

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

as of April 26, 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 (%)	5 ^a (1.8%)	11 ^b (0.6%)	11 ^b (0.6%)	0	0	164 (100%)	28 ^c (10.1%)	0	0	0	0	131 (100%)	0	0	0	0	0
Number of viruses tested	277	1,708	1,708	280	280	164	277	195	195	195	195	131	31	27	27	27	27
Number of viruses reported	2,659						3,663						148				

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.

^a Patients without treatment 0

^b Patients without treatment 1

^c Patients without treatment 3