

| | Size | |
|-----------------------------------|---|---------------------------------|
| ate_kinase | ● Ribulose_phosphate_3_epimerase | ● Succinate_dehydrogenase |
| ate_semialdehyde_dehydrogenase | ● Ribose_5_phosphate_isomerase | ● fumarate_reductase |
| serine_dehydrogenase | ● transketolaseA | ● fumarate_hydratase |
| serine_kinase | ● transaldolase | ● malate_dehydrogenase |
| nine_synthase | ● ribosephosphate_pyrophosphokinase | ● X3_dehydroquinase |
| opicolinate_synthase | ● ATP_phosphoribosyltransferase | ● X3_dehydroquinase |
| opicolinate_reductase | ● phosphoribosyl_ATP_diphosphatase | ● Shikimate_dehydrogenase |
| nyldiaminopimelate_transaminase | ● phosphoribosyl_AMP_cyclohydrolase | ● Shikimate_kinase |
| nyl_diaminopimelate_desuccinylase | ● imidazole_glycerol_phosphate_synthase_H | ● X3_phosphoshikimate_kinase |
| nopimelate_epimerase | ● imidazoleglycerol_phosphate_dehydratase | ● Chorismate_synthase |
| nopimelate_decarboxylase | ● histidinolphosphate_aminotransferase | ● Anthranilate_synthase |
| hione_gamma_synthetase | ● histidinol_phosphatase | ● Anthranilate_phosphorylase |
| onine_synthase | ● histidinol_dehydrogenase | ● Phosphoribosyl_AMP_synthetase |
| nosuccinate_lyase | ● Citrate_synthase | ● Indole3glycerol_P_synthase |
| se_6_phosphate_dehydrogenase | ● dihydrolipoamide_acetyltransferase | ● Tryptophan_synthase |
| osphogluconolactonase | ● succinylCoA_synthetase_subunit_beta | ● Tryptophan_synthase |
| phogluconate_dehydrogenase | ● succinylCoA synthetase subunit alpha | ● Chorismate mutase |