Table 1. Detection of antiviral drug-resistant viruses in Japan during the 2016/2017 influenza season

as of February 15, 2018

|                            | A(H1N1)pdm09 |           |           |             |              | A(H3N2)     |           |           |             |              | В           |           |           |             |  |
|----------------------------|--------------|-----------|-----------|-------------|--------------|-------------|-----------|-----------|-------------|--------------|-------------|-----------|-----------|-------------|--|
|                            | Oseltamivir  | Peramivir | Zanamivir | Laninamivir | Amantadine   | Oseltamivir | Peramivir | Zanamivir | Laninamivir | Amantadine   | Oseltamivir | Peramivir | Zanamivir | Laninamivir |  |
| Resistant (%)              | 3<br>(1.1%)  | 3 (1.1%)  | 0         | 0           | 31<br>(100%) | 0           | 0         | 0         | 0           | 144<br>(99%) | 0           | 0         | 0         | 0           |  |
| Number of viruses tested   | 271          | 271       | 246       | 246         | 31           | 406         | 406       | 406       | 406         | 145          | 343         | 343       | 343       | 343         |  |
| Number of viruses reported |              | 377       |           |             |              |             | 7,643     |           |             |              |             | 1,800     |           |             |  |

Viruses were examined by fluorescence-based NA-Fluor assay, chemiluminescence-based NA-XTD assay, real time RT-PCR allelic discrimination and/or NA sequencing.