

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

as of February 15, 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 (%)	2 (2.1%)	1 (0.2%)	1 (0.2%)	0	0	86 (100%)	10 (17.5%)	0	0	0	0	48 (100%)	0	0	0	0	0
Number of viruses tested	96	603	603	148	148	86	57	42	42	42	42	48	6	8	8	8	8
Number of viruses reported	1,330						1,025						37				

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.