

Table S3. Codon usage and relative synonymous codon usage (RSCU) value for protein-coding genes in the *C. monnieri* chloroplast genome.

Codon	Count	RSCU	Codon	Count	RSCU	Codon	Count	RSCU	Codon	Count	RSCU
UUU(F)	927	1.34	UCU(S)	516	1.71	UAU(Y)	747	1.61	UGU(C)	196	1.52
UUC(F)	453	0.66	UCC(S)	281	0.93	UAC(Y)	182	0.39	UGC(C)	62	0.48
UUA(L)	839	1.95	UCA(S)	353	1.17	UAA(*)	46	1.62	UGA(*)	17	0.6
UUG(L)	495	1.15	UCG(S)	189	0.63	UAG(*)	22	0.78	UGG(W)	415	1
CUU(L)	537	1.25	CCU(P)	401	1.58	CAU(H)	428	1.51	CGU(R)	329	1.37
CUC(L)	187	0.44	CCC(P)	185	0.73	CAC(H)	139	0.49	CGC(R)	90	0.37
CUA(L)	358	0.83	CCA(P)	275	1.09	CAA(Q)	645	1.52	CGA(R)	334	1.39
CUG(L)	160	0.37	CCG(P)	151	0.6	CAG(Q)	204	0.48	CGG(R)	116	0.48
AUU(I)	996	1.45	ACU(T)	527	1.64	AAU(N)	851	1.51	AGU(S)	368	1.22
AUC(I)	392	0.57	ACC(T)	238	0.74	AAC(N)	279	0.49	AGC(S)	107	0.35
AUA(I)	677	0.98	ACA(T)	380	1.18	AAA(K)	981	1.51	AGA(R)	441	1.83
AUG(M)	572	1	ACG(T)	140	0.44	AAG(K)	316	0.49	AGG(R)	134	0.56
GUU(V)	510	1.5	GCU(A)	602	1.8	GAU(D)	754	1.6	GGU(G)	563	1.34
GUC(V)	163	0.48	GCC(A)	218	0.65	GAC(D)	190	0.4	GGC(G)	187	0.44
GUA(V)	500	1.47	GCA(A)	366	1.09	GAA(E)	935	1.51	GGA(G)	657	1.56
GUG(V)	190	0.56	GCG(A)	154	0.46	GAG(E)	305	0.49	GGG(G)	276	0.66

Average# codons= 24248.