Supporting Information Table 2

Molecular comparison of 2012 and 2013 human cases of H5N1 in Vietnam

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Strain | HA | | | NA | | PB2 | | PB1-F2 | | M2 | NS1 | | |
| MBCSa | 123b | 155 b | del 49-68c | 129d | 627d | 701d | Length | 66d | 31d | del 80-84c | 92d | PDZ ligand domain |
| A/Vietnam/12-3/2012 | PQRERRKKR↓G | P | S | yes | A | K | D | 90 | S | N | yes | E | ESEV |
| A/Vietnam/CD12-76/2012 | PQRERRKKR↓G | P | S | yes | V | E | D | 25 | n/a | N | yes | E | ESEV |
| A/Vietnam/VP13-28H/2013 | PQRERRKKR↓G | P | N | yes | A | E | D | 90 | N | S | yes | E | ESEV |
| A/Vietnam/VP39/2013 | PQRERRKKR↓G | P | N | yes | A | E | D | 90 | N | S | yes | E | ESEV |

a MBCS: multibasic cleavage site.

b Mature H5 HA numbering.

c NA deletion and NS1 deletion numbering is relative to A/goose/Guangdong/1/1996.

d NA and internal protein gene numbering is relative to A/Vietnam/1203/2004.