

Supplementary Table 1. Primer of qRT-PCR in *P.alba* × *P.davidiana* and *P.davidiana*

Gene	Forward primer	Reverse primer
<i>PtACTIN</i>	TTCTACAAGTGCTTTGATGGTGAGTTC	CTATTCGATACATAGAAGATCAGAATGTTC
<i>UBQ7</i>	GGAACGGGTTGAGGAGAAAGAAG	GCAAGAACAAGATGAAGCACAGAGC
<i>PtP5CS</i>	GGCTCGATTTGGATTAGGTGC	GAGGTGGATCTGATAACTGC
<i>PtSUS3</i>	GCTGGGCTCAACGGATTTATG	GGCGTCTCGGTTCCCTGGGA
<i>PtLTP3</i>	GTGGAACTCAACTCTGGAGAGC	CACTGGCAAGCTAGAAACAG
<i>PtDREB8</i>	AGCAAGCTGAGTCAAGATGA	CCTCGAGAAAACGCTACAAAAG
<i>PETA</i>	CCTCCAGGTTGCTCATCA	ACAGTAGGGAACGGAGCTGAAG
<i>PETM</i>	CCGTTATCTCCACATCCTTCATT	TGTCGACCCTCTCTCCTTCAA
<i>PETB</i>	GTGCTGCAATTGCTGCCTTAT	GGAAGGATCCAAGGGATTTAACA
<i>ATPA</i>	TGAGCGTGAAGGGTTCAAAGA	CAGTTTTGGCCCCAGTTACG
<i>PGLP1</i>	TCACCTGGTTCGCTCAAAAAT	GGTAGAGGTGCGCCATCGT
<i>GOX1</i>	TCGTGTGTCACATTTGGCAGTA	GCCTGGTAACGATCCTCTTGTT
<i>GOX2</i>	ACCGGAACCGGAAGTGACT	TTGCCAATATCAAACACTCATCCT
<i>GOX3</i>	CGGTGGGTGGATTTCTTCAA	CATGGTGTGCCCCATTCC