

**S5 Table** Sequence of the primers used for real time qPCR analyzes and dsRNA synthesis

Primer name	Primer sequence (5'-3')	PCR product size (bp)
qGATAd-F	CCCGACCGGCTACAGAT	112
qGATAa-R	CGGTGTTGTCTTCGTGGTT	
qGATAe-F	AAGGTCACGAGCACATGGAG	207
qGATAe-R	GGTGTGTTGCTGCTCGATG	
qPOU6F2-F	CACTGAAGGGCCAGCTTACA	288
qPOU6F2-R	TGCGCGTTCAACAGTTCAAG	
qMAP4K4-F	CATCAACTGGCTCCGTCTG	180
qMAP4K4-R	TCATCTTCGGTGACATCCATC	
qALP-F	GCACACACCATGACCGTAGCAG	169
qALP-R	GGCTCTTCGTGACATCG	
qRPL32-F	CCAATTTACCGCCCTACC	120
qRPL32-R	TACCCTGTTGTCAATACCTCT	
dsGATAd-F <sup>†</sup>	T7-AGAGCCATCGGACTCTACGA	329
dsGATAd-R <sup>†</sup>	T7-GTGGGTAGTCGTCCTCGGTA	
dsMAP4K4-F <sup>†</sup>	T7-GCCCGAGATACGCAAATACA	

dsMAP4K4-R <sup>†</sup>	T7-CCGAGCCATAGATCACTTTCA	582
dsEGFP-F <sup>†</sup>	T7-CCACAAGTTCAGCGTGTCCG	469
dsEGFP-R <sup>†</sup>	T7-AAGTTCACCTTGATGCCGTTT	

---

<sup>†</sup>Forward and reverse primers used to synthesize specific dsRNA templates contained the T7 RNA polymerase promoter sequence (5'-TAATACGACTCACTATAGGGAGA-3') appended to both their 5'- and 3'-ends.