

S2a Table. Primer sequences for qRT-PCR analysis in the leaf of red and green walnut.

Genes	Transcripts ID	Forward primer	Reverse primer
<i>PAL</i>	<i>Jrgene13135</i>	GCTTTGTTTCAGGGATGTG	TGGTGCTTGTAGGTGGG
<i>CHS</i>	<i>Jrgene36733</i>	TTATTCATTGGCCCGTAAGC	GGATCTTTGCTGTGGCAAGT
<i>F3'5'H</i>	<i>Jrgene1355</i>	GCTCTCGGGTGTTTGTGAAT	TCACCATCCTCTCAGCCATT
<i>UFGT</i>	<i>Jrgene14301</i>	AACGAAGACCGAGCCA	AGCCAGGAATGAAGGAAC
<i>MYB</i>	<i>Jrgene32450</i>	GGAGAAGGAGGCGGTCATTA	GAATGATGCGCTTCCTGGAG
<i>bHLH</i>	<i>Jrgene32411</i>	CAACAAGCAGCTCAGAAAGC	GTAGCTTGGCCTCTTTTTC
<i>WD40</i>	<i>Jrgene7876</i>	CTTGCCAGCACTCCAACATT	CCAGCCAAGAAAGAACCACC
	<i>β-ACTIN</i>	GCCGAACGGGAAATTGTC	AGAGATGGCTGGAAGAGG

S2b Table. Primer sequences for qRT-PCR analysis in the peel of red and green walnut.

Genes	Transcripts ID	Forward primer	Reverse primer
<i>PAL</i>	<i>Jrgene13135</i>	GCTTTGTTTCAGGGATGTG	GGGTGGATGTTTCGTGGT
<i>CHS</i>	<i>Jrgene4994</i>	ACCCCGATACAAGCGTTGA	AACACCAAATGGGGTGAAAG
<i>F3'5'H</i>	<i>Jrgene30190</i>	AGCAATTGATTGGGCACTCT	TCATGAGGAAGCAAAAAGTGG
<i>F3H</i>	<i>Jrgene39130</i>	CCTTGGTGATCAAATGCAGA	AGCAATCCACAGGTCCAATC
<i>UFGT</i>	<i>Jrgene39777</i>	AATACTGCCTGTTGGTCC	TCTTGAGGGCTGTTGC
<i>MYB</i>	<i>Jrgene32450</i>	GGAGAAGGAGGCGGTCATTA	GAATGATGCGCTTCCTGGAG
<i>bHLH</i>	<i>Jrgene32411</i>	CAACAAGCAGCTCAGAAAGC	GTAGCTTGGCCTCTTTTTCG
<i>WD40</i>	<i>Jrgene7876</i>	CTTGCCAGCACTCCAACATT	CCAGCCAAGAAAGAACCACC
<i>β-ACTIN</i>		GCCGAACGGGAAATTGTC	AGAGATGGCTGGAAGAGG