

Time-course analysis of the artemisinin biosynthesis, and expression of genes coding for artemisinin pathway enzymes, in response to exogenous salicylic and gibberellic acids

MAHBOOBEH ZARE MEHRJERDI^{1,*}, MOHAMMAD-REZA BIHAMTA², MANSOOR OMIDI²,
MOHAMMAD-REZA NAGHAVI², HASSAN SOLTANLOO³

¹Department of Horticulture, College of Abouraihan, University of Tehran, Tehran, Iran

²Department of Agronomy and Plant breeding, Agriculture College, University of Tehran, Karaj, Iran

³Department of Genetic Engineering and Biotechnology,
Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Iran

* Corresponding author: mzarem@ut.ac.ir

Supplement Table S1. Sequences of the primers used for qPCR analysis

Target gene	Primer sequences	
<i>HMGR</i>	Forward	TGCTGGTTCTCTTGGTGGAT
	Reverse	CTCCAACCTGTGCCAACCTCT
<i>FDS</i>	Forward	GAACTCGCCAATGAGGAACA
	Reverse	TTTCAGCACCGCTTGGACT
<i>ADS</i>	Forward	TGTCAATGAGGAGTATGCCC
	Reverse	GTCTCCCATACGTGTGAAGT
<i>CYP71AV1</i>	Forward	CTCCACTACCCTTGGTTCTG
	Reverse	TCGTATTCTGCACCCATGAC
<i>CPR</i>	Forward	GCTCGGAACAGCCATCTTAT
	Reverse	CCGAAGCCTTCTGAGTCATC
<i>DBR2</i>	Forward	CCAATGGAAGTGAGGAGGAA
	Reverse	CAAGGTCAGGATTCGAGACA