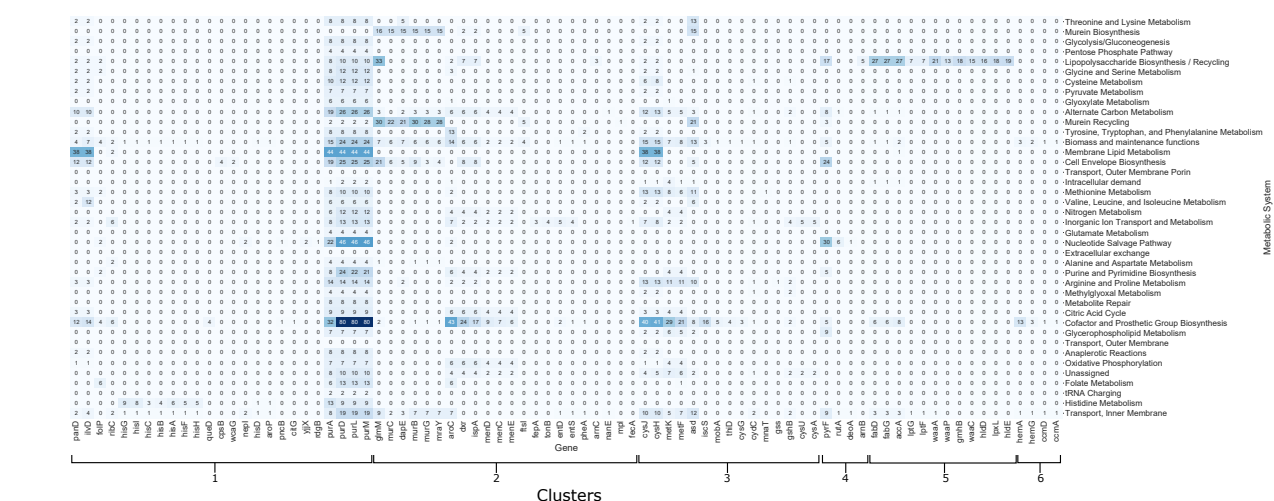
Threonine and Lysine Metabolism
Murein Biosynthesis
Glycolysis/Gluconeogenesis
Pentose Phosphate Pathway
Lipopolysaccharide Biosynthesis / Recycling
Glycine and Serine Metabolism
Cysteine Metabolism
Pyruvate Metabolism
Glyoxylate Metabolism
Alternate Carbon Metabolism
Murein Recycling
Tyrosine, Tryptophan,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