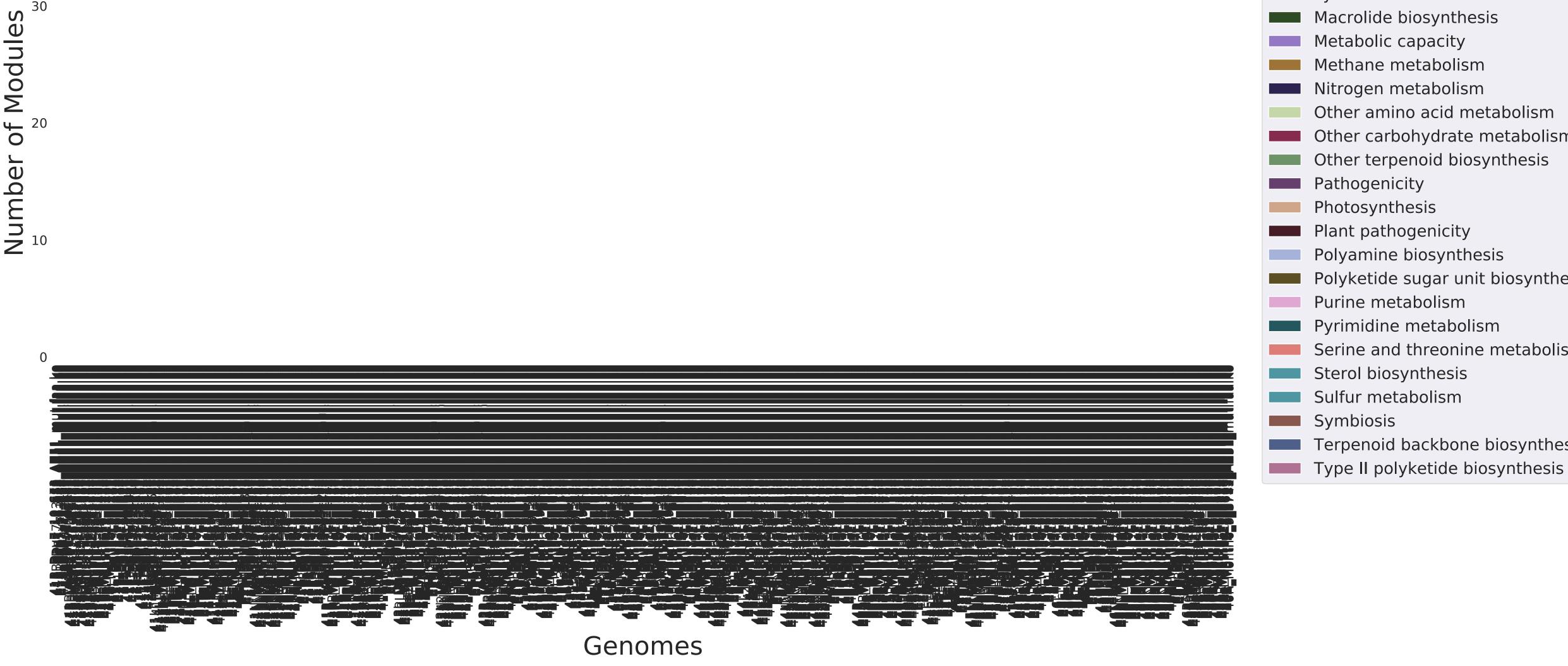
## Metabolism Module Category per Genome

complete)

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Arginine and proline metabolism Aromatic amino acid metabolism Aromatics degradation ATP synthesis Beta-Lactam biosynthesis Biosynthesis of other secondary metabolites Branched-chain amino acid metabolism Carbon fixation Central carbohydrate metabolism Cofactor and vitamin metabolism Cysteine and methionine metabolism Drug resistance Enediyne biosynthesis Fatty acid metabolism Glycan biosynthesis Glycosaminoglycan metabolism Histidine metabolism Lipid metabolism Lipopolysaccharide metabolism Lysine metabolism Macrolide biosynthesis Metabolic capacity Methane metabolism Nitrogen metabolism Other amino acid metabolism Other carbohydrate metabolism Other terpenoid biosynthesis Pathogenicity Photosynthesis Plant pathogenicity Polyamine biosynthesis Polyketide sugar unit biosynthesis Purine metabolism Pyrimidine metabolism Serine and threonine metabolism Sterol biosynthesis Sulfur metabolism **Symbiosis** Terpenoid backbone biosynthesis