The Genetic Code

REDISPLAYED

with Amino Acid Abundance

Instead of presenting codons in the order of first base, second base, third base (from the center), codons are presented in the order of 2–1–3.

Amino acids appear to cluster in structural/functional groups.

Abundance was calculated from a database of ca. 6 million proteins

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Archaea
Bacteria
Eucaryota
Viruses

% Abundance

Modification

S	Sumo
M	Methyl
P	Phospho
U	Ubiquitin
nM	N-Methyl
oG	O-glycosyl
nG	N-glycosyl

hydrophilic — hydrophobic