



Fig. S3 Effect of different water activity regulators on the expression of *tipA* gene. The expression of *tipA* gene in *B. megaterium* FDU301 grown in LB medium of aw 0.985, using PEG200, sodium chloride and glycerol to adjust the water activity, respectively, were determined by real-time RT-qPCR. FC: fold of change in the transcriptional level in arid condition medium comparing to normal LB medium.