0038625	0.97031933	0.992320739
TOP2A	NM_001067_bp558_R	AGCTAAAAGCTCCTAACTTCTAGTAACTATCTCTTGAATAGTTACTAGAAGTTAGGAGCGG	Hs.156346	12849	0.1424375	1.77409761	0.846344972						-0.0451125	1.02274505	0.914170035
TOP2A	NM_001067_bp786_R	AGCTAAAAGCCTGATTTGTCTAAGTTTAATCCTTGAATTAACCAGTCAAGCAAATCAGCGG	Hs.156346	2093	-0.1763625	0.50695388	0.486390126						-0.1652875	0.59848188	0.571817182
TOP2A	NM_001067_bp786_R	AGCTAAAAGCCTGATTTGTCTAAGTTTAATCCTTGAATTAACCAGTCAAGCAAATCAGCGG	Hs.156346	7469	-0.0651125	0.61028143	0.818389433						-0.0642125	0.5190092	0.810331947
TOP2A	NM_001067_bp786_R	AGCTAAAAGCCTGATTTGTCTAAGTTTAATCCTTGAATTAACCAGTCAAGCAAATCAGCGG	Hs.156346	12845	-0.3179625	0.41587932	0.183819336						-0.0762625	0.64233274	0.8002811
TOX	BX647462_bp2741_R	AGCTAAAAGGGTGTAATTTAAAGGTTTAATCTCTTGAATTGTAGAGACATAGTTTCGCCGG		9784	-0.02065	0.98364083	0.96099013 6	-0.500475	0.2695528	0.0362707	-1.0601	1.38597887	0.137791304	
TOX	BX647462_bp2741_R	AGCTAAAAGGGTGTAATTTAAAGGTTTAATCTCTTGAATTGTAGAGACATAGTTTCGCCGG		9780	-0.2545	0.81104113	0.486802273	-0.2947	0.06917924	0.082081249	-0.8632	0.69759271	0.051071649	
TOX	BX647462_bp2741_R	AGCTAAAAGGGTGTAATTTAAAGGTTTAATCTCTTGAATTGTAGAGACATAGTTTCGCCGG		15156	0.2443	0.15160369	0.389823649	-0.379825	0.5248287	0.195758763	-1.42895	0.62501168	0.018991875	
TOX	BX647462_bp3831_R	AGCTAAAAGCGAAACTATGTCTCTACAATCTCTTGAATTGTAGAGACATAGTTTCGCCGG		9784	-0.02065	0.98364083	0.96099013 6				0.8151			
TOX	BX647462_bp3831_R	AGCTAAAAGCGAAACTATGTCTCTACAATCTCTTGAATTGTAGAGACATAGTTTCGCCGG		15160	-0.427325	0.64106032	0.18677927				0.3319			
TOX	BX647462_bp3831_R	AGCTAAAAGCGAAACTATGTCTCTACAATCTCTTGAATTGTAGAGACATAGTTTCGCCGG		4408	-0.549875	0.71530959	0.131425036							
TOX	BX647462_bp6092_R	AGCTAAAAGCGGACTTGCTTTCCCTTTCATCTCTTGAATGAAGGGAAAGCAAGTCCGCCGG		4406	-0.52435	0.64617678	0.121209541	0.044175	0.65855344	0.888667605	1.170566667	0.94477603	0.035099296	
TOX	BX647462_bp6092_R	AGCTAAAAGCGGACTTGCTTTCCCTTTCATCTCTTGAATGAAGGGAAAGCAAGTCCGCCGG		9782	-0.644275	0.89937292	0.142820639	0.057733333	0.85637416	0.895812411	0.984033333	1.06949661	0.078969907	
TOX	BX647462_bp6092_R	AGCTAAAAGCGGACTTGCTTTCCCTTTCATCTCTTGAATGAAGGGAAAGCAAGTCCGCCGG		15158	-0.37115	0.96938751	0.392113657	0.309675	0.94682244	0.485273874	1.139533333	1.03500861	0.047430003	
TP53	NM_000546_bp1107_R	AGCTAAAAGCCTGTGCAAGAAATCTCTGGAAGAAACTTCTTTCGGAGATTCTCTTCGG	Hs.408312	2061	-0.5615375	0.54425349	0.071972844				-0.7686375	0.7612122	0.053730234	
TP53	NM_000546_bp1107_R	AGCTAAAAGCCTGTGCAAGAAATCTCTGGAAGAAACTTCTTTCGGAGATTCTCTTCGG	Hs.408312	7437	-0.5290375	0.60114738	0.103226603				-0.9146375	0.69048204	0.022700138	
TP53	NM_000546_bp1107_R	AGCTAAAAGCCTGTGCAAGAAATCTCTGGAAGAAACTTCTTTCGGAGATTCTCTTCGG	Hs.408312	12813	-0.4157375	0.74361382	0.244298818				-1.0006375	0.85521781	0.028318856	
TP53	NM_000546_bp611_R	AGCTAAAAGTCTGTGACTTGCACGTACTCTCTCTTGAAGAGTACGTGCAAGTCACAGACGG	Hs.408312	2063	0.3215375	0.93256453	0.439451624				-0.6265125	0.69674816	0.084033746	
TP53	NM_000546_bp611_R	AGCTAAAAGTCTGTGACTTGCACGTACTCTCTCTTGAAGAGTACGTGCAAGTCACAGACGG	Hs.408312	7439	0.2952875	1.04343037	0.516817002				-0.5478375	0.69644351	0.120502601	
TP53	NM_000546_bp611_R	AGCTAAAAGTCTGTGACTTGCACGTACTCTCTCTTGAAGAGTACGTGCAAGTCACAGACGG	Hs.408312	12815	0.3623375	1.00429418	0.416442399				-0.4225125	0.73268023	0.226279734	
TP53	NM_000546_bp854_R	AGCTAAAAGCGTGTGGAGTATTTGGATGATCTCTTGAATCATCCAAATACTCCACACGCGG	Hs.408312	1040	-0.4306625	0.39229947	0.08296861				0.3500875	0.05987148	0.101122935	
TP53	NM_000546_bp854_R	AGCTAAAAGCGTGTGGAGTATTTGGATGATCTCTTGAATCATCCAAATACTCCACACGCGG	Hs.408312	6416	-0.5310375	0.41084699	0.048553951				0.3863375	0.06733312	0.076945598	
TP53	NM_000546_bp854_R	AGCTAAAAGCGTGTGGAGTATTTGGATGATCTCTTGAATCATCCAAATACTCCACACGCGG	Hs.408312	11792	-0.5032125	0.40361929	0.055505969				0.3877875	0.07415235	0.076502764	
TP53BP1	NM_005657_bp406_R	AGCTAAAAGTGGGTTCAATGAACATTTGATCTCTTGAATTACTGTGGCAGACTTGCGACGG	Hs.440968	1039	0.4882125	0.50112129	0.090077117				-0.1586375	0.63038637	0.598011716	
TP53BP1	NM_005657_bp406_R	AGCTAAAAGTGGGTTCAATGAACATTTGATCTCTTGAATTACTGTGGCAGACTTGCGACGG	Hs.440968	6415	0.5506625	0.53253815	0.027266762				-0.2257125	0.71635441	0.49263203	
TP53BP1	NM_005657_bp406_R	AGCTAAAAGTGGGTTCAATGAACATTTGATCTCTTGAATTACTGTGGCAGACTTGCGACGG	Hs.440968	11791	0.5787875	0.48956815	0.052730053				-0.2134625	0.70337694	0.510634345	
TP53BP1	NM_005657_bp521_R	AGCTAAAAGTCGCAAGTCTGCCACAGTATACTCTTGAATTACTGTGGCAGACTTGCGACGG	Hs.440968	2059	0.1267875	0.23610131	0.459426303				-1.4137625	0.26743197	0.000409538	
TP53BP1	NM_005657_bp521_R	AGCTAAAAGTCGCAAGTCTGCCACAGTATACTCTTGAATTACTGTGGCAGACTTGCGACGG	Hs.440968	7435	0.1261875	0.19648281	0.438442871				-1.1259125	0.16605118	0.00039596	
TP53BP1	NM_005657_bp590_R	AGCTAAAAGCTCCAAGACTACCGTAATTATCTCTTGAATAATTACGGTAGTTCTGGAGCGG	Hs.440968	12811	0.1308625	0.26242791	0.461990628				-1.4256375	0.28658344	0.000426095	
TP53BP1	NM_005657_bp590_R	AGCTAAAAGCTCCAAGACTACCGTAATTATCTCTTGAATAATTACGGTAGTTCTGGAGCGG	Hs.440968	1038	-1.1254375	0.99345417	0.000389933				-0.3793875	0.39395469	0.145105739	
TP53BP1	NM_005657_bp590_R	AGCTAAAAGCTCCAAGACTACCGT

TP73L	NM_003722_bp2060_R	AGCTAAAAGTGGAATGACTTCAACTTTGATCTCTTGAATCAAAGTTGAAGTCATTCCACGG	Hs.137569	7431	-0.6432375	0.60891418	0.06188431				0.0037375	0.42172212	0.98772819								
TP73L	NM_003722_bp2060_R	AGCTAAAAGTGGAATGACTTCAACTTTGATCTCTTGAATCAAAGTTGAAGTCATTCCACGG	Hs.137569	12807	-0.5974875	0.58051825	0.06905911 7				-0.0099875	0.44421104	0.96790232								
TP73L	NM_003722_bp299_R	AGCTAAAAGCCCATTGACTTGAACTTTGTTCTCTTGAAACAAAGTTCAAGTCAATGGGCGG	Hs.137569	2053	-1.3544875	0.22033687	0.00031863 5				0.0318125	0.23730596	0.877846446								
TP73L	NM_003722_bp299_R	AGCTAAAAGCCCATTGACTTGAACTTTGTTCTCTTGAAACAAAGTTCAAGTCAATGGGCGG	Hs.137569	7429	-1.1570375	0.13940003	0.000418193				0.0978625	0.63739066	0.744754791								
TP73L	NM_003722_bp299_R	AGCTAAAAGCCCATTGACTTGAACTTTGTTCTCTTGAAACAAAGTTCAAGTCAATGGGCGG	Hs.137569	12805	-1.2685375	0.3058457	0.000774952				0.0328375	0.27791995	0.877842731								
TRADD	NM_153425_bp1016_R	AGCTAAAAAGAGGATGCGCTGCGAAATCTGTCTCTTGAACAGATTTCGCAGCGCATCCTCCGG	Hs.460996	2625																	
TRADD	NM_153425_bp1016_R	AGCTAAAAAGAGGATGCGCTGCGAAATCTGTCTCTTGAACAGATTTCGCAGCGCATCCTCCGG	Hs.460996	8001																	
TRADD	NM_153425_bp1016_R	AGCTAAAAAGAGGATGCGCTGCGAAATCTGTCTCTTGAACAGATTTCGCAGCGCATCCTCCGG	Hs.460996	13377																	
TRAF1	NM_005658_bp253_R	AGCTAAAAAGGGGAAGACCTCCAGTCTATATCTCTTGAATATAGACTGGAGGTCTTCCCCCGG	Hs.531251	858	-0.0737625	0.57932052	0.786916849				-1.128975	0.06622055	0.021498615								
TRAF1	NM_005658_bp253_R	AGCTAAAAAGGGGAAGACCTCCAGTCTATATCTCTTGAATATAGACTGGAGGTCTTCCCCCGG	Hs.531251	6234	-0.0941875	0.76220123	0.781517754				-0.97178333	0.47266076	0.018444476								
TRAF1	NM_005658_bp253_R	AGCTAAAAAGGGGAAGACCTCCAGTCTATATCTCTTGAATATAGACTGGAGGTCTTCCCCCGG	Hs.531251	11610	0.0956875	0.59936139	0.733133074				-0.919375	0.00194454	0.040536998								
TRAF1	NM_005658_bp432_R	AGCTAAAAAGCTGTTGGGGTTCATGAAACATCTCTTGAATGTTTCATGAACCCCAACAGCGG	Hs.531251	2216																	
TRAF1	NM_005658_bp432_R	AGCTAAAAAGCTGTTGGGGTTCATGAAACATCTCTTGAATGTTTCATGAACCCCAACAGCGG	Hs.531251	7592																	
TRAF1	NM_005658_bp432_R	AGCTAAAAAGCTGTTGGGGTTCATGAAACATCTCTTGAATGTTTCATGAACCCCAACAGCGG	Hs.531251	12968																	
TRAF2	NM_021138_bp1267_R	AGCTAAAAAGGAACACACCTGTCCCTCTTCTCTCTTGAAGAAGAGGGACAGGTGTGTTCCGG	Hs.522506	1456	-0.772566667	0.52991488	0.062655279				0.5528	0.95629121	0.265818697								
TRAF2	NM_021138_bp1267_R	AGCTAAAAAGGAACACACCTGTCCCTCTTCTCTCTTGAAGAAGAGGGACAGGTGTGTTCCGG	Hs.522506	6832	-0.681933333	0.77725529	0.164949753				0.6423	0.68066099	0.157172202								
TRAF2	NM_021138_bp1267_R	AGCTAAAAAGGAACACACCTGTCCCTCTTCTCTCTTGAAGAAGAGGGACAGGTGTGTTCCGG	Hs.522506	12208	-0.71315	0.74741187	0.203164565				0.080383333	0.92599522	0.77409126								
TRAF2	NM_021138_bp2242_R	AGCTAAAAAGACAGAGTTATTAAACCATTCTCTCTTGAAGAATGGTTTAATAACTCTGTCGG	Hs.522506	2479	2.4605	1.16987862	0.002796822				1.1995	1.82603255	0.153344559								
TRAF2	NM_021138_bp2242_R	AGCTAAAAAGACAGAGTTATTAAACCATTCTCTCTTGAAGAATGGTTTAATAACTCTGTCGG	Hs.522506	7855	2.1268	0.77011362	0.001010778				1.64525	2.07882323	0.097810026								
TRAF2	NM_021138_bp2242_R	AGCTAAAAAGACAGAGTTATTAAACCATTCTCTCTTGAAGAATGGTTTAATAACTCTGTCGG	Hs.522506	13231	2.219433333	0.42324208	0.000588588				1.20045	1.93740187	0.168895485								
TRAF2	NM_021138_bp692_R	AGCTAAAAAGTCGAGTCCCTTGCAGATTCCTCTCTTGAAGGAATCTGCAAGGGACTCGACGG	Hs.522506	1455	-1.5256	0.332505	0.000510394				0.1259375	0.44764709	0.503575047								
TRAF2	NM_021138_bp692_R	AGCTAAAAAGTCGAGTCCCTTGCAGATTCCTCTCTTGAAGGAATCTGCAAGGGACTCGACGG	Hs.522506	6831	-1.547325	0.38130145	0.000652829				-0.1247625	0.34495072	0.718710345								
TRAF2	NM_021138_bp692_R	AGCTAAAAAGTCGAGTCCCTTGCAGATTCCTCTCTTGAAGGAATCTGCAAGGGACTCGACGG	Hs.522506	12207	-1.466025	0.3187739	0.00056901				0.2528125	0.20773824	0.177248267								
TRAF3	NM_145725_bp494_R	AGCTAAAAAGGAGGACAAGTACAAGTGTGATCTCTTGAATCACACTTGTACTTGTTCCTCCGG	Hs.510528	935	4.7460375	1.2495194	0.000215989				2.2708625	1.58041471	0.007806457	0.423825	0.22179396	0.031535076	0.97365	0.5607215	0.04026321		
TRAF3	NM_145725_bp494_R	AGCTAAAAAGGAGGACAAGTACAAGTGTGATCTCTTGAATCACACTTGTACTTGTTCCTCCGG	Hs.510528	6311	4.7746875	1.26408279	0.000221013				2.1991375	1.58857633	0.009212728	0.708025	0.52541293	0.074091843	1.0436	0.47902753	0.02233978		
TRAF3	NM_145725_bp494_R	AGCTAAAAAGGAGGACAAGTACAAGTGTGATCTCTTGAATCACACTTGTACTTGTTCCTCCGG	Hs.510528	11687	4.8500375	1.31581053	0.000245436				2.3898875	1.78068087	0.010123388	0.78435	0.65126312	0.095127644	1.174325	0.58695935	0.027983099		
TRAF3	NM_145725_bp630_R	AGCTAAAAAGAGAGCATCGTTAAAGATAAGTCTCTTGAACTTATCTTTAACGATGCTCTCGG	Hs.510528	936	0.1814625	0.42874227	0.427453773				-0.0626375	0.98001847	0.877058822	0.298125	0.43617022	0.265045512	0.8554	0.34759289	0.016070758		
TRAF3	NM_145725_bp630_R	AGCTAAAAAGAGAGCATCGTTAAAGATAAGTCTCTTGAACTTATCTTTAACGATGCTCTCGG	Hs.510528	6312	0.1579375	0.42261695	0.482605605				-0.0835125	1.02830548	0.842717932	0.3568	0.53971815	0.277880205	0.864025	0.38052772	0.019994181		
TRAF3	NM_145725_bp630_R	AGCTAAAAAGAGAGCATCGTTAAAGATAAGTCTCTTGAACTTATCTTTAACGATGCTCTCGG	Hs.510528	11688	0.1313375	0.4224317	0.556044271				-0.0928125	1.03204746	0.826037001	0.348625	0.4819088	0.24373626	0.892175	0.33540991	0.012974776		
TRAF3	NM_145725_bp744_R	AGCTAAAAAGGACATCTGCTGGTGCATTTATCTCTTGAATAAATGCACCAGCAGATGTCCGG	Hs.510528	1953	-1.2264875	0.10188055	0.000267692				1.2550375	0.32192018	0.000996858	0.36765	0.4344409	0.189123251	2.201325	0.25532354	0.000424979		
TRAF3	NM_145725_bp744_R	AGCTAAAAAGGACATCTGCTGGTGCATTTATCTCTTGAATAAATGCACCAGCAGATGTCCGG	Hs.510528	7329	-1.2128875	0.23815667	0.000602856				1.2302125	0.32622762	0.00113003	0.352475	0.53820374	0.28152991	2.134325	0.29876379	0.000742979		
TRAF3	NM_145725_bp744_R	AGCTAAAAAGGACATCTGCTGGTGCATTTATCTCTTGAATAAATGCACCAGCAGATGTCCGG	Hs.510528	12705	-1.2126375	0.27113595	0.000752875				1.1972625	0.32858543	0.003117029	0.381975	0.60643907	0.296853219	2.147875	0.26497789	0.000510582		
TRAF3IP2	NM_147686_bp1667_R	AGCTAAAAAGAGGCATTGATATCATTAAATTCTCTTGAAATTTAATGATATCAATGCCTCGG	Hs.571184	2732	1.328675	0.60741401	0.004228119				0.2747125	0.48922294	0.311333863								
TRAF3IP2	NM_147686_bp1667_R	AGCTAAAAAGAGGCATTGATATCATTAAATTCTCTTGAAATTTAATGATATCAATGCCTCGG	Hs.571184	8108	1.39635	0.70285234	0.005591429				0.184275	0.62897005	0.541380566								
TRAF3IP2	NM_147686_bp1667_R	AGCTAAAAAGAGGCATTGATATCATTAAATTCTCTTGAAATTTAATGATATCAATGCCTCGG	Hs.571184	13484	1.595725	0.69639003	0.003055469				0.059225	0.9596838	0.881784327								
TRAF3IP2	NM_147686_bp1693_R	AGCTAAAAAGCGCCTACCTTAGGGATAAGTCTCTTGAACTTATCCCTAAGGTAGCGCTCGG	Hs.571184	2734	-1.831125	0.86513102	0.003718976				0.003675	1.04863772	0.99313029								
TRAF3IP2	NM_147686_bp1693_R	AGCTAAAAAGCGCCTACCTTAGGGATAAGTCTCTTGAACTTATCCCTAAGGTAGCGCTCGG	Hs.571184	8110	-1.253333333	0.56808626	0.011658689				0.029	0.97693312	0.942710242								
TRAF3IP2	NM_147686_bp1693_R	AGCTAAAAAGCGCCTACCTTAGGGATAAGTCTCTTGAACTTATCCCTAAGGTAGCGCTCGG	Hs.571184	13486	-1.2263	1.02341433	0.031929126				0.03315	1.00569829	0.936010517								
TRAF3IP3	NM_025228_bp1521_R	AGCTAAAAAGGAAACTCTTAACAAAGAAATCTCTTGAATTTCTTTGTTAAGAGTTTCTCGG	Hs.147434	2660							-0.57205	0.20650874	0.076739958								
TRAF3IP3	NM_025228_bp1521_R	AGCTAAAAAGGAAACTCTTAACAAAGAAATCTCTTGAATTTCTTTGTTAAGAGTTTCTCGG	Hs.147434	13412	0.801433333	1.10983518	0.007691637				-0.39745	0.29607635	0.215004484								
TRAF3IP3	NM_025228_bp1521_R	AGCTAAAAAGGAAACTCTTAACAAAGAAATCTCTTGAATTTCTTTGTTAAGAGTTTCTCGG	Hs.147434	8036	0.63115						-0.506675	0.39071185	0.238993272								
TRAF3IP3	NM_025228_bp1562_R	AGCTAAAAAGAGTCCAAAGTCTTCCCTAATCTCTTGAATTAGGGAAGGACTTTGGACTCGG	Hs.147434	1358	0.803625	0.35411972	0.005562392				-0.8902625	0.88827838	0.056400693								
TRAF3IP3	NM_025228_bp1562_R	AGCTAAAAAGAGTCCAAAGTCTTCCCTAATCTCTTGAATTAGGGAAGGACTTTGGACTCGG	Hs.147434	6734	0.8219	0.37564324	0.005844842				-0.9434625	0.90933683	0.048986654								
TRAF3IP3	NM_025228_bp1562_R	AGCTAAAAAGAGTCCAAAGTCTTCCCTAATCTCTTGAATTAGGGAAGGACTTTGGACTCGG	Hs.147434	12110	0.845125	0.34578128	0.004318098				-0.9445625	0.91436958	0.049483861								
TRAF3IP3	NM_025228_bp744_R	AGCTAAAAAGGACCAACAATTAAGAACGATTCTCTTGAAATCGTTCTTAATTGTTGGTCCGG	Hs.147434	2658							-0.015875	0.37275134	0.942858074								
TRAF3IP3	NM_025228_bp744_R	AGCTAAAAAGGACCAACAATTAAGAACGATTCTCTTGAAATCGTTCTTAATTGTTGGTCCGG	Hs.147434	8034							0.042475	0.20806617	0.80485033								
TRAF3IP3	NM_025228_bp744_R	AGCTAAAAAGGACCAACAATTAAGAACGATTCTCTTGAAATCGTTCTTAATTGTTGGTCCGG	Hs.147434	13410							-0.011875	0.18296388	0.930018211								
TRAF4	NM_004295_bp1912_R	AGCTAAAAAGTGCCCCCTCTGGTTATTTATCTCTTGAATAAATAACCAGAGGGGGCACGG	Hs.8375	2587	-0.5042	0.18858728	0.027677766				-0.4321125	0.35695918	0.123948069								
TRAF4	NM_004295_bp1912_R	AGCTAAAAAGTGCCCCCTCTGGTTATTTATCTCTTGAATAAATAACCAGAGGGGGCACGG	Hs.8375	7963	-0.53085	0.18302498	0.022160397				-0.4436625	0.39867364	0.126890924								
TRAF4	NM_004295_bp1912_R	AGCTAAAAAGTGCCCCCTCTGGTTATTTATCTCTTGAATAAATAACCAGAGGGGGCACGG	Hs.8375	13339	-0.458175	0.13798107	0.033671905				-0.3609125	0.38538406	0.204777463								
TRAF4	NM_004295_bp296_R	AGCTAAAAAGAGCTGGAAGTACAAGTATTGTCTCTTGAACAATACTTGTACTTCCAGCTCGG	Hs.8375	2583	3.16455	0.96082011	0.000467997				4.0126625	1.70202132	0.000588732								
TRAF4	NM_004295_bp296_R	AGCTAAAAAGAGCTGGAAGTACAAGTATTGTCTCTTGAACAATACTTGTACTTCCAGCTCGG	Hs.8375	13335	3.25375	1.04982358	0.000593367				4.0367375	1.80922676	0.000774573								
TRAF4	NM_004295_bp296_R	AGCTAAAAAGAGCTGGAAGTACAAGTATTGTCTCTTGAACAATACTTGTACTTCCAGCTCGG	Hs.8375	7959	3.249375	1.04731912	0.000589905				4.1002625	1.83277714	0.000759188								
TRAF4	NM_004295_bp685_R	AGCTAAAAGGAGTTCGTCTTTGACACCATTCTCTTGAATGGTGTCAAAGACGAACTCCGG	Hs.8375	2585	-0.710775	0.21344392	0.00667084				-0.2624375	0.45241466	0.396636703								
TRAF4	NM_004295_bp685_R	AGCTAAAAGGAGTTCGTCTTTGACACCATTCTCTTGAATGGTGTCAAAGACGAACTCCGG	Hs.8375	7961	-0.797975	0.22450028	0.004204974				-0.2736125	0.39910211	0.351537222								
TRAF4	NM_004295_bp685_R	AGCTAAAAGGAGTTCGTCTTTGACACCATTCTCTTGAATGGTGTCAAAGACGAACTCCGG	Hs.8375	13337	-0.792025	0.2023641	0.003857991				-0.1618625	0.54796781	0.667680827								
TRAF5	NM_004619_bp777_R	AGCTAAAAGTCCCAACAATTGTGCGAAGATCTCTTGAATCTTCGCACAATTGTTGGGACGG	Hs.523930	2214	-0.3596125	0.11807688	0.046837313				-0.1992625	1.07141816	0.649372433								
TRAF5	NM_004619_bp777_R	AGCTAAAAGTCCCAACAATTGTGCGAAGATCTCTTGAATCTTCGCACAATTGTTGGGACGG	Hs.523930	7590	-0.3804625	0.13606307	0.041389126				-0.1617125	1.08570834	0.714240169								
TRAF5	NM_004619_bp777_R	AGCTAAAAGTCCCAACAATTGTGCGAAGATCTCTTGAATCTTCGCACAATTGTTGGGACGG	Hs.523930	12966	-0.3826375	0.14796169	0.042353076				-0.2443875	1.08656563	0.583044537								
TRAF5	NM_004619_bp875_R	AGCTAAAGCTGTGCTGTACGGATAAATCTCTTGAATTTATCCGTTACAGCACAGCCGG	Hs.523930	857	-0.2284875	0.27767371	0.007417732				-0.1425625	0.3116242	0.523617478								
TRAF5	NM_004619_bp875_R	AGCTAAAGCTGTGCTGTACGGATAAATCTCTTGAATTTATCCGTTACAGCACAGCCGG	Hs.523930	6233	-0.6926375	0.27921276	0.009190032				-0.1138375	0.30889276	0.607451783								
TRAF5	NM_004619_bp875_R	AGCTAAAAGGCTGTGCTGTACGGATAAATCTCTTGAATTTATCCGTTACAGCACAGCCGG	Hs.523930	11609	-0.7417375	0.28046788	0.007005152				-0.1092875	0.27977961	0.613153129								
TRAF6	NM_145803_bp1169_R	AGCTAAAAGTTCATAGTTTGAGCGTTATATCTCTTGAATATAACGCTCAAACTATGAACGG	Hs.591983	949	-0.775975	0.56304795	0.022855317				-0.7559183	0.16210087	0.022999652								
TRAF6	NM_145803_bp1169_R	AGCTAAAAGTTCATAGTTTGAGCGTTATATCTCTTGAATATAACGCTCAAACTATGAACGG	Hs.591983	6325	-0.8259875	0.57183594	0.023243501				-0.84345	0.11350803	0.014330235	0.04695	0.42840002	0.840569813	-0.22745	0.76652854	0.594645821		
TRAF6	NM_145803_bp1169_R	AGCTAAAAGTTCATAGTTTGAGCGTTATATCTCTTGAATATAACGCTCAAACTATGAACGG	Hs.591983	11701	-0.7977625	0.61316356	0.031621609				-0.83468333	0.12043193	0.015033802	0.099525	0.38728058	0.642736452	-0.1856	0.80223095	0.675069494		
TRAF6	NM_145803_bp1247_R	AGCTAAAAGGGCTCGCCTTGTAAGACAATCTCTTGAATTGTCTTACAAGGCGACCCTCGG	Hs.591983	1955	0.1477125	0.10258176	0.324595135				-0.2939125	0.23070292	0.186626685	0.3458	0.50638193	0.265393134	0.15845	0.36532704	0.449741905		
TRAF6	NM_145803_bp1247_R	AGCTAAAAGGGCTCGCCTTGTAAGACAATCTCTTGAATTGTCTTACAAGGCGACCCTCGG	Hs.591983	7331	0.2426375	0.17330327	0.156447555				-0.3353875	0.43212574	0.203551428	0.36255	0.46072559	0.213592482	0.257825	0.35922471	0.246661924		
TRAF6	NM_145803_bp1247_R	AGCTAAAAGGGCTCGCCTTGTAAGACAATCTCTTGAATTGTCTTACAAGGCGACCCTCGG	Hs.591983	12707	0.1987125	0.17025286	0.22903172				-0.3248375	0.45408072	0.224869106	0.3592	0.52223478	0.262652841	0.272075	0.38190453	0.249422131		
TRAF6	NM_145803_bp906_R	AGCTAAAAGTGACAACTGTGCTGCATCAATCTCTTGAATTGATGCAGCACAGTTGTCACGG	Hs.591983	1957	-0.1981625	0.7382578	0.554896205				0.7499	1.24380083	0.231849057	0.015675	0.39621685	0.94191679	0.0234	0.1656949	0.795966789		
TRAF6	NM_145803_bp906_R	AGCTAAAAGTGACAACTGTGCTGCATCAATCTCTTGAATTGATGCAGCACAGTTGTCACGG	Hs.591983	7333	-0.1535375	0.65122209	0.610780702				0.79415	1.2541953	0.212118909	-0.00365	0.3427862	0.984346723	0.084025	0.09368697	0.17074756		
TRAF6	NM_145803_bp906_R	AGCTAAAAGTGACAACTGTGCTGCATCAATCTCTTGAATTGATGCAGCACAGTTGTCACGG	Hs.591983	12709	-0.1356875	0.654482	0.653106811				0.7788	1.23969961	0.21655243	-0.023925	0.34522468	0.898542958	0.1095	0.128339	0.186471203		
TRAF7	NM_032271_bp1164_R	AGCTAAAAGCGGGACGCATCCATGTTAAATCTCTTGAATTTAACATCGATGCCCTCCGCGG	Hs.334479	2796	0.22045	0.6752367	0.387523497				-0.3787125	0.86230978	0.374047012								
TRAF7	NM_032271_bp1164_R	AGCTAAAAGCGGGACGCATCCATGTTAAATCTCTTGAATTTAACATCGATGCCCTCCGCGG	Hs.334479	8172	0.1894	0.68715379	0.445003639				-0.6473875	0.65861808	0.083646745								
TRAF7	NM_032271_bp1164_R	AGCTAAAAGCGGGACGCATCCATGTTAAATCTCTTGAATTTAACATCGATGCCCTCCGCGG	Hs.334479	13548	0.185625	0.63396188	0.424108798				-0.6490375	0.66434002	0.084334578								
TRAF7	NM_032271_bp1367_R	AGCTAAAAAGGGACACATGTACCACCTACATCTCTTGAATGTAGGTGGTACATGTGTCCCGG	Hs.334479	2800	0.342875	0.97677789	0.365337472				0.0663625	0.96678032	0.786604003								
TRAF7	NM_032271_bp1367_R	AGCTAAAAGGGACACATGTACCACCTACATCTCTTGAATGTAGGTGGTACATGTGTCCCGG	Hs.334479	8176	0.380816667	1.21795667	0.464879419				0.42045	0.91375927	0.296905127								
TRAF7	NM_032271_bp1367_R	AGCTAAAAGGGACACATGTACCACCTACATCTCTTGAATGTAGGTGGTACATGTGTCCCGG	Hs.334479	13552	0.32765	0.9620081	0.376429569				0.1827375	0.76246378	0.512096861								
TRAF7	NM_032271_bp1976_R	AGCTAAAAAGGGTCTGGAGTATGGACAACATCTCTTGAATGTTGTCCATACTCCAGACCCGG	Hs.334479	2798							-0.29945										
TRAF7	NM_032271_bp1976_R	AGCTAAAAAGGGTCTGGAGTATGGACAACATCTCTTGAATGTTGTCCATACTCCAGACCCGG	Hs.334479	8174							-0.19265										
TRAF7	NM_032271_bp1976_R	AGCTAAAAAGGGTCTGGAGTATGGACAACATCTCTTGAATGTTGTCCATACTCCAGACCCGG	Hs.334479	13550							-0.28965										
TRAP1	BX648257_bp1217_R	AGCTAAAAAGGCGTTCTCGTATATCTGAAATCTCTTGAATTTCAGATATACGAGAACGCCGG		4656	0.0374375	0.13926319	0.799926607	0.00656525	0.58418121	0.981371566											
TRAP1	BX648257_bp1217_R	AGCTAAAAGGCGTTCTCGTATATCTGAAATCTCTTGAATTTCAGATATACGAGAACGCCGG		10032	-0.1696125	0.06493982	0.254138489	-0.1001125	0.4158482	0.660646602											
TRAP1	BX648257_bp1217_R	AGCTAAAAGGCGTTCTCGTATATCTGAAATCTCTTGAATTTCAGATATACGAGAACGCCGG		15408	-0.3276375	2.26337936	0.726259077														
TRAP1	BX648257_bp1750_R	AGCTAAAAGTAGCCAAACTCCAAGATAATACTCTTGAATTAATCTTGGAGTTTGGCTACGG		4654	0.8532875	0.2806739	0.00388499	1.2217625	0.50072165	0.00525979											
TRAP1	BX648257_bp1750_R	AGCTAAAAGTAGCCAAACTCCAAGATAATACTCTTGAATTAATCTTGGAGTTTGGCTACGG		10030	0.8839625	0.29348162	0.006369627	1.2952875	0.49148569	0.003963328											
TRAP1	BX648257_bp1750_R	AGCTAAAAGTAGCCAAACTCCAAGATAATACTCTTGAATTAATCTTGGAGTTTGGCTACGG		15406	0.9221125	0.31712909	0.003510724	1.2236225	0.51047959	0.004063258											
TRAP1	BX648257_bp4237_R	AGCTAAAAGCCGGACATTATTCGGCTATGATCTCTTGAATCATAGCCGAATAATGTCCGCGG		4682	-0.2078375	0.20370215	0.228090593	-0.0193625	0.25840444	0.912534529											
TRAP1	BX648257_bp4237_R	AGCTAAAAGCCGGACATTATTCGGCTATGATCTCTTGAATCATAGCCGAATAATGTCCGCGG		10058	-0.2542375	0.26854909	0.185730314	-0.0368625	0.20561589	0.82129293											
TRAP1	BX648257_bp4237_R	AGCTAAAAGCCGGACATTATTCGGCTATGATCTCTTGAATCATAGCCGAATAATGTCCGCGG		15434	-0.1016625	0.25323358	0.558264954	-0.1073375	0.25695638	0.550152487											
TRFP	AK097385_bp1366_R	AGCTAAAAAGCACAACTGGTTTGATAGTTATCTCTTGAATAACTATCAAACCAGTTGTGCGG	Hs.278434	4084	0.3080875	0.40886101	0.191657944				0.02645	0.75955677	0.937114737								
TRFP	AK097385_bp1366_R	AGCTAAAAAGCACAACTGGTTTGATAGTTATCTCTTGAATAACTATCAAACCAGTTGTGCGG	Hs.278434	9460	0.0974875	0.76891949	0.775731726				0.211125	0.48084413	0.424759558								
TRFP	AK097385_bp1366_R	AGCTAAAAAGCACAACTGGTTTGATAGTTATCTCTTGAATAACTATCAAACCAGTTGTGCGG	Hs.278434	14836	0.3725625	0.40467701	0.125735056				0.512875	0.62359092	0.119656251								
TRFP	AK097385_bp2428_R	AGCTAAAAGGTGGTCATGTTTCCCTTCTATCTCTTGAATAGAAGGGAAACATGACCACCGG	Hs.278434	4082	-0.6077875	0.4599424	0.039515019				-0.256675	0.14352116	0.218443935								
TRFP	AK097385_bp2428_R	AGCTAAAAGGTGGTCATGTTTCCCTTCTATCTCTTGAATAGAAGGGAAACATGACCACCGG	Hs.278434	9458	-0.5631875	0.41927764	0.041856282				-0.266825	0.17268193	0.209288195								
TRFP	AK097385_bp2428_R	AGCTAAAAGGTGGTCATGTTTCCCTTCTATCTCTTGAATAGAAGGGAAACATGACCACCGG	Hs.278434	14834	-0.5641125	0.44464942	0.047228866				-0.2126	0.12858917	0.295337458								
TRIB1	NM_025195_bp1235_R	AGCTAAAAAGAACCCAGCTTAGACTAGAAATCTCTTGAATTTCTAGTCTAAGCTGGGTTCGG	Hs.444947	1933	-1.0136	0.26351474	0.001626507	-0.2257	0.35912324	0.305579688											
TRIB1	NM_025195_bp1235_R	AGCTAAAAAGAACCCAGCTTAGACTAGAAATCTCTTGAATTTCTAGTCTAAGCTGGGTTCGG	Hs.444947	7309	-1.049766667	0.20356847	0.004829652	0.052	0.37258582	0.801383046											
TRIB1	NM_025195_bp1235_R	AGCTAAAAAGAACCCAGCTTAGACTAGAAATCTCTTGAATTTCTAGTCTAAGCTGGGTTCGG	Hs.444947	12685	-0.49765	0.42609668	0.063325964	0.190175	0.34186878	0.367871981											
TRIB1	NM_025195_bp1624_R	AGCTAAAAGACTCAGAAATAGGAACTTCATCTCTTGAATGAAGTCCTATTTCTGAGTCGG	Hs.444947	705	-0.275625	0.32919408	0.189070925	1.822475	1.08516979	0.013388762											
TRIB1	NM_025195_bp1624_R	AGCTAAAAGACTCAGAAATAGGAACTTCATCTCTTGAATGAAGTCCTATTTCTGAGTCGG	Hs.444947	6081	-0.4744425	0.93368319	0.270822066	1.971525	0.97944875	0.007020694											
TRIB1	NM_025195_bp1624_R	AGCTAAAAGACTCAGAAATAGGAACTTCATCTCTTGAATGAAGTCCTATTTCTGAGTCGG	Hs.444947	11457	-0.0126	0.27311811	0.942764072	1.320875	0.71981886	0.011513909											
TRIB1	NM_025195_bp938_R	AGCTAAAAGCAAGGTGTTTCCCATTAAACTCTCTTGAAGTTTAATGGGAAACACCTTGCGG	Hs.444947	1935	0.81445	0.29185333	0.005085303	0.403125	0.12074884	0.035727682											
TRIB1	NM_025195_bp938_R	AGCTAAAAGCAAGGTGTTTCCCATTAAACTCTCTTGAAGTTTAATGGGAAACACCTTGCGG	Hs.444947	7311	0.12695	1.19946614	0.80253694	0.611075	0.16831955	0.010868635											
TRIB1	NM_025195_bp938_R	AGCTAAAAGCAAGGTGTTTCCCATTAAACTCTCTTGAAGTTTAATGGGAAACACCTTGCGG	Hs.444947	12687	1.167966667	0.52263039	0.012369022	0.747875	0.17231311	0.00511943											
TRIB2	NM_021643_bp1395_R	AGCTAAAAAGCGTTTCTTGTATCGGGAAATTCTCTTGAAATTTCCCGATACAAGAAACGCGG	Hs.467751	676	-0.4906	0.01739483	0.12864203	-0.460266667	0.25188849	0.094004027											
TRIB2	NM_021643_bp1395_R	AGCTAAAAAGCGTTTCTTGTATCGGGAAATTCTCTTGAAATTTCCCGATACAAGAAACGCGG	Hs.467751	6052	-0.31755	0.08308505	0.274381145	-0.13535	0.36830573	0.52187824											
TRIB2	NM_021643_bp1395_

TRIM38	NM_006355_bp1227_R	AGCTAAAAGGCTGTCTCCTTGGAACTTCATCTCTTGAATGAAGTTCCAAGGAGACAGCCGG	Hs.58451	13532	0.6906	0.13007313	0.004150678					0.633775	0.76114861	0.09601465									
TRIM38	NM_006355_bp1254_R	AGCTAAAAGTGCAATGTTTCCAAGCTTTATCTCTTGAATAAAGCTTGGAAACATTGCACGG	Hs.58451	2778	1.8713	0.34218121	0.000158986					-0.273325	1.224411159	0.578534129									
TRIM38	NM_006355_bp1254_R	AGCTAAAAGTGCAATGTTTCCAAGCTTTATCTCTTGAATAAAGCTTGGAAACATTGCACGG	Hs.58451	8154	1.993275	0.40762866	0.00018718					-0.22685	1.22222102	0.642873295									
TRIM38	NM_006355_bp1254_R	AGCTAAAAGTGCAATGTTTCCAAGCTTTATCTCTTGAATAAAGCTTGGAAACATTGCACGG	Hs.58451	13530	1.44785	0.2559313	0.000294698					-0.25955	1.11410247	0.568317762									
TRIM38	NM_006355_bp623_R	AGCTAAAAAGGGCTCCATTTCATATGGATATCTCTTGAATATCCATATGAAATGGAGCCCGG	Hs.58451	2782	-0.201675	0.18859101	0.23225308					-0.443275	1.08848834	0.333769443									
TRIM38	NM_006355_bp623_R	AGCTAAAAAGGGCTCCATTTCATATGGATATCTCTTGAATATCCATATGAAATGGAGCCCGG	Hs.58451	8158	-0.393425	0.29143694	0.070173788					-0.59365	1.12746235	0.220378968									
TRIM38	NM_006355_bp623_R	AGCTAAAAAGGGCTCCATTTCATATGGATATCTCTTGAATATCCATATGAAATGGAGCCCGG	Hs.58451	13534	-0.1158	0.20014207	0.476883573					-0.33795	1.04587176	0.439661282									
TRIM44	NM_017583_bp1136_R	AGCTAAAAAGCCCTTCATCTAGTGGACATCTCTCTTGAAGATGTCCACTAGATGAAGGGCCGG	Hs.591987	3406	-0.607875	0.22491996	0.011334968					0.3640375	0.46680037	0.184826724	0.198625	0.46965017	0.459768976	0.300125	0.35831981	0.192492494			
TRIM44	NM_017583_bp1136_R	AGCTAAAAAGCCCTTCATCTAGTGGACATCTCTCTTGAAGATGTCCACTAGATGAAGGGCCGG	Hs.591987	8782	-0.52305	0.22921506	0.020541437					0.1936625	0.34082505	0.404506679	0.22785	0.46468908	0.399078625	0.340625	0.35950324	0.154394497			
TRIM44	NM_017583_bp1136_R	AGCTAAAAAGCCCTTCATCTAGTGGACATCTCTCTTGAAGATGTCCACTAGATGAAGGGCCGG	Hs.591987	14158	-0.40705	0.32504724	0.031833874					0.2162875	0.57228992	0.452892721	0.28505	0.53070257	0.36143029	0.3503	0.36891989	0.153774371			
TRIM44	NM_017583_bp854_R	AGCTAAAAAGGGCTTGATTTGAGTACCTATTCTCTTGAAATAGGTACTCAAATCAAGCCCGG	Hs.591987	3404	0.234325	0.12416178	0.14996124					-0.4047875	0.47706695	0.150164378	0.310675	0.52576473	0.32429658	0.335425	0.41018754	0.250466349			
TRIM44	NM_017583_bp854_R	AGCTAAAAAGGGCTTGATTTGAGTACCTATTCTCTTGAAATAGGTACTCAAATCAAGCCCGG	Hs.591987	8780	0.2362	0.09400251	0.138851597					-0.3867125	0.39938743	0.140442073	0.4178	0.58788528	0.250330396	0.341425	0.39368234	0.181236928			
TRIM44	NM_017583_bp953_R	AGCTAAAAAGCGAAGCCTTTGAAGAATATATCTCTTGAATAATTCTTCAAAGGCTTCGTCGG	Hs.591987	14156	0.154025	0.07761263	0.298215301					-0.3452625	0.45265711	0.199924903	0.405225	0.53779225	0.22891162	0.325	0.37766724	0.183716914			
TRIM44	NM_017583_bp953_R	AGCTAAAAAGCGAAGCCTTTGAAGAATATATCTCTTGAATAATTCTTCAAAGGCTTCGTCGG	Hs.591987	3402	0.413875	0.35857161	0.080652548					1.2678125	0.60755585	0.003783479	0.39755	0.35690856	0.112231924	1.2041	0.50174205	0.017211257			
TRIM44	NM_017583_bp953_R	AGCTAAAAAGCGAAGCCTTTGAAGAATATATCTCTTGAATAATTCTTCAAAGGCTTCGTCGG	Hs.591987	8778	0.300975	0.3616698	0.174747223					0.8182625	0.63343253	0.028339629	0.4715	0.34010168	0.069411882	1.294025	0.5159583	0.015258135			
TRIM44	NM_017583_bp953_R	AGCTAAAAAGCGAAGCCTTTGAAGAATATATCTCTTGAATAATTCTTCAAAGGCTTCGTCGG	Hs.591987	14154	0.164275	0.62767605	0.576230592					1.1121125	0.36136699	0.002239507	0.4839	0.37789632	0.083140237	1.316575	0.46596739	0.010969704			
TRIM59	BX537987_bp1088_R	AGCTAAAAGAACAGAAATTGGACAAATTATCTCTTGAATAATTTGTCCAATTTCTGTTCGG	Hs.212957	4266	0.145225	0.84343913	0.696033903	0.3363	0.44110443	0.195895472	1.3109	1.61204367	0.089523209										
TRIM59	BX537987_bp1088_R	AGCTAAAAGAACAGAAATTGGACAAATTATCTCTTGAATAATTTGTCCAATTTCTGTTCGG	Hs.212957	9642	0.8163	0.20470029	0.011814761	0.338233333	0.35927085	0.226023812	0.853766667	1.07604849	0.115897822										
TRIM59	BX537987_bp1088_R	AGCTAAAAGAACAGAAATTGGACAAATTATCTCTTGAATAATTTGTCCAATTTCTGTTCGG	Hs.212957	15018	-0.0167	1.08701794	0.971173615	0.035	0.79571781	0.924561457	1.519466667	1.76385759	0.074069888										
TRIM59	BX537987_bp381_R	AGCTAAAAGTGCCCTAATTGCAGAAGTATTCTCTTGAAATACTTCTGCAATAGGGCACGG	Hs.212957	15014	0.033433333	0.49138639	0.904102665	-0.1538	0.60571046	0.607677711	-0.7535	0.29896475	0.081741309										
TRIM59	BX537987_bp381_R	AGCTAAAAGTGCCCTAATTGCAGAAGTATTCTCTTGAAATACTTCTGCAATTAGGGCACGG	Hs.212957	4262	-0.224	0.78994881	0.529363764	0.8388	0.82887057	0.173725869	-1.11385	0.54426009	0.036727813										
TRIM59	BX537987_bp381_R	AGCTAAAAGTGCCCTAATTGCAGAAGTATTCTCTTGAAATACTTCTGCAATTAGGGCACGG	Hs.212957	9638	-0.0689	0.73066512	0.849824443	0.9867															
TRIM59	BX537987_bp686_R	AGCTAAAAGGACAGATCTTACCCATCTTATCTCTTGAATAAGATGGGTAAGATCTGTCCGG	Hs.212957	4264	2.1634	1.87491649	0.032221088	1.176225	0.86975401	0.030518807	0.2737												
TRIM59	BX537987_bp686_R	AGCTAAAAGGACAGATCTTACCCATCTTATCTCTTGAATAAGATGGGTAAGATCTGTCCGG	Hs.212957	9640	2.313625	1.89615771	0.026513117	1.091975	0.85664243	0.033737884	1.224												
TRIM59	BX537987_bp686_R	AGCTAAAAGGACAGATCTTACCCATCTTATCTCTTGAATAAGATGGGTAAGATCTGTCCGG	Hs.212957	15016	2.154375	1.82414857	0.029835277	1.1474	0.90216376	0.036708972	-0.4548												
TRIO	NM_007118_bp8101_R	AGCTAAAAGGGGAGACCGGTTGTTCTTAGATCTCTTGAATCTAAGAACACGGTCTCCCCGG	Hs.130031	560	7.19145																		
TRIO	NM_007118_bp8101_R	AGCTAAAAGGGGAGACCGGTTGTTCTTAGATCTCTTGAATCTAAGAACACGGTCTCCCCGG	Hs.130031	5936	2.682025	4.18022398	0.158857895	2.055533333	1.64833319	0.057904844													
TRIO	NM_007118_bp8101_R	AGCTAAAAGGGGAGACCGGTTGTTCTTAGATCTCTTGAATCTAAGAACACGGTCTCCCCGG	Hs.130031	11312	2.41375	3.77395634	0.160173346	2.0999	1.39176604	0.03560642													
TRIO	NM_007118_bp8418_R	AGCTAAAAGGCAGATTCTCTGTCGTTAATCTCTTGAATTAACGACAGAGAATCTGCCCGG	Hs.130031	561	0.008675	0.16130299	0.954156059	1.6767															
TRIO	NM_007118_bp8418_R	AGCTAAAAGGCAGATTCTCTGTCGTTAATCTCTTGAATTAACGACAGAGAATCTGCCCGG	Hs.130031	5937	-0.695975	0.55131927	0.038256738	-0.597566667	0.9377846	0.257959928													
TRIO	NM_007118_bp8418_R	AGCTAAAAGGCAGATTCTCTGTCGTTAATCTCTTGAATTAACGACAGAGAATCTGCCCGG	Hs.130031	11313	-0.014875	0.78740079	0.965869371	0.123366667	0.41023572	0.646206407													
TRIO	NM_007118_bp8472_R	AGCTAAAAGGCCACTAAGTTTGTGAACAATCTCTTGAATTGTTCACAAACTTAGTGGCCGG	Hs.130031	562	0.4771	0.66553847	0.158340454																
TRIO	NM_007118_bp8472_R	AGCTAAAAGGCCACTAAGTTTGTGAACAATCTCTTGAATTGTTCACAAACTTAGTGGCCGG	Hs.130031	5938	0.6359	0.48067426	0.037490137	0.71115	0.24670956	0.093561181													
TRIO	NM_007118_bp8472_R	AGCTAAAAGGCCACTAAGTTTGTGAACAATCTCTTGAATTGTTCACAAACTTAGTGGCCGG	Hs.130031	11314	0.303133333	0.58851837	0.35784378	-0.154033333	1.44437436	0.826620507													
TSC	BQ935360_bp169_R	AGCTAAAAGACCGGCTTCTCATCGGATCATCTCTTGAATGAACCGATGAGAAGCCGGTCGG	Hs.525709	5003	-1.1377625	1.23586857	0.069798234	0.0928625	0.26200366	0.605995801													
TSC	BQ935360_bp169_R	AGCTAAAAGACCGGCTTCTCATCGGATCATCTCTTGAATGATCCGATGAGAAGCCGGTCGG	Hs.525709	10379	0.1667375	0.56303141	0.539270939	0.1738875	0.2090689	0.317469436													
TSC	BQ935360_bp169_R	AGCTAAAAGACCGGCTTCTCATCGGATCATCTCTTGAATGATCCGATGAGAAGCCGGTCGG	Hs.525709	15755	-0.5919375	1.85752489	0.454074724	0.2098625	0.73213896	0.550660976													
TSC	BQ935360_bp835_R	AGCTAAAAACCACGTGTGTCCCCTTACAATCTCTTGAATTGTTAAGGGGACACACGTGGTGG	Hs.525709	5005	-1.4706125	1.54681089	0.061219992	-1.0542625	0.76078095	0.020845057													
TSC	BQ935360_bp835_R	AGCTAAAAACCACGTGTGTCCCCTTACAATCTCTTGAATTGTTAAGGGGACACACGTGGTGG	Hs.525709	10381	-0.8363125	0.40403048	0.009081026	-0.9732875	0.69182711	0.029852442													
TSC	BQ935360_bp835_R	AGCTAAAAACCACGTGTGTCCCCTTACAATCTCTTGAATTGTTAAGGGGACACACGTGGTGG	Hs.525709	15757	-1.5908875	1.16168635	0.019086414	-1.0188625	0.64347406	0.020956181													
TSC	BQ935360_bp840_R	AGCTAAAAGTGTGTCCCCTTACAACACTTCTCTTGAAAGTGTTTGTAAGGGGACACACGG	Hs.525709	5001	-0.6587125	0.82273861	0.113020232	0.1339875	0.14605265	0.393759585													
TSC	BQ935360_bp840_R	AGCTAAAAGTGTGTCCCCTTACAACACTTCTCTTGAAAGTGTTTGTAAGGGGACACACGG	Hs.525709	10377	-0.2686375	0.22138676	0.143616021	0.1051625	0.25453649	0.556513636													
TSC	BQ935360_bp840_R	AGCTAAAAGTGTGTCCCCTTACAACACTTCTCTTGAAAGTGTTTGTAAGGGGACACACGG	Hs.525709	15753	-0.6645875	1.19639515	0.224915396	0.1888875	0.12328117	0.236960623													
TSPAN6	NM_003270_bp588_R	AGCTAAAAGGACAGATACTAATTATTACTCTCTTGAAAGTAATAATTGATATCTGTCCGG	Hs.43233	2730	-0.9385	0.27349992	0.002441862				-0.269825	0.60531572	0.3695688										
TSPAN6	NM_003270_bp588_R	AGCTAAAAGGACAGATACTAATTATTACTCTCTTGAAAGTAATAATTGATATCTGTCCGG	Hs.43233	8106	-0.6776	0.90814506	0.129771047				-0.1218	0.65482432	0.690898103										
TSPAN6	NM_003270_bp588_R	AGCTAAAAGGACAGATACTAATTATTACTCTCTTGAAAGTAATAATTGATATCTGTCCGG	Hs.43233	13482	-0.685	0.36920689	0.016197042				-0.097375	0.63881909	0.746301095										
TSPAN6	NM_003270_bp633_R	AGCTAAAAGCTGTAACTTGAGATTGTATCTCTTGAATACAATCTTCAAGACATCTGCGG	Hs.43233	2728	-0.07205	0.2106764	0.657155372				0.1031	0.67455372	0.641379255										
TSPAN6	NM_003270_bp633_R	AGCTAAAAGCTGTAAACTTGAAGATTGTATCTCTTGAATCAATCTTCAAGTTTACAGCGG	Hs.43233	8104	-0.075125	0.22463669	0.649958526				0.085375	0.32864998	0.703441007										
TSPAN6	NM_003270_bp633_R	AGCTAAAAGCTGTAAACTTGAAGATTGTATCTCTTGAATCAATCTTCAAGTTTACAGCGG	Hs.43233	13480	-0.1116	0.22043874	0.503384445				0.076475	0.3459335	0.736689231										
TSPAN6	NM_003270_bp798_R	AGCTAAAAAGCCTCTCTCGTGCCATAACAATCTCTTGAATTGTTATGGCACGAGAGAGGCCGG	Hs.43233	2726	0.859825	0.4067444	0.008249228				0.345366667	0.43224052	0.265460248										
TSPAN6	NM_003270_bp798_R	AGCTAAAAGCCTCTCTCGTGCCATAACAATCTCTTGAATTGTTATGGCACGAGAGAGGCCGG	Hs.43233	8102	1.141125	0.71027887	0.013095341				0.4544	0.49165306	0.175488312										
TSPAN6	NM_003270_bp798_R	AGCTAAAAGCCTCTCTCGTGCCATAACAATCTCTTGAATTGTTATGGCACGAGAGAGGCCGG	Hs.43233	13478	0.75025	0.30718814	0.007863846				0.4296	0.31563194	0.151329471										
TTBK1	NM_166453_bp1752_R	AGCTAAAAAGGAGGAGGATTTGACAGCAATCTCTTGAATTGCTGTCGAAATCCTCCTCCGG		7408				0.5978															
TTBK1	NM_166453_bp1752_R	AGCTAAAAAGGAGGAGGATTTGACAGCAATCTCTTGAATTGCTGTCGAAATCCTCCTCCGG		12784				0.3162															
TTBK1	NM_166453_bp411_R	AGCTAAAAGGACCATGTGTGCAGGTTCATTCTCTTGAAATGAACCTGCACACATGGTCCGG		849	1.56025	0.5436944	0.016777247	-0.056533333	0.67311329	0.876729514													
TTBK1	NM_166453_bp411_R	AGCTAAAAGGACCATGTGTGCAGGTTCATTCTCTTGAAATGAACCTGCACACATGGTCCGG		6225	4.136566667	1.90466184	0.006395847	-0.23595	1.07883282	0.697725611													
TTBK1	NM_166453_bp411_R	AGCTAAAAGGACCATGTGTGCAGGTTCATTCTCTTGAAATGAACCTGCACACATGGTCCGG		11601	1.247066667	0.50442368	0.009148319	-0.13745	0.91676394	0.79571864													
TTBK1	NM_166453_bp62_R	AGCTAAAGGAGATGTCTAGATGCAAGATCTCTTGAATCTTGCATCTAGACATCCTGCGG		850	0.22435	0.91036978	0.559369688	0.31805	0.27439686	0.128286101													
TTBK1	NM_166453_bp62_R	AGCTAAAGGAGATGTCTAGATGCAAGATCTCTTGAATCTTGCATCTAGACATCCTGCGG		6226	0.30465	0.91979012	0.45726799	0.46525	0.28520708	0.049044138													
TTBK1	NM_166453_bp62_R	AGCTAAAGGAGATGTCTAGATGCAAGATCTCTTGAATCTTGCATCTAGACATCCTGCGG		11602	0.41365	1.02919823	0.368160009	0.472275	0.3566312	0.065184305													
TTBK2	NM_173500_bp1786_R	AGCTAAAAAGCTGGAGTCTTCCCCTGAAAGATCTCTTGAATCTTTCAGGGAAGACTCCAGCGG	Hs.511837	744	-0.898533333	0.34528597	0.014535907	-0.250725	0.94839244	0.568785935													
TTBK2	NM_173500_bp1786_R	AGCTAAAAAGCTGGAGTCTTCCCCTGAAAGATCTCTTGAATCTTTCAGGGAAGACTCCAGCGG	Hs.511837	6120	-0.3361	0.25936677	0.283873238	-0.01255	0.8614756	0.974715179													
TTBK2	NM_173500_bp1786_R	AGCTAAAAAGCTGGAGTCTTCCCCTGAAAGATCTCTTGAATCTTTCAGGGAAGACTCCAGCGG	Hs.511837	11496	-0.30405	0.159594	0.301818979	0.203225	0.65052427	0.525215343													
TTBK2	NM_173500_bp792_R	AGCTAAAAAGTCGCTTTCCTAGTACATGTATCCTCTTGAATACATGTACTAGGAAAGCGACGG	Hs.511837	757	-0.739925	0.25123561	0.005930936	0.0781	0.2429374	0.653771121													
TTBK2	NM_173500_bp792_R	AGCTAAAAGTCGCTTTCCTAGTACATGTATCCTCTTGAATACATGTACTAGGAAAGCGACGG	Hs.511837	6133	-0.551725	0.58498748	0.087616426	0.210475	0.20752835	0.237046554													
TTBK2	NM_173500_bp792_R	AGCTAAAAGTCGCTTTCCTAGTACATGTATCCTCTTGAATACATGTACTAGGAAAGCGACGG	Hs.511837	11509	-0.5003	0.50422256	0.085323159	0.2166	0.23947999	0.257099045													
TTK	NM_003318_bp1684_R	AGCTAAAAAGCAAGGTATTTCAGGTGTTAATCTCTTGAATTAACACCTGAAATACCTTGCGG	Hs.169840	339	-0.11265	0.35129394	0.574201913	-0.1661375	0.17504968	0.316561139													
TTK	NM_003318_bp1684_R	AGCTAAAAAGCAAGGTATTTCAGGTGTTAATCTCTTGAATTAACACCTGAAATACCTTGCGG	Hs.169840	5715	-0.08805	0.34804755	0.6569222	-0.1662625	0.12364636	0.289571782													
TTK	NM_003318_bp1684_R	AGCTAAAAAGCAAGGTATTTCAGGTGTTAATCTCTTGAATTAACACCTGAAATACCTTGCGG	Hs.169840	11091	-0.03315	0.40641851	0.876973685	-0.1578375	0.1173803	0.308876895													
TTK	NM_003318_bp2432_R	AGCTAAAAAGGCTCATCCCTATGTTCAAATTCTCTTGAAATTTGAACATAGGGATGAGCCGG	Hs.169840	1588	-0.006725	0.47880233	0.97739294	-0.6815875	0.3305881	0.017756036										-0.039			
TTK	NM_003318_bp2432_R	AGCTAAAAAGGCTCATCCCTATGTTCAAATTCTCTTGAAATTTGAACATAGGGATGAGCCGG	Hs.169840	6964	0.0368	0.46502267	0.874532698	-0.7089625	0.37012739	0.019236535													
TTK	NM_003318_bp2432_R	AGCTAAAAAGGCTCATCCCTATGTTCAAATTCTCTTGAAATTTGAACATAGGGATGAGCCGG	Hs.169840	12340	0.06395	0.45113106	0.780182466	-0.6788375	0.3647499	0.021718581													
TTK	NM_003318_bp96_R	AGCTAAAAAGCACAGAAATTGACAATTGATTCTCTTGAAATCAATTGTCAACTTCTGCCGG	Hs.169840	1590	0.742433333	2.2320252	0.466820329	4.1758	4.16005062	0.130330845										-2.0439			
TTK	NM_003318_bp96_R	AGCTAAAAAGCACAGAAATTGACAATTGATTCTCTTGAAATCAATTGTCAACTTCTGCCGG	Hs.169840	6966	0.805666667	2.40659538	0.463201025	3.8514	3.75445417	0.125679516													
TTK	NM_003318_bp96_R	AGCTAAAAAGCACAGAAATTGACAATTGATTCTCTTGAAATCAATTGTCAACTTCTGCCGG	Hs.169840	12342	0.712033333	2.38366616	0.509788191	5.880666667	3.61740125	0.026290312													
TTN	NM_133378_bp10629_R	AGCTAAAAAGGCGCCGAACTTCAATTATCTATCTCTTGAATAGATAATTGAAGTTCGGCGCGG	Hs.134602	6000	-0.3192	0.3379535	0.142868747	-0.13135	0.542034	0.633340665													
TTN	NM_133378_bp10629_R	AGCTAAAAAGGCGCCGAACTTCAATTATCTATCTCTTGAATAGATAATTGAAGTTCGGCGCGG	Hs.134602	11376	-0.067775	0.25176975	0.692769039	-0.029775	0.40915105	0.893931935													
TTN	NM_133378_bp10629_R	AGCTAAAAAGGCGCCGAACTTCAATTATCTATCTCTTGAATAGATAATTGAAGTTCGGCGCGG	Hs.134602	624	-0.55745	0.2148213	0.015029444	-0.395															
TTN	NM_133378_bp37314_R	AGCTAAAAAGGCCCTCACCTACTTGTGAAATCTCTTGAATTTACAAGTAGGTGAGGGCCGG	Hs.134602	637	0.0207	0.45381094	0.928024337	-0.35875	0.18759459	0.068062891													
TTN	NM_133378_bp37314_R	AGCTAAAAAGGCCCTCACCTACTTGTGAAATCTCTTGAATTTACAAGTAGGTGAGGGCCGG	Hs.134602	6013	0.157225	0.46199412	0.507692797	-0.165625	0.18027746	0.320928115													
TTN	NM_133378_bp37314_R	AGCTAAAAAGGCCCTCACCTACTTGTGAAATCTCTTGAATTTACAAGTAGGTGAGGGCCGG	Hs.134602	11389	0.0976	0.44384489	0.668685594	-0.010275	0.21759196	0.950525525													
TTN	NM_133378_bp959_R	AGCTAAAAAGGGCAACAGCTGCCACATAAATCTCTTGAATTTATGTGGCAGCTGTTGCCCGG	Hs.134602	2113	0.150266667	6.57918354	0.958055767	1.023166667	2.57947968	0.426420161													
TTN	NM_133378_bp959_R	AGCTAAAAAGGGCAACAGCTGCCACATAAATCTCTTGAATTTATGTGGCAGCTGTTGCCCGG	Hs.134602	7489	0.284666667	6.69846024	0.922210151	1.0484	2.66029281	0.42885906													
TTN	NM_133378_bp959_R	AGCTAAAAAGGGCAACAGCTGCCACATAAATCTCTTGAATTTATGTGGCAGCTGTTGCCCGG	Hs.134602	12865	0.131933333	6.28998635	0.961483045	0.706125	2.24952253	0.484469771													
TWIST1	NM_000474_bp1162_R	AGCTAAAAAGGGATCAAACTGGCCTGCAAATCTCTTGAATTTCGCAGGCCAGTTTGATCCCCGG	Hs.66744	1016	-0.5048375	0.57018579	0.150865867				0.7843875	0.9556568	0.084317169										
TWIST1	NM_000474_bp1162_R	AGCTAAAAAGGGATCAAACTGGCCTGCAAATCTCTTGAATTTCGCAGGCCAGTTTGATCCCCGG	Hs.66744	6392	-0.4911125	0.68868133	0.157842808				0.8020875	0.79246081	0.051217598										
TWIST1	NM_000474_bp1162_R	AGCTAAAAAGGGATCAAACTGGCCTGCAAATCTCTTGAATTTCGCAGGCCAGTTTGATCCCCGG	Hs.66744	11768	-0.4903875	0.47642582	0.081078713				0.7050625	1.00299864	0.124107737										
TWIST1	NM_000474_bp1307_R	AGCTAAAAGGTGTCTAAATGCATTCATATTCTCTTGAAATATGAATGCATTTAGACACCGG	Hs.66744	1015	0.7034625	0.59873385	0.045138786				0.4665125	0.56620375	0.131905516										
TWIST1	NM_000474_bp1307_R	AGCTAAAAGGTGTCTAAATGCATTCATATTCTCTTGAAATATGAATGCATTTAGACACCGG	Hs.66744	6391	0.5462125	0.52534982	0.072437695				0.6264375	0.65049949	0.074009492										
TWIST1	NM_000474_bp1307_R	AGCTAAAAGGTGTCTAAATGCATTCATATTCTCTTGAAATATGAATGCATTTAGACACCGG	Hs.66744	11767	0.6586625	0.57579905	0.050617233				0.4332125	0.55116349	0.151615088										
TWIST1	NM_000474_bp726_R	AGCTAAAAAGCCTAGATGTCATTGTTTCCTCTCTTGAAGGAAACAATGACATCTAGGTCGG	Hs.66744	1017	-0.4634625	0.60990036	0.145302164				-0.1856625	1.53833751	0.756877068										
TWIST1	NM_000474_bp726_R	AGCTAAAAAGCCTAGATGTCATTGTTTCCTCTCTTGAAGGAAACAATGACATCTAGGTCGG	Hs.66744	6393	-0.6405625	0.33988205	0.017681297				-0.2094875	1.47489198	0.715262477										
TWIST1	NM_000474_bp726_R	AGCTAAAAAGCCTAGATGTCATTGTTTCCTCTCTTGAAGGAAACAATGACATCTAGGTCGG	Hs.66744	11769	-0.3818625	0.56702201	0.193696394				-0.2241125	1.57550891	0.713043047										
TXK	NM_003328_bp1556_R	AGCTAAAAGCACCAATGTCCATATATGATCTCTTGAATCATATATGGACATTGGTGCCGG	Hs.479669	340	2.41	0.9033646	0.001298324	0.4929875	0.3122791	0.046850748					-0.34665	0.08439706	0.003775657	-0.13453333	0.08912779	0.120435239			
TXK	NM_003328_bp1556_R	AGCTAAAAGCACCAATGTCCATATATGATCTCTTGAATCATATATGGACATTGGTGCCGG	Hs.479669	5716	2.527875	0.99690369	0.001555824	0.5769125	0.29288101	0.02568232					-0.15265	0.11307456	0.073786766	-0.00075	0.12731516	0.991339415			
TXK	NM_003328_bp1556_R	AGCTAAAAGCACCAATGTCCATATATGATCTCTTGAATCATATATGGACATTGGTGCCGG	Hs.479669	11092	2.56395	0.89966301	0.000961676	0.5088875	0.25697823	0.032284288					-0.10695	0.19533108	0.353530494	-0.0203	0.19259957	0.84654987			
TXK	NM_003328_bp233_R	AGCTAAAAGCTCAGCCAATTGTCAAATATTCTCTTGAATTATTTGACAATTGGCTGAGCCGG	Hs.479669	1592	0.4168			-0.2899125	0.58690493	0.340625966					-0.296	0.21006781	0.066841196	-0.1895	0.17153816	0.114163255			
TXK	NM_003328_bp233_R	AGCTAAAAGCTCAGCCAATTGTCAAATATTCTCTTGAATTATTTGACAATTGGCTGAGCCGG	Hs.479669	6968	0.5918			-0.1863625	0.63106546	0.549383795					-0.33935	0.27825621	0.092572981	-0.21335	0.12899118	0.045460899			
TXK	NM_003328_bp233_R	AGCTAAAAGCTCAGCCAATTGTCAAATATTCTCTTGAATTATTTGACAATTGGCTGAGCCGG	Hs.479669	12344	0.5114			-0.1911625	0.61085038	0.529508265					-0.384375	0.26277916	0.061197404	-0.2288	0.28251873	0.203732876			
TXLNA	NM_175852_bp1021_R	AGCTAAAAAGCGAGGAGCATATCGACAAAGTCTCTTGAACTTTGTCGATATGCTCCTCGCGG	Hs.17987	2890	-0.855675	0.39879812	0.00802283				1.1056	0.87498405	0.020564413										
TXLNA	NM_175852_bp1021_R	AGCTAAAAAGCGAGGAGCATATCGACAAAGTCTCTTGAACTTTGTCGATATGCTCCTCGCGG	Hs.17987	8266	-0.0424	0.30424576	0.817983244				0.525	0.98535767	0.226103711										
TXLNA	NM_175852_bp1021_R	AGCTAAAAAGCGAGGAGCATATCGACAAAGTCTCTTGAACTTTGTCGATATGCTCCTCGCGG	Hs.17987	13642	-0.6981	0.28175874	0.009039283				0.0503	0.83693744	0.888647681										
TXLNA	NM_175852_bp575_R	AGCTAAAAAGGAGATCACGTTGCTGATGCATCTCTTGAATGCATCAGCAACGTGATTCTCGGG	Hs.17987	2892	1.496225	0.26965116	0.000277088				-0.33465	0.46707671	0.217888038										
TXLNA	NM_175852_bp575_R	AGCTAAAAAGGAGATCACGTTGCTGATGCATCTCTTGAATGCATCAGCAACGTGATTCTCGGG	Hs.17987	8268	1.6166	0.24537832	0.000161697				-0.40815	0.72062433	0.236018325										
TXLNA	NM_

TZFP	NM_014383_bp429_R	AGCTAAAAGCTCCTGAACTTTGTGTATGGTCTCTTGAACCATACACAAAGTTCAGGAGCGG	Hs.99430	10473	-0.2493375	0.08884964	0.121266022	0.0882625	0.21844055	0.600561506											
TZFP	NM_014383_bp429_R	AGCTAAAAGCTCCTGAACTTTGTGTATGGTCTCTTGAACCATACACAAAGTTCAGGAGCGG	Hs.99430	15849	-0.0720625	0.04477066	0.604460148	0.7121875	1.08503826	0.189801616											
TZFP	NM_014383_bp571_R	AGCTAAAAGATCCAGGCCTGAAGAAACATTTCTTTGAAATGTTTCTTCAGGCCTGGATCGG	Hs.99430	5095	-0.5878875	0.28183126	0.017641158	-0.0249875	0.30698889	0.895538329											
TZFP	NM_014383_bp571_R	AGCTAAAAGATCCAGGCCTGAAGAAACATTTCTTTGAAATGTTTCTTCAGGCCTGGATCGG	Hs.99430	10471	-0.4786875	0.2240748	0.027510625	-0.0789625	0.39659631	0.720300357											
TZFP	NM_014383_bp571_R	AGCTAAAAGATCCAGGCCTGAAGAAACATTTCTTTGAAATGTTTCTTCAGGCCTGGATCGG	Hs.99430	15847	-0.4580875	0.29752094	0.045475366	0.0561125	0.52376156	0.832101029											
UBA2	AK124730_bp1136_R	AGCTAAAAGACCAGCAGGTTCTAGATGTATCTCTTGAATACATCTAGAACCTGCTGGTCGG	Hs.511739	4634	-0.7833875	0.32818306	0.007490808	-0.7491625	0.34644429	0.013847526											
UBA2	AK124730_bp1136_R	AGCTAAAAGACCAGCAGGTTCTAGATGTATCTCTTGAATACATCTAGAACCTGCTGGTCGG	Hs.511739	10010	-0.8531875	0.32175514	0.005043573	-0.7554875	0.31729554	0.011344178											
UBA2	AK124730_bp1136_R	AGCTAAAAGACCAGCAGGTTCTAGATGTATCTCTTGAATACATCTAGAACCTGCTGGTCGG	Hs.511739	15386	-0.7283375	0.34547093	0.011143825	-0.6631125	0.25693132	0.012926975											
UBA2	AK124730_bp2611_R	AGCTAAAAGATGGCACTATGTATATTAATCTCTTGAAATTAATATACATAGTGCCATCGG	Hs.511739	4764	0.6506625	0.37280014	0.020016341	-0.1474125	0.58020461	0.61077082											
UBA2	AK124730_bp2611_R	AGCTAAAAGATGGCACTATGTATATTAATCTCTTGAAATTAATATACATAGTGCCATCGG	Hs.511739	10140	0.6308125	0.44570582	0.023614622	-0.0429125	0.49026149	0.864851699											
UBA2	AK124730_bp2611_R	AGCTAAAAGATGGCACTATGTATATTAATCTCTTGAAATTAATATACATAGTGCCATCGG	Hs.511739	15516	0.6694375	0.35922941	0.016701019	-0.1568875	0.34451511	0.452520615											
UBA2	AK124730_bp2672_R	AGCTAAAAGCCTGGTATGTCTGTGTAAGATCTCTTGAATCTTACACAGACATACCAGGCGG	Hs.511739	4762	3.0174375	0.39785295	2.32E-05	0.6352625	0.78204968	0.130919561											
UBA2	AK124730_bp2672_R	AGCTAAAAGCCTGGTATGTCTGTGTAAGATCTCTTGAATCTTACACAGACATACCAGGCGG	Hs.511739	10138	2.8515625	0.34814697	2.13E-05	0.3864875	0.64949205	0.252974339											
UBA2	AK124730_bp2672_R	AGCTAAAAGCCTGGTATGTCTGTGTAAGATCTCTTGAATCTTACACAGACATACCAGGCGG	Hs.511739	15514	3.0582625	0.33464913	1.36E-05	0.4491125	0.76914133	0.249184947											
UBE1	BC009900_bp1671_R	AGCTAAAAGGTGGAGAAATCATCGTTACATCTCTTGAATGTAACGATGATTTCTCCACCGG	Hs.533273	4279	2.888033333	1.67806409	0.014689888	2.484325	0.63403163	0.000589409	2.889833333	2.60165223	0.03000826								
UBE1	BC009900_bp1671_R	AGCTAAAAGGTGGAGAAATCATCGTTACATCTCTTGAATGTAACGATGATTTCTCCACCGG	Hs.533273	9655	4.585375	3.41902232	0.018109101	2.46075	0.67132699	0.000747942	3.425166667	3.03150379	0.027554433								
UBE1	BC009900_bp1671_R	AGCTAAAAGGTGGAGAAATCATCGTTACATCTCTTGAATGTAACGATGATTTCTCCACCGG	Hs.533273	15031	3.621125	1.9350835	0.004979314	2.676575	0.70689436	0.000626841	3.048666667	2.56791074	0.023780721								
UBE1	BC009900_bp2592_R	AGCTAAAAGGCGTCAAGATCCATGTTTTCTTCTCTTGAAAGAAACATGGATCTTGAGCCCGG	Hs.533273	4281	0.090225	1.37478844	0.875453934	0.798975	0.5815655	0.036055743	-0.94293333	1.39809536	0.148912364								
UBE1	BC009900_bp2592_R	AGCTAAAAGGCGTCAAGATCCATGTTTTCTTCTCTTGAAAGAAACATGGATCTTGAGCCCGG	Hs.533273	9657	0.450325	1.13218065	0.360962454	0.93835	1.03998617	0.094341383	-0.8106	1.23950704	0.166948117								
UBE1	BC009900_bp2592_R	AGCTAAAAGGCGTCAAGATCCATGTTTTCTTCTCTTGAAAGAAACATGGATCTTGAGCCCGG	Hs.533273	15033	0.3001	0.86760582	0.441841559	0.6617	0.28782774	0.015514474	-0.73436667	1.57193335	0.283509369								
UBE1	BC009900_bp2746_R	AGCTAAAAGCAACTTTCATATGGATTTCATCTCTTGAATGAAATCCATATGAAAGTTGCGG	Hs.533273	4283	0.27535	0.78821693	0.443388734	0.01665	0.32479141	0.932172677	0.621466667	0.86960975	0.169418637								
UBE1	BC009900_bp2746_R	AGCTAAAAGCAACTTTCATATGGATTTCATCTCTTGAATGAAATCCATATGAAAGTTGCGG	Hs.533273	9659	-0.4961	1.01854703	0.284892726	-0.14375	0.37175319	0.506343834	-0.1965	0.42713796	0.506458526								
UBE1	BC009900_bp2746_R	AGCTAAAAGCAACTTTCATATGGATTTCATCTCTTGAATGAAATCCATATGAAAGTTGCGG	Hs.533273	15035	0.030025	0.3508532	0.878983257	0.12875	0.2870913	0.497786861	-0.24506667	0.46281426	0.424757407								
UBE2A	BC042021_bp1965_R	AGCTAAAAGAAGGAGGCATGGGAGCTAAATCTCTTGAATTTAGCTCCCATGCCTCCTTCGG	Hs.379466	4328	0.37485	0.29617176	0.081976024	-0.502275	0.34117862	0.055815014	-0.3656	0.39808958	0.231726558								
UBE2A	BC042021_bp1965_R	AGCTAAAAGAAGGAGGCATGGGAGCTAAATCTCTTGAATTTAGCTCCCATGCCTCCTTCGG	Hs.379466	9704	0.3282	0.32209369	0.126923017	-0.514025	0.36416038	0.052816206	-0.0491	0.46173559	0.868639115								
UBE2A	BC042021_bp1965_R	AGCTAAAAGAAGGAGGCATGGGAGCTAAATCTCTTGAATTTAGCTCCCATGCCTCCTTCGG	Hs.379466	15080	0.0024	0.53869314	0.992567418	-0.63175	0.61564725	0.081606808	-0.10493333	0.37190351	0.707538625								
UBE2A	BC042021_bp286_R	AGCTAAAAGGACATAATCTCTTCATATCATCTCTTGAATGATATGAAGAGATTATGTCCGG	Hs.379466	4330	0.442375	0.16586109	0.027844216	0.2073	0.83592037	0.597152284	1.0604	0.83043008	0.036680047								
UBE2A	BC042021_bp286_R	AGCTAAAAGGACATAATCTCTTCATATCATCTCTTGAATGATATGAAGAGATTATGTCCGG	Hs.379466	9706	0.619	0.35323308	0.048157054	0.92335	0.64717724	0.029669364	0.974433333	1.23437165	0.108538319								
UBE2A	BC042021_bp286_R	AGCTAAAAGGACATAATCTCTTCATATCATCTCTTGAATGATATGAAGAGATTATGTCCGG	Hs.379466	15082	0.5993	0.45568082	0.040562919	0.2534	0.33813846	0.455113536	1.7302	1.12698679	0.025213836								
UBE2A	BC042021_bp576_R	AGCTAAAAGAGCCATACTTAAGGGTTTCTTCTCTTGAAAGAAACCCTTAAGTATGGCTCGG	Hs.379466	4326	0.342675	0.20470755	0.073187419	-0.942175	0.76908722	0.043945058	0.792033333	1.01027593	0.124252547								
UBE2A	BC042021_bp576_R	AGCTAAAAGAGCCATACTTAAGGGTTTCTTCTCTTGAAAGAAACCCTTAAGTATGGCTCGG	Hs.379466	9702	0.4567	0.25086015	0.036759552	-0.463075	0.47844098	0.111244306	0.877	1.31585521	0.156436259								
UBE2A	BC042021_bp576_R	AGCTAAAAGAGCCATACTTAAGGGTTTCTTCTCTTGAAAGAAACCCTTAAGTATGGCTCGG	Hs.379466	15078	0.8043	0.37717076	0.064298997	-0.82365	0.58188945	0.032745862	0.866566667	1.49993062	0.199925256								
UBE2C	BC032677_bp1329_R	AGCTAAAAGCAAGAAACCTACTCAAAGCATCTCTTGAATCTTTGAGTAGGTTTCTTGCGG	Hs.93002	4567	-0.3788	0.59649037	0.211259198	-0.54415	0.36717927	0.045143445	-0.49746667	0.2761867	0.100732832								
UBE2C	BC032677_bp1329_R	AGCTAAAAGCAAGAAACCTACTCAAAGCATCTCTTGAATCGTTTGAGTAGGTTTCTTGCGG	Hs.93002	9943	-0.254	0.38091965	0.251457353	-0.581675	0.31193473	0.027632041	-0.25286667	0.10941647	0.322700077								
UBE2C	BC032677_bp1329_R	AGCTAAAAGCAAGAAACCTACTCAAAGCATCTCTTGAATCGTTTGAGTAGGTTTCTTGCGG	Hs.93002	15319	-0.3112	0.45468838	0.213073433	-0.5783	0.30853424	0.027672518	-0.19876667	0.27647794	0.459620692								
UBE2C	BC032677_bp1511_R	AGCTAAAAGGTTGAGCCCTTGTATATTAATCTCTTGAATTAATATACAAGGGCTCAACCGG	Hs.93002	4565	0.064775	0.76796278	0.849346788	1.291575	0.07534925	0.000343619	0.672	1.06498675	0.192544269								
UBE2C	BC032677_bp1511_R	AGCTAAAAGGTTGAGCCCTTGTATATTAATCTCTTGAATTAATATACAAGGGCTCAACCGG	Hs.93002	9941	0.086075	0.98707159	0.839280141	0.84845	0.46572231	0.01705101	0.5996	1.29240197	0.300253724								
UBE2C	BC032677_bp1511_R	AGCTAAAAGGTTGAGCCCTTGTATATTAATCTCTTGAATTAATATACAAGGGCTCAACCGG	Hs.93002	15317	0.607775	1.41235605	0.328133204	1.000233333	0.45667266	0.201408713	1.101666667	1.39289295	0.101989835								
UBE2C	BC032677_bp640_R	AGCTAAAAGGCCAGCAACTAATATTCTAATCTCTTGAATTAGAATATTAGTTGCTGGCCGG	Hs.93002	4563	0.401075	0.65823714	0.218876157	-0.209575	0.19900763	0.233879864	-0.17113333	0.15554775	0.497571043								
UBE2C	BC032677_bp640_R	AGCTAAAAGGCCAGCAACTAATATTCTAATCTCTTGAATTAGAATATTAGTTGCTGGCCGG	Hs.93002	9939	0.191625	0.40943387	0.391473515	-0.18615	0.37264838	0.398145681	-0.2562	0.21983376	0.335662268								
UBE2C	BC032677_bp640_R	AGCTAAAAGGCCAGCAACTAATATTCTAATCTCTTGAATTAGAATATTAGTTGCTGGCCGG	Hs.93002	15315	0.462975	0.56356644	0.127064972	-0.10615	0.44846725	0.675683059	-0.19673333	0.24315884	0.456050976								
UBE2F	BC039435_bp643_R	AGCTAAAAGCTCGCCATTTGCTAATTAGATCTCTTGAATCTAATTAGCAAATGGCAGACGG	Hs.471785	4282	0.0811	0.60976009	0.775080055	2.711975	0.34021486	6.38E-05	-0.4914	0.33351583	0.113700852								
UBE2F	BC039435_bp643_R	AGCTAAAAGCTCGCCATTTGCTAATTAGATCTCTTGAATCTAATTAGCAAATGGCAGACGG	Hs.471785	15034	0.3617	0.64089944	0.307750167	1.8632	0.32397286	0.000295339	0.058866667	0.10889694	0.808785325								
UBE2F	BC039435_bp643_R	AGCTAAAAGCTCGCCATTTGCTAATTAGATCTCTTGAATCTAATTAGCAAATGGCAGACGG	Hs.471785	9658	0.208125	0.87935175	0.591947979	1.883625	0.50423245	0.001368833	-0.41735	0.37116035	0.281773555								
UBE2F	BC039435_bp70_R	AGCTAAAAGCCCCCTGATTCTCAACAAGATCTCTTGAATCTTTGTTGAGAATCAGGGGGCGG	Hs.471785	4280	-0.300125	0.47728915	0.240250293	-0.548675	0.22859193	0.021711746	0.231533333	0.65365784	0.511543672								
UBE2F	BC039435_bp70_R	AGCTAAAAGCCCCCTGATTCTCAACAAGATCTCTTGAATCTTTGTTGAGAATCAGGGGGCGG	Hs.471785	9656	-0.6366	0.31601953	0.015825086	-0.29435	0.36977638	0.204769647	0.478666667	0.25979766	0.108820957								
UBE2F	BC039435_bp70_R	AGCTAAAAGCCCCCTGATTCTCAACAAGATCTCTTGAATCTTTGTTGAGAATCAGGGGGCGG	Hs.471785	15032	-0.488075	0.30236906	0.037885325	-0.722625	0.20851509	0.007121939	0.415633333	0.42819517	0.190493762								
UBE2F	BC039435_bp92_R	AGCTAAAAGGCTGAGCAGTGTGAAGATAATCTCTTGAATTATCTTCACACTGCTCAGCCGG	Hs.471785	15030	0.0351	0.37903732	0.864519364	0.54835	0.39136239	0.049424832	-0.1358	0.53650203	0.668549471								
UBE2F	BC039435_bp92_R	AGCTAAAAGGCTGAGCAGTGTGAAGATAATCTCTTGAATTATCTTCACACTGCTCAGCCGG	Hs.471785	4278	0.0971	0.79306055	0.80262428	0.6933	0.08617504	0.083176826	-0.00045	0.11306637	0.998921712								
UBE2F	BC039435_bp92_R	AGCTAAAAGGCTGAGCAGTGTGAAGATAATCTCTTGAATTATCTTCACACTGCTCAGCCGG	Hs.471785	9654	0.1813	0.45025167	0.505129261	0.694666667	0.48279811	0.070640729	0.8332	0.47588286	0.075997651								
UBE2I	BC069256_bp15_R	AGCTAAAAGAGGGGAGATTGACGAGTTGATCTCTTGAATCAACTCGTCAATCTCCCTCCGG	Hs.302903	4259	0.3316	0.83827862	0.385534002	0.547625	0.47417347	0.071028213	1.71715	0.91209704	0.017472739								
UBE2I	BC069256_bp15_R	AGCTAAAAGAGGGGAGATTGACGAGTTGATCTCTTGAATCAACTCGTCAATCTCCCTCCGG	Hs.302903	9635	0.39835	0.74489173	0.262565407	0.785375	0.22474389	0.005659016	1.2437	1.00663721	0.055786439								
UBE2I	BC069256_bp15_R	AGCTAAAAGAGGGGAGATTGACGAGTTGATCTCTTGAATCAACTCGTCAATCTCCCTCCGG	Hs.302903	15011	0.3765	0.79955075	0.312125065	0.515125	0.3778315	0.055883567	1.7443	0.62395102	0.00956974								
UBE2I	BC069256_bp1630_R	AGCTAAAAGCGGCTTGGCTTTCTGGTAATTCTCTTGAATTAACCAGAAAGCCAACGCGCGG	Hs.302903	4257	-1.1768	0.56235618	0.005531191	1.01125	0.58545294	0.016558348	-0.40016667	0.50939529	0.229083268								
UBE2I	BC069256_bp1630_R	AGCTAAAAGCGGCTTGGCTTTCTGGTAATTCTCTTGAATTAACCAGAAAGCCAACGCGCGG	Hs.302903	9633	-0.928666667	0.374553353	0.014656224	0.84345	0.64949403	0.040034482	-0.38726667	0.64818397	0.288392807								
UBE2I	BC069256_bp1630_R	AGCTAAAAGCGGCTTGGCTTTCTGGTAATTCTCTTGAATTAACCAGAAAGCCAACGCGCGG	Hs.302903	15009	-0.959375	0.57036589	0.013184202	0.6314	0.92195646	0.179915454	-0.2706	0.42753387	0.369833049								
UBE2J1	NM_016021_bp357_R	AGCTAAAAGTCCGGCTGTTAAACGTTTAATCTCTTGAATTAAACGTTTAACAGCCGGACGG	Hs.16376	3350	-0.881625	0.37313348	0.00606494				-0.61298875	0.26973461	0.023212301	0.47095	0.451789	0.128409752	-0.334525	1.13374815	0.596010165		
UBE2J1	NM_016021_bp357_R	AGCTAAAAGTCCGGCTGTTAAACGTTTAATCTCTTGAATTAAACGTTTAACAGCCGGACGG	Hs.16376	8726	-0.726975	0.40434641	0.015743073				-0.5560125	0.23311113	0.030269175	0.39175	0.44310184	0.175180569	-0.37935	1.14589119	0.555222709		
UBE2J1	NM_016021_bp357_R	AGCTAAAAGTCCGGCTGTTAAACGTTTAATCTCTTGAATTAAACGTTTAACAGCCGGACGG	Hs.16376	14102	-0.671575	0.17030667	0.071422727				-0.5429875	0.26053294	0.035646946	0.486475	0.50543535	-0.149903659	-0.299115	1.15848011	0.641195191		
UBE2J1	NM_016021_bp386_R	AGCTAAAAGCGGCAGAATTGAAAGATCCATCTCTTGAATCTAACGCAACAGGACATCCGG	Hs.16376	3354	-0.084833333	0.15500566	0.659202814				0.129			0.149125	0.6183653	0.66258196	0.81915	0.528228867	0.053233325		
UBE2J1	NM_016021_bp386_R	AGCTAAAAGCGGCAGAATTGAAAGATCCATCTCTTGAATCGATCTTTCAACTTCGCGCCGG	Hs.16376	8730	-0.025	0.2574994	0.90518036				0.2252			0.058275	0.43419542	0.805770264	0.808225	0.447908883	0.03632444		
UBE2J1	NM_016021_bp386_R	AGCTAAAAGCGGCAGAATTGAAAGATCCATCTCTTGAATCGATCTTTCAACTTCGCGCCGG	Hs.16376	14106	-0.208433333	0.26226615	0.352024442				0.1724			0.240975	0.51225393	0.416194218	0.80605	0.42695507	0.032536427		
UBE2J1	NM_016021_bp802_R	AGCTAAAAGATGTCCTGTTGCCTTTAAATCTCTTGAATTTAAACGGCAACAGGACATCCGG	Hs.16376	3352	0.378275	0.14812558	0.043974073				-0.24303276	0.02268503	0.225788397	0.513375	0.20520953	0.01536359	0.49465	0.77350139	0.290861139		
UBE2J1	NM_016021_bp802_R	AGCTAAAAGATGTCCTGTTGCCTTTAAATCTCTTGAATTTAAACGGCAACAGGACATCCGG	Hs.16376	8728	0.192325	0.58882996	0.495542113				-0.2357875	0.0562993	0.240339687	0.529	0.19273747	0.011893657	0.7633	0.59150941	0.081719175		
UBE2J1	NM_016021_bp802_R	AGCTAAAAGATGTCCTGTTGCCTTTAAATCTCTTGAATTTAAACGGCAACAGGACATCCGG	Hs.16376	14104	1.219666667	0.5934984	0.014130428				-0.2374625	0.05735816	0.237482134	0.60745	0.22794389	0.012908069	0.89545	0.63948431	0.067822626		
UBE2L3	AK125396_bp1242_R	AGCTAAAAGTGGTCTAGGTAACCTGTAAATCTCTTGAATTTACAGGTTACCTAGACCACCGG	Hs.108104	3877	1.2140875	0.47614038	0.002922301				0.9553	0.45238781	0.007080601								
UBE2L3	AK125396_bp1242_R	AGCTAAAAGTGGTCTAGGTAACCTGTAAATCTCTTGAATTTACAGGTTACCTAGACCACCGG	Hs.108104	9253	1.7431625	1.47802261	0.030863367				0.50225	0.1655374	0.037333581								
UBE2L3	AK125396_bp1242_R	AGCTAAAAGTGGTCTAGGTAACCTGTAAATCTCTTGAATTTACAGGTTACCTAGACCACCGG	Hs.108104	14629	1.1810875	0.34499374	0.001406894				0.691425	0.08020488	0.008806221								
UBE2L3	AK125396_bp2968_R	AGCTAAAAGTCCCATTGCTTCGTATTTCTTCTCTTGAAAGAAATACGAAGCAATGGGACGG	Hs.108104	3873	-0.473966667	0.61036596	0.188411569				-0.9744	0.15211533	0.001953225								
UBE2L3	AK125396_bp2968_R	AGCTAAAAGTCCCATTGCTTCGTATTTCTTCTCTTGAAAGAAATACGAAGCAATGGGACGG	Hs.108104	9249	-0.490233333	0.78280122	0.244627811				-0.831475	0.14679638	0.004233887								
UBE2L3	AK125396_bp2968_R	AGCTAAAAGTCCCATTGCTTCGTATTTCTTCTCTTGAAAGAAATACGAAGCAATGGGACGG	Hs.108104	14625	-0.8898	0.14127994	0.034812871				-0.877225	0.05471632	0.002760831								
UBE2L3	AK125396_bp347_R	AGCTAAAAGGGCGCGTCGTAATGTGAGATCTCTTGAATCTCACATTAACGACGCCCTCGG	Hs.108104	3875	-0.2264625	0.15403407	0.172409336				-0.196075	0.19494908	0.347660392								
UBE2L3	AK125396_bp347_R	AGCTAAAAGGGCGCGTCGTAATGTGAGATCTCTTGAATCTCACATTAACGACGCCCTCGG	Hs.108104	9251	-0.2166875	0.089396	0.166257788				-0.167775	0.18853808	0.451180671								
UBE2L3	AK125396_bp347_R	AGCTAAAAGGGCGCGTCGTAATGTGAGATCTCTTGAATCTCACATTAACGACGCCCTCGG	Hs.108104	14627	-0.1635875	0.09826896	0.278936767				-0.1651	0.07149964	0.42464713								
UBE2L6	AK093462_bp1294_R	AGCTAAAAGAGGGTACCCTATTTACAACTTCTCTTGAAGTTGTTAAATAGGGTACCCTCGG	Hs.425777	3856	-0.3627375	0.34979705	0.11012343				-0.447025	0.30578438	0.076349966								
UBE2L6	AK093462_bp1294_R	AGCTAAAAGAGGGTACCCTATTTACAACTTCTCTTGAAAGTTGTAAATAGGGTACCCTCGG	Hs.425777	9232	-0.0819875	0.56879803	0.760917245				-0.40025	0.44667274	0.144020458								
UBE2L6	AK093462_bp1294_R	AGCTAAAAGAGGGTACCCTATTTACAACTTCTCTTGAAAGTTGTAAATAGGGTACCCTCGG	Hs.425777	14608	-0.1083125	0.21081087	0.51019058				-0.395825	0.29321955	0.104315067								
UBE2L6	AK093462_bp1321_R	AGCTAAAAGCCCAAGCCACTGATGGGAATATCTCTTGAATATTCCCATCAGTGGCTTGGCGG	Hs.425777	3854	-0.5022375	0.2247155	0.023270115				-0.162	0.47496752	0.533387771								
UBE2L6	AK093462_bp1321_R	AGCTAAAAGCCCAAGCCACTGATGGGAATATCTCTTGAATATTCCCATCAGTGGCTTGGCGG	Hs.425777	9230	-0.6831125	0.29547702	0.010691027				0.0178	0.860451	0.961245907								
UBE2L6	AK093462_bp1321_R	AGCTAAAAGCCCAAGCCACTGATGGGAATATCTCTTGAATATTCCCATCAGTGGCTTGGCGG	Hs.425777	14606	-0.2599375	0.36476547	0.232255241				-0.055525	0.87395367	0.880999769								
UBE2L6	AK093462_bp1473_R	AGCTAAAAGGGCCTCAGACTGTGAAGTATATCTCTTGAATATACTTCACAGTCTGAGGCCGG	Hs.425777	3852	-0.2972375	0.5813007	0.30344028				-0.258	0.52405949	0.354424836								
UBE2L6	AK093462_bp1473_R	AGCTAAAAGGCCTCAGACTGTGAAGTATATCTCTTGAATATACTTCACAGTCTGAGGCCGG	Hs.425777	9228	-0.1675375	0.38819007	0.436259481				-0.098	0.24513796	0.64071462								
UBE2L6	AK093462_bp1473_R	AGCTAAAAGGCCTCAGACTGTGAAGTATATCTCTTGAATATACTTCACAGTCTGAGGCCGG	Hs.425777	14604	-0.1693375	0.40434946	0.441894966				0.011325	0.33189968	0.959589921								
UBE2N	NM_003348_bp1711_R	AGCTAAAAGCCCTGAGCATGCATAAAGCATCTCTTGAATGCTTTATGCATGCTCAGGGCGG	Hs.524630	2487																	
UBE2N	NM_003348_bp1711_R	AGCTAAAAGCCCTGAGCATGCATAAAGCATCTCTTGAATGCTTTATGCATGCTCAGGGCGG	Hs.524630	7863																	
UBE2N	NM_003348_bp1711_R	AGCTAAAAGCCCTGAGCATGCATAAAGCATCTCTTGAATGCTTTATGCATGCTCAGGGCGG	Hs.524630	13239																	
UBE2N	NM_003348_bp1870_R	AGCTAAAAGACTGACATGTAGGACTTTCATCTCTTGAATGAAAGTCCTACATGTCAGTCGG	Hs.524630	2489																	
UBE2N	NM_003348_bp1870_R	AGCTAAAAGACTGACATGTAGGACTTTCATCTCTTGAATGAAAGTCCTACATGTCAGTCGG	Hs.524630	7865																	
UBE2N	NM_003348_bp1870_R	AGCTAAAAGACTGACATGTAGGACTTTCATCTCTTGAATGAAAGTCCTACATGTCAGTCGG	Hs.524630	13241																	
UBE2N	NM_003348_bp615_R	AGCTAAAAGGGGAAGAATATGTTTAGATATTCTCTTGAAATATCTAAACATATTCTTCCCGG	Hs.524630	1463																	
UBE2N	NM_003348_bp615_R	AGCTAAAAGGGGAAGAATATGTTTAGATATTCTCTTGAAATATCTAAACATATTCTTCCCGG	Hs.524630	6839																	
UBE2N	NM_003348_bp615_R	AGCTAAAAGGGGAAGAATATGTTTAGATATTCTCTTGAAATATCTAAACATATTCTTCCCGG	Hs.524630	13241																	
UBE2T	BF690859_bp157_R	AGCTAAAAGCATCACATGTAGGCAAGATATCTCTTGAATATCTTGCCTACATGTGTAGTCGG	Hs.5199	15109	-0.821566667	0.19072316	0.011037291	0.2149	0.55837803	0.453324626	-0.2754										
UBE2T	BF690859_bp157_R	AGCTAAAAGCATCACATGTAGGCAAGATATCTCTTGAATATCTTGCCTACATGTGTAGTCGG	Hs.5199	4357	-0.9936	0.02665793	0.024249005	0.3275													
UBE2T	BF690859_bp157_R	AGCTAAAAGCATCACATGTAGGCAAGATATCTCTTGAATATCTTGCCTACATGTGTAGTCGG	Hs.5199	9733	-0.85385	0.16440233	0.039653708	0.62275	0.04357694	0.006529521											
UBE2T	BF690859_bp579_R	AGCTAAAAGGGGAAAGAGATGCTTGATAATTCTCTTGAAATTATCAAGCATCTCTTTTCCCGG	Hs.5199	4355	-0.331425	0.24197981	0.092324588	-0.295225	0.3137268	0.171866864	1.832666667	1.18767862	0.012622958								
UBE2T	BF690859_bp579_R	AGCTAAAAGGGGAAAGAGATGCTTGATAATTCTCTTGAAATTATCAAGCATCTCTTTTCCCGG	Hs.5199	9731	-0.299025	0.31881331	0.154879136	-0.35335	0.18739914	0.070889159	1.953133333	0.82619141	0.003296373								
UBE2T	BF690859_bp579_R	AGCTAAAAGGGGAAAGAGATGCTTGATAATTCTCTTGAAATTATCAAGCATCTCTTTTCCCGG	Hs.5199	15107	-0.04285	0.20713613	0.789438597	-0.271125	0.21084448	0.147448984	1.8806	1.35210854	0.017064459								
UBE2T	BF690859_bp615_R	AGCTAAAAGATCCCGAAGTACACCAATCATCTCTTGAATGATTGGTGTACTTCGGGATCGG	Hs.5199	4359	0.1729	0.67198051	0.527237448	-0.443975	0.31435426	0.064284133	0.120166667	1.73300026	0.864017475								
UBE2T	BF690859_bp615_R	AGCTAAAAGATCCCGAAGTACACCAATCATCTCTTGAATGATTGGTGTACTTCGGGATCGG	Hs.5199	9735	0.0797	0.66139402	0.792036418	-0.644125	0.39782964	0.030779968	-0.40393333	1.07860056	0.41160258								
UBE2T	BF690859_bp615_R	AGCTAAAAGATCCCGAAGTACACCAATCATCTCTTGAATGATTGGTGTACTTCGGGATCGG	Hs.5199	15111	0.087	0.62273472	0.763088053	-0.4324	0.1002331	0.028039558	-0.56286667	1.1915008	0.299625821								
UBE2V1	NM_199203_bp1250_R	AGCTAAAACAGTCTTCATTTTCCACAGTATCTCTTGAATACTGTGGAAAATGAAGACTGGG	Hs.420529	2346																	
UBE2V1	NM_199203_bp1250_R	AGCTAAAACAGTCTTCATTTTCCACAGTATCTCTTGAATACTGTGGAAAATGAAGACTGGG	Hs.420529	7722																	
UBE2V1	NM_199203_bp1250_R

UCHL5	AK123655_bp1573_R	AGCTAAAAAGAACCTGCTGTAACACTTAATCTCTTGAAATTAAGTGTTACAGCAGGTTCGG		4150	0.0441875	0.32522709	0.816198516					0.031175	0.65238948	0.918220728								
UCHL5	AK123655_bp1573_R	AGCTAAAAAGAACCTGCTGTAACACTTAATCTCTTGAAATTAAGTGTTACAGCAGGTTCGG		9526	0.0629625	0.34290354	0.747681226					0.182725	0.6878583	0.566008356								
UCHL5	AK123655_bp1573_R	AGCTAAAAAGAACCTGCTGTAACACTTAATCTCTTGAAATTAAGTGTTACAGCAGGTTCGG		14902	0.0034875	0.36266715	0.986119237					0.195525	0.49284579	0.463037332								
UCHL5	AK123655_bp998_R	AGCTAAAAGCCTGTAACGTTAACATTTCATCTCTTGAATGAAATGTTAACGTTACAGGCGG		4146	-0.6320875	0.14268315	0.006372723					-0.279675	0.12350664	0.181252512								
UCHL5	AK123655_bp998_R	AGCTAAAAGCCTGTAACGTTAACATTTCATCTCTTGAATGAAATGTTAACGTTACAGGCGG		9522	-0.5601375	0.08643405	0.008485004					-0.2068	0.07769655	0.299103117								
UCHL5	AK123655_bp998_R	AGCTAAAAGCCTGTAACGTTAACATTTCATCTCTTGAATGAAATGTTAACGTTACAGGCGG		14898	-0.5980875	0.04680877	0.005901262					-0.170775	0.1650706	0.401138891								
UGCG	AJ420423_bp1006_R	AGCTAAAAAGCAACATATCTATAAGTATGTTCTCTTGAAACATACTTATAGATATGTTGCGG	Hs.593014	3828	0.3527375	0.29510888	0.096055523					1.28615	0.78489613	0.007684431								
UGCG	AJ420423_bp1006_R	AGCTAAAAAGCAACATATCTATAAGTATGTTCTCTTGAAACATACTTATAGATATGTTGCGG	Hs.593014	9204	0.3847125	0.24049093	0.060318095					0.526425	0.1512848	0.030563209								
UGCG	AJ420423_bp1006_R	AGCTAAAAAGCAACATATCTATAAGTATGTTCTCTTGAAACATACTTATAGATATGTTGCGG	Hs.593014	14580	0.6355625	0.32234187	0.016501873					0.882	0.59825402	0.018499268								
UGCG	AJ420423_bp107_R	AGCTAAAAAGGTTCTGTCTTGAACCATTGTTCTCTTGAAACAATCGGTTCAAGACAGAACCGG	Hs.593014	3830	-0.3717625	0.13454692	0.044372515					-0.08115	0.09740546	0.673397464								
UGCG	AJ420423_bp107_R	AGCTAAAAAGGTTCTGTCTTGAACCATTGTTCTCTTGAAACAATCGGTTCAAGACAGAACCGG	Hs.593014	9206	-0.3543125	0.10793749	0.047682602					-0.030025	0.15921173	0.878681041								
UGCG	AJ420423_bp107_R	AGCTAAAAAGGTTCTGTCTTGAACCATTGTTCTCTTGAAACAATCGGTTCAAGACAGAACCGG	Hs.593014	14582	-0.3584875	0.0995867	0.044920939					0.03035	0.11181176	0.874589647								
UGCG	AJ420423_bp1483_R	AGCTAAAAAGTGGAGTATTTCCTTAATGTATCTCTTGAATACCATTAAGGAAATACTCCACGG	Hs.593014	3826	0.7843625	0.33020638	0.007545664					0.47365	0.21601632	0.051037055								
UGCG	AJ420423_bp1483_R	AGCTAAAAAGTGGAGTATTTCCTTAATGTATCTCTTGAATACCATTAAGGAAATACTCCACGG	Hs.593014	9202	0.7250625	0.35285899	0.01184639					0.431975	0.19185282	0.065157369								
UGCG	AJ420423_bp1483_R	AGCTAAAAAGTGGAGTATTTCCTTAATGTATCTCTTGAATACCATTAAGGAAATACTCCACGG	Hs.593014	14578	0.5554375	0.36173911	0.033056257					0.4392	0.16665891	0.058929791								
UGT2B17	U59209_bp1553_R	AGCTAAAAAGCGTGGCAACTATGATATTTATCTCTTGAATAAATATCATAGTTGCCACGCGG	Hs.183596	4865	-0.5733375	0.23682057	0.015167082	0.0421375	0.36154577	0.839246771					0.122575	0.34316836	0.526565307	0.579225	0.42256873	0.07125168		
UGT2B17	U59209_bp1553_R	AGCTAAAAAGCGTGGCAACTATGATATTTATCTCTTGAATAAATATCATAGTTGCCACGCGG	Hs.183596	10241	-0.6766375	0.14096258	0.004753076	-0.0414125	0.32334253	0.832345985					0.1377	0.32107176	0.454092019	0.5433	0.40764878	0.075979337		
UGT2B17	U59209_bp1553_R	AGCTAAAAAGCGTGGCAACTATGATATTTATCTCTTGAATAAATATCATAGTTGCCACGCGG	Hs.183596	15617	-0.5436875	0.20787888	0.015949387	0.1432375	0.35742148	0.498705097					0.08755	0.31747979	0.619691555	0.569975	0.41011334	0.069013835		
UGT2B17	U59209_bp338_R	AGCTAAAAAGTGGACATATAGTATTTCAATCTCTTGAATTGAAATACTATATGTCCATCGG	Hs.183596	4869	-0.1935875	0.13613077	0.224078369	0.0579625	0.39818796	0.792447632					0.841075	0.29826859	0.011030734	1.004475	0.45980592	0.022176773		
UGT2B17	U59209_bp338_R	AGCTAAAAAGTGGACATATAGTATTTCAATCTCTTGAATTGAAATACTATATGTCCATCGG	Hs.183596	10245	-0.2333375	0.15726469	0.163265987	-0.0231375	0.44004558	0.921203632					0.85035	0.28241908	0.009178086	0.97835	0.43623098	0.020669278		
UGT2B17	U59209_bp338_R	AGCTAAAAAGTGGACATATAGTATTTCAATCTCTTGAATTGAAATACTATATGTCCATCGG	Hs.183596	15621	-0.1681875	0.19892866	0.314345547	0.0346125	0.4198281	0.878841686					0.80315	0.27730674	0.010236059	0.983125	0.43544727	0.020302178		
UGT2B17	U59209_bp404_R	AGCTAAAAAGGGAATATTCTGACTATAAATCTCTTGAATATTATAGTCAGAATATTCCCGG	Hs.183596	4867	0.3510875	0.31758326	0.105931618	-0.3452875	0.39690286	0.162950178					0.24895	0.50641433	0.398012934	0.9309	0.32968576	0.010989984		
UGT2B17	U59209_bp404_R	AGCTAAAAAGGGAATATTCTGACTATAAATCTCTTGAATATTATAGTCAGAATATTCCCGG	Hs.183596	10243	0.2343875	0.39060571	0.291372296	-0.3099125	0.33422364	0.166345381					0.26555	0.42562345	0.300624235	0.92705	0.3010484	0.008614381		
UGT2B17	U59209_bp404_R	AGCTAAAAAGGGAATATTCTGACTATAAATCTCTTGAATATTATAGTCAGAATATTCCCGG	Hs.183596	15619	0.2204375	0.36977958	0.304505956	-0.2977875	0.42256764	0.231638364					0.292725	0.46330294	0.295625365	0.924175	0.2917629	0.007953563		
UHMK1	NM_175866_bp1070_R	AGCTAAAAAGCCCCCTCATATTGAAGATCTGTCTCTTGAACGAGATCTTCAATATGAGGGGCGG	Hs.127310	1922				-7.9019														
UHMK1	NM_175866_bp1070_R	AGCTAAAAAGCCCCCTCATATTGAAGATCTGTCTCTTGAACGAGATCTTCAATATGAGGGGCGG	Hs.127310	7298				-7.5108														
UHMK1	NM_175866_bp1070_R	AGCTAAAAAGCCCCCTCATATTGAAGATCTGTCTCTTGAACGAGATCTTCAATATGAGGGGCGG	Hs.127310	12674				-6.3181														
UHMK1	NM_175866_bp1332_R	AGCTAAAAAGGAAGTTTGTTGTGGCTACATTCTCTTGAAATGTAGCCACAACAAACTTCCGG	Hs.127310	764	-0.628075	0.22361541	0.009885177	-0.2403	0.16610794	0.166698597												
UHMK1	NM_175866_bp1332_R	AGCTAAAAAGGAAGTTTGTTGTGGCTACATTCTCTTGAAATGTAGCCACAACAAACTTCCGG	Hs.127310	6140	-0.660125	0.09444774	0.00438943	0.0649	0.1021881	0.654628691												
UHMK1	NM_175866_bp1332_R	AGCTAAAAAGGAAGTTTGTTGTGGCTACATTCTCTTGAAATGTAGCCACAACAAACTTCCGG	Hs.127310	11516	-0.8249	0.65075242	0.033056282	0.0642	0.23609234	0.708429311												
UHMK1	NM_175866_bp898_R	AGCTAAAAAGGCAAACAGTCTGCTATTATTCTCTTGAAATAATAGCAGAACTGTTTGCCGG	Hs.127310	765	-0.408625	0.58813965	0.178889565	0.41135	1.09054059	0.419849805												
UHMK1	NM_175866_bp898_R	AGCTAAAAAGGCAAACAGTCTGCTATTATTCTCTTGAAATAATAGCAGAACTGTTTGCCGG	Hs.127310	6141	-0.613025	1.0240878	2.200930954	0.692525	1.10794132	0.207288238												
UHMK1	NM_175866_bp898_R	AGCTAAAAAGGCAAACAGTCTGCTATTATTCTCTTGAAATAATAGCAGAACTGTTTGCCGG	Hs.127310	11517	-0.09995	0.51412837	0.690891309	0.5815	0.90262073	0.202966083												
UHRF1	AK074377_bp3441_R	AGCTAAAAAGGGAACCGTTTGAGCCTTATATCTCTTGAATATAAGGCTCAAACGGTTCCCGG	Hs.108106	4087	0.7080125	0.44703243	0.021862079					2.555475	1.90265573	0.009879184								
UHRF1	AK074377_bp3441_R	AGCTAAAAAGGGAACCGTTTGAGCCTTATATCTCTTGAATATAAGGCTCAAACGGTTCCCGG	Hs.108106	9463	0.5695375	0.16911955	0.01100135					2.976475	2.0126026	0.006532561								
UHRF1	AK074377_bp3441_R	AGCTAAAAAGGGAACCGTTTGAGCCTTATATCTCTTGAATATAAGGCTCAAACGGTTCCCGG	Hs.108106	14839	0.5051125	0.16844884	0.017412932					1.117	0.36987664	0.002278842								
UHRF1	AK074377_bp948_R	AGCTAAAAAGGGGGATGATTCTCTGAACGATCTCTTGAATCGTTCAGAGAATCATCCCCCGG	Hs.108106	4091	0.3343125	0.25788407	0.095814319					0.522875	0.29595754	0.045061278								
UHRF1	AK074377_bp948_R	AGCTAAAAAGGGGGATGATTCTCTGAACGATCTCTTGAATCGTTCAGAGAATCATCCCCCGG	Hs.108106	9467	0.3680625	0.18398128	0.054765375					0.490125	0.34960529	0.064921409								
UHRF1	AK074377_bp948_R	AGCTAAAAAGGGGGATGATTCTCTGAACGATCTCTTGAATCGTTCAGAGAATCATCCCCCGG	Hs.108106	14843	0.3898125	0.20919281	0.050777671					0.541475	0.30910883	0.041508376								
UHRF1	AK074377_bp987_R	AGCTAAAAAGGACGAAGTCTTCAAGATTGATCTCTTGAATCAATCTTGAAGACTTCGTCCGG	Hs.108106	4089	0.4452625	0.4261137	0.086697447					1.773575	0.35391081	0.000175333								
UHRF1	AK074377_bp987_R	AGCTAAAAAGGACGAAGTCTTCAAGATTGATCTCTTGAATCAATCTTGAAGACTTCGTCCGG	Hs.108106	9465	0.4808125	0.53377346	0.105200207					1.847275	0.32300652	0.000119043								
UHRF1	AK074377_bp987_R	AGCTAAAAAGGACGAAGTCTTCAAGATTGATCTCTTGAATCAATCTTGAAGACTTCGTCCGG	Hs.108106	14841	0.4989375	0.41857535	0.060836248					1.92065	0.33893392	0.000103338								
ULK1	NM_003565_bp1308_R	AGCTAAAAAGCAAGGACTCTTCCTGTGACATCTCTTGAATGTCACAGGAAGAGTCCTTGCGG	Hs.47061	11113	-0.2852	1.06019375	0.571172134	-1.1243625	0.67142364	0.016746695					-0.82135	0.18321118	0.002927777	-0.8727	0.19334651	0.002870349		
ULK1	NM_003565_bp1308_R	AGCTAAAAAGCAAGGACTCTTCCTGTGACATCTCTTGAATGTCACAGGAAGAGTCCTTGCGG	Hs.47061	361	-0.88425	0.80518249	0.115845912	-1.1444125	0.79901006	0.018444409					-0.796475	0.27087194	0.009810698	-0.9115	0.025173	0.012430949		
ULK1	NM_003565_bp1308_R	AGCTAAAAAGCAAGGACTCTTCCTGTGACATCTCTTGAATGTCACAGGAAGAGTCCTTGCGG	Hs.47061	5737	-0.92095	0.61836488	0.075302661	-1.1611125	0.79850055	0.024849468					-0.649475	0.0438649	8.46E-05	-0.929675	0.22884353	0.00389774		
ULK1	NM_003565_bp3078_R	AGCTAAAAAGCAGGCTGAATGAGCTGTACATCTCTTGAATGTACAGCTCATTCAGCCTGCGG	Hs.47061	362	0.5419	0.34332539	0.032741814	0.6534375	1.00903229	0.196945573								0.29085	0.62232468	0.628193168		
ULK1	NM_003565_bp3078_R	AGCTAAAAAGCAGGCTGAATGAGCTGTACATCTCTTGAATGTACAGCTCATTCAGCCTGCGG	Hs.47061	5738	0.5933	0.35889303	0.02591546	0.6540875	1.05672195	0.212403132												
ULK1	NM_003565_bp3078_R	AGCTAAAAAGCAGGCTGAATGAGCTGTACATCTCTTGAATGTACAGCTCATTCAGCCTGCGG	Hs.47061	11114	0.361725	0.30091318	0.091970266	0.6479625	0.83232895	0.141288264												
ULK1	NM_003565_bp841_R	AGCTAAAAAGGTCATCATGTCCCAGCACTATCTCTTGAATAGTGCTGGGACATGATGACCGG	Hs.47061	1602																		
ULK1	NM_003565_bp841_R	AGCTAAAAAGGTCATCATGTCCCAGCACTATCTCTTGAATAGTGCTGGGACATGATGACCGG	Hs.47061	6978																		
ULK1	NM_003565_bp841_R	AGCTAAAAAGGTCATCATGTCCCAGCACTATCTCTTGAATAGTGCTGGGACATGATGACCGG	Hs.47061	12354																		
ULK2	NM_014683_bp768_R	AGCTAAAAAGGTGGAGACCTCGCAGATTATTCTCTTGAAATAATCTGCGAGGTCTCCACCGG	Hs.168762	495	-0.339866667	3.24417748	0.811178904	0.35855	7.3047666	0.921055729												
ULK2	NM_014683_bp768_R	AGCTAAAAAGGTGGAGACCTCGCAGATTATTCTCTTGAAATAATCTGCGAGGTCTCCACCGG	Hs.168762	5871	-0.53775	4.87352136	0.805211991	0.94885	9.30969717	0.837396205												
ULK2	NM_014683_bp768_R	AGCTAAAAAGGTGGAGACCTCGCAGATTATTCTCTTGAAATAATCTGCGAGGTCTCCACCGG	Hs.168762	11247	-0.47525	4.99783073	0.831397244	1.5014	10.3388911	0.771018409												
ULK3	NM_015518_bp142_R	AGCTAAAAAGTGGTAGCCATAAAGTGTGTATATCTCTTGAATACACACCTTATTGGCTACCACGG	Hs.513034	12430	4.584375	6.69971752	0.00110272	-6.9065	0.59538391	0.000901436												
ULK3	NM_015518_bp142_R	AGCTAAAAAGTGGTAGCCATAAAGTGTGTATATCTCTTGAATACACACCTTATTGGCTACCACGG	Hs.513034	1678				-4.6982	3.01892169	0.054989615												
ULK3	NM_015518_bp142_R	AGCTAAAAAGTGGTAGCCATAAAGTGTGTATATCTCTTGAATACACACCTTATTGGCTACCACGG	Hs.513034	7054				-5.8548	0.18285781	0.000587343												
ULK3	NM_015518_bp2660_R	AGCTAAAAAGAGGCTGAGTGTAAAGAGTATCTCTTGAACTCTTTACACTCACCCTCCGG	Hs.513034	527	1.717225	1.88094487	0.067505017	0.323														
ULK3	NM_015518_bp2660_R	AGCTAAAAAGAGGCTGAGTGTAAAGAGTATCTCTTGAATACTCTTTACACTCACCCTCCGG	Hs.513034	5903	2.33545	2.36505035	0.052469674	0.898233333	1.50636778	0.265695806												
ULK3	NM_015518_bp2660_R	AGCTAAAAAGAGGCTGAGTGTAAAGAGTATCTCTTGAATACTCTTTACACTCACCCTCCGG	Hs.513034	11279	2.77405	3.27603659	0.081092842	0.746733333	1.28321478	0.280022552												
ULK3	NM_015518_bp364_R	AGCTAAAAAGCGCGTGTCTCATGCAGCAATCTCTTGAATTGCTGCATGAAGACACGCCGCGG	Hs.513034	528	-0.079175	0.49374993	0.745264444	0.7565														
ULK3	NM_015518_bp364_R	AGCTAAAAAGCGCGTGTCTCATGCAGCAATCTCTTGAATTGCTGCATGAAGACACGCCGCGG	Hs.513034	5904	0.27005	0.26338958	0.161644576	0.466866667	0.61401557	0.224435704												
ULK3	NM_015518_bp364_R	AGCTAAAAAGCGCGTGTCTCATGCAGCAATCTCTTGAATTGCTGCATGAAGACACGCCGCGG	Hs.513034	11280	0.084675	0.22208894	0.608146993	0.803966667	0.36958144	0.033452195												
ULK4	NM_017886_bp150_R	AGCTAAAAAGAAGCAAGACTGTTGTCTATATCTCTTGAATATAGACAACAGTCTTGCTTCGG	Hs.326883	7142	0.4299	0.42107213	0.093359911	0.29385	0.17656732	0.109895996												
ULK4	NM_017886_bp150_R	AGCTAAAAAGAAGCAAGACTGTTGTCTATATCTCTTGAATATAGACAACAGTCTTGCTTCGG	Hs.326883	12518																		
ULK4	NM_017886_bp432_R	AGCTAAAAAGTGGATTACATCATCTTCATATCTCTTGAATGAAGATGATGTAATCCACGG	Hs.326883	580	0.2509	0.38654032	0.260006434	-0.25455	0.57108285	0.387992929												
ULK4	NM_017886_bp432_R	AGCTAAAAAGTGGATTACATCATCTTCATATCTCTTGAATGTAGAGATGATGTAATCCACGG	Hs.326883	5956	0.15265	0.5513311	0.567097163	-0.235825	0.5946828	0.43442707												
ULK4	NM_017886_bp432_R	AGCTAAAAAGTGGATTACATCATCTTCATATCTCTTGAATATGAAGATGATGTAATCCACGG	Hs.326883	11332	-0.006475	0.86176092	0.986245839	-0.23175	0.59666078	0.442957087												
ULK4	NM_017886_bp987_R	AGCTAAAAAGCGTCGAAGATCTCAGTCTCATCTCTTGAATGAGACTGAGATCTTCGACGCGG	Hs.326883	1768	0.2366																	
ULK4	NM_017886_bp987_R	AGCTAAAAAGCGTCGAAGATCTCAGTCTCATCTCTTGAATGAGACTGAGATCTTCGACGCGG	Hs.326883	7144	0.4938																	
ULK4	NM_017886_bp987_R	AGCTAAAAAGCGTCGAAGATCTCAGTCTCATCTCTTGAATGAGACTGAGATCTTCGACGCGG	Hs.326883	12520	0.4985																	
UNC93B1	NM_030930_bp2229_R	AGCTAAAAGAGCGGCAGTTTGCACCTCCTATCTCTTGAATAGGAGGTGCAAAGTTCGCGCCGG	Hs.502989	3671	-0.573925	0.21254376	0.013278832					0.0343875	0.68285008	0.912371922								
UNC93B1	NM_030930_bp2229_R	AGCTAAAAGAGCGCACTTTGCACCTCCTATCTCTTGAATAGGAGGTGCAAAGTTCGCGCCGG	Hs.502989	9047	-0.63345	0.19784475	0.008304487					0.0748375	0.71371211	0.816308657								
UNC93B1	NM_030930_bp2229_R	AGCTAAAAGAGCGCACTTTGCACCTCCTATCTCTTGAATAGGAGGTGCAAAGTTCGCGCCGG	Hs.502989	14423	-0.61655	0.1993095	0.009708601					-0.0593375	0.71231114	0.853540518								
UNC93B1	NM_030930_bp545_R	AGCTAAAAAGGAGCGCTACTACACGCTTGTTCTCTTGAAACAACGCGTGTAGTAGCGCTCCGG	Hs.502989	3669	-0.54205	0.28680149	0.024383913					0.2152375	1.08428229	0.627178871								
UNC93B1	NM_030930_bp545_R	AGCTAAAAAGGAGCGCTACTACACGCTTGTTCTCTTGAAACAACGCGTGTAGTAGCGCTCCGG	Hs.502989	9045	-0.469	0.35714517	0.055766888					-0.9909875	0.71609197	0.018107505								
UNC93B1	NM_030930_bp545_R	AGCTAAAAAGGAGCGCTACTACACGCTTGTTCTCTTGAAACAACGCGTGTAGTAGCGCTCCGG	Hs.502989	14421	-0.41865	0.39092546	0.089073859					-0.9464375	0.82670841	0.031865666								
UNC93B1	NM_030930_bp638_R	AGCTAAAAAGGCGCAGAAGTACCATGAGTATCTCTTGAATACTCATGGTACTTCTGCGCCGG	Hs.502989	3667	0.80715	0.57690811	0.02583952					0.6391375	0.58065995	0.056451852								
UNC93B1	NM_030930_bp638_R	AGCTAAAAAGGCGCAGAAGTACCATGAGTATCTCTTGAATACTCATGGTACTTCTGCGCCGG	Hs.502989	9043	0.607875	0.69631696	0.097301975					0.5187375	0.47705131	0.078777667								
UNC93B1	NM_030930_bp638_R	AGCTAAAAAGGCGCAGAAGTACCATGAGTATCTCTTGAATACTCATGGTACTTCTGCGCCGG	Hs.502989	14419	0.587875	0.77177076	0.130316693					0.5122125	0.41173627	0.06774204								
USP1	BC050525_bp1911_R	AGCTAAAAAGACCCTGAGATGGGCAATTTCTCTCTTGAAGAAATTGCCCATCTCAGGGTCGG	Hs.35086	4432	0.222775	0.96222517	0.59606274	0.54365	0.3478599	0.041232052	1.121533333	1.10893907	0.058429496									
USP1	BC050525_bp1911_R	AGCTAAAAAGACCCTGAGATGGGCAATTTCTCTCTTGAAGAAATTGCCCATCTCAGGGTCGG	Hs.35086	9808	0.05345	1.07652432	0.907169792	0.586225	0.43511324	0.049423622		1.6849	0.7330072	0.004573806								
USP1	BC050525_bp1911_R	AGCTAAAAAGACCCTGAGATGGGCAATTTCTCTCTTGAAGAAATTGCCCATCTCAGGGTCGG	Hs.35086	15184	0.009875	0.99508755	0.961530293	0.60785	0.3877987	0.035309896		1.0022	0.65609496	0.027862246								
USP1	BC050525_bp2360_R	AGCTAAAAAGGGGTGTGGTTGAGAATTATATCTCTTGAATATAATTCTCAACCACACCCCGG	Hs.35086	4430	0.78125	0.78290821	0.06354184	1.3811	0.25315996	0.000663734	1.378366667	0.44420626	0.004090352									
USP1	BC050525_bp2360_R	AGCTAAAAAGGGGTGTGGTTGAGAATTATATCTCTTGAATATAATTCTCAACCACACCCCGG	Hs.35086	9806	0.7224	0.63083478	0.047152262	1.230225	0.53446689	0.006162305	1.358633333	0.56992707	0.006585857									
USP1	BC050525_bp2360_R	AGCTAAAAAGGGGTGTGGTTGAGAATTATATCTCTTGAATATAATTCTCAACCACACCCCGG	Hs.35086	15182	0.883175	0.73975762	0.037270116	1.2428	0.37638093	0.002324468	1.214966667	0.77166547	0.01929413									
USP10	AK055375_bp108S_R	AGCTAAAAAGGGCTGCTGCTTATGAAACTATCTCTTGAATAGTTTCATAAGCAGCAGCCCGG	Hs.136778	3989	0.0057125	0.24756764	0.973048473					-0.079525	0.14871107	0.686157791								
USP10	AK055375_bp108S_R	AGCTAAAAAGGGCTGCTGCTTATGAAACTATCTCTTGAATAGTTTCATAAGCAGCAGCCCGG	Hs.136778	9365	0.0508125	0.25930034	0.768662914					-0.09865	0.13482091	0.615138781								
USP10	AK055375_bp108S_R	AGCTAAAAAGGGCTGCTGCTTATGAAACTATCTCTTGAATAGTTTCATAAGCAGCAGCCCGG	Hs.136778	14741	0.0001875	0.30032837	0.999180891					-0.075875	0.12690265	0.696652327								
USP10	AK055375_bp215S_R	AGCTAAAAAGTCCCGTGTCTTTAGGATAGATCTCTTGAATCTATCCCTAAAGACACGGGACGG	Hs.136778	3987	-0.4361625	0.31047083	0.056255478					-0.147875	0.34519124	0.520838624								
USP10	AK055375_bp215S_R	AGCTAAAAAGTCCCGTGTCTTTAGGATAGATCTCTTGAATCTATCCCTAAAGACACGGGACGG	Hs.136778	9363	-0.4933875	0.50524674	0.088916444					-0.113975	0.3402263	0.616617997								
USP10	AK055375_bp215S_R	AGCTAAAAAGTCCCGTGTCTTTAGGATAGATCTCTTGAATCTATCCCTAAAGACACGGGACGG	Hs.136778	14739	-0.4237875	0.29547096	0.057369567					-0.069675	0.35712449	0.761489932								
USP10	AK055375_bp3567_R	AGCTAAAAAGATGGGTGATTGTAACTTTATTCTCTTGAAATAAAGTTACAATCACCCATCGG	Hs.136778	3991								-0.28945	0.42506045	0.261487831								
USP10	AK055375_bp3567_R	AGCTAAAAAGATGGGTGATTGTAACTTTATTCTCTTGAAATAAAGTTACAATCACCCATCGG	Hs.136778	9367								-0.3046	0.38066833	0.222599786								
USP10	AK055375_bp3567_R	AGCTAAAAAGATGGGTGATTGTAACTTTATTCTCTTGAAATAAAGTTACAATCACCCATCGG	Hs.136778	14743								-0.30905	0.37543664	0.214763132								
USP11	NM_004651_bp1134_R	AGCTAAAAAGCCACATGTGTTCAAGAACAATCTTTGAATTGTTCTTGAACACATGTGGCCGG	Hs.171501	3255	-0.1701	0.59289471	0.546537509					0.2163625	0.32939276	0.35059477	0.2408	0.10527463	0.019601971	0.049375	0.45592106	0.842417121		
USP11	NM_004651_bp1134_R	AGCTAAAAAGCCACATGTGTTCAAGAACAATCTTTGAATTGTTCTTGAACACATGTGGCCGG	Hs.171501	8631	-0.333525	0.11299463	0.052622443					0.1024875	0.27532913	0.633757766	0.188825	0.17421409	0.121130467	0.064625	0.48510742	0.807166975		
USP11	NM_004651_bp1134_R	AGCTAAAAAGCCACATGTGTTCAAGAACAATCTTTGAATTGTTCTTGAACACATGTGGCCGG	Hs.171501	14007	-0.369925	0.25637418	0.07225789					0.3399875	0.16427749	0.121680702	0.221525	0.19324774	0.105698541	0.1019	0.55034173	0.735747875		
USP11	NM_004651_bp1403_R	AGCTAAAAAGCCCCCGATTGTGGCAATGTATTCTCTTGAAATACATTGCCACCAATCGGGGCGG	Hs.171501	3253	-0.9426	0.18017231	0.001348205					0.1204375	0.21153138	0.590005167	0.533375	0.59017266	0.168407404	0.29126064	0.02747323	0.028290135		
USP11	NM_004651_bp1403_R	AGCTAAAAAGCCCCCGATTGTGGCAATGTATTCTCTTGAAATACATTGCCACCAATCGGGGCGG	Hs.171501	8629	-0.8274	0.08575233	0.001578446					0.2125375	0.4034063	0.388910437	0.52365	0.48612339	0.120209156	0.629075	0.26806645	0.018290135		
USP11	NM_004651_bp1403_R	AGCTAAAAAGCCCCCGATTGTGGCAATGTATTCTCTTGAAATACATTGCCACCAATCGGGGCGG	Hs.171501	14005	-0.638566667	0.08878579	0.019989866					0.1022125	0.31466707	0.645502073	0.537125	0.49065818	0.116319055	0.607225	0.25600433	0.017767338		
USP11	NM_004651_bp573_R	AGCTAAAAAGGTCGAAGTGTACCCAGTAGATCTCTTGAATCTACTGGGTACACTTCGACCGG	Hs.171501	3257								0.0502			-0.17885	0.21015598	0.187296528	-0.02845	0.2930613	0.858456208		
USP11	NM_004651_bp573_R	AGCTAAAAAGGTCGAAGTGTACCCAGTAGATCTCTTGAATCTACTGGGTACACTTCGACCGG	Hs.171501	8633	-0.160875	0.1618921	0.55792319					-0.0062			-0.269833333	0.04544671	0.009323637	-0.067525	0.22642545	0.592888001		
USP11	NM_004651_bp573_R	AGCTAAAAAGGTCGAAGTGTACCCAGTAGATCTCTTGAATCTACTGGGTACACTTCGACCGG	Hs.171501	14009	0.5591							0.0568			-0.16475	0.24703836	0.274489499	-0.1988	0.2568688	0.219402074		
USP12	AF022789_bp1051_R	AGCTAAAAAGAGGGCCATATATTGCAATAGTCTCTTGAACTATTGCAATATAATGGCCTCGG	Hs.42400	3484	-0.0906625	0.25730425	0.602335994					0.175525	0.19518356	0.397094551								
USP12	AF022789_bp1051_R	AGCTAAAAA

USP16	NM_006447_bp792_R	AGCTAAAAGACTCAGTAATTTGGGAAACATCTCTTGAATGTTTCCCAAATTACTGAGTCGG	Hs.99819	13862	0.717675	0.95047832	0.124645839				0.3733375	0.55961444	0.210102122	1.14915	0.47213655	0.016562137	0.97065	0.26769528	0.005409497
USP18	NM_017414_bp1411_R	AGCTAAAAGGCAGGAAACTGCATATCTTCTCTCTTGAAGAAGATATGCAGTTTCCTGCCGG	Hs.38260	3400	1.0228	0.58228901	0.010060208				0.7553875	0.44220276	0.018768947	0.6614	0.50038337	0.077418566	1.683275	0.53640832	0.008167106
USP18	NM_017414_bp1411_R	AGCTAAAAGGCAGGAAACTGCATATCTTCTCTCTTGAAGAAGATATGCAGTTTCCTGCCGG	Hs.38260	8776	0.972075	0.51209025	0.00920091				0.7709125	0.40094016	0.014662344	0.6117	0.4530975	0.073780971	1.67955	0.58302964	0.010391309
USP18	NM_017414_bp1411_R	AGCTAAAAGGCAGGAAACTGCATATCTTCTCTCTTGAAGAAGATATGCAGTTTCCTGCCGG	Hs.38260	14152	0.9595	0.63756826	0.018213888				0.7997625	0.50454438	0.010928101	0.60125	0.4779582	0.088463072	1.686675	0.51899397	0.007395215
USP18	NM_017414_bp362_R	AGCTAAAAGAGGCAAATCTGTCAGTCCATTCTCTTGAAATGGACTGACAGATTTGCCTCGG	Hs.38260	3398	0.567	0.09076186	0.008181391				0.2129625	1.04967137	0.621847635	0.4955	0.58792014	0.190459145	0.9124	0.39562165	0.019171574
USP18	NM_017414_bp362_R	AGCTAAAAGAGGCAAATCTGTCAGTCCATTCTCTTGAAATGGACTGACAGATTTGCCTCGG	Hs.38260	14150	0.751425	0.7023035	0.054458871				0.1749875	0.66902485	0.575601435	0.6486	0.59358486	0.11676015	0.90895	0.43430839	0.0248549
USP18	NM_017414_bp362_R	AGCTAAAAGAGGCAAATCTGTCAGTCCATTCTCTTGAAATGGACTGACAGATTTGCCTCGG	Hs.38260	8774	1.2217	0.66747585	0.008175982				-0.0151	0.1609375	0.964126169	0.61035	0.62901184	0.147615893	0.842875	0.45641009	0.034432841
USP19	AB020698_bp1360_R	GCTAAAAGTCCAACCCCTCTGGATTCAATCTCTTGAATTGAATCCAGAGGGGTTGGACGG	Hs.255596	3627	0.487225	0.26049328	0.030955566				0.1101	0.17538315	0.660451072								
USP19	AB020698_bp1360_R	GCTAAAAGTCCAACCCCTCTGGATTCAATCTCTTGAATTGAATCCAGAGGGGTTGGACGG	Hs.255596	14379	0.02175	0.05095281	0.874446999				-0.1708375	0.30478943	0.445577289								
USP19	AB020698_bp1360_R	GCTAAAAGTCCAACCCCTCTGGATTCAATCTCTTGAATTGAATCCAGAGGGGTTGGACGG	Hs.255596	9003	0.42755	0.41936555	0.094098249				0.00915	0.22966157	0.971279364								
USP19	AB020698_bp3596_R	GCTAAAAGTGCCCAGCTACGATCTATATCTCTTGAATATAGATCGTAGCTGGGCAGCGG	Hs.255596	3625	-0.749025	0.14059489	0.003061988				-0.1451625	0.07359916	0.455093391								
USP19	AB020698_bp3596_R	GCTAAAAGTGCCCAGCTACGATCTATATCTCTTGAATATAGATCGTAGCTGGGCAGCGG	Hs.255596	9001	-0.672575	0.2320922	0.007863202				-0.1632625	0.23620143	0.441417487								
USP19	AB020698_bp3596_R	GCTAAAAGTGCCCAGCTACGATCTATATCTCTTGAATATAGATCGTAGCTGGGCAGCGG	Hs.255596	14377	-0.6386	0.17168025	0.007016578				-0.1094875	0.27409155	0.979786658								
USP19	AB020698_bp652_R	GCTAAAAGTGTCTTCTATGCTGAGATAATCTCTTGAATTATCTCAGCATAGAGAGACACGG	Hs.255596	3629	0.77675	0.32627466	0.007666343				0.6796125	0.25254775	0.014437082								
USP19	AB020698_bp652_R	GCTAAAAGTGTCTTCTATGCTGAGATAATCTCTTGAATTATCTCAGCATAGAGAGACACGG	Hs.255596	9005	0.794875	0.42286369	0.012390274				0.8469875	0.49259317	0.014303532								
USP19	AB020698_bp652_R	GCTAAAAGTGTCTTCTATGCTGAGATAATCTCTTGAATTATCTCAGCATAGAGAGACACGG	Hs.255596	14381	0.83435	0.32019846	0.005487394				0.8037875	0.28019657	0.007601362								
USP20	NM_006676_bp1560_R	AGCTAAAAGTGGAAACGTTCCAGGACTTATCTCTTGAATAAGTCCTGGAACGTTTCCACGG	Hs.5452	3146	-0.355925	0.36204303	0.120617278				0.0532875	0.25147202	0.799299255	0.007	0.41579661	0.975254984	1.172625	0.5255127	0.02095253
USP20	NM_006676_bp1560_R	AGCTAAAAGTGGAAACGTTCCAGGACTTATCTCTTGAATAAGTCCTGGAACGTTTCCACGG	Hs.5452	8522	-0.40095	0.52539963	0.15664041				0.4922875	0.86345453	0.211354958	0.02905	0.34067387	0.875435269	1.1468	0.56468476	0.026905858
USP20	NM_006676_bp1560_R	AGCTAAAAGTGGAAACGTTCCAGGACTTATCTCTTGAATAAGTCCTGGAACGTTTCCACGG	Hs.5452	13898	-0.223	0.28548487	0.246511988				-0.1190125	0.24817082	0.573602794	0.025825	0.4745002	0.920192728	1.15025	0.53901593	0.023605168
USP20	NM_006676_bp2381_R	AGCTAAAAGCCCCACAAATACCACTACATTCTCTTGAAATGTAGTGGTATTTTGTGGGGCGG	Hs.5452	3120	-0.937525	0.24547974	0.002054342				-0.0775125	0.52634816	0.773860543	-0.3238	0.55926063	0.330695898	0.10795	0.29121829	0.512230588
USP20	NM_006676_bp2381_R	AGCTAAAAGCCCCACAAATACCACTACATTCTCTTGAAATGTAGTGGTATTTTGTGGGGCGG	Hs.5452	8496	-0.920175	0.2146805	0.001842814				-0.3552125	0.31602475	0.143428722	-0.314875	0.64501649	0.400905281	0.23625	0.27165079	0.180351512
USP20	NM_006676_bp2381_R	AGCTAAAAGCCCCACAAATACCACTACATTCTCTTGAAATGTAGTGGTATTTTGTGGGGCGG	Hs.5452	13872	-0.17505	0.60340159	0.54060962				-0.1307625	0.14568872	0.51081056	-0.66875	0.67026652	0.392506584	0.1969				
USP20	NM_006676_bp940_R	AGCTAAAAGGGACTCAGATTCGAGTGACATCTCTTGAATTTCACTCGAATCTGAGTCCCGG	Hs.5452	3148	0.57425	0.1346207	0.009121756				-0.3003875	0.10317301	0.152521941	-0.149725	0.49481003	0.587770215	0.449825	0.20607176	0.022223123
USP20	NM_006676_bp940_R	AGCTAAAAGGGACTCAGATTCGAGTGACATCTCTTGAATTTCACTCGAATCTGAGTCCCGG	Hs.5452	8524	0.3633	0.72295579	0.29111166				-0.3132375	0.07876761	0.153779909	-0.05505	0.41047859	0.805913299	0.517825	0.19342667	0.012745727
USP20	NM_006676_bp940_R	AGCTAAAAGGGACTCAGATTCGAGTGACATCTCTTGAATTTCACTCGAATCTGAGTCCCGG	Hs.5452	13900	0.7176	0.2297813	0.006295283				-0.2867625	0.09234812	0.167546209	-0.0547	0.41225952	0.807917038	0.4859	0.17884776	0.012235384
USP21	NM_012475_bp1186_R	AGCTAAAAGCTCCACCGATACTTGCCAATTCTCTTGAAATTGGCAAGTATCGGTGGAGCGG	Hs.8015	3164	-0.947875	0.48404995	0.053598925				-0.4727	0.02404163	0.201649369	0.155875	0.41118814	0.503470906	0.6079	0.3371314	0.036598808
USP21	NM_012475_bp1186_R	AGCTAAAAGCTCCACCGATACTTGCCAATTCTCTTGAATTGGCAAGTATCGGTGGAGCGG	Hs.8015	13916	-0.77243333	0.17825046	0.013111114				-0.5416	0.03846661	0.155194715	0.341275	0.3796739	0.170066483	0.539775	0.41181967	0.07890535
USP21	NM_012475_bp1186_R	AGCTAAAAGCTCCACCGATACTTGCCAATTCTCTTGAATTGGCAAGTATCGGTGGAGCGG	Hs.8015	8540	-0.801366667	0.27882956	0.016420714				-0.5223			0.3097	0.22822055	0.072915125	0.64555	0.35439086	0.03566288
USP21	NM_012475_bp1252_R	AGCTAAAAGAACCTGAGTTAAGTGATGATTCTCTTGAAATCATCACTTAACTCAGGTTCGG	Hs.8015	3162	1.464	0.49950141	0.00146719				-0.0057875	0.58262541	0.983735041	0.6023	0.34747541	0.040442424	0.7258	0.53246409	0.07217167
USP21	NM_012475_bp1252_R	AGCTAAAAGAACCTGAGTTAAGTGATGATTCTCTTGAAATCATCACTTAACTCAGGTTCGG	Hs.8015	8538	2.4569	1.28130931	0.060851333				0.2878625	0.22185913	0.192118402	0.702075	0.31038689	0.020200945	0.7386	0.37970729	0.030114002
USP21	NM_012475_bp1252_R	AGCTAAAAGAACCTGAGTTAAGTGATGATTCTCTTGAAATCATCACTTAACTCAGGTTCGG	Hs.8015	13914	1.710525	0.75388191	0.003001358				0.7620375	0.37843924	0.014084744	0.614825	0.25689727	0.017340056	0.76585	0.41836484	0.035216605
USP21	NM_012475_bp1864_R	AGCTAAAAGGCTACGTGCTGTTCTACCAATCTCTTGAATTGGTGAGAACAGCACGTAGCCGG	Hs.8015	3166	-1.206075	0.51491618	0.003800612				-0.5837375	0.45120468	0.050308478	0.11695	0.27625018	0.459359882	0.0452	0.64706887	0.897743566
USP21	NM_012475_bp1864_R	AGCTAAAAGGCTACGTGCTGTTCTACCAATCTCTTGAATTGGTGAGAACAGCACGTAGCCGG	Hs.8015	8542	-0.716275	0.32903795	0.010802763				-0.4079625	0.42796485	0.131905156	0.16925	0.30177365	0.34367396	0.021525	0.59489342	0.946865258
USP21	NM_012475_bp1864_R	AGCTAAAAGGCTACGTGCTGTTCTACCAATCTCTTGAATTGGTGAGAACAGCACGTAGCCGG	Hs.8015	13918	-0.7606	1.04521668	0.171385241				-0.5328125	0.53970354	0.086955612	0.141525	0.25849329	0.353554673	0.0262	0.62259859	0.938228246
USP22	NM_042698_bp1812_R	AGCTAAAAGTGCACGCGGTTGCCATAGCTATCTCTTGAATAGCTATGGCAACCGCTGCACGG		9126	-1.060425	0.06984872	0.000478192				0.1984125	0.16348676	0.333865397								
USP22	NM_042698_bp1812_R	AGCTAAAAGTGCACGCGGTTGCCATAGCTATCTCTTGAATAGCTATGGCAACCGCTGCACGG		14502	-0.687475	0.1273703	0.004183298				0.0409625	0.23301912	0.842734639								
USP22	NM_042698_bp2033_R	AGCTAAAAGTGCACAACAATGACAACAAGTTCTCTTGAAACTTGTTGTCATTGTTGAGACGG		3750							-0.3262										
USP22	NM_042698_bp2033_R	AGCTAAAAGTCTCAACAATGACAACAAGTTCTCTTGAAACTTGTTGTCATTGTTGAGACGG		3748	1.48785	0.5005054	0.001372065				0.8878625	0.48363573	0.011255762								
USP22	NM_042698_bp2033_R	AGCTAAAAGTCTCAACAATGACAACAAGTTCTCTTGAAACTTGTTGTCATTGTTGAGACGG		9124	1.855725	0.59375025	0.00088008				1.0492875	0.7196392	0.014480036								
USP22	NM_042698_bp2033_R	AGCTAAAAGTCTCAACAATGACAACAAGTTCTCTTGAAACTTGTTGTCATTGTTGAGACGG		14500	1.7483	0.910061	0.005472219				0.6623375	0.43960687	0.030984182								
USP22	NM_042698_bp2197_R	AGCTAAAAGGGTACTTGCTGTTCTATTCTCTTGAAATGAGAAATACCATCCGCCCCGG		3746	-1.1184	0.0992645	0.000410533				0.3545625	0.20860153	0.117367527								
USP22	NM_042698_bp2197_R	AGCTAAAAGGGTACTTGCTGTTCTATTCTCTTGAAATGAGAAATACCATCCGCCCCGG		9122	-1.0426	0.41077736	0.003767872				0.3157375	0.21068888	0.15535865								
USP22	NM_042698_bp2197_R	AGCTAAAAGAAGGGTACTTGCTGTTCTATTCTCTTGAAATAGAACAGCAAGTACCCTTCGG		14498	-1.181225	0.39871653	0.002014329				0.0975875	0.17820145	0.62688045								
USP24	AL832370_bp3466_R	AGCTAAAAGGCGCGGATCGTGTATTTCTCATCTCTTGAATGAGAAATACACGATCCGCCCCGG	Hs.477009	4024	0.7493						1.2137	0.18876925	0.003557746								
USP24	AL832370_bp3466_R	AGCTAAAAGGCGCGGATCGTGTATTTCTCATCTCTTGAATGAGAAATACACGATCCGCCCCGG	Hs.477009	14776	0.8979						1.0433	0.32463153	0.009247179								
USP24	AL832370_bp3466_R	AGCTAAAAGGCGCGGATCGTGTATTTCTCATCTCTTGAATGAGAAATACACGATCCGCCCCGG	Hs.477009	9400	1.1197						1.273	0.45679098	0.021098578								
USP24	AL832370_bp5578_R	AGCTAAAAGGCAGGAATTGCACAATTAATCTCTTGAATATTGTGCAATTCCTGCTCGG	Hs.477009	4022	0.2956125	0.51085851	0.26577514				0.43265	0.44683185	0.119131195								
USP24	AL832370_bp5578_R	AGCTAAAAGGCAGGAATTGCACAATTAATCTCTTGAATATTGTGCAATTCCTGCTCGG	Hs.477009	9398	0.31988333	0.53096694	0.306450556				-0.0755	0.44430843	0.761923591								
USP24	AL832370_bp5578_R	AGCTAAAAGGCAGGAATTGCACAATTAATCTCTTGAATATTGTGCAATTCCTGCTCGG	Hs.477009	14774	0.199416667	0.71083772	0.582792252				0.086925	0.55538464	0.754253403								
USP25	AB833500_bp1309_R	GCTAAAAACTGCGTAGTTGAGGAACTAATCTCTTGAATTAGTTCTCAACTACGCAGCGG		4154	-0.124425	0.98882233	0.772056184	-0.0927	0.47394631	0.708449024	0.0491	0.37178205	0.859831123								
USP25	AB833500_bp1309_R	GCTAAAAACTGCGTAGTTGAGGAACTAATCTCTTGAATTAGTTCTCAACTACGCAGCGG		9530	-0.1589	0.7347634	0.63233401	-0.1808	0.57076994	0.530678926	-0.1592	1.12514296	0.746522854								
USP25	AB833500_bp1309_R	GCTAAAAACTGCGTAGTTGAGGAACTAATCTCTTGAATTAGTTCTCAACTACGCAGCGG		14906	-0.174575	0.48540637	0.478217616	-0.046533333	0.47915519	0.899057288	0.176433333	0.2534388	0.503724231								
USP25	AB833500_bp3308_R	GCTAAAAGGCCAACTGTTAATGTATTCATCTCTTGAATGAATACATTAACAGTTGGCCGG		4128	-0.438225	0.62843629	0.172089289	0.007875	0.38283222	0.970675175	-0.50533333	0.77541158	0.219790891								
USP25	AB833500_bp3308_R	GCTAAAAGGCCAACTGTTAATGTATTCATCTCTTGAATGAATACATTAACAGTTGGCCGG		9504	-0.392825	0.55209464	0.176162493	0.095175	0.3714984	0.655045973	-0.3522	0.75480257	0.366591754								
USP25	AB833500_bp3308_R	GCTAAAAGGCCAACTGTTAATGTATTCATCTCTTGAATGAATACATTAACAGTTGGCCGG		14880	-0.54715	0.68127948	0.121274898	0.0549	0.67216753	0.864226081	-0.47073333	0.59752443	0.193006315								
USP25	AB833500_bp3963_R	GCTAAAAAGGTTGCAAACTACAGTTTAAATCTCTTGAATTTAAACTGTAGTTTGCAACCGG		4126	-0.8396	0.47475149	0.070139285	-0.7502			-0.1783	1.35749531	0.755036221								
USP25	AB833500_bp3963_R	GCTAAAAAGGTTGCAAACTACAGTTTAAATCTCTTGAATTTAAACTGTAGTTTGCAACCGG		14878	-0.8957	0.41041813	0.019108882	-0.188033333	0.28841682	0.429341308	-0.6584	0.71732884	0.113774938								
USP25	AB833500_bp3963_R	GCTAAAAAGGTTGCAAACTACAGTTTAAATCTCTTGAATTTAAACTGTAGTTTGCAACCGG		9502	-0.6667	0.27443761	0.029239496	-0.177666667	0.42874368	0.525126835	-1.0403										
USP26	BC069073_bp1516_R	GCTAAAAAGCAGAAGAGCTTGAGTATAAATCTCTTGAATTTATACTCAAGCTCTTCTGCGG	Hs.333137	15003	0.27515	0.52394097	0.303980449				-0.3104										
USP26	BC069073_bp1516_R	GCTAAAAAGCAGAAGAGCTTGAGTATAAATCTCTTGAATTTATACTCAAGCTCTTCTGCGG	Hs.333137	4251	0.289375	0.32620647	0.169914856														
USP26	BC069073_bp1516_R	GCTAAAAAGCAGAAGAGCTTGAGTATAAATCTCTTGAATTTATACTCAAGCTCTTCTGCGG	Hs.333137	9627	0.536725	0.57514141	0.09115536														
USP26	BC069073_bp680_R	GCTAAAAGTTCGAGGTGTGTAAGCTATATCTCTTGAATATAGCTTACACACCTCGAACGG	Hs.333137	4255	0.493175	0.47534283	0.079484664	1.38795	0.26943964	0.000723863	-1.46506667	0.9312659	0.015030443								
USP26	BC069073_bp680_R	GCTAAAAGTTCGAGGTGTGTAAGCTATATCTCTTGAATATAGCTTACACACCTCGAACGG	Hs.333137	9631	0.134625	1.04272251	0.763354708	1.477625	0.49038896	0.00230937	-1.60466667	0.46462863	0.002238255								
USP26	BC069073_bp680_R	GCTAAAAGTTCGAGGTGTGTAAGCTATATCTCTTGAATATAGCTTACACACCTCGAACGG	Hs.333137	15007	0.827525	0.415452	0.010130367	1.58685	0.65669007	0.03599133	-1.2172	0.51873354	0.026805382								
USP26	BC069073_bp99_R	GCTAAAAGACTGGGATATCTAAGTCAAATCTCTTGAATTTGACTTAGATATCCCAGTCGG	Hs.333137	4253	0.4334	0.81949026	0.261027665	0.690575	0.51229082	0.042296518	-0.69713333	0.66471652	0.088172906								
USP26	BC069073_bp99_R	GCTAAAAGACTGGGATATCTAAGTCAAATCTCTTGAATTTGACTTAGATATCCCAGTCGG	Hs.333137	9629	0.07565	0.21911073	0.645276865	0.5538	0.27054356	0.026186292	-0.72996667	0.83795092	0.111139337								
USP26	BC069073_bp99_R	GCTAAAAGACTGGGATATCTAAGTCAAATCTCTTGAATTTGACTTAGATATCCCAGTCGG	Hs.333137	15005	0.30995	0.37239582	0.170003089	0.5952	0.41348087	0.042708744	-0.5459	0.64312947	0.153337063								
USP28	NM_020886_bp1235_R	GCTAAAAGCAAGGAGCTTATTCGAAATATCTCTTGAATATTTCGAATAAGCTCCTTTGCGG	Hs.503891	3527	-0.358425	0.38384237	0.128113405				-0.2647875	0.33608902	0.264213805								
USP28	NM_020886_bp1235_R	GCTAAAAGCAAGGAGCTTATTCGAAATATCTCTTGAATATTTCGAATAAGCTCCTTTGCGG	Hs.503891	8963	-0.35135	0.11144212	0.049437922				-0.3259875	0.4614754	0.226457443								
USP28	NM_020886_bp1235_R	GCTAAAAGCAAGGAGCTTATTCGAAATATCTCTTGAATATTTCGAATAAGCTCCTTTGCGG	Hs.503891	14279	-0.3103	0.24400416	0.110125471				-0.3393375	0.33028347	0.163559194								
USP28	NM_020886_bp2079_R	GCTAAAAAGGAGGATAACTGGCGGTTGATCTCTTGAATCAAACCGCCAGTTATCCTCCGG	Hs.503891	8929	0.38275	0.46432479	0.144051815				-0.42356667	0.25172146	0.143522275								
USP28	NM_020886_bp2079_R	GCTAAAAAGGAGGATAACTGGCGGTTGATCTCTTGAATCAAACCGCCAGTTATCCTCCGG	Hs.503891	14305	0.296625	0.33317982	0.164924871				-0.1959875	0.37482542	0.413768365								
USP28	NM_020886_bp2079_R	GCTAAAAGGAGGATAACTGGCGGTTGATCTCTTGAATCAAACCGCCAGTTATCCTCCGG	Hs.503891	3553	0.13525	0.18362508	0.401218335				0.028983333	0.53631133	0.926502217								
USP28	NM_020886_bp2990_R	GCTAAAAGCATTCACCTTATCATTAATATCTCTTGAATATTAATGATAAGGTGAATGCGG	Hs.503891	3555	0.6165	0.63015573	0.075579556				1.1505375	0.6157701	0.007624834								
USP28	NM_020886_bp2990_R	GCTAAAAGCATTCACCTTATCATTAATATCTCTTGAATATTAATGATAAGGTGAATGCGG	Hs.503891	8931	0.74305	0.52136904	0.026671707				0.7439375	1.17006477	0.147431328								
USP28	NM_020886_bp2990_R	GCTAAAAGCATTCACCTTATCATTAATATCTCTTGAATATTAATGATAAGGTGAATGCGG	Hs.503891	14307	0.2086	0.30905955	0.289243807				1.0620875	0.57960653	0.007674922								
USP29	AF229438_bp2583_R	GCTAAAAGCAGGGCCTGGTTCACATACAATCTCTTGAATTGTATGTGAACCAGGCCTGCGG	Hs.515632	3634	0.6848875	0.80204896	0.096099828				0.86345	0.77946639	0.038197135								
USP29	AF229438_bp2583_R	GCTAAAAGCAGGGCCTGGTTCACATACAATCTCTTGAATTGTATGTGAACCAGGCCTGCGG	Hs.515632	9010	0.5081125	0.71202444	0.155523882				1.08125	0.36085604	0.002574101								
USP29	AF229438_bp2583_R	GCTAAAAGCAGGGCCTGGTTCACATACAATCTCTTGAATTGTATGTGAACCAGGCCTGCGG	Hs.515632	14386	0.8239625	0.85896814	0.068599463				0.753775	0.38701491	0.015251134								
USP29	AF229438_bp2649_R	GCTAAAAGAGGCTTCACTCTGGGTGATATCTCTTGAAATATACCCAGAGTGAAGCCTCGG	Hs.515632	3632	0.402116667	0.421214	0.168017601				1.501025	0.56575278	0.001314998								
USP29	AF229438_bp2649_R	GCTAAAAGAGGCTTCACTCTGGGTGATATCTCTTGAAATATACCCAGAGTGAAGCCTCGG	Hs.515632	9008	0.9930375	0.79595744	0.03087421				0.834375	0.16293574	0.004341416								
USP29	AF229438_bp2649_R	GCTAAAAGAGGCTTCACTCTGGGTGATATCTCTTGAAATATACCCAGAGTGAAGCCTCGG	Hs.515632	14384	0.462216667	0.20774819	0.068698156				0.7074	0.4509586	0.025168051								
USP29	AF229438_bp621_R	GCTAAAAGACAGATTCCTTGAAATATATCTCTTGAATAATATTCAAGGAATCTGTCGG	Hs.515632	3636	0.4628625	0.55733884	0.124708139				0.60655	0.42389184	0.040326893								
USP29	AF229438_bp621_R	GCTAAAAGACAGATTCCTTGAAATATATCTCTTGAATAATATTTCAAGGAATCTGTCGG	Hs.515632	9012	0.1110625	0.2998265	0.550593463				0.596075	0.41717467	0.041909664								
USP29	AF229438_bp621_R	GCTAAAAGACAGATTCCTTGAAATATATCTCTTGAATAATATTTCAAGGAATCTGTCGG	Hs.515632	14388	0.07135	0.3596347	0.76403559				0.659475	0.49633865	0.040345143								
USP3	BX647760_bp2310_R	GCTAAAAGTCCTGCAAATACAAGAATTATCTCTTGAATAATTCTTGTATTTGCAGGAGCGG	Hs.593497	4500	0.3333	0.54663129	0.236221136	0.2595	0.29539051	0.208050038	0.7736	1.00496299	0.130185099								
USP3	BX647760_bp2310_R	GCTAAAAGTCCTGCAAATACAAGAATTATCTCTTGAATAATTCTTGTATTTGCAGGAGCGG	Hs.593497	9876	0.56095	0.61293346	0.092165784	0.0821	0.42350043	0.761733009	0.764666667	0.8133298	0.094007227								
USP3	BX647760_bp2310_R	GCTAAAAGTCCTGCAAATACAAGAATTATCTCTTGAATAATTCTTGTATTTGCAGGAGCGG	Hs.593497	15252	0.589225	0.40005308	0.032801765	-0.0693	0.70930774	0.836561122	1.182433333	0.63404153	0.014158647								
USP3	BX647760_bp4018_R	GCTAAAAAGGGAGATGTGTGCTTAAATTATCTCTTGAATGAATTTAAGCACACATTCTCCCGG	Hs.593497	4498	-0.57475	0.53412065	0.064702843	-0.631833333	0.57458076	0.114868954	0.8529	0.30811577	0.019443376								
USP3	BX647760_bp4018_R	GCTAAAAAGGGAGATGTGTGCTTAAATTATCTCTTGAATGAATTTAAGCACACATTCTCCCGG	Hs.593497	9874	-0.616775	0.46543308	0.038629986	-0.310525	0.76077442	0.402751891	0.931266667	0.19980314	0.011016237								
USP3	BX647760_bp4018_R	GCTAAAAAGGGAGATGTGTGCTTAAATTATCTCTTGAATGAATTTAAGCACACATTCTCCCGG	Hs.593497	15250	-0.50835	0.43556785	0.061926203	-0.461725	0.58961097	0.15826588	0.8229	0.32618998	0.023137008								
USP3	BX647760_bp4978_R	GCTAAAAGGGGCATATTTATTTCTTAAATCTCTTGAATTTAAGAAATAAATATGCCCCGG	Hs.593497	4496	-0.3493	0.45099011	0.168377664	-0.6219	0.2056031	0.013232846	-0.0301	0.53061548	0.923341279								
USP3	BX647760_bp4978_R	GCTAAAAGGGGCATATTTATTTCTTAAATCTCTTGAATTTAAGAAATAAATATGCCCCGG	Hs.593497	9872	-0.288533333	0.26534657	0.220131529	-0.74035	0.30133641	0.011136227	0.0432	0.3866628	0.877756576								
USP3	BX647760_bp4978_R	GCTAAAAGGGGCATATTTATTTCTTAAATCTCTTGAATTTAAGAAATAAATATGCCCCGG	Hs.593497	15248	-0.808233333	0.55499029	0.044989655	-0.8211			-0.36233333	1.56529204	0.578223339								
USP30	AL834278_bp12_R	GCTAAAAGTGGGTTCATTTCAGCAGGTATCTCTTGAATACCTCGCTGAAATGAACCCACGG	Hs.486434	4172	0.794025	1.01457202	0.112429234	0.258075	0.5434962	0.365737298	0.0344	1.15098776	0.944986276								
USP30	AL834278_bp12_R	GCTAAAAGTGGGTTCATTTCAGCAGGTATCTCTTGAATACCTCGCTGAAATGAACCCACGG	Hs.486434	9548	0.85965	0.91111762	0.070432625	-0.139325	0.21784207	0.419044838	-0.5757	0.31812226	0.072649432								
USP30	AL834278_bp12_R	GCTAAAAGTGGGTTCATTTCAGCAGGTATCTCTTGAATACCTCGCTGAAATGAACCCACGG	Hs.486434	14924	0.931033333	0.87645757	0.07729901	-0.089475	0.34952675	0.663557153	-0.52543333	0.23452796	0.081861589								
USP30	AL834278_bp2597_R	GCTAAAAGGCTGAGCCTTGGAATATATTCTCTTGAATAATATTCCAAGGCTCAGCCCGG	Hs.486434	4168	1.297825	1.03279327	0.026994153	0.16315	0.5069236	0.536367031	-0.63603333	1.35585422	0.291682296								
USP30	AL834278_bp2597_R	GCTAAAAGGCTGAGCCTTGGAATATATTCTCTTGAATAATATTCCAAGGCTCAGCCCGG	Hs.486434	9544	1.308475	1.00940323	0.023676255	0.347425	0.42379428	0.176803021	-0.6456333	1.14149372	0.228344164								
USP30	AL834278_bp2597_R	GCTAAAAGGCTGAGCCTTGGAATATATTCTCTTGAATAATATTCCAAGGCTCAGCCCGG	Hs.486434	14920	1.56415	1.04941187	0.014310295	0.29295	0.17525147	0.110240709	-0.43443333	1.03093306	0.365059513								
USP30	AL834278_bp43_R	GCTAAAAGCCAATTGTGTGCCGCTATAATCTCTTGAATTATGCGGGCACACAATTGGCGG	Hs.486434	4170	0.2638	0.63304178	0.384286984	0.598525	0.28543624	0.021777504	0.5049	0.67140673	0.188780989								
USP30	AL834278_bp43_R	GCTAAAAGCCAATTGTGTGCCGCTATAATCTCTTGAATTATGCGGGCACACAATTGGCGG	Hs.486434	9546

USP35	AB037793_bp1434_R	AGCTAAAAGGCACAAGGATCTGCCAGAAATCTCTTGAATTCTTGGCAGATCCTTGTGCCGG	Hs.531249	3725	0.7845	0.29629481	0.006118316							-0.0522375	0.10377343	0.785680018						
USP35	AB037793_bp1434_R	AGCTAAAAGGCACAAGGATCTGCCAGAAATCTCTTGAATTCTTGGCAGATCCTTGTGCCGG	Hs.531249	9101	0.955075	0.40690219	0.005345086							0.152716667	0.27179292	0.564384045						
USP35	AB037793_bp1434_R	AGCTAAAAGGCACAAGGATCTGCCAGAAATCTCTTGAATTCTTGGCAGATCCTTGTGCCGG	Hs.531249	14477	1.02285	0.31291614	0.00216547							-0.0841125	0.42571725	0.731445512						
USP35	AB037793_bp2776_R	AGCTAAAAGGAGGGGGCTTTGATGAAGACATCTCTTGAATGTCTTCATCAAAGCCCCTCCGG	Hs.531249	3727	0.095975	0.35697247	0.63339657							0.0749625	0.18874571	0.709449844						
USP35	AB037793_bp2776_R	AGCTAAAAGGAGGGGGCTTTGATGAAGACATCTCTTGAATGTCTTCATCAAAGCCCCTCCGG	Hs.531249	9103	0.172725	0.34971546	0.398190891							0.3035375	0.21984565	0.171692529						
USP35	AB037793_bp2776_R	AGCTAAAAGGAGGGGGCTTTGATGAAGACATCTCTTGAATGTCTTCATCAAAGCCCCTCCGG	Hs.531249	14479	-0.013725	0.29352734	0.939509771							0.2318875	0.22264313	0.281730922						
USP36	AB040886_bp3288_R	AGCTAAAAGTCCAGGAACTGCTCAAATACTCTCTTGAAGTATTTGAGCAGTTCCTGGACGG	Hs.464243	3743	0.448425	0.50254171	0.112591663							-0.5494375	0.15798461	0.026358418						
USP36	AB040886_bp3288_R	AGCTAAAAGTCCAGGAACTGCTCAAATACTCTCTTGAAGTATTTGAGCAGTTCCTGGACGG	Hs.464243	9119	0.315075	0.5980936	0.287639753							-0.5378375	0.13901852	0.027538508						
USP36	AB040886_bp3288_R	AGCTAAAAGTCCAGGAACTGCTCAAATACTCTCTTGAAGTATTTGAGCAGTTCCTGGACGG	Hs.464243	14495	0.4736	0.6975769	0.174041371							-0.4752375	0.15059341	0.044042359						
USP36	AB040886_bp374_R	AGCTAAAAGCTGGAGGCCTTAAAGAGCAATCTCTTGAATTGCTCTTTAAGGCCTCCAGCGG	Hs.464243	3741	-0.43475	0.49931554	0.120106343							-0.0254875	0.13854314	0.895766344						
USP36	AB040886_bp374_R	AGCTAAAAGCTGGAGGCCTTAAAGAGCAATCTCTTGAATTGCTCTTTAAGGCCTCCAGCGG	Hs.464243	9117	0.129825	0.70636174	0.685323971							0.2398375	0.55865639	0.40193129						
USP36	AB040886_bp374_R	AGCTAAAAGCTGGAGGCCTTAAAGAGCAATCTCTTGAATTGCTCTTTAAGGCCTCCAGCGG	Hs.464243	14493	0.070675	0.6377761	0.809727201							0.3987625	0.5532564	0.182183686						
USP36	AB040886_bp927_R	AGCTAAAAGCTACTACCTTGGTCCATCAATCTCTTGAATTGATGGACCAAGGTAGTAGCGG	Hs.464243	3739	-0.13755	0.34805682	0.494169992							0.3133125	0.25421943	0.169421041						
USP36	AB040886_bp927_R	AGCTAAAAGCTACTACCTTGGTCCATCAATCTCTTGAATTGATGGACCAAGGTAGTAGCGG	Hs.464243	9115	-0.01945	0.45453229	0.932425852							0.4044625	0.50553041	0.160070877						
USP36	AB040886_bp927_R	AGCTAAAAGCTACTACCTTGGTCCATCAATCTCTTGAATTGATGGACCAAGGTAGTAGCGG	Hs.464243	14491	0.05135	0.18768466	0.743199559							0.2538625	0.83463535	0.487828784						
USP37	BX538024_bp1969_R	AGCTAAAAGGCCGAAGAACTGGAGTATTCTTCTCTTGAAAGAATACTCCAGTTCTTCGGCGG	Hs.166068	4302	0.369525	0.59963872	0.222542418	-0.299725	0.09544522	0.082807756				-0.1322	0.34856232	0.633631592						
USP37	BX538024_bp1969_R	AGCTAAAAGGCCGAAGAACTGGAGTATTCTTCTCTTGAAAGAATACTCCAGTTCTTCGGCGG	Hs.166068	9678	-0.026875	0.68293183	0.930714723	0.36085	0.95985371	0.426066451				-0.0128	0.63673096	0.96999743						
USP37	BX538024_bp1969_R	AGCTAAAAGGCCGAAGAACTGGAGTATTCTTCTCTTGAAAGAATACTCCAGTTCTTCGGCGG	Hs.166068	15054	0.29955	0.39612487	0.195161605	-0.423425	0.51475328	0.153184609				-0.17353333	0.55865719	0.592864039						
USP37	BX538024_bp2048_R	AGCTAAAAGGGTCCTCATTCTCCATTTGATCTCTTGAATCAAATGGAGAATGAGGACCCGG	Hs.166068	4298	0.006533333	0.70158602	0.985194323	0.474125	0.61584852	0.16080083	0.191066667			0.32419954	0.488513382							
USP37	BX538024_bp2048_R	AGCTAAAAGGGTCCTCATTCTCCATTTGATCTCTTGAATCAAATGGAGAATGAGGACCCGG	Hs.166068	9674	-0.12125	0.80071037	0.732558425	0.900833333	0.47552283	0.034556958	-0.04053333			0.86649403	0.920678987							
USP37	BX538024_bp2048_R	AGCTAAAAGGGTCCTCATTCTCCATTTGATCTCTTGAATCAAATGGAGAATGAGGACCCGG	Hs.166068	15050	-0.21045	0.72051162	0.52362645	1.020475	0.4959185	0.010213491				0.1715	0.88261068	0.714971428						
USP37	BX538024_bp2366_R	AGCTAAAGCCAGAGACTTTGTGAAATGTTCTCTTGAAACATTTCACAAAGTCTCTGGCGG	Hs.166068	4300	-0.243575	0.35959704	0.255679168	0.0285	0.51556852	0.913086553				0.2219	1.14190751	0.657565774						
USP37	BX538024_bp2366_R	AGCTAAAGCCAGAGACTTTGTGAAATGTTCTCTTGAAACATTTCACAAAGTCTCTGGCGG	Hs.166068	9676	-0.26035	0.42747698	0.269666168	0.071725	0.1935207	0.657611494				0.1183	0.38635514	0.676002602						
USP37	BX538024_bp2366_R	AGCTAAAGCCAGAGACTTTGTGAAATGTTCTCTTGAAACATTTCACAAAGTCTCTGGCGG	Hs.166068	15052	-0.3578	0.24350097	0.0753963	0.065125	0.50938966	0.801955898				-0.33803333	0.52613703	0.305355693						
USP38	NM_032557_bp1692_R	AGCTAAAAGAACCTATTCTGGAGGCAATATCTCTTGAATATTGCCTCCAGAATAGGTTCGG	Hs.480848	3715	0.993425	0.46420244	0.006407773							1.7833375	0.51201076	0.000393974						
USP38	NM_032557_bp1692_R	AGCTAAAAGAACCTATTCTGGAGGCAATATCTCTTGAATATTGCCTCCAGAATAGGTTCGG	Hs.480848	9091	0.980825	0.6179191	0.015295587							1.434433333	0.99492409	0.019401142						
USP38	NM_032557_bp1692_R	AGCTAAAAGAACCTATTCTGGAGGCAATATCTCTTGAATATTGCCTCCAGAATAGGTTCGG	Hs.480848	14467	1.291425	0.79629074	0.011725298							0.860325	0.01983435	0.049280148						
USP38	NM_032557_bp1901_R	AGCTAAAAGGCCACAGATTCAGGAGACATCTCTTGAATGTCTCCTGAAATCTGTGGCCGG	Hs.480848	3717	-1.259525	0.2039271	0.000404767							-0.3522375	0.29337083	0.139797562						
USP38	NM_032557_bp1901_R	AGCTAAAAGGCCACAGATTCAGGAGACATCTCTTGAATGTCTCCTGAAATCTGTGGCCGG	Hs.480848	9093	-1.2623	0.34902337	0.004460654							-0.3871375	0.2543247	0.101770577						
USP38	NM_032557_bp1901_R	AGCTAAAAGGCCACAGATTCAGGAGACATCTCTTGAATGTCTCCTGAAATCTGTGGCCGG	Hs.480848	14469	-1.045475	0.26341959	0.001412984							-0.5411375	0.14158223	0.027035141						
USP38	NM_032557_bp2248_R	AGCTAAAAGTGAGAAGACTTTAATAGAAATCTCTTGAATTTCTATTAAAGTCTTTCTCACGG	Hs.480848	3713	-1.245425	0.41029065	0.001714592							-0.3717125	0.26075858	0.114734493						
USP38	NM_032557_bp2248_R	AGCTAAAAGTGAGAAGACTTTAATAGAAATCTCTTGAATTTCTATTAAAGTCTTTCTCACGG	Hs.480848	9089	-1.0133	0.22653787	0.001228809							-0.1049625	0.63494864	0.726505904						
USP38	NM_032557_bp2248_R	AGCTAAAAGTGAGAAGACTTTAATAGAAATCTCTTGAATTTCTATTAAAGTCTTTCTCACGG	Hs.480848	14465	-1.038225	0.33567687	0.002359026							-0.2004625	0.43262975	0.42746137						
USP39	AK057698_bp2827_R	AGCTAAAAGCCAGTAACTTCGCTCTGTTATCTCTTGAATAACAGAGCGAAGTTACTGGCGG	Hs.469173	4041	2.4640125	1.0685723	0.002311772							1.713325	0.26579416	0.00013898						
USP39	AK057698_bp2827_R	AGCTAAAAGCCAGTAACTTCGCTCTGTTATCTCTTGAATAACAGAGCGAAGTTACTGGCGG	Hs.469173	9417	2.45073375	1.11710253	0.002832183							1.71035	0.24281687	0.000126874						
USP39	AK057698_bp2827_R	AGCTAAAAGCCAGTAACTTCGCTCTGTTATCTCTTGAATAACAGAGCGAAGTTACTGGCGG	Hs.469173	14793	2.5038625	1.08704886	0.002307609							1.7787	0.28266698	0.000121417						
USP39	AK057698_bp374_R	AGCTAAAAGCCTCTGTCTTAATCTAGAAATCTCTTGAATTTCTAGATTAAGACAGAGGCGG	Hs.469173	4039	-0.99595	0.4363556	0.042982315							-0.607325	0.31467789	0.027810223						
USP39	AK057698_bp374_R	AGCTAAAAGCCTCTGTCTTAATCTAGAAATCTCTTGAATTTCTAGATTAAGACAGAGGCGG	Hs.469173	9415	-0.9345	0.56016999	0.064804008							-0.61705	0.29994567	0.024930996						
USP39	AK057698_bp374_R	AGCTAAAAGCCTCTGTCTTAATCTAGAAATCTCTTGAATTTCTAGATTAAGACAGAGGCGG	Hs.469173	14791	-1.3207									-0.54625	0.31654159	0.041169365						
USP39	AK057698_bp834_R	AGCTAAAAGCCAGGAATGTCCATATTTAGTCTCTTGAACTAAATATGGACATTCCTGGCGG	Hs.469173	4043	-0.1415625	1.20965373	0.782195095							-0.488775	0.34790377	0.06516782						
USP39	AK057698_bp834_R	AGCTAAAAGCCAGGAATGTCCATATTTAGTCTCTTGAACTAAATATGGACATTCCTGGCGG	Hs.469173	9419	-0.8263125	0.250131	0.003684007							-0.717925	0.45675879	0.024290203						
USP39	AK057698_bp834_R	AGCTAAAAGCCAGGAATGTCCATATTTAGTCTCTTGAACTAAATATGGACATTCCTGGCGG	Hs.469173	14795	-0.7999125	0.35408837	0.008057102							-1.048125	0.55701279	0.007377529						
USP4	NM_003363_bp151_R	AGCTAAAAGGCGCAGTGGTATCTTATTGATCTCTTGAATCAATAAGATACCACTGCGCCGG	Hs.77500	3145	-0.8198	0.07730688	0.001603							-0.947325	0.80268566	0.029354612						
USP4	NM_003363_bp151_R	AGCTAAAAGGCGCAGTGGTATCTTATTGATCTCTTGAATCAATAAGATACCACTGCGCCGG	Hs.77500	8521	-0.800425	0.09894259	0.001917468							-0.948325	0.78497211	0.027551344						
USP4	NM_003363_bp151_R	AGCTAAAAGGCGCAGTGGTATCTTATTGATCTCTTGAATCAATAAGATACCACTGCGCCGG	Hs.77500	13897	-0.744175	0.14523017	0.00321958							-0.903225	0.82007703	0.036981954						
USP4	NM_003363_bp931_R	AGCTAAAAGCCACCATCCTCTCTATATACATCTCTTGAATGTATATGAGAGGATGGTGGCGG	Hs.77500	3147	1.89715	0.29930355	0.000109239							2.3988	1.05277476	0.001057668						
USP4	NM_003363_bp931_R	AGCTAAAAGCCACCATCCTCTCTATATACATCTCTTGAATGTATATGAGAGGATGGTGGCGG	Hs.77500	8523	1.88465	0.28360884	0.000100783							2.4881	0.97189416	0.000619508						
USP4	NM_003363_bp931_R	AGCTAAAAGCCACCATCCTCTCTATATACATCTCTTGAATGTATATGAGAGGATGGTGGCGG	Hs.77500	13899	1.910625	0.29425562	0.000101794							2.44305	1.02870746	0.000869819						
USP40	AJ583821_bp3495_R	AGCTAAAAGGCCGTATTACCTGAAAGATCTCTTGAATCTTTCAAGTAATACCGGTGCCCGG	Hs.96513	3836	0.3736625	0.29629062	0.082731785							0.7122	0.16572759	0.009124522						
USP40	AJ583821_bp3495_R	AGCTAAAAGGCCGTATTACCTGAAAGATCTCTTGAATCTTTCAAGTAATACCGGTGCCCGG	Hs.96513	9212	0.4590375	0.25318669	0.036544441							0.89135	0.2560713	0.004280093						
USP40	AJ583821_bp3495_R	AGCTAAAAGGCCGTATTACCTGAAAGATCTCTTGAATCTTTCAAGTAATACCGGTGCCCGG	Hs.96513	14588	0.4806875	0.67052292	0.157917376							0.704775	0.20148982	0.010539057						
USP40	AJ583821_bp404_R	AGCTAAAAGGACCAGTAATGAGGAAATGATCTCTTGAATCATTTCCTCATTACTGGTTCCGG	Hs.96513	3834	-0.0332625	0.69886528	0.915901324							0.03875	0.55764667	0.888879183						
USP40	AJ583821_bp404_R	AGCTAAAAGGACCAGTAATGAGGAAATGATCTCTTGAATCATTTCCTCATTACTGGTTCCGG	Hs.96513	9210	0.0934125	0.61675586	0.74457386							-0.0686	0.45760038	0.785644615						
USP40	AJ583821_bp404_R	AGCTAAAAGGACCAGTAATGAGGAAATGATCTCTTGAATCATTTCCTCATTACTGGTTCCGG	Hs.96513	14586	0.0032625	0.63643769	0.991089404							0.02715	0.41856465	0.910778301						
USP40	AJ583821_bp947_R	AGCTAAAAGCCATTACCATGTATATATTATCTCTTGAATAATATATACATGTAATGGCGGG	Hs.96513	3832	-0.5569625	0.56079529	0.078336112							0.022275	0.39539093	0.925114158						
USP40	AJ583821_bp947_R	AGCTAAAAGCCATTACCATGTATATATTATCTCTTGAATAATATATACATGTAATGGCGGG	Hs.96513	9208	-0.5610125	0.43752993	0.046140727							0.0121	0.41508484	0.96001987						
USP40	AJ583821_bp947_R	AGCTAAAAGCCATTACCATGTATATATTATCTCTTGAATAATATATACATGTAATGGCGGG	Hs.96513	14584	-0.4373875	0.57651577	0.150251937							-0.006325	0.36306527	0.978049492						
USP41	XM_036729_bp115_R	AGCTAAAGGCTCATCAGTGTCACTCTGTTCTCTTGAAACGAGGTGACACTGATGAGCCGG		3712	0.1382	1.15108876	0.777539048							0.013875	0.82207553	0.968736917						
USP41	XM_036729_bp115_R	AGCTAAAGGCTCATCAGTGTCACTCTGTTCTCTTGAAACGAGGTGACACTGATGAGCCGG		9088	-0.247625	0.78202077	0.4853166							-0.2097625	0.42603057	0.404296087						
USP41	XM_036729_bp115_R	AGCTAAAGGCTCATCAGTGTCACTCTGTTCTCTTGAAACGAGGTGACACTGATGAGCCGG		14464	0.186125	0.73939477	0.576820542							0.0653375	0.82619159	0.854428933						
USP41	XM_036729_bp439_R	AGCTAAAAGTGCCCCTGTTTGTCCAACATTCTCTTGAAATGTTGGACAAACAGGGGCACGG		3710	2.50115	1.09313669	0.002371799							1.4216875	0.43054687	0.000876701						
USP41	XM_036729_bp439_R	AGCTAAAAGTGCCCCTGTTTGTCCAACATTCTCTTGAAATGTTGGACAAACAGGGGCACGG		9086	2.43205	0.34632354	4.59E-05							0.8109875	0.54800687	0.02132117						
USP41	XM_036729_bp439_R	AGCTAAAAGTGCCCCTGTTTGTCCAACATTCTCTTGAAATGTTGGACAAACAGGGGCACGG		14462	2.3765	0.53416222	0.000189448							0.9482125	0.08130807	0.001929033						
USP41	XM_036729_bp48_R	AGCTAAAAGGTCCAGTTGTGGCTGTGTGTTCTCTTGAAACACACAGCCACAACTGGACCGG		3714	0.327633333	0.24895283	0.168449859							-0.12903333	0.25653277	0.621629015						
USP41	XM_036729_bp48_R	AGCTAAAAGGTCCAGTTGTGGCTGTGTGTTCTCTTGAAACACACAGCCACAACTGGACCGG		9090	-0.204766667	0.04719175	0.28961621							0.0973								
USP41	XM_036729_bp48_R	AGCTAAAAGGTCCAGTTGTGGCTGTGTGTTCTCTTGAAACACACAGCCACAACTGGACCGG		14466	-0.245233333	0.08975888	0.224252215							0.1608								
USP42	XM_374396_bp1147_R	AGCTAAAAGATCCATATCTTGATATAACATCTCTTGAATGTTATATCAAGATATGGATCGG	Hs.31856	3491										-3.26045								
USP42	XM_374396_bp1147_R	AGCTAAAAGATCCATATCTTGATATAACATCTCTTGAATGTTATATCAAGATATGGATCGG	Hs.31856	8867										-3.30045								
USP42	XM_374396_bp1147_R	AGCTAAAAGATCCATATCTTGATATAACATCTCTTGAATGTTATATCAAGATATGGATCGG	Hs.31856	14243										-3.47155								
USP42	XM_374396_bp4162_R	AGCTAAAAGTCGGACCTTTCCGTGAGAAATCTCTTGAATTTCTCCACGGAAAGGTCCGACGG	Hs.31856	3487	-1.18045	0.87895334	0.022689548							-0.3440375	0.26624477	0.140246443						
USP42	XM_374396_bp4162_R	AGCTAAAAGTCGGACCTTTCCGTGAGAAATCTCTTGAATTTCTCCACGGAAAGGTCCGACGG	Hs.31856	8863	-1.4989	0.4919299	0.001256768							-0.2954875	0.32376371	0.213999706						
USP42	XM_374396_bp4162_R	AGCTAAAAGTCGGACCTTTCCGTGAGAAATCTCTTGAATTTCTCCACGGAAAGGTCCGACGG	Hs.31856	14239	-1.190575	0.62117728	0.007208234							-0.2920125	0.42391253	0.257250334						
USP42	XM_374396_bp896_R	AGCTAAAAGGGACGTTATTAAACCAATGTTCTCTTGAAACATTGGTTTAATAACGTCCCGG	Hs.31856	3489	-0.285625	0.16607218	0.104650451							0.2728875	0.75634928	0.427134296						
USP42	XM_374396_bp896_R	AGCTAAAAGGGACGTTATTAAACCAATGTTCTCTTGAAACATTGGTTTAATAACGTCCCGG	Hs.31856	8865	-0.244875	0.24514417	0.187056476							0.6432375	0.1362784	0.010380652						
USP42	XM_374396_bp896_R	AGCTAAAAGGGACGTTATTAAACCAATGTTCTCTTGAAACATTGGTTTAATAACGTCCCGG	Hs.31856	14241	0.156075	0.40615722	0.477531599							0.4832125	0.13912709	0.004233432						
USP43	BX648526_bp1460_R	AGCTAAAAGGGGCTTATATCCTGTTCTATTCTCTTGAATGAACAGGGATATAAGCCCCGG	Hs.232270	4586	-0.8223	0.4308408	0.011351181	-0.250225	0.21468272	0.176093198				0.1603	0.45741206	0.593135656						
USP43	BX648526_bp1460_R	AGCTAAAAGGGGCTTATATCCTGTTCTATTCTCTTGAATGAACAGGGATATAAGCCCCGG	Hs.232270	9962	-0.7424	0.63668376	0.044228585	-0.140875	0.33048856	0.488159499	0.073633333			0.66768003	0.833064375							
USP43	BX648526_bp1460_R	AGCTAAAAGGGGCTTATATCCTGTTCTATTCTCTTGAATGAACAGGGATATAAGCCCCGG	Hs.232270	15338	-1.02375	1.11899648	0.139464277	-0.1819			0.145566667			0.7662893	0.701401899							
USP43	BX648526_bp2983_R	AGCTAAAAGGGTCAGTATTACCAGTTTCATCTCTTGAATGAAACTGGTAATACTGACCCCG	Hs.232270	4588	0.461975	0.54520919	0.120561742	-0.8145	0.17463728	0.003693501	-0.44516667			1.08498005	0.370931362							
USP43	BX648526_bp2983_R	AGCTAAAAGGGTCAGTATTACCAGTTTCATCTCTTGAATGAAACTGGTAATACTGACCCCG	Hs.232270	9964	0.58735	0.24460797	0.014425725	-0.935925	0.41880937	0.009210462	-0.2393			1.07553975	0.617930804							
USP43	BX648526_bp2983_R	AGCTAAAAGGGTCAGTATTACCAGTTTCATCTCTTGAATGAAACTGGTAATACTGACCCCG	Hs.232270	15340	0.277225	0.62772906	0.359594766	-0.9155	0.70965237	0.124228812	-0.25506667			1.13896919	0.610868315							
USP43	BX648526_bp871_R	AGCTAAAAGTGGGATAGCTCTGTCAAGGATCTCTTGAATCCTTGACACGAGACTATCCACAGG	Hs.232270	4590	0.635875	0.33867813	0.018051189	0.045466667	0.49236599	0.877084573	0.2892			1.37178716	0.63893876							
USP43	BX648526_bp871_R	AGCTAAAAGTGGGATAGCTCTGTCAAGGATCTCTTGAATCCTTGACACGAGACTATCCACAGG	Hs.232270	9966	0.5624	0.22678975	0.041842574	-0.11295	0.36302222	0.59303047	-0.24515			1.22916372	0.667478881							
USP43	BX648526_bp871_R	AGCTAAAAGTGGGATAGCTCTGTCAAGGATCTCTTGAATCCTTGACACGAGACTATCCACAGG	Hs.232270	15342	0.497775	0.79627723	0.196101355	-0.108775	0.56865543	0.700958574	-0.09285			1.10952125	0.860744016							
USP44	AK027434_bp499_R	AGCTAAAAGTCGCCAATCTCTGCTTCAAATCTCTTGAATTTGAAGCAGAGATTGGGCACGG	Hs.506394	3949	0.5359125	0.37820383	0.004409047							0.553175	0.46581959	0.062687091						
USP44	AK027434_bp499_R	AGCTAAAAGTCGCCAATCTCTGCTTCAAATCTCTTGAATTTGAAGCAGAGATTGGGCACGG	Hs.506394	9325	0.6758625	0.41203283	0.021527208							0.234475	0.60693843	0.432385695						
USP44	AK027434_bp499_R	AGCTAAAAGTCGCCAATCTCTGCTTCAAATCTCTTGAATTTGAAGCAGAGATTGGGCACGG	Hs.506394	14701	0.5228875	0.31061262	0.031303321							0.508575	0.44540333	0.076295365						
USP44	AK027434_bp748_R	AGCTAAAAGCTCGCTCAGTCGACCATAATTCTCTTGAATTATGGTCGACTGAGCGAGCGG	Hs.506394	3947	-0.2886125	0.41017068	0.217351929				-0.15565			0.11574416	0.431213118							
USP44	AK027434_bp748_R	AGCTAAAAGCTCGCTCAGTCGACCATAATTCTCTTGAATTATGGTCGACTGAGCGAGCGG	Hs.506394	9323	-0.2065625	0.33941295	0.313048865				-0.062775			0.1185059	0.745636687							
USP44	AK027434_bp748_R	AGCTAAAAGCTCGCTCAGTCGACCATAATTCTCTTGAATTATGGTCGACTGAGCGAGCGG	Hs.506394	14699	-0.0998	0.18581224	0.614876849				-0.076325			0.17727106	0.702506254							
USP45	AL832030_bp1032_R	AGCTAAAAGGGAAGCATTTGAGGTCTTATCTCTTGAATAAGACCTCAAATGCTTCCCCGG	Hs.50678	4012	1.357316667	0.64655542	0.012027582				0.8617	0.37483559	0.008609854									
USP45	AL832030_bp1032_R	AGCTAAAAGGGAAGCATTTGAGGTCTTATCTCTTGAATAAGACCTCAAATGCTTCCCCGG	Hs.50678	9388	1.385216667	0.8405191	0.021890296				0.77985	0.35426301	0.01159524									
USP45	AL832030_bp1032_R	AGCTAAAAGGGAAGCATTTGAGGTCTTATCTCTTGAATAAGACCTCAAATGCTTCCCCGG	Hs.50678	14764	1.570183333	0.70258331	0.080958509				0.60845	0.355538	0.031652749									
USP45	AL832030_bp497_R	AGCTAAAAGGTCAGATGTTACTATAGAAATCTCTTGAATTTCTATAGTAACATTGCCACGG	Hs.50678	3984	-0.8179875	0.30770298	0.005514307				0.266425	0.20209718	0.222337379									
USP45	AL832030_bp497_R	AGCTAAAAGTGGCAATGTTACTATAGAAATCTCTTGAATTTCTATAGTAACATTGCCACGG	Hs.50678	9360	-0.7909125	0.33548477	0.007532532				0.25525	0.20054635	0.234395424									
USP45	AL832030_bp497_R	AGCTAAAAGTGGCAATGTTACTATAGAAATCTCTTGAATTTCTATAGTAACATTGCCACGG	Hs.50678	14736	-0.8546875	0.36957613	0.006749313				0.21135	0.22540944	0.323478074									
USP45	AL832030_bp713_R	AGCTAAAAGCCCTACTGATGACATGTAAATCTCTTGAATTCTACTGTCATCAGTAGGGCGG	Hs.50678	4010	0.6135875	0.60797552	0.070762889				0.57595	0.35650531	0.038739255									
USP45	AL832030_bp713_R	AGCTAAAAGCCCTACTGATGACATGTAAATCTCTTGAATTCTACTGTCATCAGTAGGGCGG	Hs.50678	9386	0.5691875	0.78540481	0.145063168				0.571675	0.43237436	0.05077105									
USP45	AL832030_bp713_R	AGCTAAAAGCCCTACTGATGACATGTAAATCTCTTGAATTCTACTGTCATCAGTAGGGCGG	Hs.50678	14762	0.4668125	0.32759797	0.049366472				0.814675	0.20831358	0.005563194									
USP46	NM_022832_bp1010_R	AGCTAAAAAGGACCGCATGTATGACTTGGTTCTCTTGAAACCAAGTCATACATGCGGTCCGG	Hs.331478	3571	0.935175	0.59361536	0.016308919				0.5757375	1.08449423	0.219841196									
USP46	NM_022832_bp1010_R	AGCTAAAAAGGACCGCATGTATGACTTGGTTCTCTTGAAACCAAGTCATACATGCGGTCCGG	Hs.331478	8947	0.539525	0.77859961	0.160385537				0.7417375	0.70828492	0.051529026									
USP46	NM_022832_bp1010_R	AGCTAAAAAGGACCGCATGTATGACTTGGTTCTCTTGAAACCAAGTCATACATGCGGTCCGG	Hs.331478	14323	0.8248	0.81654568	0.060157241				0.6486625	0.7408796	0.085468545									
USP46	NM_022832_bp1057_R	AGCTAAAAAGTCCTAATCGTGGGCATTATATCTCTTGAATATAATGCCCACGATTAGGACGG	Hs.331478	3569	0.6098	0.30499318	0.017491719				-0.1135875	0.1937544	0.576507919									
USP46	NM_022832_bp1057_R	AGCTAAAAGTCCTAATCGTGGGCATTATATCTCTTGAATATAATGCCCACGATTAGGACGG	Hs.331478	8945	1.08575	1.13542129	0.063617381				0.0017875	0.17228289	0.992795894									
USP46	NM_022832_bp1057_R	AGCTAAAAGTCCTAATCGTGGGCATTATATCTCTTGAATATAATGCCCACGATTAGGACGG	Hs.331478	14321	0.9598	0.77169006	0.031714658				-0.0735625	0.3252155	0.741754204									
USP46	NM_022832_bp923_R	AGCTAAAAGCTGACAGATACACCAAGCTTCTCTTGAAAGCTTGGTGTATCTGTGCAGCGGG	Hs.331478	3573	-0.316533333	0.24241556	0.177692753				-0.2658875	0.17924407	0.212257402									
USP46	NM_022832_bp923_R	AGCTAAAAGCTGACAGATACACCAAGCTTCTCTTGAAAGCTTGGTGTATCTGTGCAGCGGG	Hs.331478	8949	-0.516925	0.19162611	0.011794048				-0.2657375	0.24867124	0.23195679									
USP46	NM_022832_bp923_R	AGCTAAAAGCTGACAGATACACCAAGCTTCTCTTGAAAGCTTGGTGTATCTGTGCAGCGGG	Hs.331478	14325	-0.551075	0.18906963	0.01378441				-0.3132125	0.19390321	0.154274657									
USP47

USP50	XM_375200_bp564_R	AGCTAAAAAGCAGCTCAATTATAGCATCGTTCTCTTGAAACGATGCTATAATTGAGCTGCGG			10295	-0.4034125	0.5568567	0.168982131	-0.034033333	0.55526994	0.914606468						-0.0888	0.09666661	0.163486	-0.1787	1.20157609	0.820802673
USP50	XM_375200_bp564_R	AGCTAAAAAGCAGCTCAATTATAGCATCGTTCTCTTGAAACGATGCTATAATTGAGCTGCGG			15671	-0.3851375	0.60125364	0.207193056	0.086133333	0.48320866	0.768069545						-0.0493	0.16102437	0.583607642	-0.139875	0.763648111	0.738427065
USP50	XM_375200_bp818_R	AGCGAAAAAGGTTTGACATTCAGGGTACAATCTCTTGAATTGTACCCTGAATGTCAAACCGG			4945	-0.2789375	0.34704276	0.194550368	-0.709383333	0.84834416	0.166545804						0.290025	0.58967908	0.397809629	0.249525	0.309188856	0.204919185
USP50	XM_375200_bp818_R	AGCGAAAAAGGTTTGACATTCAGGGTACAATCTCTTGAATTGTACCCTGAATGTCAAACCGG			10321	-0.4486875	0.2137222	0.032756012	-0.995812125	0.90523335	0.05701545						0.319175	0.60922225	0.371701092	0.3532	0.3741493	0.155458692
USP50	XM_375200_bp818_R	AGCGAAAAAGGTTTGACATTCAGGGTACAATCTCTTGAATTGTACCCTGAATGTCAAACCGG			15697	-0.0684125	0.38336876	0.742142641	-0.7533875	0.91056614	0.120198736						0.27545	0.6130371	0.435071021	0.31705	0.34896984	0.166809167
USP51	AJ383823_bp135_R	AGCTAAAAAGAGTTCCTTATTGCAATATTATCTCTTGAATAATATTGCAATAAGGAACTCGG	Hs.134289		3840	-0.6872125	0.45141206	0.024891746					1.270575	0.70281038	0.005754714							
USP51	AJ383823_bp135_R	AGCTAAAAAGAGTTCCTTATTGCAATATTATCTCTTGAATAATATTGCAATAAGGAACTCGG	Hs.134289		9216	-0.5683375	0.55434811	0.072254228					1.18435	0.44362049	0.002411884							
USP51	AJ383823_bp135_R	AGCTAAAAAGAGTTCCTTATTGCAATATTATCTCTTGAATAATATTGCAATAAGGAACTCGG	Hs.134289		14592	-0.5095125	0.49223626	0.0775288					1.065625	0.14956888	0.001221186							
USP51	AJ383823_bp767_R	AGCTAAAAAGCTGCTTCACTGAGAAACATATCTCTTGAATATGTTTCTCAGTGAAGCAGCGG	Hs.134289		3838	0.5280375	0.97499169	0.242380018					0.46385	0.6443471	0.15902865							
USP51	AJ383823_bp767_R	AGCTAAAAAGCTGCTTCACTGAGAAACATATCTCTTGAATATGTTTCTCAGTGAAGCAGCGG	Hs.134289		9214	-0.1683125	0.40504383	0.445172468					0.68825	0.79520383	0.082964246							
USP51	AJ383823_bp767_R	AGCTAAAAAGCTGCTTCACTGAGAAACATATCTCTTGAATATGTTTCTCAGTGAAGCAGCGG	Hs.134289		14590	-0.2210375	0.61828658	0.452969312					0.461925	0.36323341	0.080574458							
USP52	BX648106_bp4137_R	AGCGAAAAGGGTCACAGATGGTGCTATTATCTCTTGAATAATAGCACCATCTGTGACCCCGG	Hs.27397		4502	-1.002733333	1.26103363	0.136724628	-0.30345	0.57955613	0.316719552		-0.6926	1.26187119	0.231728579							
USP52	BX648106_bp4137_R	AGCGAAAAGGGTCACAGATGGTGCTATTATCTCTTGAATAATAGCACCATCTGTGACCCCGG	Hs.27397		9878	-0.90345	0.79174528	0.044717078	0.258066667	0.74144848	0.523914822		-0.81215	2.01914341	0.350598941							
USP52	BX648106_bp4137_R	AGCGAAAAGGGTCACAGATGGTGCTATTATCTCTTGAATAATAGCACCATCTGTGACCCCGG	Hs.27397		15254	-0.99905	0.79596227	0.030239693	0.050475	0.65428349	0.872297477		-0.5544	1.79039437	0.471142864							
USP52	BX648106_bp609_R	AGCGAAAAAGGAGCGCTACTCATCCTTTCATCTCTTGAATGAAAGGATGAGTAGCGCTCCGG	Hs.27397		4506	-0.36635	0.90372132	0.37053365	0.789625	0.41636793	0.016926567		-0.4676	0.39018152	0.239014762							
USP52	BX648106_bp609_R	AGCGAAAAAGGAGCGCTACTCATCCTTTCATCTCTTGAATGAAAGGATGAGTAGCGCTCCGG	Hs.27397		9882	-0.275725	0.75356101	0.426521541	0.91475	0.30627465	0.005510927		-0.51515	0.33269374	0.19409821							
USP52	BX648106_bp609_R	AGCGAAAAAGGAGCGCTACTCATCCTTTCATCTCTTGAATGAAAGGATGAGTAGCGCTCCGG	Hs.27397		15258	-0.1063	0.94647111	0.812707087	0.8744	0.56229893	0.050303214		-0.3701									
USP52	BX648106_bp721_R	AGCGAAAAAGGGGGCCTCATTATATTTGATTCTCTTGAAATCAAATATAATGAGGCCCCCGG	Hs.27397		4504	1.094025	0.69060598	0.014107443	-0.10435	0.36796479	0.623224978		0.2872	0.9028799	0.502502936							
USP52	BX648106_bp721_R	AGCGAAAAAGGGGGCCTCATTATATTTGATTCTCTTGAAATCAAATATAATGAGGCCCCCGG	Hs.27397		15256	1.2601	0.50960914	0.003044632	0.168033333	0.48043658	0.571055961		0.45685	1.29506607	0.451360534							
USP52	BX648106_bp721_R	AGCGAAAAAGGGGGCCTCATTATATTTGATTCTCTTGAAATCAAATATAATGAGGCCCCCGG	Hs.27397		9880	1.067666667	1.0374541	0.078313078	-0.176825	0.17780	0.291555228		0.5003	1.50147054	0.457321584							
USP53	BX648339_bp1728_R	AGCGAAAAGTCGAGCTTCTGCACAAATAATCTCTTGAATTATTTGTGCAGAAGCTCGACGG	Hs.599154		4560	1.17015	0.58225144	0.006311656	0.770525	0.79173761	0.083780165		0.86885	0.43621417	0.064771421							
USP53	BX648339_bp1728_R	AGCGAAAGTCGAGCTTCTGCACAAATAATCTCTTGAATTATTTGTGCAGAAGCTCGACGG	Hs.599154		9936	1.3292	0.77350124	0.009485844	0.59535	0.28070025	0.021618639		0.54845	1.56419091	0.43150478							
USP53	BX648339_bp1728_R	AGCGAAAGTCGAGCTTCTGCACAAATAATCTCTTGAATTATTTGTGCAGAAGCTCGACGG	Hs.599154		15312	1.048	0.87224836	0.033616482	0.862575	0.64681083	0.036914786		0.22235	0.47623642	0.561920534							
USP53	BX648339_bp1971_R	AGCGAAAAAGGTTCCAAGACATAAACCAAATATCTCTTGAATATTTGGTTTATGTCTTGGACGG	Hs.599154		4558	0.0886	0.4538241	0.239962931	0.357075	0.5166775	0.214645599		1.055033333	1.77797001	0.181788541							
USP53	BX648339_bp1971_R	AGCGAAAAGTCCAAGACATAAACCAAATATCTCTTGAATATTTGGTTTATGTCTTGGACGG	Hs.599154		9934	-0.032866667	0.49521039	0.906146022	0.217375	0.70415316	0.524314308		1.189166667	1.52776469	0.102383205							
USP53	BX648339_bp1971_R	AGCGAAAAAGGTTCCAAGACATAAACCAAATATCTCTTGAATATTTGGTTTATGTCTTGGACGG	Hs.599154		15310	0.0385	0.26956396	0.825866727	0.2927	0.67943113	0.387307838		0.906	1.29253901	0.140998794							
USP53	BX648339_bp2783_R	AGCGAAAAGCTCCTCTCATCCAGCAACAATCTCTTGAATTGTTGCTGGATGAGAGGAGCGG	Hs.599154		4556	-0.516175	0.8322397	0.19666321	-0.817475	0.35621509	0.010633703		0.4178	0.99333413	0.370443937							
USP53	BX648339_bp2783_R	AGCGAAAAGCTCCTCTCATCCAGCAACAATCTCTTGAATTGTTGCTGGATGAGAGGAGCGG	Hs.599154		9932	-0.472925	0.76599887	0.20308667	-0.658625	0.07869712	0.005691409		0.7936	0.45339687	0.083886393							
USP53	BX648339_bp2783_R	AGCGAAAAGCTCCTCTCATCCAGCAACAATCTCTTGAATTGTTGCTGGATGAGAGGAGCGG	Hs.599154		15308	-0.520525	0.73184668	0.155011532	-0.765625	0.29082804	0.009233672		0.350233333	0.5019632	0.281993315							
USP54	AK127081_bp2351_R	AGCGAAAAGCTAGGCTGTAGTCCTTCAATCTCTTGAATTGAAGGACTACAGCCTAGGCGG	Hs.434502		3983	-0.3757125	0.40570971	0.123693363					0.008125	0.85849794	0.982273662							
USP54	AK127081_bp2351_R	AGCGAAAAGCCTAGGCTGTAGTCCTTCAATCTCTTGAATTGAAGGACTACAGCCTAGGCGG	Hs.434502		9359	-0.5582375	0.35798365	0.031880892					0.14785	0.34865896	0.522165606							
USP54	AK127081_bp2351_R	AGCGAAAAGCCTAGGCTGTAGTCCTTCAATCTCTTGAATTGAAGGACTACAGCCTAGGCGG	Hs.434502		14735	-0.4382625	0.36496744	0.070525692					0.20467S	0.31258139	0.368827316							
USP54	AK127081_bp3135_R	AGCGAAAAGCAGGAGACCTCAGAATTGGATCTCTTGAATCCAATTCTGAGGTCTCCTGCGG	Hs.434502		4009	0.3362875	0.37269773	0.142766931					0.081325	0.24318386	0.697275429							
USP54	AK127081_bp3135_R	AGCGAAAAGCAGGAGACCTCAGAATTGGATCTCTTGAATCCAATTCTGAGGTCTCCTGCGG	Hs.434502		9385	0.4169375	0.34713625	0.075344828					0.088525	0.22226932	0.667668765							
USP54	AK127081_bp3135_R	AGCGAAAAGCAGGAGACCTCAGAATTGGATCTCTTGAATCCAATTCTGAGGTCTCCTGCGG	Hs.434502		14761	0.3632875	0.35912901	0.135557794					0.11245	0.23698784	0.591188834							
USP54	AK127081_bp4030_R	AGCGAAAAAGAGGGGTTCTGTTTGTTCTATCTCTTGAATGAGAACAACAGAAACCCCTCGG	Hs.434502		3981	0.072	0.26445794	0.799201799					-0.843725	0.36374059	0.008504862							
USP54	AK127081_bp4030_R	AGCGAAAAAGAGGGGTTCTGTTTGTTCTATCTCTTGAATGAGAACAAACAGAAACCCCTCGG	Hs.434502		9357	0.1421	0.45311403	0.667365771					-0.814475	0.61008818	0.02649651							
USP54	AK127081_bp4030_R	AGCGAAAAAGAGGGGTTCTGTTTGTTCTATCTCTTGAATGAGAACAAACAGAAACCCCTCGG	Hs.434502		14733	0.0181	0.19388868	0.946546098					-0.524575	0.22228553	0.036404039							
USP6	BX647719_bp106_R	AGCGAAAAGGGCGACAAGTTACAGTTGCTTCTCTTGAAACGCAACTGTAACTTGTCGCCCGG	Hs.448851		4494	0.2326	0.69331159	0.46980229	1.6402	0.42824534	0.001020745		1.7072	1.98612153	0.086769839							
USP6	BX647719_bp106_R	AGCGAAAAGGGCGACAAGTTACAGTTGCTTCTCTTGAAACGCAACTGTAACTTGTCGCCCGG	Hs.448851		15246	0.302825	0.59566723	0.30336636	1.640425	0.41475522	0.000935585		1.8272	1.40947651	0.021594562							
USP6	BX647719_bp106_R	AGCGAAAAGGGCGACAAGTTACAGTTGCTTCTCTTGAAACGCAACTGTAACTTGTCGCCCGG	Hs.448851		9870	0.075775	0.73630114	0.818131223	1.81415	0.90708761	0.001035853		2.59105	0.799744	0.002824238							
USP6	BX647719_bp1095_R	AGCGAAAGCCCAGTCTGTGGTACTGTATATCTCTTGAATTACAGTACCACAGACTGGGCGG	Hs.448851		4490	-0.015325	0.61968174	0.957290883	-0.390833333	0.11837797	0.101137691		0.4419	0.4685752	0.179153058							
USP6	BX647719_bp1095_R	AGCGAAAGCCCAGTCTGTGGTACTGTATATCTCTTGAATTACAGTACCACAGACTGGGCGG	Hs.448851		9866	-0.01435	0.66334771	0.962087198	-0.8047	0.55870447	0.031924936		-0.30153333	0.11195009	0.247911398							
USP6	BX647719_bp1095_R	AGCGAAAGCCCAGTCTGTGGTACTGTATATCTCTTGAATTACAGTACCACAGACTGGGCGG	Hs.448851		15242	0.214933333	0.25101811	0.333609632	-0.6804	0.40402427	0.020327612		-0.3456	0.58597084	0.316249223							
USP6	BX647719_bp2471_R	AGCGAAAAGCTGGGAGAATGGGAGACATATCTCTTGAATATGTCTCCCATTCTCCCAGCGG	Hs.448851		4492	0.588825	0.88598027	0.168568072	0.56665	0.46181132	0.061334837		1.954333333	3.49643466	0.187943752							
USP6	BX647719_bp2471_R	AGCGAAAAGCTGGGAGAATGGGAGACATATCTCTTGAATATGTCTCCCATTCTCCCAGCGG	Hs.448851		9868	0.56785	0.8348611	0.163245189	0.610275	0.30880698	0.023118747		2.324933333	3.73332568	0.149444269							
USP6	BX647719_bp2471_R	AGCGAAAAGCTGGGAGAATGGGAGACATATCTCTTGAATATGTCTCCCATTCTCCCAGCGG	Hs.448851		15244	0.642825	0.75483266	0.100010633	0.535875	0.39628533	0.054128948		2.156533333	3.21273223	0.127335454							
USPBNL	D13644_bp1697_R	AGCGAAAAACGCCACCTTCAAATATCATCTCTTGAATGATATTTGAAGTGGCGTTGCGG	Hs.498661		4757	-0.262525	0.50171216	0.311155592	0.4919	0.45469717	0.087666275		-0.2843	0.84110574	0.487532132							
USPBNL	D13644_bp1697_R	AGCGAAAAACGCCACCTTCAAATATCATCTCTTGAATGATATTTGAAGTGGCGTTGCGG	Hs.498661		10133	-0.51725	0.25646184	0.024499426	0.576125	0.37968427	0.040194702		-0.1471333	0.70388976	0.684273159							
USPBNL	D13644_bp1697_R	AGCGAAAAACGCCACCTTCAAATATCATCTCTTGAATGATATTTGAAGTGGCGTTGCGG	Hs.498661		15509	-0.29795	0.55376916	0.286936222	0.43655	0.58951568	0.177314161		-0.33386667	1.0222671	0.488863018							
USPBNL	D13644_bp325_R	AGCGAAAAGCTGAAATAGTTGCTAAATATTCTCTTGAAATTTAGCAACTATTTCAGCGG	Hs.498661		4755	-0.7561	0.79026585	0.105169505	0.75945	0.24163502	0.007115471		0.8401									
USPBNL	D13644_bp325_R	AGCGAAAAGCTGAAATAGTTGCTAAATATTCTCTTGAAATTTAGCAACTATTTCAGCGG	Hs.498661		10131	-0.46845	0.54003076	0.114617741	0.479525	0.57239365	0.138927096		-0.29555	1.19025774	0.61761315							
USPBNL	D13644_bp325_R	AGCGAAAAGCTGAAATAGTTGCTAAATATTCTCTTGAAATATTTAGCAACTATTTCAGCGG	Hs.498661		15507	-0.334725	0.47440406	0.195895707	0.602475	0.2541351	0.017954818		-0.62523333	1.31749006	0.288944722							
USPBNL	D13644_bp650_R	AGCGAAAGGGACCTGTATAGTAAATTAATCTCTTGAATTAATTTACTATACAGGTCCCGG	Hs.498661		4753	-0.444475	0.26387529	0.042738283	0.6352	0.16831892	0.009404709		-0.0264	0.31941912	0.921557891							
USPBNL	D13644_bp650_R	AGCGAAAGGGACCTGTATAGTAAATTAATCTCTTGAATTAATTTACTATACAGGTCCCGG	Hs.498661		10129	-0.454175	0.23684161	0.035030419	0.7474	0.76685728	0.005858079		0.070866667	0.36158482	0.797790533							
USPBNL	D13644_bp650_R	AGCGAAAAGGGACCTGTATAGTAAATTAATCTCTTGAATTAATTTACTATACAGGTCCCGG	Hs.498661		15505	-0.358075	0.54518005	0.207147054	0.310875	0.79696714	0.419480887		0.4584	1.18269627	0.387027015							
USP7	NM_003470_bp1148_R	AGCGAAAAGAGGGCACCATACCCAAATTATCTCTTGAATAATTTGGGTATGGTGCCCTCGG	Hs.386939		3155	-0.120075	0.71149384	0.709095508					-0.14595	0.70061566	0.648774251							
USP7	NM_003470_bp1148_R	AGCGAAAAGAGGGCACCATACCCAAATTATCTCTTGAATAATTTGGGTATGGTGCCCTCGG	Hs.386939		8531	-0.295425	0.64990459	0.343634427					-0.18195	0.49601213	0.49461314							
USP7	NM_003470_bp1148_R	AGCGAAAAGAGGGCACCATACCCAAATTATCTCTTGAATAATTTGGGTATGGTGCCCTCGG	Hs.386939		13907	0.0602	0.57380524	0.823938222					-0.13225	0.75202095	0.693146714							
USP7	NM_003470_bp3097_R	AGCGAAAGCGCGGACGCTTTGCAATGATCTCTTGAATCCTATTCGAAAGCGTCCGGCTCGG	Hs.386939		3159	-0.06915	0.40604086	0.247670192					0.272825	0.28321199	0.232436905							
USP7	NM_003470_bp3097_R	AGCGAAAGCGCGGACGCTTTGCAATGATCTCTTGAATCCTATTCGAAAGCGTCCGGCTCGG	Hs.386939		8535	-0.025875	0.40843247	0.904056594					0.304125	0.28859258	0.190862308							
USP7	NM_003470_bp3097_R	AGCGAAAGCGCGGACGCTTTGCAATGATCTCTTGAATCCTATTCGAAAGCGTCCGGCTCGG	Hs.386939		13911	0.0434	0.26709121	0.803576059					0.2823	0.31607526	0.229833428							
USP7	NM_003470_bp3465_R	AGCGAAAAGCTCGCTACACTTACCTTGAAATCTCTTGAATTTGAAGTTAAGCTAAGTGTAGCGACCGG	Hs.386939		3157	-0.73715	0.21883425	0.004975118					-0.01285	0.44831547	0.958875007							
USP7	NM_003470_bp3465_R	AGCGAAAAGCTCGCTACACTTACCTTGAAATCTCTTGAATTTGAAGTTAAGCTAAGTGTAGCGACCGG	Hs.386939		8533	-0.66315	0.14629043	0.005303776					0.448275	1.10130501	0.333046902							
USP7	NM_003470_bp3465_R	AGCGAAAAGCTCGCTACACTTACCTTGAAATCTCTTGAATTTGAAGTTAAGCTAAGTGTAGCGACCGG	Hs.386939		13909	-0.21215	0.26909658	0.257169563					0.1651	0.67188257	0.59778436							
USPB	D29956_bp2709_R	AGCGAAAGCGGACCTGTATAGTAAATTAATCTCTTGAATTAATTTACTATACAGGTCCCGG	Hs.569446		4763	0.20275	0.44327521	0.38827277	0.0908	0.5187504	0.730888363	0.244033333	0.77892134	0.529935496								
USPB	D29956_bp2709_R	AGCGAAAGCGGACCTGTATAGTAAATTAATCTCTTGAATTAATTTACTATACAGGTCCCGG	Hs.569446		10139	0.150625	0.53654917	0.564710297	0.038725	0.51280867	0.881718537	0.224233333	0.76138448	0.557425662								
USPB	D29956_bp2709_R	AGCGAAAAGCTCCACATTTGGCTGATTATTCTCTTGAAATAATCAGCCAAATGTGGAGCGG	Hs.569446		15515			0.714636518			0.620746056											
USPB	D29956_bp2795_R	AGCGAAAGCAGAAGAATTTGGTATAATTCTCTTGAAATATACCAAATTCTTCTGCCGG	Hs.569446		4761	-0.0918	0.70354728	0.2221	0.38453797	0.772792232	0.329536563	0.109833333	0.6678095	0.753930393								
USPB	D29956_bp2795_R	AGCGAAAGCCAGAAGAATTTGGTATAATTCTCTTGAATATACCAAATTCTTCTGCCGG	Hs.569446		10137	-0.07745	0.64679205	0.794231723	0.281225	0.2404827	0.149917755	0.182433333	0.42173481	0.534517778								
USPB	D29956_bp2795_R	AGCGAAAGGCAGAAGAATTTGGTATAATTCTCTTGAATATACCAAATTCTTCTGCCGG	Hs.569446		15513	-0.0774	0.66160216	0.799713062	0.475	0.26680549	0.042162076	0.051633333	0.41625505	0.857250224								
USPB	D29956_bp927_R	AGCGAAAGCTCGAAGAATGCAGGATTATTCTCTTGAAATAATCCTGCATTCTTCGAGCGG	Hs.569446		4759	0.9914	0.39090681	0.012562699	0.662025	0.41345086	0.030345571	0.391733333	0.02711554	0.145134036								
USPB	D29956_bp927_R	AGCGAAAGCTCGAAGAATGCAGGATTATTCTCTTGAAATAATCCTGCATTCTTCGAGCGG	Hs.569446		10135	0.891075	0.44551469	0.008966285	0.765966667	0.44875299	0.049110041	0.217066667	0.2176342	0.407990301								
USPB	D29956_bp927_R	AGCGAAAGCTCGAAGAATGCAGGATTATTCTCTTGAAATAATCCTGCATTCTTCGAGCGG	Hs.569446		15511	0.823225	0.33626146	0.00641634	0.683675	0.1882361	0.007883427	0.2752	0.16252732	0.29353614								
USPBXX	NM_004652_bp2580_R	AGCGAAAAGTTCGAATGGTTCGAGTATTATCTCTTGAATAATACTCGAACCATTCGAACGG	Hs.7758		3261	0.612825	0.32438902	0.019125431					0.5346375	0.44175017	0.064846619	1.001475	0.6023055	0.044870451	1.237125	0.57015482	0.022581689
USPBXX	NM_004652_bp2580_R	AGCGAAAAGTTCGAATGGTTCGAGTATTATCTCTTGAATAATACTCGAACCATTCGAACGG	Hs.7758		8637	0.449925	0.4939449	0.10841096					0.8638125	0.734742	0.03295464	1.045575	0.57664395	0.036084236	1.242025	0.59993162	0.025578034
USPBXX	NM_004652_bp2580_R	AGCGAAAAGTTCGAATGGTTCGAGTATTATCTCTTGAATAATACTCGAACCATTCGAACGG	Hs.7758		14013	0.366875	0.14421364	0.047815311					1.35865	0.83118285	0.015040351	1.0639	0.53066592	0.027831791	1.2277	0.56320158	0.02251685
USPBXX	NM_004652_bp2744_R	AGCGAAAAAGGAGGTATGGTCTCATACAAATCTCTTGAATTTGTATGAGACCATACCTTCCGG	Hs.7758		3263	0.590575	0.40688322	0.033675004					0.5810125	0.09984166	0.019040211	1.722125	0.42597646	0.003953039	1.4288	0.57595112	0.015721567
USPBXX	NM_004652_bp2744_R	AGCGAAAAAGGAGGTATGGTCTCATACAAATCTCTTGAATTTGTATGAGACCATACCTTCCGG	Hs.7758		8639	0.754566667	0.59598391	0.062337736					1.2752625	0.73942126	0.006618094	1.73515	0.40991998	0.003459962	1.471325	0.53253969	0.011677146
USPBXX	NM_004652_bp2744_R	AGCGAAAAAGGAGGTATGGTCTCATACAAATCTCTTGAATTTGTATGAGACCATACCTTCCGG	Hs.7758		14015	1.328466667	0.13210788	0.001602205					1.1267875	0.38730605	0.002366566	1.713525	0.43472756	0.004253613	1.6039	0.46054944	0.026400278
USPBXX	NM_004652_bp6552_R	AGCGAAAAGGGCGTCATTTACAGCAGTATTCTCTTGAAATACTGCTGTAAATGACGCCCCGG	Hs.7758		8635	0.710566667	1.17941809	0.234710046					-0.2391125	0.12054499	0.243207223	0.575975	0.60969472	0.155248249	1.254	0.97924987	0.083131248
USPBXX	NM_004652_bp6552_R	AGCGAAAAGGGCGTCATTTACAGCAGTATTCTCTTGAAATACTGCTGTAAATGACGCCCCGG	Hs.7758		14011	0.401275	0.48574698	0.138606912					-0.2730375	0.01532728	0.179881433	0.619	0.68010393	0.166269137	1.190025	0.96605684	0.090571386
USPBXX	NM_004652_bp6552_R	AGCGAAAAGGGCGTCATTTACAGCAGTATTCTCTTGAAATACTGCTGTAAATGACGCCCCGG	Hs.7758		3259	0.074175	0.04054437	0.826432758					-0.306425	0.25233206	0.395645656	0.629775	0.63200336	0.140281935	1.118675	0.905996631	0.090105061
USPBYY	NM_004654_bp3595_R	AGCGAAAAGGCAAACACCTCTCTCTTATATCTCTTGAATATAAGAGAGAGGTGTTTGCCCGG	Hs.165856		3289	-0.823566667	0.42672252	0.026680901					-0.8676625	0.46764543	0.011628355	0.521666667	0.22321508	0.055956161	0.0034	0.74651696	0.994422005
USPBYY	NM_004654_bp3595_R	AGCGAAAAGGCAAACACCTCTCTCTTATATCTCTTGAATATAAGAGAGAGGTGTTTGCCCGG	Hs.165856		8665	-0.85483333	0.39782861	0.021163056					-0.852875	0.48879976	0.017222716	0.498233333	0.14690583	0.027777716	0.0647	0.68827245	0.885625252
USPBYY	NM_004654_bp3595_R	AGCGAAAAGGCAAACACCTCTCTCTTATATCTCTTGAATATAAGAGAGAGGTGTTTGCCCGG	Hs.165856		14041	-0.6203	0.15631401	0.048381704					-0.8179	0.40016237	0.028351663	0.641166667	0.04113308	0.001382392	0.251766667	0.80512751	0.642494467
USPBYY	NM_004654_bp3757_R	AGCGAAAAGGTGGTGAGCTGATAGATTCTTCTCTTGAAAGAATCTATCAGCTCACCACCGG	Hs.165856		3293	0.942825	0.6500393	0.020558805					0.08233333	0.42449889	0.776136532	0.877975	0.22560339	0.004413133	0.487125	0.76630259	0.293218297
USPBYY	NM_004654_bp3757_R	AGCGAAAAGGTGGTGAGCTGATAGATTCTTCTCTTGAAAGAATCTATCAGCTCACCACCGG	Hs.165856		8669	0.17335	0.12296306	0.263754811					0.3417875	0.31073124	0.154990873	0.965275	0.28284477	0.006434137	0.45445	0.83111585	0.354104888
USPBYY	NM_004654_bp3757_R	AGCGAAAAGGTGGTGAGCTGATAGATTCTTCTCTTGAAAGAATCTATCAGCTCACCACCGG	Hs.165856		14045	0.807675	0.41334307	0.011069399					0.1157875	0.28873517	0.595362268	0.922675	0.22622196	0.003853255	0.49645	0.77020946	0.287756782
USPBYY	NM_004654_bp7462_R	AGCGAAAAAGGACATCATTTACAGCAATATTCTCTTGAAATATTGCTGTAAATGATGTCCGG	Hs.165856		3291	1.32225	0.81715374	0.011655533					-0.0982875	0.25532844	0.642131315	0.469825	0.38348287	0.091654551	0.1389	0.51085594	0.624392732
USPBYY	NM_004654_bp7462_R	AGCGAAAAAGGACATCATTTACAGCAATATTCTCTTGAAATATTGCTGTAAATGATGTCCGG	Hs.165856		8667	1.21475	0.58108107	0.005363087					-0.2054125	0.29766222	0.361521614	0.5087	0.40587112	0.087189913	0.200575	0.53064107	0.504609043
USPBYY	NM_004654_bp7462_R	AGCGAAAAGGACATCATTTACAGCAATATTCTCTTGAAATATTGCTGTAAATGATGTCCGG	Hs.165856		14043	0.887425	0.1692978	0.001667673					-0.1114125	0.23748903	0.594665608	0.4797	0.38527371	0.088470186	0.198675	0.50949893	0.492332425
USPL1	AB32776_bp241_R	AGCGAAAAGGGCTCTAAATCACTTAATAATCTCTTGAATTATTAAGTGATTTAGAGCCCGG	Hs.533831		4062	-0.3320875	0.09466063	0.056322839					-0.0096	0.38464223	0.967349701							
USPL1	AB32776_bp241_R	AGCGAAAAGGGCTCTAAATCACTTAATAATCTCTTGAATTATTAAGTGATTTAGAGCCCGG	Hs.533831		9438	-0.1590125	0.26317984	0.378163559					0.286175	0.2398753	0.199339631							
USPL1	AB32776_bp241_R	AGCGAAAAGGGCTCTAAATCACTTAATAATCTCTTGAATTATTAAGTGATTTAGAGCCCGG	Hs.533831		14814	-0.4183375	0.11407667	0.027937239					0.3627	0.33367101	0.141654601							
USPL1	AB32776_bp5354_R	AGCGAAAAGCAGTAAGGCTAGTGTAATTATCTCTTGAATAATTACACTAGCCTTACTGCGG	Hs.533831		4064	-0.6779875	0.3106223	0.012034974					0.966375	0.44099148	0.006381129							
USPL1	AB32776_bp5354_R	AGCGAAAAGCAGTAAGGCTAGTGTAATTATCTCTTGAATAATACACTAGCCTTACTGCGG	Hs.533831		9440	-0.1062125	0.87265447	0.78059862					0.393875	0.28278852	0.10271517							
USPL1	AB32776_bp5354_R	AGCGAAAAGCAGTAAGGCT

VCL	NM_014000_bp545_R	AGCTAAAAGTGGAGACTATGGAAGATTTGTCTCTTGAACAAATCTTCCATAGTTCTCCAGCGG	Hs.576882	13954	2.46605	0.60538612	0.000247683				0.233875	0.33789098	0.519916775	1.173375	0.50300171	0.018588288	1.19445	0.88342639	0.073528528		
VDAC2	NM_003375_bp1216_R	AGCTAAAAAGTTGGTTATCTAGTTACCAATTCTCTTGAAATTGGTAACTAGATAACCAACGG	Hs.355927	2047	4.7776125	1.3165288	0.000264356				0.6790125	1.46215287	0.257668168								
VDAC2	NM_003375_bp1216_R	AGCTAAAAAGTTGGTTATCTAGTTACCAATTCTCTTGAAATTGGTAACTAGATAACCAACGG	Hs.355927	7423	5.0626125	1.55982082	0.000430594				0.5966375	1.54659089	0.336434597								
VDAC2	NM_003375_bp1216_R	AGCTAAAAGTTGGTTATCTAGTTACCAATTCTCTTGAAATTGGTAACTAGATAACCAACGG	Hs.355927	12799	5.3105625	1.78264584	0.000628395				0.5529875	1.29134452	0.299475694								
VDAC2	NM_003375_bp1395_R	AGCTAAAAGATGGATCAGTGGATATTAAGTCTCTTGAACTTAATATCCACTGATCCATCGG	Hs.355927	2045	1.5832125	1.2315644	0.023666945				0.4114125	1.48238629	0.482724238								
VDAC2	NM_003375_bp1395_R	AGCTAAAAGATGGATCAGTGGATATTAAGTCTCTTGAACTTAATATCCACTGATCCATCGG	Hs.355927	7421	1.3190375	0.87026931	0.014531947				0.2028125	1.61918901	0.745109999								
VDAC2	NM_003375_bp1395_R	AGCTAAAAGATGGATCAGTGGATATTAAGTCTCTTGAACTTAATATCCACTGATCCATCGG	Hs.355927	12797	1.2162125	0.72572841	0.010934443				0.2663375	1.57063801	0.661958983								
VDAC2	NM_003375_bp15_R	AGCTAAAAGAACGGTGTCTCCTTCACTTCTCTCTTGAAGAAGTGAAGGAGACACCGTTCGG	Hs.355927	1009	-0.4807875	0.53158169	0.104430941				-0.2478875	0.19958981	0.246358292								
VDAC2	NM_003375_bp15_R	AGCTAAAAGAACGGTGTCTCCTTCACTTCTCTCTTGAAGAAGTGAAGGAGACACCGTTCGG	Hs.355927	6385	-0.5364375	0.49567684	0.067886313				-0.2787125	0.20405912	0.199884946								
VDAC2	NM_003375_bp15_R	AGCTAAAAGAACGGTGTCTCCTTCACTTCTCTCTTGAAGAAGTGAAGGAGACACCGTTCGG	Hs.355927	11761	-0.5076625	0.45197607	0.066633573				-0.2458875	0.20865302	0.252339799								
VDR	NM_000376_bp835_R	AGCTAAAAAGGTCATTGGCTTTGCTAAGATTCTCTTGAAATCTTAGCAAAGCCAATGACCGG	Hs.524368	3192	-0.1708	0.24199532	0.333395598				0.148975	0.30474357	0.503369119								
VDR	NM_000376_bp835_R	AGCTAAAAAGGTCATTGGCTTTGCTAAGATTCTCTTGAAATCTTAGCAAAGCCAATGACCGG	Hs.524368	8568	-0.103575	0.27154906	0.561274132				-0.149875	0.51679666	0.578756975								
VDR	NM_000376_bp835_R	AGCTAAAAAGGTCATTGGCTTTGCTAAGATTCTCTTGAAATCTTAGCAAAGCCAATGACCGG	Hs.524368	13944	-0.106775	0.22355531	0.522897439				0.01595	0.52486887	0.947839088								
VEGF	NM_003376_bp1068_R	AGCTAAAAGAGGCCTTGCCTTGCTGCTCTATTCTCTTGAATAGAGCAGCAAGGCAAGGCTCGG	Hs.73793	996	-0.7189125	0.22477052	0.005722506				-0.5573375	0.48731398	0.065363362								
VEGF	NM_003376_bp1068_R	AGCTAAAAAGAGGCCTTGCCTTGCTGCTCTATTCTCTTGAATAGAGCAGCAAGGCAAGGCTCGG	Hs.73793	6372	-0.4636875	0.50327739	0.103805766				-0.5221625	0.42510442	0.066400222								
VEGF	NM_003376_bp1068_R	AGCTAAAAAGAGGCCTTGCCTTGCTGCTCTATTCTCTTGAATAGAGCAGCAAGGCAAGGCTCGG	Hs.73793	11748	-0.5281875	0.43920402	0.056076552				-0.5290625	0.41555805	0.061943894								
VEGF	NM_003376_bp1500_R	AGCTAAAAGCGCAAGAAATCCCGGTATAATCTCTTGAATTATACCGGGATTTCTTGCGCGG	Hs.73793	994	0.1785375	0.12776333	0.253443675				0.1935375	0.675545	0.539437027								
VEGF	NM_003376_bp1500_R	AGCTAAAAGCGCAAGAAATCCCGGTATAATCTCTTGAATTATACCGGGATTTCTTGCGCGG	Hs.73793	6370	0.1181125	0.18176586	0.458617654				0.1410125	0.6843332	0.654920615								
VEGF	NM_003376_bp1500_R	AGCTAAAAGCGCAAGAAATCCCGGTATAATCTCTTGAATTATACCGGGATTTCTTGCGCGG	Hs.73793	11746	0.1374125	0.17659654	0.390440544				0.1310375	0.7320027	0.690594838								
VEGF	NM_003376_bp1587_R	AGCTAAAAGACGTGTAAATGTTCCTGCAATCTCTTGAATTGCAGGAACATTTACACGTCGG	Hs.73793	995	-0.4391375	0.37180869	0.072194102				0.1237875	0.65261326	0.685574692								
VEGF	NM_003376_bp1587_R	AGCTAAAAGACGTGTAAATGTTCCTGCAATCTCTTGAATTGCAGGAACATTTACACGTCGG	Hs.73793	6371	-0.3726625	0.36685536	0.109698181				0.0756125	0.84839445	0.835088977								
VEGF	NM_003376_bp1587_R	AGCTAAAAGACGTGTAAATGTTCCTGCAATCTCTTGAATTGCAGGAACATTTACACGTCGG	Hs.73793	11747	-0.4205375	0.30893344	0.062331827				0.0631375	0.71941458	0.845324854								
VGLL4	AK126479_bp2768_R	AGCTAAAAGAGGATTCCATAGTGCTTTAATCTCTTGAATTAAAGCACTATGGAATCCTCGG	Hs.373959	3967	-0.8243875	0.24879263	0.003690611				-0.3883	0.28645004	0.108118169								
VGLL4	AK126479_bp2768_R	AGCTAAAAGAGGATTCCATAGTGCTTTAATCTCTTGAATTAAAGCACTATGGAATCCTCGG	Hs.373959	9343	-0.8407875	0.23298473	0.003073638				-0.3740625	0.2955461	0.121363526								
VGLL4	AK126479_bp2768_R	AGCTAAAAAGAGGATTCCATAGTGCTTTAATCTCTTGAATTAAAGCACTATGGAATCCTCGG	Hs.373959	14719	-0.7501125	0.28134163	0.006723388				-0.381925	0.26758578	0.10845947								
VGLL4	AK126479_bp2927_R	AGCTAAAAGCTGGTACAGTTGTACTCTAATCTCTTGAATTAGAGTACAACTGTACCAGCGG	Hs.373959	3963							-0.4463	0.2701308	0.070195067								
VGLL4	AK126479_bp2927_R	AGCTAAAAGCTGGTACAGTTGTACTCTAATCTCTTGAATTAGAGTACAACTGTACCAGCGG	Hs.373959	9339							-0.332525	0.29417079	0.159679201								
VGLL4	AK126479_bp2927_R	AGCTAAAAAGCTGGTACAGTTGTACTCTAATCTCTTGAATTAGAGTACAACTGTACCAGCGG	Hs.373959	14715							-0.382775	0.32621135	0.122378096								
VGLL4	AK126479_bp3963_R	AGCTAAAAGCAGGAACAGTTATTCTATGATCTCTTGAATCATAGAATAACTGTTCTCTGCGG	Hs.373959	3965	0.7000375	0.46796701	0.025343401				-0.29725	0.08080534	0.153537271								
VGLL4	AK126479_bp3963_R	AGCTAAAAGCAGGAACAGTTATTCTATGATCTCTTGAATCATAGAATAACTGTTCTCTGCGG	Hs.373959	9341	0.6157875	0.45677535	0.037286102				-0.234275	0.13492769	0.254605581								
VGLL4	AK126479_bp3963_R	AGCTAAAAGCAGGAACAGTTATTCTATGATCTCTTGAATCATAGAATAACTGTTCTCTGCGG	Hs.373959	14717	0.6084125	0.40902085	0.030751068				-0.2377	0.08528161	0.240153528								
VHL	NM_000551_bp592_R	AGCTAAAAAGGGCTTCTGGTTAACCAAACTTCTCTTGAAAGTTTGGTTAACCAGAAGCCCGG	Hs.517792	989	-0.4129125	0.26286397	0.053659073				-0.2141625	0.65487562	0.490579838								
VHL	NM_000551_bp592_R	AGCTAAAAAGGGCTTCTGGTTAACCAAACTTCTCTTGAAAGTTTGGTTAACCAGAAGCCCGG	Hs.517792	6365	-0.4150375	0.26991001	0.054510542				-0.2906625	0.72694409	0.387425116								
VHL	NM_000551_bp592_R	AGCTAAAAAGGGCTTCTGGTTAACCAAACTTCTCTTGAAAGTTTGGTTAACCAGAAGCCCGG	Hs.517792	11741	-0.4191875	0.19195098	0.037362704				-0.2736125	0.81480557	0.44864614								
VHL	NM_000551_bp622_R	AGCTAAAAGTGCCATCTCTCAATGTTGACTCTCTTGAACCAACATTGAGAGATGGCACGG	Hs.517792	2043	1.5983						-2.0412										
VHL	NM_000551_bp622_R	AGCTAAAAGTGCCATCTCTCAATGTTGACTCTCTTGAACCAACATTGAGAGATGGCACGG	Hs.517792	12795	2.62945	1.66601429	0.03490504				-2.0764										
VHL	NM_000551_bp622_R	AGCTAAAAGTGCCATCTCTCAATGTTGACTCTCTTGAACCAACATTGAGAGATGGCACGG	Hs.517792	7419	2.8968	1.9793333	0.040612865														
VHL	NM_000551_bp726_R	AGCTAAAAGCCTGAGAATTACAGGAGACTTCTCTTGAAAGTCTCCTGTAATTCTCAGGCGG	Hs.517792	990	-1.1406125	0.07141198	0.000340386				0.0451375	0.38000906	0.846967202								
VHL	NM_000551_bp726_R	AGCTAAAAGCCTGAGAATTACAGGAGACTTCTCTTGAAAGTCTCCTGTAATTCTCAGGCGG	Hs.517792	6366	-1.1791625	0.08609285	0.000304509				0.0289125	0.39483683	0.902872783								
VHL	NM_000551_bp726_R	AGCTAAAAGCCTGAGAATTACAGGAGACTTCTCTTGAAAGTCTCCTGTAATTCTCAGGCGG	Hs.517792	11742	-1.1971875	0.08353708	0.000280852				-0.0289375	0.51827231	0.913637661								
VIL2	NM_003379_bp271_R	AGCTAAAAGCCTCCACTATGTGGATAATATCTCTTGAATATTATCCACATAGTGGAGGCGG	Hs.487027	991	-0.7657875	0.261713	0.005471646				0.0588875	0.13545997	0.762528995								
VIL2	NM_003379_bp271_R	AGCTAAAAGCCTCCACTATGTGGATAATATCTCTTGAATATTATCCACATAGTGGAGGCGG	Hs.487027	6367	-0.6816125	0.3159249	0.01215696				0.0886375	0.1627682	0.655411188								
VIL2	NM_003379_bp271_R	AGCTAAAAGCCTCCACTATGTGGATAATATCTCTTGAATATTATCCACATAGTGGAGGCGG	Hs.487027	11743	-0.7748125	0.24076299	0.00458482				0.0323875	0.18790076	0.871412025								
VIL2	NM_003379_bp586_R	AGCTAAAGGCTGATCCCTCAAAGAGTGATCTCTTGAATCACTCTTTGAGGGATCAGCCGG	Hs.487027	993	-0.6343125	0.63981165	0.072075539				-0.1659125	0.30236222	0.45728426								
VIL2	NM_003379_bp586_R	AGCTAAAGGCTGATCCCTCAAAGAGTGATCTCTTGAATCACTCTTTGAGGGATCAGCCGG	Hs.487027	6369	-0.6636625	0.72232359	0.083417398				-0.1944125	0.36620361	0.412994092								
VIL2	NM_003379_bp586_R	AGCTAAAGGCTGATCCCTCAAAGAGTGATCTCTTGAATCACTCTTTGAGGGATCAGCCGG	Hs.487027	11745	-0.6596125	0.72699694	0.086049616				-0.2080875	0.39706077	0.395648708								
VIL2	NM_003379_bp798_R	AGCTAAAAGCCTTGGACTGATGAATATTATCTCTTGAATTTGGTTAACCAGAAGCCCGG	Hs.487027	992	-0.4822875	0.32019275	0.042964666				-0.1257625	0.35492325	0.58641167								
VIL2	NM_003379_bp798_R	AGCTAAAAGCCTTGGACTGATGAATATTATCTCTTGAATTTGGTTAACCAGAAGCCCGG	Hs.487027	6368	-0.4052375	0.27074276	0.058825087				-0.0830125	0.33073716	0.711682589								
VIL2	NM_003379_bp798_R	AGCTAAAAGCCCTTGGACTGATGAATATTATCTCTTGAATTTGGTTAACCAGAAGCCCGG	Hs.487027	11744	-0.3889625	0.24395676	0.059231169				-0.0642625	0.35317027	0.778191564								
VPS37B	BX640911_bp2166_R	AGCTAAAAGCTTGCTGGTTGGACCCTTATCTCTTGAATAAGAGGTCCAACCAGCAAGCGG	Hs.507162	9734	-0.2732	0.49693954	0.356360051	0.179275	0.83673486	0.646521374	0.192966667	1.09154892	0.689384665								
VPS37B	BX640911_bp2166_R	AGCTAAAAGCTTGCTGGTTGGACCCTTATCTCTTGAATAAGAGGTCCAACCAGCAAGCGG	Hs.507162	15110	-0.4141125	0.84710093	0.292398138	0.104825	0.45513464	0.664692625	0.318333333	1.00192539	0.489991132								
VPS37B	BX640911_bp2166_R	AGCTAAAAGCTTGCTGGTTGGACCCTTATCTCTTGAATAAGAGGTCCAACCAGCAAGCGG	Hs.507162	4358	-0.1241175	0.69504191	0.064580966	0.449975	0.61133107	0.085982293	1.3955	0.77590827	0.026793482								
VPS37B	BX640911_bp2322_R	AGCTAAAAAGCAAGCACAATGGCCGTAGTATCTCTTGAATACTACGGCCATTGTGCTTGCGG	Hs.507162	4360	0.288925	1.29520326	0.600472829	0.283975	0.62461641	0.370872533	1.5288	1.13871576	0.02217879								
VPS37B	BX640911_bp2322_R	AGCTAAAAAGCAAGCACAATGGCCGTAGTATCTCTTGAATACTACGGCCATTGTGCTTGCGG	Hs.507162	9736	0.5038	1.57890184	0.456071524	0.426425	0.91530054	0.335229707	1.5295	1.4846414	0.063463558								
VPS37B	BX640911_bp2322_R	AGCTAAAAAGCAAGCACAATGGCCGTAGTATCTCTTGAATACTACGGCCATTGTGCTTGCGG	Hs.507162	15112	0.4101	1.40173278	0.494717036	0.44925	0.69497706	0.174364226	1.4811	1.98541442	0.121785087								
VPS37B	BX640911_bp2829_R	AGCTAAAAGGGTGATCATTCGAGAATAAATCTCTTGAATTTATTCTCGAATGATCACCCGG	Hs.507162	4356	0.38133333	0.03210021	0.084720592	-0.53565	0.21023837	0.021476066	0.162	1.63617622	0.808430929								
VPS37B	BX640911_bp2829_R	AGCTAAAAGGGTGATCATTCGAGAATAAATCTCTTGAATTTATTCTCGAATGATCACCCGG	Hs.507162	9732	0.9579	0.74375284	0.050166015	-0.204	0.62354696	0.510171056	0.4322	1.48633845	0.514032193								
VPS37B	BX640911_bp2829_R	AGCTAAAAGGGTGATCATTCGAGAATAAATCTCTTGAATTTATTCTCGAATGATCACCCGG	Hs.507162	15108	0.5832	0.1372246	0.029384217				0.7488	1.85912515	0.356194039								
VRK1	NM_003384_bp221_R	AGCTAAAAAGCTGTATATATCTTGCTGATATCTCTTGAATATCAGCAAGATATATACAGCGG	Hs.422662	1594	-0.9427			0.447733333	2.72971176	0.731309103											
VRK1	NM_003384_bp221_R	AGCTAAAAAGCTGTATATATCTTGCTGATATCTCTTGAATATCAGCAAGATATATACAGCGG	Hs.422662	6970	-0.8656			0.5245	2.6877054	0.684115016											
VRK1	NM_003384_bp221_R	AGCTAAAAAGCTGTATATATCTTGCTGATATCTCTTGAATATCAGCAAGATATATACAGCGG	Hs.422662	12346	-0.9285			0.807233333	2.9324872	0.570316925											
VRK1	NM_003384_bp418_R	AGCTAAAAGGGTCTGGTCTACATGACAAATCTCTTGAATTTGTCATGTAGACCAGACCCGG	Hs.422662	344	0.1295	0.23588578	0.450303684	-0.0868875	0.19947671	0.596354422											
VRK1	NM_003384_bp418_R	AGCTAAAAGGGTCTGGTCTACATGACAAATCTCTTGAATTTGTCATGTAGACCAGACCCGG	Hs.422662	5720	0.1126	0.29428861	0.542121802	-0.1369375	0.1667189	0.395579495											
VRK1	NM_003384_bp418_R	AGCTAAAAGGGTCTGGTCTACATGACAAATCTCTTGAATTTGTCATGTAGACCAGACCCGG	Hs.422662	11096	0.14555	0.27334548	0.423263884	-0.1933625	0.19921653	0.266611342											
VRK1	NM_003384_bp922_R	AGCTAAAAAGCAAGTTTGATGGACAAATGTTCTCTTGAAACATTTGTCCATCAAACTTGCGG	Hs.422662	345	-0.220925	1.06080396	0.629308263	-0.0167625	0.20100672	0.917444449											
VRK1	NM_003384_bp922_R	AGCTAAAAAGCAAGTTTGATGGACAAATGTTCTCTTGAAACATTTGTCCATCAAACTTGCGG	Hs.422662	5721	-0.248625	1.1284203	0.608268245	-0.0170875	0.25111274	0.921892759											
VRK1	NM_003384_bp922_R	AGCTAAAAAGCAAGTTTGATGGACAAATGTTCTCTTGAAACATTTGTCCATCAAACTTGCGG	Hs.422662	11097	-0.19745	1.07887861	0.670097948	0.0382625	0.21852898	0.818057078											
VRK2	NM_006296_bp1064_R	AGCTAAAAGTGCTCATAGTTTAGCATATGTCTCTTGAACATATGCTAAACTATGAGCACGG	Hs.468623	1823				-5.641													
VRK2	NM_006296_bp1064_R	AGCTAAAAGTGCTCATAGTTTAGCATATGTCTCTTGAACATATGCTAAACTATGAGCACGG	Hs.468623	7199				-6.6113													
VRK2	NM_006296_bp1064_R	AGCTAAAAGTGCTCATAGTTTAGCATATGTCTCTTGAACATATGCTAAACTATGAGCACGG	Hs.468623	12575				-4.5963													
VRK2	NM_006296_bp519_R	AGCTAAAAGGGAAGAAGTTACAGATTTATTCTCTTGAAATAAACTCTGTAACTTCTTCCCGG	Hs.468623	1849	1.1774	0.32219316	0.005113503	-1.804366667	0.83179239	0.014608552											
VRK2	NM_006296_bp519_R	AGCTAAAAGGGAAGAAGTTACAGATTTATTCTCTTGAAATAAACTCTGTAACTTCTTCCCGG	Hs.468623	7225	1.7052	0.94601156	0.007003415	-3.481766667	1.63751025	0.01248474											
VRK2	NM_006296_bp519_R	AGCTAAAAGGGAAGAAGTTACAGATTTATTCTCTTGAAATAAACTCTGTAACTTCTTCCCGG	Hs.468623	12601	1.5502	0.84777647	0.006977428	-1.6523	0.53959247	0.006963404											
VRK2	NM_006296_bp908_R	AGCTAAAAGGTGGTTGTGGGGAAACTCTCTCTTGAAGAAGTTTCCCACACAAACCACCGG	Hs.468623	1851	-1.004375	3.31897671	0.471296075	1.480533333	2.8253424	0.30875225											
VRK2	NM_006296_bp908_R	AGCTAAAAGGTGGTTGTGGGGAAACTCTCTCTTGAAGAAGTTTCCCACACAAACCACCGG	Hs.468623	7227	-1.1529	3.56780642	0.443191131	1.700266667	2.96784899	0.272235356											
VRK2	NM_006296_bp908_R	AGCTAAAAGGTGGTTGTGGGGAAACTCTCTCTTGAAGAAGTTTCCCACACAAACCACCGG	Hs.468623	12603	-1.221125	3.49361435	0.409340658	1.407133333	2.46530551	0.275207391											
VRK3	NM_016440_bp1321_R	AGCTAAAAGAAGTGGCCTCACGGGTTTCTCTCTTGAAACGAACCCGTAGAGCCACTTCGG	Hs.443330	565	-2.155616667	2.56126487	0.110700418	-2.774933333	2.3346204	0.132903968											
VRK3	NM_016440_bp1321_R	AGCTAAAAGAAGTGGCCTCACGGGTTTCTCTCTTGAAACGAACCCGTAGAGCCACTTCGG	Hs.443330	5941	-1.67995	2.16483457	0.103952573	-3.631566667	3.800109	0.104743281											
VRK3	NM_016440_bp1321_R	AGCTAAAAGAAGTGGCCTCACGGGTTTCTCTCTTGAAACGAACCCGTAGAGCCACTTCGG	Hs.443330	11317	-2.92615			-3.16	3.55053027	0.122661405											
VRK3	NM_016440_bp277_R	AGCTAAAAGTCCCAGACCTTTGTCAATCCTCTCTTGAAGGATTGACAAAGGTCTGGGACCGG	Hs.443330	1726	0.9061	2.70297863	0.428788946	-0.801966667	3.02372388	0.583614049											
VRK3	NM_016440_bp277_R	AGCTAAAAGTCCCAGACCTTTGTCAATCCTCTCTTGAAGGATTGACAAAGGTCTGGGACCGG	Hs.443330	7102	1.895775	4.14024766	0.290808695	-1.444	3.99824767	0.462663824											
VRK3	NM_016440_bp277_R	AGCTAAAAGTCCCAGACCTTTGTCAATCCTCTCTTGAAGGATTGACAAAGGTCTGGGACCGG	Hs.443330	12478	2.06075	4.98963001	0.335152709	-2.029333333	4.99581202	0.413016368											
VRK3	NM_016440_bp799_R	AGCTAAAAGATGGGCGCTGTTCAATGATCTCTTGAATCATTGAACAAGGGCCCATCCCGG	Hs.443330	566	0.99735	2.78587848	0.086576685	0.0363	2.70227928	0.978710798											
VRK3	NM_016440_bp799_R	AGCTAAAAGATGGGCGCTGTTCAATGATCTCTTGAATCATTGAACAAGGGCCCATCCCGG	Hs.443330	5942	2.2671	2.43162687	0.062332616	-1.32125	4.31667477	0.55479447											
VRK3	NM_016440_bp799_R	AGCTAAAAGATGGGCGCTGTTCAATGATCTCTTGAATCATTGAACAAGGGCCCATCCCGG	Hs.443330	11318	2.171075	2.35975832	0.064925632	-1.293333333	3.53515556	0.45769033											
WASF1	BC044591_bp1700_R	AGCTAAAAGGTCCCCATGTTCCAATTAATGTCTCTTGAACATTAATGGAACATGGGGACCGG	Hs.75850	4340	-0.239575	0.24683698	0.196103893	0.820825	0.49199025	0.021870381	0.8765	0.56884898	0.034838958								
WASF1	BC044591_bp1700_R	AGCTAAAAGGTCCCCATGTTCCAATTAATGTCTCTTGAACATTAATGGAACATGGGGACCGG	Hs.75850	9716	-0.152866667	0.27404519	0.488738938	0.685225	0.63839623	0.070840243	0.825133333	0.36086873	0.024910785								
WASF1	BC044591_bp1700_R	AGCTAAAAGGTCCCCATGTTCCAATTAATGTCTCTTGAACATTAATGGAACATGGGGACCGG	Hs.75850	15092	-0.204			0.73185	0.61094956	0.053122586											
WASF1	BC044591_bp1920_R	AGCTAAAAGCCGTATTGCTGTTGAATATATCTCTTGAATATATTCAACAGCAATACGGCGG	Hs.75850	4338	-0.652025	0.8113926	0.112552378	-0.8241	0.55468267	0.029004598	-0.0563	0.84075711	0.88789547								
WASF1	BC044591_bp1920_R	AGCTAAAAGCCGTATTGCTGTTGAATATATCTCTTGAATATATTCAACAGCAATACGGCGG	Hs.75850	9714	-0.135433333	2.66994835	0.53376442	-0.826666667	0.84901133	0.122310042	-0.03853333	0.49798402	0.899483774								
WASF1	BC044591_bp1920_R	AGCTAAAAGCCGTATTGCTGTTGAATATATCTCTTGAATATATTCAACAGCAATACGGCGG	Hs.75850	15090	-0.30795	0.42464571	0.200479737	-0.30265	0.51630134	0.281033303	0.189733333	0.80578673	0.629475041								
WASF1	BC044591_bp525_R	AGCTAAAAGTGTGGACCGTTTATCTGTTATCTCTTGAATACAGATAAACGGTCCACACGG	Hs.75850	4342	0.057225	0.23143532	0.730796306	-0.182125	0.30449983	0.360992813	-0.31506667	0.4824767	0.321233078								
WASF1	BC044591_bp525_R	AGCTAAAAGTGTGGACCGTTTATCTGTTATCTCTTGAATACAGATAAACGGTCCACACGG	Hs.75850	15094	-0.00525	0.36876743	0.979294868	-0.47375	0.32551906	0.056129481	-0.0082	0.32744781	0.975719066								
WASF1	BC044591_bp525_R	AGCTAAAAGTGTGGACCGTTTATCTGTTATCTCTTGAATACAGATAAACGGTCCACACGG	Hs.75850	9718	0.0334	0.1480157	0.822643357	-0.362033433	0.32113415	0.184635248	0.2031	0.49412622	0.597909078								
WASF3	BC050283_bp1210_R	AGCTAAAAGCGCAGATAATTGAGTATTACTCTCTTGAAGTAATACTCAATTATCTGCGCGG	Hs.82318	4424	-0.038	0.25935334	0.825563053	-0.095575	0.4436486	0.687208825	-0.0431	0.38289694	0.877114356								
WASF3	BC050283_bp1210_R	AGCTAAAAGCGCAGATAATTGAGTATTACTCTCTTGAAGTAATACTCAATTATCTGCGCGG	Hs.82318	9800	0.033425	0.16080915	0.825024735	-0.2567	0.35689987	0.250404713	-0.37826667	0.34066729	0.202706056								
WASF3	BC050283_bp1210_R	AGCTAAAAGCGCAGATAATTGAGTATTACTCTCTTGAAGTAATACTCAATTATCTGCGCGG	Hs.82318	15176	0.645166667	0.05009534	0.013368801	-0.321625	0.5867443	0.295943608	-0.1243	0.25383465	0.63366826								
WASF3	BC050283_bp272_R	AGCTAAAAGAGCTCTGCCTGAAGGGATATATCTCTTGAATAATCCCTTCAGGCAGAGCTCGG	Hs.82318	4428	-0.491825	0.69680326	0.160578675	-0.0758	0.58516552	0.79252168	-0.0042	0.2952177	0.987305559								
WASF3	BC050283_bp272_R	AGCTAAAAGAGCTCTGCCTGAAGGGATATATCTCTTGAATAATCCCTTCAGGCAGAGCTCGG	Hs.82318	9804	-0.1935	0.62650523	0.512411162	-0.10915	0.70868164	0.74599405	0.110533333	0.39853399	0.698308654								
WASF3	BC050283_bp272_R	AGCTAAAAGAGCTCTGCCTGAAGGGATATATCTCTTGAATAATCCCTTCAGGCAGAGCTCGG	Hs.82318	15180	0.303425	0.56738401	0.286799485	-0.320325	1.06847247	0.516157547	0.141533333	0.37518534	0.606316388								
WASF3	BC050283_bp858_R	AGCTAAAAGGGCATTGAGTTATGAGTGATCTCTTGAATCACTCATAAACTCAATGCCCGG	Hs.82318	4426	-0.4327	0.52284237	0.131078086	-0.2785	0.39466769	0.24127387	-0.3566	0.47599255	0.265882269								
WASF3	BC050283_bp858_R	AGCTAAAAGGGCATTGAGTTATGAGTGATCTCTTGAATCACTCATAAACTCAATGCCCGG	Hs.82318	9802	-0.39855	0.95437768	0.354727212	-0.48485	1.14269953	0.367367898	-0.06913333	0.46941816	0.817127196								
WASF3	BC050283_bp858_R	AGCTAAAAGGGCATTGAGTTATGAGTGATCTCTTGAATCACTCATAAACTCAATGCCCGG	Hs.82318	15178	-0.119	0.40446939	0.583025173	-0.453575	0.81882144	0.267249688	-0.40426667	1.03301324	0.397318876								
WDR1	BX648190_bp1566_R	AGCTAAAACGGCCGAGATATACATCTATTCCTCTTGAAATAGATGTATATCTGGCCGTCGG	Hs.128548	4542	0.788725	0.64208916	0.037090379	0.5238	0.75083388	0.182581579	-0.20923333	1.55324345	0.743879163								
WDR1	BX648190_bp1566_R	AGCTAAAACGGCCGAGATATACATCTATTCCTCTTGAAATAGATGTATATCTGGCCGTCGG	Hs.128548	9918	0.8685	0.67700157	0.030876383	0.775275	0.31098612	0.009928319	0.565866667	1.86311681	0.461967193								
WDR1	BX648190_bp1566_R	AGCTAAAACGGCCGAGATATACATCTATTCCTCTTGAAATAGATGTATATCTGGCCGTCGG	Hs.128548	15294	0.85005	0.47832659	0.012994067	0.65255	0.4535245	0.038692788	-0.68386667	0.92841809	0.151723861								
WDR1	BX648190_bp2868_R	AGCTAAAAGAGCCCTCATGTGGCGTTGAAATCTCTTGAATTTCAACGCCACATGAGGCTCGG	Hs.128548	4540	-0.219625	0.20960379	0.209509784	-1.53465	0.28794586	0.000533432	0

WHSC1	NM_014919_bp2803_R	AGCTAAAAGCACCTCACTTATGGGAGTGTTCTCTTGAAACACTCCCATAAGTGAGGTGCGG	Hs.113876	2956	0.13835	1.03212196	0.754900229					-0.35205	0.57636622	0.240729543											
WHSC1	NM_014919_bp2803_R	AGCTAAAAGCACCTCACTTATGGGAGTGTTCTCTTGAAACACTCCCATAAGTGAGGTGCGG	Hs.113876	8332	0.087725	0.82423913	0.808815555					-0.432625	0.59806211	0.168107768											
WHSC1	NM_014919_bp2803_R	AGCTAAAAGCACCTCACTTATGGGAGTGTTCTCTTGAAACACTCCCATAAGTGAGGTGCGG	Hs.113876	13708	0.121325	1.02169279	0.782081787					-0.134225	0.80234895	0.701734382											
WHSC1	NM_014919_bp897_R	AGCTAAAAGGGAAGCCTCTCTTTGAATCTTCTCTTGAAAGATTCAAAGAGAGGCTTCCCGG	Hs.113876	2960	0.28025	0.67475529	0.379932006					0.18055	1.59885349	0.769519697											
WHSC1	NM_014919_bp897_R	AGCTAAAAGGGAAGCCTCTCTTTGAATCTTCTCTTGAAAGATTCAAAGAGAGGCTTCCCGG	Hs.113876	8336	0.2336	0.59069996	0.414131488					0.00235	1.33984015	0.996425336											
WHSC1	NM_014919_bp897_R	AGCTAAAAGGGAAGCCTCTCTTTGAATCTTCTCTTGAAAGATTCAAAGAGAGGCTTCCCGG	Hs.113876	13712	0.267225	0.64684042	0.38605738					0.112475	1.52550446	0.848647202											
WHSC1LL1	NM_023034_bp1366_R	AGCTAAAAGGTGGCCTTGTATGGTTTCAATCTCTTGAATTGAAACCATACAAGGCCACCGG	Hs.32099	3073	-0.16395	0.36252748	0.429167491					-0.30795	0.2224966	0.167132109											
WHSC1LL1	NM_023034_bp1366_R	AGCTAAAAGGTGGCCTTGTATGGTTTCAATCTCTTGAATTGAAACCATACAAGGCCACCGG	Hs.32099	8449	0.00725	0.6668948	0.980919706					-0.6527	0.94591583	0.17215859											
WHSC1LL1	NM_023034_bp1366_R	AGCTAAAAGGTGGCCTTGTATGGTTTCAATCTCTTGAATTGAAACCATACAAGGCCACCGG	Hs.32099	13825	0.01935	0.40159702	0.927427769					-1.071975	0.36212519	0.002703059											
WHSC1LL1	NM_023034_bp2422_R	AGCTAAAAGCGCCTCAACTGATGTAGAAATCTCTTGAATTTCTACATCAGTTGAGGCGCCGG	Hs.32099	3070	-0.6308	0.12666968	0.006002234					0.3556	0.37949812	0.162841169											
WHSC1LL1	NM_023034_bp2422_R	AGCTAAAAGCGCCTCAACTGATGTAGAAATCTCTTGAATTTCTACATCAGTTGAGGCGCCGG	Hs.32099	8446	-0.8692	0.32909658	0.004883362					0.377425	0.65015233	0.241192909											
WHSC1LL1	NM_023034_bp2422_R	AGCTAAAAGCGCCTCAACTGATGTAGAAATCTCTTGAATTTCTACATCAGTTGAGGCGCCGG	Hs.32099	13822	-0.593175	0.45343278	0.041507359					0.520475	0.6354875	0.118645285											
WHSC1LL1	NM_023034_bp2958_R	AGCTAAAAGGCCGCATGATGAGATGTTTATCTCTTGAATAAACATCTCATCATCGCGGCCGG	Hs.32099	3072	-1.074675	0.26232234	0.001237501					-0.003175	1.3627531	0.995241452	-0.398625	0.1735103	0.01937118	-0.449725	0.30983471	0.062350047					
WHSC1LL1	NM_023034_bp2958_R	AGCTAAAAGGCCGCATGATGAGATGTTTATCTCTTGAATAAACATCTCATCATCGCGGCCGG	Hs.32099	8448	-1.0466	0.27468678	0.001514956					-0.0215	1.39297783	0.968401708	0.1741	0.20797739	0.1926808	0.170333333	0.30934177	0.440878544					
WHSC1LL1	NM_023034_bp2958_R	AGCTAAAAGGCCGCATGATGAGATGTTTATCTCTTGAATAAACATCTCATCATCGCGGCCGG	Hs.32099	13824	-1.03155	0.26125856	0.001480342					0.007075	1.33534219	0.989206761	0.207475	0.14746044	0.067071713	0.098125	0.43923919	0.685307936					
WNK1	NM_018979_bp1508_R	AGCTAAAAGGCTACGTATTGAAGATATTATCTCTTGAATAATATCTTCAATACGTAGCCGG	Hs.504432	1814			0.5553																		
WNK1	NM_018979_bp1508_R	AGCTAAAAGGCTACGTATTGAAGATATTATCTCTTGAATAATATCTTCAATACGTAGCCGG	Hs.504432	7190			0.6741																		
WNK1	NM_018979_bp1508_R	AGCTAAAAGGCTACGTATTGAAGATATTATCTCTTGAATAATATCTTCAATACGTAGCCGG	Hs.504432	12566			0.6662																		
WNK1	NM_018979_bp3988_R	AGCTAAAAGACCAACATTTCCAGTAGTATCTCTTGAATCACTACTGGAAATGTTGGTCCGG	Hs.504432	1816			-0.2946																		
WNK1	NM_018979_bp3988_R	AGCTAAAAGACCAACATTTCCAGTAGTATCTCTTGAATCACTACTGGAAATGTTGGTCCGG	Hs.504432	7192			0.0244																		
WNK1	NM_018979_bp3988_R	AGCTAAAAGGACCAACATTTCCAGTAGTATCTCTTGAATCACTACTGGAAATGTTGGTCCGG	Hs.504432	12568			0.0821																		
WNK1	NM_018979_bp5863_R	AGCTAAAAGTGGGTCGTTTCTCTGTATCATCTCTTGAATGATACAGAAAACGACCCACGG	Hs.504432	1818	7.5779	2.00826995	0.000802568	3.7123	3.98146176	0.077778384															
WNK1	NM_018979_bp5863_R	AGCTAAAAGTGGGTCGTTTCTCTGTATCATCTCTTGAATGATACAGAAAACGACCCACGG	Hs.504432	7194	7.311066667	2.43188332	0.001866703	3.161175	2.86704113	0.048632897															
WNK1	NM_018979_bp5863_R	AGCTAAAAGTGGGTCGTTTCTCTGTATCATCTCTTGAATGATACAGAAAACGACCCACGG	Hs.504432	12570	7.567433333	1.44946553	0.000242959	2.9577	1.83833723	0.014228094															
WNK2	NM_006648_bp1314_R	AGCTAAAAAGGAGGAAAGGTACGAGATCAATCTCTTGAATTGATCTCGTACCTTTCCTCCGG	Hs.522291	539	1.11225	4.06389765	0.504748445	-1.658	3.66759515	0.368958452															
WNK2	NM_006648_bp1314_R	AGCTAAAAGGAGGAAAGGTACGAGATCAATCTCTTGAATTGATCTCGTACCTTTCCTCCGG	Hs.522291	5915	0.8819	4.38065289	0.625764156	-2.611633333	2.86228878	0.117042752															
WNK2	NM_006648_bp1314_R	AGCTAAAAGGAGGAAAGGTACGAGATCAATCTCTTGAATTGATCTCGTACCTTTCCTCCGG	Hs.522291	11291	0.91185	4.71463604	0.638943379	-2.7877	3.67758577	0.169451602															
WNK2	NM_006648_bp3685_R	AGCTAAAAGCCACGTATATGGTGGAGCATTTCTTGAAATGCTCCACCATATACGTGGCCGG	Hs.522291	1871	-0.15595	0.85234996	0.677932491	2.7146	0.11016724	0.003632033															
WNK2	NM_006648_bp3685_R	AGCTAAAAGCCACGTATATGGTGGAGCATTTCTTGAAATGCTCCACCATATACGTGGCCGG	Hs.522291	7247	-0.19155	1.06534208	0.657588922	2.4435	0.92776509	0.00750626															
WNK2	NM_006648_bp3685_R	AGCTAAAAGCCACGTATATGGTGGAGCATTTCTTGAAATGCTCCACCATATACGTGGCCGG	Hs.522291	12623	-0.227	0.91671968	0.573602555	2.341133333	1.04099064	0.011784107															
WNK2	NM_006648_bp6146_R	AGCTAAAAGAGTGACCTATAAGTCTAGTATCTCTTGAATACTAGACTTATAGGTCACTCGG	Hs.522291	1897	1.5381	0.60288296	0.00217539	-2.612066667	3.53470577	0.177876964															
WNK2	NM_006648_bp6146_R	AGCTAAAAGAGTGACCTATAAGTCTAGTATCTCTTGAATACTAGACTTATAGGTCACTCGG	Hs.522291	7273	2.081925	1.07130759	0.004854406	-2.837133333	2.29909182	0.132156291															
WNK2	NM_006648_bp6146_R	AGCTAAAAGAGTGACCTATAAGTCTAGTATCTCTTGAATACTAGACTTATAGGTCACTCGG	Hs.522291	12649	2.09485	1.01200485	0.003790946	-2.6696	3.15727463	0.137055733															
WNK3	NM_020922_bp1717_R	AGCTAAAAAGCTGCATCAGTTATACATTCATCTCTTGAATGAATGTATAACTGATGCAGCGG	Hs.92423	659	0.994375	0.31999063	0.002571674	-0.210833333	0.20677583	0.341011305															
WNK3	NM_020922_bp1717_R	AGCTAAAAAGCTGCATCAGTTATACATTCATCTCTTGAATGAATGTATAACTGATGCAGCGG	Hs.92423	6035	1.00625	0.24457628	0.001485987	-0.1663	0.41361345	0.473132595															
WNK3	NM_020922_bp1717_R	AGCTAAAAAGCTGCATCAGTTATACATTCATCTCTTGAATGAATGTATAACTGATGCAGCGG	Hs.92423	11411	0.209225	1.80087355	0.779525044	-0.330966667	1.54681143	0.153275011															
WNK3	NM_020922_bp2610_R	AGCTAAAAGTGGCGATTCTGTATCAATCATCTCTTGAATGATTGATACAGAATCGCCACGG	Hs.92423	1862	1.0113	1.31722783	0.146066455	-0.429	1.02556535	0.427387461															
WNK3	NM_020922_bp2610_R	AGCTAAAAGTGGCGATTCTGTATCAATCATCTCTTGAATGATTGATACAGAATCGCCACGG	Hs.92423	7238	1.74375	2.12379522	0.146444541	-0.393433333	1.15708825	0.506586929															
WNK3	NM_020922_bp2610_R	AGCTAAAAGTGGCGATTCTGTATCAATCATCTCTTGAATGATTGATACAGAATCGCCACGG	Hs.92423	12614	-0.6022		-0.937	0.8483488	0.092266518																
WNK3	NM_020922_bp5208_R	AGCTAAAAAGCCTCACGTTTGTCAGTATAATCTCTTGAATTATACTGACAAACGTGAGGCCGG	Hs.92423	12616	1.43375	0.78650582	0.007386743	0.097925	0.30255022	0.609680625															
WNK3	NM_020922_bp5208_R	AGCTAAAAAGCCTCACGTTTGTCAGTATAATCTCTTGAATTATACTGACAAACGTGAGGCCGG	Hs.92423	1864	0.874933333	0.16535629	0.00818889	-0.1567	0.55969317	0.629517743															
WNK3	NM_020922_bp5208_R	AGCTAAAAGCCTCACGTTTGTCAGTATAATCTCTTGAATTATACTGACAAACGTGAGGCCGG	Hs.92423	7240	2.10425	2.27050879	0.063700121	-0.162966667	1.66688755	0.657014177															
WNK4	NM_033387_bp2118_R	AGCTAAAAGATGGTGACCTTCCGATTGATCTCTTGAATCAAATCGGAAGGTCACCATCGG	Hs.105448	748	-0.35275	0.43727127	0.158217389	-0.195875	0.20291263	0.263469647															
WNK4	NM_033387_bp2118_R	AGCTAAAAGATGGTGACCTTCCGATTGATCTCTTGAATCAAATCGGAAGGTCACCATCGG	Hs.105448	6124	-0.228875	0.32314957	0.258920632	0.023775	0.21678068	0.885821222															
WNK4	NM_033387_bp2118_R	AGCTAAAAGATGGTGACCTTCCGATTGATCTCTTGAATCAAATCGGAAGGTCACCATCGG	Hs.105448	11500	-0.2311	0.82468989	0.531541989	0.09135	0.2789411	0.620750773															
WNK4	NM_033387_bp2167_R	AGCTAAAAAGCAGCTGCCATGGTATATAACTCTCTTGAAGTTATATACCATGGCAGCTGCGG	Hs.105448	749	0.0505	0.87185563	0.894216377	-0.0832	0.4576122	0.730678419															
WNK4	NM_033387_bp2167_R	AGCTAAAAGCAGCTGCCATGGTATATAACTCTCTTGAAGTTATATACCATGGCAGCTGCGG	Hs.105448	6125	0.1666	0.8877441	0.668888836	0.166875	0.50744664	0.527824807															
WNK4	NM_033387_bp2167_R	AGCTAAAAGCAGCTGCCATGGTATATAACTCTCTTGAAGTTATATACCATGGCAGCTGCGG	Hs.105448	11501	0.1922	0.98741838	0.653569989	0.14215	0.47686972	0.572252177															
WNK4	NM_033387_bp532_R	AGCTAAAAGCCGATACCTCAAGTTTGACTCTCTTGAAGTCAAACTTGAGGTATCGGCCCGG	Hs.105448	750	-0.6948	0.34984075	0.013739906	-0.536525	0.51364654	0.0873306															
WNK4	NM_033387_bp532_R	AGCTAAAAGCCGATACCTCAAGTTTGACTCTCTTGAAGTCAAACTTGAGGTATCGGCCCGG	Hs.105448	6126	-0.1233	0.32679714	0.594425186	0.051533333	0.61893879	0.880437661															
WNK4	NM_033387_bp532_R	AGCTAAAAGCCGATACCTCAAGTTTGACTCTCTTGAAGTCAAACTTGAGGTATCGGCCCGG	Hs.105448	11502	-0.0918	0.32018377	0.629906388	0.319366667	0.54202246	0.341826939															
WNT1	NM_005430_bp1083_R	AGCTAAAAGCCCAACTTCTGCACGTACAGTCTCTTGAACTGTACGTGCAGAAGTTGGGCGGG	Hs.248164	988	-0.7446625	0.104701351	0.002609055					-0.4939375	0.61812641	0.129658194											
WNT1	NM_005430_bp1083_R	AGCTAAAAGCCCAACTTCTGCACGTACAGTCTCTTGAACTGTACGTGCAGAAGTTGGGCGGG	Hs.248164	6364	-0.7206625	0.11658769	0.003262996					-0.4492125	0.57610164	0.147489615											
WNT1	NM_005430_bp1083_R	AGCTAAAAGCCCAACTTCTGCACGTACAGTCTCTTGAACTGTACGTGCAGAAGTTGGGCGGG	Hs.248164	11740	-0.7063875	0.1451574	0.004032375					-0.3824625	0.56510274	0.202650626											
WNT1	NM_005430_bp2021_R	AGCTAAAAGCCACGAGTTTGGATGTGTATATCTCTCTTGAATGAGATATTAACACCATCGG	Hs.248164	2041	0.0913875	0.612200033	0.748491382					-0.6197125	1.69291899	0.356163826											
WNT1	NM_005430_bp2021_R	AGCTAAAAGCCACGAGTTTGGATGTGTATATCTCTCTTGAATGAGATATTAACACCATCGG	Hs.248164	7417	0.0175875	0.53015728	0.944961247					-0.6875375	1.75739922	0.32514146											
WNT1	NM_005430_bp2021_R	AGCTAAAAGCCACGAGTTTGGATGTGTATATCTCTCTTGAATGAGATATTAACACCATCGG	Hs.248164	12793	0.0103625	0.59308367	0.970123381					-0.6609125	1.73081527	0.33448979											
WNT1	NM_005430_bp570_R	AGCTAAAAGGCGTTTATCTTCGCTATCACTCTCTTGAAGTGATAGCGAAGATAAACGCCGG	Hs.248164	987	-1.0194375	0.10119843	0.006839029					-0.1013375	0.59594522	0.729504068											
WNT1	NM_005430_bp570_R	AGCTAAAAGGCGTTTATCTTCGCTATCACTCTCTTGAAGTGATAGCGAAGATAAACGCCGG	Hs.248164	6363	-0.8538625	0.37900256	0.007179169					0.0935375	1.07295797	0.83001854											
WNT1	NM_005430_bp570_R	AGCTAAAAGGCGTTTATCTTCGCTATCACTCTCTTGAAGTGATAGCGAAGATAAACGCCGG	Hs.248164	11739	-0.9978625	0.3340871	0.002778444					0.3030375	0.67475041	0.347191411											
XK	232684_bp1166_R	AGCTAAAAGCCATTCTCTTCATGCTTGTATCTCTTGAATCAAGCATGAAGAGAATGGCCGG	Hs.78919	4909	0.6563375	0.46998737	0.032040033	1.3012625	0.27562624	0.000991426					0.511275	0.22970718	0.02109485	0.178875	0.20031424	0.172087696					
XK	232684_bp1166_R	AGCTAAAAGCCATTCTCTTCATGCTTGTATCTCTTGAATCAAGCATGAAGAGAATGGCCGG	Hs.78919	10285	0.85995	0.11525234	0.007626827	1.1565125	0.21404082	0.001096375					0.51555	0.31168025	0.045453417	0.256	0.21549015	0.097973019					
XK	232684_bp1166_R	AGCTAAAAGCCATTCTCTTCATGCTTGTATCTCTTGAATCAAGCATGAAGAGAATGGCCGG	Hs.78919	15661	0.85475	0.10206883	0.005775381	1.2890875	0.33443136	0.001522238					0.476575	0.24130709	0.028945443	0.222975	0.21811057	0.133454183					
XK	232684_bp694_R	AGCTAAAAGCCTCTGGCCTATGTCTGTATTCTCTTGAAATACAGACATAGGCCAGAGGCCGG	Hs.78919	4907	-0.73665	0.90446028	0.190204275	-0.1028							0.033066667	0.17626016	0.776070808	-0.282975	0.53639608	0.368841343					
XK	232684_bp694_R	AGCTAAAAGCCTCTGGCCTATGTCTGTATTCTCTTGAAATACAGACATAGGCCAGAGGCCGG	Hs.78919	15659	-0.510066667	0.65502799	0.18017191	0.03615	0.06286179	0.894418148					0.07995	0.42999163	0.836306317	-0.10205	0.48184424	0.700406205					
XK	232684_bp694_R	AGCTAAAAGCCTCTGGCCTATGTCTGTATTCTCTTGAAATACAGACATAGGCCAGAGGCCGG	Hs.78919	10283	-0.0585		-0.1088								0.013066667	0.27737342	0.942399804	-0.090225	0.39958485	0.682211177					
XK	232684_bp789_R	AGCTAAAAGGGTGGTGGTTATAATACTCATCTCTTGAATGAGTATTATAACCACCACCCGG	Hs.78919	4911	0.7786625	0.24461599	0.004594971	0.2607125	0.16688858	0.140577058					1.04015	0.22620153	0.002718919	0.840225	0.22799284	0.005162997					
XK	232684_bp789_R	AGCTAAAAGGGTGGTGGTTATAATACTCATCTCTTGAATGAGTATTATAACCACCACCCGG	Hs.78919	10287	0.7162875	0.18958064	0.004765371	0.2094375	0.19845208	0.233826103					0.978175	0.21134702	0.002667886	0.924125	0.2196128	0.003519789					
XK	232684_bp789_R	AGCTAAAAGGGTGGTGGTTATAATACTCATCTCTTGAATGAGTATTATAACCACCACCCGG	Hs.78919	15663	0.7229375	0.16196302	0.003961728	0.2783125	0.27181285	0.169438958					1.0164	0.27607225	0.005177795	0.94345	0.2355059	0.004058776					
YES1	NM_005433_bp1205_R	AGCTAAAAGCTGCTAATATTCTTGTAGGATCTCTTGAATCCTACAAGAATTATGACAGCGG	Hs.194148	1671	-1.183775	0.3151588	0.001136306	-2.244033333	3.92058945	0.271173525															
YES1	NM_005433_bp1205_R	AGCTAAAAGCTGCTAATATTCTTGTAGGATCTCTTGAATCCTACAAGAATTATGACAGCGG	Hs.194148	7047	-1.284775	0.2275159	0.000428886	-2.5247	4.31043829	0.261731112															
YES1	NM_005433_bp1205_R	AGCTAAAAGCTGCTAATATTCTTGTAGGATCTCTTGAATCCTACAAGAATTATGACAGCGG	Hs.194148	12423	-1.282025	0.8866509	0.017310112	-3.097566667	4.08127816	0.168721668															
YES1	NM_005433_bp1345_R	AGCTAAAAGATGGTCGGTTTACAATAAATCTCTTGAATTTATTGTAAACCGACCATACGG	Hs.194148	415	-0.210475	0.49856159	0.406038488	0.654733333	0.8263477	0.185723206															
YES1	NM_005433_bp1345_R	AGCTAAAAGATGGTCGGTTTACAATAAATCTCTTGAATTTATTGTAAACCGACCATACGG	Hs.194148	5791	-0.484775	0.42273315	0.067402689	0.488066667	0.8718766	0.314788532															
YES1	NM_005433_bp1345_R	AGCTAAAAGATGGTCGGTTTACAATAAATCTCTTGAATTTATTGTAAACCGACCATACGG	Hs.194148	11167	-0.523325	0.38934672	0.046012521	0.4539	0.8138527	0.321304528															
YES1	NM_005433_bp352_R	AGCTAAAAGGGTGAAAGATTTCAAATAAATCTCTTGAATTATTTGAAATCTTTCACCCGG	Hs.194148	7049	6.2675																				
YES1	NM_005433_bp352_R	AGCTAAAAGGGTGAAAGATTTCAAATAAATCTCTTGAATTATTTGAAATCTTTCACCCGG	Hs.194148	12425	5.2095		-4.274																		
YWHAB	NM_003404_bp558_R	AGCTAAAAAGCAGGACATCTGCAATGATGTTTCTCTTGAAACATCATTGCAGATGTCCTGCGG	Hs.592135	2930	1.25205	0.97597658	0.02559993					1.07205	0.30423489	0.002085767											
YWHAB	NM_003404_bp558_R	AGCTAAAAGCAGGACATCTGCAATGATGTTTCTCTTGAAACATCATTGCAGATGTCCTGCGG	Hs.592135	8306	1.2603	0.95422847	0.023272694					1.103775	0.32584663	0.001978269											
YWHAB	NM_003404_bp558_R	AGCTAAAAGCAGGACATCTGCAATGATGTTTCTCTTGAAACATCATTGCAGATGTCCTGCGG	Hs.592135	13682	1.30195	1.00057908	0.02411785					1.104975	0.31432212	0.001868773											
YWHAB	NM_003404_bp793_R	AGCTAAAAAGGTCTGGCACTAAATTTCTCATCTCTTGAATGAGAAATTTAGTGCCAGACCGG	Hs.592135	2932	0.177575	0.31069976	0.360464146					-0.321325	0.93372625	0.42270266											
YWHAB	NM_003404_bp793_R	AGCTAAAAAGGTCTGGCACTAAATTTCTCATCTCTTGAATGAGAAATTTAGTGCCAGACCGG	Hs.592135	8308	0.14395	0.38074569	0.495482128					-0.07865	0.80709805	0.822430697											
YWHAB	NM_003404_bp793_R	AGCTAAAAAGGTCTGGCACTAAATTTCTCATCTCTTGAATGAGAAATTTAGTGCCAGACCGG	Hs.592135	13684	-0.037025	0.40409341	0.862308523					-0.12205	0.70757808	0.704323784											
YWHAB	NM_003404_bp906_R	AGCTAAAAGAATGAAGAGTCTTAAAAGATCTCTTGAATCTTTATAAGACTCTTCATTCGG	Hs.592135	2934	-0.076925	0.62746701	0.790815476					-0.791	0.85930049	0.064630975											
YWHAB	NM_003404_bp906_R	AGCTAAAAGAATGAAGAGTCTTAAAAGATCTCTTGAATCTTTATAAGACTCTTCATTCGG	Hs.592135	8310	-0.0334	0.6457531	0.910064343					-0.72675	0.88587356	0.088875117											
YWHAB	NM_003404_bp906_R	AGCTAAAAGAATGAAGAGTCTTAAAAGATCTCTTGAATCTTTATAAGACTCTTCATTCGG	Hs.592135	13686	-0.034375	0.62723405	0.905333211					-0.7566	0.85493847	0.073206857											
YWHAE	NM_006761_bp161_R	AGCTAAAAGGCTGAGCGATACGACGAAATTCTTGAAATTTCGTCGTATCGCTCAGCCGG	Hs.513851	2936	1.81305	0.62714212	0.001188268					0.465925	0.85444397	0.23056272											
YWHAE	NM_006761_bp161_R	AGCTAAAAGGCTGAGCGATACGACGAAATTCTTGAAATTTCGTCGTATCGCTCAGCCGG	Hs.513851	8312	1.80445	0.40960691	0.000305372					0.6237	1.00414673	0.165388732											
YWHAE	NM_006761_bp161_R	AGCTAAAAGGCTGAGCGATACGACGAAATTCTTGAAATTTCGTCGTATCGCTCAGCCGG	Hs.513851	13688	1.958425	0.51476903	0.000420034					0.662275	1.02463683	0.149989618											
YWHAE	NM_006761_bp219_R	AGCTAAAAGAGCTGACAGTTGAAGAAAGAATCTCTTGAATCTTTCTTCAACTGTCAGCTCGG	Hs.513851	2938	0.304175	0.59114908	0.298951348					1.0605	1.40420422	0.089045488											
YWHAE	NM_006761_bp219_R	AGCTAAAAGAGCTGACAGTTGAAGAAAGAATCTCTTGAATCTTTCTTCAACTGTCAGCTCGG	Hs.513851	8314	0.34605	0.59296742	0.252760292					1.021275	1.33810546	0.087897699											
YWHAE	NM_006761_bp219_R	AGCTAAAAGAGCTGACAGTTGAAGAAAGAATCTCTTGAATCTTTCTTCAACTGTCAGCTCGG	Hs.513851	13690	0.358	0.59193477	0.231253021					1.10545	1.39936397	0.078325605											
YWHAE	NM_006761_bp549_R	AGCTAAAAGAGAACAGCCTAGTGGCTTATTCTCTTGAAATAAGCCACTAGGCTGTTCTCGG	Hs.513851	2940	2.9385	1.17423742	0.004343053					-0.25275	1.33664395	0.675345379											
YWHAE	NM_006761_bp549_R	AGCTAAAAGAGAACAGCCTAGTGGCTTATTCTCTTGAAATAAGCCACTAGGCTGTTCTCGG	Hs.513851	8316	2.471275	0.88327172	0.001057682					0.1374	0.48696276	0.599756348											
YWHAE	NM_006761_bp549_R	AGCTAAAAGAGAACAGCCTAGTGGCTTATTCTCTTGAAATAAGCCACTAGGCTGTTCTCGG	Hs.513851	13692	2.4358	0.76303899	0.000632658					0.093225	0.91963793	0.809164988											
YWHAG	NM_012479_bp2871_R	AGCTAAAAGGTGGGGCTTTCCCTAATTTATCTCTTGAATAAATTAGGGAAAGCCCCACCCGG	Hs.520974	2946	-0.81905	0.16030081	0.002275996					0.004575	0.48841254	0.985909517											
YWHAG	NM_012479_bp2871_R	AGCTAAAAGGTGGGGCTTTCCCTAATTTATCTCTTGAATAAATTAGGGAAAGCCCCACCCGG	Hs.520974	8322	-0.81925	0.13001776	0.010962384					0.029125	0.49718289	0.911286575											
YWHAG	NM_012479_bp2871_R	AGCTAAAAGGTGGGGCTTTCCCTAATTTATCTCTTGAATAAATTAGGGAAAGCCCCACCCGG	Hs.520974	13698	-0.829725	0.14106732	0.001951818					0.03305	0.52909625	0.902465019											
YWHAG	NM_012479_bp500_R	AGCTAAAAGCTGGATAACTACCTGATCAATCTCTTGAATTGATCAGGTAGTTATTCAGCGG	Hs.520974	2942	-2.2731	0.10907731	1.37E-05					-0.49995	0.11611068	0.034748874											
YWHAG	NM_012479_bp500_R	AGCTAAAAGCTGGATAACTACCTGATCAATCTCTTGAATTGATCAGGTAGTTATTCAGCGG	Hs.520974	8318	-2.19065	0.06206784	1.39E-05					-0.422575	0.16590926	0.066444278											
YWHAG	NM_012479_bp500_R	AGCTAAAAGCTGGATAACTACCTGATCAATCTCTTGAATTGATCAGGTAGTTATTCAGCGG	Hs.520974	13694	-1.874875	0.10010636	3.40E-05					-0.0253	0.15534278	0.316683029											
YWHAG	NM_012479_bp660_R	AGCTAAAAGGCCCACGAGATCAGCAAAGAGTCTCTTGAACTCTTTGCTGATCTCGTGGGCGGG	Hs.520974	2944	0.4297	0.76531783	0.24063069					-0.5265	0.89597797	0.240279339											
YWHAG	NM_012479_bp660_R	AGCTAAAAGGCCCACGAGATCAGCAAAGAGTCTCTTGAACTCTTTGCTGATCTCGTGGGCGGG	Hs.520974	8320	0.160725	0.39381996	0.457542894					-0.4498	0.5732695	0.14612145											
YWHAG	NM_012479_bp660_R	AGCTAAAAGGCCCACGAGATCAGCAAAGAGTCTCTTGAACTCTTTGCTGATCTCGTGGGCGGG	Hs.520974	13696	0.216925	0.34730354	0.29697335					-0.679225	0.49263537	0.034118838											
YWHAH	NM_003405_bp376_R	AGCTAAAAGAGGGGTCATTAGCAGCATTGTCTCTTGAAGCAATGCTGCTAATGACCCTCCGG	Hs.226755	2950	3.539375	2.57796313	0.016811659					-1.077425	0.64281393	0.009453419								

ZAK	NM_133646_bp1369_R	AGCTAAAAGCAGGAGCTGTGATGCATTCTTCTCTTGAAAGAATGCATCACAGCTCCTGCGG	Hs.44451	11391				-0.2543						
ZAK	NM_133646_bp209_R	AGCTAAAAAGTGCCTCCTTTGTGCAAATATCTCTTGAATAATTTGCACAAAGGAGGCACGG	Hs.44451	12871	10.1153			2.0537						
ZAK	NM_133646_bp209_R	AGCTAAAAAGTGCCTCCTTTGTGCAAATATCTCTTGAATAATTTGCACAAAGGAGGCACGG	Hs.44451	2119	9.8171									
ZAK	NM_133646_bp209_R	AGCTAAAAGTGCCTCCTTTGTGCAAATATCTCTTGAATAATTTGCACAAAGGAGGCACGG	Hs.44451	7495	7.3567									
ZAK	NM_133646_bp538_R	AGCTAAAAGCCAAAGGAATGCATTATTTATCTCTTGAATAAATAATGCATTCCTTTGGCGG	Hs.44451	6016	-0.3715	0.16247999	0.049057559	-0.47495	0.23282718	0.035788941				
ZAK	NM_133646_bp538_R	AGCTAAAAGCCAAAGGAATGCATTATTTATCTCTTGAATAAATAATGCATTCCTTTGGCGG	Hs.44451	11392	-0.200125	0.12328775	0.2060601	0.032725	0.15581094	0.830049208				
ZAK	NM_133646_bp538_R	AGCTAAAAGCCAAAGGAATGCATTATTTATCTCTTGAATAAATAATGCATTCCTTTGGCGG	Hs.44451	640	-0.577	0.13972523	0.009141528	-0.5336	0.35979817	0.091232447				
ZAP70	NM_001079_bp1923_R	AGCTAAAAGAGATGACTGCTGGATCTACAATCTCTTGAATTGTAGATCCAGCAGTCACTCGG	Hs.23459	154	-1.1695	1.29390858	0.072902019	0.1355875	0.33396297	0.505963912				
ZAP70	NM_001079_bp1923_R	AGCTAAAAGAGTGACTGCTGGATCTACAATCTCTTGAATTGTAGATCCAGCAGTCACTCGG	Hs.23459	5530	-1.19445	1.26564736	0.06461862	0.1104625	0.28035679	0.553136126				
ZAP70	NM_001079_bp1923_R	AGCTAAAAGAGTGACTGCTGGATCTACAATCTCTTGAATTGTAGATCCAGCAGTCACTCGG	Hs.23459	10906	-1.14315	1.30770234	0.079905669	0.1033625	0.30981983	0.594734794				
ZAP70	NM_001079_bp807_R	AGCTAAAAGTCCCTCATCTATGGGAAGACTCTCTTGAAGCTCTTCCCATAGATGAGGGACGG	Hs.23459	155	-0.259175	0.31331148	0.203275058	0.085935	0.57989112	0.764230981				
ZAP70	NM_001079_bp807_R	AGCTAAAAGTCCCTCATCTATGGGAAGACTCTCTTGAAGCTCTTCCCATAGATGAGGGACGG	Hs.23459	5531	-0.235375	0.29117169	0.228369849	0.1552375	0.54307739	0.574361915				
ZAP70	NM_001079_bp807_R	AGCTAAAAGTCCCTCATCTATGGGAAGACTCTCTTGAAGCTCTTCCCATAGATGAGGGACGG	Hs.23459	10907	-0.272275	0.35228952	0.206693523	0.1572625	0.61082199	0.602208358				
ZCCHC7	BC036940_bp1028_R	AGCTAAAAGTGACAAACGTGGTCATTTATTCTCTTGAAATAAATGACCACGTTTGTCACGG	Hs.371588	4828	1.1738375	0.10452087	0.000333335	1.4694125	0.81685277	0.011577776				
ZCCHC7	BC036940_bp1028_R	AGCTAAAAGTGACAAACGTGGTCATTTATTCTCTTGAAATAAATGACCACGTTTGTCACGG	Hs.371588	10204	1.1899625	0.17480581	0.000443818	1.4988375	0.82268077	0.01100819				
ZCCHC7	BC036940_bp1028_R	AGCTAAAAGTGACAAACGTGGTCATTTATTCTCTTGAAATAAATGACCACGTTTGTCACGG	Hs.371588	15580	1.2323125	0.06949367	0.000234223	1.4677125	0.7572904l	0.00911795				
ZCCHC7	BC036940_bp943_R	AGCTAAAAAGGGCCCAGATAGCTAATAACTCTCTTGAAGTTATTAGCTATCTGGGCCTCGG	Hs.371588	4826	0.9394125	0.12043811	0.001010528	0.6741875	0.90433471	0.15190843				
ZCCHC7	BC036940_bp943_R	AGCTAAAAAGGGCCCAGATAGCTAATAACTCTCTTGAAGTTATTAGCTATCTGGGCCTCGG	Hs.371588	10202	0.9985875	0.13551092	0.000817072	0.7297375	0.85926195	0.114791398				
ZCCHC7	BC036940_bp943_R	AGCTAAAAAGGGCCCAGATAGCTAATAACTCTCTTGAAGTTATTAGCTATCTGGGCCTCGG	Hs.371588	15578	1.1250125	0.24705265	0.000906684	0.6467625	0.93604341	0.176245336				
ZCCHC7	BC036940_bp987_R	AGCTAAAAGCGGTACTATTCAGCCAACAATCTCTTGAATTGTTGGCTGAATAGTACCGCGG	Hs.371588	4800	-1.0508625	0.14752675	0.000684455	-0.5074125	0.97346027	0.284563015				
ZCCHC7	BC036940_bp987_R	AGCTAAAAGCGGTACTATTCAGCCAACAATCTCTTGAATTGTTGGCTGAATAGTACCGCGG	Hs.371588	10176	-1.0677875	0.15186909	0.000649836	-0.4858875	0.79152455	0.227642437				
ZCCHC7	BC036940_bp987_R	AGCTAAAAGCGGTACTATTCAGCCAACAATCTCTTGAATTGTTGGCTGAATAGTACCGCGG	Hs.371588	15552	-1.0775625	0.14402819	0.000598041	-0.6027375	0.9267091	0.198377641				
ZDHHC13	NM_019028_bp1110_R	AGCTAAAAAGGTTCTTGGTTGGGTATAAGATCTCTTGAATCTTATACCCAACCAAGAACCGG	Hs.188569	2813	1.0827	1.22864184	0.109188984						-0.32283333	1.63753028	0.632338899
ZDHHC13	NM_019028_bp1110_R	AGCTAAAAAGGTTCTTGGTTGGGTATAAGATCTCTTGAATCTTATACCCAACCAAGAACCGG	Hs.188569	8189	0.5355	1.60444439	0.436563481						-0.0619	1.3555525	0.913249158
ZDHHC13	NM_019028_bp1110_R	AGCTAAAAAGTTCTTGGTTGGGTATAAGATCTCTTGAATCTTATACCCAACCAAGAACCGG	Hs.188569	13565	1.0673	1.26154036	0.087901987						-0.06296667	1.25060414	0.905840173
ZDHHC13	NM_019028_bp524_R	AGCTAAAAGACCCCACTCTTATTGATGGATCTCTTGAATCCATCAATAAGAGTGGGGTCGG	Hs.188569	2815	-0.779075	0.21504473	0.003842193						-0.272375	0.34198738	0.254406221
ZDHHC13	NM_019028_bp524_R	AGCTAAAAGACCCCACTCTTATTGATGGATCTCTTGAATCCATCAATAAGAGTGGGGTCGG	Hs.188569	8191	-0.789775	0.21024693	0.003521998						-0.281575	0.32070839	0.232561791
ZDHHC13	NM_019028_bp524_R	AGCTAAAAGACCCCACTCTTATTGATGGATCTCTTGAATCCATCAATAAGAGTGGGGTCGG	Hs.188569	13567	-0.7704	0.20147968	0.003727952						-0.2363	0.31092103	0.304195331
ZDHHC13	NM_019028_bp648_R	AGCTAAAAGCAGACACCTCTCATGTTATTCTCTTGAAATAACATGAGAGGTGTCTGCCGG	Hs.188569	2811	0.338075	0.28186288	0.101900147						0.116975	0.67005961	0.706392242
ZDHHC13	NM_019028_bp648_R	AGCTAAAAGCAGACACCTCTCATGTTATTCTCTTGAAATAACATGAGAGGTGTCTGCCGG	Hs.188569	8187	-0.32955	0.67327081	0.308194987						0.12245	0.41351768	0.615324698
ZDHHC13	NM_019028_bp648_R	AGCTAAAAGCAGACACCTCTCATGTTATTCTCTTGAAATAACATGAGAGGTGTCTGCCGG	Hs.188569	13563	0.627	0.34669681	0.01987927						-0.0019	0.18624656	0.99240704
ZDHHC14	NM_153746_bp1405_R	AGCTAAAAGCTACGGAAATATCTTTACCATCTCTTGAATGGTAAAGATATTTCCGTAGCGG	Hs.187459	16039	-0.8097625	0.28010201	0.004841917	0.3107375	0.49480102	0.257435335				
ZDHHC14	NM_153746_bp1405_R	AGCTAAAAGCTACGGAAATATCTTTACCATCTCTTGAATGGTAAAGATATTTCCGTAGCGG	Hs.187459	5287	-0.890925	0.22899653	0.03879571	0.1014375	0.58027017	0.724014816				
ZDHHC14	NM_153746_bp1405_R	AGCTAAAAGCTACGGAAATATCTTTACCATCTCTTGAATGGTAAAGATATTTCCGTAGCGG	Hs.187459	10663	-0.6039			0.1059125	0.59636254	0.718241139				
ZDHHC14	NM_153746_bp972_R	AGCTAAAAGCCAGACCGTGAAACTTAAATCTCTTGAATTTAAGTTTCACGGTCTGGCCGG	Hs.187459	5285	0.0210625	0.47068087	0.928495682	0.2586375	0.34826446	0.241899912				
ZDHHC14	NM_153746_bp972_R	AGCTAAAAGCCAGACCGTGAAACTTAAATCTCTTGAATTTAAGTTTCACGGTCTGGCCGG	Hs.187459	10661	0.0750125	0.3782418	0.716569823	0.3887625	0.40432494	0.128711889				
ZDHHC14	NM_153746_bp972_R	AGCTAAAAGCCAGACCGTGAAACTTAAATCTCTTGAATTTAAGTTTCACGGTCTGGCCGG	Hs.187459	16037	0.1551375	0.28456631	0.402695484	0.5642375	0.64383779	0.118396399				
ZDHHC17	NM_015336_bp1240_R	AGCTAAAAGGGCAGCATATAGAACACATATCTCTTGAATATGTGTTCTATATGCTGCCCGG	Hs.4014	3049	0.8191	0.50453246	0.017205092						-0.3052	0.9092956	0.436360195
ZDHHC17	NM_015336_bp1240_R	AGCTAAAAGGGCAGCATATAGAACACATATCTCTTGAATATGTGTTCTATATGCTGCCCGG	Hs.4014	8425	0.8812	0.53510958	0.015274716						-0.330775	0.91012898	0.401307926
ZDHHC17	NM_015336_bp1240_R	AGCTAAAAGGGCAGCATATAGAACACATATCTCTTGAATATGTGTTCTATATGCTGCCCGG	Hs.4014	13801	0.8081	0.41800889	0.011296231						-0.3066	0.87850446	0.4230429
ZDHHC17	NM_015336_bp2461_R	AGCTAAAAGCTGGCCTCTTTCGTCCTGTTATCTCTTGAATACAGGACGAAAGAGGCCACGG	Hs.4014	3023	-1.042425	0.14541227	0.000702985						0.158475	1.18915651	0.739090277
ZDHHC17	NM_015336_bp2461_R	AGCTAAAAGTGGCCTCTTTCGTCCTGTTATCTCTTGAATACAGGACGAAAGAGGCCACGG	Hs.4014	8399	-1.052975	0.18547434	0.000836351						0.137375	1.22585169	0.778121082
ZDHHC17	NM_015336_bp2461_R	AGCTAAAAGTGGCCTCTTTCGTCCTGTTATCTCTTGAATACAGGACGAAAGAGGCCACGG	Hs.4014	13775	-0.99205	0.15081787	0.000909237						0.172475	1.20078935	0.719424548
ZDHHC17	NM_015336_bp839_R	AGCTAAAAGCTACACAATATGGAATATATCTCTTGAATATATTCCATATTGTGTAGCCGG	Hs.4014	3021	1.756025	0.39098762	0.0003051						-0.178375	0.32246827	0.433478426
ZDHHC17	NM_015336_bp839_R	AGCTAAAAGCTACACAATATGGAATATATCTCTTGAATATATTCCATATTGTGTAGCCGG	Hs.4014	8397	1.9257	0.53002289	0.000501313						0.076975	0.48165121	0.765746363
ZDHHC17	NM_015336_bp839_R	AGCTAAAAGCTACACAATATGGAATATATCTCTTGAATATATTCCATATTGTGTAGCCGG	Hs.4014	13773	1.788225	0.25837478	0.000108712						-0.13905	0.25108061	0.513673872
ZDHHC21	AK127313_bp1164_R	AGCTAAAAGGCTCAATTCTTGATTATTATCTCTTGAAATAATACAAGAATTGAGCCGG	Hs.128619	4031	-0.2441375	0.20369972	0.167639472						-0.3672	0.15708972	0.098495786
ZDHHC21	AK127313_bp1164_R	AGCTAAAAGGCTCAATTCTTGATTATTATCTCTTGAAATAATACAAGAATTGAGCCGG	Hs.128619	9407	-0.24316667	0.1742302	0.250406228						-0.25325	0.20834821	0.239840088
ZDHHC21	AK127313_bp1164_R	AGCTAAAAGGCTCAATTCTTGATTATTATCTCTTGAAATAATACAAGAATTGAGCCGG	Hs.128619	14783	-0.1487125	0.14512488	0.339624625						-0.10395	0.49079151	0.690940925
ZDHHC21	AK127313_bp3979_R	AGCTAAAAGCCCCATAAGTAAGTATATCTCTTGAATATACTATTTACTTATGGGCGCGG	Hs.128619	4029	-0.6162375	0.47735641	0.040937557						-0.2818	0.11821032	0.179214956
ZDHHC21	AK127313_bp3979_R	AGCTAAAAGCCCCATAAGTAAGTATATCTCTTGAATATACTATTTACTTATGGGCGCGG	Hs.128619	9405	-0.6124375	0.44253774	0.035474482						-0.30615	0.08361637	0.143792245
ZDHHC21	AK127313_bp3979_R	AGCTAAAAGCCCCATAAGTAAGTATATCTCTTGAATATACTATTTACTTATGGGCGCGG	Hs.128619	14781	-0.5827125	0.45418089	0.044115174						-0.3265	0.03788694	0.119999195
ZDHHC21	AK127313_bp719_R	AGCTAAAAAGCTGTACTTATGATCCTATTATCTCTTGAATAATAGGATCATAAGTACAGCGG	Hs.128619	4057	-0.9273625	0.33885185	0.003941164						-0.315	0.20942587	0.155872927
ZDHHC21	AK127313_bp719_R	AGCTAAAAAGCTGTACTTATGATCCTATTATCTCTTGAATAATAGGATCATAAGTACAGCGG	Hs.128619	9433	-0.3954625	0.9071098	0.338397243						-0.1774	0.22777411	0.402286118
ZDHHC21	AK127313_bp719_R	AGCTAAAAAGCTGTACTTATGATCCTATTATCTCTTGAATAATAGGATCATAAGTACAGCGG	Hs.128619	14809	-0.9618375	0.33221555	0.003223629						-0.1095	0.14394856	0.579435741
ZFP106	AF205632_bp1219_R	AGCTAAAAAGAGGTCCCTTCTGAAGGATTTATCTCTTGAATAAATCCTTCAGAAGGACCTCGG	Hs.511143	4944	-0.3678375	0.09003751	0.040343505	0.0962375	0.782665	0.792448479				
ZFP106	AF205632_bp1219_R	AGCTAAAAAGAGGTCCCTTCTGAAGGATTTATCTCTTGAATAAATCCTTCAGAAGGACCTCGG	Hs.511143	10320	-0.3539875	0.08018614	0.044649133	-0.3420625	0.50512305	0.224922409				
ZFP106	AF205632_bp1219_R	AGCTAAAAAGAGGTCCCTTCTGAAGGATTTATCTCTTGAATAAATCCTTCAGAAGGACCTCGG	Hs.511143	15696	-0.2567125	0.12022495	0.120544897	-0.3547875	0.61675938	0.271145023				
ZFP106	AF205632_bp3136_R	AGCTAAAAGGCGACATAGTGCACAATTATTCTCTTGAAATAATTGTGCACTATGTCGCCGG	Hs.511143	4942	-0.2079375	0.26830905	0.265062357	-0.3523375	0.51268254	0.217608473				
ZFP106	AF205632_bp3136_R	AGCTAAAAGGCGACATAGTGCACAATTATTCTCTTGAAATAATTGTGCACTATGTCGCCGG	Hs.511143	10318	-0.2811875	0.19067195	0.117350891	-0.4860375	0.83996335	0.248079524				
ZFP106	AF205632_bp3136_R	AGCTAAAAGGCGACATAGTGCACAATTATTCTCTTGAAATAATTGTGCACTATGTCGCCGG	Hs.511143	15694	-0.3272375	0.12868307	0.064465373	-0.7001125	1.00787932	0.171938062				
ZFP106	AF205632_bp5039_R	AGCTAAAAAGGGTCATACCTCCAAAGTTAATCTCTTGAATTAACTTTGGAGGTATGACCCGG	Hs.511143	4970	-0.0688125	0.21019381	0.671155636	-0.1105125	0.56135352	0.693701557				
ZFP106	AF205632_bp5039_R	AGCTAAAAAGGGTCATACCTCCAAAGTTAATCTCTTGAATTAACTTTGGAGGTATGACCCGG	Hs.511143	10346	-0.2092625	0.19531418	0.220996636	-0.2558625	0.50307327	0.344887831				
ZFP106	AF205632_bp5039_R	AGCTAAAAAGGGTCATACCTCCAAAGTTAATCTCTTGAATTAACTTTGGAGGTATGACCCGG	Hs.511143	15722	-0.1002375	0.27267484	0.574136484	-0.0696375	0.44490702	0.768621755				
ZNF148	AJ236885_bp1193_R	AGCTAAAAGATCGTGTATTGAAACATAAATCTCTTGAATTTATGTTTCAATACACGATCGG	Hs.591312	3784	0.5442375	0.3800698	0.03876622						0.03625	0.14707369	0.852919099
ZNF148	AJ236885_bp1193_R	AGCTAAAAGATCGTGTATTGAAACATAAATCTCTTGAATTTATGTTTCAATACACGATCGG	Hs.591312	9160	0.5734125	0.39098123	0.034374148						0.0901	0.16482047	0.650566604
ZNF148	AJ236885_bp1193_R	AGCTAAAAGATCGTGTATTGAAACATAAATCTCTTGAATTTATGTTTCAATACACGATCGG	Hs.591312	14536	0.5728875	0.39657939	0.035450975						0.166975	0.12424187	0.40192334
ZNF148	AJ236885_bp2265_R	AGCTAAAAAGCCCGAGCCTTAACTTTGTGATCCTTGAATCACAAAGTTAAGGCTCGGGCGG	Hs.591312	3780	0.4897	0.24338615	0.151031635						-0.344775	0.2936651	0.147027887
ZNF148	AJ236885_bp2265_R	AGCTAAAAAGCCCGAGCCTTAACTTTGTGATCCTTGAATCACAAAGTTAAGGCTCGGGCGG	Hs.591312	9156	0.2498								-0.351275	0.48696449	0.206221206
ZNF148	AJ236885_bp2265_R	AGCTAAAAGCCCGAGCCTTAACTTTGTGATCCTTGAATCACAAAGTTAAGGCTCGGGCGG	Hs.591312	14532	0.688								-0.25365	0.29738102	0.268213333
ZNF148	AJ236885_bp2311_R	AGCTAAAAAGCCAGCATTCTCTTCCATAGATCTCTTGAATCTATGGAAGAGAATGCTGGCGG	Hs.591312	3782	-0.1522875	0.49355033	0.538013336						-0.199775	0.31298905	0.379794685
ZNF148	AJ236885_bp2311_R	AGCTAAAAAGCCAGCATTCTCTTCCATAGATCTCTTGAATCTATGGAAGAGAATGCTGGCGG	Hs.591312	9158	-0.1063375	0.5389736	0.682634913						-0.000775	0.13798359	0.997248106
ZNF148	AJ236885_bp2311_R	AGCTAAAAAGCCAGCATTCTCTTCCATAGATCTCTTGAATCTATGGAAGAGAATGCTGGCGG	Hs.591312	14534	-0.0700375	0.54645911	0.788699165						-0.07275	0.37331035	0.754916356
ZNF184	AK123011_bp1341_R	AGCTAAAAGCCCTCTAAATAATGAATTTGTCTCTTGAACAAATTCATTATTTACAGGGCGG	Hs.158174	4136	-0.8216875	0.1018077	0.001727231						0.6074	0.31438445	0.02777037
ZNF184	AK123011_bp1341_R	AGCTAAAAGCCCTCTAAATAATGAATTTGTCTCTTGAACAAATTCATTATTTACAGGGCGG	Hs.158174	9512	-0.5329875	0.60737045	0.103343527						-0.065675	0.57303935	0.815805079
ZNF184	AK123011_bp1341_R	AGCTAAAAGCCCTCTAAATAATGAATTTGTCTCTTGAACAAATTCATTATTTACAGGGCGG	Hs.158174	14888	-0.8126875	0.23017273	0.003503093						0.261575	0.26299998	0.243163599
ZNF184	AK123011_bp1679_R	AGCTAAAAGGTCCATCTCTTACTCAACATTCTCTTGAAATGTTGAGTAAGAGATGGACCGG	Hs.158174	4138	-0.0874333333	0.27846268	0.687088159						-0.158125	0.37678868	0.505385914
ZNF184	AK123011_bp1679_R	AGCTAAAAGGTCCATCTCTTACTCAACATTCTCTTGAAATGTTGAGTAAGAGATGGACCGG	Hs.158174	9514	-0.035566667	0.19478599	0.856725394						-0.069575	0.39570139	0.769895674
ZNF184	AK123011_bp1679_R	AGCTAAAAGGTCCATCTCTTACTCAACATTCTCTTGAAATGTTGAGTAAGAGATGGACCGG	Hs.158174	14890	-0.072666667	0.2640607	0.7328625						-0.08975	0.34063175	0.692301304
ZNF184	AK123011_bp3486_R	AGCTAAAAGCTCCTGGTCTAATGCATTTATCCTCTTGAATAAATGCATTAGACCAGGAGCGG	Hs.158174	4134	-0.2170125	0.42827178	0.348900458						-0.192175	0.45870419	0.456247204
ZNF184	AK123011_bp3486_R	AGCTAAAAGCTCCTGGTCTAATGCATTTATCCTCTTGAATAAATGCATTAGACCAGGAGCGG	Hs.158174	9510	-0.2739125	0.40738032	0.236556259						-0.07535	0.27887852	0.725677816
ZNF184	AK123011_bp3486_R	AGCTAAAAGCTCCTGGTCTAATGCATTTATCCTCTTGAATAAATGCATTAGACCAGGAGCGG	Hs.158174	14886	-0.2541375	0.391663	0.257820146						-0.2594	0.45685921	0.322870445
ZNF185	BX537525_bp104_R	AGCTAAAAGGCTGCTGCATGGTTAACTTCTCTCTTGAAGAAGTTAACCATGCAGCAGCCGG	Hs.16622	4663	-0.004525	0.51321812	0.985495528	0.164575	0.2966758	0.399632195	-0.20863333	0.44771094	0.488194737	
ZNF185	BX537525_bp104_R	AGCTAAAAGGCTGCTGCATGGTTAACTTCTCTCTTGAAGAAGTTAACCATGCAGCAGCCGG	Hs.16622	9979	-0.05285	0.49480815	0.82802709	0.207475	0.23196135	0.2574563	-0.47093333	0.46499351	0.155973094	
ZNF185	BX537525_bp104_R	AGCTAAAAGGCTGCTGCATGGTTAACTTCTCTCTTGAAGAAGTTAACCATGCAGCAGCCGG	Hs.16622	15355	-0.07275	0.36299161	0.29680972	0.013125	0.29689069	0.944084058	-0.4439	0.40129454	0.159988059	
ZNF185	BX537525_bp4291_R	AGCTAAAAGCGGACCTTCGCTCTTGATTTAATCTCTTGAATTAAATCAAGAGCAGAGGCCCGG	Hs.16622	4607	-0.026425	0.30580837	0.886015232	-0.4124	0.2640001	0.063297244	0.47395	1.22690098	0.420528444	
ZNF185	BX537525_bp4291_R	AGCTAAAAGCGGACCTTCGCTCTTGATTTAATCTCTTGAATTAAATCAAGAGCAGAGGCCCGG	Hs.16622	9983	-0.000766667	0.14418007	0.996749387	-0.70015	0.49320698	0.141687173	0.6186	1.38380797	0.341414367	
ZNF185	BX537525_bp4291_R	AGCTAAAAGCGGACCTTCGCTCTTGATTTAATCTCTTGAATTAAATCAAGAGCAGAGGCCCGG	Hs.16622	15359	0.498725	0.52667923	0.093388731	-0.413	0.40506936	0.176734817	1.1244			
ZNF185	BX537525_bp528_R	AGCTAAAAGGCAGCAGCGTGTTGACTGATTCTCTTGAAATCAGTCAACACGCTGCTGCCGG	Hs.16622	4605	1.34765	0.94976402	0.017927704	1.52925	0.98739075	0.018409524	0.2525	0.87043476	0.544030507	
ZNF185	BX537525_bp528_R	AGCTAAAAGGCAGCAGCGTGTTGACTGATTCTCTTGAAATCAGTCAACACGCTGCTGCCGG	Hs.16622	9981	1.7345	0.98635728	0.007611107	1.81275	0.66385421	0.002577929	0.0613	1.24319774	0.90788515	
ZNF185	BX537525_bp528_R	AGCTAAAAGGCAGCAGCGTGTTGACTGATTCTCTTGAAATCAGTCAACACGCTGCTGCCGG	Hs.16622	15357	1.4632	0.80492263	0.007366694	1.5363	0.90509936	0.001057793	0.3943	1.04844883	0.412977145	
ZNF193	AY261373_bp157_R	AGCTAAAAGCTCCTGGTCCCTTAAGGAACTCTCTGAAGTCTTGAATCATTGTCAGAAGTTCTTCCCGG	Hs.100921	4208	1.192825	1.11979103	0.045856914	1.3163	0.47805352	0.003434719	-0.27483333	0.62312003	0.429503494	
ZNF193	AY261373_bp157_R	AGCTAAAAGGGAAGAACTTCTGACAATGATCTCTTGAATCATTGTCAGAAGTTCTTCCCGG	Hs.100921	9584	1.19625	1.32387945	0.072670391	1.200825	0.50069198	0.00562724	-0.21623333	0.67263644	0.544537508	
ZNF193	AY261373_bp157_R	AGCTAAAAGGGAAGAACTTCTGACAATGATCTCTTGAATCATTGTCAGAAGTTCTTCCCGG	Hs.100921	14960	1.508825	1.23178235	0.028080147	1.1433	0.53787661	0.008316201	-0.17693333	0.75103132	0.63850982	
ZNF193	AY261373_bp389_R	AGCTAAAAGCTGGAGCAGTTTCTATCCATTCTCTTGAATGGATAGAAACTGCTCCAGCGG	Hs.100921	4210	-0.2077	0.79231266	0.559563797	-0.119775	0.45578684	0.621936026	0.058266667	0.22515675	0.818917697	
ZNF193	AY261373_bp389_R	AGCTAAAAGCTGGAGCAGTTTCTATCCATTCTCTTGAATGGATAGAAACTGCTCCAGCGG	Hs.100921	9586	-0.51985	0.71527005	0.14918726	-0.171675	0.28302976	0.371959385	0.104133333	0.39635921	0.714327477	
ZNF193	AY261373_bp389_R	AGCTAAAAGCTGGAGCAGTTTCTATCCATTCTCTTGAATGGATAGAAACTGCTCCAGCGG	Hs.100921	14962	-0.34055	0.53786503	0.22291786	-0.6808			-0.06143333	0.49094021	0.839751835	
ZNF193	AY261373_bp674_R	AGCTAAAAGGGAGCAGCATTTATTGATGTTCTCTTGAAACATCAAATAAATGCTGTCCCGG	Hs.100921	4212	1.36465	0.5436676	0.002626924	0.0234			0.487566667	0.77905266	0.235234868	
ZNF193	AY261373_bp674_R	AGCTAAAAGGGAGCAGCATTTATTGATGTTCTCTTGAAACATCAAATAAATGCTGTCCCGG	Hs.100921	9588	1.347633333	0.43613943	0.005170818				0.1145			
ZNF193	AY261373_bp674_R	AGCTAAAAGGGAGCAGCATTTATTGATGTTCTCTTGAAACATCAAATAAATGCTGTCCCGG	Hs.100921	14964	1.078	0.38856492	0.002882023	-0.6962						
ZNF215	NM_013250_bp1230_R	AGCTAAAAAGAGCCTTAAGTTGGAGAGTAATCTCTTGAATTACTCTCCAACTTAAGGCTCGG	Hs.523457	5233	1.3402125	1.15885593	0.034722044	0.1900625	0.22036166	0.286662011				
ZNF215	NM_013250_bp1230_R	AGCTAAAAAGAGCCTTAAGTTGGAGAGTAATCTCTTGAATTACTCTCCAACTTAAGGCTCGG	Hs.523457	10609	1.2128125	1.19222772	0.052188723	-0.0666125	0.21403263	0.688773604				
ZNF215	NM_013250_bp1230_R	AGCTAAAAAGAGCCTTAAGTTGGAGAGTAATCTCTTGAATTACTCTCCAACTTAAGGCTCGG	Hs.523457	15985	0.9128375	0.85736242	0.050180704	0.3511125	0.48953733	0.206355487				
ZNF215	NM_013250_bp1447_R	AGCTAAAAGAGGCTTTCATTCCTGAGACATCTCTTGAATGTCTCAGGAATGAAAGCCTCGG	Hs.523457	5237	-0.5488875	0.62139251	0.100273943	0.1743875	0.32789557	0.395929881				
ZNF215	NM_013250_bp1447_R	AGCTAAAAGAGGCTTTCATTCCTGAGACATCTCTTGAATGTCTCAGGAATGAAAGCCTCGG	Hs.523457	10613	-0.8594375	0.47324309	0.012105777	0.0693625	0.4651317	0.776058537				
ZNF215	NM_013250_bp1447_R	AGCTAAAAGAGGCTTTCATTCCTGAGACATCTCTTGAATGTCTCAGGAATGAAAGCCTCGG	Hs.523457	15989	-0.2606375	0.59733404	0.369910334	0.9142625	1.94925451	0.313646656				
ZNF215	NM_013250_bp821_R	AGCTAAAAGACCAGAGATTCATACAAAGATCTCTTGAATCTTTGTATGAATCTCTGGTCGG	Hs.523457	5235	0.3660875	0.63275782	0.242999724	-0.0735875	0.61111001	0.804932029				
ZNF215	NM_013250_bp821_R	AGCTAAAAGACCAGAGATTCATACAAAGATCTCTTGAATCTTTGTATGAATCTCTGGTCGG	Hs.523457	10611	0.4634125	0.64271158	0.158829553	0.1533075	0.36139899	0.622723888				
ZNF215	NM_013250_bp821_R	AGCTAAAAGACCAGAGATTCATACAAAGATCTCTTGAATCTTTGTATGAATCTCTGGTCGG	Hs.523457	15987	1.2535125	0.68723175	0.008101248	0.869666667	2.35339738	0.456794774				
ZNF219	AB015427_bp1249_R	AGCTAAAAGCCAGAGTTTTCACACAGTCTTCTCTTGAAAGACTGTGTAAAGCTCTGGCCGG	Hs.250493	3591	-0.077725	0.25653212	0.6535055				-0.2616375	0.22687369	0.231693847	
ZNF219	AB015427_bp1249_R	AGCTAAAAGCCAGAGTTTTCACACAGTCTTCTCTTGAAAGACTGTGTAAAGCTCTGGCCGG	Hs.250493	8967	0.019175	0.15340293	0.898036873				-0.3061875	0.33494432	0.203789353	
ZNF219	AB015427_bp1249_R	AGCTAAAAGCCAGAGTTTTCACACAGTCTTCTCTTGAAAGACTGTGTAAAGCTCTGGCCGG	Hs.250493	14343	-0.09515	0.16579762	0.538836106				-0.3734625	0.35563004	0.138538592	
ZNF219	AB015427_bp1348_R	AGCTAAAAGAGCCCTGGTTCC

ZNF3	BX647182_bp1208_R	AGCTAAAAGCTGGAGAATTACGGGAATGTTCTCTTGAAACATTCCCGTAATTCTCCAGCGG	Hs.435302	4368	-0.113375	0.71757895	0.72625053	-0.54385	1.23321994	0.348379288	-0.34413333	2.57735624	0.734407371						
ZNF3	BX647182_bp1209_R	AGCTAAAAGCTGGAGAATTACGGGAATGTTCTCTTGAAACATTCCCGTAATTCTCCAGCGG	Hs.435302	9744	-0.417625	0.88271961	0.304210698	-0.415125	1.09576819	0.41781839	-0.33073333	2.4595018	0.733309742						
ZNF3	BX647182_bp1208_R	AGCTAAAAGCTGGAGAATTACGGGAATGTTCTCTTGAAACATTCCCGTAATTCTCCAGCGG	Hs.435302	15120	-0.09595	0.52873352	0.707963038	-0.51835	0.96122374	0.270872316	-0.33423333	2.40696106	0.725411003						
ZNF3	BX647182_bp1359_R	AGCTAAAAGAACGAGAAGTCAGTCTGAAATCTCTTGAATTTCAGACTGACTTCTCGTTCGG	Hs.435302	4394	0.325125	1.13071855	0.507597665	0.277125	0.43620638	0.269106134	-0.39826667	0.49728007	0.227225411						
ZNF3	BX647182_bp1359_R	AGCTAAAAGAACGAGAAGTCAGTCTGAAATCTCTTGAATTTCAGACTGACTTCTCGTTCGG	Hs.435302	9770	0.7893	1.29515085	0.2267097	0.07965	0.64750507	0.798579546	0.0769	0.54903504	0.809033978						
ZNF3	BX647182_bp1359_R	AGCTAAAAGAACGAGAAGTCAGTCTGAAATCTCTTGAATTTCAGACTGACTTCTCGTTCGG	Hs.435302	15146	0.262225	1.38324194	0.65373736	0.232	0.48781463	0.377920827	0.157333333	0.40107394	0.584824713						
ZNF318	NM_014345_bp3009_R	AGCTAAAAGGCTCAGATCTTGGGGAATTAATCTCTTGAATTAATTCCCAAGATCTGAGCCGG	Hs.509718	4746	-0.0460875	0.10969078	0.748613565	-0.4811125	0.51032953	0.113281615									
ZNF318	NM_014345_bp3009_R	AGCTAAAAGGCTCAGATCTTGGGGAATTAATCTCTTGAATTAATTCCCAAGATCTGAGCCGG	Hs.509718	10122	-0.1355875	0.08317534	0.355492884	-0.5180125	0.43075336	0.066303824									
ZNF318	NM_014345_bp3009_R	AGCTAAAAGGCTCAGATCTTGGGGAATTAATCTCTTGAATTAATTCCCAAGATCTGAGCCGG	Hs.509718	15498	-0.0965625	0.0927894	0.503965391	-0.5348625	0.71536321	0.161305432									
ZNF318	NM_014345_bp5129_R	AGCTAAAAGCAGGCCTTATGAAACAATTATCTCTTGAATAATTGTTTCATAAGGCCTGCGG	Hs.509718	4748	0.3136875	0.25901903	0.113081527	0.2215875	0.34459707	0.307021759									
ZNF318	NM_014345_bp5129_R	AGCTAAAAGCAGGCCTTATGAAACAATTATCTCTTGAATAATTGTTTCATAAGGCCTGCGG	Hs.509718	10124	0.2851125	0.28497047	0.153991147	0.2543125	0.29504292	0.215525753									
ZNF318	NM_014345_bp5129_R	AGCTAAAAGCAGGCCTTATGAAACAATTATCTCTTGAATAATTGTTTCATAAGGCCTGCGG	Hs.509718	15500	0.3552625	0.27138462	0.085889952	0.2936125	0.32954893	0.182552783									
ZNF318	NM_014345_bp6528_R	AGCTAAAAGTCACTCGGATTGGAATTAAATCTCTTGAATTTAATTCAATCCGAGTGACGG	Hs.509718	4750	0.2538375	0.19669022	0.151361044	-0.4701875	0.51214217	0.120324448									
ZNF318	NM_014345_bp6528_R	AGCTAAAAGTCACTCGGATTGGAATTAAATCTCTTGAATTTAATTCAATCCGAGTGACGG	Hs.509718	10126	0.1655125	0.18931764	0.31589286	-0.4810875	0.68063454	0.183637435									
ZNF318	NM_014345_bp6528_R	AGCTAAAAGTCACTCGGATTGGAATTAAATCTCTTGAATTTAATTCAATCCGAGTGACGG	Hs.509718	15502	0.2251125	0.17031866	0.181392091	-0.3790125	0.67021132	0.271510456									
ZNF406	AB167741_bp2331_R	AGCTAAAAGTGTGAATACTGTGGCAAACTTCTCTTGAAAGTTTGCCACAGTATTCACACGG	Hs.446172	3825	0.0047625	0.28058377	0.979581139				0.301275	0.30279277	0.19913112						
ZNF406	AB167741_bp2331_R	AGCTAAAAGTGTGAATACTGTGGCAAACTTCTCTTGAAAGTTTGCCACAGTATTCACACGG	Hs.446172	9201	-0.0358625	0.20637834	0.822775394				0.3407	0.31877205	0.158550597						
ZNF406	AB167741_bp2331_R	AGCTAAAAGTGTGAATACTGTGGCAAACTTCTCTTGAAAGTTTGCCACAGTATTCACACGG	Hs.446172	14577	0.0008875	0.17867827	0.995403951				0.376525	0.32886366	0.128202222						
ZNF406	AB167741_bp2615_R	AGCTAAAAGGGTGGTCATTGCTTTCTCAATTCTCTTGAATTGAGAAAGCAATGAGCACCCGG	Hs.446172	3823	0.3802125	0.5083329	0.166850822				0.2208	0.29420562	0.32797475						
ZNF406	AB167741_bp2615_R	AGCTAAAAGGGTGCTCATTGCTTTCTCAATTCTCTTGAATTGAGAAAGCAATGAGCACCCGG	Hs.446172	9199	0.3972875	0.47512465	0.137068259				-0.214225	0.17619272	0.303102721						
ZNF406	AB167741_bp2615_R	AGCTAAAAGGGTGCTCATTGCTTTCTCAATTCTCTTGAATTGAGAAAGCAATGAGCACCCGG	Hs.446172	14575	0.3960375	0.48476802	0.142338632				-0.406225	0.26842427	0.091966407						
ZNF435	BF528199_bp1160_R	AGCTAAAAGCCGCCTACATTCATGAACAGTCTCTTGAACTGTTCATGAATGTAGGCGGCGG	Hs.288539	4347	-1.089525	1.00008744	0.044104533	-0.808275	0.348322	0.010590434	-0.1249	0.39361221	0.660991179						
ZNF435	BF528199_bp1160_R	AGCTAAAAGCCGCCTACATTCATGAACAGTCTCTTGAACTGTTCATGAATGTAGGCGGCGG	Hs.288539	9723	-0.483675	0.38369421	0.057253118	-1.598075	1.22522173	0.031161533	0.258133333	1.0568555	0.58663887						
ZNF435	BF528199_bp1160_R	AGCTAAAAGCCGCCTACATTCATGAACAGTCTCTTGAACTGTTCATGAATGTAGGCGGCGG	Hs.288539	15099	-0.459625	0.3253752	0.051323454	-2.16375	0.85599368	0.026843756	-0.0039	0.41931432	0.991479599						
ZNF435	BF528199_bp139_R	AGCTAAAAAGGAAGGCCATTTCCGCAGTAATCTCTTGAATTACTGCGGAAATGGCCTTCCGG	Hs.288539	4351	-0.055075	0.01961502	0.688366059	-0.29025	0.86138093	0.477232711	0.33085	0.96527147	0.509973229						
ZNF435	BF528199_bp139_R	AGCTAAAAGGAAGGCCATTTCCGCAGTAATCTCTTGAATTACTGCGGAAATGGCCTTCCGG	Hs.288539	9727	-0.01975	0.21370619	0.902606883	-0.40075	0.6382626	0.232800282	0.113666667	0.77333648	0.76518128						
ZNF435	BF528199_bp139_R	AGCTAAAAGGAAGGCCATTTCCGCAGTAATCTCTTGAATTACTGCGGAAATGGCCTTCCGG	Hs.288539	15103	-0.38115	0.70152411	1.260366084	-0.0589	0.90518861	0.886921461	-0.21436667	1.06348458	0.651516425						
ZNF435	BF528199_bp165_R	AGCTAAAAAGCTCCTTCATTAGCACATCCATCTCTTGAATGGATGTGCTAATGAAGGAGCGG	Hs.288539	4349	-0.428233333	0.34466857	0.120811192	-0.888966667	0.2061175	0.013306726	-0.66743333	0.65381473	0.096723794						
ZNF435	BF528199_bp165_R	AGCTAAAAAGCTCCTTCATTAGCACATCCATCTCTTGAATGGATGTGCTAATGAAGGAGCGG	Hs.288539	15101	-0.849525	0.49644654	0.014359613	-0.888866667	0.30876919	0.019278693	-1.17435	0.04292138	0.018782397						
ZNF435	BF528199_bp165_R	AGCTAAAAAGCTCCTTCATTAGCACATCCATCTCTTGAATGGATGTGCTAATGAAGGAGCGG	Hs.288539	9725	-0.3817	0.32177598	0.086569385	-0.899533333	0.01143642	0.018788489	-0.74155	0.83841651	0.156109259						
ZNF511	BM916106_bp1006_R	AGCTAAAAAGACTCTCGGGTTGTATATGATTCTCTTGAAATCATATACAACCCGAGAGTCGG	Hs.422113	4714	-0.0729375	0.64280945	0.804973231	-0.1525375	0.64179538	0.626204104				0.622925	1.05399814	0.32235417	0.96625	0.92232128	0.127138248
ZNF511	BM916106_bp1006_R	AGCTAAAAAGACTCTCGGGTTGTATATGATTCTCTTGAAATCATATACAACCCGAGAGTCGG	Hs.422113	10090	0.0071375	0.54549981	0.978099148	-0.1550375	0.75046793	0.662719173				0.812525	1.21032145	0.271935947	0.94375	0.84890549	0.11268064
ZNF511	BM916106_bp1006_R	AGCTAAAAAGACTCTCGGGTTGTATATGATTCTCTTGAAATCATATACAACCCGAGAGTCGG	Hs.422113	15466	0.1222625	0.57104725	0.652904706	-0.3311375	1.11133258	0.516663775				0.770525	1.1471335	0.271226694	1.007975	0.93031783	0.118796494
ZNF511	BM916106_bp1207_R	AGCTAAAAAGCACGCATCCTTATGATCTTCTCTTGAAAGAGATCATAAGGATGCGTGCGG	Hs.422113	4718	-1.0266375	0.21061996	0.001093846	-0.1019625	0.22903083	0.55346931				-0.3078	0.53811618	0.335636316	0.664125	0.34452708	0.030830459
ZNF511	BM916106_bp1207_R	AGCTAAAAAGCACGCATCCTTATGATCTTCTCTTGAAAGAGATCATAAGGATGCGTGCGG	Hs.422113	10094	-0.9261125	0.10626271	0.001016954	-0.0368125	0.18462271	0.81628242				-0.286725	0.51565176	0.347199579	0.69425	0.45892539	0.056526231
ZNF511	BM916106_bp1207_R	AGCTAAAAAGCACGCATCCTTATGATCTTCTCTTGAAAGAGATCATAAGGATGCGTGCGG	Hs.422113	15470	-0.7889875	0.12822023	0.002302056	0.0013375	0.32295334	0.994256596				-0.219925	0.55194937	0.483747583	0.6291	0.33025531	0.031792762
ZNF511	BM916106_bp922_R	AGCTAAAAAGCTCCACGATTGTATGTGTTGTCTCTTGAACAACACATACAATCGTGGAGCGG	Hs.422113	4716	-0.4051875	0.27041577	0.058762414	-0.0372125	0.1339845	0.80236128				0.63945	0.29666945	0.022985382	0.924025	0.13777855	0.000895884
ZNF511	BM916106_bp922_R	AGCTAAAAAGCTCCACGATTGTATGTGTTGTCTCTTGAACAACACATACAATCGTGGAGCGG	Hs.422113	10092	-0.5085875	0.2769461	0.012899345	-0.0378125	0.4209017	0.867987736				0.6033	0.37053256	0.047260266	0.909525	0.1558143	0.001350221
ZNF511	BM916106_bp922_R	AGCTAAAAAGCTCCACGATTGTATGTGTTGTCTCTTGAACAACACATACAATCGTGGAGCGG	Hs.422113	15468	-0.2988875	0.28586957	0.139110762	0.2435625	0.37317298	0.282627476				0.51735	0.2203274	0.018260938	0.92955	0.15516283	0.001250664
ZNF516	DB6975_bp2445_R	AGCTAAAAAGCTGTCCGATTTGCACAACAATCTCTTGAATTGTTGTGCAAATCGGAGCAGCGG	Hs.436973	4765	-0.0595125	0.13590192	0.687552976	-0.3565375	0.25430334	0.090109318				-0.14585	0.44494824	0.558882124	0.3411	0.37407376	0.165706836
ZNF516	DB6975_bp2445_R	AGCTAAAAAGCTGTCCGATTTGCACAACAATCTCTTGAATTGTTGTGCAAATCGGAGCAGCGG	Hs.436973	10141	-0.0645875	0.16370788	0.672464095	-0.2703625	0.23799599	0.161570463				-0.1298	0.47781856	0.624691711	0.385475	0.42874554	0.16999412
ZNF516	DB6975_bp2445_R	AGCTAAAAAGCTGTCCGATTTGCACAACAATCTCTTGAATTGTTGTGCAAATCGGAGCAGCGG	Hs.436973	15517	-0.1387375	0.13512089	0.365435536	-0.4485125	0.42827214	0.100257559				-0.1906	0.4587734	0.466973489	0.364225	0.43707576	0.194175695
ZNF516	DB6975_bp2601_R	AGCTAAAAGTGTCCTTACTGCAGCCACAATCTCTTGAATTGTGGCTGCAGTAAGGACACGG	Hs.436973	4767	0.8679875	0.15527723	0.001710933	0.2738375	0.41957184	0.263643608				0.91755	0.17830275	0.001956137	1.153525	0.45961734	0.015229009
ZNF516	DB6975_bp2601_R	AGCTAAAAGTGTCCTTACTGCAGCCACAATCTCTTGAATTGTGGCTGCAGTAAGGACACGG	Hs.436973	10143	0.8939625	0.13496579	0.00135442 8	0.4907625	0.36981204	0.061988456				0.8844	0.11270513	0.000562282	1.1337	0.43628514	0.018840164
ZNF516	DB6975_bp2601_R	AGCTAAAAGTGTCCTTACTGCAGCCACAATCTCTTGAATTGTGGCTGCAGTAAGGACACGG	Hs.436973	15519	0.9736625	0.16973428	0.001096614	0.4811625	0.40715022	0.078669435				0.896575	0.10559143	0.000444746	1.19915	0.48630597	0.015983421
ZNF516	DB6975_bp3755_R	AGCTAAAAAGAGACCATTCTAACACAGGTATCTCTTGAATACCTGTGTTAGAATGGTCTCGG	Hs.436973	4769	0.0526625	0.79511768	0.880701198	0.3408875	0.74112167	0.352584266				0.922775	1.65624708	0.346386496	1.1795	0.46857098	0.015105217
ZNF516	DB6975_bp3755_R	AGCTAAAAAGAGACCATTCTAACACAGGTATCTCTTGAATACCTGTGTTAGAATGGTCTCGG	Hs.436973	10145	0.0055625	0.78529073	0.987203387	0.3909875	0.83064727	0.335660229				0.89655	1.64495996	0.355414011	1.2414	0.41392524	0.009280615
ZNF516	DB6975_bp3755_R	AGCTAAAAAGAGACCATTCTAACACAGGTATCTCTTGAATACCTGTGTTAGAATGGTCTCGG	Hs.436973	15521	0.2831875	0.8348858	0.452394775	0.654275	0.85344253	0.261906469				0.97205	1.63439365	0.319808338	1.230775	0.65075579	0.032385923
ZNF532	AK128058_bp3679_R	AGCTAAAAGCCTCCAAACTTGGGTATAAATCTCTTGAATTTATACCCAAGTTTGGAGCGCG	Hs.529023	4077	-1.1733875	0.26828812	0.00086012				-0.246825	0.16280697	0.238747447						
ZNF532	AK128058_bp3679_R	AGCTAAAAGCCTCCAAACTTGGGTATAAATCTCTTGAATTTATACCCAAGTTTGGAGCGCG	Hs.529023	9453	-1.1405375	0.30328489	0.001242289				-0.205075	0.09228035	0.304814864						
ZNF532	AK128058_bp3679_R	AGCTAAAAGCCTCCAAACTTGGGTATAAATCTCTTGAATTTATACCCAAGTTTGGAGCGCG	Hs.529023	14829	-1.1942625	0.23326777	0.000627548				-0.1557	0.1179946	0.431481626						
ZNF532	AK128058_bp4121_R	AGCTAAAAGACCCTGACCTGAAAGAAATGTCTCTTGAACATTCTTTCAGGTCAGGGTCGG	Hs.529023	4105	-0.5016625	0.25999362	0.027905826				0.320525	0.1376801	0.135807832						
ZNF532	AK128058_bp4121_R	AGCTAAAAGACCCTGACCTGAAAGAAATGTCTCTTGAACATTCTTTCAGGTCAGGGTCGG	Hs.529023	9481	-0.6975375	0.45209384	0.023682018				0.269675	0.09445921	0.19070049						
ZNF532	AK128058_bp4121_R	AGCTAAAAGACCCTGACCTGAAAGAAATGTCTCTTGAACATTCTTTCAGGTCAGGGTCGG	Hs.529023	14857	-0.5515875	0.23297989	0.017201105				0.321225	0.09224476	0.129090055						
ZNF532	AK128058_bp5752_R	AGCTAAAAGCCGCCTGTGTATTGCAATTGTCTCTTGAACAATTGCAATACACAGGCGGCGG	Hs.529023	4079	-0.4082125	0.34518497	0.079279921				-0.2893	0.23249756	0.193152144						
ZNF532	AK128058_bp5752_R	AGCTAAAAGCCGCCTGTGTATTGCAATTGTCTCTTGAACAATTGCAATACACAGGCGGCGG	Hs.529023	9455	-0.2352125	0.2992963	0.233156304				-0.267275	0.22242686	0.221655093						
ZNF532	AK128058_bp5752_R	AGCTAAAAGCCGCCTGTGTATTGCAATTGTCTCTTGAACAATTGCAATACACAGGCGGCGG	Hs.529023	14831	-0.2679125	0.31245201	0.190320481				-0.275275	0.25821115	0.220537704						
ZNF584	NM_173548_bp1115_R	AGCTAAAAGGCCTTCAGTTACCCGTCTAATCTCTTGAATTAGACGGGTAACTGAAGGCCGG	Hs.439551	5000	-1.8495375	1.53926665	0.028747546	0.2939625	0.63838694	0.363425127									
ZNF584	NM_173548_bp1115_R	AGCTAAAAGGCCTTCAGTTACCCGTCTAATCTCTTGAATTAGACGGGTAACTGAAGGCCGG	Hs.439551	10376	-1.1980875	1.21283143	0.056880489	0.1243625	0.24472717	0.484101487									
ZNF584	NM_173548_bp1115_R	AGCTAAAAGGCCTTCAGTTACCCGTCTAATCTCTTGAATTAGACGGGTAACTGAAGGCCGG	Hs.439551	15752	-1.0352375	1.70417833	0.183631433	0.2026875	0.34095832	0.339573846									
ZNF584	NM_173548_bp1502_R	AGCTAAAAGGAACGGCCCTATGAATGTAGTCTCTTGAACTACATTCATAGGGCCGTTCCGG	Hs.439551	5004	-1.1405125	1.1969708	0.063536368	0.6758625	0.76372089	0.10794796									
ZNF584	NM_173548_bp1502_R	AGCTAAAAGGAACGGCCCTATGAATGTAGTCTCTTGAACTACATTCATAGGGCCGTTCCGG	Hs.439551	10380	-0.6173625	0.79501472	0.123191884	0.7027125	0.72603222	0.087889564									
ZNF584	NM_173548_bp1502_R	AGCTAAAAGGAACGGCCCTATGAATGTAGTCTCTTGAACTACATTCATAGGGCCGTTCCGG	Hs.439551	15756	-0.4037875	2.05698052	0.633730091	0.6824375	0.77558229	0.108869845									
ZNF584	NM_173548_bp978_R	AGCTAAAAGACCATCTGATAACGCATTCTTCTCTTGAAAGAATGCGTTATCAGATGGTCGG	Hs.439551	5002	-0.4494625	1.20975498	0.396777108	0.2227625	0.27725882	0.256974683									
ZNF584	NM_173548_bp978_R	AGCTAAAAGACCATCTGATAACGCATTCTTCTCTTGAAAGAATGCGTTATCAGATGGTCGG	Hs.439551	10378	0.1074125	0.20175855	0.508675721	0.2262875	0.28964447	0.258520395									
ZNF584	NM_173548_bp978_R	AGCTAAAAGACCATCTGATAACGCATTCTTCTCTTGAAAGAATGCGTTATCAGATGGTCGG	Hs.439551	15754	-1.0016625	2.19642519	0.296071499	0.12315	0.82231395	0.566649767									
ZNF608	XM_114432_bp3497_R	AGCTAAAAGCCCGGGCCTATTCAGACATATTCTCTTGAATATGTCTGAATAGGCCGGGCGG	Hs.439551	4983	-0.3246875	0.08509411	0.058998604	-0.3897875	0.50861942	0.178238237									
ZNF608	XM_114432_bp3497_R	AGCTAAAAGCCCGGGCCTATTCAGACATATTCTCTTGAATATGTCTGAATAGGCCGGGCGG	Hs.439551	10359	-0.4860125	0.11380983	0.016168011	-0.5867875	0.45107884	0.052913844									
ZNF608	XM_114432_bp3497_R	AGCTAAAAGCCCGGGCCTATTCAGACATATTCTCTTGAATATGTCTGAATAGGCCGGGCGG	Hs.439551	15735	-0.179183333	0.2784366	0.424566084	0.080175	0.08184761	0.77126173									
ZNF608	XM_114432_bp4198_R	AGCTAAAAGGGCCATCAGTGCCTAATAAATCTCTTGAATTTATTAAGGCACTGATGGCCCGG	Hs.439551	4981	0.1271625	0.32005623	0.509116597	-0.1882875	1.29726146	0.745386173									
ZNF608	XM_114432_bp4198_R	AGCTAAAAGGGCCATCAGTGCCTAATAAATCTCTTGAATTTATTAAGGCACTGATGGCCCGG	Hs.439551	10357	-0.0082625	0.2463667	0.960961456	-0.2518875	1.1349818	0.625316051									
ZNF608	XM_114432_bp4198_R	AGCTAAAAGGGCCATCAGTGCCTAATAAATCTCTTGAATTTATTAAGGCACTGATGGCCCGG	Hs.439551	15733	0.0735375	0.31501794	0.696038418	-0.1749125	1.17616001	0.740913594									
ZNF608	XM_114432_bp4272_R	AGCTAAAAGCCGACAGCTTCAAAGCTAATCTCTTGAATTAGCTTTGAAGCTGTCGGCCGG	Hs.439551	4985	0.2971375	0.27859479	0.137586912	-0.9634875	0.8141877	0.047679182									
ZNF608	XM_114432_bp4272_R	AGCTAAAAGCCGACAGCTTCAAAGCTAATCTCTTGAATTAGCTTTGAAGCTGTCGGCCGG	Hs.439551	10361	0.1281625	0.29413084	0.490151433	-1.0912625	0.80291011	0.031024018									
ZNF608	XM_114432_bp4272_R	AGCTAAAAGCCGACAGCTTCAAAGCTAATCTCTTGAATTAGCTTTGAAGCTGTCGGCCGG	Hs.439551	15737	0.130825	0.05221984	0.618970813												
ZNF85	BC036394_bp2275_R	AGCTAAAAGGGAAAGCTTTAATCAATTTATCTCTTGAATAAATTGATTAAAGCTTTGCCGG	Hs.37138	4232	-0.285425	0.27238544	0.147528858	-0.30775	0.19012988	0.102734883	-0.22443333	0.48457016	0.46944193						
ZNF85	BC036394_bp2275_R	AGCTAAAAGGGAAAGCTTTAATCAATTTATCTCTTGAATAAATTGATTAAAGCTTTGCCGG	Hs.37138	9608	-0.472066667	0.07998358	0.04979556	-0.46655	0.21666845	0.033076192	-0.0544	0.97002763	0.601523772						
ZNF85	BC036394_bp2275_R	AGCTAAAAGGGAAAGCTTTAATCAATTTATCTCTTGAATAAATTGATTAAAGCTTTGCCGG	Hs.37138	14984	-0.2864	0.80235684	0.432977477	-0.509025	0.14142865	0.018627144	-0.12356667	0.36645464	0.658373023						
ZNF85	BC036394_bp2445_R	AGCTAAAAGTTGTCACACTTTAGGTAAGATCTCTTGAATCTTACCTAAAGTGTGACAACGG	Hs.37138	4236	-0.885025	0.75074445	0.03854708				-0.0381	0.62395102	0.924821829						
ZNF85	BC036394_bp2445_R	AGCTAAAAGTTGTCACACTTTAGGTAAGATCTCTTGAATCTTACCTAAAGTGTGACAACGG	Hs.37138	9612	-0.665225	0.78715997	0.160277876				-0.1615	0.69155043	0.702348184						
ZNF85	BC036394_bp2445_R	AGCTAAAAGTTGTCACACTTTAGGTAAGATCTCTTGAATCTTACCTAAAGTGTGACAACGG	Hs.37138	14988	-0.9389	0.70058292	0.025913717				0.1287	0.64855834	0.754494909						
ZNF85	BC036394_bp2592_R	AGCTAAAAGCCGTTAATATCTGCTCACATTCTCTTGAATGGTGAGCAGATATTAACGGCGG	Hs.37138	4234	-0.1944	0.37980643	0.365987871	-0.2084	0.24624055	0.264556935	0.064566667	0.00070946	0.787793679						
ZNF85	BC036394_bp2592_R	AGCTAAAAGCCGTTAATATCTGCTCACATTCTCTTGAATGGTGAGCAGATATTAACGGCGG	Hs.37138	9610	0.04365	0.67088957	0.886172062	-0.21375	0.31418704	0.298548866	0.6297	0.94810125	0.185687211						
ZNF85	BC036394_bp2592_R	AGCTAAAAGCCGTTAATATCTGCTCACATTCTCTTGAATGGTGAGCAGATATTAACGGCGG	Hs.37138	14986	-0.115925	0.48457641	0.632235435	-0.2837	0.14280964	0.10784743	0.074033333	0.54554051	0.815486702						
ZNF93	AK096342_bp1066_R	AGCTAAAAGCCCTTAGGTTTGTGAAGAATGTCTCTTGAACATTCTTCACAAACGTAGGGCGG	Hs.565270	4036	-0.9279875	0.23763678	0.020046062				-0.9639	0.26797506	0.003058079						
ZNF93	AK096342_bp1066_R	AGCTAAAAGCCCTTAGGTTTGTGAAGAATGTCTCTTGAACATTCTTCACAAACGTAGGGCGG	Hs.565270	9412	-0.7317375	0.0865003	0.002736539				-0.871725	0.3238979	0.006214025						
ZNF93	AK096342_bp1066_R	AGCTAAAAGCCCTTAGGTTTGTGAAGAATGTCTCTTGAACATTCTTCACAAACGTAGGGCGG	Hs.565270	14788	-0.7346125	0.03011003	0.002373362				-0.813075	0.28947065	0.007477995						
ZNF93	AK096342_bp2109_R	AGCTAAAAGTACCTGAAGTGGTTCAATGATCTCTTGAATCATTGAACCACTTCAGGTACGG	Hs.565270	4040							-0.671175	0.0632803	0.009853753						
ZNF93	AK096342_bp2109_R	AGCTAAAAGTACCTGAAGTGGTTCAATGATCTCTTGAATCATTGAACCACTTCAGGTACGG	Hs.565270	9416							-0.500275	0.15082366	0.036786619						
ZNF93	AK096342_bp2109_R	AGCTAAAAGTACCTGAAGTGGTTCAATGATCTCTTGAATCATTGAACCACTTCAGGTACGG	Hs.565270	14792							-0.4546	0.16149297	0.052187037						
ZNF93	AK096342_bp2624_R	AGCTAAAGGCAGAAGAATTAGTCAAAGATCTCTTGAATCTTTGACTAATTTCTTGCTGCGG	Hs.565270	4038	-0.0234875	0.26499545	0.892347052				-0.360825	0.34497885	0.146782004						
ZNF93	AK096342_bp2624_R	AGCTAAAGGCAGAAGAATTAGTCAAAGATCTCTTGAATCTTTGACTAATTTCTTGCTGCGG	Hs.565270	9414	0.0145375	0.33057875	0.939371513				-0.42895	0.40703832	0.110626994						
ZNF93	AK096342_bp2624_R	AGCTAAAGGCAGAAGAATTAGTCAAAGATCTCTTGAATCTTTGACTAATTTCTTGCTGCGG	Hs.565270	14790	0.0449375	0.18365958	0.772924978				-0.263525	0.37771943	0.282710459						
ZNFN1A1	NM_006060_bp401_R	AGCTAAAAGTGCGGGAGATTTACGAATGCTCTCTTGAAGCATTCGTAAATCCTCCGCACGG	Hs.435949	4904	0.4939375	0.44095609	0.068910562	-0.0401625	0.38951154	0.853087767									
ZNFN1A1	NM_006060_bp401_R	AGCTAAAAGTGCGGGAGATTTACGAATGCTCTCTTGAAGCATTCGTAAATCCTCCGCACGG	Hs.435949	10280	0.5004375	0.46076202	0.071992349	-0.0876125	0.40961167	0.697373327									
ZNFN1A1	NM_006060_bp401_R	AGCTAAAAGTGCGGGAGATTTACGAATGCTCTCTTGAAGCATTCGTAAATCCTCCGCACGG	Hs.435949	15656	0.6035125	0.44026103	0.036851589	0.0085625	0.49398876	0.973007469									
ZNFN1A1	NM_006060_bp916_R	AGCTAAAGAGAAGCCTGTGCAAGATATCTCTTGAATGAGAAACGCAATGAGCACCCTCGG	Hs.435949	4900	3.2301875	0.63767272	8.19E-05	0.9991625	0.82834082	0.0446825									
ZNFN1A1	NM_006060_bp916_R	AGCTAAAGAGAAGCCTGTGCAAGATATCTCTTGAATGAGAAACGCAATGAGCACCCTCGG	Hs.435949	10276	2.8107625	0.40150186	3.37E-05	0.7670875	0.59075138	0.042561453									
ZNFN1A1	NM_006060_bp916_R	AGCTAAAGAGAAGCCTGTGCAAGATATCTCTTGAATGAGAAACGCAATGAGCACCCTCGG	Hs.435949	15652	2.5424125	0.25254683	1.87E-05	0.8282125	0.50012157	0.033318305									
ZNFN1A1	NM_006060_bp995_R	AGCTAAAAGCCTTATGCCTCAGAAATTTCTCTCTTGAAGAAATTTCTGAGCATAGAGCGG	Hs.435949	4902	0.2030625	0.11000975	0.195843224	-0.2916125	0.29878429	0.167986592									
ZNFN1A1	NM_006060_bp995_R	AGCTAAAAGCCTTATGCCTCAGAAATTTCTCTCTTGAAGAAATTTCTGAGCATAGAGCGG	Hs.435949	10278	0.2222625	0.20392681	0.202020468	-0.0312375	0.39820452	0.886898458									
ZNFN1A1	NM_006060_bp995_R	AGCTAAAAGCCTTATGCCTCAGAAATTTCTCTCTTGAAGAAATTTCT

ZYX	BC073825_bp514_R	AGCTAAAAGCCATTGTCATCTGCCTCAATTCTCTTGAAATTGAGGCAGATGACAATGGCGG	Hs.490415	15055	-0.505375	0.27351813	0.029131329	-0.37925	0.42331221	0.145565337	0.673566667	0.7022311	0.104300831					
ZYX	BC073825_bp514_R	AGCTAAAAGCCATTGTCATCTGCCTCAATTCTCTTGAAATTGAGGCAGATGACAATGGCGG	Hs.490415	9679	0.240375	0.77990666	0.496617653	-0.345133333	0.24904486	0.171168442	0.18475	0.21545544	0.593899335					
	AK023999_bp1234_R	AGCTAAAAAGGGGAAATCTAACACATTTCTCTCTTGAAGAAATGTGTTAGAATTTCCCCGG	Hs.26039	3861	1.396033333	0.32007678	0.002706202				-0.1659	0.5100614	0.537472937					
	AK023999_bp1234_R	AGCTAAAAAGGGGAAATCTAACACATTTCTCTCTTGAAGAAATGTGTTAGAATTTCCCCGG	Hs.26039	9237	1.5395	0.46875999	0.003673793				-0.2906	0.31617405	0.218045103					
	AK023999_bp1234_R	AGCTAAAAAGGGGAAATCTAACACATTTCTCTCTTGAAGAAATGTGTTAGAATTTCCCCGG	Hs.26039	14613	1.411333333	0.4215547	0.004095019				-0.2331	0.33137011	0.318161735					
	AK023999_bp312_R	AGCTAAAAAGCACGTGAACTAAGAGTGACATCTCTTGAATGTCACTCTTAGTTCACGTGCGG	Hs.26039	3863	0.7525125	0.13675146	0.002947521				-0.291325	0.3645532	0.234781493					
	AK023999_bp312_R	AGCTAAAAAGCACGTGAACTAAGAGTGACATCTCTTGAATGTCACTCTTAGTTCACGTGCGG	Hs.26039	9239	0.6975125	0.23974023	0.007078593				-0.2428	0.29232058	0.285662874					
	AK023999_bp312_R	AGCTAAAAAGCACGTGAACTAAGAGTGACATCTCTTGAATGTCACTCTTAGTTCACGTGCGG	Hs.26039	14615	0.6634875	0.28437821	0.011242657				-0.195575	0.28909601	0.380216526					
	AK023999_bp746_R	AGCTAAAAAGAGGCTGTTGTGAGTGAAACATCTCTTGAATGTTTCACTCACAACAGCCTCGG	Hs.26039	3859	2.0222125	0.73114855	0.001267326				2.110925	0.25748439	4.04E-05					
	AK023999_bp746_R	AGCTAAAAAGAGGCTGTTGTGAGTGAAACATCTCTTGAATGTTTCACTCACAACAGCCTCGG	Hs.26039	9235	1.5417625	0.95850086	0.011028303				1.96595	0.38073467	0.000112522					
	AK023999_bp746_R	AGCTAAAAAGAGGCTGTTGTGAGTGAAACATCTCTTGAATGTTTCACTCACAACAGCCTCGG	Hs.26039	14611	1.8512625	0.46480852	0.00039449				2.13495	0.34464156	5.80E-05					
	AK054990_bp1237_R	AGCTAAAAAGACAGTAAGATTTGTGGGAAATCTCTTGAATTTCCCACAAATCTTACTGTCGG	Hs.131740	5090	-0.2952375	0.24514275	0.124763202	-0.9590625	0.55886155	0.017609773								
	AK054990_bp1237_R	AGCTAAAAAGACAGTAAGATTTGTGGGAAATCTCTTGAATTTCCCACAAATCTTACTGTCGG	Hs.131740	10466	-0.1222625	0.29163876	0.507901929	-0.9210125	0.662402	0.033819738								
	AK054990_bp1237_R	AGCTAAAAAGACAGTAAGATTTGTGGGAAATCTCTTGAATTTCCCACAAATCTTACTGTCGG	Hs.131740	15842	-0.1187875	0.02656973	0.401742958	-0.5638125	1.85260494	0.499000589								
	AK054990_bp310_R	AGCTAAAAAGTACGTTTGGTAACCTCAATCTCTCTTGAAGATTGAGGTTACCAAACGTACGG	Hs.131740	5092	1.4567375	0.49463141	0.00145546	1.0561375	0.40356558	0.005289679								
	AK054990_bp310_R	AGCTAAAAAGTACGTTTGGTAACCTCAATCTCTCTTGAAGATTGAGGTTACCAAACGTACGG	Hs.131740	10468	1.3587875	0.49102047	0.001946898	0.8383625	0.41095414	0.013248231								
	AK054990_bp310_R	AGCTAAAAAGTACGTTTGGTAACCTCAATCTCTCTTGAAGATTGAGGTTACCAAACGTACGG	Hs.131740	15844	1.4026125	0.48531563	0.001628871	1.0243375	0.39919246	0.005806821								
	AK054990_bp759_R	AGCTAAAAAGGACATCTTCTTTTCTCTGTCTTCTCTTGAAAGACAGAGAAAGAAGATGTCCGG	Hs.131740	5094	-0.7392625	0.58706879	0.03656233	-0.1765875	0.4485577	0.470088963								
	AK054990_bp759_R	AGCTAAAAAGGACATCTTCTTTTCTCTGTCTTCTCTTGAAAGACAGAGAAAGAAGATGTCCGG	Hs.131740	10470	-0.5565875	0.50320362	0.062827406	-0.2880125	0.32056867	0.184354892								
	AK054990_bp759_R	AGCTAAAAAGGACATCTTCTTTTCTCTGTCTTCTCTTGAAAGACAGAGAAAGAAGATGTCCGG	Hs.131740	15846	-0.4469625	0.54128077	0.12877771	-0.2327875	0.13683338	0.16524453								
	AK057233_bp1475_R	AGCTAAAAAGTTGCCTAAGTTGGAAATTATTCTCTTGAAATAATTTCCAACTTAGGCAACGG	Hs.122199	4007	-0.0758875	0.18807703	0.630739719				-0.026225	0.20908709	0.89719904					
	AK057233_bp1475_R	AGCTAAAAAGTTGCCTAAGTTGGAAATTATTCTCTTGAAATAATTTCCAACTTAGGCAACGG	Hs.122199	9383	-0.0450125	0.15300074	0.764367759				-0.0884	0.22943432	0.66967927					
	AK057233_bp1475_R	AGCTAAAAAGTTGCCTAAGTTGGAAATTATTCTCTTGAAATAATTTCCAACTTAGGCAACGG	Hs.122199	14759	0.0395125	0.14260419	0.789902424				-0.085725	0.20211034	0.67324968					
	AK057233_bp33_R	AGCTAAAAAGCACAAGAGCTCTGCCATAAATCTCTTGAATTTATGGCAGAGCTCTTGTGCGG	Hs.122199	4005	1.2157875	0.09592511	0.000272742				-0.045625	0.1705622	0.817966972					
	AK057233_bp33_R	AGCTAAAAAGCACAAGAGCTCTGCCATAAATCTCTTGAATTTATGGCAGAGCTCTTGTGCGG	Hs.122199	9381	1.2527375	0.21542735	0.00044667				-0.01335	0.12016593	0.944795584					
	AK057233_bp33_R	AGCTAAAAAGCACAAGAGCTCTGCCATAAATCTCTTGAATTTATGGCAGAGCTCTTGTGCGG	Hs.122199	14757	1.2706625	0.14149216	0.000270993				-0.0224	0.13742006	0.908267796					
	AK095066_bp1097_R	AGCTAAAAAGCCAGTTATATAGTAATGAAATCTCTTGAATTTCATTACTATATAACTGGCGG	Hs.595326	3912	1.3010125	0.15487422	0.000259868				0.762425	0.59884532	0.032597977					
	AK095066_bp1097_R	AGCTAAAAAGCCAGTTATATAGTAATGAAATCTCTTGAATTTCATTACTATATAACTGGCGG	Hs.595326	9288	1.0856625	0.27612632	0.001295135				1.111625	0.69788272	0.010352519					
	AK095066_bp1097_R	AGCTAAAAAGCCAGTTATATAGTAATGAAATCTCTTGAATTTCATTACTATATAACTGGCGG	Hs.595326	14664	1.2626375	0.10102285	0.000232228				1.0773	0.33464223	0.0023275					
	AK095066_bp1540_R	AGCTAAAAAGGGGCTTTCCTGTGAAATGTATCTCTTGAATACATTTCACAGGAAAGCCCCGG	Hs.595326	3910	1.8133625	0.45000856	0.000393748				0.171375	0.14377873	0.394512139					
	AK095066_bp1540_R	AGCTAAAAAGGGGCTTTCCTGTGAAATGTATCTCTTGAATACATTTCACAGGAAAGCCCCGG	Hs.595326	9286	1.7568125	0.4882314	0.000589194				0.26125	0.06716946	0.199827017					
	AK095066_bp1540_R	AGCTAAAAAGGGGCTTTCCTGTGAAATGTATCTCTTGAATACATTTCACAGGAAAGCCCCGG	Hs.595326	14662	1.8098875	0.49151512	0.000523596				0.302525	0.07888183	0.147321057					
	AK095066_bp713_R	AGCTAAAAAGAGGGGGTAGTGCAGTATTTCTCTCTTGAAGAAATACTGCACTACCCCTCCGG	Hs.595326	3938	0.9040625	0.81420006	0.04494832				0.09835	0.34795395	0.667005869					
	AK095066_bp713_R	AGCTAAAAAGAGGGGGTAGTGCAGTATTTCTCTCTTGAAGAAATACTGCACTACCCCTCCGG	Hs.595326	9314	0.7666625	0.82159997	0.075510501				0.1738	0.32123388	0.444297385					
	AK095066_bp713_R	AGCTAAAAAGAGGGGGTAGTGCAGTATTTCTCTCTTGAAGAAATACTGCACTACCCCTCCGG	Hs.595326	14690	0.9011625	0.83546592	0.048709396				0.17945	0.3510031	0.444266448					
	AK123915_bp1128_R	AGCTAAAAAGAGCCCTTAATCAGTATTCAATCTCTTGAATTGAATACTGATTAAGGGCTCGG	Hs.599086	4178	0.4532375	0.27472642	0.042233319				0.909025	0.45970675	0.009156354					
	AK123915_bp1128_R	AGCTAAAAAGAGCCCTTAATCAGTATTCAATCTCTTGAATTGAATACTGATTAAGGGCTCGG	Hs.599086	9554	0.4093375	0.27956331	0.059334449				0.9037	0.57524036	0.015269004					
	AK123915_bp1128_R	AGCTAAAAAGAGCCCTTAATCAGTATTCAATCTCTTGAATTGAATACTGATTAAGGGCTCGG	Hs.599086	14930	0.2793875	0.43598235	0.245448924				0.3215	0.74248605	0.348768851					
	AK123915_bp2304_R	AGCTAAAAAGCCCCCAAGATCACCTATCAATCTCTTGAATTGATAGGTTGATCTTGGGGGCGG	Hs.599086	4152	-0.4892875	0.2425129	0.02789447				0.05465	0.14386045	0.779921759					
	AK123915_bp2304_R	AGCTAAAAAGCCCCCAAGATCACCTATCAATCTCTTGAATTGATAGGTTGATCTTGGGGGCGG	Hs.599086	9528	-0.5422625	0.26332954	0.021507416				0.031175	0.1272413	0.87206013					
	AK123915_bp2304_R	AGCTAAAAAGCCCCCAAGATCACCTATCAATCTCTTGAATTGATAGGTTGATCTTGGGGGCGG	Hs.599086	14904	-0.3085875	0.06124694	0.065636411				0.1535	0.07960295	0.431655536					
	AK123915_bp2510_R	AGCTAAAAAGCCTCTTCAGTCTCGATACAATCTCTTGAATTGTATCGAGACTGAAGAGGCCGG	Hs.599086	4180	-0.01765	0.08973185	0.945683698				0.2002	0.21983714	0.345877645					
	AK123915_bp2510_R	AGCTAAAAAGCCTCTTCAGTCTCGATACAATCTCTTGAATTGTATCGAGACTGAAGAGGCCGG	Hs.599086	9556	-0.195833333	0.217101	0.358185025				0.2147	0.19721597	0.307932445					
	AK123915_bp2510_R	AGCTAAAAAGCCTCTTCAGTCTCGATACAATCTCTTGAATTGTATCGAGACTGAAGAGGCCGG	Hs.599086	14932	-0.1593375	0.39966744	0.464852271				0.277925	0.18839374	0.197022958					
	AL831999_bp2003_R	AGCTAAAAAGCCCTTAAAGTTGATCATTTATCTCTTGAATAAATGATCAACTTTAAGGGCGG	Hs.547396	3976	-0.5143625	0.19214277	0.018172164				-0.07045	0.37855854	0.763478373					
	AL831999_bp2003_R	AGCTAAAAAGCCCTTAAAGTTGATCATTTATCTCTTGAATAAATGATCAACTTTAAGGGCGG	Hs.547396	9352	-0.4451625	0.11853555	0.022733019				-0.018225	0.35057155	0.936102213					
	AL831999_bp2003_R	AGCTAAAAAGCCCTTAAAGTTGATCATTTATCTCTTGAATAAATGATCAACTTTAAGGGCGG	Hs.547396	14728	-0.4264125	0.20922523	0.038073164				-0.0278	0.33501691	0.901344266					
	AL831999_bp3698_R	AGCTAAAAAGAGCTGGAATGGATCTTAAATCTCTTGAATTTAAGATCCATTCCAGCTCCGG	Hs.547396	3974	1.4912125	0.63218307	0.002932631				0.218775	0.17348098	0.293144482					
	AL831999_bp3698_R	AGCTAAAAAGAGCTGGAATGGATCTTAAATCTCTTGAATTTAAGATCCATTCCAGCTCCGG	Hs.547396	9350	1.5048125	0.7207831	0.004445663				0.467325	0.36628831	0.078523439					
	AL831999_bp3698_R	AGCTAAAAAGAGCTGGAATGGATCTTAAATCTCTTGAATTTAAGATCCATTCCAGCTCCGG	Hs.547396	14726	1.6843375	0.43199302	0.004493447				0.501025	0.13024849	0.035268726					
BC033541_bp1976_R	AGCTAAAAAGGGGCTTAAGTTCCTGTTCATTCTCTTGAATGAACAGGAACTTAAGCCCCGG	Hs.142517	4569	-0.405525	0.44374968	0.117581931	-0.1005	0.29045293	0.593840804	0.087833333	0.64868564	0.79875212						
BC033541_bp1976_R	AGCTAAAAAGGGGCTTAAGTTCCTGTTCATTCTCTTGAATGAACAGGAACTTAAGCCCCGG	Hs.142517	9945	-0.24225	0.54198195	0.370306718	-0.2696	0.3053845	0.287557054	0.123766667	1.03340258	0.788533516						
BC033541_bp1976_R	AGCTAAAAAGGGGCTTAAGTTCCTGTTCATTCTCTTGAATGAACAGGAACTTAAGCCCCGG	Hs.142517	15321	0.359625	0.75172546	0.309459705	-0.351666667	0.21228486	0.152289805	-0.0838	0.98118137	0.864984404						
BC033541_bp2573_R	AGCTAAAAAGCTGCTGCTTTCCCAGGTAAGTCTCTTGAACTAACTGGGAAAGCAGCAGCGG	Hs.142517	4571	-0.12295	0.44152462	0.590720694	-0.242375	0.19491965	0.177264563	-0.1102	0.45762088	0.711246631						
BC033541_bp2573_R	AGCTAAAAAGCTGCTGCTTTCCCAGGTAAGTCTCTTGAACTAACTGGGAAAGCAGCAGCGG	Hs.142517	9947	0.037933333	0.35393595	0.871771068	-0.1782	0.32615578	0.385353162	-0.07463333	0.60020284	0.82172314						
BC033541_bp2573_R	AGCTAAAAAGCTGCTGCTTTCCCAGGTAAGTCTCTTGAACTAACTGGGAAAGCAGCAGCGG	Hs.142517	15323	0.35005	0.70791167	0.299669803				0.2353	0.07438763	0.491842832						
BC049199_bp3494_R	AGCTAAAAAGCTGCTACCTTTGCTCTTCTATCTCTTGAATAGAAGAGCAAAGGTAGCAGCGG	Hs.175322	4422	-0.781825	0.24365673	0.00449008	-0.022225	0.05641828	0.872729412	-0.05403333	0.96276274	0.901668575						
BC049199_bp3494_R	AGCTAAAAAGCTGCTACCTTTGCTCTTCTATCTCTTGAATAGAAGAGCAAAGGTAGCAGCGG	Hs.175322	9798	-1.0762	0.26961931	0.005679777	-0.23635	0.19116573	0.184302545	0.335266667	0.95075445	0.45269786						
BC049199_bp3494_R	AGCTAAAAAGCTGCTACCTTTGCTCTTCTATCTCTTGAATAGAAGAGCAAAGGTAGCAGCGG	Hs.175322	15174	-0.494225	0.48766711	0.082866032	-0.5552	0.41027987	0.051947038	-0.05363333	0.59636373	0.870808091						
BF508679_bp45_R	AGCTAAAAAGCTGCTTTATTGAATAATCTATCTCTTGAATAGATTATTCAATAAAGCAGCGG	Hs.15635	-0.0470625	0.21168738	0.770830732	0.08785875	0.12895488	0.566247692										
BF508679_bp45_R	AGCTAAAAAGCTGCTTTATTGAATAATCTATCTCTTGAATAGATTATTCAATAAAGCAGCGG	Hs.15635	4883	-0.35575	0.31377632	0.165587288	-0.0892875	0.15774158	0.565869886									
BF508679_bp45_R	AGCTAAAAAGCTGCTTTATTGAATAATCTATCTCTTGAATAGATTATTCAATAAAGCAGCGG	Hs.15635	10259				0.2293											
BF508679_bp623_R	AGCTAAAAGTGAGTCATTTCCTTGGAATCTCTCTTGAAGATTCCAAGGAAATGACTCACGG	Hs.15637	4885	1.0300125	0.38275341	0.003321129	0.9084875	0.32626869	0.005941784									
BF508679_bp623_R	AGCTAAAAGTGAGTCATTTCCTTGGAATCTCTCTTGAAGATTCCAAGGAAATGACTCACGG	Hs.15637	10261	0.9243625	0.61032445	0.01844507	0.2650875	0.8569157	0.512344926									
BF508679_bp623_R	AGCTAAAAGTGAGTCATTTCCTTGGAATCTCTCTTGAAGATTCCAAGGAAATGACTCACGG	Hs.15637	1.1016125	0.26727426	0.001142123	0.8504125	0.57322768	0.028396917										
BM995356_bp314_R	AGCTAAAAGGCAGAATCTTCATAGAAGTCTCTCTTGAAGACTTCTATGAAGACTTCTGCCGG	Hs.619194	4503	0.2397	0.29686169	0.224156608	-0.152575	0.28044812	0.421270948	0.3648	0.26451784	0.198535125						
BM995356_bp314_R	AGCTAAAAGGCAGAATCTTCATAGAAGTCTCTCTTGAAGACTTCTATGAAGACTTCTGCCGG	Hs.619194	9879	0.3053	0.34707535	0.162150991	-0.176825	0.47942779	0.488338132	0.471633333	0.19159985	0.103223046						
BM995356_bp314_R	AGCTAAAAGGCAGAATCTTCATAGAAGTCTCTCTTGAAGACTTCTATGAAGATTCTGCCGG	Hs.619194	15255	0.60785	0.58686618	0.067283046	-0.5837	0.32412502	0.065610289	0.351466667	0.46517611	0.268512665						
BM995356_bp53_R	AGCTAAAAAGGAGTTGGGGTACAGAGGAAATCTCTTGAATTTCCTCTGTACCCCAACTCCGG	Hs.619194	4505	-0.473775	0.67105764	0.162978909	-0.00895	0.13298681	0.963966953	-1.06436667	1.91396398	0.203149521						
BM995356_bp53_R	AGCTAAAAAGGAGTTGGGGTACAGAGGAAATCTCTTGAATTTCCTCTGTACCCCAACTCCGG	Hs.619194	9881	-0.48705	0.63680033	0.140133271	0.076475	0.40957646	0.733713415	-1.1918	1.89765849	0.159377256						
BM995356_bp53_R	AGCTAAAAAGGAGTTGGGGTACAGAGGAAATCTCTTGAATTTCCTCTGTACCCCAACTCCGG	Hs.619194	15257	-0.4743	0.63964889	0.149822143	0.013975	0.36723212	0.946716603	-1.151	1.71697442	0.14142266						
BM995356_bp85_R	AGCTAAAAAGGCTGGTAACTGTTGAAGTCATCTCTTGAATGACTTCAACAGTTACCAGCCGG	Hs.619194	4501	-0.18575	0.60688479	0.518948472	-0.523275	0.37033428	0.051551488	0.333166667	0.68813452	0.367936471						
BM995356_bp85_R	AGCTAAAAAGGCTGGTAACTGTTGAAGTCATCTCTTGAATGACTTCAACAGTTACCAGCCGG	Hs.619194	9877	-0.3435	0.55803588	0.230167951	-0.5034	0.27295708	0.036212581	0.566433333	1.46865761	0.371477463						
BM995356_bp85_R	AGCTAAAAAGGCTGGTAACTGTTGAAGTCATCTCTTGAATGACTTCAACAGTTACCAGCCGG	Hs.619194	15253	-0.3098	0.5286016	0.256284628	-0.536675	0.23848706	0.02463829	0.259433333	1.41981233	0.663390573						
BX647470_bp1331_R	AGCTAAAAAGGGCAGCATTTCAAATCAATATCTCTTGAATATTGATTTGAAATCGCTGCCCGG	Hs.556804	4891	-0.1307125	0.43776777	0.566237846	0.3534625	0.16686393	0.065571347									
BX647470_bp1331_R	AGCTAAAAAGGGCAGCATTTCAAATCAATATCTCTTGAATATTGATTTGAAATCGCTGCCCGG	Hs.556804	10267	-0.2460875	0.40706995	0.280914192	0.1315625	0.26195706	0.471804591									
BX647470_bp1331_R	AGCTAAAAAGGGCAGCATTTCAAATCAATATCTCTTGAATATTGATTTGAAATCGCTGCCCGG	Hs.556804	15643	0.915616667	1.37741534	0.192624801	1.1316625	0.8461142	0.03198242									
BX647470_bp2221_R	AGCTAAAAAGGTCAATAGTTATTGGTAATATCTCTTGAATATTACCAATAACTATTGACCGG	Hs.556804	4889	-0.4194375	0.30762488	0.06245548	0.6906625	0.88945556	0.139642007									
BX647470_bp2221_R	AGCTAAAAAGGTCAATAGTTATTGGTAATATCTCTTGAATATTACCAATAACTATTGACCGG	Hs.556804	10265	-0.4662125	0.28911172	0.04127988	0.1579375	0.20010206	0.353486259									
BX647470_bp2221_R	AGCTAAAAAGGTCAATAGTTATTGGTAATATCTCTTGAATATTACCAATAACTATTGACCGG	Hs.556804	15641	-0.0762375	0.22170128	0.643929517	0.7212125	0.78779631	0.098206403									
BX647470_bp3974_R	AGCTAAAAGTAGTGTACATTACCATATTATCTCTTGAATAATATGGTAATGTACACTACGG	Hs.556804	15645	-0.4535125	0.20244396	0.029981564	0.4491375	0.73064857	0.231736748									
BX648237_bp1745_R	AGCTAAAAAGCAGGGGCTCTCTCTTTCTTATCTCTTGAATAAGAAAGAGAGAGCCCCTGCGG	Hs.536770	4546	0.67035	0.60937018	0.054741168	-0.6656	0.3983936	0.027704733	1.639066667	1.23999067	0.021929947						
BX648237_bp1745_R	AGCTAAAAAGCAGGGGCTCTCTCTTTCTTATCTCTTGAATAAGAAAGAGAGAGCCCCTGCGG	Hs.536770	9922	0.67415	0.5306067	0.038785097	-0.564266667	0.2583487 8	0.058090896	1.634166667	1.17293772	0.018867342						
BX648237_bp1745_R	AGCTAAAAAGCAGGGGCTCTCTCTTTCTTATCTCTTGAATAAGAAAGAGAGAGCCCCTGCGG	Hs.536770	15298	0.642225	0.55425366	0.050154452	-0.3261			1.457733333	0.89728794	0.013901374						
BX648237_bp4865_R	AGCTAAAAAGGAGATCAGTTTATCCTAAATCTCTTGAATTTAGGATAAACTGATCTCCCGG	Hs.536770	4548	-0.00735	0.33906213	0.969704181	-0.19545	0.1358086	0.228958192	0.3272	0.44710336	0.293179594						
BX648237_bp4865_R	AGCTAAAAAGGAGATCAGTTTATCCTAAATCTCTTGAATTTAGGATAAACTGATCTCCCGG	Hs.536770	9924	0.059675	0.28372647	0.739232718	-0.19665	0.12175291	0.220514894	0.138833333	0.86526182	0.734248721						
BX648237_bp4865_R	AGCTAAAAAGGAGATCAGTTTATCCTAAATCTCTTGAATTTAGGATAAACTGATCTCCCGG	Hs.536770	15300	0.27355	0.69062979	0.398751081	-0.20645	0.09497387	0.192457193	0.2669	0.55281813	0.41804107						
BX648237_bp7029_R	AGCTAAAAGCCCCTATCATAACCCTTTCATCTCTTGAATGAAAGGGTTATGATAGGGGCCGG	Hs.536770	9920				2.2947	0.3961275	0.308117279									
BX648237_bp7029_R	AGCTAAAAGCCCCTATCATAACCCTTTCATCTCTTGAATGAAAGGGTTATGATAGGGGCCGG	Hs.536770	9920				2.146	0.40017637	0.30124429									
BX648237_bp7029_R	AGCTAAAAGCCCCTATCATAACCCTTTCATCTCTTGAATGAAAGGGTTATGATAGGGGCCGG	Hs.536770	15296				1.4125	2.91029164	0.34042005									
U92981_bp1029_R	AGCTAAAAAGGGGGACATTAGAAACTCATTTCCTTTGAAATGAGTTTCTAATGTTCCCCCCGG	Hs.18081	4897	0.1612875	0.45220439	0.491577038	0.6893375	0.65184289	0.07297738				0.92895	0.28589893	0.007399534	0.624375	0.21861724	0.010644861
U92981_bp1029_R	AGCTAAAAAGGGGGGACATTAGAAACTCATTTCCTTTGAAATGAGTTTCTAATGTTCCCCCCGG	Hs.18081	10273	0.1644625	0.46236026	0.489505587	0.6067625	0.72935568	0.126971994				0.99375	0.4300862	0.019074455	0.6076	0.21597761	0.011103164
U92981_bp1029_R	AGCTAAAAAGGGGGGACATTAGAAACTCATTTCCTTTGAAATGAGTTTCTAATGTTCCCCCCGG	Hs.18081	15649	0.2088875	0.53927519	0.433357114	0.7115375	0.76689194	0.095869168				0.932825	0.34379882	0.012279874	0.636425	0.26989291	0.018052371
U92981_bp1236_R	AGCTAAAAAGGGAGAAACCTATGTGCATATTCTTGAAATATGCACATAGGTTTCTCCCGG	Hs.18081	4871	1.7385125	0.45926622	0.000511117	-0.1721375	0.49006823	0.505544128				0.289825	0.14003074	0.025596093	0.912125	0.56145863	0.047520976
U92981_bp1236_R	AGCTAAAAAGGGAGAAACCTATGTGCATATTCTTGAAATATGCACATAGGTTTCTCCCGG	Hs.18081	10247	1.4157875	0.33738924	0.000578551	-0.0755125	0.29470599	0.688393636				0.3048	0.12682353	0.017143102	0.968275	0.6251386	0.053387467
U92981_bp1236_R	AGCTAAAAAGGGAGAAACCTATGTGCATATTCTTGAAATATGCACATAGGTTTCTCCCGG	Hs.18081	15623	1.4675375	0.24945152	0.000264333	0.0424125	0.495835	0.867458736				0.264025	0.08139191	0.007434259	0.897625	0.52003731	0.040872519
U92981_bp805_R	AGCTAAAAAGCTGCAGCTTAGAAAGCAAATCTCTTGAATTTGCTTTCTAAGCTGCAGCCGG	Hs.18081	4899	0.0975875	0.37374091	0.636141722	-0.0601625	0.22142	0.719963354				0.494825	0.37023029	0.075493	0.4304	0.3901834	0.114513118
U92981_bp805_R	AGCTAAAAAGCTGCAGCTTAGAAAGCAAATCTCTTGAATTTGCTTTCTAAGCTGCAGCCGG	Hs.18081	10275	0.0526875	0.30485721	0.775430579	-0.0179125	0.25848909	0.919063182				0.529925	0.41036406	0.081588044	0.442475	0.35624313	0.088945296
U92981_bp805_R	AGCTAAAAAGCTGCAGCTTAGAAAGCAAATCTCTTGAATTTGCTTTCTAAGCTGCAGCCGG	Hs.18081	15651	0.1738125	0.4007795	0.428414259	-0.0735875	0.33632307	0.713976528				0.4666	0.35641453	0.079117159	0.385175	0.31615924	0.092782294
XM_370948_bp778_R	AGCTAAAAAGACGCCTTCTTCGAGGAGTTCTCTCTTGAAGAACTCTCAGAAGGCGTCGG		12818															
XM_370948_bp85_R	AGCTAAAAGTGCCCCTTCTCACTGAAGACTCTCTTGAAGTCTTCAGTGAGAAGGGGCACGG		2068	5.405475	1.88245585	0.000739675	3.984175	1.36381825	0.001425617									
XM_370948_bp85_R	AGCTAAAAGTGCCCCTTCTCACTGAAGACTCTCTTGAAGTCTTCAGTGAGAAGGGGCACGG		7444	5.3321	2.64627771	0.008036612	4.109175	1.51159126	0.001884814									
XM_370948_bp85_R	AGCTAAAAAGTGCCCCTTCTCACTGAAGACTCTCTTGAAGTCTTCAGTGAGAAGGGGCACGG		12820	6.573175	2.59371032	0.001271199	4.141825	1.55927028	0.002062821									
XM_370948_bp924_R	AGCTAAAAAGTGTTCCGCTTCCTCAAGCATCTCTTGAATGCTTGAGGAAGCGGAACACCGG		892	-1.342			-0.174275	1.12453628	0.731373712									
XM_370948_bp924_R	AGCTAAAAAGTGTTCCGCTTCCTCAAGCATCTCTTGAATGCTTGAGGAAGCGGAACACCGG		6268	-0.9969			0.7523	0.18193958	0.020492724									
XM_370948_bp924_R	AGCTAAAAAGTGTTCCGCTTCCTCAAGCATCTCTTGAATGCTTGAGGAAGCGGAACACCGG		11644	-0.8637			0.80445	0.37059466	0.088657278									