

Escherichia coli codon usage [gbbct]: 14553 CDS's (4339817 codons)

	U				C				A				G				
U	UUU	F	0.6	22.7	UCU	S	0.17	11.5	UAU	Y	0.61	18.9	UGU	C	0.48	5.5	U
	UUC	F	0.4	15.5	UCC	S	0.14	9.5	UAC	Y	0.39	12.1	UGC	C	0.52	5.9	C
	UUA	L	0.15	15.1	UCA	S	0.16	10.8	UAA	*	0.59	2	UGA	*	0.32	1.1	A
	UUG	L	0.13	12.6	UCG	S	0.13	8.4	UAG	*	0.09	0.3	UGG	W	1	13.7	G
C	CUU	L	0.13	13.1	CCU	P	0.2	8.4	CAU	H	0.59	12.4	CGU	R	0.33	18.2	U
	CUC	L	0.1	10	CCC	P	0.14	5.8	CAC	H	0.41	8.6	CGC	R	0.32	17.5	C
	CUA	L	0.05	4.8	CCA	P	0.21	8.7	CAA	Q	0.33	14.2	CGA	R	0.08	4.3	A
	CUG	L	0.44	44.3	CCG	P	0.44	18.3	CAG	Q	0.67	28.1	CGG	R	0.13	7.1	G
A	AUU	I	0.48	29.1	ACU	T	0.2	11.4	AAU	N	0.53	23.9	AGU	S	0.17	11.3	U
	AUC	I	0.36	22.1	ACC	T	0.36	20.7	AAC	N	0.47	20.9	AGC	S	0.22	14.9	C
	AUA	I	0.15	9.3	ACA	T	0.21	11.8	AAA	K	0.72	35.8	AGA	R	0.09	5.1	A
	AUG	M	1	25.4	ACG	T	0.24	13.7	AAG	K	0.28	14	AGG	R	0.05	3	G
G	GUU	V	0.3	20.4	GCU	A	0.2	17.8	GAU	D	0.63	32.8	GGU	G	0.34	24.4	U
	GUC	V	0.2	13.9	GCC	A	0.26	23.5	GAC	D	0.37	18.9	GGC	G	0.34	24.4	C
	GUA	V	0.18	12.1	GCA	A	0.24	21.8	GAA	E	0.66	37.3	GGA	G	0.16	11.3	A
	GUG	V	0.33	22.5	GCG	A	0.29	26.1	GAG	E	0.34	19.4	GGG	G	0.16	11.7	G

Coding GC 49.41% 1st letter GC 56.20% 2nd letter GC 40.75% 3rd letter GC 51.28%

Genetic code 1: Standard

Data taken from Codon Usage Database <http://www.kazusa.or.jp/codon>, K.M. Müller 2007