

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

as of March 4, 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 (1.8%)	4 (0.5%)	4 (0.5%)	0	0	99 (100%)	14 (17.9%)	0	0	0	0	64 (100%)	0	0	0	0	0
Number of viruses tested	110	809	809	165	165	99	78	43	43	43	43	64	6	8	8	8	8
Number of viruses reported	1,733						1,715						52				

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.