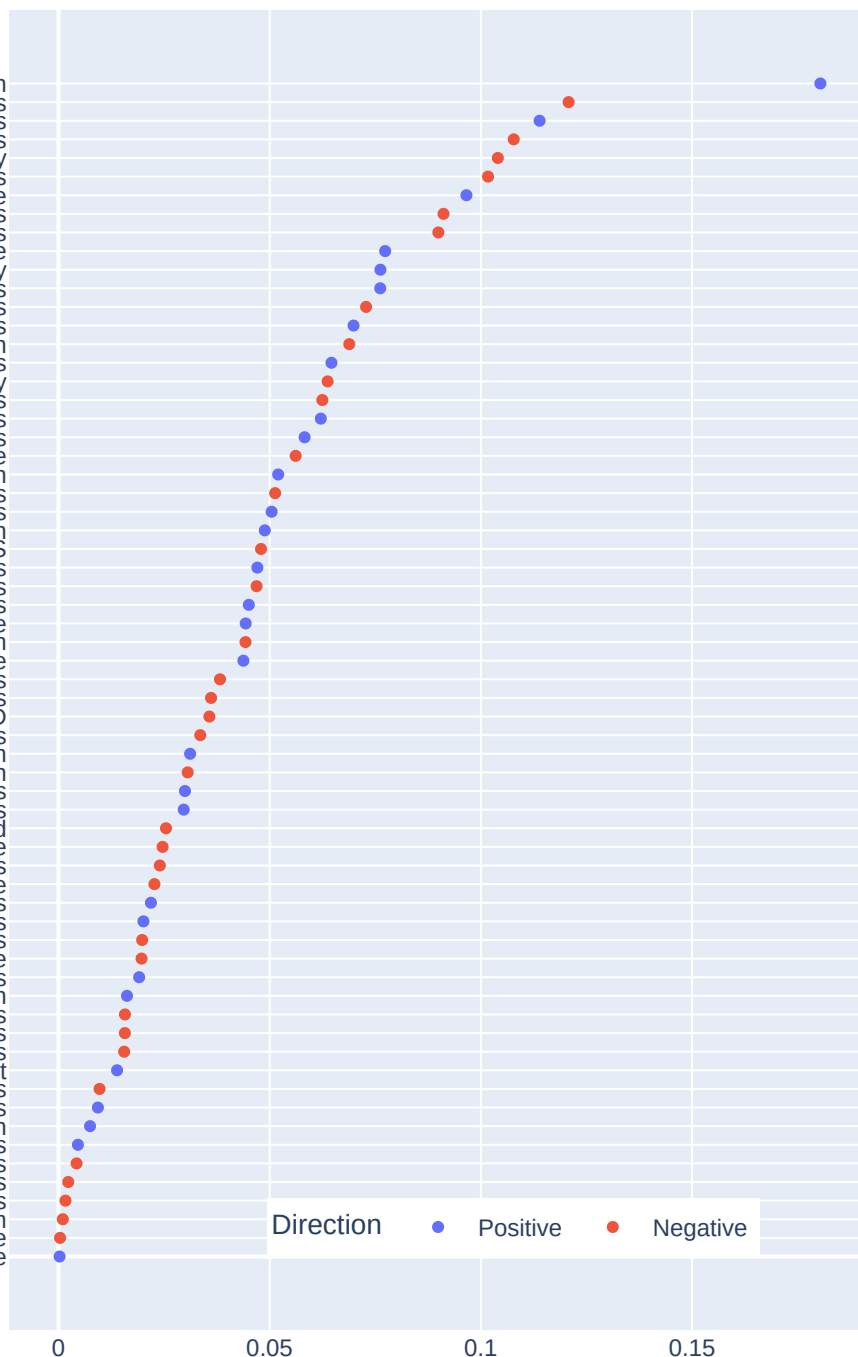


GEM: Firmicutes_C

Pathway Features

Pyrimidine degradation
 Arginine biosynthesis
 Molybdopterin biosynthesis
 Pantothenate/CoA biosynthesis
 Non-phosphorylated Entner-Doudoroff pathway
 Aromatic amino acid biosynthesis
 TCA cycle
 Methionine biosynthesis
 Glutamine biosynthesis
 Pyrimidine salvage
 Pentose phosphate pathway
 Histidine biosynthesis
 Lipoate biosynthesis
 Mureine biosynthesis
 Unknown
 Serine biosynthesis
 Entner-Doudoroff pathway
 Cysteine biosynthesis
 Lysine biosynthesis
 Glycolysis
 NADH dehydrogenase
 Pyruvate oxidation
 Threonine biosynthesis
 NAD biosynthesis
 Glycine cleavage
 Pyruvate oxidation
 2Fe2S
 Isoprenoid biosynthesis
 Thymidylate biosynthesis
 Phospholipid biosynthesis
 Urea cycle
 23S rRNA modification
 A/V-type ATP synthase
 Menaquinone biosynthesis
 Aminoacyl-tRNA synthetases
 3D
 Archaeal ribosomal proteins
 Pyrimidine salvage
 RNA modification
 Proline degradation
 Folate biosynthesis
 Pyridoxal phosphate biosynthesis
 Unannotated
 Glycine cleavage
 Histidine biosynthesis, Purine biosynthesis
 Na+-translocating Fd:NADH oxidoreductase
 Gluconeogenesis
 Heme biosynthesis
 Pyrimidine biosynthesis
 Purine salvage
 Ubiquinone biosynthesis
 tRNA modification
 Proline biosynthesis
 Asparagine biosynthesis
 Translation factors
 Ribosome 50S subunit
 Isoleucine, leucine, valine biosynthesis
 Riboflavin/FAD biosynthesis
 16S rRNA modification
 Thiamine biosynthesis
 Purine biosynthesis
 Fatty acid biosynthesis
 Biotin biosynthesis
 CRISPR-Cas system
 Na+-translocating NADH dehydrogenase
 FoF1-type ATP synthase



LASSO Coefficient (Absolute) Value