



Supplementary information

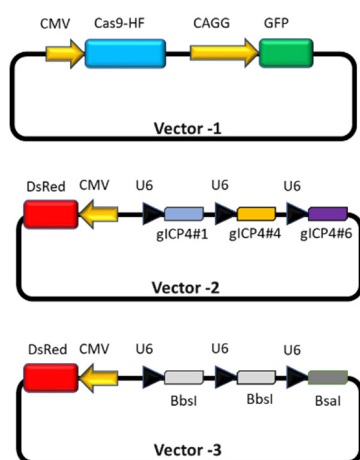


Figure S1: Vector 1 encoding Cas9-GFP (top), vector 2 encoding gICP4- DsRed (middle), vector 3 encoding gNS-DsRed (bottom)

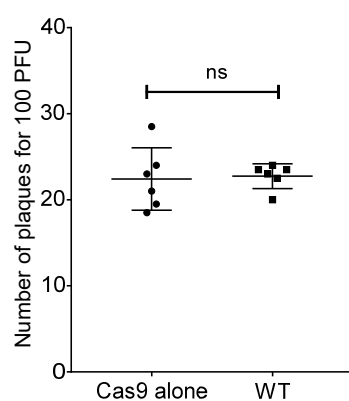


Figure S2: Six individual CEF cultures of Cas9-only or WT were plated at 2×10^6 cells per well in duplicates and infected with 100 PFU of MDV Woodland strain (p19). Plaques were counted at 5 dpi. Error bars correspond to SEM. T-test was performed. ns denotes not significant.

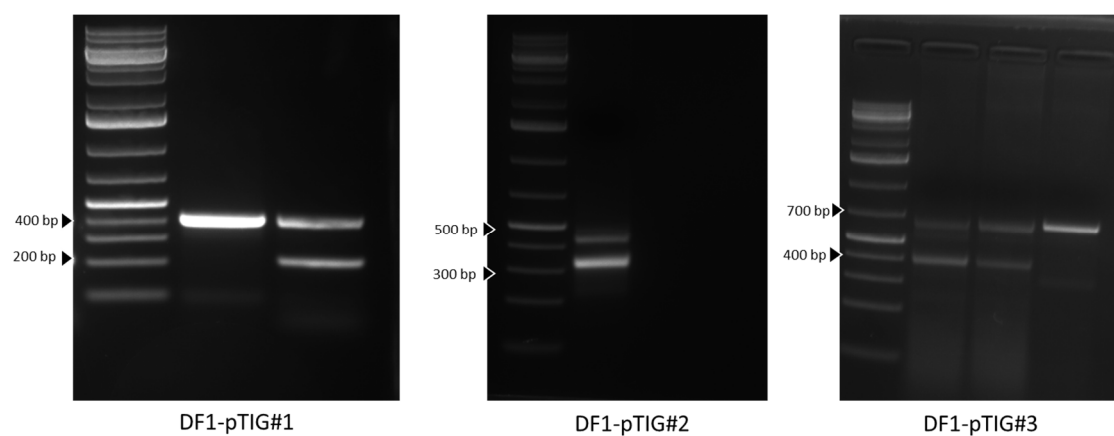


Figure S3: Uncropped gel images for Figure 2b. Details of the lanes in the gels were provided in figure legend 2b.

Supplementary Table S1. List of primers used in the study.

PCR Primer	Use	Sequence (5'-3')
gRNA_1_Fwd	PCR	CACCGGGAAGCTACGGTTCAAGTG
gRNA_1_Rev	PCR	AAACCACTTGAACCGTAGCTTCCC
gRNA_2_Fwd	PCR	CACCGACAAGCTGTCGAAATCAGGC
gRNA_2_Rev	PCR	AAACGCCTGATTTTCGACAGCTTGTC
gRNA_3_Fwd	PCR	CACCGATTGTTTCGAGCCGCCCGCGT
gRNA_3_Rev	PCR	AAACACGCGGGCGGCTCGAACAATC
gRNA_4_Fwd	PCR	CACCGATTGCGTTGGACGGCTCGGC
gRNA_4_Rev	PCR	AAACGCCGAGCCGTCCAACGCAATC
gRNA_5_Fwd	PCR	CACCGTCAATGATACATGGACCGTT
gRNA_5_Rev	PCR	AAACAACGGTCCATGTATCATTGAC
gRNA_6_Fwd	PCR	CACCGTATACAGTCGAAACGCGCC
gRNA_6_Rev	PCR	AAACGGCGCGTTTCGACTGTATAC
Poly-A-Fwd	PCR	ACCGGTCATCATCACCATCACCATTG
Poly-A-Rev	PCR	GGCCGGCCCATAGAGCCCACCGCATCCC
PCR-pX458-Fwd	PCR	CCCGGGGTCGACGAGGGCCTATTTCCCATGAT
PCR-pX458-Rev	PCR	CCCGGGCTCGAGAAAAAAGCACCGACTCGGTG
PCR-pX333-Fwd	PCR	CCCGGGGTCGACCGAGAATGGCGCATGTGAG
PCR-pX333-Rev	PCR	CCCGGGCTCGAGGGCGGGCCATTTACCGTAAG
DsRed-Fwd	PCR	GCGTCGACTCGCCACCTCTGACTTGAGC
DsRed-Rev	PCR	GCGGAATTCGTTACGTAGTGGGCCATCG
ICP4-P-Fwd	PCR	ACTGCAATCGTTCAGCAGGACAC
ICP4-P-Rev	PCR	ACTAATCGGGATCTAGCGCCTTG
ICP4-M-Fwd	PCR	ACTACCGAGATTACCTGGGTGGA
ICP4-M-Rev	PCR	ACTGTCTGGACCACATAGGAGCG
ICP4-D-Fwd	PCR	ACTGCTGTTTATGGCGCGTATGG
ICP4-D-Rev	PCR	ACTTCATTGCCCCGAATGTCCGAA
ICP4-#1-Fwd	PCR	AGATACGTATAACAATGCTG
ICP4-#1-Rev	PCR	GCAGCGAGACGCCTTGATAA
ICP4-#2-Fwd	PCR	CGGAACGTCGGACATGTTTC
ICP4-#2-Rev	PCR	TAAGTGCTTGTCGATGCCCA
ICP4-#3-Fwd	PCR	CTTACCCAAGAGCAGTGCGT
ICP4-#3-Rev	PCR	CGAGCCGTCGGATGTAAGAA
Cas9-Fwd	PCR	GTGCGTCAGCTCAATCGTTC
Cas9-Rev	PCR	TAAGTTTCCGCGACAAGGCT
gRNA-Scr-Fwd	PCR	CACCGGGAAGCTACGGTTCAAGTG

gRNA-Scr-Fwd	PCR	AAACGGCGCGTTTCGACTGTATAC
OVM-Fwd	PCR	CGCGGACCTCAATAAATATTACCAGCCT
OVM-Rev	PCR	CGCCACCTCGTTATGGCCTTGT
ICP4-qPCR-Fwd	qPCR	TCGTGCTTTCTGTGCTCGAT
ICP4-qPCR-Rev	qPCR	CGAGACCCCAGGACGTTCT
ICP4-Probe	qPCR	FAM-TGCACTGCATTCCGAGAG-TAMRA
