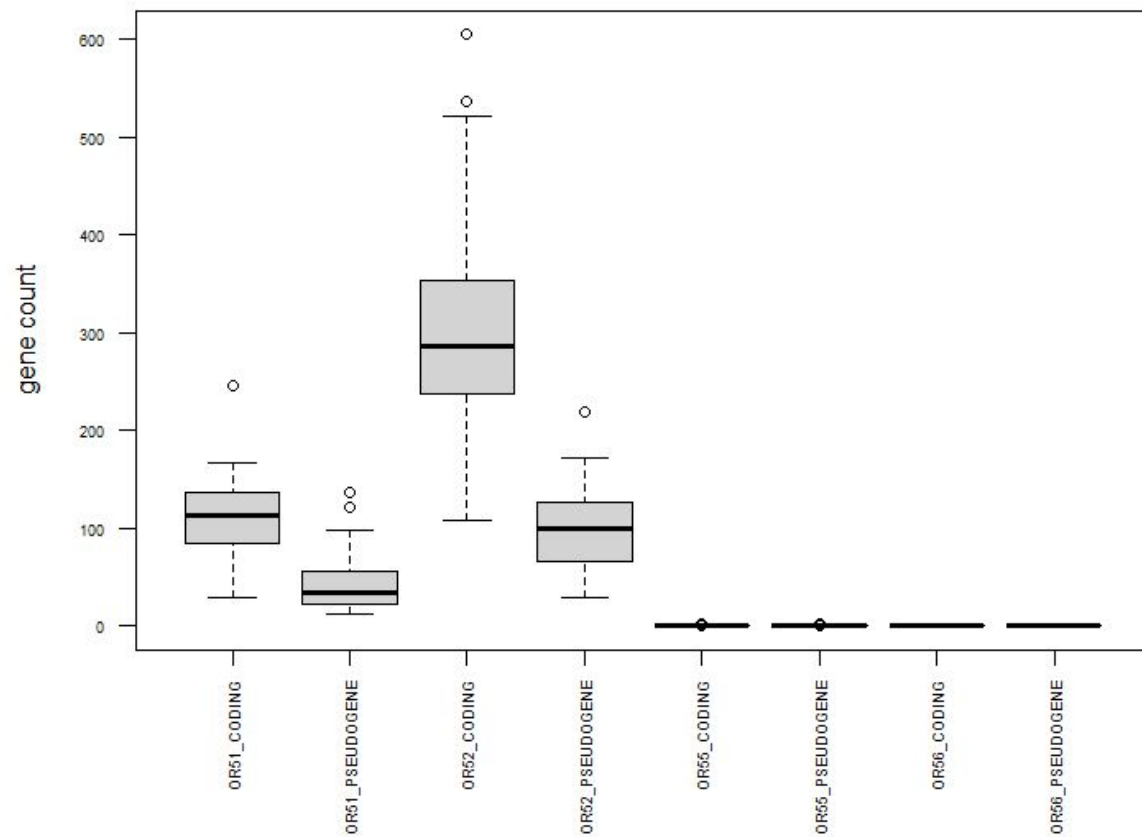


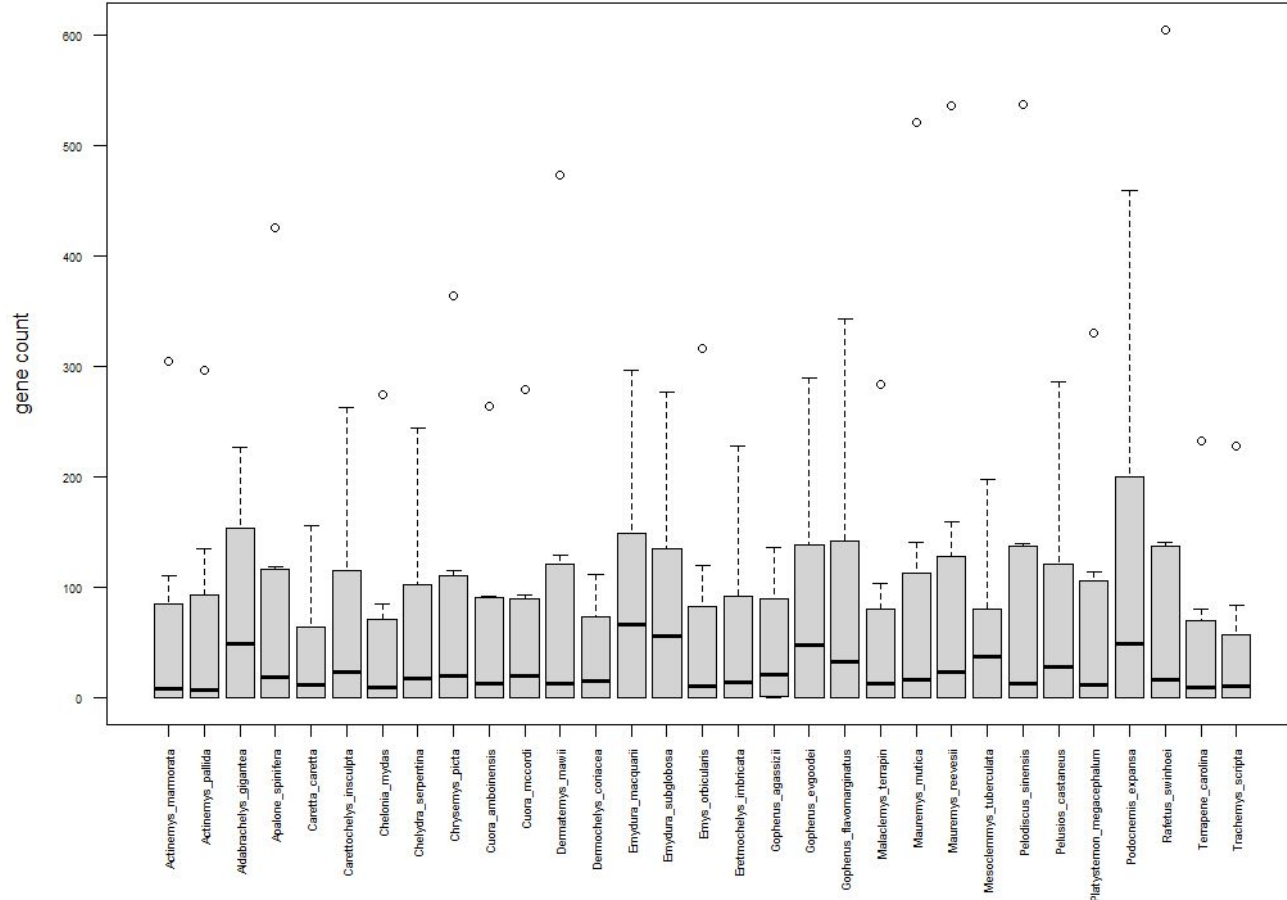
Graphs added 2/13/25

Before fully updated counts and tree data

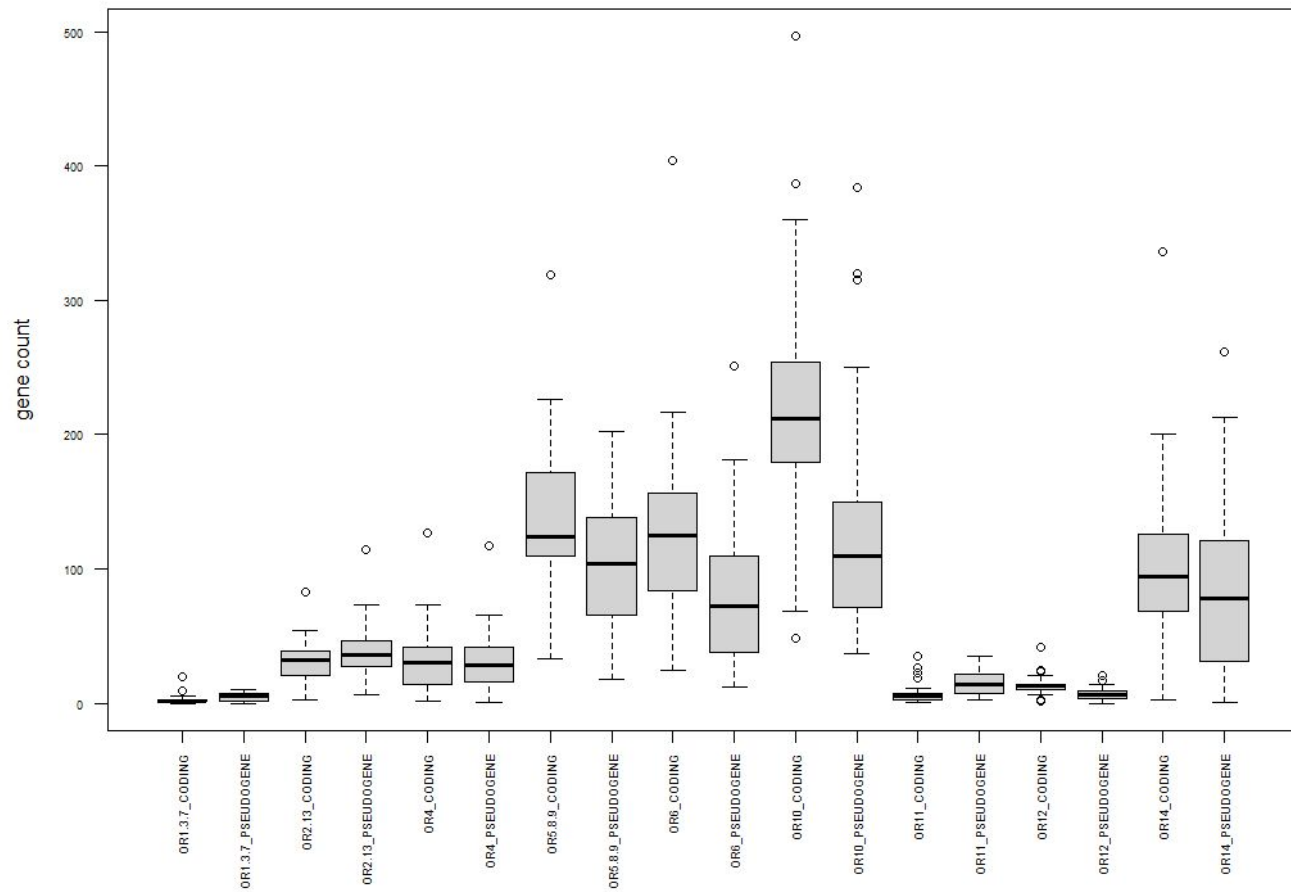
OR Class 1 Gene Families



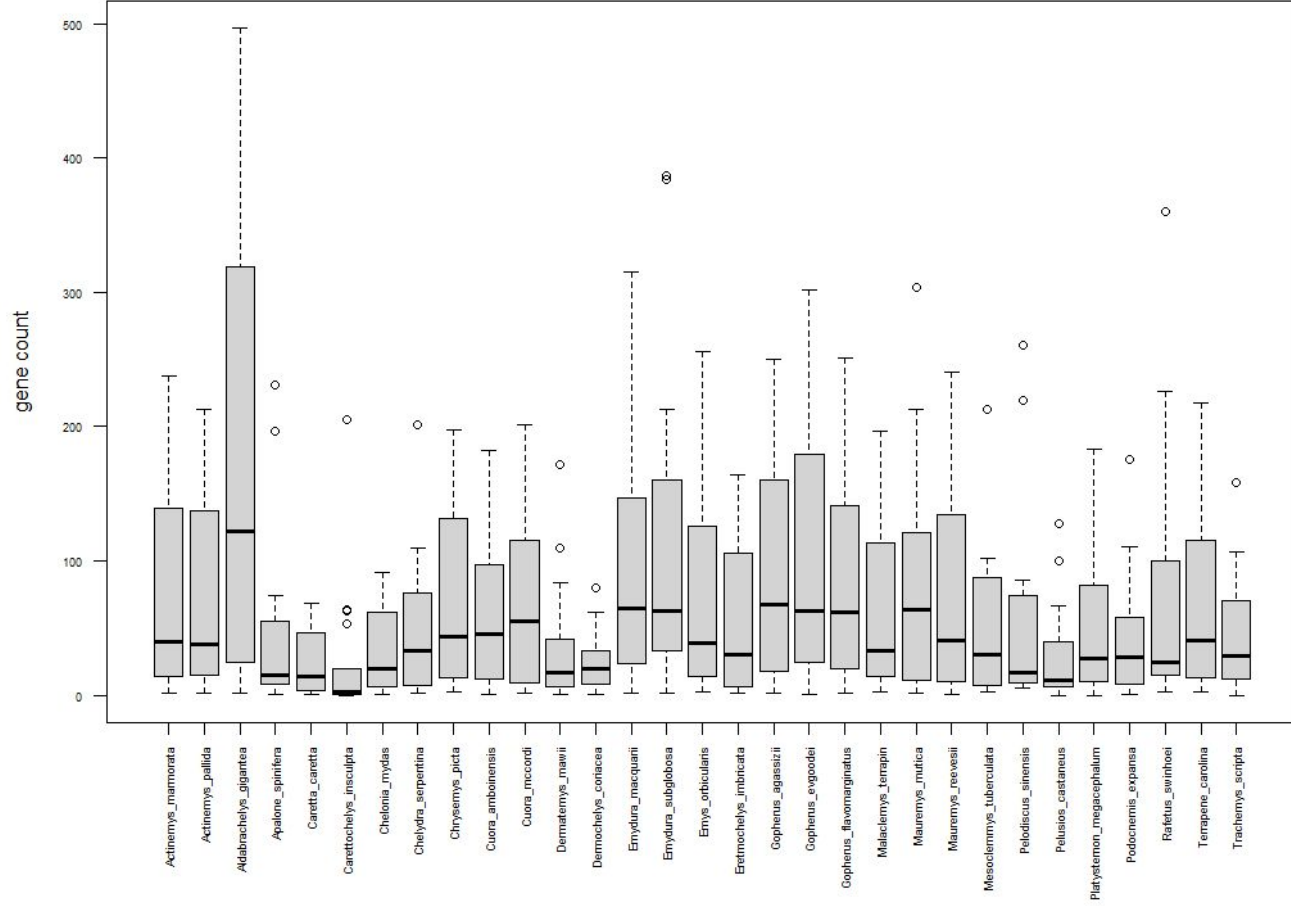
OR Class 1 Gene Families



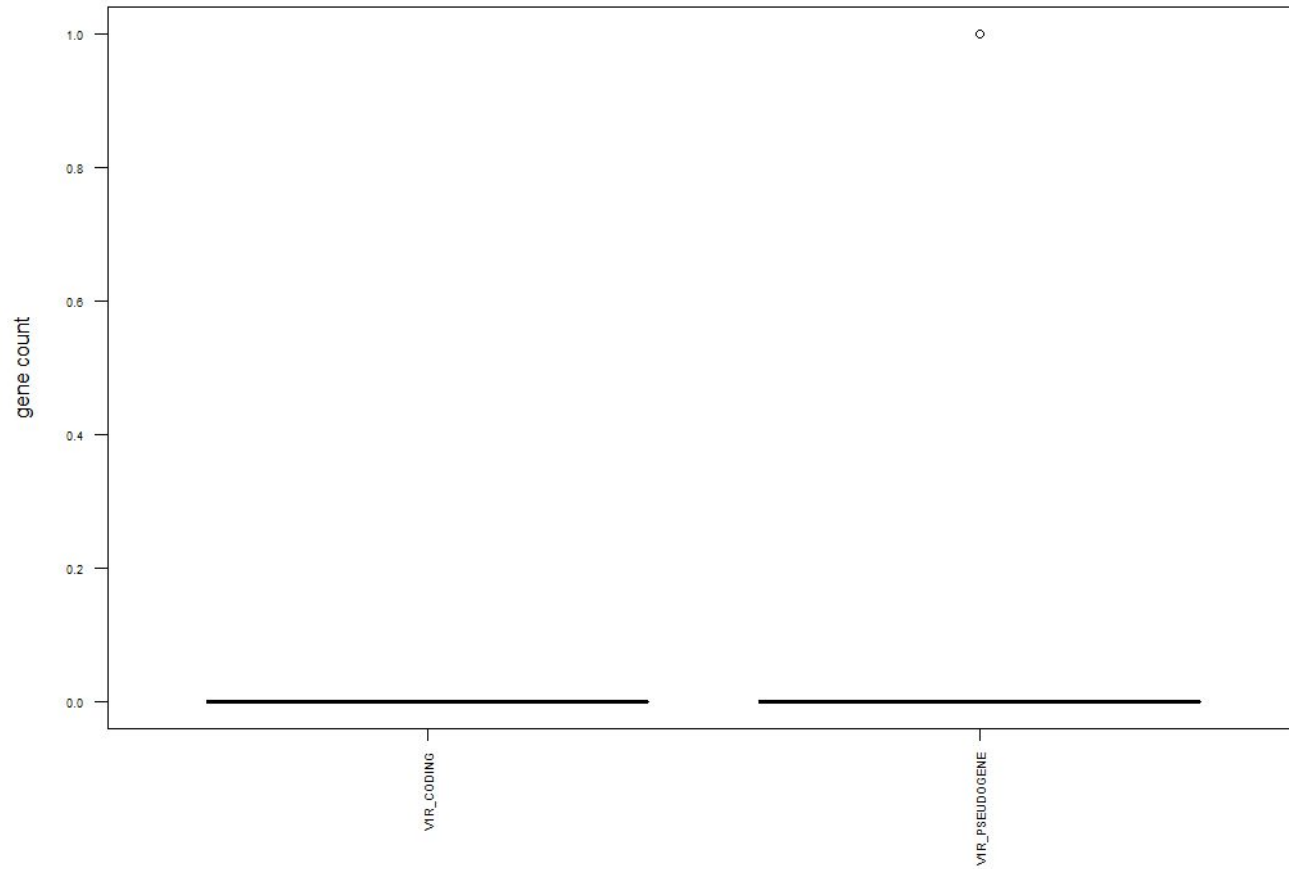
OR Class 2 Gene Families



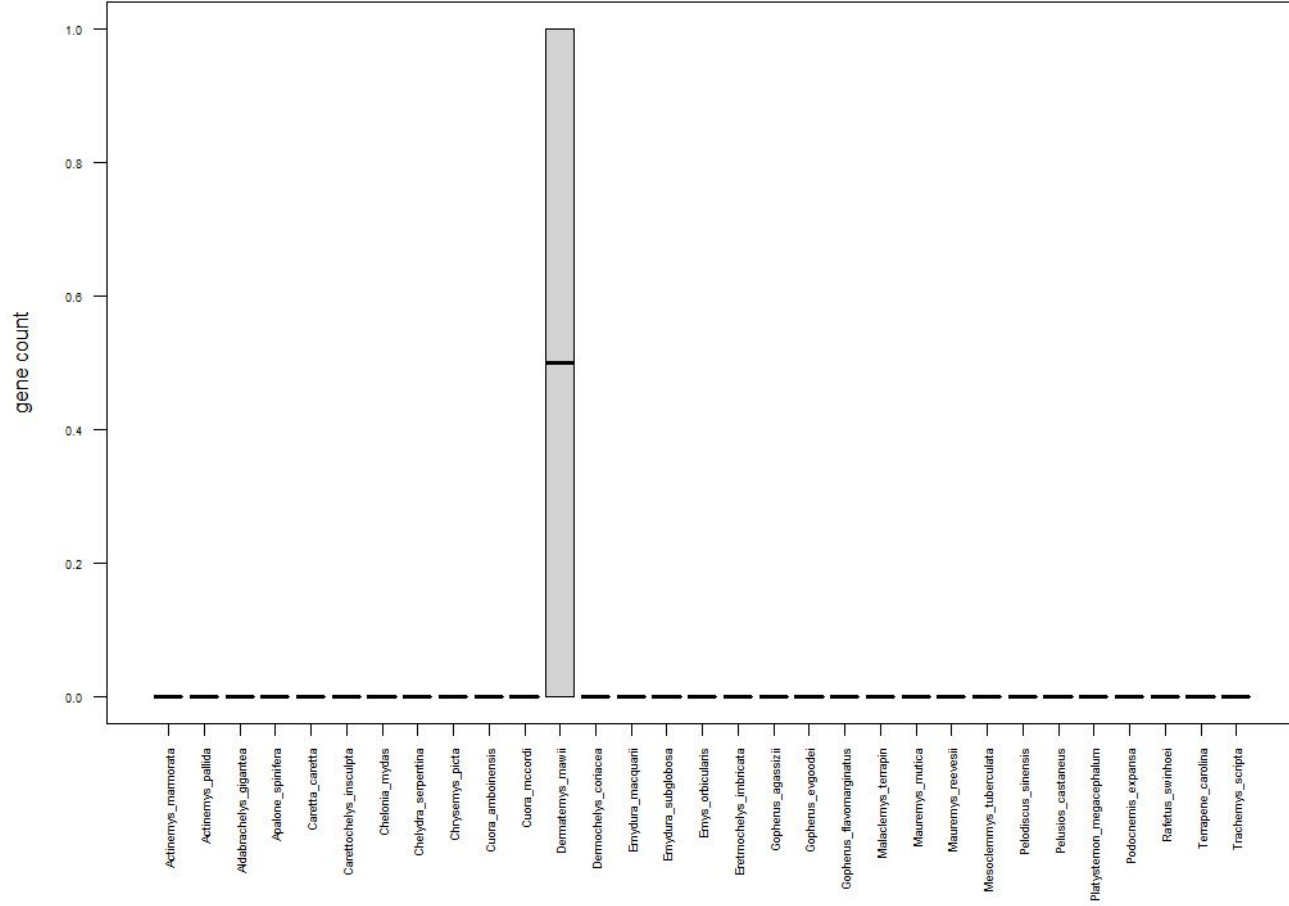
OR Class 2 Gene Families



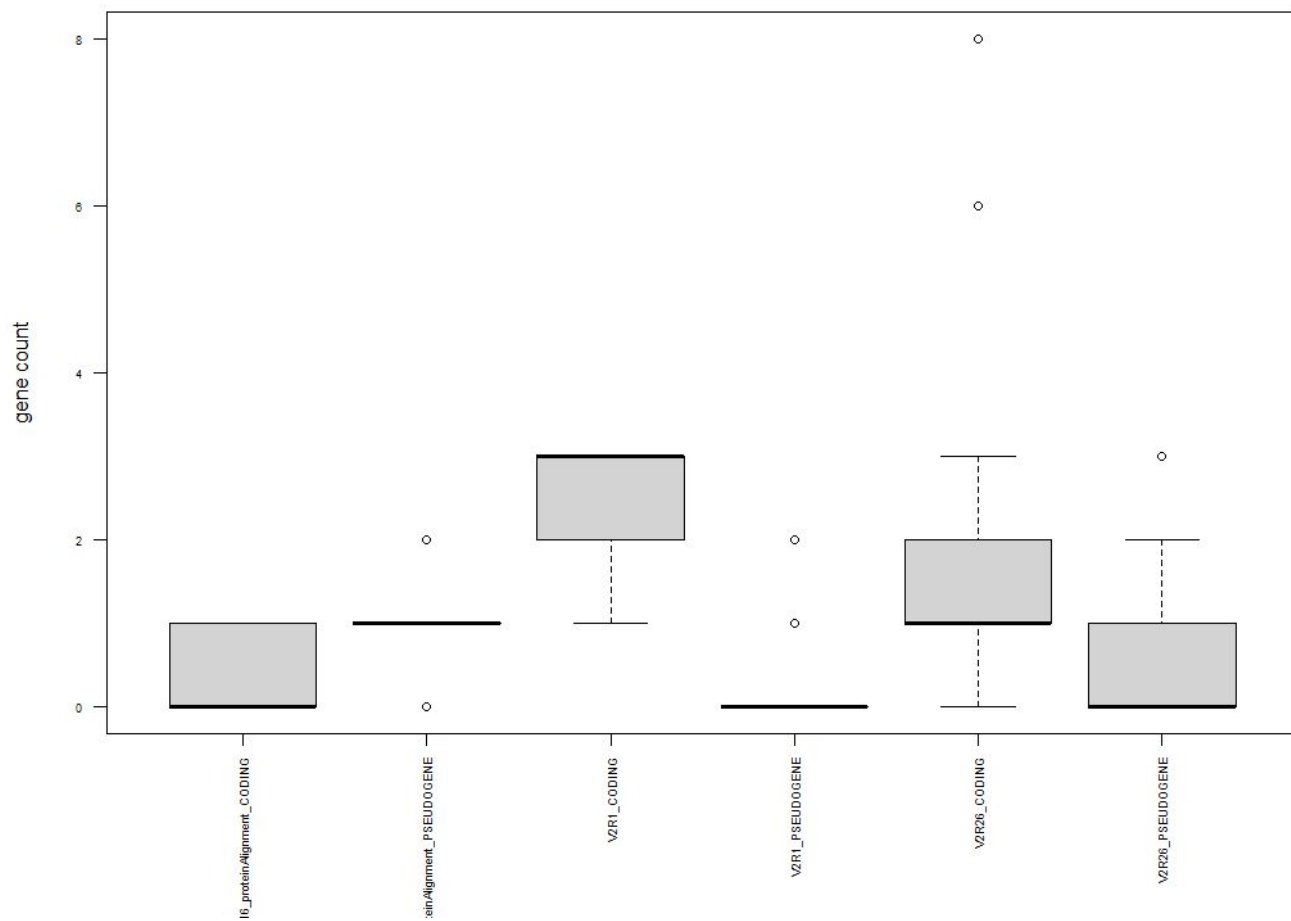
V1R Gene Families



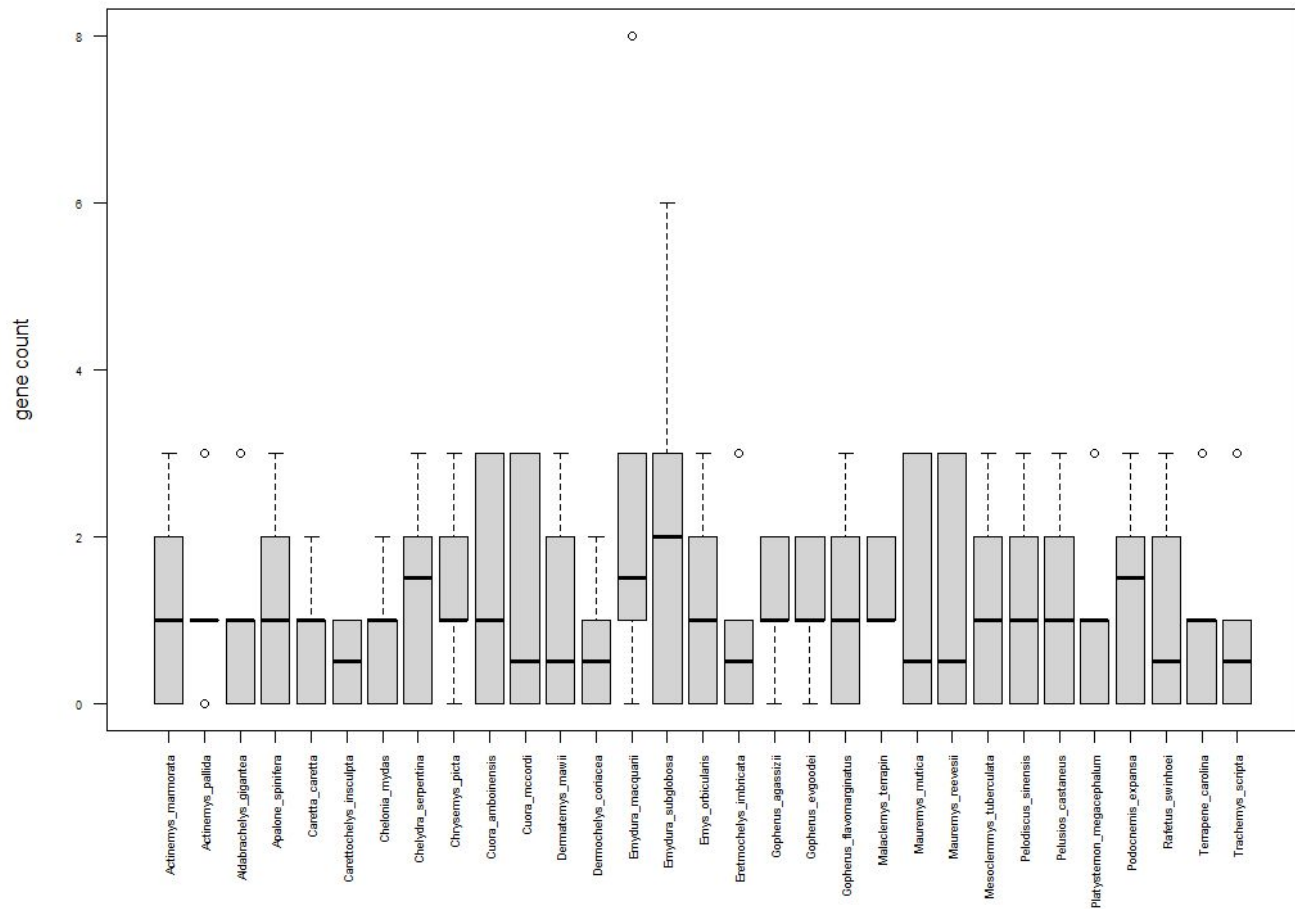
V1R Gene Families



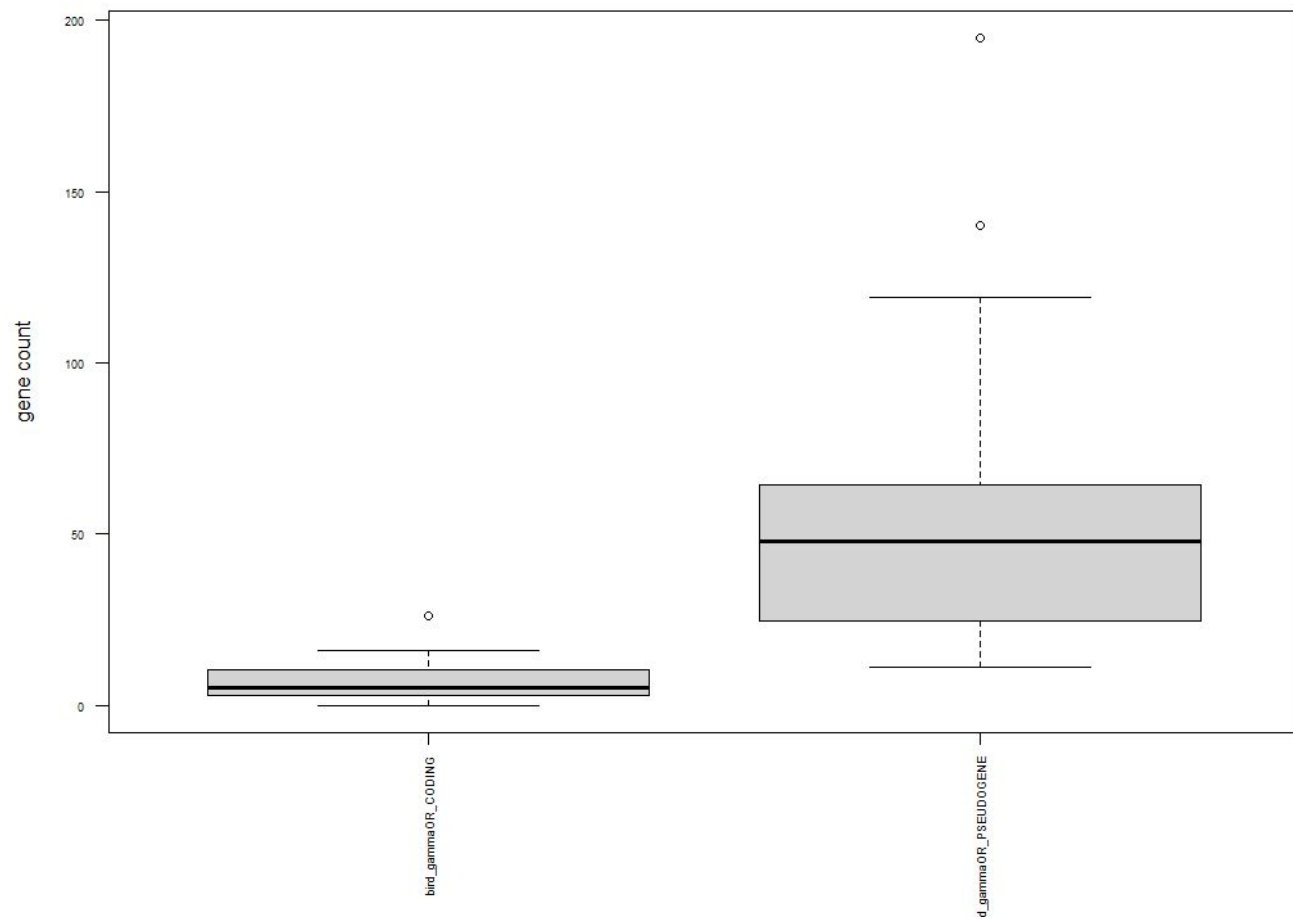
V2R Gene Families



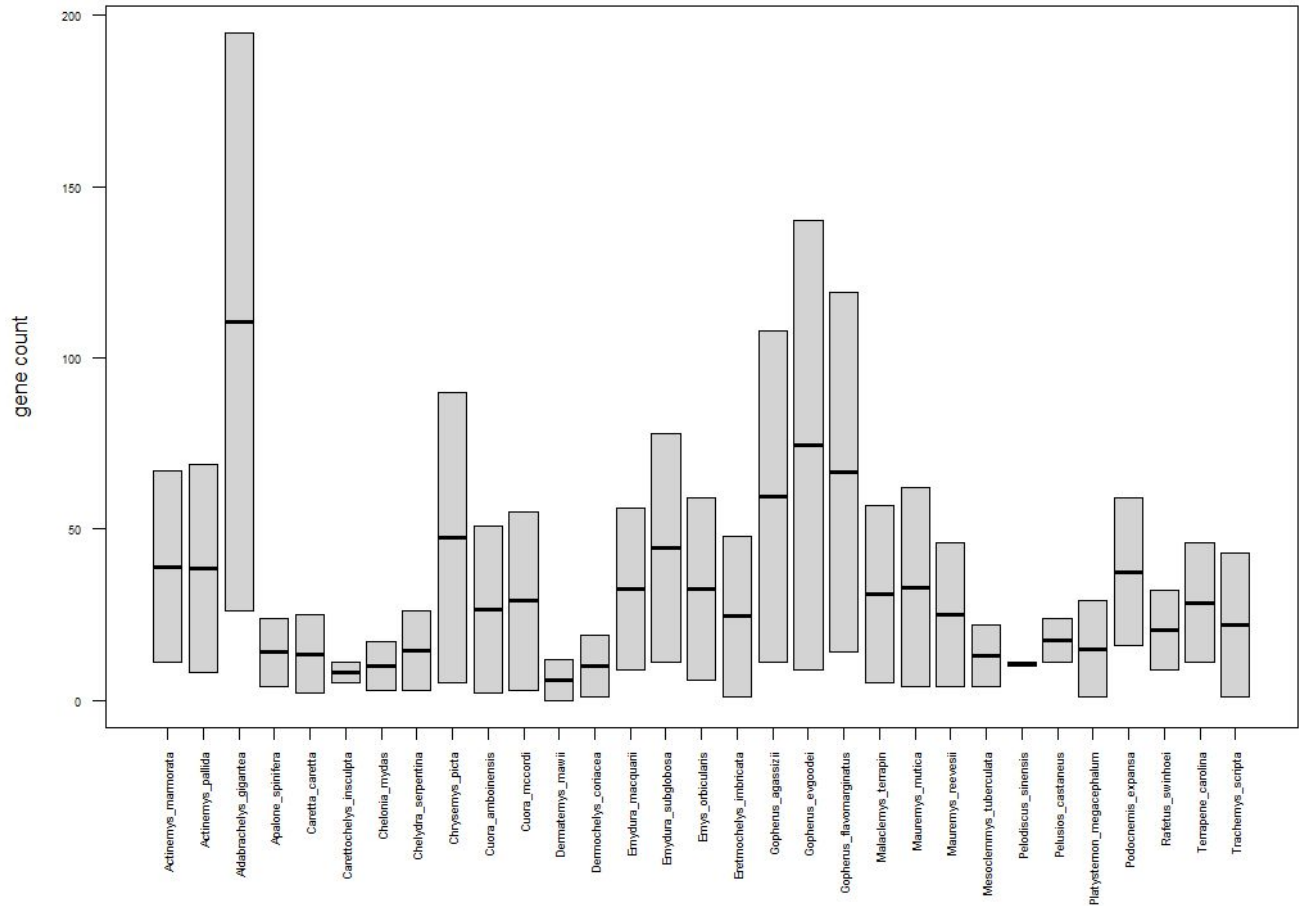
V2R Gene Families



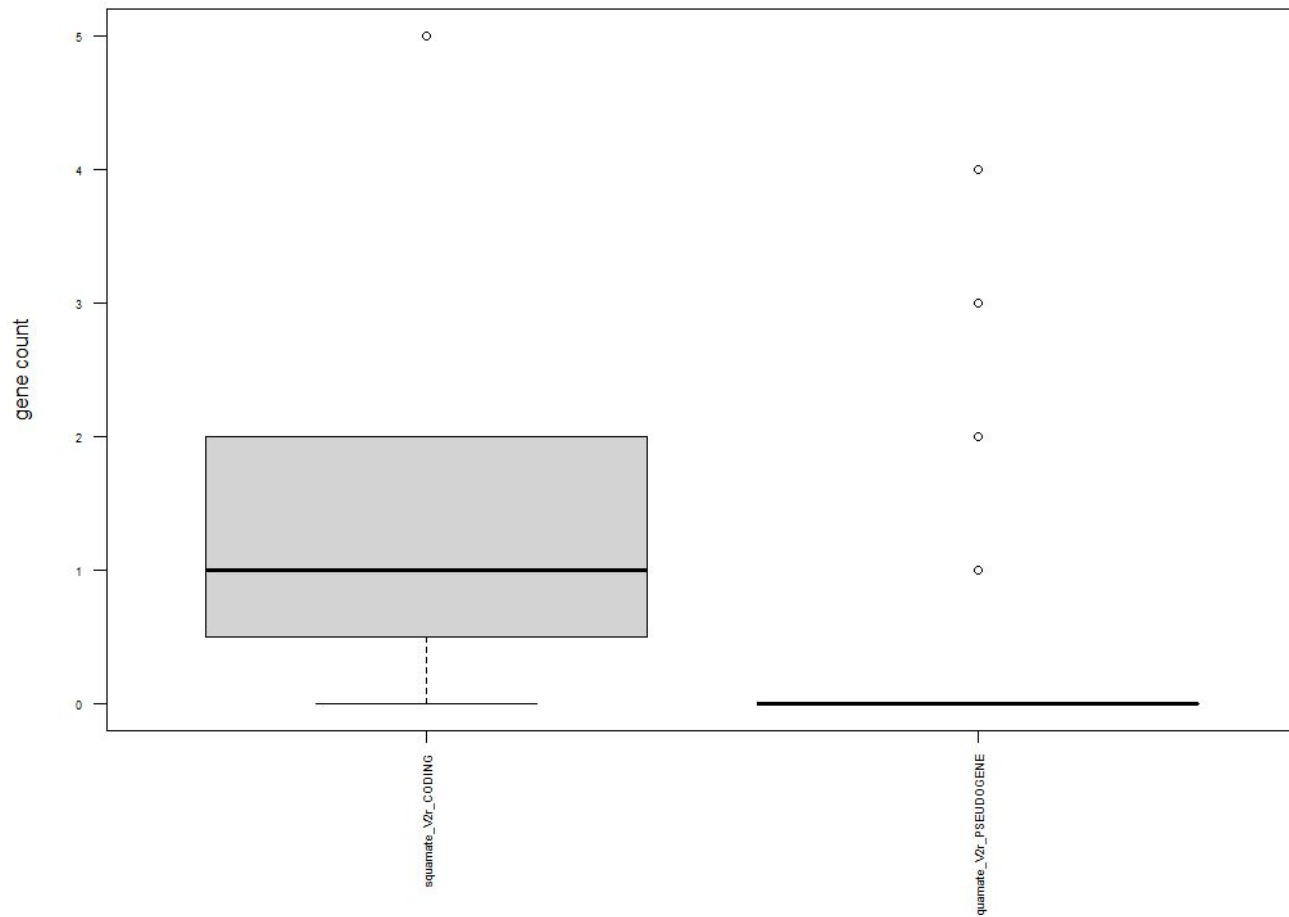
Bird Gene Families



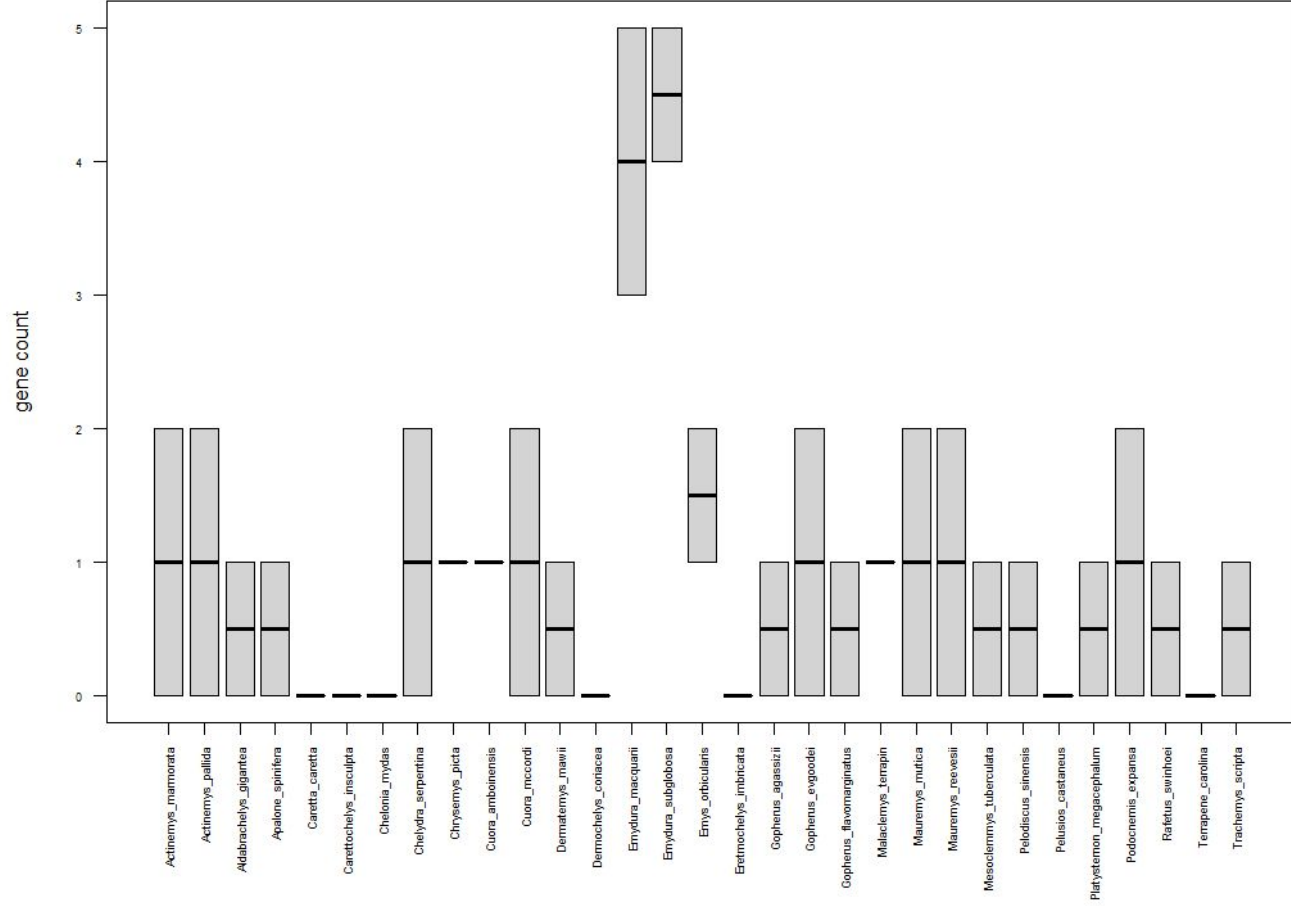
Bird Gene Families

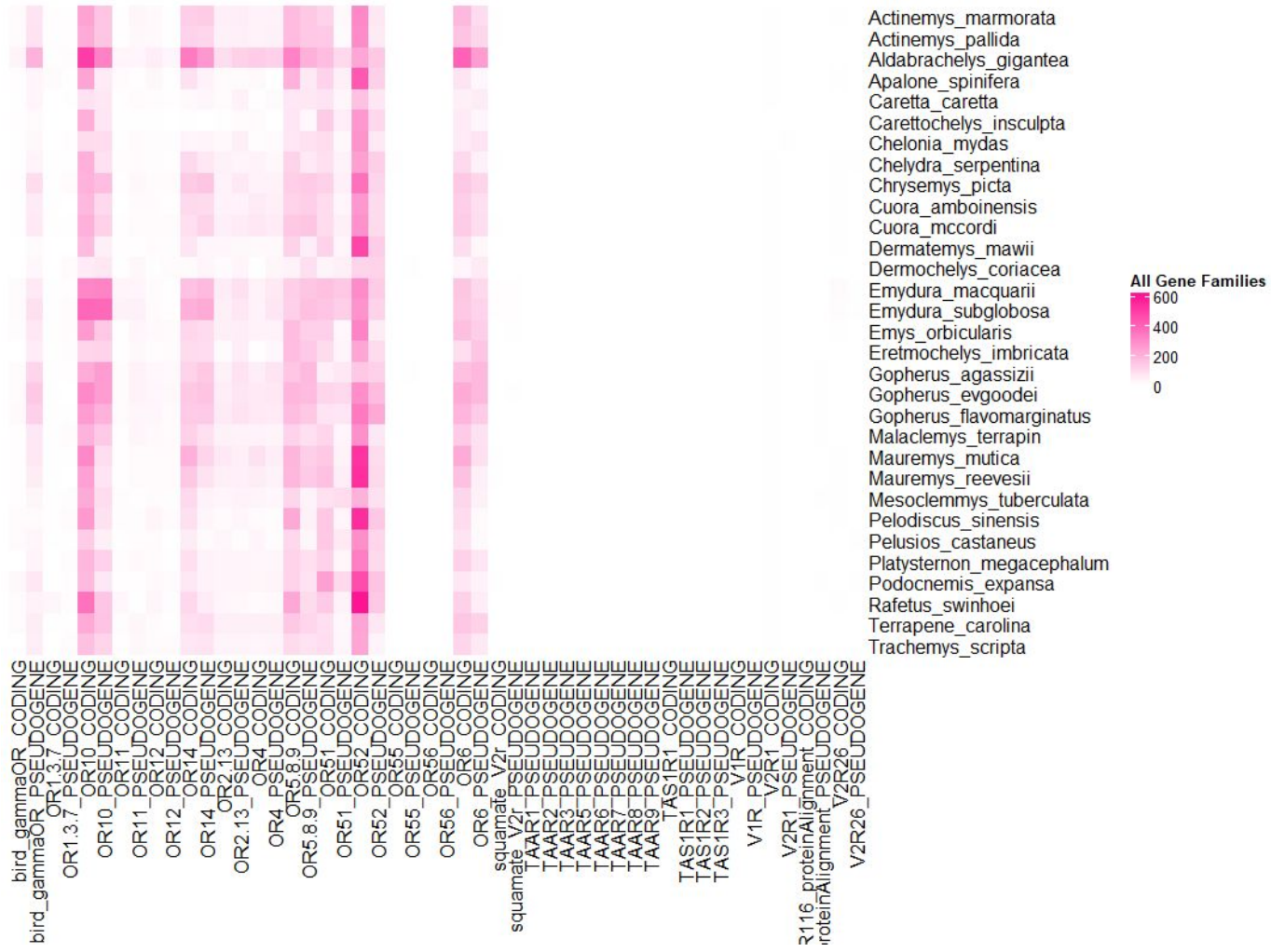


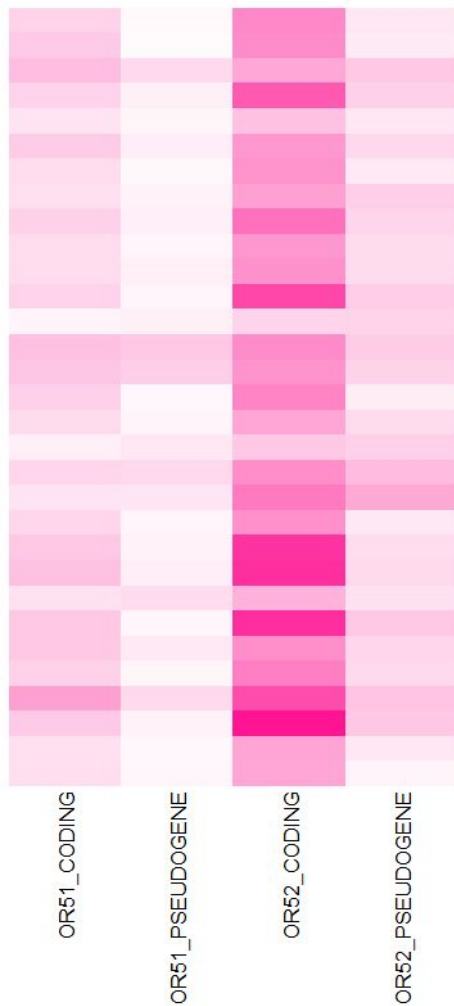
Squamate V2R Gene Families



Squamate V2R Families







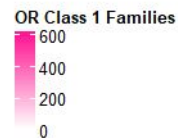
OR55_CODING

OR55_PSEUDOGENE

OR56_CODING

OR56_PSEUDOGENE

Actinemys_marmorata
 Actinemys_pallida
 Aldabrachelys_gigantea
 Apalone_spinifera
 Caretta_caretta
 Carettochelys_insculpta
 Chelonia_mydas
 Chelydra_serpentina
 Chrysemys_picta
 Cuora_amboinensis
 Cuora_mccordi
 Dermatemys_mawii
 Dermochelys_coriacea
 Emydura_macquarii
 Emydura_subglobosa
 Emys_orbicularis
 Eretmochelys_imbricata
 Gopherus_agassizii
 Gopherus_evgoodei
 Gopherus_flavomarginatus
 Malaclemys_terrapi
 Mauremys_mutica
 Mauremys_reevesii
 Mesoclemmys_tuberculata
 Pelodiscus_sinensis
 Pelusios_castaneus
 Platysternon_megacephalum
 Podocnemis_expansa
 Rafetus_swinhoei
 Terrapene_carolina
 Trachemys_scripta



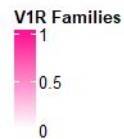


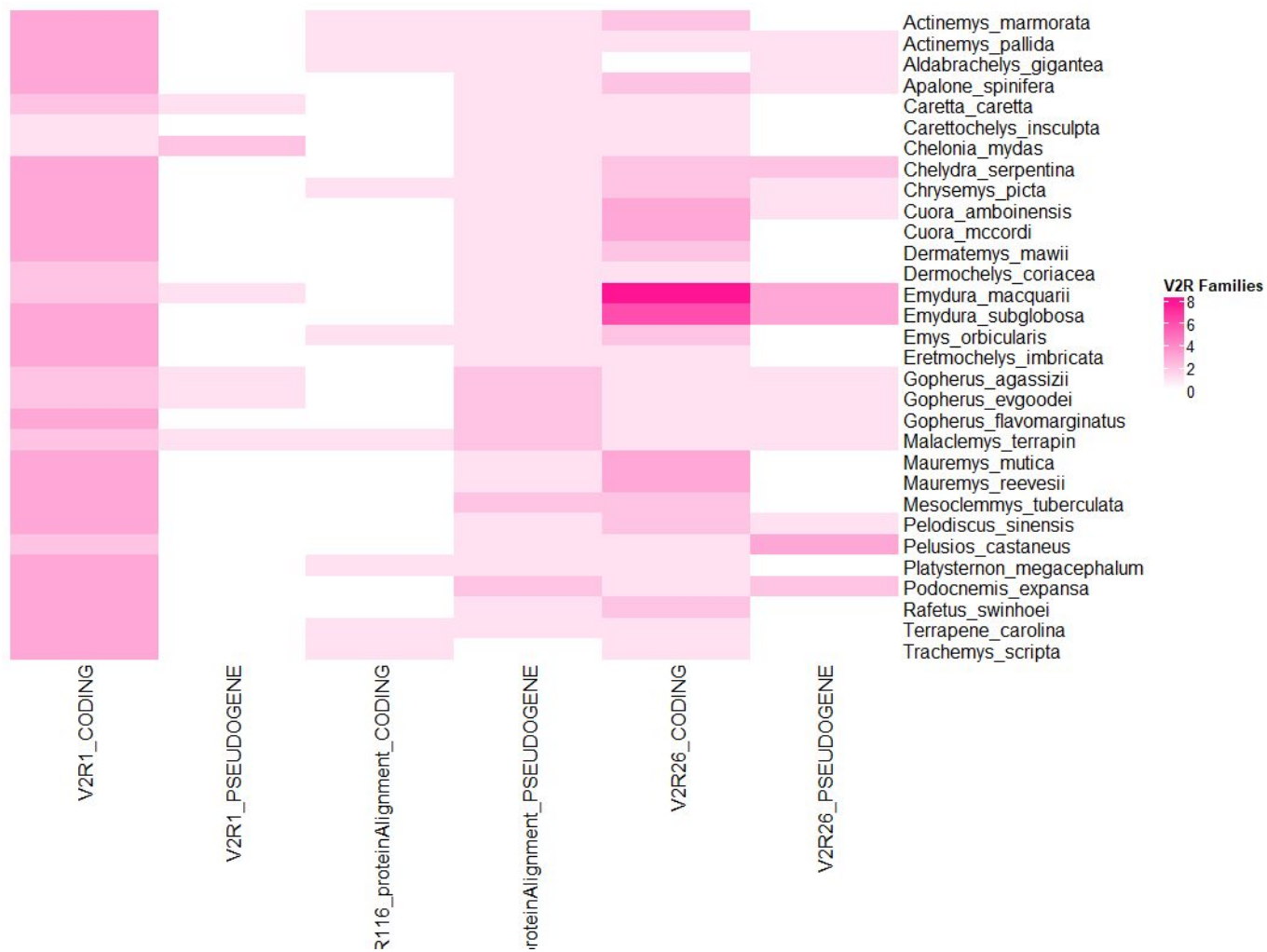
V1R_CODING

V1R_PSEUDOGENE



Actinemys_marmorata
Actinemys_pallida
Aldabrachelys_gigantea
Apalone_spinifera
Caretta_caretta
Carettochelys_insculpta
Chelonia_mydas
Chelydra_serpentina
Chrysemys_picta
Cuora_amboinensis
Cuora_mccordi
Dermatemys_mawii
Dermochelys_coriacea
Emydura_macquarii
Emydura_subglobosa
Emys_orbicularis
Eretmochelys_imbricata
Gopherus_agassizii
Gopherus_evgoodei
Gopherus_flavomarginatus
Malaclemys_terrapi
Mauremys_mutica
Mauremys_reevesii
Mesoclemmys_tuberculata
Pelodiscus_sinensis
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Platysternon_megacephalum
Podocnemis_expansa
Rafetus_swinhoei
Terrapene_carolina
Trachemys_scripta

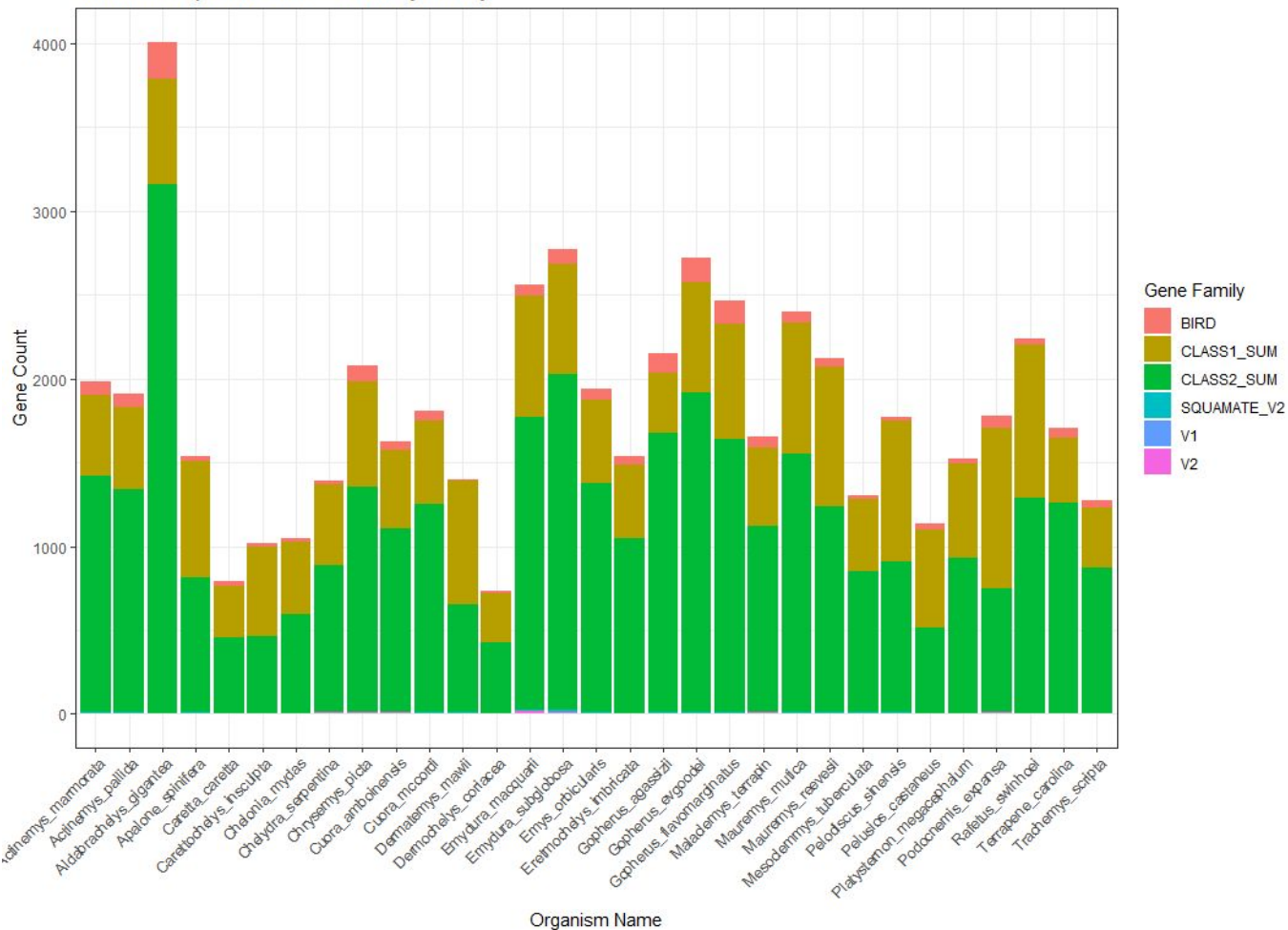








Stacked Barplot of Gene Counts by Family



BIRD

