

Fig. 1. Genome-scale phylogeny of birds.

The dated TENT inferred with ExaML. Branch colors denote well-supported clades in this and other analyses. All BS values are 100% except where noted. Names on branches denote orders (-iformes) and English group terms (in parentheses); drawings are of the specific species sequenced (names in table S1 and fig. S1). Order names are according to (36, 37) (SM6). To the right are superorder (-imorphae) and higher unranked names. In some groups, more than one species was sequenced, and these branches have been collapsed (noncollapsed version in fig. S1). Text color denotes groups of species with broadly shared traits, whether by homology or convergence. The arrow indicates the K-Pg boundary at 66 Ma, with the Cretaceous period shaded at left. The gray dashed line represents the approximate end time (50 Ma) by which nearly all neoavian orders diverged. Horizontal gray bars on each node indicate the 95% credible interval of divergence time in millions of years.

