

GCA[A]	0.642	0.705	0.659	0.684	0.659	0.630	0.660	0.623	0.643	0.650	0.665	0.682
GCC[A]	0.570	0.623	0.562	0.591	0.561	0.554	0.570	0.543	0.548	0.602	0.627	0.660
GCG[A]	0.640	0.750	0.657	0.688	0.677	0.672	0.670	0.642	0.644	0.674	0.739	0.714
GCT[A]	0.554	0.591	0.522	0.581	0.532	0.490	0.550	0.500	0.496	0.553	0.573	0.599
TGC[C]	0.778	0.768	0.783	0.778	0.708	0.716	0.712	0.687	0.691	0.722	0.761	0.759
TGT[C]	0.654	0.698	0.628	0.708	0.670	0.588	0.667	0.613	0.597	0.662	0.677	0.654
GAC[D]	0.648	0.643	0.584	0.660	0.601	0.564	0.606	0.582	0.566	0.598	0.636	0.631
GAT[D]	0.718	0.667	0.624	0.717	0.627	0.586	0.619	0.584	0.587	0.595	0.653	0.634
GAA[E]	0.547	0.582	0.511	0.617	0.546	0.507	0.536	0.513	0.500	0.538	0.564	0.558
GAG[E]	0.648	0.621	0.594	0.643	0.581	0.550	0.575	0.548	0.549	0.567	0.605	0.592
TTC[F]	0.570	0.607	0.553	0.599	0.586	0.518	0.594	0.557	0.550	0.579	0.597	0.593
TTT[F]	0.653	0.697	0.670	0.693	0.654	0.609	0.656	0.628	0.618	0.639	0.665	0.658
GGA[G]	0.725	0.713	0.655	0.752	0.655	0.631	0.648	0.612	0.636	0.639	0.677	0.675
GGC[G]	0.630	0.638	0.598	0.629	0.612	0.577	0.591	0.573	0.558	0.609	0.636	0.638
GGG[G]	0.634	0.679	0.659	0.700	0.601	0.587	0.606	0.601	0.582	0.609	0.648	0.633
GGT[G]	0.530	0.544	0.488	0.582	0.501	0.469	0.496	0.466	0.452	0.506	0.550	0.559
CAC[H]	0.660	0.693	0.646	0.685	0.662	0.611	0.675	0.651	0.632	0.673	0.693	0.710
CAT[H]	0.766	0.733	0.673	0.752	0.696	0.647	0.697	0.668	0.676	0.666	0.694	0.700
ATA[I]	0.751	0.792	0.804	0.746	0.744	0.708	0.746	0.724	0.714	0.720	0.763	0.717
ATC[I]	0.578	0.626	0.579	0.596	0.576	0.524	0.570	0.557	0.533	0.564	0.591	0.573
ATT[I]	0.582	0.603	0.558	0.616	0.580	0.522	0.571	0.549	0.529	0.560	0.597	0.579
AAA[K]	0.634	0.618	0.581	0.699	0.632	0.580	0.627	0.603	0.588	0.647	0.690	0.670
AAG[K]	0.552	0.562	0.500	0.613	0.549	0.475	0.517	0.501	0.471	0.524	0.551	0.532
CTA[L]	0.664	0.701	0.669	0.692	0.648	0.643	0.693	0.661	0.666	0.662	0.720	0.691
CTC[L]	0.775	0.885	0.840	0.807	0.816	0.765	0.833	0.790	0.799	0.824	0.902	0.848
CTG[L]	0.726	0.799	0.737	0.747	0.742	0.715	0.726	0.703	0.680	0.721	0.757	0.736
CTT[L]	0.799	0.802	0.748	0.800	0.762	0.679	0.746	0.704	0.708	0.738	0.757	0.761
TTA[L]	0.635	0.677	0.647	0.684	0.636	0.584	0.660	0.614	0.600	0.628	0.666	0.636
TTG[L]	0.579	0.610	0.540	0.621	0.576	0.510	0.564	0.520	0.513	0.557	0.599	0.587
ATG[M]	0.680	0.696	0.650	0.694	0.652	0.606	0.641	0.593	0.631	0.618	0.662	0.644
AAC[N]	0.643	0.609	0.588	0.661	0.591	0.551	0.597	0.564	0.560	0.586	0.608	0.600
AAT[N]	0.719	0.656	0.649	0.710	0.633	0.607	0.629	0.628	0.611	0.597	0.636	0.614
CCA[P]	0.650	0.605	0.574	0.626	0.569	0.558	0.600	0.575	0.564	0.606	0.621	0.631
CCC[P]	0.781	0.746	0.725	0.744	0.700	0.709	0.724	0.699	0.724	0.738	0.766	0.778
CCG[P]	0.916	0.842	0.807	0.810	0.764	0.775	0.791	0.828	0.792	0.840	0.842	0.864
CCT[P]	0.792	0.701	0.683	0.725	0.671	0.663	0.704	0.637	0.636	0.687	0.730	0.728
CAA[Q]	0.632	0.664	0.588	0.700	0.648	0.592	0.661	0.623	0.605	0.653	0.653	0.676
CAG[Q]	0.763	0.748	0.704	0.782	0.703	0.689	0.722	0.680	0.651	0.684	0.713	0.712
AGA[R]	0.541	0.581	0.520	0.616	0.559	0.517	0.557	0.523	0.502	0.549	0.570	0.568
AGG[R]	0.668	0.698	0.669	0.711	0.663	0.655	0.675	0.642	0.662	0.653	0.699	0.667
CGA[R]	0.913	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CGC[R]	0.682	0.841	0.772	0.697	0.761	0.779	0.738	0.692	0.784	0.803	0.798	0.888
CGG[R]	1.000	0.929	0.906	0.928	0.829	0.820	0.796	0.790	0.817	0.807	0.841	0.863
CGT[R]	0.541	0.573	0.531	0.606	0.565	0.526	0.560	0.503	0.507	0.575	0.586	0.573
AGC[S]	0.702	0.716	0.718	0.695	0.700	0.695	0.707	0.709	0.682	0.695	0.741	0.688
AGT[S]	0.671	0.689	0.685	0.698	0.674	0.639	0.652	0.631	0.646	0.628	0.693	0.673
TCA[S]	0.738	0.738	0.716	0.725	0.700	0.654	0.722	0.706	0.675	0.674	0.698	0.705
TCC[S]	0.587	0.617	0.580	0.598	0.570	0.532	0.608	0.566	0.566	0.594	0.627	0.628
TCG[S]	0.737	0.763	0.723	0.731	0.698	0.671	0.730	0.674	0.684	0.679	0.718	0.698
TCT[S]	0.627	0.628	0.589	0.636	0.589	0.543	0.609	0.574	0.557	0.592	0.615	0.619
ACA[T]	0.736	0.731	0.690	0.716	0.695	0.662	0.683	0.672	0.667	0.661	0.688	0.683
ACC[T]	0.622	0.623	0.565	0.615	0.577	0.520	0.584	0.569	0.547	0.582	0.632	0.624
ACG[T]	0.805	0.757	0.708	0.743	0.689	0.650	0.675	0.681	0.673	0.651	0.718	0.681
ACT[T]	0.643	0.639	0.575	0.637	0.597	0.547	0.609	0.581	0.566	0.598	0.628	0.624
GTA[V]	0.642	0.675	0.655	0.661	0.617	0.628	0.649	0.611	0.640	0.651	0.674	0.639
GTC[V]	0.471	0.558	0.492	0.550	0.515	0.481	0.522	0.485	0.493	0.528	0.551	0.547
GTG[V]	0.610	0.625	0.614	0.612	0.573	0.581	0.591	0.569	0.557	0.585	0.627	0.605
GTT[V]	0.497	0.561	0.521	0.555	0.520	0.490	0.529	0.489	0.489	0.522	0.539	0.541
TGG[W]	0.609	0.696	0.652	0.679	0.666	0.608	0.628	0.607	0.581	0.638	0.668	0.657
TAC[Y]	0.585	0.626	0.598	0.634	0.592	0.586	0.635	0.617	0.579	0.640	0.641	0.656
TAT[Y]	0.647	0.652	0.615	0.705	0.617	0.583	0.629	0.595	0.602	0.601	0.642	0.606

