Supplemental item titles and legends for items not included in the main

supplemental PDF

Data S1. Additional Information on Genomic Features of Parrot Genomes. Related to STAR Methods.

Excel table containing nine tabs describing: (A) Gene predictions: gene predictions for *Amazona aestiva* with orthology information from other avian species; (B) MiRNAs: predicted microRNAs for *Amazona aestiva* with orthology information from other avian species; (C) Microsatellites: microsatellite loci and primers for use in population genetics studies of *Amazona aestiva*; (D) dn/ds analysis: complete list of genes with significantly differential rates of evolution in high-longevity birds versus regular-longevity birds; (E) Positive selection analysis: genes containing positively selected sites in the longevity analysis of avian species; (F) Parrot novel paralogs: novel genes shared broadly across parrots; (G) Parrot gene expansions: novel gene family expansions unique to parrots that have undergone multiple rounds of duplication; (H) Parrot *de novo* novel genes: list of parrot gene predictions with no evidence of an ortholog in non-parrot species; (I) *Amazon* novel genes: gene duplications, expansions, and *de novo* novel gene predictions unique to *Amazona aestiva*.