

Table S1 Primers for PCR amplifications of *LEMD3*

Primer purpose	Primers	Primer sequences	Product size (bp)	
middle fragment cloning	MF1	TGTTACCGCTGGAATATGAGA	1206	
	MR1	CATAGGTAAGGCACAATAGGGTT		
3'-RACE	3F1	TTGTCAGTCCAAATGAATAT	-	
	3F2	GTCGCCTTTTGTGATGCAGATGC	-	
5'-RACE	5R1	TCAGTTCTTCCTCAGGGTCAT	-	
	5R2	ATGATCTCCTGCAAGTTGTG	-	
RACE verification	VF1	CAGCCGACAGGTATTGAAGGACG	-	
	VR1	GGAGGGATCTTGGTCAACTTAACA	-	
Polymorphism	Exons	EF1	GCTGGTAAAGGCAAAGAG	2005
discovery		ER1	GAAAGATGGCACGAAGG	
		EF13b	ACAGCCAAACACCTGGAAGT	984
		ER13b	TCTGCATCAAAAAGGCGACC	
promoter		PF3	TGGAATGGAAGATGTGAGG	806
		PR3	GGCTGCCGTGTTATTGTTA	