

GCA[A]	0.699	0.756	0.682	0.764	0.770	0.695	0.699	0.701	0.739	0.710	0.702	0.686
GCC[A]	0.578	0.667	0.612	0.659	0.668	0.621	0.640	0.621	0.640	0.667	0.673	0.698
GCG[A]	0.646	0.676	0.638	0.685	0.659	0.638	0.651	0.649	0.644	0.626	0.623	0.620
GCT[A]	0.556	0.641	0.579	0.644	0.639	0.572	0.615	0.583	0.609	0.606	0.642	0.629
TGC[C]	0.830	0.910	0.894	0.875	0.852	0.827	0.871	0.899	0.842	0.810	0.884	0.843
TGT[C]	0.661	0.801	0.760	0.730	0.731	0.790	0.785	0.720	0.788	0.709	0.751	0.777
GAC[D]	0.696	0.815	0.740	0.791	0.819	0.721	0.783	0.747	0.789	0.747	0.761	0.766
GAT[D]	0.753	0.873	0.832	0.847	0.864	0.794	0.846	0.807	0.828	0.794	0.822	0.838
GAA[E]	0.727	0.883	0.747	0.916	0.924	0.777	0.819	0.791	0.782	0.806	0.838	0.829
GAG[E]	0.794	0.939	0.848	0.947	0.970	0.865	0.862	0.833	0.837	0.820	0.849	0.863
TTC[F]	0.682	0.734	0.663	0.750	0.729	0.618	0.681	0.672	0.674	0.664	0.681	0.676
TTT[F]	0.779	0.787	0.746	0.819	0.786	0.705	0.763	0.746	0.740	0.715	0.737	0.717
GGA[G]	0.818	0.953	0.877	0.892	0.906	0.833	0.854	0.822	0.876	0.808	0.842	0.831
GGC[G]	0.733	0.869	0.826	0.784	0.840	0.761	0.795	0.783	0.798	0.789	0.807	0.787
GGG[G]	0.763	0.900	0.805	0.866	0.884	0.792	0.792	0.778	0.783	0.765	0.776	0.786
GGT[G]	0.572	0.714	0.606	0.685	0.677	0.601	0.643	0.601	0.607	0.618	0.644	0.658
CAC[H]	0.566	0.545	0.535	0.521	0.488	0.512	0.554	0.480	0.542	0.489	0.493	0.521
CAT[H]	0.645	0.618	0.654	0.625	0.581	0.628	0.656	0.625	0.675	0.632	0.598	0.601
ATA[I]	0.884	0.869	0.842	0.943	0.897	0.851	0.835	0.859	0.866	0.787	0.809	0.762
ATC[I]	0.717	0.782	0.676	0.817	0.790	0.675	0.724	0.710	0.714	0.696	0.713	0.728
ATT[I]	0.753	0.817	0.727	0.853	0.822	0.708	0.765	0.744	0.748	0.722	0.728	0.761
AAA[K]	0.777	0.897	0.794	1.000	0.994	0.878	0.925	0.897	0.886	0.941	0.931	0.948
AAG[K]	0.651	0.774	0.667	0.777	0.754	0.649	0.701	0.671	0.675	0.663	0.665	0.686
CTA[L]	0.778	0.827	0.772	0.844	0.832	0.771	0.789	0.790	0.785	0.759	0.772	0.761
CTC[L]	1.000	0.954	0.911	0.942	0.972	0.921	0.910	0.901	0.963	0.879	0.888	0.871
CTG[L]	0.815	0.830	0.791	0.846	0.853	0.781	0.803	0.788	0.819	0.792	0.796	0.781
CTT[L]	0.836	0.870	0.860	0.900	0.847	0.823	0.828	0.855	0.844	0.801	0.836	0.807
TTA[L]	0.791	0.887	0.791	0.900	0.893	0.751	0.855	0.829	0.838	0.793	0.811	0.797
TTG[L]	0.729	0.832	0.711	0.852	0.821	0.672	0.752	0.710	0.717	0.708	0.721	0.750
ATG[M]	0.711	0.762	0.730	0.797	0.785	0.744	0.734	0.730	0.744	0.695	0.709	0.724
AAC[N]	0.710	0.790	0.739	0.761	0.768	0.715	0.769	0.715	0.774	0.710	0.751	0.760
AAT[N]	0.793	0.863	0.845	0.852	0.851	0.800	0.840	0.835	0.834	0.781	0.806	0.792
CCA[P]	0.760	0.877	0.778	0.832	0.835	0.753	0.814	0.791	0.809	0.813	0.809	0.821
CCC[P]	0.782	0.796	0.797	0.746	0.757	0.803	0.777	0.783	0.845	0.800	0.781	0.778
CCG[P]	0.895	1.000	1.000	0.907	1.000	0.982	1.000	1.000	1.000	1.000	1.000	1.000
CCT[P]	0.720	0.803	0.814	0.736	0.752	0.779	0.767	0.767	0.790	0.796	0.817	0.808
CAA[Q]	0.601	0.607	0.569	0.680	0.668	0.635	0.644	0.641	0.662	0.665	0.638	0.654
CAG[Q]	0.771	0.815	0.782	0.851	0.850	0.824	0.798	0.804	0.831	0.799	0.805	0.808
AGA[R]	0.705	0.796	0.700	0.821	0.785	0.665	0.696	0.687	0.691	0.677	0.686	0.695
AGG[R]	0.809	0.882	0.799	0.899	0.909	0.797	0.814	0.838	0.841	0.764	0.802	0.757
CGA[R]	0.940	0.946	0.922	0.887	0.864	1.000	0.848	0.832	0.887	0.788	0.844	0.803
CGC[R]	0.769	0.839	0.811	0.826	0.807	0.814	0.783	0.770	0.809	0.737	0.809	0.806
CGG[R]	0.925	0.904	0.945	0.825	0.808	0.864	0.887	0.908	0.863	0.809	0.790	0.817
CGT[R]	0.598	0.605	0.526	0.681	0.625	0.562	0.562	0.584	0.571	0.564	0.555	0.552
AGC[S]	0.805	0.854	0.806	0.869	0.891	0.798	0.796	0.826	0.835	0.791	0.831	0.787
AGT[S]	0.800	0.864	0.837	0.887	0.868	0.799	0.824	0.845	0.869	0.797	0.827	0.795
TCA[S]	0.843	0.905	0.841	0.868	0.899	0.830	0.867	0.851	0.895	0.828	0.816	0.813
TCC[S]	0.743	0.812	0.761	0.763	0.789	0.710	0.794	0.760	0.775	0.765	0.766	0.799
TCG[S]	0.822	0.861	0.845	0.892	0.866	0.830	0.847	0.837	0.875	0.821	0.844	0.829
TCT[S]	0.757	0.830	0.776	0.798	0.812	0.725	0.803	0.769	0.783	0.776	0.795	0.788
ACA[T]	0.743	0.728	0.773	0.733	0.717	0.714	0.741	0.740	0.744	0.710	0.703	0.732
ACC[T]	0.613	0.632	0.589	0.616	0.628	0.599	0.639	0.632	0.630	0.620	0.631	0.634
ACG[T]	0.787	0.861	0.854	0.857	0.860	0.847	0.837	0.811	0.881	0.809	0.816	0.797
ACT[T]	0.611	0.633	0.636	0.646	0.647	0.610	0.661	0.641	0.653	0.633	0.655	0.649
GTA[V]	0.790	0.875	0.833	0.903	0.902	0.779	0.847	0.847	0.826	0.769	0.795	0.758
GTC[V]	0.586	0.643	0.541	0.678	0.656	0.544	0.605	0.579	0.571	0.601	0.597	0.624
GTG[V]	0.682	0.753	0.697	0.789	0.776	0.705	0.731	0.698	0.707	0.686	0.719	0.707
GTT[V]	0.606	0.683	0.601	0.717	0.717	0.593	0.644	0.614	0.639	0.618	0.627	0.659
TGG[W]	0.676	0.672	0.622	0.708	0.716	0.656	0.652	0.602	0.650	0.609	0.655	0.628
TAC[Y]	0.803	0.910	0.805	0.902	0.926	0.773	0.823	0.831	0.829	0.814	0.836	0.833
TAT[Y]	0.891	0.993	0.914	0.989	0.999	0.857	0.913	0.917	0.907	0.864	0.911	0.870

