

Codon Preference in HIR4 (Hypersensitive induced reaction protein 4) in Triticum Aestivum

AmAcid	Codon	Number	/1000	Fraction
Ala	GCG	6.00	20.76	0.24
Ala	GCA	5.00	17.30	0.20
Ala	GCT	5.00	17.30	0.20
Ala	GCC	9.00	31.14	0.36
Cys	TGT	1.00	3.46	0.33
Cys	TGC	2.00	6.92	0.67
Asp	GAT	7.00	24.22	0.39
Asp	GAC	11.00	38.06	0.61
Glu	GAG	18.00	62.28	0.82
Glu	GAA	4.00	13.84	0.18
Phe	TTT	4.00	13.84	0.29
Phe	TTC	10.00	34.60	0.71
Gly	GGG	4.00	13.84	0.22
Gly	GGA	1.00	3.46	0.06
Gly	GGT	1.00	3.46	0.06
Gly	GGC	12.00	41.52	0.67
His	CAT	1.00	3.46	0.20
His	CAC	4.00	13.84	0.80
Ile	ATA	2.00	6.92	0.11
Ile	ATT	4.00	13.84	0.22
Ile	ATC	12.00	41.52	0.67
Lys	AAG	17.00	58.82	0.94
Lys	AAA	1.00	3.46	0.06
Leu	TTG	1.00	3.46	0.04
Leu	TTA	0.00	0.00	0.00
Leu	CTG	7.00	24.22	0.30
Leu	CTA	0.00	0.00	0.00

Leu	CTT	4.00	13.84	0.17
Leu	CTC	11.00	38.06	0.48
Met	ATG	9.00	31.14	1.00
Asn	AAT	5.00	17.30	0.56
Asn	AAC	4.00	13.84	0.44
Pro	CCG	2.00	6.92	0.29
Pro	CCA	1.00	3.46	0.14
Pro	CCT	1.00	3.46	0.14
Pro	CCC	3.00	10.38	0.43
Gln	CAG	11.00	38.06	0.69
Gln	CAA	5.00	17.30	0.31
Arg	AGG	0.00	0.00	0.00
Arg	AGA	2.00	6.92	0.15
Arg	CGG	4.00	13.84	0.31
Arg	CGA	1.00	3.46	0.08
Arg	CGT	0.00	0.00	0.00
Arg	CGC	6.00	20.76	0.46
Ser	AGT	2.00	6.92	0.11
Ser	AGC	6.00	20.76	0.33
Ser	TCG	6.00	20.76	0.33
Ser	TCA	2.00	6.92	0.11
Ser	TCT	0.00	0.00	0.00
Ser	TCC	2.00	6.92	0.11
Thr	ACG	3.00	10.38	0.23
Thr	ACA	2.00	6.92	0.15
Thr	ACT	0.00	0.00	0.00
Thr	ACC	8.00	27.68	0.62
Val	GTG	11.00	38.06	0.37
Val	GTA	1.00	3.46	0.03
Val	GTT	7.00	24.22	0.23
Val	GTC	11.00	38.06	0.37
Trp	TGG	1.00	3.46	1.00

Tyr	TAT	0.00	0.00	0.00
Tyr	TAC	8.00	27.68	1.00
End	TGA	0.00	0.00	0.00
End	TAG	1.00	3.46	1.00
End	TAA	0.00	0.00	0.00