

Table S1. Primer sequences used for cloning MEP pathway genes.

Gene	Transcript ID		Primer sequences (5' to 3')
DXS1	PGSC0003DMT400058821	Forward	GCGCCGTCTCGCTCGAATGGCTTTGTGTGCTTATGCA
		Reverse	GCGCCGTCTCGCTCGAAGCTTATGTCATGACCTCTAGAGC
DXS2	PGSC0003DMT400041591	Forward	GCGCCGTCTCGCTCGAATGGCAGTTTCTTCAGGTCC
		Reverse	GCGCCGTCTCGCTCGAAGCTATAGCATTTTGGAGATTGATTTA
DXR	PGSC0003DMT400062965	Forward	GCGCCGTCTCGCTCGAATGGCCCTCAATTTGCTTTCT
		Reverse	GCGCCGTCTCGCTCGAAGCTCATAACGAGAGCTGGACTCA
CMS	PGSC0003DMT400046906	Forward	GCGCCGTCTCGCTCGAATGTCTACTCTTCAATTGGGTATC
		Reverse	GCGCCGTCTCGCTCGAAGCCTAAGATTCTTCAATGTTCAATATTC
CMK	PGSC0003DMT400058461	Forward	GCGCCGTCTCGCTCGAATGGCTTCTCTGTAATATTCTTTGT
		Reverse	GCGCCGTCTCGCTCGAAGCTCAATTTACAGGCTCTTCTGAG
HDR	PGSC0003DMT400064783	Forward	GCGCCGTCTCGCTCGAATGGCTATTCTCTCCAATTC
		Reverse	GCGCCGTCTCGCTCGAAGCTTAGGCCAATTGTAAGGCTTC
MCS	PGSC0003DMT400031768	Forward	GCGCCGTCTCGCTCGAATGGCGTCTTCACTATTTTTTTCA
		Reverse	GCGCCGTCTCGCTCGAAGCCTATTTCTTCAATAAGAAGAACAACAG
IDI	PGSC0003DMT400018755	Forward	GCGCCGTCTCGCTCGAATGAGAGGAATTGATGGGAAC
		Reverse	GCGCCGTCTCGCTCGAAGCTTAAGTCAATTTGTGGATGGTTTTTC
GGPPS3	PGSC0003DMT400097473	Forward	GCGCCGTCTCGCTCGAATGAGTCTTTCAACAACAATTACTAC
		Reverse	GCGCCGTCTCGCTCGAAGCTTAATTCTCTCTGTAAGCAATATAATC
SDS	PGSC0003DMT400018242	Forward	GCGCCGTCTCGCTCGAGCCATGATGTCTGTGAGTTGCCAT
		Reverse	GCGCCGTCTCGCTCGAAGCCTATTCAATTCTCTCCAGATTATAC
SIDPS	--	Forward	ATGATATTTTCAAAGGGTTTATCTCAG
		Reverse	CTATTTTGTCTTGTGATGACTCTG