Table 1. Detection of antiviral drug-resistant viruses in Japan during the 2019/2020 influenza season

as of December 17, 2019

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	A(H1N1)pdm09						A(H3N2)						В					
	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir	Amantadine	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir	Amantadine	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir	
Resistant (%)	0	4 ^a (1.2%)	4 ^a (1.2%)	0	0	5 (100%)	0	0	0	0	0	3 (100%)	0	0	0	0	0	
Number of viruses tested	82	324	324	69	69	5	11	7	7	7	7	3	0	2	2	2	2	
Number of viruses reported		761						40						32				

Baloxavir was examined by focus reduction assay and/or PA sequencing.

NA inhibitors were examined by fluorescence-based NA-Fluor assay, chemiluminescence-based NA-XTD assay, real time RT-PCR allelic discrimination and/or NA sequencing.

Amantadine was examined by M2 sequencing.

^a Patients without treatment 2