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Acute Vibration Induces Transient Expression of Anabolic Genes in the Murine Intervertebral Disc

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Supplementary Table 1

NCBI Gene Symbol	Primer Sequence 5' → 3'
HPRT Fwd*	CAGGCCAGACTTTGTTGGAT
HPRT Rev*	TTGCGCTCATCTTAGGCTTT
Adamts4 Fwd*	GAGGAGGAGATCGTGTTTCCAG
Adamts4 Rev*	CAAACCCTCTACCTGCACCC
Adamts5 Fwd*	GGAGCGAGGCCATTTACAAC
Adamts5 Rev*	GCGTAGACAAGGTAGCCCCTTT
Acan Fwd*	CTGGGATCTACCGCTGTGAAG
Acan Rev*	GTGTGGAAATAGCTCTGTAGTGGAA
Bcn Fwd [†]	ACGAATCCATGACAACCGTATC
Bcn Rev [†]	GCTCCTGGTTCAAAGCCACT
Colla1 Fwd*	CTGGCGGTTTCAGGTCCAAT
Colla1 Rev*	TCCAGGCAATCCAGGAGC
Col2a1 Fwd*	GCACATCTGGTTTGGAGAGACC
Col2a1 Rev*	TAGCGGTGTTGGGAGCCA
Ctgf Fwd*	GGGCTCTTCTGCGATTTC
Ctgf Rev*	ATCCAGGCAAGTGCATTGGTA
Dcn Fwd [†]	TCTTGGGCTGGACCATTGAA
Dcn Rev [†]	CATCGGTAGGGGCACATAGA
Hif1 α Fwd*	ACCTTCATCGGAAACTCCAAAG
Hif1 α Rev*	CTGTTAGGCTGGGAAAAGTTA
Mmp3 Fwd*	TTGTCCCGTTTCCATCTCTCTC
Mmp3 Rev*	TTGGTGATGTCTCAGGTTCCAG
Mmp7 Fwd*	GCCAGGGAACACTCTAGGTCAT
Mmp7 Rev*	CTGCGTCCTCACCATCAGTC
Mmp8 Fwd*	GATCTTCCTCCACACACAGCTTG
Mmp8 Rev*	CTGCAACCATCGTGGCATT
Mmp12 Fwd*	GCTTACCCCAAGCTGATTTCC
Mmp12 Rev*	ATGTTTTGGTGACACGACGGA
Mmp13 Fwd*	CTTCTTCTTGTTGAGCTGGAACTC
Mmp13 Rev*	CTCTGTGGACCTCACTGTAGACT
Timp1 Fwd*	CTTGGTTCCTGGCGTACTC
Timp1 Rev*	ACCTGATCCGTCCACAAACAG
Sox6 Fwd*	GGTCATGTTTCCCACCCACA
Sox6 Rev*	TTCAGAGGGGTCCAAATTCT
Sox9 Fwd*	AGTACCCGCATCTGCACAAC
Sox9 Rev*	TACTTGTAATCGGGGTGGTCTT
Vcan Fwd [†]	TTTTACCCGAGTTACCAGACTC
Vcan Rev [†]	GGAGTAGTTGTTACATCCGTTG

Annealing Temperatures: *60°C degree; + = 58°C degrees; † = 56°C degrees