

Title: Supplementary Data 1.

Description: Complete list of Type II and Type V Cas orthologs with characterized PAMs. Information regarding % identity to SpyCas9 or FnCas12a, the PAM determination method, the validation method, and whether a crystal structure is available are also included.

Title: Supplementary Data 2.

Description: List of engineered Type II and Type V Cas nuclease variants. Information regarding the PAM determination method and off-target analysis are also included