

gga-miR-146c Activates TLR6/MyD88/NF- κ B Pathway through Targeting MMP16 to Prevent *Mycoplasma Gallisepticum* (HS Strain) Infection in Chickens

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Table 1. Sequences of DNA primers.

Name	Primer sequence (5'-3')	Accession No.
Primers for 3'-UTR Cloning		
MMP16 3'-UTR-F	TGCCTCGAGACCTTCTGGTTTCCC	XM-015277626
MMP16 3'-UTR-R	TTGGCGGCCGCACTCCCCTCAAATTC	XM-015277626
Mut-MMP16 3'-UTR-F	TAGCTGCCCAAGATATGGCTATTTTTTTG	
	TTTCTATTCTTGTTTTTAAAAATAAAGC	
Mut-MMP16 3'-UTR-R	GAATAGAAACAAAAAATAGCCATATC	
	TTGGGCAGCTAATGCAGTCTCA	
Primers for RT-qPCR		
GAPDH-F	GAGGGTAGTGAAGGCTGCTG	NM-204305
GAPDH-R	CACAACACGGTTGCTGTATC	NM-204305
RT- gga-miR-146c	CTCAACTGGTGTCTGTTGGAGTCGGCAATT	MIMAT-0007735
	CAGTTGAGCAGTCCAT	
gga-miR-146c-F	CTGGTCGGTGAGAACTGAAT	MIMAT-0007735
gga-miR-146c-R	CAACTGGTGTCTGTTGGAGTCGGC	MIMAT-0007735
gga-5s-rRNA-F	CCATACCACCCTGGAAACGC	
gga-5s-rRNA-R	TACTAACCGAGCCCGACCCT	
MMP16 -F	TGGACCAACAGACCGAGAC	XM-015277626
MMP16 -R	CCAAGACAAGGAGGCACAA	XM-015277626
MyD88-F	TCAGTTTGTCCAGGAGATG	NM-001030962
MyD88-R	GGTGTAAATGAACCGCAAGATA	NM-001030962
NF- κ B -F	GCCAGGTTGCCATCGTGT	NM-205129
NF- κ B -R	CGTGCGTTTGCCTTCTC	NM-205129
TNF- α -F	GGACAGCCTATGCCAACAAG	XM-015294124
TNF- α -R	ACACGACAGCCAAGTCAACG	XM-015294124

Table 2. Sequences of RNA oligonucleotides.

Name	Sequences (5'-3')
gga-miR-146c mimics	UGAGAACUGAAUCCAUGGACUG GUCCAUGGAAUUCAGUUCUCAUU
gga-miR-146c NC sense	UUCUCCGAACGUGUCACGUTT
gga-miR-146c NC antisense	ACGUGACACGUUCGGAGAATT
gga-miR-146c inhibitor	CAGUCCAUGGAAUUCAGUUCUCA
gga-miR-146c inhibitor NC	CAGUACUUUUGUGUAGUACAA