

A circular diagram of the genetic code. The outer ring contains the 4<sup>th</sup> position of the mRNA codon (A, C, G, U). The inner ring contains the 3<sup>rd</sup> position (A, C, G, U). The center contains the 1<sup>st</sup> and 2<sup>nd</sup> positions (A, C, G, U). The diagram is divided into 4 sectors, each representing a 1<sup>st</sup> position. Each sector is further divided into 4 sub-sectors for the 2<sup>nd</sup> position. Each sub-sector is further divided into 4 sub-sub-sectors for the 3<sup>rd</sup> position. The amino acid corresponding to each codon is written in the center of each sub-sub-sector. The diagram shows that there are 4<sup>3</sup> = 64 possible codons, and that some amino acids are encoded by more than one codon (degenerate code).

Отд./корп

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[illegible]