

Codon Preference in Ribosomal protein L3 in Triticum Aestivum

AmAcid	Codon	Number	/1000	Fraction
Ala	GCG	2.00	5.13	0.10
Ala	GCA	1.00	2.56	0.05
Ala	GCT	8.00	20.51	0.40
Ala	GCC	9.00	23.08	0.45
Cys	TGT	3.00	7.69	0.38
Cys	TGC	5.00	12.82	0.63
Asp	GAT	4.00	10.26	0.29
Asp	GAC	10.00	25.64	0.71
Glu	GAG	16.00	41.03	0.70
Glu	GAA	7.00	17.95	0.30
Phe	TTT	3.00	7.69	0.20
Phe	TTC	12.00	30.77	0.80
Gly	GGG	2.00	5.13	0.06
Gly	GGA	5.00	12.82	0.15
Gly	GGT	13.00	33.33	0.39
Gly	GGC	13.00	33.33	0.39
His	CAT	4.00	10.26	0.24
His	CAC	13.00	33.33	0.76
Ile	ATA	0.00	0.00	0.00
Ile	ATT	9.00	23.08	0.47
Ile	ATC	10.00	25.64	0.53
Lys	AAG	50.00	128.21	0.93
Lys	AAA	4.00	10.26	0.07
Leu	TTG	3.00	7.69	0.12
Leu	TTA	1.00	2.56	0.04
Leu	CTG	3.00	7.69	0.12
Leu	CTA	0.00	0.00	0.00

Leu	CTT	6.00	15.38	0.24
Leu	CTC	12.00	30.77	0.48
Met	ATG	10.00	25.64	1.00
Asn	AAT	2.00	5.13	0.40
Asn	AAC	3.00	7.69	0.60
Pro	CCG	2.00	5.13	0.14
Pro	CCA	1.00	2.56	0.07
Pro	CCT	6.00	15.38	0.43
Pro	CCC	5.00	12.82	0.36
Gln	CAG	14.00	35.90	0.93
Gln	CAA	1.00	2.56	0.07
Arg	AGG	8.00	20.51	0.30
Arg	AGA	2.00	5.13	0.07
Arg	CGG	3.00	7.69	0.11
Arg	CGA	1.00	2.56	0.04
Arg	CGT	3.00	7.69	0.11
Arg	CGC	10.00	25.64	0.37
Ser	AGT	2.00	5.13	0.12
Ser	AGC	1.00	2.56	0.06
Ser	TCG	2.00	5.13	0.12
Ser	TCA	3.00	7.69	0.18
Ser	TCT	4.00	10.26	0.24
Ser	TCC	5.00	12.82	0.29
Thr	ACG	1.00	2.56	0.04
Thr	ACA	2.00	5.13	0.08
Thr	ACT	8.00	20.51	0.32
Thr	ACC	14.00	35.90	0.56
Val	GTG	10.00	25.64	0.34
Val	GTA	0.00	0.00	0.00
Val	GTT	11.00	28.21	0.38
Val	GTC	8.00	20.51	0.28
Trp	TGG	4.00	10.26	1.00

Tyr	TAT	6.00	15.38	0.40
Tyr	TAC	9.00	23.08	0.60
End	TGA	0.00	0.00	0.00
End	TAG	1.00	2.56	1.00
End	TAA	0.00	0.00	0.00