

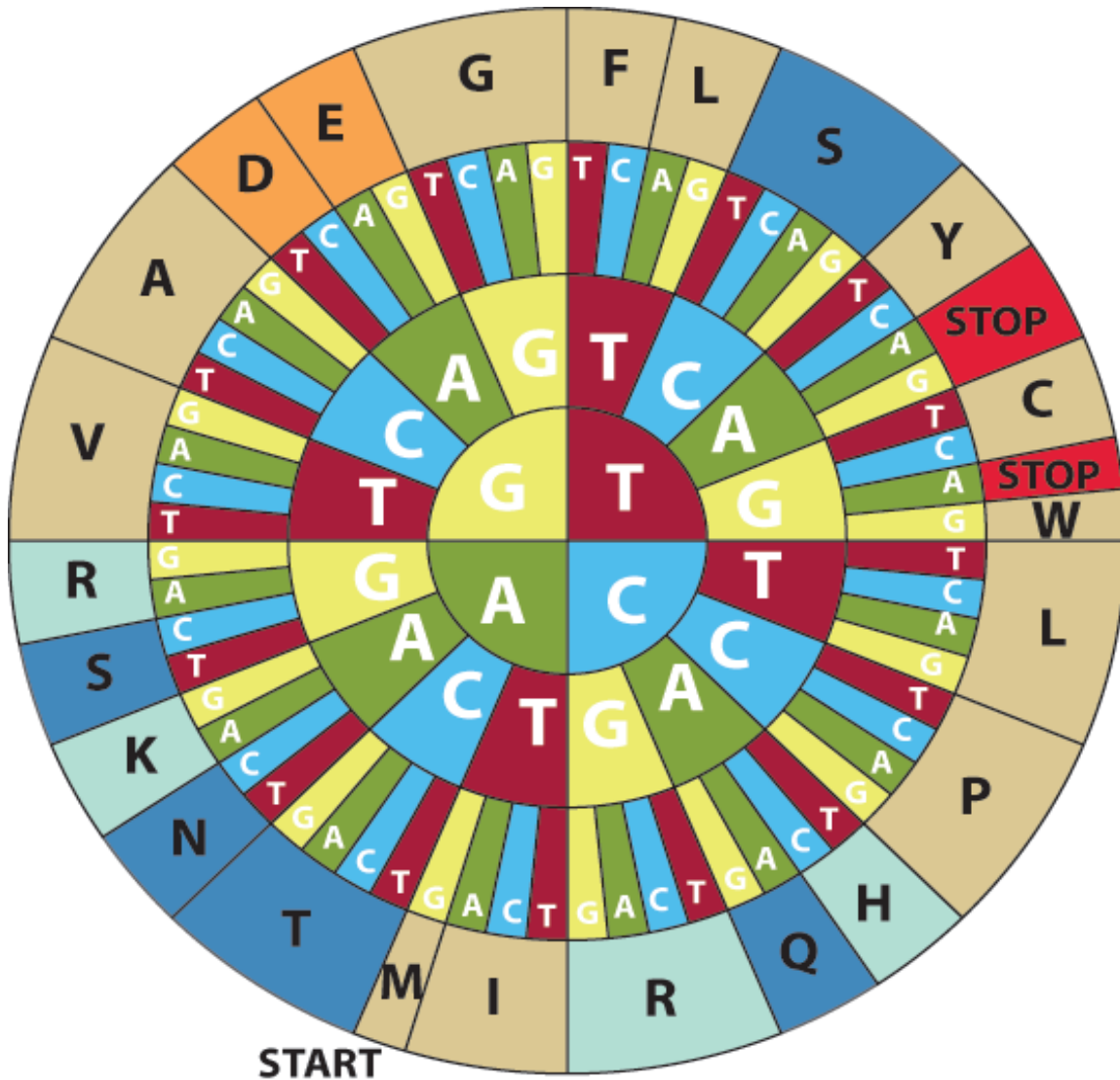
# Codon Wheel

## Decoding DNA

Use the codon wheel to translate DNA codons into amino acids.

To decode a codon find the first letter of your sequence in the inner circle and work outwards to see the corresponding amino acid. For example: CAT codes for H (Histidine).

\*Please note that this wheel uses the sense DNA codons (5' to 3').



### Amino acid code

A - Alanine	G - Glycine	M - Methionine	S - Serine
C - Cysteine	H - Histidine	N - Asparagine	T - Threonine
D - Aspartic Acid	I - Isoleucine	P - Proline	V - Valine
E - Glutamic acid	K - Lysine	Q - Glutamine	W - Tryptophan
F - Phenylalanine	L - Leucine	R - Arginine	Y - Tyrosine

Image: C. Brooksbank, European Bioinformatics Institute