

**Supplemental Table 2.** Unigenes showing differential expression in the seven organs

Cluster	Unigene	Annotation	GO terms
Ia	ug2071	chlorophyll a/b binding	membrane;plastid;generation of precursor metabolites and energy;photosynthesis
Ia	ug2085	chlorophyll a/b binding protein	generation of precursor metabolites and energy;photosynthesis;membrane;thylakoid;binding;protein modification process;plastid
Ia	ug2001	light-harvesting complex II protein Lhcb3	membrane;plastid;generation of precursor metabolites and energy;photosynthesis
Ia	ug2083	serine hydroxymethyltransferase	binding;cellular amino acid and derivative metabolic process;transferase activity;metabolic process;cellular process
Ia	ug2087	alpha tubulin 1	cellular process;C;nucleotide binding;cellular component organization;structural molecule activity;hydrolase activity;cytoskeleton
Ia	ug1989	no annotation	
Ia	ug2024	photosystem II protein Z	membrane;thylakoid;generation of precursor metabolites and energy;photosynthesis;plastid
Ia	ug2050	no annotation	
Ia	ug2058	chlorophyll a/b binding	membrane;plastid;generation of precursor metabolites and energy;photosynthesis
Ia	ug2054	photosystem II 10 kDa	membrane;thylakoid;plastid;photosynthesis
Ib	ug2033	no annotation	
Ib	ug2067	metallothionein-like protein	binding
Ib	ug2066	non-specific lipid transfer protein precursor	lipid binding;transport
Ib	ug2080	non-specific lipid transfer protein precursor	lipid binding;transport
Ib	ug2006	unknown protein	cytoplasm;plastid
Ib	ug2007	no annotation	
Ic	ug2061	photosystem II CP43 protein	thylakoid;plastid;membrane;generation of precursor metabolites and energy;photosynthesis;intracellular;F;protein modification process;binding
Ic	ug2091	hypothetical ctc00065-like protein	mitochondrion;plastid
Ic	ug2064	photosystem I reaction center	membrane;thylakoid;plastid;photosynthesis
Ic	ug2089	no annotation	
Ic	ug2090	histone H3	intracellular;DNA binding;cellular component organization;cellular process;plastid;nucleus
Id	ug2018	unknown protein [Camellia]	
Id	ug2021	extensin like protein	transport
Id	ug2002	unknown protein [Camellia]	
Id	ug2079	histone H4	intracellular;DNA binding;cellular component organization;cellular process;protein
Id	ug2029	PREDICTED: hypothetical protein	
Id	ug2082	histone H4	intracellular;DNA binding;cellular component organization;cellular process;protein
Id	ug1961	histone H3	intracellular;DNA binding;cellular component organization;cellular process;plastid;nucleus
II	ug2055	lipid binding	transport
II	ug2060	unknown protein	
II	ug2015	no annotation	
II	ug2084	no annotation	
II	ug2078	dihydroflavonol 4-reductase	metabolic process;cellular process;binding;catalytic activity
II	ug2092	cell wall-associated hydrolase	kinase activity;hydrolase activity vacuole;transport;generation of precursor metabolites and energy;nucleobase, nucleoside, nucleotide and nucleic acid metabolic process;biosynthetic process;membrane;hydrolase activity;transporter activity;plasma membrane
II	ug2074	H <sup>+</sup> -transporting two-sector	activity;transporter activity;plasma membrane
II	ug2093	unknown protein	binding
II	ug2088	unknown protein	metabolic process;catalytic activity
II	ug2065	specific tissue protein 2	
II	ug2075	organ-specific protein	

**Supplemental Table 2.** continued.

Cluster	Unigene	Annotation	GO terms
III	ug1784	unknown protein	binding;catalytic activity
III	ug1016	40S ribosomal protein S5	structural molecule activity;ribosome;translation hydrolase activity;biosynthetic process;cellular process;lipid
III	ug1854	isopentenyl diphosphate isomerase	metabolic process;catalytic activity
III	ug2039	manganese superoxide dismutase	binding;metabolic process;response to stress;cellular process;mitochondrion;catalytic activity
III	ug2076	GEG protein	extracellular region;response to stress;cell wall response to endogenous stimulus;signal
III	ug1560	glutathione S-transferase	transduction;transferase activity response to endogenous stimulus;signal
III	ug2053	germin-like protein 6	transduction;extracellular region;cell wall;receptor kinase activity;response to external stimulus;signal transduction;response to abiotic stimulus;biosynthetic process;nucleobase, nucleoside, nucleotide and nucleic acid
III	ug1822	nucleoside diphosphate kinase	metabolic process;nucleotide binding;binding
III	ug2038	PREDICTED: hypothetical protein early response to dehydration 15-	
III	ug2072	like protein	
III	ug0640	lipid binding calcium-binding EF hand family	structural molecule activity;transport
III	ug2046	protein	binding
III	ug1974	alcohol dehydrogenase	catalytic activity;cytoplasm;metabolic process;binding carbohydrate metabolic process;generation of precursor metabolites and energy;catabolic process;catalytic activity
III	ug2063	fructose-bisphosphate aldolase	
III	ug2020	pathogenesis-related protein 10	
III	ug1701	hypothetical protein	
III	ug2045	60S ribosomal protein	ribosome;structural molecule activity;translation
III	ug2081	no annotation	
III	ug1557	60S ribosomal protein 135a	structural molecule activity;cellular process;ribosome;cytosol;translation
III	ug1965	60S acidic ribosomal protein P0	ribosome;structural molecule activity;cellular intracellular;DNA binding;cellular component organization;cellular process;nucleus
III	ug2056	histone H2b	
III	ug2086	no annotation	
III	ug2048	peroxidase 72	binding;metabolic process;catalytic activity;F;response to stress response to endogenous stimulus;signal
III	ug2049	germin-like protein 6	transduction;extracellular region;cell wall;receptor
III	ug2047	no annotation	