

Supporting information

Table S1 Primers used in the study

Primer	Sequence (5'-3')	Application	Source
27F	AGAGTTTGATCMTGGCTCAG	Amplification of <i>16S rRNA</i>	https://doi.org/10.3389/fpls.2024.1370440
1492R	GGTTACCTTGTTACGACT	(NR_116240.1)	
UP1f	GAAGTCATCATGACCGTTCTGCA	Amplification of <i>gyrB</i> (DQ903176.1)	
UP2r	AGCAGGGTACGGATGTGC		
FGSG_05740-F	ACGGATGGTCCCAGAGTTTT	Quantitative real-time PCR of <i>FGSG_05740</i> expression	Steroid
FGSG_05740-R	CCGATGTTGTGAGCGAGGTA	(XM_011326020.1, biosynthesis)	
FGSG_04092-F	AATCCTGCGGAAAGTCAAGAG	Quantitative real-time PCR of <i>FGSG_04092</i> expression	
FGSG_04092-R	CGGTAACGTAGGTGAAGCCAT	(XM_011323246.1, Steroid biosynthesis)	
FGSG_05011-F	TCCCAGCAACATTCTCCTCA	Quantitative real-time PCR of <i>FGSG_05011</i> expression	
FGSG_05011-R	CTCACAGCCAACAATCCACC	(XM_011325190.1, Peroxisome)	
FGSG_06724-F	AAGAAGAGAGTCGCCATTGC	Quantitative real-time PCR of <i>FGSG_06724</i> expression	Designed in this study
FGSG_06724-R	CCTTTTTTGCTTTCGCTGTC	(XM_011328059.1, Ribosome)	
FGSG_04903-F	AACCCCAGATGAACCAGGATA	Quantitative real-time PCR of <i>FGSG_04903</i> expression	
FGSG_04903-R	GGGAGTGATGTGAAGGAGAGTG	(XM_011325070.1, Amino sugar and nucleotide sugar metabolism)	
FGSG_12603-F	GTCCTCCTTCAAACATCACTGC	Quantitative real-time PCR of <i>FGSG_12603</i> expression	
FGSG_12603-R	TCCTTATCACACACCATCCC	(XM_011324891.1, Amino sugar and nucleotide sugar metabolism)	
FGSG_10453-F	CACCAGTTCTTTACCCATCCG	Quantitative real-time PCR of <i>FGSG_10453</i> expression	
FGSG_10453-R	TGCTGTCCATACACGCTACCA	(XM_011321130.1, Nitrogen metabolism)	
FGSG_07803-F	CGCTATTTGCCCTTGGAAC	Quantitative real-time PCR of <i>FGSG_07803</i> expression	
FGSG_07803-R	ACGGAGGAAACACTTGCTGG	(XM_011329321.1, Glycolysis / Gluconeogenesis)	
FgActin-F	AACATTGTCATGTCTGGTGGTACC	Internal parameters of quantitative real-time PCR (XP_011327086.1)	
FgActin-R	CACTTGCGGTGAACGATTGA		