

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

as of February 1, 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 (0.2%)	1 (0.2%)	0	0	66 (100%)	5 (10.9%)	0	0	0	0	46 (100%)	0	0	0	0	0
Number of viruses tested	65	422	422	129	129	66	46	42	42	42	42	46	1	6	6	6	6
Number of viruses reported	938						571						22				

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.