

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Plasmids used in this study

File Name: Supplementary Data 2

Description: *Komagataella phaffii* strains used in this study

File Name: Supplementary Data 3

Description: *Saccharomyces cerevisiae* strains used this study

File Name: Supplementary Data 4

Description: Primers used in this study

File Name: Supplementary Data 5

Description: DNA parts used in this study

File Name: Supplementary Data 6

Description: Inducible synthetic promoters used in this study

File Name: Supplementary Data 7

Description: Insulator sequences used in this study