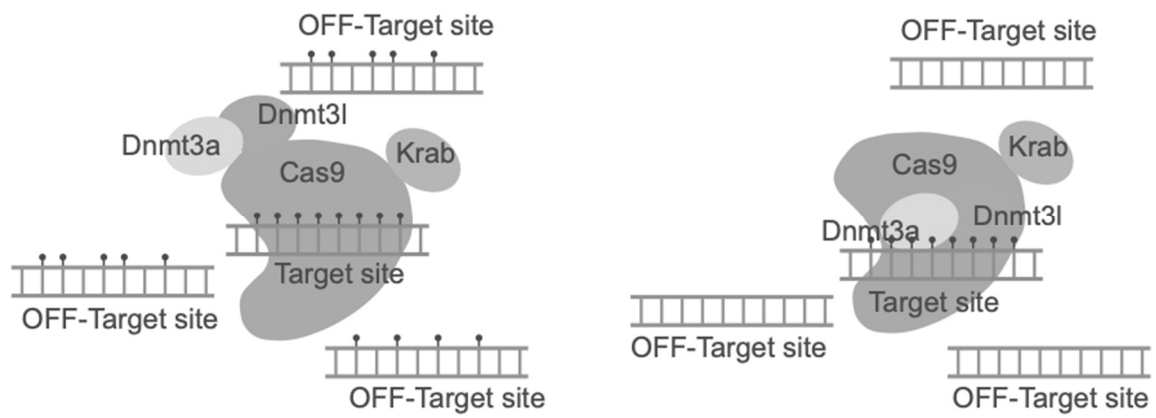
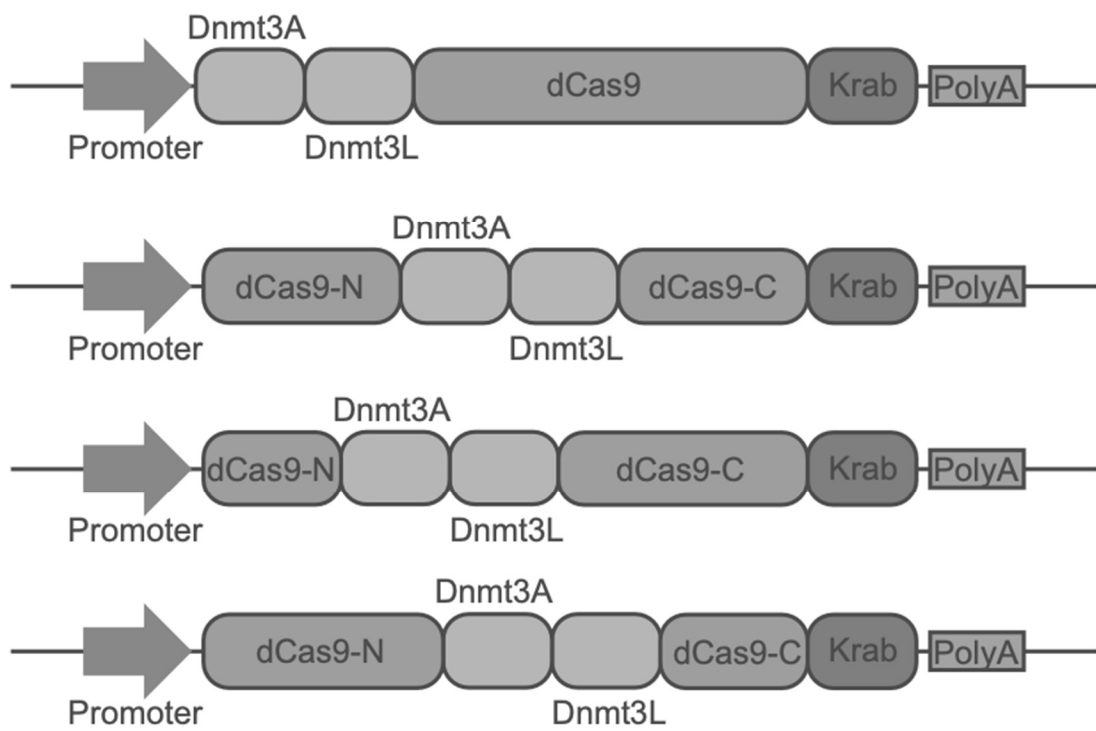


FIGURES**Fig. 1A****Fig. 1B**

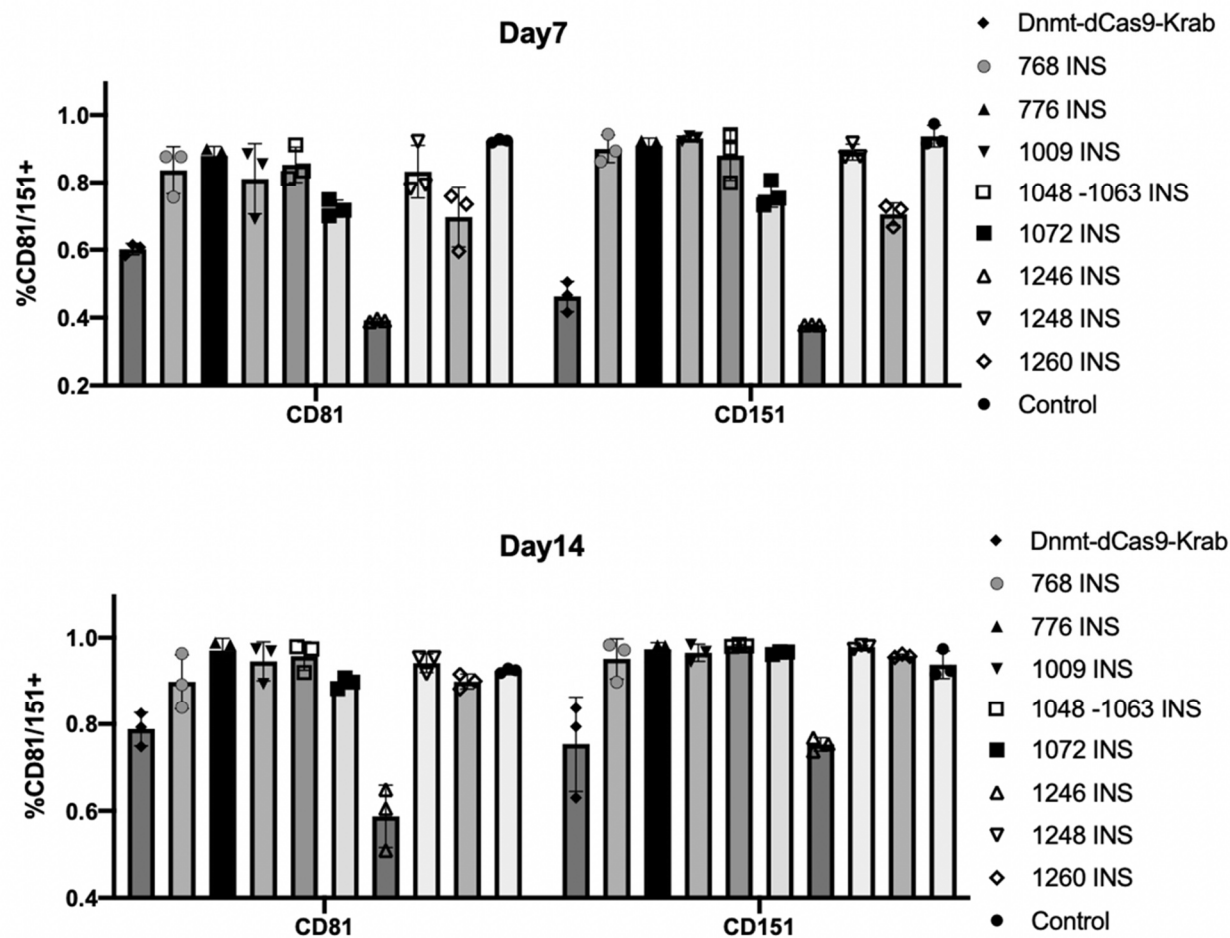


Fig. 1C

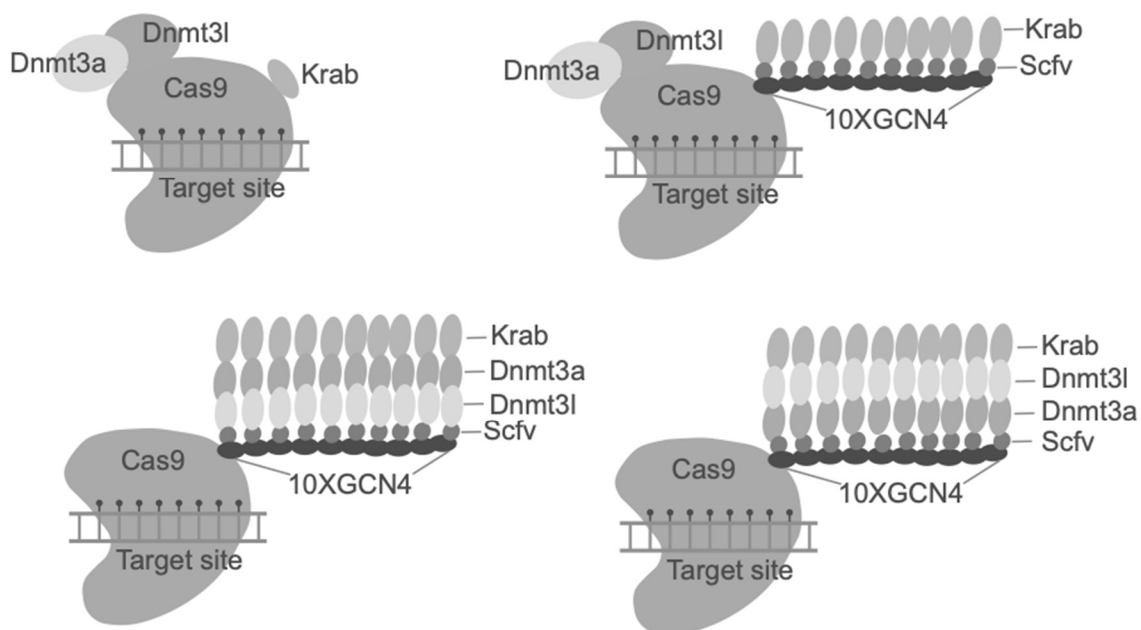


Fig. 2A

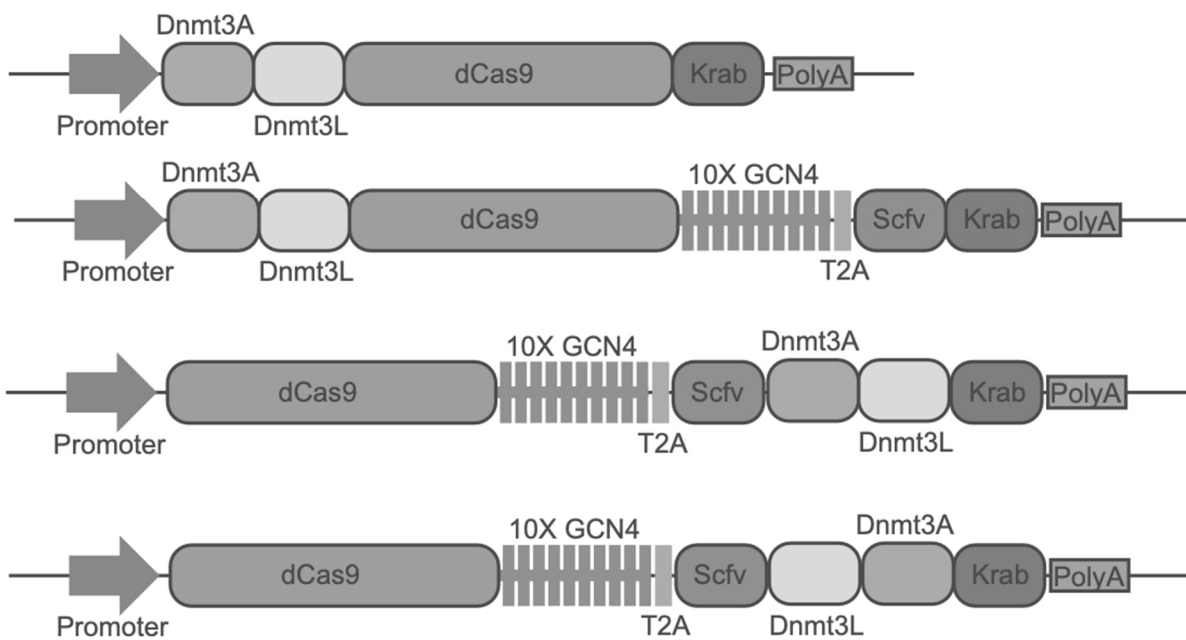


Fig. 2B

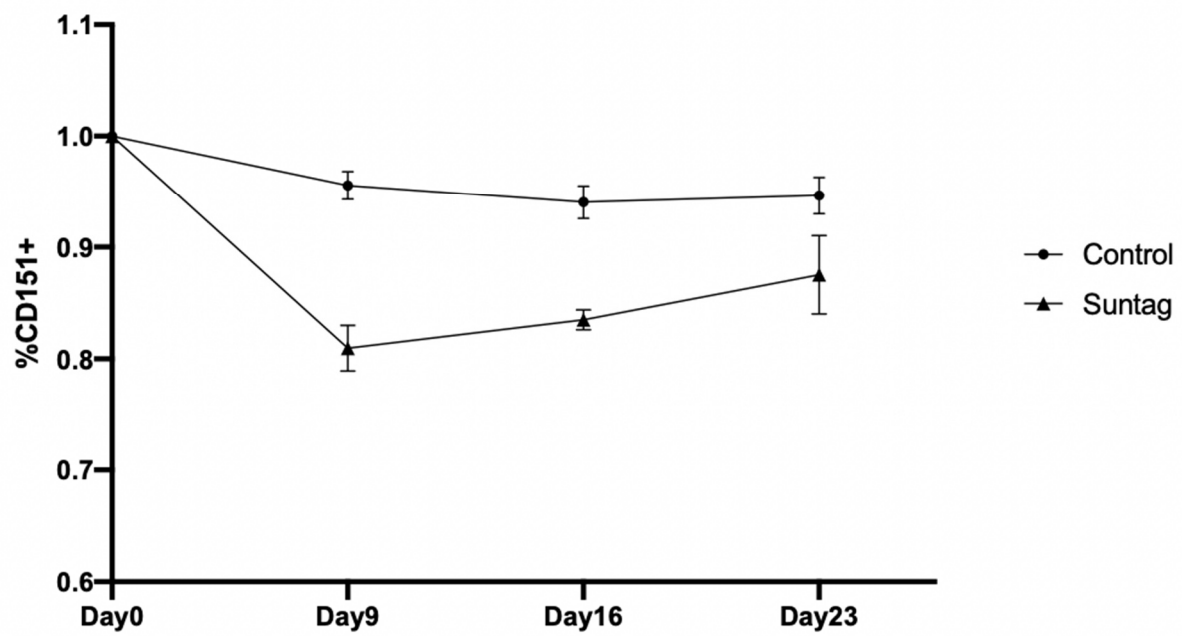


Fig. 2C

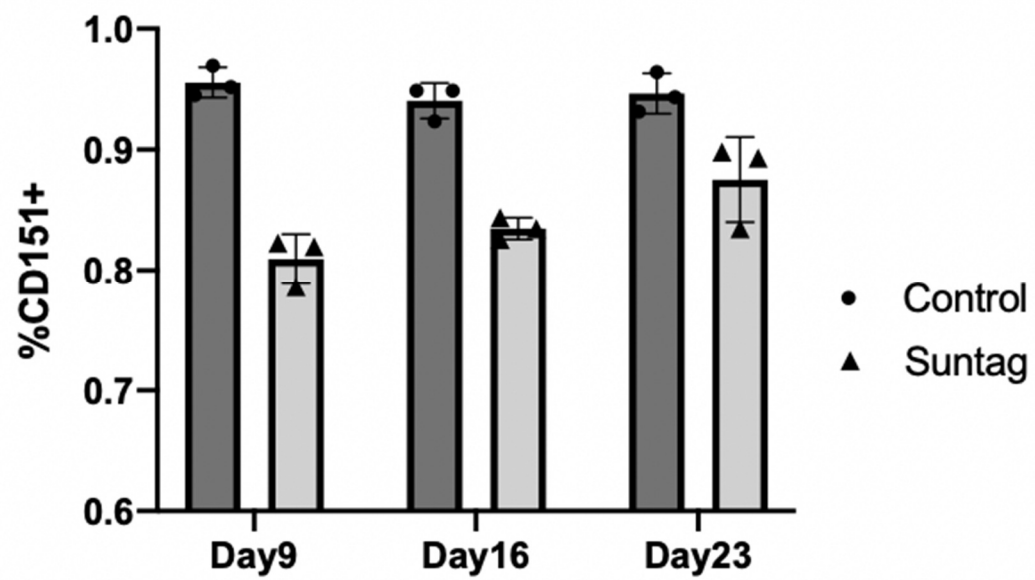


Fig. 2D

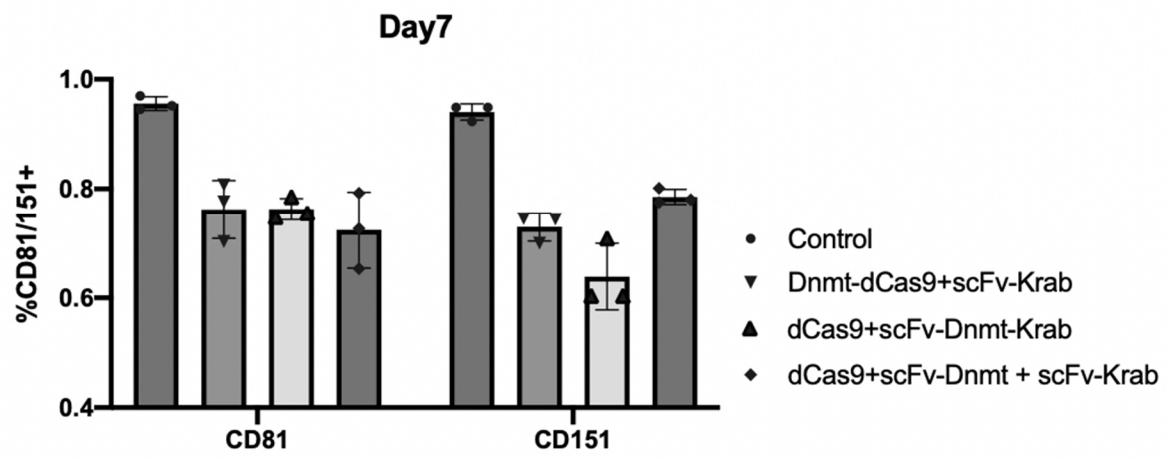


Figure 1 shows four different genetic constructs (A, B, C, D) for the generation of Dnmt3a knock-out mice. Each construct starts with a promoter (arrow) followed by a dCas9 expression cassette (grey box) and a T2A signal (vertical line). Construct A: dCas9, T2A, MCP, Krab, PolyA. Construct B: dCas9, T2A, MCP, Krab, Dnmt3a, PolyA. Construct C: dCas9, T2A, MCP, Krab, Dnmt3l, PolyA. Construct D: dCas9, T2A, MCP, Krab, Dnmt3l, PolyA. The Dnmt3a gene is shown as a light grey box, and the Dnmt3l gene is shown as a dark grey box.

Fig. 3B

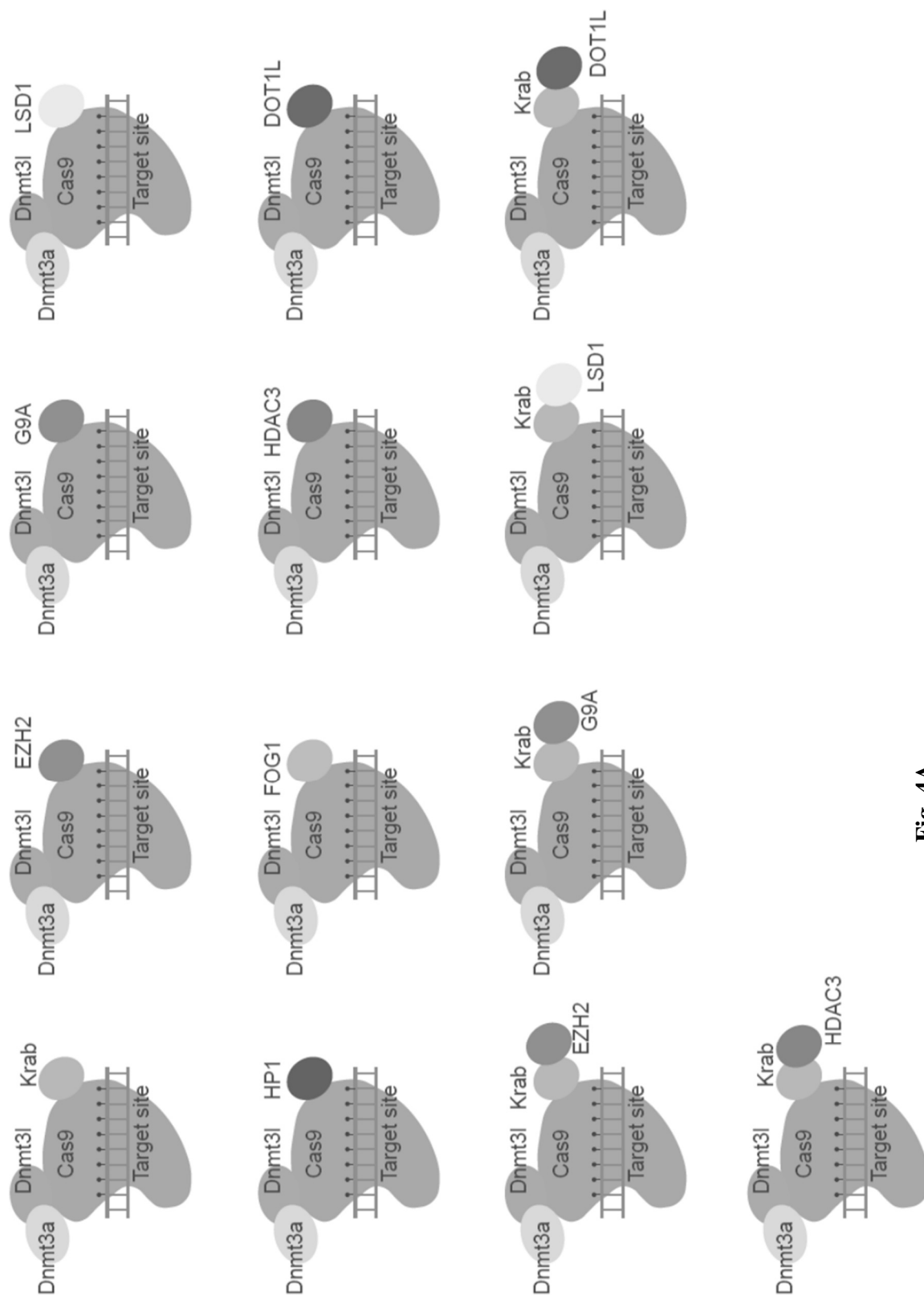


Fig. 4A

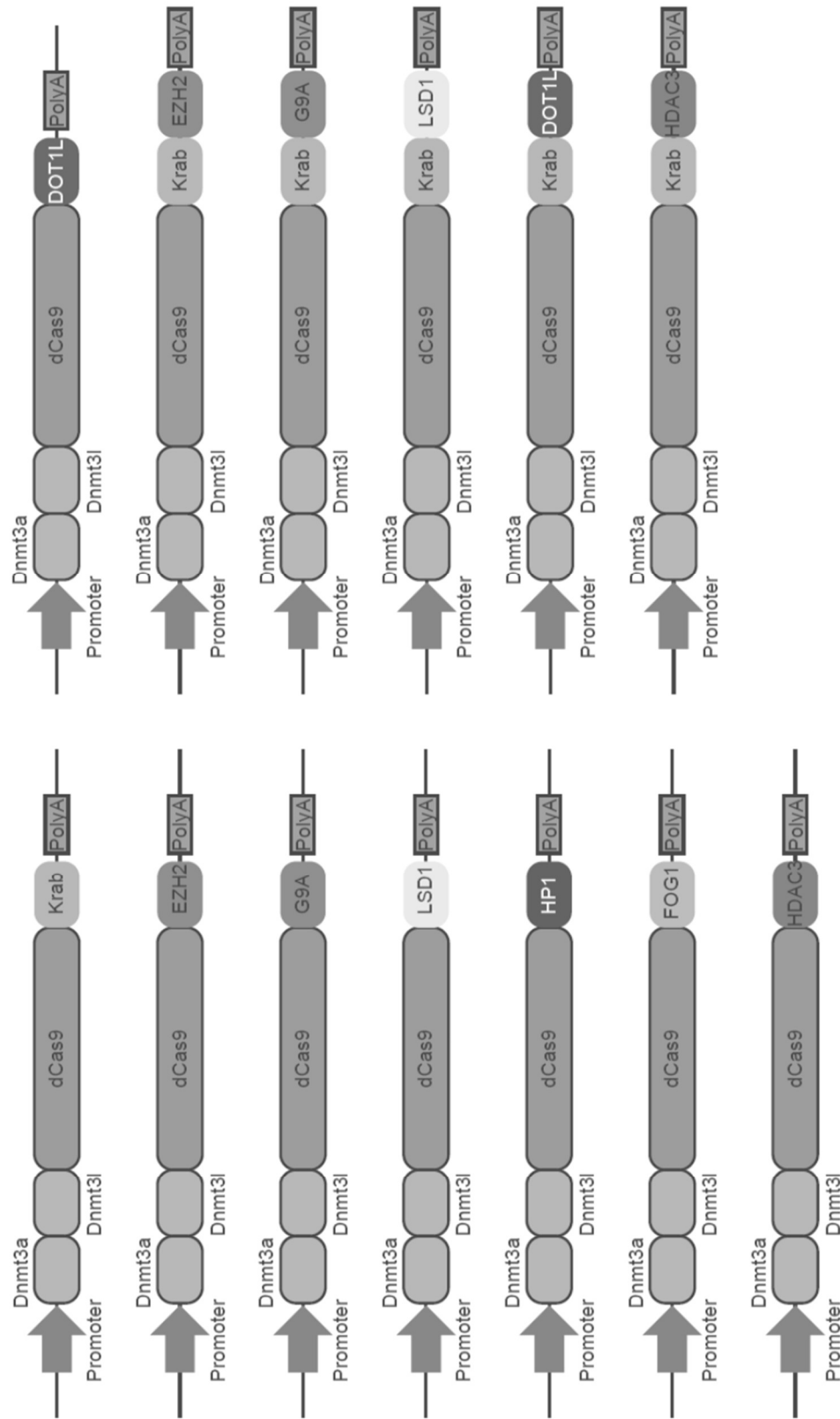


Fig. 4B

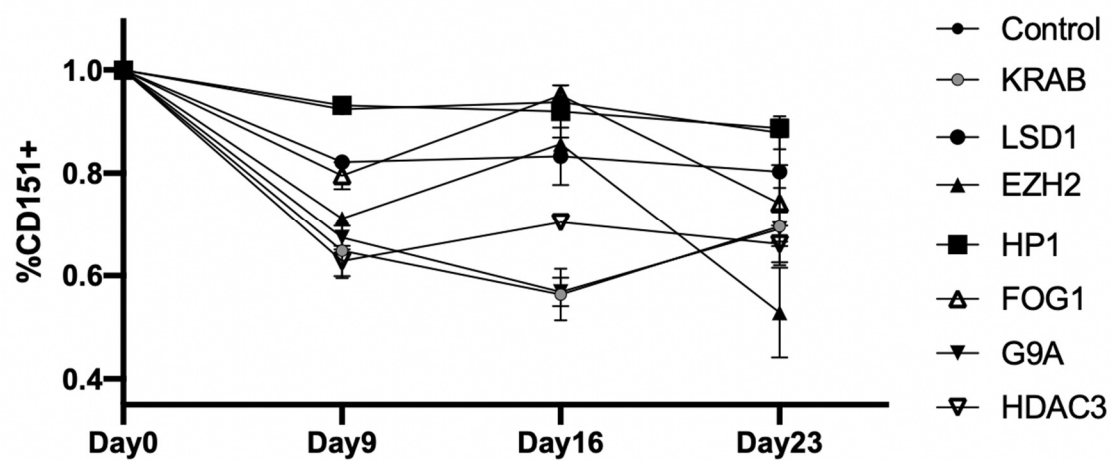


Fig. 4C

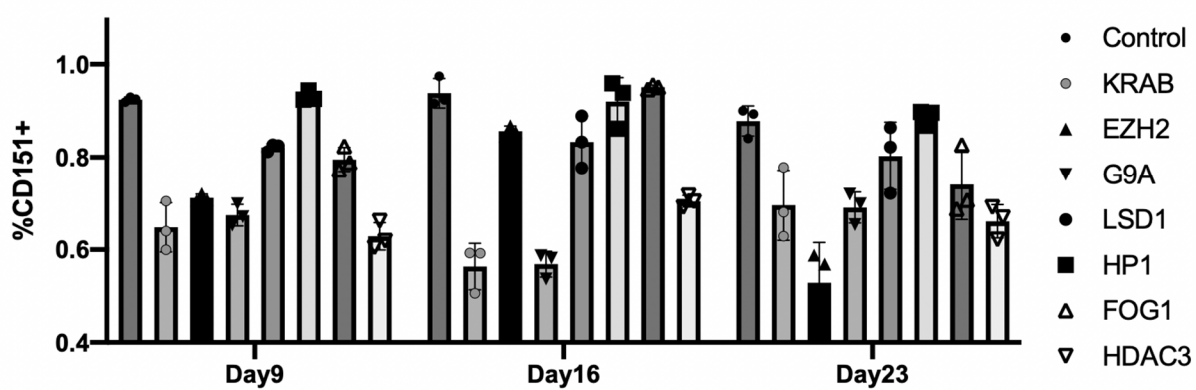


Fig. 4D

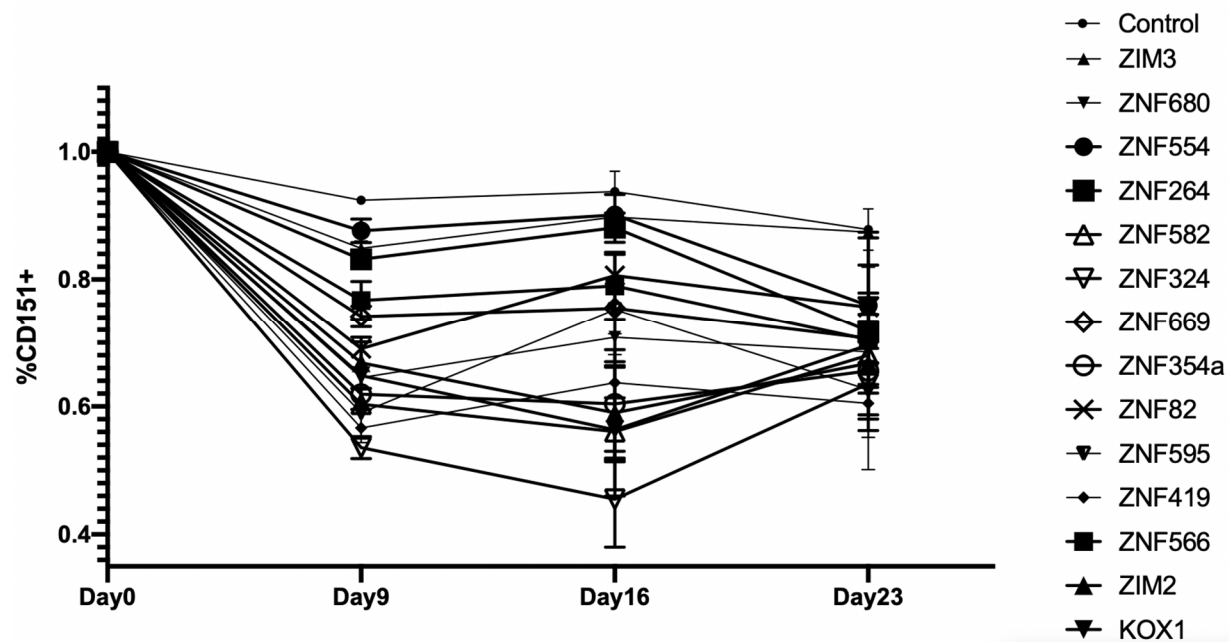


Fig. 4E

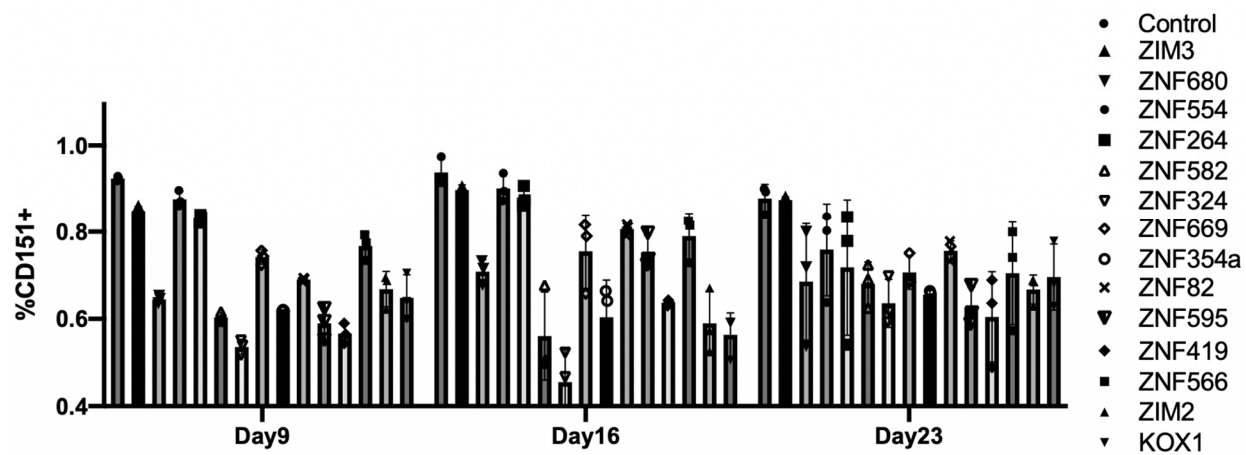


Fig. 4F

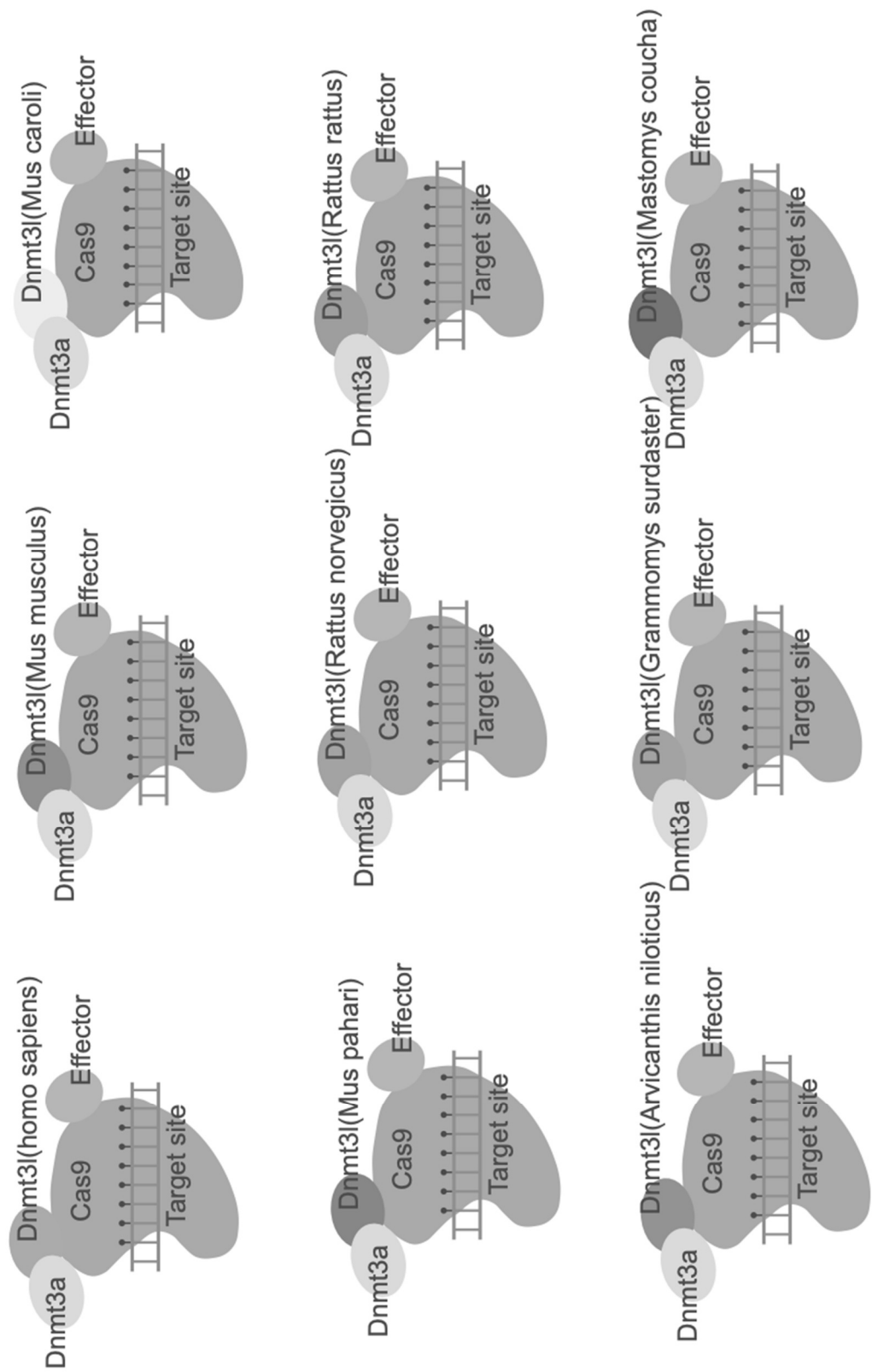
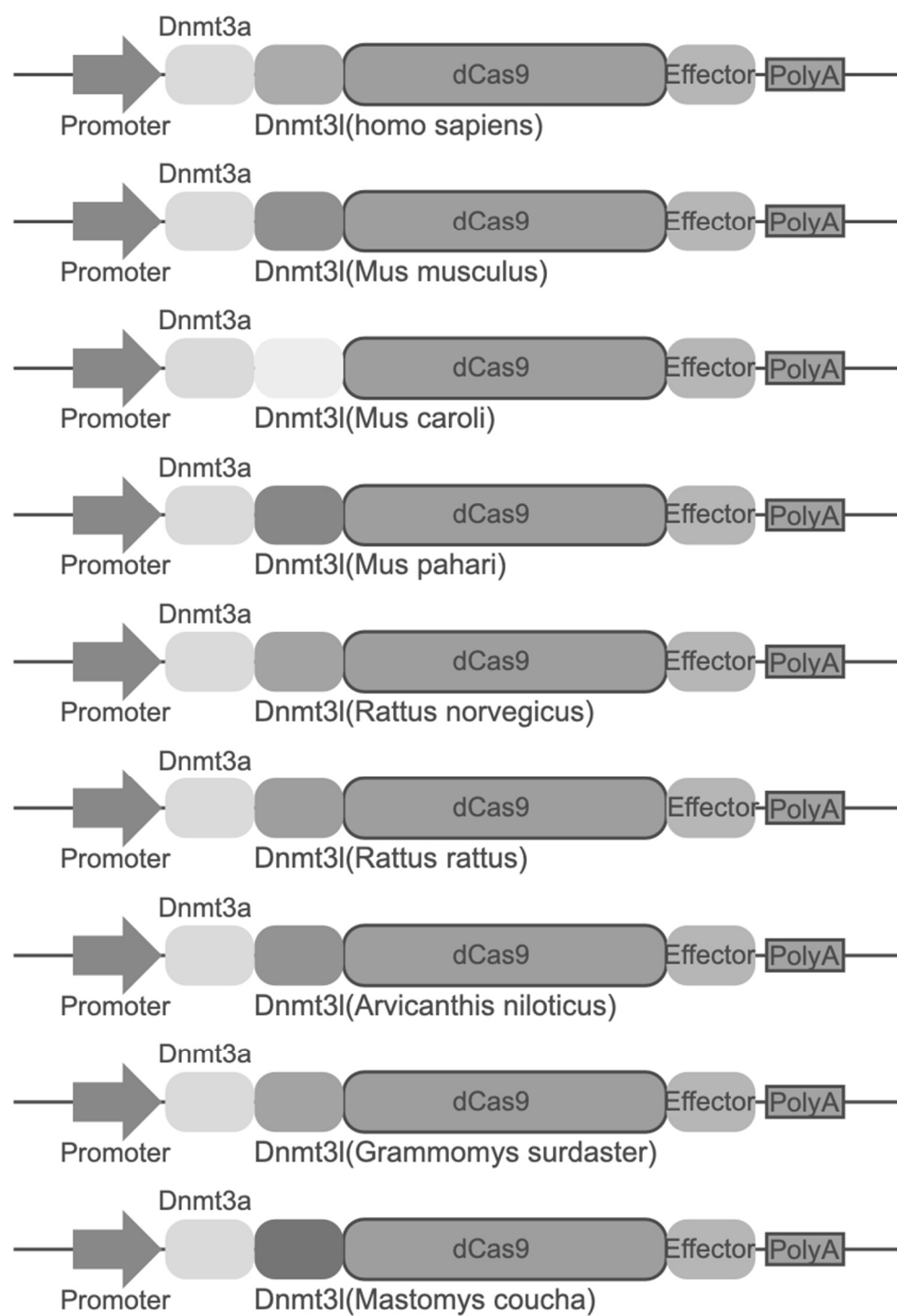


Fig. 5A

**Fig. 5B**

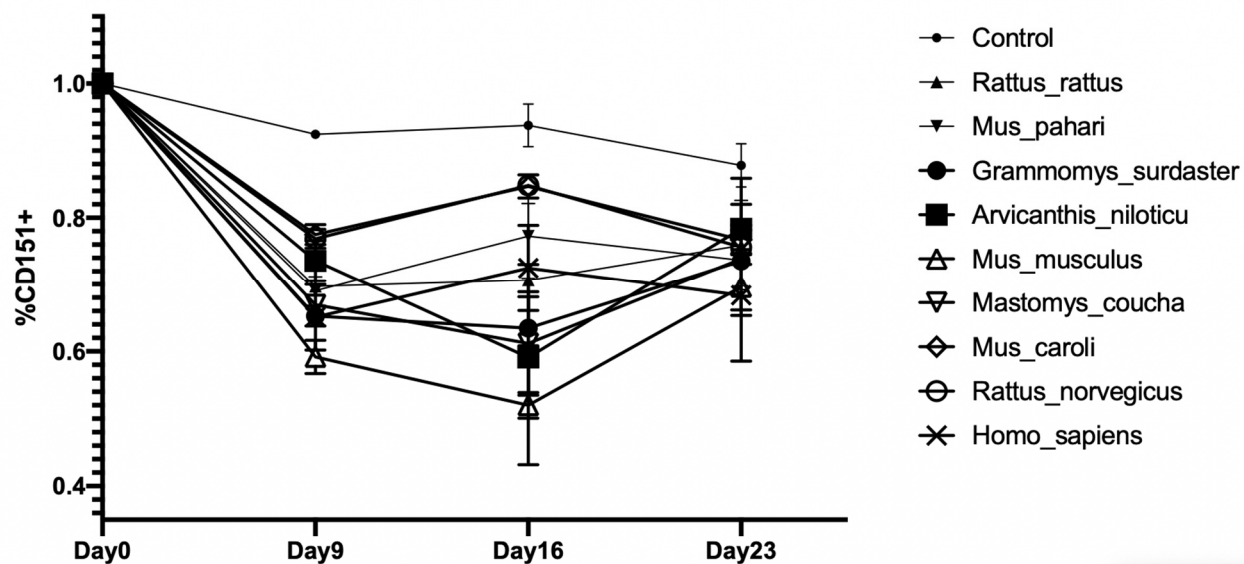


Fig. 5C

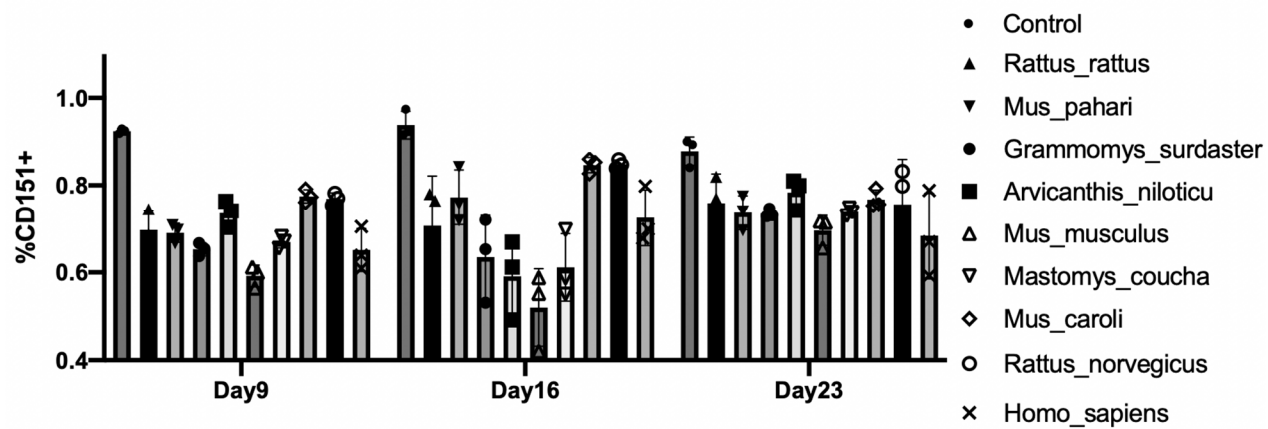


Fig. 5D

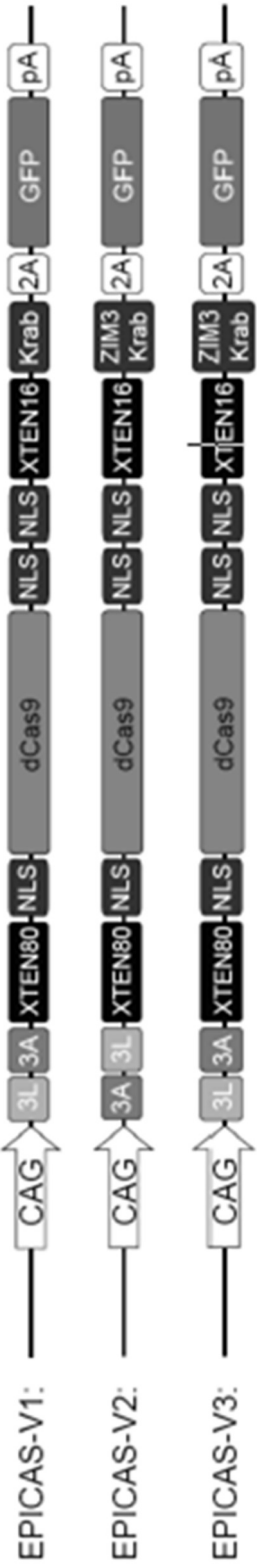


Fig. 6A

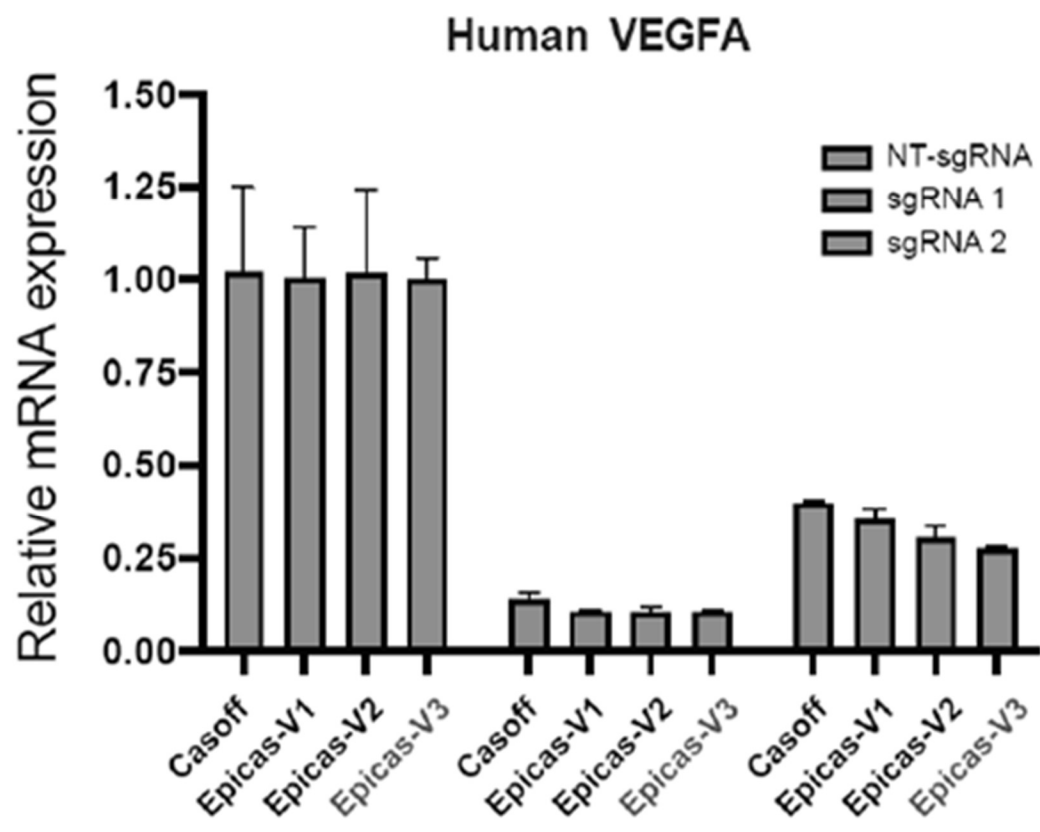


Fig. 6B