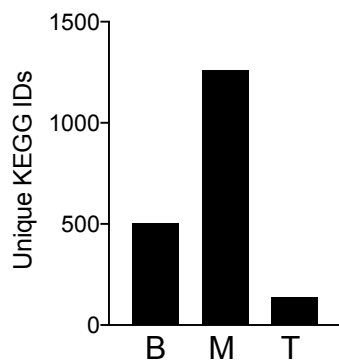
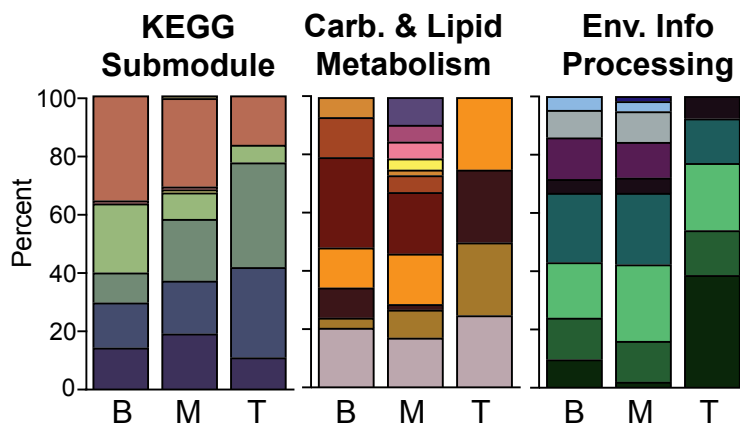


a



b



KEGG Submodule

- Carbohydrate and lipid metab.
- Energy metab.
- Environmental info. processing
- Genetic info. processing
- Metabolism
- Nucleotide and AA metab.
- Secondary metab.
- Genotypic signature

Carb. & Lipid Metabolism

- Carb. metabolism
- Terpenoid biosynth.
- Terpenoid backbone biosynth.
- Central carb. metabolism
- Other carb. metabolism
- Sugar metabolism
- Lipopolysaccharide metabolism
- Lipid metabolism
- Sterol biosynthesis
- Fatty acid metabolism
- Glycan metabolism

Env. Info Processing

- Peptide and nickel transport
- Phosphate and AA transport
- ABC transport
- Two-component reg. system
- Bacterial secretion system
- Saccharide and polyol transport
- Mineral and org. ion transport
- Iron and B12 transport
- Phosphotransferase system