

Supplementary Table 2. Oligonucleotides used for RNAi and RT-qPCR analysis in *S. litura*. T_m = 60°C

Gene	Primer orientation	Primer sequence (5'-3')	Purpose	PCR efficiency (%)	Standard curve R ²
CAD	Sense	<u>GAGCTC</u> AGTGTGGACAGGGATGGAG ^a	dsRNA synthesis	NA	NA
	Antisense	<u>AAGCTT</u> TGGCCTGACGGTTAGTTCAT ^b			
ABCC2	Sense	<u>GAGCTC</u> TGCCACTTCAAGCTGGTCTA	dsRNA synthesis	NA	NA
	Antisense	<u>AAGCTT</u> GAATGTCTGAACGCTCGTCC			
ALP1	Sense	<u>GAGCTC</u> AAGCGCGAAGAAATGGATCC	dsRNA synthesis	NA	NA
	Antisense	<u>AAGCTT</u> TCGCGTTGTTGTCACGATAC			
APN	Sense	<u>GAGCTC</u> TACTACGCCACCACACAGTT	dsRNA synthesis	NA	NA
	Antisense	<u>AAGCTT</u> AAGTCAGGCAGCGCAATATG			
GFP	Sense	<u>GAGCTC</u> GCAGAGCGAGGTATGTAGGC ^a	dsRNA synthesis	NA	NA
	Antisense	<u>AAGCTT</u> CTGCCTCGGTGAGTTTCTC ^b			
CAD	Sense	GCTGGCTCTGGCTAATATCG	RT-qPCR	105.7	0.992
	Antisense	CAAACGTGTTGGACACCATCG			
ABCC2	Sense	AACGTCAGCTGGTGTGTCTG	RT-qPCR	105.2	0.911
	Antisense	CAGCAAGATGTAGGGGTGGT			
ALP1	Sense	CGAATACATTTGGCATCGTG	RT-qPCR	102.6	0.945
	Antisense	GGATTGCCACCTCAGTCATT			
APN	Sense	CATCAACACAAACCCTGTCTG	RT-qPCR	104.8	0.902
	Antisense	TGATGGCCATGTTGGAGTAA			
β-actin	Sense	GCCATGTACGTCGCCATC	RT-qPCR	100.5	0.914
	Antisense	CAGGTAGTCTGTGAGGTCGC			
GAPDH	Sense	GACCAACTGTCTCGCTCCTC	RT-qPCR	105.0	0.908
	Antisense	CCAGAGGGTCCATCAACAGT			

^a underlined sequence indicates *Sac*I endonuclease site.

^b underlined sequence indicates *Hind*III endonuclease site.

NA, not applicable.