

TABLE S3 List of metabolic pathways showing evidence of convergent adaptation

Colanic acid building blocks biosynthesis
Purine nucleotides <i>de novo</i> biosynthesis II
Adenosine nucleotides <i>de novo</i> biosynthesis
NAD/NADH phosphorylation and dephosphorylation
tRNA charging pathway
Superpathway of phenylalanine biosynthesis
Superpathway of tryptophan biosynthesis
Aspartate biosynthesis
Tryptophan biosynthesis
Glutamine biosynthesis III
Isoleucine biosynthesis I
Threonine biosynthesis
Galactose degradation III
UDP-glucose biosynthesis (from glucose 6-phosphate)
Triacylglycerol biosynthesis
Phospholipid biosynthesis II
Phosphatidylglycerol biosynthesis I (plastidic)
Phosphatidylglycerol biosynthesis II (non-plastidic)
CDP-diacylglycerol biosynthesis II
CDP-diacylglycerol biosynthesis I
Ethylene biosynthesis from methionine
Stachyose degradation
Homogalacturonan degradation
Betanidin degradation
Aspartate degradation II
Phosphate utilization in cell wall regeneration
Phosphate acquisition
Superpathway of cytosolic glycolysis (plants), pyruvate dehydrogenase and TCA cycle
C4 photosynthetic carbon assimilation cycle
Glycolysis IV (plant cytosol)
Glycolysis I
Glycolysis III
