Widespread variation of inherited retroviruses among Darwin's finches

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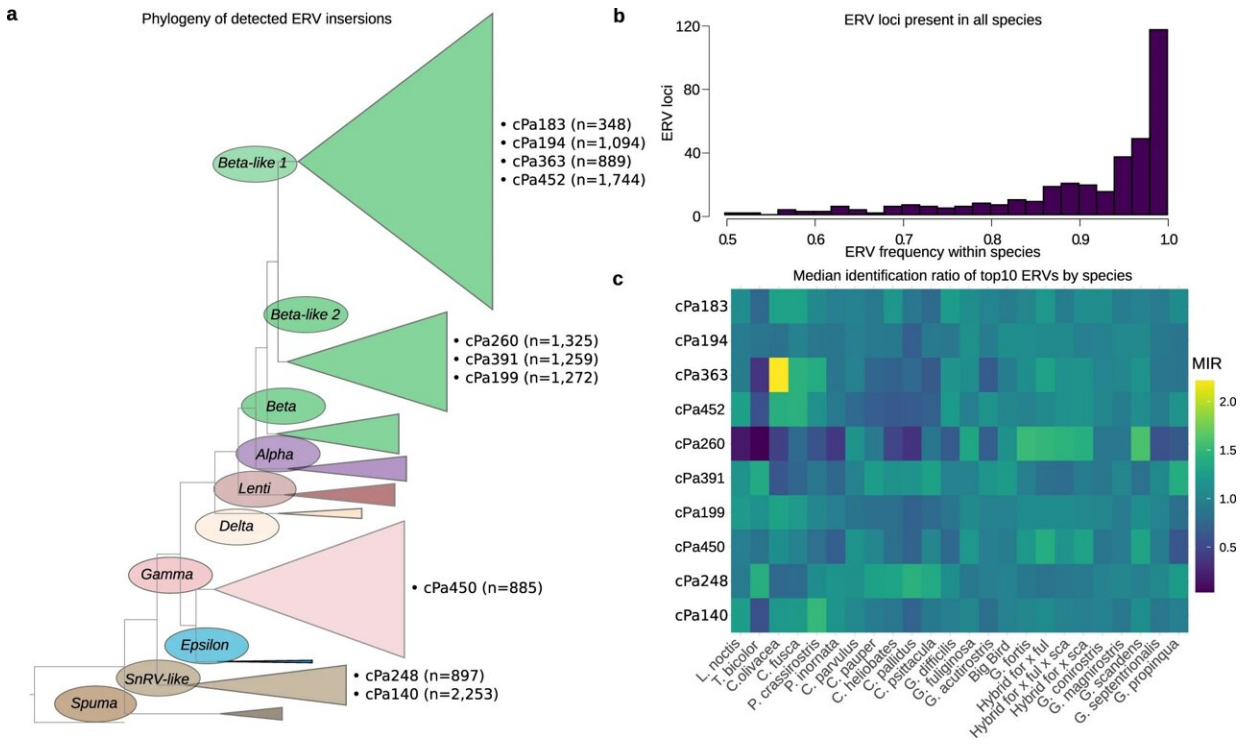

ERV phylogeny and heatmap. a Phylogeny of ERVs from the genome assembly together with retrovirus- and ERV-reference sequences establish evolutionary relationships and facilitate construction of a curated ERV mapping library to match unassembled short read sequences for ERV localizations along host DNA. Full phylogenetic tree is available in Supplementary Data 2. b Frequency histogram of ERVs at loci that contain at least one ERV identification in all species. Loci that fit this criterion are assumed to pre-date Darwin's finch speciation and are therefore expected to be fixed in all populations. Observed frequencies