

Table 8. Codon usage in *Populus*

Phe	UUU	4887	1.11	Ser	UCU	4047	1.60	Tyr	UAU	3438	1.09	Cys	UGU	1709	0.99
	UUC	3949	0.89		UCC	2298	0.91		UAC	2872	0.91		UGC	1738	1.01
Leu	UUA	1802	0.58		UCA	3348	1.32	TER	UAA	163	0.93	TER	UGA	229	1.31
	UUG	4652	1.49		UCG	952	0.38		UAG	131	0.75	Trp	UGG	2444	1.00
	CUU	5016	1.61	Pro	CCU	4053	1.60	His	CAU	2605	1.16	Arg	CGU	1658	0.93
	CUC	2959	0.95		CCC	1504	0.59		CAC	1903	0.84		CGC	1124	0.63
	CUA	1639	0.53		CCA	3749	1.48	Gln	CAA	3545	1.00		CGA	1140	0.64
	CUG	2640	0.85		CCG	829	0.33		CAG	3535	1.00		CGG	832	0.47
Ile	AUU	5376	1.43	Thr	ACU	3914	1.49	Asn	AAU	4499	1.12	Ser	AGU	2368	0.93
	AUC	3658	0.97		ACC	2494	0.95		AAC	3554	0.88		AGC	2190	0.86
	AUA	2270	0.60		ACA	3291	1.25	Lys	AAA	5878	0.79	Arg	AGA	2924	1.65
Met	AUG	4820	1.00		ACG	791	0.30		AAG	8974	1.21		AGG	2986	1.68
Val	GUU	6125	1.65	Ala	GCU	6920	1.75	Asp	GAU	7492	1.37	Gly	GGU	4569	1.24
	GUC	2778	0.75		GCC	3034	0.77		GAC	3483	0.63		GGC	2691	0.73
	GUA	1839	0.50		GCA	4879	1.23	Glu	GAA	6253	0.96		GGA	4645	1.27
	GUG	4063	1.10		GCG	1017	0.26		GAG	6820	1.04		GGG	2778	0.76

Codon usage was calculated from 873 AFC sequences that all showed high homology to an *Arabidopsis* protein throughout its whole length.