

# Supplementary Table 1

Gene name	5' - 3' Forward and Reverse	Gene name	5' - 3' Forward and Reverse
GLI2	CGGATCAGTCTGTCCTTCGG GAAATGACGCTCGAACAGGC	IL12A	TACCCTTGCACTTCTGAAGAGAT GCCAGGCAACTCCCATTAGTTA
NEXN	CAGAAGTGTTAGCGGCCAGA TCTTTAATCTCAGCCTTTGGGA	TNFRSF12A	GCTGGCTCACACAAAACAGC GCCTAGTGTCAAGTCTGCC
CDH2	ATCCCTGCTTTCATTCTGACAT AGCTTCTCACGGCATAACACC	TNFAIP3	CGCCAAGAGAGATCACACCC GCGATCCTTTCGCAAAGTCC
PFN2	CAGAGCTGGTAGAGCATTGGT AGATGGGGAGAGGGCTGCTTA	GLIPR1	GGCTTCTGCTTGTTTAGCTAC GCAAATCAGAAGAAGCGGCA
VIM	TCCGCACATTCTGAGCAAAGA ATTCAAGTCTCAGCGGGCTC	DKK1	GTGCAAATCTGTCTCGCCTG GCACAACACAATCTGAGGC
MDGA1	GCCAAAACCTCATGCCCA GCTGACGCTGAGCGCTAGAA	SAT1	CTCCGGAAGGACACAGCATT CACCTCATTGCAACCTGGCT
PTHLH	TGTGAACATTCTCCGCTCG CACTGCTGAACCAGTCTCCG	PTTG1	CCAACGGCAACTGTCTGATG CTAAACAGCGGAACAGTCACG
SPP1	GAATCTCTAGCCCCACAGACC CGTGGGAAAATCAGTGACCAGT	RGS4	CCTCGAGCTGCCGTTTAG GGATCATCGTCTCCACGCAG
IGFBP2	TGTGAGAAGCGCCGGGAC GCCTCCTTCTGAGTGGTCATC	JUN	GGAGACAAGTGGCAGAGTCC CCAAGTTCAACAACCGGTGC
ECM1	CATCCCCCTTCTATAGTGACG CAAATGGAGCTGGCGTTCC	IGFBP3	GCCAGCTCCAGGAAATGCTA GGGGTGGAACTGGGATCAG
ALOX15B	CTGCCACCCTCTTCAAGTC GAGAAGATCTCTGACCCAGG	COL6A3	TGTCAAAAATGGTGC GGCTG CCAGTCTGATTGTTCCCC
CDH11	TGCCAAGCTTAATGGAACC GTTGGACTCTCTGTAGCCACC	FSTL1	GGGTTCTCTGCCTGCTAAC TGGCCTTAATTGGGGGAAAGG
COL8A2	GCTACTGAAATGCCTTACCG CCTGGTCCCCTCGTATTCCT	SERPINE1	GAAGTCGACCTCAGGAAGCC ACTGTTCTGTGGGGTTGTG
MMP2	GACCGCTTGGCTTCAAATCA GCACAAACAGGTTGCAGCTC	MMP1	GAAAGAAGACAAAGGCAAGTTGA CTCTTGGCAAATCTGGCGTG
APLP1	CATCGCCCTTATCAACGACC CAGGCTCTGATTACCCCTCTC	TGFBI	GTGCGGCTAAAGTCTCTCCA CATGGACCACGCCATTTGTG
MMP3	TCCTACTGTTGCTGTGCGTG CATCACCTCCAGAGTGTGG	NRP2	GGATCATCTGCCAGCTAC GATGTCCACTGCAAAGCCG
NRXN3	CTTACCTGTGCCTCCCTG GATGAAAACACAGCAGCAGCA	BDNF	GGTGTGTAATCCGGGCGATA CGTGTTCGAAAGTGTGACCC
LGALS1	GACGCTAAGAGCTTCGTGCT CGTTGAAGCGAGGTTGAAG	SDC1	CGAAAGCGACGTTCCGGC CTCTCTACTGCCGATTCTCTC
TGM2	GATCCGGAAGCACAGGAGAC CCAGCTCCAGATCACACCTC	MSX1	TCCGCAAACACAAGACGAAC GACAGGTA CTGCTTCTGGCG
GEM	CGAGACGGAGAAGGGAGAGA GGGGCTCTTCTGGACCATC	MSX2	GTGAAGCCCTTCGAGACCG CATATGTCTCTACTCTCTGCC
GADD45A	AGAAGACCGAAAGCGACCC GTTGATGTGTTCTCGCAGC	CRLF1	CTCTCCCGTGTACTCAACGC CAGGCCAACATAGAGGCAGG
FBLN2	GCCCCGCGGGTCTTAC CTCAATGCAGTTCTCCAGCG	CD24	GAGGCGCTCACAGAACAAAGC GCCTAGCGCGAACCCCTTC
NT5E	AGCTAGCGCAACCACAAAC GCGCGAGGAAGGAATTGGAG	THY1	GGACACAGACCAGAGGAAATGA CGGCTGCAGCTACAATCAATG
PLAUR	AGGGAAGTTTGTGGCGGAGG GCAATCCCCGTTGGTCTTACA	EFEMP2	GCCTCCAACCTCTATGTCTG TGGATCTGGAACACGTCAGC
TGFB2	TGTTACAACACCCTCTGGCTC GGGTCTGTAGAAAGTGGGCG	SPHK1	CGAAAAGTTT GAGGCCGAG CGTTCCTACAGTGGCCTG
FAS	GTGAACACTGTGACCCTTGC GCCACCCCAAGTTAGATCTGG	STIL	ACCCTGCAAACAGACCTCAG CTGGTATTCATCTGGGGCCG
IL32	CTCTCTCGGCTGAGTATTTGTG GGCTCGACATCACCTGTCC	GAPDH	GGAAGGAAATGAATGGGCAGC TAGGAAAAGCATCACCCGGAG