



| | | Second mRNA base | | | | | |
|-----------------------------------|---|------------------|---------|----------|----------|--|--|
| | | U | C | A | G | | |
| First mRNA base (5' end of codon) | U | UUU Phe | UCU Ser | UAU Tyr | UGU Cys | U C A G U C A G U C A G U C A G | |
| | C | UUC Phe | UCC Ser | UAC Tyr | UGC Cys | | |
| | A | UUA Leu | UCA Ser | UAA Stop | UGA Stop | | |
| | G | UUG Leu | UCG Ser | UAG Stop | UGG Trp | | |
| First mRNA base (5' end of codon) | C | CUU Leu | CCU Pro | CAU His | CGU Arg | U C A G U C A G U C A G U C A G | |
| | U | CUC Leu | CCC Pro | CAC His | CGC Arg | | |
| | A | CUA Leu | CCA Pro | CAA His | CGA Arg | | |
| | G | CUG Leu | CCG Pro | CAG His | CGG Arg | | |
| First mRNA base (5' end of codon) | A | AUU Ile | ACU Thr | AAU Asn | AGU Ser | U C A G U C A G U C A G U C A G | |
| | C | AUC Ile | ACC Thr | AAC Asn | AGC Ser | | |
| | U | AUA Ile | ACA Thr | AAA Lys | AGA Ser | | |
| | G | AUG Met or start | ACG Thr | AAG Lys | AGG Ser | | |
| First mRNA base (5' end of codon) | G | GUU Val | GCU Ala | GAU Asp | GGU Gly | U C A G U C A G U C A G U C A G | |
| | U | GUC Val | GCC Ala | GAC Asp | GGC Gly | | |
| | A | GUA Val | GCA Ala | GAA Asp | GGA Gly | | |
| | G | GUG Val | GCG Ala | GAG Asp | GGG Gly | | |

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