

**Codon Preference in HSP70 (Heat Shock Protein 70) in
Triticum Aestivum.**

AmAcid	Codon	Number	/1000	Fraction
Ala	GCG	6.00	15.92	0.21
Ala	GCA	5.00	13.26	0.17
Ala	GCT	15.00	39.79	0.52
Ala	GCC	3.00	7.96	0.10
Cys	TGT	0.00	0.00	0.00
Cys	TGC	1.00	2.65	1.00
Asp	GAT	20.00	53.05	0.61
Asp	GAC	13.00	34.48	0.39
Glu	GAG	18.00	47.75	0.64
Glu	GAA	10.00	26.53	0.36
Phe	TTT	5.00	13.26	0.63
Phe	TTC	3.00	7.96	0.38
Gly	GGG	6.00	15.92	0.17
Gly	GGA	9.00	23.87	0.25
Gly	GGT	12.00	31.83	0.33
Gly	GGC	9.00	23.87	0.25
His	CAT	1.00	2.65	1.00
His	CAC	0.00	0.00	0.00
Ile	ATA	3.00	7.96	0.14
Ile	ATT	12.00	31.83	0.57
Ile	ATC	6.00	15.92	0.29
Lys	AAG	23.00	61.01	0.79
Lys	AAA	6.00	15.92	0.21
Leu	TTG	6.00	15.92	0.17
Leu	TTA	1.00	2.65	0.03
Leu	CTG	6.00	15.92	0.17
Leu	CTA	2.00	5.31	0.06

Leu	CTT	14.00	37.14	0.40
Leu	CTC	6.00	15.92	0.17
Met	ATG	5.00	13.26	1.00
Asn	AAT	8.00	21.22	0.73
Asn	AAC	3.00	7.96	0.27
Pro	CCG	0.00	0.00	0.00
Pro	CCA	9.00	23.87	0.45
Pro	CCT	7.00	18.57	0.35
Pro	CCC	4.00	10.61	0.20
Gln	CAG	13.00	34.48	0.72
Gln	CAA	5.00	13.26	0.28
Arg	AGG	7.00	18.57	0.64
Arg	AGA	3.00	7.96	0.27
Arg	CGG	0.00	0.00	0.00
Arg	CGA	0.00	0.00	0.00
Arg	CGT	1.00	2.65	0.09
Arg	CGC	0.00	0.00	0.00
Ser	AGT	2.00	5.31	0.08
Ser	AGC	4.00	10.61	0.16
Ser	TCG	4.00	10.61	0.16
Ser	TCA	5.00	13.26	0.20
Ser	TCT	6.00	15.92	0.24
Ser	TCC	4.00	10.61	0.16
Thr	ACG	5.00	13.26	0.17
Thr	ACA	13.00	34.48	0.43
Thr	ACT	5.00	13.26	0.17
Thr	ACC	7.00	18.57	0.23
Val	GTG	14.00	37.14	0.42
Val	GTA	2.00	5.31	0.06
Val	GTT	9.00	23.87	0.27
Val	GTC	8.00	21.22	0.24
Trp	TGG	0.00	0.00	0.00

Tyr	TAT	0.00	0.00	0.00
Tyr	TAC	2.00	5.31	1.00
End	TGA	1.00	2.65	1.00
End	TAG	0.00	0.00	0.00
End	TAA	0.00	0.00	0.00