Table 2. Quantitative evaluation of 22 genes containing multiple TSSs (multiple variable first exons) by real-time PCR.

Gene symbol	cDNA name	Change in expression level compared to the 0-day sample					Expression pattern	Gene description	References
		1-day	2- days	7- days	14- days	35- days			
AGPS	FLJ51873	±	±	Up	±	Up	Differ	alkylglycerone phosphate synthase	[128]
	NM_003659.1	±	±	±	±	±			
AKT1	FLJ53606	±	±	Up	Up (169)	Up (416)	Differ	v-akt murine thymoma viral oncogene homolog 1	[10, 119, 120]
	NM_005163.2	±	±	±	±	±			
ARHGEF3	FLJ55856	±	±	±	Dn	±	Differ	Rho guanine nucleotide exchange factor (GEF) 3	[133, 134]
	FLJ55591	±	±	±	±	±			
	NM_019555.1	±	±	±	±	Up			
CRISPLD1	FLJ57290	±	±	±	±	Up	Differ	cysteine-rich secretory protein LCCL domain containing 1	[132]
	NM_031461.3	±	±	±	±	±			
DYSF	FLJ55344	±	±	±	±	±	Differ	dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive)	[123, 124]
	NM_003494.2	±	±	±	Dn	Dn (295)			
FAM65B	FLJ56137	±	±	Up	±	±	Differ	family with sequence similarity 65, member B	[10, 131]
	AB002384.1	±	±	±	±	Up			
	NM_015864.2	±	±	±	Dn	±			
FGD4	FLJ56188	±	±	Up	±	Up	Differ	FYVE, RhoGEF and PH domain containing 4	[10, 135, 136]
	FLJ55905	±	±	±	Dn	±			
	NM_139241.1	±	±	±	±	±			
HDAC9	FLJ55607	±	±	±	±	±	Differ	histone deacetylase 9	[137]
	FLJ54577	±	±	±	±	±			
	NM_178423.1	±	±	±	Dn	±			
MAGI2	FLJ99053	±	±	±	±	Up	Differ	membrane associated guanylate kinase, WW and PDZ domain containing 2	[130]
	FLJ50810	±	±	±	±	±			
	NM_012301.3	±	±	Up	±	Up			
MAP7	FLJ56145	±	±	Up (1,352)	Up (256)	Up (223)	Differ	microtubule-associated protein 7	[127]
	FLJ50558	±	±	Up	±	Up			
	FLJ50557	±	±	±	±	Up			
	FLJ78961	±	±	Up	±	Up			
	NM_003980.3	±	±	±	±	±			
MCF2	FLJ51685	±	±	±	±	±	Differ	MCF.2 cell line derived transforming sequence	[138]
	NM_005369.2	±	Dn	±	±	±			
NCAM2	FLJ54289	±	±	±	±	Up	Differ	neural cell adhesion molecule 2	[139]
	FLJ53114	±	±	±	±	Up			
	NM_004540.2	±	±	±	±	±			
NEDD4L	FLJ53199	±	±	Up	±	Dn	Differ	neural precursor cell expressed, developmentally down-regulated 4-like	[140]
	FLJ61249	±	±	±	±	±			
	NM_015277.2	±	±	±	±	±			
OXR1	FLJ42450	±	±	Up	±	±	Differ	oxidation resistance 1	[10, 141]
	NM_181354.3	±	±	±	±	±			
	FLJ55036	±	±	±	±	±			
PEX5L	FLJ50526	±	±	±	±	±	Differ	peroxisomal biogenesis factor 5-like	[142]
	FLJ53911	±	Dn	±	Dn	±			
	FLJ50489	±	Dn	±	Dn	±			
	NM_016559.1	±	Dn	Dn	Dn	±			
PPP2R2C	FLJ58008	±	±	±	Dn	±	Differ	protein phosphatase 2, regulatory subunit B, gamma	[143]
	NM_020416.2	±	±	±	±	±			
RAPGEF4	FLJ50956	±	±	±	±	±	Differ	Rap guanine nucleotide exchange factor (GEF) 4	[121, 122]
	FLJ58368	±	Up	Up (892)	Up (148)	Up (1,024)			
	FLJ51189	Up	Up	Up (338)	Up	Up			
	NM_007023.1	±	±	±	±	±			
SEMA5B	FLJ55460	±	±	±	±	±	Differ	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5B	[10, 144]
	FLJ34162	±	±	±	Up	Up			
	AB040878.1	±	±	±	±	±			
	NM_018987.1	±	±	±	±	±			
SH3KBP1	FLJ54612	±	±	±	Dn	Dn	Differ	SH3-domain kinase binding protein 1	[145-147]
	FLJ54623	±	±	±	±	Up			
	NM_031892.1	±	±	±	±	±			
SPRED2	FLJ52731	±	±	±	±	Up	Differ	sprouty-related, EVH1 domain containing 2	[10, 125, 126]
	NM_181784.1	±	±	±	±	±			
TFEC	FLJ55256	±	Up	Up (1,783)	Up (676)	Up	Differ	transcription factor EC	[148]
	NM_012252.2	±	±	±	Up	Dn			
TMC5	FLJ54454	±	±	±	±	±	Differ	transmembrane channel-like 5	[149, 150]
	FLJ54906	±	±	Dn	Dn (104)	Dn (158)			
	NM_024780.3	±	±	±	±	±			

Symbols used to indicate differences of mean averages of log2 ratios between the control (0-day) and experimental samples (1-day, 2-days, 7-days, 14-days and 35-days).

: "±", 1/10 but <10-fold; "Dn", > 1/100 but ≤ 1/10; "Up", ≥ 10-fold but < 100-fold; "Dn( )", ≥ 1/100; and "Up( )", ≥ 100-fold.

Numbers presented within parentheses are fold-changes.