Supporting Information

Characterization of a regulator pgsR on endogenous plasmid p2Sip and its complementation for poly-(γ-glutamic acid) accumulation in \textit{Bacillus amyloliquefaciens}

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Figures

(A) Restriction analysis of recombinant plasmid pNX-hsp. Lanes 1 and 2: pNX-hsp digested with SpeI and NotI; (B) γ-PGA colony morphologies of the different derivatives. NX-2S154, the parent strain; NX-2SΔp, the plasmid-cured strain; NB, the pgsR cassette harbored strain; NX-2SΔp-Hsp, Overexpression of the Hsp gene in the plasmid-cured strain. (C) Kinetics of γ-PGA fermentation from raw inulin extract by different NX-2SΔp and NX-2SΔp-Hsp. Blue symbols denoted biomass and residual sugars of NX-2SΔp, and red symbols denoted biomass and residual sugars of NX-2SΔp-Hsp.

Figure S1. Functional analysis of hsp expression on γ-PGA synthesis in NX-2SΔp.

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