

Supplementary Figure 2 A schematic diagram of the entire metabolic network deciphered from the genome information. Red arrows represent the complete absence of the corresponding step and blue arrows represent partial absence of the reaction step. 2-dehydro-3-deoxy-6-P-gluconate; Abbreviations 2K3D6PG, are: 6PG. 6phosphoglucono-lactone; 6PGL, 6-phosphogluconate; AcCoA, acetyl-CoA; AICAR, 5phosphoribosyl-5-amino-4-imidazole carboxamide; DHAP, dihydroxy-acetonephosphate; E4P, erythrose-4-phosphate; GA3P, glyceraldehyde-3-phosphate; IMP, inosine monophosphate; MK, menaquinone; OMP, orotidylate; PEP, phospho-enolpyruvate; PR-AMP, phosphoribosyl-AMP; PRPP, phosphoribosyl-pyrophosphate; R5P, ribose-5-phosphate; RL5P, ribulose-5-phosphate; S7P, sedoheptulose-7-phosphate; THF, tetrahydrofolate; X5P, xylulose-5-phosphate; XMP, xantosine monophosphate.