

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Promoter sequences that list the operator order, -35 and -10 sequences, and activator binding site sequences.

File Name: Supplementary Data 2

Description: Combinatorial promoter library with array of -35 and -10 sequences.

File Name: Supplementary Data 3

Description: Combinatorial library data for AraC- as well as LasR-regulated one-input promoters tested in strain CY015.

File Name: Supplementary Data 4

Description: Induction data for AraC- as well as LasR-regulated one-input promoters with diverse dynamic ranges.

File Name: Supplementary Data 5

Description: Combinatorial library data for AraC- as well as LasR-regulated multiinput (LacI) hybrid promoters tested in strain CY021.

File Name: Supplementary Data 6

Description: Sequences of multi-input hybrid promoters controlled by diverse transcription factors.

File Name: Supplementary Data 7

Description: Induction data for two-input hybrid promoters controlled by diverse transcription factors.

File Name: Supplementary Data 8

Description: Induction data for three-input hybrid promoters controlled by diverse transcription factors.