Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Protein and Reporter sequences in this study.

File Name: Supplementary Data 2

Description: Primers, targets and corresponding amplicon used for evaluating editing efficienct at endogenous loci in this study.

File Name: Supplementary Data 3

Description: Primers and corresponding amplicons for Cas9-denpendent off-target sites.

File Name: Supplementary Data 4

Description: Primers, target and AAV vectors for in vivo editing study.