

## Campbell and others, BMC Microbiology

Additional File 4 Primers

	target	Forward Primer	Reverse primer
qRT-PCR	<i>ACT1</i>	nt301- GAGCACCCAGTTCTGCTGAC	nt446- GTACGACCGGAGGCGTACAG
	<i>TSN</i>	nt2631- CACGACCCGCCTAGCCATGCTT	nt2682-GTACGGTTTGTCCGAAATGAAG
	<i>Dcr2(3)</i>	nt4546- GAATTCCTCGGCGATGCGGTATTA	nt4724- GATGCCGACTCTGCCAGGATGT
	<i>Ago2</i>	nt2558- GACACCATGCCCGTTTCTTC	nt2680- CCAGGAAGAATTGATACTGGTT
	<i>Ago2(4)</i>	nt2045- GGCTGCTCACCCAATGTATCAAGA	nt2149- AACCGTTCGTTTTGGCGTTGAT
	TR339	nt4495- TAGACAGAACTGACGCGGACGT	nt4635-TCCATACTAACTCATCGTTCGATCTC
	MRE-16	nt4494- TGGACAGAACTGACGCAGAC	nt4699- CGAGTAGAGTTTGCCCTTCG
dsRNA	<i>Ago2</i> *	nt2383- CAGTTCAAGCAGACGAACCA	nt2881- TGATGTAGACGCGTCCTCTG
	<i>Dcr2</i> *	nt4006-CCACCTCTAGCAACGGTTCCGAAGA	nt4504- CGCATGGGTGAGTGCTTGTAGGAG
	<i>TSN</i> *	nt2713-CTGCCAACCGACGAAGAGGACA	nt3089- TGAAGGGCAGGTGTGAACATCG
	TR339-nsP3*	nt4549- AAAGAATCGACGCGGCAC	nt5032- AGGACTACTTTTCGTGCACTG
	$\beta$ -GAL*	GGTCGCCAGCGGCACCGCGCCTTC	GCCGGTAGCCAGCGCGGATCATCGG

Probe	MRE16-eGFP	* nt9976- TATGATCGTCTGAAGGAAACATCAG	nt12182- GCA AAC AGC CAG CTC CAT GAT G
		*nt4976- ACTTCCGAAGCACAAAATTAAGAAC	nt9083- GGGTGTTTCGCTGGTGTAGGAGA
		*nt1- GATTGGCGGCGTAGTACACACTAT	nt4899- ACATACACAAACAGGGAAGCGTCT
		nt9976- TATGATCGTCTGAAGGAAACATCAG	*nt12182- GCA AACAGCCAGCTCCATGATG
		nt1- GATTGGCGGCGTAGTACACACTAT	*nt5000- GTTCTTAATTTTGTGCTTCGGAAGT
		nt4976- ACTTCCGAAGCACAAAATTAAGAAC	*nt10000- CTGATGTTTCCTTCAGACGATCATA

**Additional File 4. Primers used for qRT-PCR and dsRNA injections.**

Primer nucleotide (nt) position numbers correspond to the published sequence: *Act1*, [Genbank: AAU20287]; *TSN*, [Genbank: AAEL000293]; *Dcr2*, [Genbank: AY713296]; *Ago2*, [Genbank: SUPP\_AEDES003395]; TR339, [Genbank: NC\_001547]; MRE16, [Genbank: AF492770]. *Ago2* primers were used to analyze transcript levels. *Ago2(4)* primers were used to analyze transcript levels following *Ago2* dsRNA injection. “\*” indicates placement of 5’ T7 promoter extension on dsRNA and viral probe primers (TAATACGACTCACTATAGG).