



# Genetically Modified Hopscotch

Amino Acid/Abbreviation	Triplet Code in RNA
Alanine/A	GCU, GCC, GCA, GCG
Arginine/R	CGU, CGC, CGA, CGG, AGA, AGG
Asparagine/N	AAU, AAC
Aspartic Acid/D	GAU, GAC
Cysteine/C	UGU, UGC
Glutamine/Q	CAA, CAG
Glutamic Acid/E	GAA, GAG
Glycine/G	GGU, GGC, GGA, GGG
Histidine/H	CAU, CAC
Isoleucine/I	AUU, AUC, AUA
STOP Codons	UAA, UGA, UAG
Leucine/L	UUA, UUG, CUU, CUC, CUA, CUG
Lysine/K	AAA, AAG
Methionine/M START Codon	AUG
Phenylalanine/F	UUU, UUC
Proline/P	CCU, CCC, CCA, CCG
Serine/S	UCU, UCC, UCA, UCG, AGU, AGC
Threonine/T	ACU, ACC, ACA, ACG
Tryptophan/W	UGG
Tyrosine/Y	UAU, UAC
Valine/V	GUU, GUC, GUA, GUG