

Table 1: Primer used in this study

Primers used for mutagenesis	
<i>mig1</i> Δ:: <i>NEO</i> deletion construct	
MIG1-9PO	GGACAGCTCGCAAGTTCTTA
MIG1-Neo-2	CTGCAGATATCCATCACACTGGCGGCGATGGGATTTTGAGGG GAGGAGGATG
MIG1-Neo-3	CATCCTCCTCCCCTCAAATCCCATCGCCGCCAGTGTGATGG ATATCTGCAG
MIG1-Neo-4	CTACGGATGTCCATCCAGCTCCATGCCGCCAGTGTGCTGGAA TTCGCCCTTGG
MIG1-Neo-5	ACCAAGGGCGAATTCCAGCACACTGGCGGCATGGAGCTGGA TGGACATCCGTAG
MIG1-6 R	ATCGGTCTTACCCCTTCTGCAACAGCA
<i>MIG1</i> :: <i>NEO</i> complementation construct	
MIG1-CP1	GAGAGGACAGCTCGCAAGTTCTTAAG
MIG1-CP2	GCAGATATCCATCACACTGGCGGCGTCCTTCTCATCAAATAC GACTCCTCTC
MIG1-CP3	GAGAGGAGTCGTATTTGATGAGAAGGACGCCGCCAGTGTGAT

	GGATATCTGC
MIG1-CP4	TGACAAGAGTAACGACGAGACATCTCTAAGTGTGCTGGAATT CGCCCTTGGT
MIG1-CP5	ACCAAGGGCGAATTCCAGCACACTTAGAGATGTCTCGTCGTT ACTCTTGTC A
MIG1-CP6	CTAGGTTGTCTCAGTAGTCGTTGTTAATG
Primers used for qRT-PCR	
QRT-MIG F	GTCCTCTATGTGATCGGGCGTTCTACAGGC
QRT-MIG R	TGGCATGTCTTGTC AATTCGTCGGAACGTG
HAPX-F1	TCGCACCTCTTCAGATGCTTT
HAPX-R1	CGAGAACCGCCACACA ACT
Q1721-1F	TGCTGCCCATCCCGAAT
Q1721-2R	CCTGGCCCCTGAAAGGA
CIG1-RT-F	GGTGGTCCGGTTTCCTTCA
CIG1-RT-R	GACTCGTGGTCGTGCATAACA
Q1137-F	CCGTATCCACGAGACCAACT
Q1137-R	ATCATGTTGAGGGCAGAACC
Q7908-F	AAGGCTAGGGAAGAGCCTTG

Q7908-R	GCTTCTTGAGGTTGGTCTCG
Q3427-F	ACATCTGTTACACCGACCA
Q3427-R	CAGGCTTCCAGAAAGCAATC
HEM4-F1	CGGGCCATACCTGTTCTTGT
HEM4-R1	GCGCGGTAGGCATCTCAT
Q2565-F	CGGTTCTTTCGGTGACATTT
Q2565-R	GTCTTCTCCCCTTCCTCACC
LEU1-F	CGGTATGCTTCCTCTTCAGC
LEU1-R	TCGGTGGACAAGGGTAAGAC
MIRB-F1	GCTCAGCGAGGTGTGCAA
MIRB-R1	CGACATTCTCGACCAAGTCAA
18S-RT-F	AACAGGTCTGTGATGCCCTTAGA
18S-RT-R	ACTCGCTGGCTCAGTCAGTGT