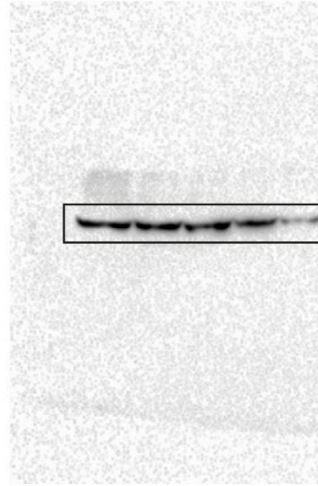
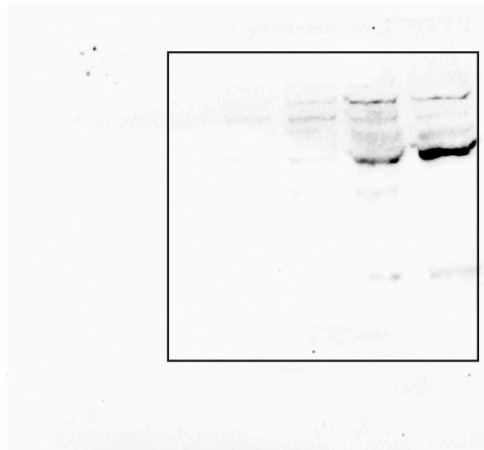
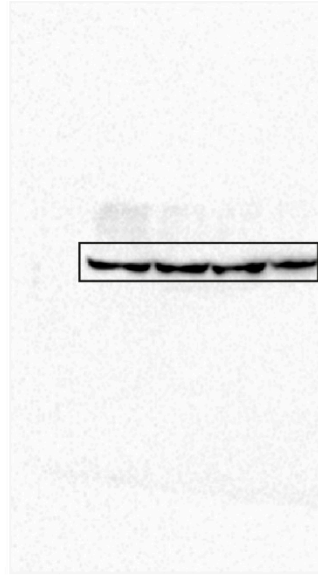
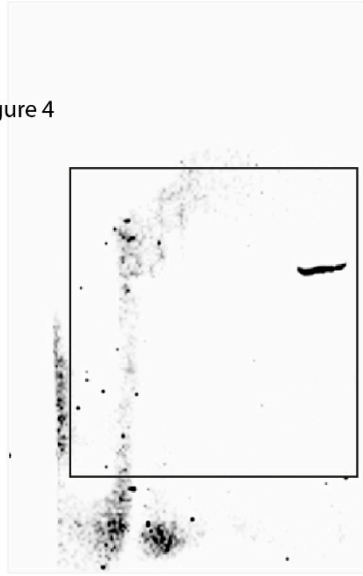
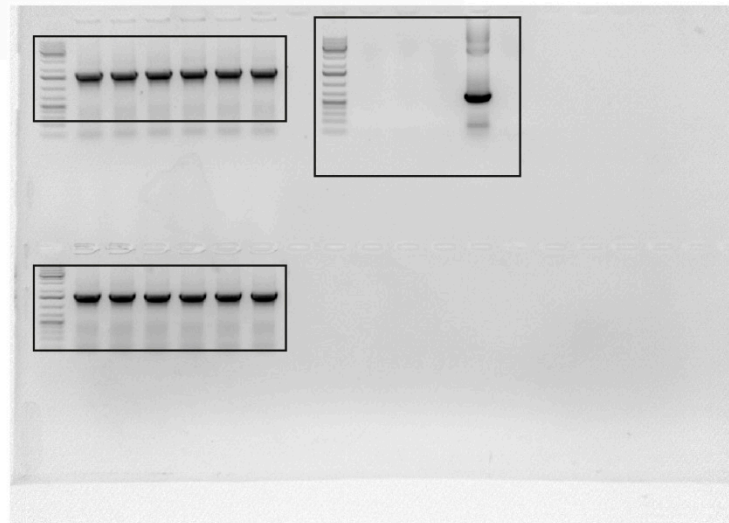


Related to Figure 4



Related to Figure 4



**Table S1.** Primers used in this study.

#	Primer	Sequence	Purpose	Reference
1	sg137152F	CACCGTAGCCTCGCCGAAGCTCGA	For cutting UL4 gene region	This study
	sg137152R	AAACTCGAGTTCGGGCGAGGCTAC		
2	sg136416F	CACCGTCAGCGGGTACACTTTATA	For cutting UL47/US4 intergenic region	This study
	sg136416R	AAACTATAAAGTGTACCCGCTGAC		
3	sgA-Fwd	CACCGAGATCGAGTGCCGCATCAC	For releasing expression cassettes from the donor plasmid	10.1093/nar/gkw064
	sgA-Rev	AAACGTGATGCGGCACTCGATCTC		
4	sgB-Fwd	CACCGGCAGCCGAAGCAACATGGG	For releasing expression cassette of F gene (MCS1)	10.1242/dev.099085
	sgB-Rev	AAACCCCATGTTGCTTCGGCTGCC		
5	dsREDClon2F	CCGGAATTCTCCACCATGGCCTCCTCCGAGGACG	mRFP gene amplification primers for MCS2	This Study
	dsREDClon2R	GTACTCTAGAGGCGCCGGTGGAGTGCC		
6	FClon1F	CTAGCTAGCTCCACCATGGGCTCCAAACTTTCTA	F gene amplification primers for MCS1	This Study
	FClon1R	GCCGGTACCTGCTCTTGTAGTGGCTCT		
7	CMV-MCS1-F	AGAACCCACTGCTTACTGGCTT	Internal control primer set for MCS1	This Study
	CMV-MCS1-R	AACTAGAAGGCACAGTCGAGGC		
8	pEF-MCS2-F	TCAAGCCTCAGACAGTGGTTCA	Internal control primer set for MCS2	This Study
	pEF-MCS2-R	TTCCGCCTCAGAAGCCATAGAG		
9	IR/US4F	TAAAGCCGGTGATAGACGAGCC	Primer set for correction of recombinant virus	This Study
	IR/US4R	TTAGCACAGACACGCAAACCAC		