

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

as of March 25, 2019

	A(H1N1)pdm09						A(H3N2)						B				
	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir	Amantadine	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir	Amantadine	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir
Resistant (%)	3 ^a (2.3%)	9 ^b (0.8%)	9 ^b (0.8%)	0	0	119 (100%)	25 ^c (18.5%)	0	0	0	0	119 (100%)	0	0	0	0	0
Number of viruses tested	133	1,177	1,177	186	186	119	135	73	73	73	73	119	6	8	8	8	8
Number of viruses reported	2,325						2,784						77				

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