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

as of December 01, 2017

|                            | 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           | 85<br>(100%) | 0           | 0         | 0         | 0           |
| Number of viruses tested   | 266          | 266       | 246       | 246         | 31           | 405         | 405       | 405       | 405         | 85           | 342         | 342       | 342       | 342         |
| Number of viruses reported | 372          |           |           |             |              | 7,604       |           |           |             |              | 1,786       |           |           |             |

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