

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: All 153 yeast strains ordered from public culture repositories.

File name: Supplementary Data 2

Description: Oligonucleotides utilized in this study.

File name: Supplementary Data 3

Description: Sequences of *Pichia occidentalis* promoters and terminators utilized in this study.

File name: Supplementary Data 4

Description: Sequences of *Pichia occidentalis* integration loci utilized in this study.

File name: Supplementary Data 5

Description: Genes and synthetic DNAs synthesized in this study.