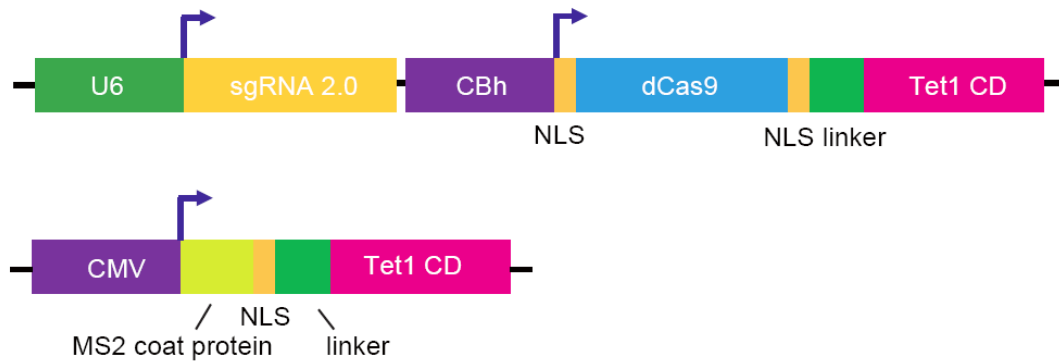


Supplementary Figure S1



Supplementary Figure 1

Schematic representation of sgRNA2.0-guided demethylation system expression cassettes. The U6-driven sgRNA2.0 scaffold and hybrid CBA promoter (CBh)-driven dCas9-Tet1-CD cassette were on the same plasmid. On the backbone of another vector, the expression of MS2 coat protein-fused Tet1-CD (MS2-Tet1-CD) was driven by CMV promoter. Detailed amino acid sequences were displayed in Supplementary Materials I and II.