

Table S1. Primers used in this study

Primer name	Primer sequence 5'---3'
eGFP-F	CCATCGAT ATGGTGAGCAAGGGCGAGGAG
eGFP-R	ACAT GCATGCT TACTTGTACAGCTCGTCCATGCC
Fluc-F	CCATCGAT ATGGAAGATGCCAAAAACATTAAG
Fluc-R	AT GCATGCA CTTTACACGGCGATCTTGCCGCCCTTC
LaSota-NP-F	CGGAATTC ATGTCTTCCGTATTTGATGAGTACGA
LaSota-NP-R	CCG CTCGAGT CAATACCCCCAGTCGGTGTCGTTA
LaSota-P-F	CGGAATTC ATGGCCACCTTTACAGATGCAGAGA
LaSota-P-R	CCG CTCGAGT TAGCCATTTAGAGCAAGGCGCTTG
LaSota-L-F	CATG CCATGGC GAGCTCCGGTCCTGAAAG
LaSota-L-R	GG ACTAGT TTAAGAGTCACAGTTACTGTAATATCC
T7-F	CGGAATTC ATGAACACGATTAACATCGCTAAG
T7-R	CCG CTCGAGT TACGCGAACGCGAAGTCCGACTC
LaSota-V-F	CGGGATCC ATGGCCACCTTTACAGATGCAG
LaSota-V-R	CCCTCGAGT TACTTACTCTCTGTGATATC
LaSota-M-F	CGGAATTC ATGGACTCATCTAGGACAATTGGGC
LaSota-M-R	G CTCTAGAT TATTTCTTAAAAGGATTGTATTTGGC
LaSota-W-F1	CGGGATCC ATGGCCACCTTTACAGATGCAG
LaSota-W-R1	CCCTCGAGT CACGTCTGTGCCCTGGTTTC
LaSota-W-F2	AATGCTAAAAAGGGGGCCCATGGTCGAGCCCCCAA
LaSota-W-R2	GGGCCCCCTTTTTAGCATTGGAC
LaSota-F-F	GGATCC ATGGGCTCCAGACCTTCTACCAAG
LaSota-F-R	cc CTCGAGT CACATTTTGTAGTGGCTCTC
LaSota-HN-F	GGATCC ATGGACCGCGCCGTTAGCCAAG
LaSota-HN-R	G CTCTAGAC TAGCCAGACCTGGCTTCTCTAAC
LaSota-NP-F	GAATTC ATGTCTTCCGTATTTGATGAGTACG
LaSota-NP-R	CTCGAGT CAATACCCCCAGTCGGTGTCG
LaSota-V _{W195R} -F1	CGGGATCC ATGGCCACCTTTACAGATGCAG
LaSota-V _{W195R} -F2	CAACTATCAGCGCCTGCAACCCCTCATG
LaSota-V _{W195R} -R1	CCCTCGAGT TACTTACTCTCTGTGATATC
LaSota-V _{W195R} -R2	CATGAGGGGTTGCAGGCGCTGATAGTTG
LaSota-V ₁₋₂₂₁ -F	CGGGATCC ATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₂₂₁ -R	CCG CTCGAGT TAAACAGGTGGCTGGACATGATCCG
LaSota-V ₁₋₁₉₈ -F	CGGGATCC ATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₉₈ -R	CCG CTCGAGT TAGGGGTTGCACCAGCTGATAG
LaSota-V ₁₋₁₉₇ -F	CGGGATCC ATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₉₇ -R	CCG CTCGAGT TAGTTGCACCAGCTGATAGTTG
LaSota-V ₁₋₁₉₆ -F	CGGGATCC ATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₉₆ -R	CCG CTCGAGT TAGCACCAGCTGATAGTTGTG
LaSota-V ₁₋₁₉₅ -F	CGGGATCC ATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₉₅ -R	CCG CTCGAGT TACCAGCTGATAGTTGTGAC
LaSota-V ₁₋₁₉₄ -F	CGGGATCC ATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₉₄ -R	CCG CTCGAGT TAGCTGATAGTTGTGACTCC

LaSota-V ₁₋₁₉₃ -F	CGGGATCCATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₉₃ -R	CCGCTCGAGTTAGATAGTTGTGACTCCTCCC
LaSota-V ₁₋₁₉₂ -F	CGGGATCCATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₉₂ -R	CCGCTCGAGTTAAGTTGTGACTCCTCCCATG
LaSota-V ₁₋₁₉₁ -F	CGGGATCCATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₉₁ -R	CCGCTCGAGTTATGTGACTCCTCCCATGTCC
LaSota-V ₁₋₁₈₃ -F	CGGGATCCATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₈₃ -R	CCGCTCGAGTTATATGCTGTGTTACGTCTGTG
LaSota-V ₁₋₁₇₅ -F	CGGGATCCATGGCCACCTTTACAGATGCAG
LaSota-V ₁₋₁₇₅ -R	GCCCTCGAGTTATGGTTTCCAGGGGCGGCCTTG
rF48-P _{W195R} -F1	AGCTTTGTTTAAACAGAACCAAAGACATTAGAAAAAA ATACG
rF48-P _{W195R} -R1	TGCCTTAATTAAGGTTGCGCGATTATTTAATGAGATAG AGGAGG
rF48-P _{W195R} -F2	ACAACATATCAGCCGGTGCAATCCCTCATG
rF48-P _{W195R} -R2	CATGAGGGGATTGCACCGGCTGATAGTTGT
chicken 28S qPCR-F	GGTATGGGCCCCGACGCT
chicken 28S qPCR-R	CCGATGCCGACGCTCAT
chicken IFN- β qPCR-F	GCTCACCTCAGCATCAACAA
chicken IFN- β qPCR-R	GGGTGTTGAGACGTTTGGAT
Fluc (vRNA)- reverse transcription	ACG ATA AAA GGC GAA GGA GCA
Fluc (cRNA)- reverse transcription	ATG ACG AGA CTA CAC TCA AG
Fluc-qPCR-F	5'-CGCACATATCGAGGTGGACA-3'
Fluc-qPCR-R	5'-GCAAGCTATTCTCGCTGCAC-3'
oligonucleotide linker	ACTTGGCGCGCCAAGCTTTGTTTAAACGGCCCTTAATT AAGGACGCGATCGCGTATAAGAATGCGGCCGCTAAAC TATGCTACGTACCGGACTAGTCCTCCCCGCGGGGATTC GGTCCGAAT
F48E9-Asc-T7-F	AGTTGGCGCGCCTAATACGACTCACTATAGGGACCAA ACAGAGATTCTGTGAGGTACGATAAAAAGC
F48E9-Pme1780-F	AGCTTTGTTTAAACAGAACCAAAGACATTAGAAAAAA ATACG
F48E9-Pme1780-R	CCGGCGCGCCGTTTAAACTGTTGATGGGTCAAGTTGTG CCTGTGTTG
F48E9-Pac3229-F	TGCCTTAATTAATCCTGCAACATTAATGATTAAGAAAA AATACGG
F48E9-Pac3229-R	TGCCTTAATTAAGGTTGCGCGATTATTTAATGAGATAG AGGAGG
F48E9-AsiS4462-F	ACGATTGCGATCGCTTATAGTTAGCTCACCTGTCTATC
F48E9-AsiS4462-R	ACGATTGCGATCGCGACAGATCATTATTTGGCGCCGT GGTG
F48E9-Not6262-F	ATAAGAATGCGGCCGCCTGTCAATTAGAAGAATTAAG

	AAAAAACTACC
F48E9-Not6262-R	ATAGTTT AGCGGCCG CAATTCACACACAAATTGCTCTT
	GGAGATAC
F48E9-delRsr6493-F	TTCGAACAGCAGTCTTACTTTTAATAGTAGTGACCTTT
	TC
F48E9-delRsr6493-R	GTCACTACTATTAAAAGTAAGACTGCTGTTCGAAATA
	CCAAGCGCCATGTATTTTTCG
F48E9-SnaB8333-F	ATCAGG TACGT AGTAGTGAGATACGAGACAAAGCAAC
	TCAC
F48E9-SnaB8333-R	ATCAGG TACGT ATATTTTTTCTTAATCAAGTGACTATT
	GGCAAG
F48E9-Spe11267-F	GGACTAGT CCACCTGGTAATGGAGATTGGGCCAG
F48E9-Spe11267-R	GGACTAGT TAAAGATGTTAGTCATAATGCTAGGAC
F48E9-Sac13218-F	TCCCC GCGG AAGAAAAATGTTCACTACTGAG
F48E9-Sac13218-R	TCCCC GCGG ATAAGCCTCTTATTTTCGGGATTTTC
F48E9-delRsr13828-F	GGGCCAACCCCGACACAGTTCCTGAATTCAGTC
F48E9-delRsr13828-R	GACTGAATTCAGGAACTGTGTCTGGGGTTGGCCCGAAA
	TGTCGCTGTGGGGGGTTCATC
F48E9-Rsr-Rbz-R	GGT CCGG ACCGCGAGGAGGTGGAGATGCCATGCCGAC
	CCACCAAACAAAGATTTGGTGAATGACAGAAC
Pac-GFP-F	CCTTAATTA ATTAGAAAAACACGGGTAGAACGCCAC
	CATGGTGAGCAAGGGCGAGGAGCTGTTC
CE-PacI-GFP-R	TCATTAATGTTGCAGG TTAATTA ATTACTTGTACAGC
	TCGTC

The restriction enzyme sites are in italic font and bold.