

**Table 1. Validation of microarray data by real-time quantitative RT-PCR.**

Name	Genbank	K25	K5	K5 + SP	Forward primer	Reverse primer
Early growth response protein 1 (Egr1)	U75397	-0,94	0,11	1,58	GTTGGAATGCTGTGGTTACC	GCCAAACAAGTCACTTTGTTTA
		1475 ± 85	3019 ± 108	3361 ± 102		
NIPA-like domain containing 2 (Nipal2)	NM_001130559	-1,26	-0,22	0,71	ACATGGAGAAGCAACCTCTG	CTCCGTAATTGTCAGCAGCT
		667 ± 16	2011 ± 91	4065 ± 133		
Family with sequence similarity 171, member A2 (Fam171a2)	XM_001081512	0,11	-0,63	-1,58	AGGACAACGTGTACCGCAAT	TGGGGATCAGGTTGAGGGAA
		2877 ± 128	1136 ± 92	871 ± 65		
DEAD (Asp-Glu-Ala-Asp) box helicase 56 (Ddx56)	NM_0010042112	0,35	-0,53	0,18	TCTTAGGCTGTCACCGACTT	ATTAGCCACTCTCACATCGC
		2493 ± 106	163 ± 12	2166 ± 77		
Zinc finger protein 423 (Zfp423)	XM_001081512	-1,23	-0,27	0,59	GAAGACAGGAACAGCGTGAC	GTCGTCATCACCATCTCCAG
		277 ± 31	856 ± 35	3184 ± 69		
Neuronal pentraxin I (Nptx1)	NM_153735	-1,50	-0,39	1,14	GGAGCTGAATGGTTACATGG	ATAAGTCCACTGCGCACAGA
		781 ± 32	2630 ± 85	4502 ± 181		

Microarray: mean normalized value (Log scale)

Quantitative RT-PCR: mean ± SEM of copies/100 pg RT-RNA