

Genetic dissection of vitamin E biosynthesis in tomato

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Supplementary Material

Table S1. Primer sequences

GENE	UNIGENE	Foward Reverse
<i>ggps(1)</i>	U574849	CTCATACAATGGCATTITTTAGCTACC GCAAATCGACAGAATTGATAGGC
<i>ggps(2)</i>	U571085	ATGAGATCTATGAATCTTGTGATTC GATTACATTGCTAATCGTCAAATTA
<i>ggps(3)</i>	U573348	ATGAGTCTTTCAACAACAATTACAAC GCTTACAGAGAGAATTAATGTAAC
<i>ggps(4)</i>	U575882	CGGAGATCAATTATGGTTTTCTC GCCAAGTCTAGATCATGTTTAGC
<i>tat(1)</i>	U577103	GTAATGGAAGGCAATTTGGTTGG CATTGATTCTACTCCGATTAACGCC
<i>tat(2)</i>	U563404	CATGGAGAACGGTACGACTAC GCTTATTGTTTCTTAGCATGCC
<i>tyra(1)</i>	U567861	CCA TGTTGTCTTTCACCCAC GTT AAACCTGAGAACAACTGAGGG
<i>tyra(2)</i>	U570951	CACATTCAACCATGTTTTCCC GGAAGTAGAGGCACTTTCTTGA
<i>vte4</i>	U584511	GTAATGGGCAGCCAATGCTATTC CATCACATGTGAAAACCTGAATAA
<i>vte1</i>	U570602	ATGGAGTGTGTTTCCGCCATTC GCCTTTGAGCAAATGCAAAAAGTAG
<i>vte3(1)</i>	U578249	GCATTTGCTCAACTAATCATGGC GAACCTCTGTGAGAGACCAAG
<i>vte3(2)</i>	U581492	CATGGCGTCTTCAATACTGAGTGG CCGAAAGGTCAGCCCATCTGA
<i>vte2</i>	U327540 (covers 5' end) U576207 (covers 3' end)	ATGGAATCTTTGCTTATTGGGTC GTGAGGTGAATGAATGTACAAGC
<i>vte5</i>	U583081	ATGGCTCTCTTTGCTTCTTCTG GTTGGCAGTCTTGTTTTATGATACC
<i>hppd(1)</i>	U580457	ATGGGCAAACAAGCCGCTG CCATCGAAGAATATGAAAAGACACTTG
<i>hppd(2)</i>	U578997	GGTGCTCCAAAATACAATGGGC CAAGTAGCTGCTGTGCAATGA
<i>apt</i>	U566340	CATGGCTCTGTTTCAGTGTCG CGCGTTGATAATCTGGCTGA
<i>prai</i>	U564371	GGAAGGATGCTCTCAGTGTTT CGCAGTGAATCTTTACACCTTTAG
<i>fpgs</i>	U581922	CTGTAGTGTGAAGAACAATAATG GCTGACTCCTATTTGGTAAGAG
<i>chl</i>	U574853	ATGGTGATAACTAGTACTTCTCTG GGTTGTGGTTATATTGTACCCCTCG
<i>sec14</i>	U583419	ATGGATTCTTCATCCCCATTAC CAGCCTAAAATGAAGCAAATCTATG
<i>lycb</i>	U570109	CTATAATGGAACCTTCTCAAGCC CTAGCAATAGAGAGCCTTTGAATG