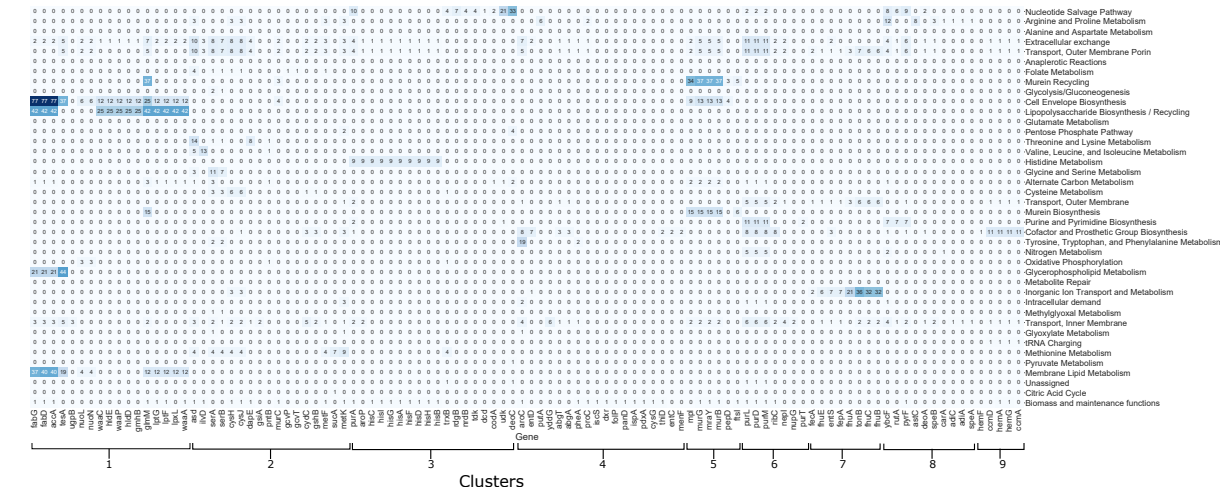
Nucleotide Salvage Pathway
Arginine and Proline Metabolism
Alanine and Aspartate Metabolism
Extracellular exchange
Transport, Outer Membrane Porin
Anaplerotic Reactions
Folate Metabolism
Murein Recycling
Glycolysis/Gluconeogenesis
Cell Envelope Biosynthesis
Lipopolysaccharide Biosynthesis / Recycling
Glutamate Metabolism
Pentose Phosphate Pathway
Threonine and Lysine Metabolism
Valine, Leucine, and Isoleucine Metabolism
Histidine Metabolism
Glycine and Serine Metabolism
Alternate Carbon Metabolism
Cysteine Metabolism
Transport, Outer Membrane
Murein Biosynthesis
Purine and Pyrimidine Biosynthesis
Cofactor and Prosthetic Group Biosynthesis
Tyrosine, Tryptophan, and Phenylalanine Metabolism
Nitrogen Metabolism
Oxidative Phosphorylation
Glycerophospholipid Metabolism
Metabolite Repair
Inorganic Ion Transport and Metabolism
Intracellular demand
Methylglyoxal Metabolism
Transport, Inner Membrane
Glyoxylate Metabolism
tRNA Charging
Methionine Metabolism
Pyruvate Metabolism
Membrane Lipid Metabolism
Unassigned
Citric Acid Cycle
Biomass and maintenance functions
Gene
Clusters
1
2
3
4
5
6
7
8
9