Title: Supplementary Data 1: Description: List of guide RNAs

Title: Supplementary Data 2:

Description: List of predicted off-targets

(sgEx4\_mt20s)

Title: Supplementary Data 3:

Description: List of predicted off-targets (sgS8)

Title: Supplementary Data 4:

Description: List of predicted off-targets (sgS14)

Title: Supplementary Data 5:

Description: List of predicted off-targets (sgS34)

Title: Supplementary Data 6:

Description: List of cell lines and culture media

Title: Supplementary Data 7:

Description: List of oligonucleotides

Title: Supplementary Data 8: Description: List of antibodies

Title: Supplementary Data 9:

Description: List of amplicon-based NGS BAM files

Title: Supplementary Data 10: Description: List of WGS data