

GCA[A]	0.545	0.474	0.489	0.517	0.482	0.538	0.539	0.514	0.511	0.500	0.503	0.547
GCC[A]	0.513	0.468	0.491	0.498	0.486	0.496	0.523	0.484	0.475	0.535	0.535	0.604
GCG[A]	0.496	0.440	0.509	0.502	0.463	0.504	0.521	0.486	0.494	0.496	0.502	0.545
GCT[A]	0.495	0.484	0.456	0.517	0.503	0.485	0.516	0.476	0.476	0.514	0.499	0.578
TGC[C]	0.788	0.698	0.708	0.742	0.740	0.709	0.805	0.700	0.733	0.696	0.703	0.764
TGT[C]	0.717	0.726	0.701	0.765	0.743	0.644	0.716	0.683	0.655	0.672	0.676	0.703
GAC[D]	0.648	0.608	0.583	0.651	0.627	0.609	0.632	0.590	0.581	0.597	0.593	0.648
GAT[D]	0.729	0.727	0.689	0.776	0.760	0.715	0.757	0.702	0.689	0.701	0.710	0.764
GAA[E]	0.585	0.487	0.475	0.600	0.522	0.504	0.526	0.480	0.477	0.498	0.494	0.549
GAG[E]	0.667	0.575	0.568	0.675	0.603	0.592	0.593	0.557	0.558	0.564	0.569	0.612
TTC[F]	0.555	0.507	0.488	0.560	0.512	0.491	0.562	0.503	0.498	0.502	0.498	0.548
TTT[F]	0.632	0.582	0.590	0.650	0.587	0.574	0.619	0.578	0.570	0.577	0.573	0.620
GGA[G]	0.757	0.663	0.640	0.746	0.684	0.689	0.680	0.659	0.654	0.648	0.643	0.695
GGC[G]	0.638	0.573	0.563	0.679	0.585	0.574	0.582	0.561	0.571	0.582	0.573	0.603
GGG[G]	0.643	0.553	0.558	0.637	0.563	0.573	0.549	0.531	0.542	0.538	0.535	0.550
GGT[G]	0.554	0.534	0.478	0.601	0.550	0.509	0.537	0.490	0.485	0.524	0.518	0.577
CAC[H]	0.556	0.602	0.608	0.631	0.611	0.652	0.688	0.629	0.668	0.683	0.626	0.704
CAT[H]	0.694	0.711	0.707	0.743	0.778	0.723	0.784	0.750	0.747	0.760	0.719	0.774
ATA[I]	0.594	0.505	0.590	0.547	0.503	0.592	0.577	0.543	0.569	0.538	0.514	0.540
ATC[I]	0.525	0.482	0.477	0.560	0.490	0.490	0.550	0.527	0.514	0.524	0.491	0.547
ATT[I]	0.561	0.507	0.499	0.585	0.526	0.520	0.566	0.515	0.514	0.525	0.512	0.554
AAA[K]	0.640	0.584	0.569	0.700	0.625	0.597	0.642	0.608	0.601	0.655	0.646	0.686
AAG[K]	0.555	0.526	0.487	0.590	0.538	0.507	0.551	0.497	0.489	0.524	0.522	0.561
CTA[L]	0.579	0.540	0.565	0.602	0.558	0.589	0.605	0.580	0.573	0.576	0.579	0.622
CTC[L]	0.654	0.551	0.627	0.622	0.587	0.642	0.665	0.614	0.651	0.659	0.610	0.676
CTG[L]	0.614	0.549	0.587	0.604	0.583	0.634	0.641	0.567	0.589	0.603	0.595	0.669
CTT[L]	0.697	0.634	0.680	0.689	0.642	0.671	0.683	0.677	0.670	0.649	0.655	0.704
TTA[L]	0.583	0.540	0.546	0.601	0.562	0.561	0.586	0.551	0.566	0.548	0.548	0.593
TTG[L]	0.568	0.516	0.492	0.605	0.543	0.502	0.551	0.501	0.501	0.522	0.510	0.568
ATG[M]	0.609	0.571	0.567	0.642	0.625	0.595	0.628	0.598	0.604	0.608	0.611	0.645
AAC[N]	0.677	0.673	0.630	0.696	0.685	0.622	0.683	0.663	0.646	0.644	0.644	0.698
AAT[N]	0.754	0.770	0.729	0.806	0.785	0.753	0.801	0.756	0.741	0.730	0.729	0.777
CCA[P]	0.712	0.692	0.637	0.677	0.676	0.636	0.687	0.652	0.654	0.665	0.649	0.729
CCC[P]	0.785	0.726	0.741	0.702	0.719	0.743	0.773	0.768	0.769	0.773	0.766	0.816
CCG[P]	0.985	0.866	0.808	0.852	0.855	0.858	0.925	0.860	0.885	0.895	0.914	0.937
CCT[P]	0.822	0.825	0.809	0.803	0.816	0.815	0.859	0.810	0.820	0.840	0.839	0.918
CAA[Q]	0.519	0.525	0.519	0.591	0.571	0.561	0.591	0.553	0.552	0.571	0.557	0.622
CAG[Q]	0.694	0.663	0.670	0.734	0.711	0.726	0.730	0.688	0.692	0.698	0.689	0.768
AGA[R]	0.547	0.485	0.479	0.558	0.495	0.490	0.517	0.477	0.480	0.507	0.474	0.534
AGG[R]	0.586	0.480	0.535	0.553	0.481	0.559	0.513	0.474	0.508	0.497	0.489	0.527
CGA[R]	0.798	0.607	0.797	0.706	0.649	0.812	0.931	0.776	0.783	0.807	0.761	0.781
CGC[R]	0.626	0.525	0.595	0.558	0.551	0.620	0.583	0.578	0.620	0.563	0.577	0.601
CGG[R]	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CGT[R]	0.494	0.436	0.428	0.500	0.474	0.478	0.493	0.455	0.472	0.505	0.463	0.513
AGC[S]	0.622	0.522	0.559	0.583	0.529	0.595	0.577	0.536	0.558	0.538	0.538	0.573
AGT[S]	0.620	0.523	0.572	0.591	0.527	0.576	0.582	0.541	0.556	0.556	0.537	0.579
TCA[S]	0.669	0.595	0.639	0.662	0.626	0.657	0.640	0.608	0.618	0.619	0.592	0.643
TCC[S]	0.606	0.556	0.537	0.616	0.579	0.564	0.609	0.570	0.580	0.581	0.575	0.628
TCG[S]	0.678	0.590	0.642	0.689	0.638	0.658	0.651	0.627	0.649	0.639	0.624	0.654
TCT[S]	0.640	0.598	0.576	0.664	0.637	0.590	0.651	0.602	0.601	0.621	0.620	0.671
ACA[T]	0.665	0.653	0.643	0.677	0.666	0.679	0.707	0.703	0.682	0.697	0.678	0.746
ACC[T]	0.551	0.546	0.516	0.554	0.579	0.561	0.594	0.554	0.550	0.588	0.591	0.636
ACG[T]	0.738	0.708	0.724	0.716	0.775	0.698	0.733	0.695	0.704	0.700	0.697	0.730
ACT[T]	0.568	0.568	0.571	0.604	0.602	0.584	0.636	0.594	0.587	0.621	0.629	0.659
GTA[V]	0.592	0.499	0.516	0.578	0.493	0.552	0.525	0.538	0.522	0.527	0.517	0.542
GTC[V]	0.431	0.385	0.363	0.464	0.407	0.422	0.432	0.398	0.410	0.441	0.423	0.481
GTG[V]	0.562	0.493	0.535	0.575	0.521	0.533	0.533	0.510	0.512	0.536	0.530	0.571
GTT[V]	0.471	0.423	0.410	0.472	0.441	0.426	0.452	0.423	0.412	0.445	0.450	0.474
TGG[W]	0.556	0.487	0.501	0.556	0.513	0.534	0.526	0.492	0.516	0.519	0.501	0.542
TAC[Y]	0.602	0.476	0.503	0.565	0.515	0.506	0.571	0.500	0.517	0.523	0.494	0.552
TAT[Y]	0.672	0.594	0.588	0.671	0.625	0.592	0.660	0.607	0.620	0.604	0.591	0.628

