

Supplementary Table 1

Rabbit	Dimension 1 (mm)	Dimension 2 (mm)	Thickness	Impression	Volume (mm³)
A	6.4	8.0	0.2	+	42.89
B	9.6	9.1	1.0	+	219.56
C	6.0	5.5	1.0	+/-	138.23
D	12.0	13.1	0.5	++	658.48
E	5.6	5.6	0.8	+/-	65.68
F	13.3	12.9	0.6	++	574.94
G	8.9	8.2	1.0	+/-	183.42
H	10.3	10.4	0.1	++	448.70
I	3.4	2.7	0.1	+/-	3.85
J	5.8	5.4	0.1	+/-	13.12
K	7.9	6.8	0.3	+/-	67.51
L	12.3	14.4	2.1	++	1558.03

A

GENE	GENE ID	GENE ID	Forward Primer	Reverse Primer
ACTB	100009272	NM_001101683.1	CGCTTCCGTTGCCCCGAG	GCCGCCCCGACAGCACCGT
MMP1	100009110	NM_001171139.1	ACCTTCCCAAATCCCAGTCAG	GATTTGCCCGCATGTAGAACC
MMP2	100009000	NM_001082209.1	CCGCAGTGATGGCAAGATGTG	GGGCTGCCACGAGGAACA
MMP3	100009111	NM_001082280.1	TGGCCATCTCTTCCTTCAGCA	TGCTTCTGGGTAACCAGCTTG
MMP7	100357971	XM_002708573.1	CCACAGTGGGAACAGGCTCA	CCAGTTATAGGCAGGCCAAAGA
MMP8	100339790	XM_002708421.1	ATTTTATTTCCCTGTTCTGGCC	TTCATAGCCATTCAGAGC
MMP9	100008993	NM_001082203.1	TCGCCGAGATAGGGAACAAGC	GTCGGCGATGAGGAAGGG
MMP10	100101603	XM_002708561.1	GGAGGTGATACGCAAGCCCA	GCATCTCTTGGCAGATCTGGTG
MMP12	100009559	NM_001082771.1	CTCGATGTGGAGTGCCTGATGT	GCTCATGTCTGGAGTGT
MMP13	100008685	NM_001082037.1	ACTCATTGCTGGTCCCTGCC	TCCCGCAGGATTCAGAGGA
MMP14	100009598	NM_001082232.2	GATCGATGCCGCTCTTCTG	CGCTGTCCACTGCCCTGA
TIMP1	100009047	NM_001195682.1	GGCCTTCTGCAACTCCGA	TGCCCCAAGGCGTCAAAT
TIMP2	100009047	XM_002723776.1	AGGTGGACTCTGGGAACGACA	CGGGGCCTTTGAACATCT
TIMP3	100008689	NM_001195682.1	ACGCCTTCTGCAACTCCGACAT	ACGTGGGGCATCTTGGTGA
TIMP4	100008691	NM_001195690.1	ACACTCAGAGAATGATCCGG	CACCACAGAGAGAAGAGTCA

B

GENE	Product Sequence
ACTB	CGCTTCCGTTGCCCCGAGGCGCTCTTCCAGCCCTCCTTCTGGGCATGGAGTCGTGTGGCATCCACGAGACCACCTTCAA CTCGATCATGAAGTGCAGCTGGACATCCGCAAGGACCTGTACGCCAACACGGTGCTGTCCGGGCGGC
MMP1	ACCTTCCCAAATCCCAGTCAGCCAGTAGGCCACAGACCCCAAAGTGTGTGATAGTAACTGACCTTTGATGCTATAA CCACAATTCGGGGAGAAATAATGTTCTTTAAAGACAGTTTCTACATGCGGGCAAATC
MMP2	CCGCAGTGATGGCAAGATGTGGTGCAGCTCAACCACTACGACGATGACCGCAAGTGGGGCTTCTGCCCTGACCAA GTTACAGCCTGTTCCCTCGTGGCAGCCC
MMP3	TGGCCATCTCTTCCTTCAGCAGTGGATGCTGCATATGAAGTTATTAGCAGGGATACTGTTTTCATTTTTAAAGGAACTCAGT TCTGGGCCATTAGAGGAAATGAGGTACAAGCTGGTTACCCAAGAAGCA
MMP7	CCACAGTGGGAACAGGCTCAGGACTATCTCAAGAGATTTTATTTTCATGGCTTGAAATCAAAGGAAGTCGATAGCTTAGA AACCAGACTGAAGGAGATGCAGAAGTTCTTTGGCCTGCCTATAACTGG
MMP8	N/D
MMP9	TCGCCGAGATAGGGAACAAGCTGCATGTCTTCAAGGATGGGAGGTACTGGCGTTTCTCCGAGGGCAGTGGCGCCGGCC GCAGGGCCCCTTCCCTCATCGCCGAC
MMP10	GGAGGTGATACGCAAGCCAGGTGTGGCGTTCCCGATGTTGGTCACTTCACTTCCCTGGCACCCCAAAGTGGACA AACTAACTTACAGGATTGTGAATTACACACCAGATCTGCCAAGAGATGCT
MMP12	CTCGATGTGGAGTGCCTGATGTTTATCATTTCAAACCATGCCAGGGAGACCAGTATGGAGGAAACATTACATCACCTACA GAATCAAAAATTACACTCCAGACATGAAGC
MMP13	ACTCATTGCTGGTCCCTGCCCTCCTCAACAGTAACGAGGATGATGATTTGTCCGAGGAAGACTTCCAGTTTGCAGAGAG CTACCTGAGATCATACTACCATCCTCTGAATCCTGCGGGA
MMP14	GATCGATGCCGCTCTTCTGGATGCCAATGGAAAGACCTACTTCTTCCGGGGAAACAAGTACTACCGATTCAACGAGG AGCTCAGGGCAGTGGACAGCG
TIMP1	GGCCTTCTGCAACTCCGACCTTGTGCATCAGGGCCAAGTTTGTGGGGGCTCCAGAAGTCAATCATACTACCTTGTACCAGC GTTATGAAATCAAGACAACCAAGATGTTCAAAGGATTTGACGCCTTGGGGCA
TIMP2	AGGTGGACTCTGGGAACGACATCTACGGCAACCCCATCAAGAGGATCCAGTATGAGATCAAGCAGATCAAGATGTTCAA AGCCCCG
TIMP3	ACGCCTTCTGCAACTCCGACATCGTGATCCGGGCCAAGGTGGTGGGGAAGAAGCTGGTGAAGGAAGGGCCCTTCGGCA CGATGGTCTACACCGTCAAGCAGATGAAGATGTACCGAGGCTTACCAAGATGCCCCACGT
TIMP4	ACACTCAGAGAATGATCCGGTATGAAATCAAACAGATAAAGATGTTTAAAGGGTTTGAGAAAATCAAGGATGTTTCAGTAC ATCTATACACCTTTTACTCTTCTCTGTGGTG