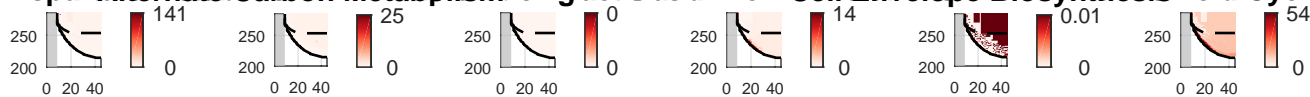
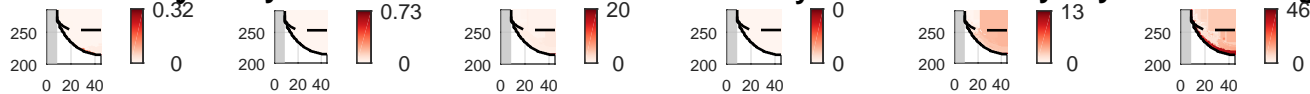


Figure S10

Alanine and Aspartate Metabolism, Glutamate Metabolism, and Proline Metabolism Biosynthesis Acid Cycle



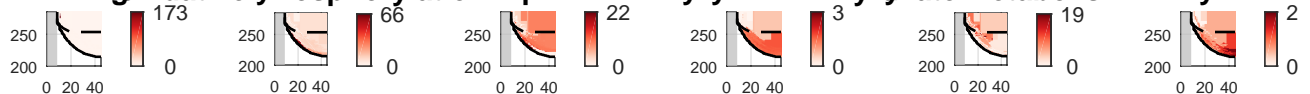
Factor and Prosthetic Group **Cys Biosynthesis** **Isole Metabolism** **Duraminate Metabolism** **Glycine and Serine Metabolism** **Gluconeogenesis**



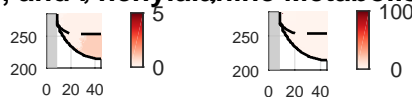
Glyoxylate Metabolism Histidine Metabolism Methionine Lipid Metabolism Methionine Metabolism Methylglyoxal Metabolism Nitrogen Metabolism



Nucleotide Salvage, De Novo Purine Phosphoribosylation, Pyrimidine Biosynthesis, and Lysine Metabolism



Tryptophan and Phenylalanine Metabolism

 T_{TR}