

Additional file 6

Figure S6 Time courses of residual glucose (A) and itaconate production (B) for WT and strain *cadA-21* at the pilot scale.

The demonstration experiment was performed in a 35 m³ fermentor. A two-stage process including the vegetative phase and the production phase was applied, and the vegetative phase was done for 16-18 hr in 4 m³ fermentor. Samples were taken at regular intervals for analysis. In the *inset*, changes of glucose concentrations and itaconate titers during the final period were expanded.

