

Table S5 Primers used for qRT-PCR and plasmid construction.

Primer name	Sequence (5' -3')	Description
MoAct-fwd	TCGACGTCGAAAGGATCTGT	Real-Time qRT-PCR for <i>MoAct</i>
MoAct-rev	GAGCAATGATCTTGACCTTCATCG	
HvUbi-fwd	GCAAGTAAGTCCTGGTCATGA	Real-Time qRT-PCR for <i>HvUbi</i>
HvUbi-rev	ACAACCAGACATGCTCCAACCT	
MoSVPko5fwd	TATAGGGCGAATTGGATTTCGGGTTCAAAAACTGG	Construction of the plasmid pGDMoSVP
MoSVPko5rev	TCGAGGGGGGGCCCGGTGAAAAAGGGATTAAAGTT	
MoSVPko3fwd	GAATTCCTGCAGCCCTTTGGTCAAAAGGATCCAAAA	
MoSVPko3rev	GCTGGAGCTCCACCGTTCGCCAGCTGCCGTCAGTTC	
pCB1636iv1fwd	CGGTGGAGCTCCAGCTTTTGTTCCTC	
pCB1636iv1rev	GGGCTGCAGGAATTCGATATCAAGC	
MGG_12247ko5fwd	AATTGGGTACCGGGCTGAATGAGCAAAGACCGCTTTC	Construction of the plasmid for gene disruption of MGG_12247
MGG_12247ko5rev	AACGTCGACCTCGAGATGATCACAAGACTGATGGGTC	
MGG_12247ko3fwd	GAATTCCTGCAGCCCGTGAGGAAGGAGGTGGCAAGTG	
MGG_12247ko3rev	GCTGGAGCTCCACCGGCTTGGCCATCAAGGGATGCTG	
MGG_02253ko5fwd	TATAGGGCGAATTGGGATACCACCAGGAGCAAC	Construction of the plasmid for gene disruption of MGG_02253
MGG_02253ko5rev	TCGAGGGGGGGCCCGGTGAAAAGAAAGTGTGAAGG	
MGG_02253ko3fwd	GAATTCCTGCAGCCCTGAGTGTCTGCGCACTGTCGTC	
MGG_02253ko3rev	GCTGGAGCTCCACCGCGGGTCTGTTTAGGGGTTTTC	
MGG_05083ko5fwd	AATTGGGTACCGGGCTCTGCACGTGGCGACCAACGTTG	Construction of the plasmid for gene disruption of MGG_05083
MGG_05083ko5rev	AACGTCGACCTCGAGGTTTGTCTCTCAAAGCAAGCG	
MGG_05083ko3fwd	GAATTCCTGCAGCCCTTTTCTGGGGCTCGAAAATG	
MGG_05083ko3rev	GCTGGAGCTCCACCGGCTTCTCCGTTGCCGCTGTG	
MGG_09351ko5fwd	TATAGGGCGAATTGGGCGTCCAGCTGAACCGCG	Construction of the plasmid for gene disruption of MGG_09351
MGG_09351ko5rev	TCGAGGGGGGGCCCGCTTGAGGCAAGTTGTTCGAG	
MGG_09351ko3fwd	GAATTCCTGCAGCCCTGAAAAGATGGGGTCATGTTATG	
MGG_09351ko3rev	GCTGGAGCTCCACCGTCCGCTGGAACATAACTAAATC	
MGG_01255ko5fwd	AATTGGGTACCGGGCGGGCCTTTGTAGAGAATGTAC	Construction of the plasmid for gene disruption of MGG_01255
MGG_01255ko5rev	AACGTCGACCTCGAGCTTTGTCTCTGTCGAGACTGTG	
MGG_01255ko3fwd	GAATTCCTGCAGCCCTGTTGGGCGAGTTGGGACTAC	
MGG_01255ko3rev	GCTGGAGCTCCACCGTCCGAATAGGGCGAATACTG	
MGG_16125ko5fwd	TATAGGGCGAATTGGGCGCCCGCCGACCCGCAC	Construction of the plasmid for gene disruption of MGG_16125
MGG_16125ko5rev	TCGACCTCGAGGGGGCTTGATAGCTTTTGAGAAGAT	
MGG_16125ko3fwd	GAATTCCTGCAGCCCTTCTCTTTTTTGAATTGGAG	
MGG_16125ko3rev	GCTGGAGCTCCACCGGCGGCGAAGCAGCTGCGCTTG	
MoSVP_UL	AACGTCGACCTCGAGGCGTAGATTCCTCTGGATGTC	Construction of the plasmid pCB1531-MoSV
MoSVP_U	AACGTCGACCTCGAGGCGTAGATTCCTCTGGATGTC	
pCB1636iv2fwd	CTCGAGGTCGACGTTAACTGATATTG	
pCB1636iv2rev	GCCCGTACCCAATTCCGCTATAG	
MoSVP-U1	ACCGCGTGGCGGCCCGCTGAGACTACGAGGAG	Construction of the plasmid pCB-MoSVPp-mCherry
MoSVP-L0	ATCCACTAGTCTAGAAAAAGGGATTTAAAGTTTAAAG	
Rp27-U1	ATAAGAATGCGGCCGCATAAATGTAGGTATTACCTGTAC	Construction of the plasmid pCB-Rp27p-mCherry
Rp27-L0	GCTCTAGATTGAAGATTGGGTTCTACGAAAG	