

Description of Additional Supplementary File

File Name: Supplementary Data 1

Description: High-quality dataset of AcEst1-single mutants and double mutants

File Name: Supplementary Data 2

Description: Sequences of oligonucleotides

File Name: Supplementary Data 3

Description: Reagents used in this study.

File Name: Supplementary Data 4

Description: Codes for machine learning.