

**Sup. Tab. 1.** Primers used for RT-qPCR analysis of gene expression.

<b>Gene</b>	<b>Accession</b>	<b>Forward primer</b>	<b>Reverse primer</b>
<i>CsACT</i>	orange1.1g037845m	CCCTTCCTCATGCCATTCTTC	CGGCTGTGGTGGTAAACATG
<i>CsTUB</i>	orange1.1g013335m	GGGGCAAATGAGCACTAAA	CGCCTGAACATCTCCTGAAT
<i>CsCAT2</i>	orange1.1g042356m	GTAACCAAGACCTGGCCTGA	ATGCCAGGAACCACAATAGC
<i>CsAPX2</i>	orange1.1g024615m	CCATTCGGAACCATGAGGCT	CTCAACGCCAACAACACCAG
<i>CsUVR8</i>	orange1.1g001361m	GGGAAGCTCCCTACTCGTGT	CAGTGTCGCCATGACCTAAC
<i>CsCRY1</i>	orange1.1g005723m	GCCCACTGAATGGATACACC	CTTCTTGCTGCCACATTTCT
<i>CsCRY2</i>	orange1.1g006464m	GGCCATTCCACAAGTTGTCT	CAGAGTTCCCAGCTTCGTTC
<i>CsHYH/CsHY5</i>	orange1.1g030957m	CAAGCTCTGCTCTTCATCTC	CTTCCTCTGACCTTCTCCTA
<i>CsRUP1-2</i>	orange1.1g017773m	GATGCGAATGGGACTTCAAT	CTACCACAGCGACAACCTGGA
<i>CsCOPI</i>	orange1.1g002736m	CATAATGTTCGGCCATCTTG	GTTCTCCGCTGAAGCATGTC

**Sup. Fig. 1.** Chlorophyll and carotenoid content in *Citrus macrophylla* (CM) Troyer citrange (TC) plants subjected to control (yellow bars) or UV-B induced stress (violet bars) for 5 days. Asterisks denote statistically significant differences between control and UV-B stressed plants after a t-student test at 0.01 (\*\*\*), 0.05 (\*\*) or 0.1 (\*).

