

SUPPLEMENTARY DATA

Supplementary Table 1: Primers used for qPCR validation.

Transcript Name	Sequence description	Forward Primer 5'-3'	Reverse primer 5'-3'	Product length
rmi3_Contig2278	Glucose-6-phosphatase	GTGATGCCAAATCGTCCC	AATGTCACGCTGTTAACGAA	128
rmi3_rmi_T0010805	Antigen b membrane protein	ACATTCTGGATACCGCTGTCG	CTCGTTCAAGTCAGTCACCGTA	140
rmi3_rmi_T0001067	Apical endosomal glycoprotein	GCCCATCTCCTCAAGAAATAG	TCGCTGAACTCAATGTCGTC	105
rmi3_rmi_T0016482	Antigen b membrane protein	GACGACAACAGCATCCACG	CATCTTATCACCCGGCAGAA	102
rmi3_rmi_T0006839	Pr domain zinc finger protein 1	TCAAGCCATCGCAGACGCTCA	CCGTCGTACACTCGCCAGA	157
rmi3_rmi_T0008814	Tick serine proteinase	GCCAGAATACTCCCTCAACGAC	TCACCATCTTCGTCTCGGTCA	90
rmi3_rmi_T0008853	Lipase	GCCCCGGACTGTTCCCATTCTCG	CGAAGCATTGTAGTCGGCGCAC	98
rmi3_TC15479	Antigen B membrane protein	TCTCGCCTCTTCGTATCCCAA	ATCTTATCACCCGGCAGAAC	142
rmi3_rmi_T0012989	Antigen B membrane protein	CCTATGCCTTTGTCAACCAC	CGCAATAAATAGAAACAACGAA GC	155
rmi3_Contig1483	Basement membrane-specific heparan sulfate proteoglycan core	CAGCCAAGTGAAAACATCGG	TTGATGATGCTCGATACCTGA	128
rmi3_TC23621	Serine proteinase inhibitor	TGTCAGAGCAACGGCAACAAAC	TCACCGAGACTTCAAGAGC	86
rmi3_TC20078	Serine proteinase inhibitor	TTTTACAACACCGAGACGAAAG	GCCGAAAACCTTCAGACAC	117
rmi3_TC15880	Cathepsin D	CCCATCCCGATAATACTCACC	CAATTAATCGACGGCACCCA	134

rmi3_TC21965	Secreted salivary gland protein	TTTGAGCAATGTACGCCAC	CTTTGACACACCATGAGCC	85
rmi3_TC20344	Insulin-like growth factor binding protein	CTGCCCATTGAATTCCC	TTTCTCGACAGGTAAATGGC	130
rmi3_TC22409	Ixoderin	TGCGAATCGTATTGAGCAAC	TCCCGTAAAATCTCCTATCCG	113
rmi3_TC21557	Calcium-dependent cysteine protease	GTACGACAAAGGCTCAACC	GATTGACCCTGTATCCTGC	80
rmi3_TC20630	Insulin-like growth factor binding protein	ATGTCCCAACGAAGAGTGCA A	TGCCTCCGTTCTCAAAGCG	101
rmi3_TC21529	GP80 (vitellogenin)	TCACCAACTCGCTCAAGA	GACACAAGCCAGTTCTCG	157
rmi3_CV445464	Aspartic protease	GGACGCTCAATATTACGGCA AC	CACACTCTCTGGCGGACA	121
Reference Gene		Forward Primer 5'-3'	Reverse primer 5'-3'	Product length
ELF1 α	Elongation factor 1-alpha	CGTCTACAAGATTGGTGGCA TT	CTCAGTGGTCAGGTTGGCAG	108
RPL4	Ribosomal protein L4	AGGTTCCCCTGGTGGTGAG	GTTCTCATCTTTCCCTTGCC	152