

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

as of January 28, 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 (%)	0	1 (0.3%)	1 (0.3%)	0	0	36 (100%)	2 (9.5%)	0	0	0	0	21 (100%)	0	0	0	0	0
Number of viruses tested	51	333	333	89	89	36	21	35	35	35	35	21	1	6	6	6	6
Number of viruses reported	757						426						19				

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.