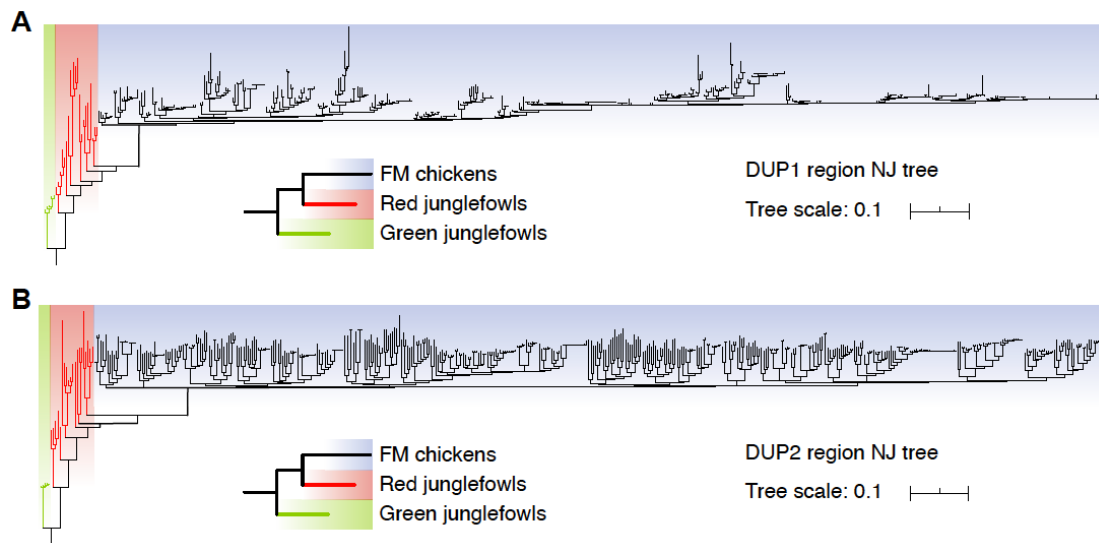


Supplementary figures



Supplementary Fig. 1: Phylogenetic analysis of the *FM* locus.

A Phylogenetic tree of the DUP1 region. Short branch lengths for most individuals indicate a high level of genetic identity, with some longer branch lengths likely resulting from limited recombination events. Different clades are highlighted with background colors: green for the outgroup, green junglefowls ($FM*N/N$), red for red junglefowls ($FM*N/N$), blue for FM chickens ($FM*FM/FM$). **B** Phylogenetic tree of the DUP2 region. Normal branch lengths are observed in the DUP2 region, contrasting with the shorter branch lengths seen in the DUP1 region, consistent with the FM-2 configuration in Fig. 1A.