

Figure S1. Expression of seven immediate-early genes assayed by qRT-PCR in wt or Oct1 KO MDBK cells infected at MOI = 1. This figure is supplementary to Figure 4 in the main text.

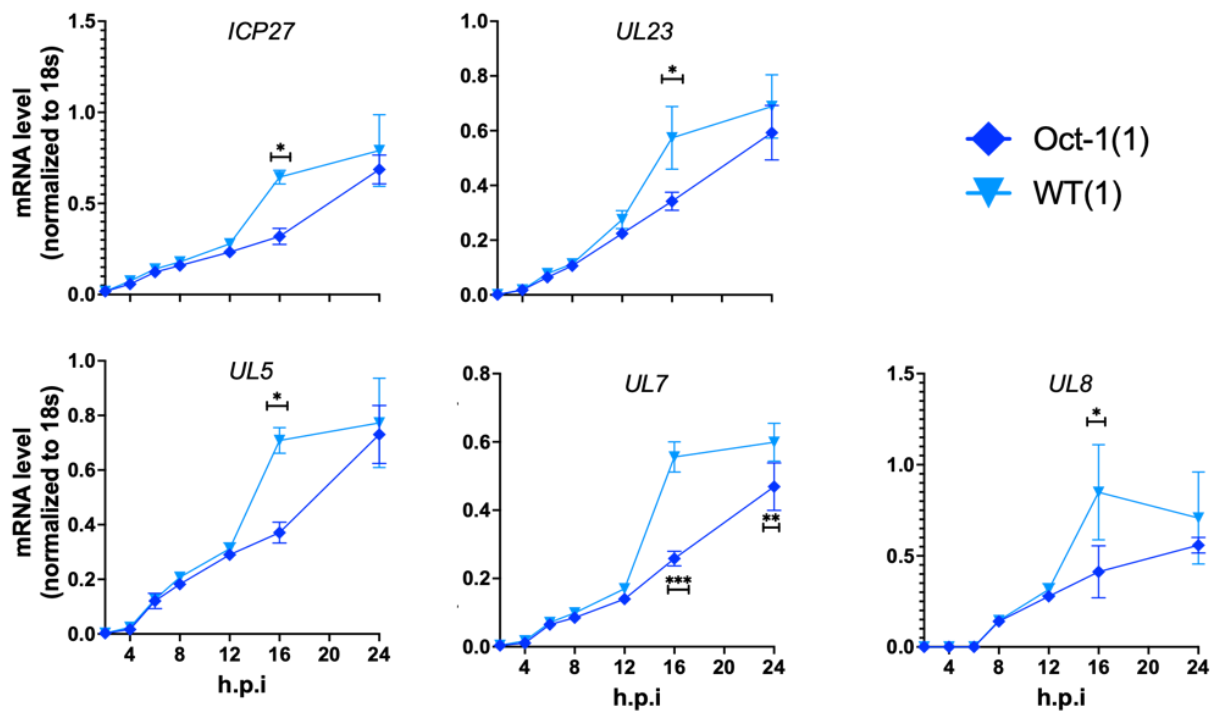


Figure S2. Expression levels of five early genes of BoHV-1 in Oct1^{-/-} and wt MDBK cells infected with MOI=1, at the mRNA level assayed by qRT-PCR. This figure is supplementary to Figure 5 in the main text.

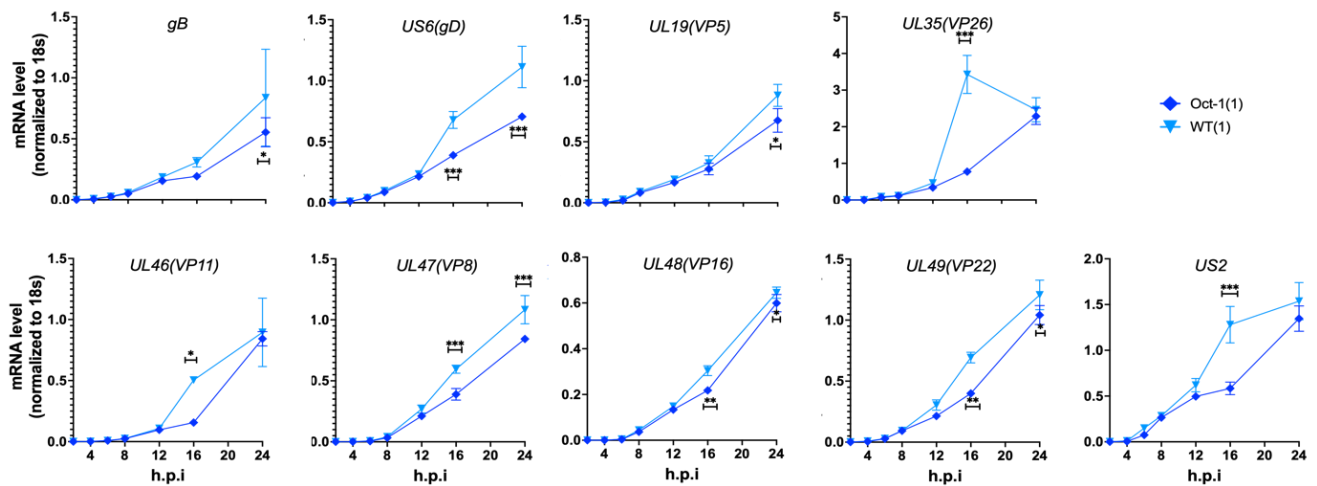


Figure S3. Expression of six late genes of BoHV-1 after infecting wt or Oct1^{-/-} cells at MOI=1 assayed by qRT-PCR. This figure is supplementary to Figure 6 in the main text.

Table S1. Primers used to amplify Oct1 from cDNA and cloning into a piggyBac vector.

Gene	Primer sequences (5'-3')
OCT1	CATTTTGGCAAAGAATTCCTAGGACGCGTGCCACCATGGCGGACGGAGGAG-
	CAGCGAGTC
	TCTACAAATGTGG-
	TATTCGAAGTTTAAACTCAATGGTGGTGGTGATGATGCTGCGCCTT-
	GGAGGCGGTGGTGGTG

Table S2. primers used in semi-quantitative RT-PCR for assaying Oct1-KO MDBK cells.

Primers	Primer sequences (5'-3')	Length
OCT1-2	CTTCAGCCAAACTACCATCTCTCGT	178 bp
	GTTCAAGCCCTCAATCCCCAT	
GAPDH	CTGACCTGCCGCTGGAGAAA	149 bp
	GTAGAAGAGTGAGTGTCTGCTGTT	

Table S3. Primer used for detecting BoHV-1 genes and host gene 18S by RT-qPCR.

Gene	Primer sequences (5'-3')	Gene	Primer sequences (5'-3')
18S	TGTGATGCCCTTAGATGTCC TTATGACCCGCACTTACTGG	UL35	GCAGATTTTGCATGTGCTAAACGCC CGTGGTCGTAGGTCGCAAACAT
bICP4	CGGAGAGCAGCGAGGACGACGG GCTTCGATGGCGGCGGCTATGA	UL34	CGGCCAGGACGGAAGCAACGAG CGCGGGCCTTGATCTTCTCCAGC
bICP0	GCTGTGGATGAGAGACTGCACGG TGGGATCGTGCTGCATCTGC	UL33	CCCCCGAGGCGCTGGC CCCGCCCGAGCCGTGTGC
bICP22	TCGCCATCGACGTCAACACCCT CGTGTAGCCGAGCAGGAAGAAG	UL21	GGGGGCGCGTTTGTGGACTG GCCCCGAGAGCGCGTTGGTGAT
gD	CGAGCCCAGGAAGCACTTTG ACCGTGCCGTCGATGTACAG	UL5	CGTTTACTGCTGGTGGCTCATCAAT TGGTGATAAGGCAGGTGAGGACATT

U_L46 TGCCGCTTCGCTCACTTTAC
TCAGCAGCGCCAGCTTAAAC
U_L47 TGCCCAGCCTCAGGTAGAG
GTGGTTATTAGGAGCCCATGC
U_L48 GATCAACTACGGGACGACTCCA
CGCCTGAGCCAGATGTGTG
U_L49 CCTACAACCGAACGATCTTTTGCGA
ACTTCAACATGCGATCCAATCGCTC
U_L7 CGACGTTACGTCATCGTCCATTAC
TACGCATCGCAGTCCACTTCTTCG
U_L19 ACGAGTGGCTGGTGCTGGCTAA
ATGTTGGTCACGGCTTCCTGC

U_L8 GACTACTGCTTCTTGCTGGGGTTTC
AATGCGGCGGTTTCAGGCTTGC
U_L23 CTCTGCTACCCCTTCGCCCCGCTACT
AGGGTGACACGACGAGGTTGGC
g^B CACGGACCTGGTGGACAAGAAG
CTACCGTCACGTGCTGTGTAC
bICP27 GCTGTTGGAGGTGACTGTGGGC
TACACGGGAACCAGGGTGAAAT
CCCTGCCGCAAGTTTATGCTGTAT
CirC GTAAGAAAGTCGTGCAGTGAATCGG
US2 TAGTAAAAACGGCGAAGGGCTGC
CCCGAGTTCAGCAAGTTGTAGCC
