A map of a desert with a map of land and a map of land

AI-generated content may be incorrect.**a**

**Figure 2:** PCoA dissimilarity plots of semantic similarity for FDR-corrected overrepresented GO terms in northern cardinals for A. the full list of candidate genes identified by either FST or RAiSD analyses, B. only genes identified by FST, and C. only genes identified by RAiSD.

A diagram of a cell organ

AI-generated content may be incorrect.

**Figure 3:** PCoA dissimilarity plots of semantic similarity for FDR-corrected overrepresented GO terms in pyrrhuloxia for A. genes identified by FST and B. genes identified by RAiSD. Analyses of the full list of candidate genes identified by either FST or RAiSD analyses revealed no significantly overrepresented GO terms.

A diagram of a diagram

AI-generated content may be incorrect.

**Figure 4.** Evidence of parallel evolution across cardinals and other avian taxa. A. Venn diagrams of genes identified in either cardinal species by FST or RAiSD analyses, B. Venn diagrams of genes identified in northern cardinals, pyrrhuloxia, burrowing owls, and great tits, and C. PCoA dissimilarity plots of semantic similarity for FDR-corrected overrepresented GO terms of the list of genes found to be present in one of either cardinal species and at least one of the other two species (burrowing owls or great tits).

