

Supplementary Table S2. Genes/transcripts information of qPCR in *Pinus Densiflora*

Pine tree transcripts name	Arabidopsis Gene symbol	Arabidopsis Description
TRINITY_DN58729_c0_g1_i1	<i>LHCA1</i>	Chlorophyll a-b binding protein
TRINITY_DN78962_c0_g1_i2	<i>LHCB7</i>	Chlorophyll a-b binding protein 7
TRINITY_DN87649_c0_g1_i1	<i>RCA</i>	Ribulose biphosphate carboxylase/oxygenase activase
TRINITY_DN63836_c0_g1_i1	<i>PGK1</i>	Phosphoglycerate kinase
TRINITY_DN35036_c0_g1_i5	<i>CYFBP</i>	Cytosolic fructose-1,6-bisphosphatase
TRINITY_DN147783_c0_g2_i1	<i>FKFBP</i>	Fructose-2,6-bisphosphatase
TRINITY_DN26074_c0_g1_i4	<i>PHS2</i>	Cytosolic alpha-glucan phosphorylase 2
TRINITY_DN64563_c1_g1_i5	<i>PGMP</i>	Chloroplastic phosphoglucomutase
TRINITY_DN64994_c0_g1_i2	<i>PGM</i>	Phosphoglycerate mutase-like protein
TRINITY_DN34875_c0_g6_i2	<i>PGK3</i>	Phosphoglycerate kinase
TRINITY_DN99376_c0_g1_i4	<i>CAPCP2</i>	Chloroplastic glyceraldehyde-3-phosphate dehydrogenase 2
TRINITY_DN5478_c3_g1_i3	<i>PPDK</i>	Chloroplastic phosphate dikinase 1
TRINITY_DN60793_c0_g1_i1	<i>APX5</i>	Peroxisomal L-ascorbate peroxidase 5
TRINITY_DN19267_c0_g1_i6	<i>APXS</i>	Chloroplastic/mitochondrial L-ascorbate peroxidase S
TRINITY_DN169836_c0_g1_i4	<i>CAT2</i>	Catalase 2
TRINITY_DN278558_c0_g1_i1	<i>CAT3</i>	Catalase 3