

Supplementary Table 1. Sequences and probes for qRT-PCR.

Variants	Primers	With primers	Probe	Orientations	Sequences
mExon I	mBDNF 1	9AS1	31	Sense	agtctccaggacagcaaagc
mExon IIA	mBDNF 2A	9AS2	31	Sense	ggattgtccgaggtgtagt
mExon IIB	mBDNF 2B	9AS2	31	Sense	gcggttagctggaataga
mExon IIC	mBDNF 2C	9AS6	31	Sense	gtggtgaagccgcaaaga
mExon III	mBDNF 3	9AS2	31	Sense	gagactcgctccactcc
mExon IV	mBDNF 4	9AS2	31	Sense	gctgccttgatgttacttga
mExon IV-GFP	mExon 4-GFP S	GFP AS	17	Sense	ccctccccctttaactgaa
mExon V	mBDNF 5	9AS2	31	Sense	tcgcttttctagctttgtgg
mExon VI	mBDNF 6	9AS2	31	Sense	agcgtgacaacaatgtgact
mExon VIIA	mBDNF 7A	9AS2	31	Sense	ctcctgaggaagtgaagtgttg
mExon VIIB	mBDNF 7B	9AS4	88	Sense	ctgtatccgacctctgtcc
mExon VIII	mBDNF 8	9AS2	31	Sense	tgtcgctgcgcctcagtgagccga
mExon IXA	mBDNF 9A	9AS2	31	Sense	ttacaagcagatgggccacat
mExon IX	mBDNF 9 coding	9CAS	86	Sense	gtcacagcggcagataa
CyclophilinD	CyclophilinD-S	CyclophilinD-AS	21	Sense	atggtgaaaaacctgcaaaa
mExon IX	mBDNF 9-AS1	1		Antisense	tgcaaccgaagtatgaaataacc
mExon IX	mBDNF 9-AS2	2A, 2B, 2C, 3, 4, 5, 7A		Antisense	aaggtaggtcatcactcttctca
mExon IX	mBDNF 9-AS4	7B		Antisense	cacacaccacagccttctc
mExon IX	mBDNF 9-AS6	2C		Antisense	aaccatagtaaggaaaaggatggtc
mExon IX	mBDNF 9 coding-AS	9C		Antisense	gacctttcaaggactgtgacc
mExon IV-GFP	GFP-AS	4-GFP-S		Antisense	tccagctcgaccaggatg
CyclophilinD	CyclophilinD-AS	CyclophilinD-S		Antisense	catcctcaggaagtctgga