

**Title:** Supplementary Data 1:

**Description:** Annotation of all the mutations by wAnnovar.

**Title:** Supplementary Data 2:

**Description:** Number of sequence variants identified in base-edited iPSC clones at CRISPR/Cas9 target and in silico-predicted off-target sites.

**Title:** Supplementary Data 3:

**Description:** Validation of mutations by amplicon deep sequencing and Sanger sequencing