

Supplementary Information

Mesenchymal stem cells therapy for spinal cord contusion: comparative study on small and large animal models

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Supplemental Table. Primers and probes for RT-PCR

Primer	Nucleotide sequence
18S-TM-Forward	gCCgCTAgAggTgAAATTCTTg
18S-TM-Reverse	CATTCTTggCAAATgCTTTCg
18S-TM-Probe	[HEX]ACCgCgCAAgACggACCAg [BH2]
V164-TM-Forward	TATATCTTCAAgCCgTCCTgTg
V164-TM-Reverse	TCTCCTATgTgCTggCTTTg
V164-TM-Probe	[FAM]TCCgCATgATCTgCATAgTgACgTTg [BH2]
Vim-TM-Forward	ACCCtgcAgTCATTCagACA
Vim-TM-Reverse	TCCTggATCTCTTCATCgTg
Vim-TM-Probe	[HEX] CTggCACgTCTTgACCTTgAACg [BH2]
S100b-TM-Forward	GAgAgAgggTgACAAGCACA
S100b-TM-Reverse	CACCACTTCCTgCTCTTTgA
S100b-TM-Probe	[FAM] CgAgCTCTCTCACTTCCTggAggAA [BH1]
GFAP-TM-Forward	TTTCTCCAACCTCCAATCC
GFAP-TM-Reverse	CTCCTTAATgACCTCgCCAT
GFAP-TM-Probe	[FAM] CCgCATCTCCACCgTCTTTACCA [BH1]
PDGFRa-TM-Forward	GgTTAgAggAgCACCTggAg
PDGFRa-TM-Reverse	TCTCACCTCACATCCgTCTC
PDGFRa -TM-Probe	[FAM] ATgCgCgACCTCCAACCTgA [BH1]
PDGFb-TM-Forward	CTgCAATAACCgCAATTgTg
PDGFb-TM-Reverse	TCgATCTTTCTCACCTgCAC
PDGFb-TM-Probe	[FAM] CCgCATCTgCACCTgCgAg [BH1]
FGF2-TM-Forward	GCTgCTggCTTCTAAgTgTg
FGF2-TM-Reverse	GTgCCACATAACCAACTggAg
FGF2-TM-Probe	[FAM] TCTTCTTTgAACgCCTggAgTCCA [BH1]
HSPA1b-TM-Forward	CCAGGCAGGACCCAATCACA
HSPA1b-TM-Reverse	CGCAAGGTAGCGGTCTCTGT
HSPA1b-TM-Probe	(6-FAM)-CCGCCAGCACTTTCAGGAGCTGACCC [BH1]
CNPase-TM-Forward	AGACATAGTGCCCGCAAAG
CNPase-TM-Reverse	GCTTGTCTTAGCTCCTGAG
CNPase-TM-Probe	(6-FAM)-AGCCACACATTCCTGCCCAAGAT [BH1]
NGF-TM-Forward	CCAAGGACGCAGCTTTCTAT
NGF-TM-Reverse	CTCCGGTGAGTCCTGTTGAA

Iba1-TM-Forward	ACCAgCgTCTgAggAgCTAT
Iba1-TM-Reverse	AggAAgTgCTTgTTgATCCC
Iba1-TM-Probe	[HEX] CCCTgCAAATCCTTgCTCTggC [BH2]
mpz-TM-Forward	TCgCAAATgAgCgAg
mpz-TM-Reverse	ggCCCATCATgTTCTTgA
mpz-TM-Probe	[FAM]CCAgtAGAACCAgCCTCAAgAAC [BH1]
Olig2-TM-Forward	AGTGCGCGATGCTAAGCTCT
Olig2-TM-Reverse	TGGGCCACGACACAGAAAGA
Olig2-TM-Probe	(6-FAM)-CGCGCCTCGTCGTCTAAGCCCGC [BH1]
Caspase3-TM-Forward	AATCAAGGGACGGGTCATG
Caspase3-TM-Reverse	GCTTGTGCGGTACAGTTTC
Caspase3-TM-Probe	[HEX] CggCCTCCACTggTATTTTATgACACg [BH2]
MBP-TM-Forward	ACACGGGCATCCTTGACTCCATCGG
MBP-TM-Reverse	TCCGGAACCAGGTGGTTTTTCAGCG
GAP-43-TM-Forward	GCAGAAAAGAGGTGGAGAGG
GAP-43-TM-Reverse	TTGTTCAATCTTTTGGTCCTCATC
GAP-43-TM-Probe	[FAM] AGAGAAGGCAGGAAGAAGGCAGG [BH1]