

Primers Employed for qRT-PCR

Gene name	Forward primer	Reverse primer	Product size (bp)
Human:			
<i>CHRNA7</i>	GACGTGGATGAGAAGAACCAA	TGGGAAACGAACAGTCTTCAC	120
<i>GABRB3</i>	ACTCCGGTAACAGCCTTGT	CAGAACTGCACTCTGGAAAT	92
<i>GAPDH</i>	TGAACCATGAGAAGTATGACAAC	GTCCTTCCACGATACCAAAG	116
<i>SNRPN</i>	GGAATCCCATCAAGTCTCCA	AAAAGGGGCAGCAAAAATCT	139
<i>UBE3A</i>	CCATGGGAAAATGTACATCCA	TTTTTCAGCTGGTTGTGGAGG	186

Copy Number Primers:

Gene name	Forward primer	Reverse primer	Product size (bp)
<i>UBE3A</i>	TCACGAATGTGCTCAGAAACT	TGGCCCAGACACAGAAAG	118
<i>GABRB3</i>	GGGTGGTGCCTCTACCTACA	TGCCTCACCTCTCTGTTCT	91
CTRL (β2 microglobulin)*	AGACAAGTCTGAATGCTCCACTTTT	TGGGTTTCATCCATCCGACATT	82
<i>SNRPN</i>	CGGAAATCCCTTACTCCA	TTGATCCTCTGTGATTGTGA	117

* [18]