

Table S4. Primers used for amplifying the full-length HE and S gene

Target gene	Primer name	Sequence (5'~3')	length (bp)	Reference
HE	893F	GTTATTGTTGTTTAGAAGTGGTGCGT	893	This study
	893R	ATTGACTATCATCATAATACTTTGTA		
	1144F	CTGTGTATCGCAGCCTTACTTTTGTT	1144	
	1144R	CAGTGTGCTCAATAGTAAAGTTCCCT		
	1263F	ATAGGAGATTTAAAGTGTAACAGT	1263	
	1263R	TACAACTGACAACTTGTAGCAGTAGT		
	1387F	TTTATTCAGGCAGACTCATTTACTTG	1387	
	1387R	CACAGACAAAAGCAGAACAATCAATA		
S	1255F	TTACTGTGTGGATTACTCTACAAAAA	1255	This study
	1255R	CGGGACTAACCTTCGCAGTGACATAC		
	798F	TACCGCTCTTAATGCTTATGTTTCTC	798	
	798R	TGTGATGTTTTAATTACTAACTCCTG		
	524F	GAACATTTCAACACCCAACCTCCCTG	524	
	524R	CAGTACCCACTAAACAGCAGGCATTG		