

Table S6. The codon usage frequency for the cp genome of *D. heterophyllum*.

Codon	Codon type	Number	RSCU	Codon	Codon type	Number	RSCU
Phe	UUU	1,057	1.35	Ala	GCA	426	1.15
Phe	UUC	506	0.65	Ala	GCG	172	0.47
Leu	UUA	943	1.9	Tyr	UAU	826	1.57
Leu	UUG	634	1.28	Tyr	UAC	224	0.43
Leu	CUU	608	1.22	TER	UAA	45	1.59
Leu	CUC	194	0.39	TER	UAG	19	0.67
Leu	CUA	404	0.81	TER	UGA	21	0.74
Leu	CUG	199	0.40	His	CAU	512	1.49
Ile	AUU	1,184	1.48	His	CAC	176	0.51
Ile	AUC	459	0.57	Gln	CAA	751	1.50
Ile	AUA	764	0.95	Gln	CAG	248	0.50
Met	AUG	656	1.00	Asn	AAU	1,074	1.52
Val	GUU	580	1.52	Asn	AAC	337	0.48
Val	GUC	171	0.45	Lys	AAA	1,184	1.49
Val	GUA	557	1.46	Lys	AAG	403	0.51
Val	GUG	217	0.57	Asp	GAU	926	1.59
Ser	UCU	616	1.68	Asp	GAC	239	0.41
Ser	UCC	368	1.01	Glu	GAA	1,120	1.51
Ser	UCA	432	1.18	Glu	GAG	360	0.49
Ser	UCG	204	0.56	Cys	UGU	260	1.55
Ser	AGU	443	1.21	Cys	UGC	75	0.45
Ser	AGC	131	0.36	Trp	UGG	489	1.00
Pro	CCU	444	1.44	Arg	CGU	350	1.22
Pro	CCC	264	0.86	Arg	CGC	131	0.46
Pro	CCA	326	1.06	Arg	CGA	359	1.25
Pro	CCG	197	0.64	Arg	CGG	173	0.60
Thr	ACU	564	1.57	Arg	AGA	537	1.87
Thr	ACC	290	0.81	Arg	AGG	176	0.61
Thr	ACA	421	1.18	Gly	GGU	598	1.21
Thr	ACG	158	0.44	Gly	GGC	223	0.45
Ala	GCU	613	1.66	Gly	GGA	759	1.54
Ala	GCC	265	0.72	Gly	GGG	395	0.80