

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

as of September 09, 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 (%)	6 ^a (1.8%)	17 ^b (0.8%)	17 ^b (0.8%)	0	0	188 (100%)	34 ^c (9.6%)	0	0	0	0	155 (100%)	0	0	0	0	0
Number of viruses tested	330	2,099	2,099	316	316	188	356	322	322	322	322	155	40	95	95	95	95
Number of viruses reported	2,979						4,601						567				

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 4

^c Patients without treatment 5