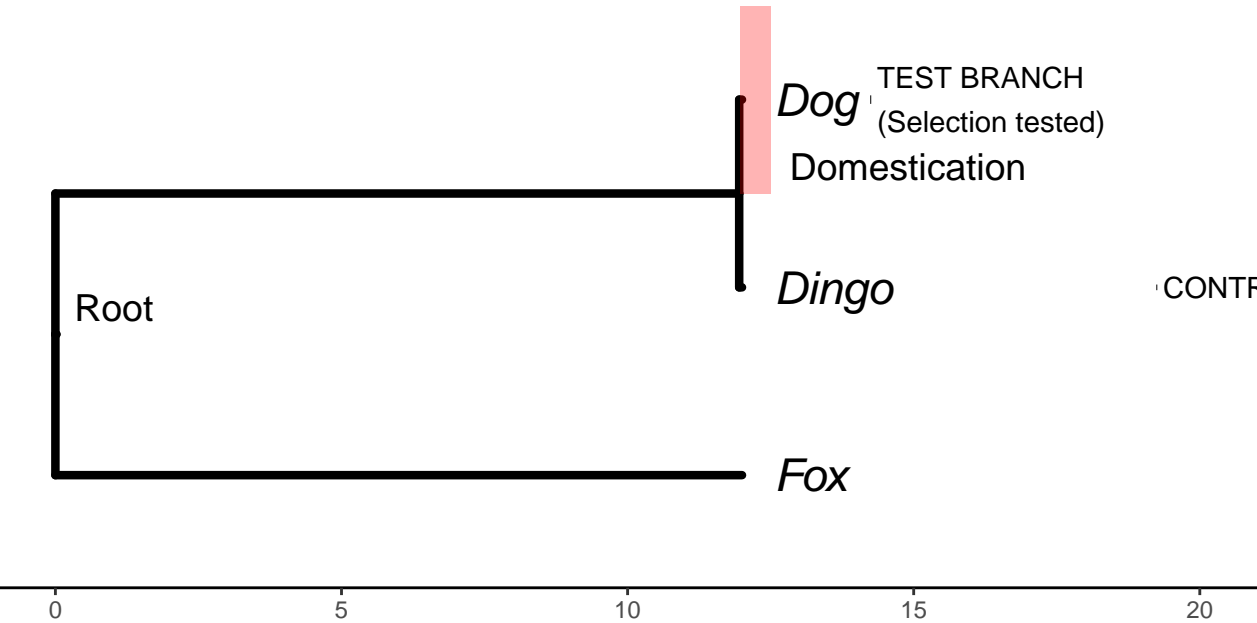


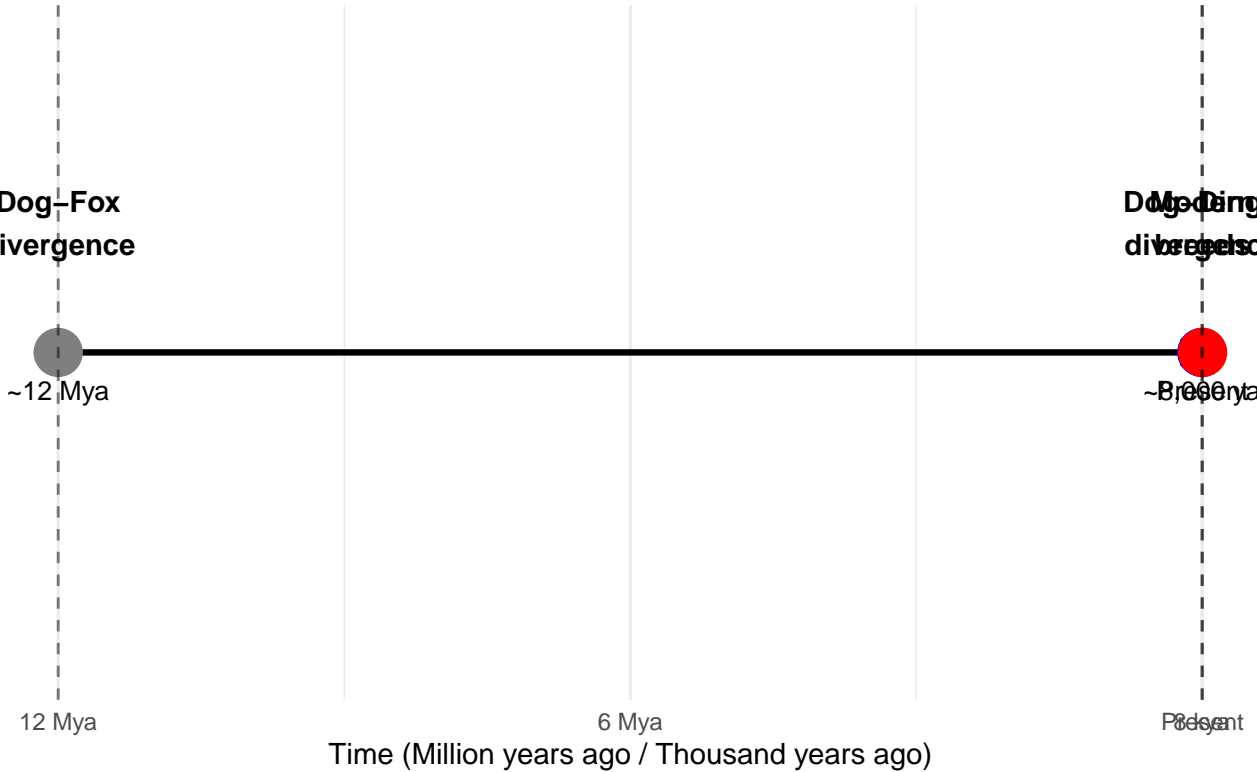
Figure 1: Study Design and Three–Species Phylogenetic Approach

Isolating domestication–specific selection in modern dog breeds

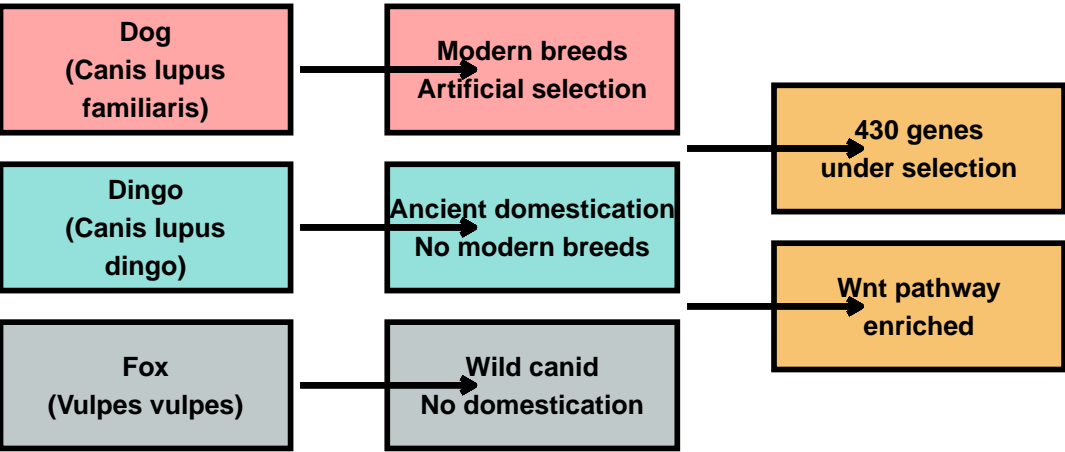
Three–Species Phylogenetic Design



Evolutionary Timeline



Study Design Overview



Key Results Summary

Genes analyzed: 17,046
Dog–specific selected: 430 (2.5%)
Annotation success: 337 (78.4%)
Wnt pathway enrichment: p = 0.041
Tier 1 validation genes: 6 genes

(A) Phylogenetic tree showing three–species design. Dog branch (red) is the test branch where selection is tested.  
(B) Evolutionary timeline from dog–fox divergence (~12 Mya) to present.  
(C) Study design schematic showing species, selective pressures, and key findings.  
(D) Summary of key statistical results.