**Codon table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1st**  **letter** | **Second letter** | | | | **3rd**  **letter** |
| **U** | **C** | **A** | **G** |
| U | UUU  UUC Phe  UUA  UUG Leu | UCU  UCC Ser  UCA  UCG | UAU  UAC Tyr  UAA Stop  UAG Stop | UGU  UGC Cys  UGA Stop  UGG Trp | U  C A G |
| C | CUU  CUC Leu  CUA  CUG | CCU  CCC Pro  CCA  CCG | CAU  CAC His  CAA  CAG Gln | CGU  CGC Arg  CGA  CGG | U  C A G |
| A | AUU  AUC Ile  AUA  AUG Met | ACU  ACC Thr  ACA  ACG | AAU  AAC Asn  AAA  AAG Lys | AGU  AGC Ser  AGA  AGG Arg | U  C A G |
| G | GUU  GUC Val  GUA  GUG | GCU  GCC Ala  GCA  GCG | GAU  GAC Asp  GAA  GAG Glu | GGU  GGC Gly  GGA  GGG | U C  A G |

**Chi-squared p value table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Degrees of**  **Freedom** | **Probability, *p*** | | | | |
|  | **0.99** | **0.95** | **0.05** | **0.01** | **0.001** |
| 1 | 0.000 | 0.004 | 3.84 | 6.64 | 10.83 |
| 2 | 0.020 | 0.103 | 5.99 | 9.21 | 13.82 |
| 3 | 0.115 | 0.352 | 7.82 | 11.35 | 16.27 |
| 4 | 0.297 | 0.711 | 9.49 | 13.28 | 18.47 |
| 5 | 0.554 | 1.145 | 11.07 | 15.09 | 20.52 |
| 6 | 0.872 | 1.635 | 12.59 | 16.81 | 22.46 |
| 7 | 1.239 | 2.167 | 14.07 | 18.48 | 24.32 |
| 8 | 1.646 | 2.733 | 15.51 | 20.09 | 26.13 |
| 9 | 2.088 | 3.325 | 16.92 | 21.67 | 27.88 |
| 10 | 2.558 | 3.940 | 18.31 | 23.21 | 29.59 |
| 11 | 3.05 | 4.58 | 19.68 | 24.73 | 31.26 |
| 12 | 3.57 | 5.23 | 21.03 | 26.22 | 32.91 |
| 13 | 4.11 | 5.89 | 22.36 | 27.69 | 34.53 |
| 14 | 4.66 | 6.57 | 23.69 | 29.14 | 36.12 |
| 15 | 5.23 | 7.26 | 25.00 | 30.58 | 37.70 |
| 16 | 5.81 | 7.96 | 26.30 | 32.00 | 39.25 |
| 17 | 6.41 | 8.67 | 27.59 | 33.41 | 40.79 |
| 18 | 7.02 | 9.39 | 28.87 | 34.81 | 42.31 |
| 19 | 7.63 | 10.12 | 30.14 | 36.19 | 43.82 |
| 20 | 8.26 | 10.85 | 31.41 | 37.57 | 45.32 |
| 21 | 8.90 | 11.59 | 32.67 | 38.93 | 46.80 |
| 22 | 9.54 | 12.34 | 33.92 | 40.29 | 48.27 |
| 23 | 10.20 | 13.09 | 35.17 | 41.64 | 49.73 |
| 24 | 10.86 | 13.85 | 36.42 | 42.98 | 51.18 |
| 25 | 11.52 | 14.61 | 37.65 | 44.31 | 52.62 |
| 26 | 12.20 | 15.38 | 38.89 | 45.64 | 54.05 |
|  | | | | | |