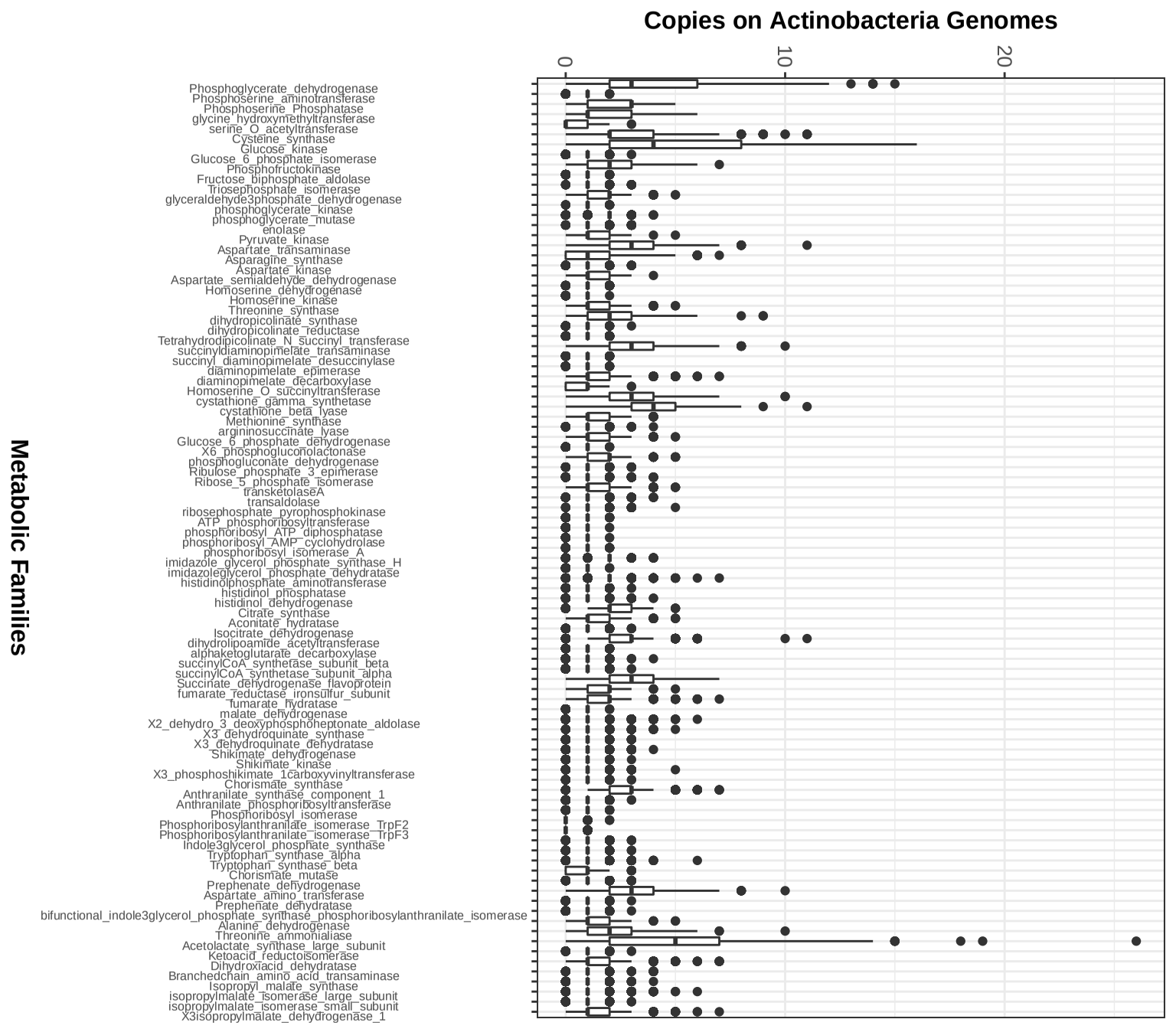
Copies on Actinobacteria Genomes
0
10
20
Metabolic Families
Phosphoglycerate_dehydrogenase
Phosphoserine_aminotransferase
Phosphoserine_Phosphatase
glycine_hydroxymethyltransferase
serine_O_acetyltransferase
Cysteine_synthase
Glucose_kinase
Glucose_6_phosphate_isomerase
Phosphofructokinase
Fructose_biphosphate_aldolase
Triosephosphate_isomerase
glyceraldehyde3phosphate_dehydrogenase
phosphoglycerate_kinase
phosphoglycerate_mutase
enolase
Pyruvate_kinase
Aspartate_transaminase
Asparagine_synthase
Aspartate_kinase
Aspartate_semialdehyde_dehydrogenase
Homoserine_dehydrogenase
Homoserine_kinase
Threonine_synthase
dihydropicolinate_synthase
dihydropicolinate_reductase
Tetrahydrodipicolinate_N_succinyl_transferase
succinyldiaminopimelate_transaminase
succinyl_diaminopimelate_desuccinylase
diaminopimelate_epimerase
diaminopimelate_decarboxylase
Homoserine_O_succinyltransferase
cystathione_gamma_synthetase
cystathione_beta_lyase
Methionine_synthase
argininosuccinate_lyase
Glucose_6_phosphate_dehydrogenase
X6_phosphogluconolactonase
phosphogluconate_dehydrogenase
Ribulose_phosphate_3_epimerase
Ribose_5_phosphate_isomerase
transketolaseA
transaldolase
ribosephosphate_pyrophosphokinase
ATP_phosphoribosyltransferase
phosphoribosyl_ATP_diphosphatase
phosphoribosyl_AMP_cyclohydrolase
phosphoribosyl_isomerase_A
imidazole_glycerol_phosphate_synthase_H
imidazoleglycerol_phosphate_dehydratase
histidinolphosphate_aminotransferase
histidinol_phosphatase
histidinol_dehydrogenase
Citrate_synthase
Aconitate_hydratase
Isocitrate_dehydrogenase
dihydrolipoamide_acetyltransferase
alphaketoglutarate_decarboxylase
succinylCoA_synthetase_subunit_beta
succinylCoA_synthetase_subunit_alpha
Succinate_dehydrogenase_flavoprotein
fumarate_reductase_ironsulfur_subunit
fumarate_hydratase
malate_dehydrogenase
X2_dehydro_3_deoxyphosphoheptonate_aldolase
X3_dehydroquinate_synthase
X3_dehydroquinate_dehydratase
Shikimate_dehydrogenase
Shikimate_kinase
X3_phosphoshikimate_1carboxyvinyltransferase
Chorismate_synthase
Anthranilate_synthase_component_1
Anthranilate_phosphoribosyltransferase
Phosphoribosyl_isomerase
Phosphoribosylanthranilate_isomerase_TrpF2
Phosphoribosylanthranilate_isomerase_TrpF3
Indole3glycerol_phosphate_synthase
Tryptophan_synthase_alpha
Tryptophan_synthase_beta
Chorismate_mutase
Prephenate_dehydrogenase
Aspartate_amino_transferase
Prephenate_dehydratase
bifunctional_indole3glycerol_phosphate_synthase_phosphoribosylanthranilate_isomerase
Alanine_dehydrogenase
Threonine_ammonialiase
Acetolactate_synthase_large_subunit
Ketoacid_reductoisomerase
Dihydroxiacid_dehydratase
Branchedchain_amino_acid_transaminase
Isopropyl_malate_synthase
isopropylmalate_isomerase_large_subunit
isopropylmalate_isomerase_small_subunit
X3isopropylmalate_dehydrogenase_1