

AA	Codon	Cognates	Pseudo-cognates	Near-cognates	R _c	R _n	ε _M	ε _N
A	GCA	UGC	GGC	UCC, UAC, UGA, UGU, UGG, UUC	21.496	5.50E-02	2.55E-03	1.46E-04
A	GCC	GGC, UGC		GAC, GGU, GUC, GCC, GGA, GGG	27.218	5.86E-02	2.15E-03	1.15E-04
A	GCG	UGC	GGC	CGA, CGG, CCC, CGU	13.760	2.11E-02	1.53E-03	2.28E-04
A	GCU	GGC, UGC			22.061	0.00E+00	0.00E+00	1.43E-04
C	UGC	GCA		GCU, GUA, GCC, GGA, GAA, CCA	7.163	5.42E-02	7.51E-03	4.36E-04
C	UGU	GCA		ACG, CCA	4.584	2.16E-02	4.69E-03	6.83E-04
D	GAC	GUC		GGC, GAC, GUA, GUU, GCC, GUG, UUC	21.488	8.43E-02	3.91E-03	1.46E-04
D	GAU	GUC		UUC	13.752	1.64E-02	1.19E-03	2.28E-04
E	GAA	UUC		UGC, UCC, UAC, UUG, GUC, UUU	28.650	8.40E-02	2.92E-03	1.09E-04
E	GAG	UUC		GUC, CCC, CUG	18.336	2.49E-02	1.36E-03	1.71E-04
F	UUC	GAA		GAG, GAC, GCA, GAU, GUA, GGA, UAA, CAA	14.325	5.83E-02	4.05E-03	2.19E-04
F	UUU	GAA		UAA, CAA	9.168	8.21E-03	8.94E-04	3.43E-04
G	GGA	UCC	GCC, CCC	UGC, UAC, UCU, UUC	7.183	5.47E-02	7.56E-03	4.34E-04
G	GGC	GCC, UCC	CCC	GGC, GAC, GCU, GCA, GUC	32.952	3.81E-02	1.15E-03	9.53E-05
G	GGG	CCC, UCC	GCC	CCU, CCG, CCA	11.763	1.26E-02	1.07E-03	2.67E-04
G	GGU	GCC, UCC	CCC	ACG	22.638	1.64E-02	7.25E-04	1.39E-04
H	CAC	GUG		GAG, GUA, GUU, UUG, GUC, GGG, CUG	7.163	6.65E-02	9.20E-03	4.35E-04
H	CAU	GUG		ACG, UUG, CUG	4.584	3.39E-02	7.34E-03	6.81E-04
I	AUA	CAU	GAU	UAG, UAC, UGU, UUU, UCU, UAA, CAU	36.685	9.83E-02	2.67E-03	8.55E-05
I	AUC	GAU	CAU	GAG, GAC, GCU, GUU, GGU, GAA, CAU	21.521	8.32E-02	3.85E-03	1.46E-04
I	AUU	GAU		CAU	13.785	3.28E-02	2.38E-03	2.28E-04
K	AAA	UUU		GUU, UGU, UUG, UCU, UUC	42.976	5.06E-02	1.18E-03	7.31E-05
K	AAG	UUU		GUU, CCU, CAU, CUG, CGU	27.504	7.01E-02	2.54E-03	1.14E-04
L	CUA	UAG	GAG, CAG, UAA	UAC, UUG, UGG	7.189	3.31E-02	4.58E-03	4.35E-04
L	CUC	GAG, UAG	CAG	GAC, GAU, GAA, GUG, GGG	11.477	3.78E-02	3.28E-03	2.73E-04
L	CUG	CAG, UAG	GAG, CAA	CGG, CCG, CAU, CUG	33.243	4.95E-02	1.49E-03	9.45E-05
L	CUU	GAG, UAG	CAG	ACG	8.898	1.64E-02	1.84E-03	3.53E-04
L	UUA	UAA	UAG, CAA	UAC, UGA, GAA	7.171	3.31E-02	4.59E-03	4.36E-04
L	UUG	CAA, UAA	CAG	CGA, GAA, CAU, CCA	11.764	4.95E-02	4.19E-03	2.66E-04
M	AUG	CAU		GAU, CAG, CCU, CAA, CGU	57.301	4.57E-02	7.97E-04	5.49E-05