

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

as of March 18, 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 (1.6%)	6 (0.5%)	6 (0.5%)	0	0	115 (100%)	25* (22.1%)	0	0	0	0	99 (100%)	0	0	0	0	0
Number of viruses tested	125	1,120	1,120	186	186	115	113	73	73	73	73	99	6	8	8	8	8
Number of viruses reported	2,230						2,559						72				

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.

* Patients without baloxavir treatment 3/83 (3.6%)