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| TTT 0.72 | TCT 0.69 | TAT 0.68 | TGT 0.45 |
| TTC 1.28 | TCC 2.19 | TAC 1.32 | TGC 1.55 |
| TTA 0.68 | TCA 1.82 | TAA 1.71 | TGA 1.77 |
| TTG 0.17 | TCG 0.15 | TAG 1.14 | TGG 0.23 |
| CTT 0.61 | CCT 0.75 | CAT 0.37 | CGT 0.44 |
| CTC 1.56 | CCC 2.17 | CAC 1.63 | CGC 1.65 |
| CTA 2.57 | CCA 0.95 | CAA 1.82 | CGA 1.78 |
| CTG 0.42 | CCG 0.13 | CAG 0.18 | CGG 0.13 |
| ATT 0.78 | ACT 0.59 | AAT 0.39 | AGT 0.3 |
| ATC 1.23 | ACC 1.77 | AAC 1.61 | AGC 0.84 |
| ATA 1.61 | ACA 1.53 | AAA 1.79 | AGA 0.57 |
| ATG 0.39 | ACG 0.11 | AAG 0.21 | AGG 0.57 |
| GTT 0.74 | GCT 0.67 | GAT 0.45 | GGT 0.45 |
| GTC 1.15 | GCC 1.95 | GAC 1.55 | GGC 1.64 |
| GTA 1.68 | GCA 1.25 | GAA 1.45 | GGA 1.26 |
| GTG 0.43 | GCG 0.13 | GAG 0.55 | GGG 0.64 |

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| TTT 0.99 | TCT 1.18 | TAT 0.95 | TGT 0.98 |
| TTC 1.01 | TCC 1.2 | TAC 1.05 | TGC 1.02 |
| TTA 0.54 | TCA 0.99 | TAA 0.83 | TGA 1.51 |
| TTG 0.83 | TCG 0.28 | TAG 0.66 | TGG 1 |
| CTT 0.87 | CCT 1.22 | CAT 0.9 | CGT 0.49 |
| CTC 1.09 | CCC 1.2 | CAC 1.1 | CGC 0.94 |
| CTA 0.46 | CCA 1.19 | CAA 0.57 | CGA 0.69 |
| CTG 2.21 | CCG 0.39 | CAG 1.43 | CGG 1.14 |
| ATT 1.15 | ACT 1.05 | AAT 1.01 | AGT 0.98 |
| ATC 1.29 | ACC 1.31 | AAC 0.99 | AGC 1.37 |
| ATA 0.56 | ACA 1.22 | AAA 0.93 | AGA 1.44 |
| ATG 1 | ACG 0.41 | AAG 1.07 | AGG 1.31 |
| GTT 0.8 | GCT 1.12 | GAT 1 | GGT 0.69 |
| GTC 0.92 | GCC 1.52 | GAC 1 | GGC 1.25 |
| GTA 0.52 | GCA 1.01 | GAA 0.92 | GGA 1.09 |
| GTG 1.76 | GCG 0.35 | GAG 1.08 | GGG 0.97 |