

Table S1: List of gene-specific primers for qRT-PCR

Genes	Forward	Reverse
Phenylalanine ammonia-lyase	CCAATACTAATCCCGAAGGTCTC	GACCAAACGCATAATCTCCATTC
Squalene synthase	GAACCTCGGACTTCCCGAAA	CGCGCATACAAGCAGAAAG
Cyanate hydratase	GGGTCTTGGTGTATGGGTATC	GTTTCCTGTCCACCGTTACA
Actin-like protein ARP6	GGATGTTCAATGGTGGTGGA	CATTTGCCGCTGACAAGTTATT
Topoisomerase 1-associated factor 1	ACCTGAGGAGAGTCCAAAGA	ACTGGAATTCGTGGACGTG
JmjC domain histone demethylation protein 1	GACAAGGACCATGATGGGAAA	ATGGGCACATCCACATCTTT
GMP synthase (glutamine-hydrolyzing)	ATCTGCTCCCATATTCGAAGTC	GGCGCAAGGATTTTCATGTTC
Glycylpeptide N-tetradecanoyltransferase	CAATGCTCTCACCCTCATGG	CGGTTCGCCAGTTGTAAAGA
Sulfate adenylyltransferase	TGCTGGCGGAAACTTCTT	TCATCGACACCAGTGAAACC
Glyceraldehyde-3-phosphate dehydrogenase	GTTGGCGATGAACACTCTTCTA	ATAGGCGATCAGGTCAACAAC
Pentafunctional AROM polypeptide	CCGGAGATGCTTCAGTTGAT	TCCTTCCCTACCACGACTAC