Table 1. Detection of antiviral drug-resistant viruses in Japan during the 2019/2020 influenza season

as of	Noveml	ber 12,	2019
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	A(H1N1)pdm09						A(H3N2)					В					
	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir	Amantadine	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir	Amantadine	Baloxavir	Oseltamivir	Peramivir	Zanamivir	Laninamivir
Resistant (%)	0	1 ^a (0.9%)	1 ^a (0.9%)	0	0	4 (100%)	0	0	0	0	0	3 (100%)	0	0	0	0	0
Number of viruses tested	40	106	106	14	14	4	6	4	4	4	4	3	0	2	2	2	2
Number of viruses reported		294						22				18					

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 Patient with treatment