

Table S1. Primer sequences used in this study.

Experiments	Gene	Forward sequence (5'-3')	Reverse sequence (5'-3')
ORF confirmation	<i>LsHR3</i>	TGTTTAACGCTAGTGGTGGG	TAAGTCTGCCGATTTACCG
qPCR analysis	<i>LsHR3</i>	ACAAGAATATGGCCCACGAG	TCGCCGTAGAGGACGTAGTT
	<i>LsCYP302a1</i>	GAGCAGTTCGAAAGGGGTTG	GCTGCGGACCATTATCTGTG
	<i>LsCYP306a1</i>	TGGTTGCATTGAAGAGACGG	GGCAAGAAACCTTCCGACTT
	<i>LsCYP307a1</i>	GACAAAGTCGCAATGCCGTA	CGGTTTCGTCCCAGTAATCCT
	<i>LsCYP314a1</i>	GTGCTGACGATGCTGTTAGG	GCACACAACCATTAGCACCA
	<i>LsCYP315a1</i>	GAGGAAGCCGTCGATAATGC	CGCAGCTATCACAAGGTCTG
	<i>LsTRE1</i>	CCTACGGACCAAGACCTGAA	TTTGTTGGTTGCGTTGGTAA
	<i>LsTRE2</i>	GGTCAGTTGGCGGTTTATGG	TACTGGATGAAACCCACCCC
	<i>LsUAP1</i>	GGCAACACTGATCCATCCTT	GGCACTCTGCACGATTATGA
	<i>LsCHS1</i>	ATTTACCTCGCACCAACAC	CAGTCTTCACATCCGCTTCG
	<i>LsCHT5</i>	TGAGCAGCAAGTTCCGTATG	AAGGTGAACGGCTACCATTG
	<i>LsCHT7</i>	CGTCTTCCGCATGAACCAAT	CCTCTCCCTCGAAAGCCAAT
	<i>LsCHT10</i>	CCTCGTGGGTTTCGAGAATTA	CGTCTTCCGGATGTAGGAAA
	<i>LsCDA1</i>	GCTTTCTTGTTTTGGGTGGA	CGAGGTCAATTTGCAGGAAT
	<i>LsNAG1</i>	CTCAAACGGACAGACTGCAA	AGTTCTGAGCGGCAAACAGT
	<i>LsNAG2</i>	CCCAACGACAGAGGTGTTTT	CCTCTCGCGATCAGTCTTTC
dsRNA synthesis	<i>LsHR3</i>	TAATACGACTCACTATAGGGTGGTCAACTATCAGTGTC CC	TAATACGACTCACTATAGGGCTGACTGACCCGCTTAAAGC
	<i>LsCYP302a1</i>	TAATACGACTCACTATAGGGCGTCTGTGTTATT CAGAC	TAATACGACTCACTATAGGGCGGTTTCAGTTCTTTCTCTG
	<i>LsCYP306a1</i>	TAATACGACTCACTATAGGGGGGAAGTCTAACAGCTATCG	TAATACGACTCACTATAGGGGGATTACGTTTCCGGTTGA
	<i>LsCYP307a1</i>	TAATACGACTCACTATAGGGGATATACGGGGACATATT CG	TAATACGACTCACTATAGGGGTGTTTTGTTCTCGGAGTTT
	<i>LsCYP314a1</i>	TAATACGACTCACTATAGGGGCGGTTGTTAAGAGTGAAG	TAATACGACTCACTATAGGGTTCGGTACCAACAAGA ACTC
	<i>LsCYP315a1</i>	TAATACGACTCACTATAGGGCAAAATTGGGCCGATCAGTG	TAATACGACTCACTATAGGGATGCATTATCGACGGCTTCC
	<i>LsEcR</i>	TAATACGACTCACTATAGGGAGGAATTATGCCTCGTCTGC	TAATACGACTCACTATAGGGTAGTCGATGTATGAGTTCT
	<i>LsUSP</i>	TAATACGACTCACTATAGGGCCAGCGCAAACACTACGGA	TAATACGACTCACTATAGGGTCCATCGAACGATGAGAGAA

The bold letters represent the T7 promoter sequences for *in vitro* transcription in dsRNA synthesis.