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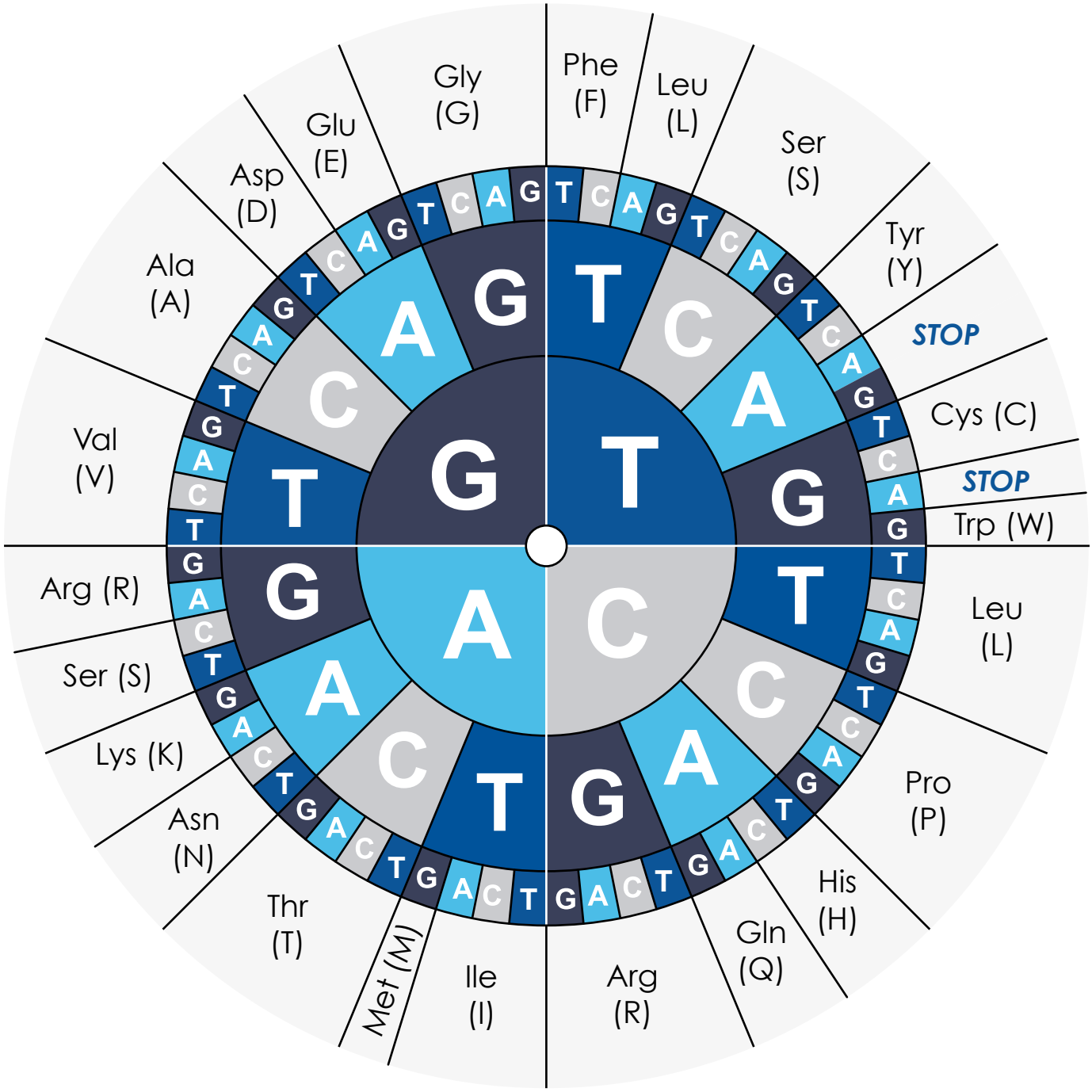
Genetic Code



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Codon Table

Second Position

First Position	T	C	A	G	Third Position
T	TTT, TTC — Phe TTA, TTG — Leu	TCT, TCC, TCA, TCG — Ser	TAT, TAC — Tyr TAA — STOP TAG — STOP	TGT, TGC — Cys TGA — STOP TGG — Trp	T C A G
C	CTT, CTC, CTA, CTG — Leu	CCT, CCC, CCA, CCG — Pro	CAT, CAC — His CAA, CAG — Gln	CGT, CGC, CGA, CGG — Arg	T C A G
A	ATT, ATC, ATA — Ile ATG — Met	ACT, ACC, ACA, ACG — Thr	AAT, AAC — Asn AAA, AAG — Lys	AGT, AGC — Ser AGA, AGG — Arg	T C A G
G	GTT, GTC, GTA, GTG — Val	GCT, GCC, GCA, GCG — Ala	GAT, GAC — Asp GAA, GAG — Glu	GGT, GGC, GGA, GGG — Gly	T C A G

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