

**Table S2** Statistics of Orthograph results for all species of the data analysis. Given are the (a) number of hits (number of protein sequences in each species), the (b) absolute number of aa sites (including ambiguous sites) for all hits of each species, the (c) number of ambiguous sites (X and Y), the (d) NSI statistic for protein hits, the average, maximum, minimum, and median length of protein hits, and the number of single-copy genes targeted by DNA

[illegible]