Supplementary Table 2. KEGG pathways used for metabolic network reconstruction

Pathway name	Pathway number
Alanine, aspartate and glutamate metabolism	00250
Amino sugar and nucleotide sugar metabolism	00520
Arginine and proline metabolism	00330
Fatty acid biosynthesis	00061
Fatty acid metabolism	00071
D-glutamine and D-glutamate metabolism	00471
Glycerophospholipid metabolism	00564
Histidine metabolism	00340
Lipopolysaccharide biosynthesis	00540
Lysine biosynthesis	00300
Nitrogen metabolism	00919
Peptidoglycan biosynthesis	00550
Phenylalanine, tyrosine and tryptophane biosynthesis	00400
Purine metabolism	00230
Pyrimidine metabolism	00240
Sulfur metabolism	00920
Terpenoid backbone biosynthesis	00900