



Red indicates metabolite directly measured in LC-MS, MDV is directly available.
Blue indicates substrate carbon, fed to organism as either ^{12}C or ^{13}C , MDV is directly available.
Gray indicates metabolite not directly measured in LC-MS, MDV is not directly available.

Abbreviations: THF = tetrahydrofolic acid, CoA = coenzyme A, CIT = citrate, OAA = oxaloacetate, MAL = malate, SUC = succinate, AKG = alpha-ketoglutarate, R5P = ribose-5-phosphate, 3PG = 3-phosphoglycerate, PEP = phosphoenolpyruvate, PYR = pyruvate, rTCA = reductive tricarboxylic acid