

Primer Name	Forward 5'→3'	Primer Name	Reverse 5'→3'
PYD1-268F	GTCATCGCCAAAACCGTATC	PYD1-342R	GGTTCGTAGCCGAGCATATC
PYD1-530F	TTGAGCAAACCTGGTGTGATGC	PYD1-590R	TCTGGCATAACCATGAGGACA
PYD1-613F	GGACAAGATTGTGCGCTTCT	PYD1-683R	GCCCATACAGGAACTGTAGCTT
PYD1-1054F	AAAACCCTTTGCGCTGAGCT	PYD1-1142R	AAGTACTGCAGCGAATGCCCT
EF1 $\alpha$ -471F	TGAGCACGCTCTTCTTGCTTTCA	EF1 $\alpha$ -546R	GGTGGTGGCATCCATCTTGTTACA
EF1 $\alpha$ -1221F	TGGTGACGCTGGTATGGTTA	EF1 $\alpha$ -1367	TCCTTCTTGTCCACGCTCTT

**Table S4** PCR primers used in quantitative real-time RT-PCR analyses of 5'- and 3'-relative transcript levels for the *PYD1* gene and the reference gene *EF1 $\alpha$* .