



**Figure S3.** HPLC chromatograms of oxaloacetate. Cosmosil 5C18-AR-II column and UV detector (L-2400, Hitachi High-Tech Corp) at 210 nm were used for the detection. (A) Standard sample of 1.25 g/L oxaloacetate. (B) Cell extract of *E. coli* EG\_7 (10-times diluted with water) after 48 h of cultivation with M9 medium supplemented with 10 g/L glucose and 1 g/L yeast extract.