

Table S2A. Information for RT-PCR analysis of human genes

SAGE tag	Symbol	Gene description	Accession Number	Forward primer	Reverse primer	Product (bp)
GTCCTTTCTG	DTR	Diphtheria toxin receptor	NM_001945	CCACACCAAAACAAGGAGGAG	GGCACTTGAAGGCTCTGGTA	557
TGACCAGGCG	PTH1R	Parathyroid hormone receptor 1 *	NM_000316	TGGAATCAGACAAGGGATGG	ATGAAGGACAGGAACAGGTG	505
TTTTGTAGAG	TP53	Tumor protein p53 (Li-Fraumeni syndrome)	XM_058834	TGGCTCTGACTGTACCACCA	CAGGCCCTTCTGTCTTGAAC	497
TTTCAGGCAG	TRIP3	Thyroid hormone receptor interactor 3 *	L40410	TCAAATGTAGCACCCTCGTC	ACCCCAAGTCTGCCGTAAAC	640
AGTGTCTTAC	GLI	Glioma-associated oncogene homolog (zinc finger protein)	NM_005269	CCAATCACAAGTCAGGTTCC	AGAGGGAGGTGGGGTATGTC	365
CAGGAGGAGT	GRP58	Glucose regulated protein, 58 kDa	Z49835	TGGAATTGTCAGCCACTTGA	CTTTGCCACCATCATTACCC	499
TAGGTCAGGA	PTP4A3	Protein tyrosine phosphatase type IVA, member 3 *	NM_032611	CTTCCTCATCACCCACAACC	GTCTTTGAACCGCAGCCTCT	433
GAGGGACTCC	CHAF1B	Chromatin assembly factor 1, subunit B (p60)	U20980	TCCATCACTCCTGCTGTCAA	CACCTCCAGCTTTACCGTCT	401
TGCCTCTGCG	CD151	CD151 antigen	BC013302	GAGACCATGCCTCCAACATC	CCTTCCAACCTGCATCTGAC	446
GATCCATAAT	PLAGL1	Pleiomorphic adenoma gene-like 1	NM_006718	GTTTGAGGACTTGCCCTGTC	GGCACAATACATGCAGTTCG	570
TGCTTTGCTT	GRB10	Growth factor receptor-bound protein 10	XM_033762	GTAGCCAAAAGTCCCCTCCAC	AGACCGCTTCTTCACTCCAG	429
CCCTGCCTTG	MDK	Midkine (neurite growth-promoting factor 2)	NM_002391	CTCAGTGCCAGGAGACCATC	GCTTCCCAGAATCCCTTGTC	294
GTGTGCAGGT	BRD3	Bromodomain containing 3	NM_007371	CTCAGAATGAACTGGCTTCG	CCAAATGACAAGGACAATGC	456
TCCAAAGTAA	HDAC1	Histone deacetylase 1	NM_004964	CCAGTATTCCGATGGCCTGTT	TGAAGCAACCTAACCGATCC	523
TCTTCTCCCT	HDGF	Hepatoma-derived growth factor (high-mobility group protein 1-like)	NM_004494	TGGAAGACCCTGAACCAGAG	CAGTAGACCCAGACAGCAG	456
TCCATCGACT	LLGL1	Lethal giant larvae homolog 1 (<i>Drosophila</i>) *	D50550	GTTACCACCCTGACCCTGCT	GATGATGCGGGAAGTGAAGT	531
GGGGGTAECT	FUS	Fusion, derived from t(12;16) malignant liposarcoma	BC002459	CTATGAACCCAGAGGTCGTG	CGGCGAGTAGCAAATGAGAC	402
CCAATAAAGT	RBP1	Retinol binding protein 1, cellular	NM_002899	CTCCAGTCACTCCCAGAAATG	CTGATTGGTTGGGACAAGGT	459
CTCATCAGCT	CAP	Adenylyl cyclase associated protein	NM_006367	ACTTGGCCTGGTATTTCGATG	CGTGGTTGAGCTGATATGGA	532
ACCGTCCACT	PPIC	Peptidylprolyl isomerase C (cyclophilin C)	BC00267	GGCCAAGGTCCTTTTGATG	GATCGAGCAGTTGGTGATG	469
TGTACTACTT	PAICS	Phosphoribosylaminoimidazole carboxylase	X53793	TGAGTGGTTGTCAGAGAGAG	CTCGCAGTTTGCTCCATACC	464
GTGTGTTTGT	TGFBI	Transforming growth factor, beta-induced, 68 kDa	NM_000358	GCGGGCTAAAGTCTCTCCAAG	GCACAAGGCTCACATCTCAT	438
GATTTAAAGA	WSB1	SOCS box-containing WD protein SWiP-1	NM_015626	TCAGTCGGAGCCAGTAAAGC	GAGAAGGCACAGCAAAGACC	389
GCTTTTAGA	HMG1	High-mobility group nucleosome binding domain 1	NM_004965	AAGGAAGAGCCCAAGAGGAG	AGAAGGGAGACAGGGACCAC	307
TGAGGGGTGA	GPS1	G protein pathway suppressor 1	U20285	TCTCTGTTGATGGGCAAGG	AGGAGGGGTCTGGGAAATG	443
GAATAAATGT	FKBP9	FK506 binding protein 9, 63 kDa	XM_030002	AATGCCTCACTTCTGGATGG	GTTTGGCTTCCTGGTCTTTG	511
ATCCGTGCC	CALM3	Calmodulin 3 (phosphorylase kinase, delta)	NM_005184	CAATGAGGTGGATGCAGATG	GGAAGACGTGGATGGAAGAG	546
TACAAAATCG	IGF2	Insulin like growth factor 2 (somatomedin A) *	AF217977	CGTTGAGGAGTGCTGTTTCC	GCCGAGGAGAGTAGCCTGTT	518
TCATCTTCAA	CALR	Calreticulin	XM_032020	CACGCTTTTATGCTCTGTCTG	CTCCGTCCATCTTTCATCC	564
TTATGGGGAG	STIP1	Stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)	NM_006819	GCCTGCTACACCAAACTCCT	GCAATCAGACCCACATCCAT	419
ACAAATCCTT	FKBP1A	FK506 binding protein 1A, 12 kDa	BC001925	ATGCCACTTCTGTCTTCGAT	CTCAACAGCCGCCTCAAATCT	539
CTGTCATTTG	SFRS3	Splicing factor, arginine/serine-rich 3	AF107405	GCATCGTATTCCTGTCCAT	ACGGCTTGTGATTTCTCTCC	440
ATATCTGTAA	DLL1	Delta-like 1 (<i>Drosophila</i>)	AF003522	CATCTCAGTCAGCATCATCG	CCTCCTCTCAGCAGCATTC	460
		β-Amyloid (Loading control)	NM_001642	GGCTGTGTGTAAGCGATGA	CATGCTGGTAATGACGGATG	470

