

Table S1. Primers used in our study.

Gene	Primer	Sequence (5'-3')
Cloning and vector construction		
<i>MdARD1</i>	<i>MdARD1</i> -S	ATGGTTGCCACCCAAAAGGATC
	<i>MdARD1</i> -A	TTATGCCGCAGCATTAAGTGCAT
<i>MdARD2</i>	<i>MdARD2</i> -S	ATGGCTGCCTCCCAAAGGGATC
	<i>MdARD2</i> -A	CTATGCCGCAGCGTTAACTGCAT
<i>MdARD4</i>	<i>MdARD4</i> -S	ATGGCGATGGAGGCATGGTT
	<i>MdARD4</i> -A	TTAATGAGCTTTTAATGCCACTCC
<i>MdARD4</i>	pCambia2300- <i>MdARD4</i> -S	TCCCCCGGGATGGCGATGGAGGCATGGTT
	pCambia2300- <i>MdARD4</i> -A	CGAGCTCTTAATGAGCTTTTAATGCCACTCC
<i>MdARD1</i>	GFP- <i>MdARD1</i> -S	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGTTGCCACCCAAAAGGATC
	GFP- <i>MdARD1</i> -A	GGGGACCACTTTGTACAAGAAAGCTGGGTTTGCCGCAGCATTAAGTGCAT
<i>MdARD2</i>	GFP- <i>MdARD2</i> -S	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGCTGCCTCCCAAAGGGATC
	GFP- <i>MdARD2</i> -A	GGGGACCACTTTGTACAAGAAAGCTGGGTTTGCCGCAGCGTTAACTGCAT
<i>MdARD4</i>	GFP- <i>MdARD4</i> -S	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGCGATGGAGGCATGGTT
	GFP- <i>MdARD4</i> -A	GGGGACCACTTTGTACAAGAAAGCTGGGTTATGAGCTTTTAATGCCACTCC
Quantitative real-time PCR		
<i>MdARD1</i>	RT- <i>MdARD1</i> -S	ATGGTTGCCACCCAAAAGGATC
	RT- <i>MdARD1</i> -S	ATAGTTATCAGCATCTAGACGCCAA
<i>MdARD2</i>	RT- <i>MdARD2</i> -S	ATGGCTGCCTCCCAAAGGG
	RT- <i>MdARD2</i> -A	GTAGTTATCAGCATCTAGATGCCAG
<i>MdARD4</i>	RT- <i>MdARD4</i> -S	ATGGATTTGCTTGACATATGCC
	RT- <i>MdARD4</i> -A	GATCACCGGCCTTAATCCAAAT
<i>MdEF-1α</i>	RT- <i>MdEF-1α</i> -S	ATTCAAGTATGCCTGGGTGC
	RT- <i>MdEF-1α</i> -A	CAGTCAGCCTGTGATGTTCC
<i>MdActin</i>	RT- <i>MdActin</i> -S	TGACCGAATGAGCAAGGAAATTACT
	RT- <i>MdActin</i> -A	TACTCAGCTTTGGCAATCCACATC
<i>SlPSY1</i>	RT- <i>PSY1</i> -S	AGAGGTGGTGGAAAGCAA
	RT- <i>PSY1</i> -A	TCTCGGGAGTCATTAGCAT
<i>SlPDS</i>	RT- <i>PDS</i> -S	GCTTTACCCGCTCCTTTA
	RT- <i>PDS</i> -A	ACCTTGCTTTCTCATCCA

<i>SlZDS</i>	RT-ZDS-S RT-ZDS-A	GGTGGGTGCTGAAAAAAT GGAAAGCGGAAATCAAGTT
<i>SlACS2</i>	RT-ACS2-S RT-ACS2-A	GAAAGAGTTGTTATGGCTGGTG GCTGGGTAGTATGGTGAAGGT
<i>SlACO3</i>	RT-ACO3-S RT-ACO3-A	CAAGCAAGTTTATCCGAAAT CATTAGCTTCCATAGCCTTC
<i>SlACO1</i>	RT-ACO1-S RT-ACO1-A	ACAAACAGACGGGACACGAA CTCTTTGGCTTGAAACTTGA
<i>SlRIN</i>	RT-RIN-S RT-RIN-A	GGAACCCAAACTTCATCAGA TTGTCCCAAATCCTCACCTA
<i>SlE4</i>	RT-E4-S RT-E4-A	AGGGTAACAACAGCAGTAGCA CCCAACCTCCGTCTTCAC
<i>SlE8</i>	RT-E8-S RT-E8-A	GGCACCATTCAACATACCG CTTTCACCGAAGAAGCACG
<i>SlERF1</i>	RT-ERF1-S RT-ERF1-A	TTTTAGTATCGGATGGACG GGCGGAGAAACAGAAGTA
<i>SlCAC</i>	RT-CAC-S RT-CAC-A	CCTCCGTTGTGATGTAAGTGG ATTGGTGGAAGTAACATCATCG
<i>SlActin</i>	RT-Actin-S RT-Actin-A	CAGCAGATGTGGATCTCAA CTGTGGACAATGGAAGGAC