

File Name : SuppleFig1.tif

Caption : Supplemental Fig. 1 GO functional classification for differential proteins of *T. tengcongensis* between 75 and 55 °C

File Name : SuppleFig2.tif

Caption : Supplemental Fig. 2 The change trend prediction of bacterial growth for reactions beyond central metabolism

File Name : SuppleFig3.tif

Caption : The modeling of the secretion of acetate and ethanol and the glucose consumption during *T. tengcongensis* growth.

Abbreviations: ace-acetate, etoh-ethanol, glc-glucose.