

F3	5'-CTATAAACATATATTCAATGGGCC-3'
B3	5'-GCAATATACGCTTTAAACCATG-3'
FIP	5'- ACGTGTCCATAAAACGCAGGTTTTTCAGACATTAGTTTTTCATCGTG-3'
BIP	5'- AGGTTGTGTATTTTCAGGGGTACTTTTTTCATTAATGAAATCTCGCTCAC- 3'
crRNA4	AAUUUCUACUAAGUGUAGAUUUCGUGGUGGUUAUUGUUGGUGU
ssDNA	5'-(FAM)CCACGGGAGGAATACCAACCCAGTG(BHQ1)-3'

Table 1. Sequences of LAMP primer and crRNA.

Table 2. The results between LAMP-CRISPR and real-time qPCR for ASFV detection in clinical samples.

Sample types	Number	Results (Positive/Negative)	
		LAMP-CRISPR	qPCR
Nasal swab	6	5/6	5/6 (CT=21.18-34.15)
Spleen	7	5/7	5/7 (CT=15.26-35.06)
Liver	7	2/7	3/7 (CT=18.46-36.12)
Lung	7	6/7	6/7 (CT=18.65-29.02)
Submandibular lymph node	7	5/7	5/7 (CT=17.26-33.25)
Kidney	7	5/7	5/7 (CT=14.30-31.76)
In total	41	28/41	29/41