

| | | | | | | | | | | | | |
|--------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--|--|--|
| GCA[A] | 2.094 | 1.637 | 2.228 | 1.522 | 1.623 | 2.324 | 1.798 | 2.044 | 2.100 | 1.642 | 1.792 | 1.610 |
| GCC[A] | 1.972 | 1.616 | 2.239 | 1.465 | 1.635 | 2.146 | 1.743 | 1.926 | 1.953 | 1.758 | 1.906 | 1.777 |
| GCG[A] | 1.906 | 1.517 | 2.323 | 1.476 | 1.558 | 2.177 | 1.738 | 1.933 | 2.031 | 1.628 | 1.787 | 1.602 |
| GCT[A] | 1.902 | 1.672 | 2.080 | 1.520 | 1.692 | 2.096 | 1.722 | 1.891 | 1.954 | 1.689 | 1.778 | 1.700 |
| TGC[C] | 3.025 | 2.408 | 3.229 | 2.182 | 2.490 | 3.064 | 2.683 | 2.782 | 3.012 | 2.284 | 2.502 | 2.248 |
| TGT[C] | 2.755 | 2.504 | 3.196 | 2.250 | 2.501 | 2.785 | 2.388 | 2.715 | 2.691 | 2.207 | 2.408 | 2.068 |
| GAC[D] | 2.488 | 2.098 | 2.659 | 1.915 | 2.111 | 2.632 | 2.108 | 2.346 | 2.386 | 1.960 | 2.109 | 1.907 |
| GAT[D] | 2.801 | 2.510 | 3.140 | 2.281 | 2.559 | 3.090 | 2.523 | 2.789 | 2.832 | 2.301 | 2.527 | 2.246 |
| GAA[E] | 2.247 | 1.681 | 2.166 | 1.764 | 1.758 | 2.180 | 1.753 | 1.908 | 1.961 | 1.636 | 1.759 | 1.614 |
| GAG[E] | 2.562 | 1.986 | 2.589 | 1.987 | 2.030 | 2.558 | 1.975 | 2.214 | 2.293 | 1.851 | 2.026 | 1.801 |
| TTC[F] | 2.132 | 1.749 | 2.225 | 1.647 | 1.725 | 2.124 | 1.872 | 1.999 | 2.045 | 1.648 | 1.771 | 1.613 |
| TTT[F] | 2.427 | 2.009 | 2.691 | 1.913 | 1.975 | 2.480 | 2.065 | 2.297 | 2.341 | 1.894 | 2.041 | 1.825 |
| GGA[G] | 2.907 | 2.286 | 2.919 | 2.196 | 2.302 | 2.980 | 2.266 | 2.620 | 2.686 | 2.126 | 2.290 | 2.045 |
| GGC[G] | 2.450 | 1.978 | 2.566 | 1.997 | 1.970 | 2.479 | 1.942 | 2.230 | 2.347 | 1.912 | 2.040 | 1.773 |
| GGG[G] | 2.470 | 1.908 | 2.546 | 1.874 | 1.895 | 2.475 | 1.830 | 2.110 | 2.228 | 1.765 | 1.906 | 1.618 |
| GGT[G] | 2.127 | 1.842 | 2.180 | 1.768 | 1.852 | 2.201 | 1.791 | 1.948 | 1.992 | 1.721 | 1.843 | 1.698 |
| CAC[H] | 2.137 | 2.079 | 2.774 | 1.855 | 2.058 | 2.819 | 2.294 | 2.501 | 2.744 | 2.243 | 2.229 | 2.071 |
| CAT[H] | 2.664 | 2.453 | 3.224 | 2.187 | 2.619 | 3.123 | 2.613 | 2.980 | 3.067 | 2.495 | 2.560 | 2.277 |
| ATA[I] | 2.281 | 1.742 | 2.692 | 1.610 | 1.693 | 2.560 | 1.922 | 2.157 | 2.339 | 1.768 | 1.830 | 1.587 |
| ATC[I] | 2.017 | 1.664 | 2.177 | 1.648 | 1.649 | 2.120 | 1.833 | 2.096 | 2.110 | 1.719 | 1.749 | 1.609 |
| ATT[I] | 2.155 | 1.748 | 2.275 | 1.719 | 1.771 | 2.248 | 1.885 | 2.046 | 2.110 | 1.723 | 1.821 | 1.630 |
| AAA[K] | 2.458 | 2.015 | 2.595 | 2.058 | 2.104 | 2.582 | 2.140 | 2.417 | 2.470 | 2.149 | 2.298 | 2.018 |
| AAG[K] | 2.133 | 1.814 | 2.219 | 1.736 | 1.811 | 2.191 | 1.838 | 1.978 | 2.009 | 1.719 | 1.858 | 1.649 |
| CTA[L] | 2.222 | 1.863 | 2.576 | 1.770 | 1.880 | 2.544 | 2.018 | 2.305 | 2.353 | 1.891 | 2.061 | 1.831 |
| CTC[L] | 2.511 | 1.903 | 2.861 | 1.831 | 1.976 | 2.773 | 2.217 | 2.442 | 2.675 | 2.163 | 2.170 | 1.988 |
| CTG[L] | 2.359 | 1.895 | 2.676 | 1.778 | 1.964 | 2.738 | 2.136 | 2.253 | 2.419 | 1.979 | 2.118 | 1.969 |
| CTT[L] | 2.675 | 2.190 | 3.099 | 2.026 | 2.162 | 2.901 | 2.276 | 2.692 | 2.753 | 2.129 | 2.333 | 2.072 |
| TTA[L] | 2.239 | 1.864 | 2.492 | 1.769 | 1.891 | 2.424 | 1.952 | 2.191 | 2.324 | 1.801 | 1.950 | 1.743 |
| TTG[L] | 2.181 | 1.781 | 2.242 | 1.780 | 1.829 | 2.171 | 1.838 | 1.993 | 2.059 | 1.713 | 1.817 | 1.671 |
| ATG[M] | 2.339 | 1.970 | 2.584 | 1.890 | 2.103 | 2.570 | 2.093 | 2.379 | 2.480 | 1.996 | 2.175 | 1.896 |
| AAC[N] | 2.601 | 2.322 | 2.872 | 2.047 | 2.306 | 2.690 | 2.278 | 2.635 | 2.652 | 2.113 | 2.293 | 2.052 |
| AAT[N] | 2.897 | 2.658 | 3.325 | 2.371 | 2.644 | 3.254 | 2.670 | 3.007 | 3.044 | 2.396 | 2.596 | 2.285 |
| CCA[P] | 2.735 | 2.387 | 2.905 | 1.991 | 2.278 | 2.750 | 2.291 | 2.591 | 2.685 | 2.183 | 2.312 | 2.144 |
| CCC[P] | 3.013 | 2.505 | 3.378 | 2.064 | 2.421 | 3.210 | 2.577 | 3.054 | 3.159 | 2.537 | 2.726 | 2.400 |
| CCG[P] | 3.783 | 2.987 | 3.687 | 2.507 | 2.880 | 3.706 | 3.083 | 3.419 | 3.635 | 2.939 | 3.254 | 2.756 |
| CCT[P] | 3.157 | 2.848 | 3.688 | 2.362 | 2.747 | 3.523 | 2.863 | 3.221 | 3.370 | 2.760 | 2.988 | 2.700 |
| CAA[Q] | 1.992 | 1.811 | 2.367 | 1.740 | 1.923 | 2.424 | 1.970 | 2.200 | 2.267 | 1.873 | 1.982 | 1.830 |
| CAG[Q] | 2.664 | 2.287 | 3.056 | 2.158 | 2.394 | 3.138 | 2.432 | 2.734 | 2.843 | 2.292 | 2.454 | 2.260 |
| AGA[R] | 2.100 | 1.673 | 2.185 | 1.642 | 1.668 | 2.119 | 1.723 | 1.894 | 1.973 | 1.665 | 1.688 | 1.571 |
| AGG[R] | 2.249 | 1.656 | 2.440 | 1.626 | 1.620 | 2.416 | 1.709 | 1.884 | 2.086 | 1.631 | 1.740 | 1.550 |
| CGA[R] | 3.065 | 2.094 | 3.633 | 2.075 | 2.186 | 3.508 | 3.105 | 3.085 | 3.217 | 2.649 | 2.711 | 2.296 |
| CGC[R] | 2.403 | 1.813 | 2.712 | 1.642 | 1.855 | 2.681 | 1.945 | 2.299 | 2.546 | 1.848 | 2.054 | 1.769 |
| CGG[R] | 3.840 | 3.451 | 4.561 | 2.942 | 3.367 | 4.322 | 3.334 | 3.976 | 4.108 | 3.283 | 3.560 | 2.941 |
| CGT[R] | 1.898 | 1.505 | 1.953 | 1.472 | 1.595 | 2.066 | 1.642 | 1.810 | 1.937 | 1.657 | 1.648 | 1.508 |
| AGC[S] | 2.388 | 1.800 | 2.548 | 1.714 | 1.780 | 2.570 | 1.923 | 2.130 | 2.291 | 1.766 | 1.914 | 1.685 |
| AGT[S] | 2.380 | 1.806 | 2.607 | 1.738 | 1.776 | 2.488 | 1.940 | 2.149 | 2.282 | 1.825 | 1.912 | 1.704 |
| TCA[S] | 2.570 | 2.053 | 2.913 | 1.947 | 2.108 | 2.841 | 2.133 | 2.419 | 2.540 | 2.031 | 2.107 | 1.890 |
| TCC[S] | 2.327 | 1.919 | 2.450 | 1.811 | 1.950 | 2.436 | 2.029 | 2.268 | 2.382 | 1.909 | 2.045 | 1.846 |
| TCG[S] | 2.602 | 2.035 | 2.928 | 2.027 | 2.149 | 2.845 | 2.169 | 2.494 | 2.665 | 2.097 | 2.220 | 1.924 |
| TCT[S] | 2.456 | 2.063 | 2.625 | 1.952 | 2.145 | 2.548 | 2.169 | 2.393 | 2.467 | 2.040 | 2.208 | 1.973 |
| ACA[T] | 2.555 | 2.254 | 2.930 | 1.991 | 2.244 | 2.935 | 2.356 | 2.794 | 2.800 | 2.288 | 2.415 | 2.193 |
| ACC[T] | 2.116 | 1.886 | 2.353 | 1.630 | 1.951 | 2.423 | 1.980 | 2.204 | 2.258 | 1.931 | 2.103 | 1.869 |
| ACG[T] | 2.836 | 2.443 | 3.301 | 2.107 | 2.611 | 3.016 | 2.444 | 2.763 | 2.890 | 2.299 | 2.479 | 2.147 |
| ACT[T] | 2.182 | 1.959 | 2.603 | 1.778 | 2.028 | 2.526 | 2.121 | 2.361 | 2.412 | 2.039 | 2.240 | 1.937 |
| GTA[V] | 2.275 | 1.722 | 2.355 | 1.700 | 1.660 | 2.384 | 1.749 | 2.138 | 2.145 | 1.729 | 1.842 | 1.595 |
| GTC[V] | 1.654 | 1.327 | 1.654 | 1.365 | 1.370 | 1.825 | 1.441 | 1.581 | 1.685 | 1.447 | 1.506 | 1.415 |
| GTG[V] | 2.159 | 1.703 | 2.441 | 1.690 | 1.754 | 2.306 | 1.776 | 2.026 | 2.102 | 1.760 | 1.887 | 1.681 |
| GTT[V] | 1.809 | 1.461 | 1.872 | 1.388 | 1.485 | 1.840 | 1.507 | 1.683 | 1.693 | 1.462 | 1.602 | 1.394 |
| TGG[W] | 2.136 | 1.680 | 2.286 | 1.635 | 1.729 | 2.310 | 1.753 | 1.954 | 2.119 | 1.704 | 1.784 | 1.594 |
| TAC[Y] | 2.313 | 1.641 | 2.293 | 1.663 | 1.735 | 2.187 | 1.903 | 1.988 | 2.123 | 1.717 | 1.758 | 1.623 |
| TAT[Y] | 2.582 | 2.050 | 2.684 | 1.974 | 2.105 | 2.560 | 2.201 | 2.415 | 2.547 | 1.982 | 2.103 | 1.846 |
| | wt_ribo_YPD1_absolute_occupancy | wt_ribo_YPD2_absolute_occupancy | wt_ribo_YPD3_absolute_occupancy | ncs2d_ribo_YPD1_absolute_occupancy | ncs2d_ribo_YPD2_absolute_occupancy | ncs2d_ribo_YPD3_absolute_occupancy | elp6d_ribo_YPD1_absolute_occupancy | elp6d_ribo_YPD2_absolute_occupancy | elp6d_ribo_YPD3_absolute_occupancy | ncs2d_elp6d_ribo_YPD1_absolute_occupancy | ncs2d_elp6d_ribo_YPD2_absolute_occupancy | ncs2d_elp6d_ribo_YPD3_absolute_occupancy |