Table S24. Oligonucleotide sequences designed to amplify the candidate reference genes and transcripts involved in cuticle biosynthesis. Primers were designed with the PrimerQuest, OligoAnalyzer, and UNAFold tools from Integrated DNA Technologies (http://www.idtdna.com). Abbreviations: Primer melting temperature (Tm), base pairs (bp), plastidic ATP/ADP-transporter (*StTLC1*), plasma membrane ATPase 4 (*StPMA4*), polyubiquitin 3 (*StUBQ3*), alpha-tubulin (*StTUA*), actin 7 (*StACT7*), elongation factor 1-alpha (*StEF1a*), COP1-interactive protein 1 (*StCIP1*), ATP binding cassette transporter family G member 11 (*StABCG11*), BEL1-like homeodomain protein 1 (*StBLH1*), Gly-Asp-Ser-Leu motif lipase/esterase 1 (*StGDSL1*), and cytochrome p450 family 77 subfamily A (*StCYP77A*). *S. thurberi* transcripts identified in this study were designated with the prefix "St" and the name of their best homologous match from other plant species.

Transcript ID	**Sense**	**Sequence (5´→3´)**	**Size (bp)**	**Tm (ºC)**	**Amplicon size (bp)**
TRINITY_DN25430_c1_g2_i9 (*StTLC1*)	Forward	GAACATGAGCCCAAGAGG	18	60	92
	Reverse	GGCAGCCCTTGTTTAGAG	18	60	
TRINITY_DN26123_c0_g1_i16 (*StPMA4*)	Forward	CACTCCTTGCAGCATCAG	18	60	95
	Reverse	TGGGATGACTGGAGATGG	18	60	
TRINITY_DN26064_c1_g5_i3 (*StUBQ3*)	Forward	GACGTACCTTGGCTGATTAC	20	60	77
	Reverse	TTAGAAACCACCACGAAGAC	20	60	
TRINITY_DN23775_c0_g3_i7 (*StTUA*)	Forward	CTGAATTGTGATGCCTACCC	20	60	107
	Reverse	GAAGACCTTGCTGCTCTTG	19	60	
TRINITY_DN18765_c1_g4_i6 (*StACT7*)	Forward	CCTTCACCATTCCAGTTCC	19	60	104
	Reverse	TGCCGTGTCAGTTCTTTG	18	60	
TRINITY_DN27812_c0_g3_i2 (*StEF1a*)	Forward	CACCCAATCCGTGCTATG	18	60	75
	Reverse	GTCAGAGGCAACCTTACAC	19	60	
TRINITY_DN22912_c3_g1_i4 (*StCIP1*)	Forward	GAACAGGGAACGATGATGAG	20	60	126
	Reverse	CTGCCATTCACCCTTCTG	18	60	
TRINITY_DN23528_c1_g1_i1 (*StABCG11*)	Forward	CACTGGTAGGCTCATCAAG	19	59	89
	Reverse	CATCAGTGGTGGTGAGAAG	19	60	
TRINITY_DN20216_c2_g1_i8 (*StBLH1*)	Forward	GGATTTCGCTGACCCTATC	19	59	93
	Reverse	GAGGTGGAGCAAAGATACAG	20	60	
TRINITY_DN15394_c0_g1_i1 (*StGDSL1*)	Forward	TTCCGGTGAGGTAGGAAG	18	60	101
	Reverse	TGTTGGGTTTGGAAGCAG	18	60	
TRINITY_DN17030_c0_g1_i2 (*StCYP77A*)	Forward	GTCTATTCTCGGGTCTAGGG	20	60	83
	Reverse	GGTTGGACATGAGTGAAGAG	20	60	