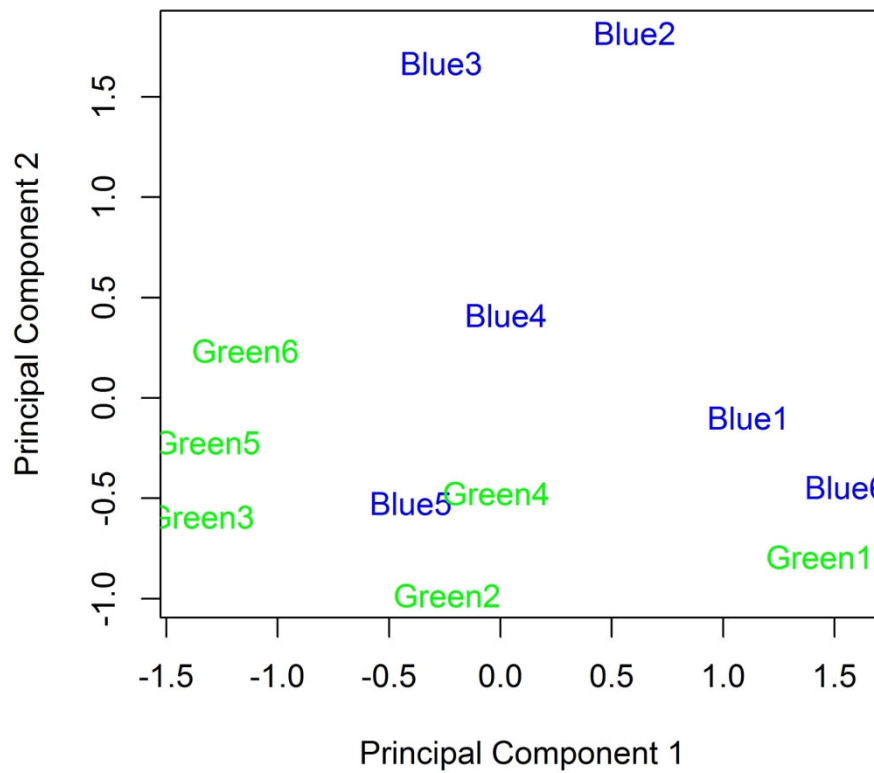


## Supplementary material

**Table S1.** Primer list.

Primer Name	Identifier	Gene description	Sequence (5' – 3')
qAp_REF1F	<i>Ap_2641</i>	Saposin-like aspartyl protease	TTGGATTGCGTATCTTGCTTGC
qAp_REF1R	<i>Ap_2641</i>	Saposin-like aspartyl protease	AACATACATFFTTATTGCTTGCCA
qAp_REF8F	<i>Ap_10901</i>	Peptidase S24/S26A/S26B/S26C family protein	TGCTCCATTCAAGTTGCACCT
qAp_REF8R	<i>Ap_10901</i>	Peptidase S24/S26A/S26B/S26C family protein	TGAAATTCCTTGCAGCAGAACA
qAp_1400F	<i>Ap_1400</i>	Putative RNA recognition motif domain-containing protein	ACCACCTCGTTCATCATCAGC
qAp_1400R	<i>Ap_1400</i>	Putative RNA recognition motif domain-containing protein	GGGGTCTGTTAGCGAAGAGTC
qAp_5633F	<i>Ap_5633</i>	Chromomethylase (CMT)	TTCATTCTCGCTCTGGATCCA
qAp_5633R	<i>Ap_5633</i>	Chromomethylase (CMT)	GCTAGTCTACTTGGCAGCCTT
qap_14760F	<i>Ap_14760</i>	Asparagine synthetase	GTGCAAAGTTGGCGTTTCGTA
qap_14760R	<i>Ap_14760</i>	Asparagine synthetase	GCCCATCAAATACAGCCGTC
qap_22702F	<i>Ap_22702</i>	SANT domain-containing protein	TGAAGCTCCTATGTGATGCCA
qap_22702R	<i>Ap_22702</i>	SANT domain-containing protein	TGCTGCCAATTCCACATATGC
qap_72505F	<i>Ap_72505</i>	Ribulose biphosphate carboxylase small subunit	CTGAGACACTCTGTTGGGGTC
qap_72505R	<i>Ap_72505</i>	Ribulose biphosphate carboxylase small subunit	AGACGGGCAAAATTGAGCATC
qap_72669F	<i>Ap_72669</i>	Red chlorophyll catabolite reductase	TCTGCTCTACTTGGGAATCGTC
qap_72669R	<i>Ap_72669</i>	Red chlorophyll catabolite reductase	CTCACAGCCATTTCAAATTGCA
qap_84836F	<i>Ap_84836</i>	Cytochrome P450 CYP720B12v2	TCTCTCACGTTTAACCCTGGC
qap_84836R	<i>Ap_84836</i>	Cytochrome P450 CYP720B12v2	ATGGCGATCTGAAGTTTTGCG



**Figure S1.** Multidimensional scaling plot (MDS) of needles samples from bluish (B) and green (G) trees.

**Dataset S1.** RNA-seq differential expression results

**Dataset S2.** RNA-seq functional enrichment of differentially expressed (DE) transcripts