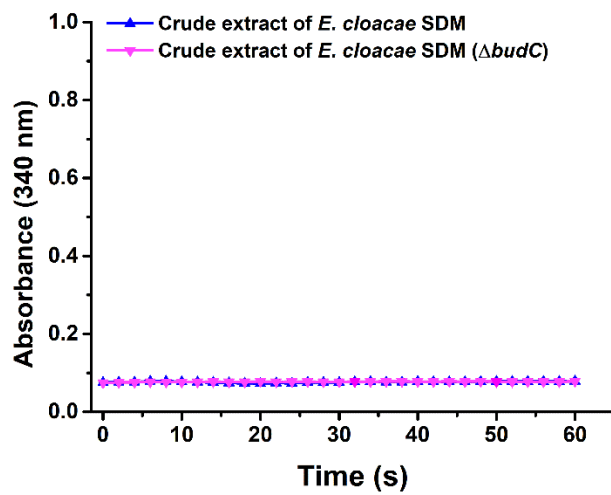




Supplementary Fig. S3 Assay of formate dehydrogenase (FDH) activity in *E. cloacae* SDM and *E. cloacae* SDM ($\Delta budC$). The assay mixture contained 67 mM phosphate buffer (pH 7.4), 5 mM sodium formate and 1 mM NAD⁺. After adding the crude extracts of *E. cloacae* SDM or *E. cloacae* SDM ($\Delta budC$), the variation of NADH absorbance at 340 nm were recorded with a UV/visible spectrophotometer (Ultrospec 2100 pro, Amersham Biosciences, USA).