Table 1. Detection of antiviral drug-resistant viruses in Japan during the 2018/2019 influenza season

as of April 2, 2019

13-01-12-11 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,															r ,		
			A(H1N	V1)pdm09			A(H3N2)						В				
	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir	Amantadine	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir	Amantadine	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir
Resistant (%)	4 ^a (2.7%)	9 ^b (0.7%)	9 ^b (0.7%)	0	0	125 (100%)	25° (14.9%)	0	0	0	0	125 (100%)	0	0	0	0	0
Number of viruses tested	147	1,273	1,273	212	212	125	168	105	105	105	105	125	12	8	8	8	8
Number of viruses reported	2,437						3,099						90				

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 0

^b Patients without treatment 1

^c Patients without treatment 3