Number of codons in reference Pro His Arg Leu CCC 29 CUC 92 CGC 34 **CAC 58** - 350 CAU 131 **CCU 191 CUU 271 CGU 85** Gln **CCG 17 CUG 47 CGG 11 CAG 111** - 300 CCA 157 **CUA 102 CGA 17** CAA 254 Phe Ser Cys Tyr UGC 67 **UCC 51** UUC 149 **UAC 174** - 250 First Nucleotide **UCU 216 UUU 351 UGU 229 UAU 274** * Leu Trp UCG 12 **UUG 165 UGG 111** UAG 1 * - 200 UCA 184 UUA 253 UGA 0 UAA 9 Ala Gly Val Asp GCC 95 **GUC 110** GGC 103 **GAC 184** GCU 358 **GUU 382 GGU 337 GAU 327** - 150 G **GAG 123 GCG 25 GUG 112 GGG 17** GCA 180 **GUA 177 GGA 119** GAA 319 - 100 Thr Ser Asn lle AUC 95 ACC 68 AGC 40 **AAC 173 AGU 158 ACU 320 AUU 261 AAU 359** - 50 Met Arg Lys AAG 195 ACG 36 **AUG 206** AGG 47 **AAA** 367 ACA 294 **AUA 157** AGA 156 - 0

Second Nucleotide