

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Plasmids used in this study.

File Name: Supplementary Data 2

Description: *E. coli* strains used in this study.

File Name: Supplementary Data 3

Description: Oligonucleotides used in this study.

File Name: Supplementary Data 4

Description: *E. coli* codon-optimized coding sequences used in this study.

File Name: Supplementary Data 5

Description: The encoded amino acid sequences of the fusion genes constructed in this study. In the tandem fused chimeras, the underlined peptide indicates the inserted linker. In C-terminus-tagged proteins for Western Blotting, α refers to N-terminus-fused Met, 8RP, SpyCatcher, SpyTag, SnoopCatcher, SnoopTag, SH3 or SH3lig, while β refers to Met, 8RP, SpyTag, SpyTag^{mut}, SpyCatcher, SnoopTag, SnoopCatcher, SH3lig or SH3 used in Supplementary Fig. 8.