

## Replication kinetics of novel swine influenza A viruses: an approach to vaccine production

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### Supplementary data 1 (Figure 1)

Replication of swine IAV strains in MDCK cells.

#### a) A/swine/Chile/VN1401-274/2014(H1N2)

Moi/UHA	12	24	36	48	60
1	8	8	16	*	*
0.1	2	8	16	*	*
0.01	0	64	64	*	*
0.001	0.00	16.00	64	64	*
0.0001	0.00	0.00	64	64	*
0.00001	0.00	0	64	128	128

#### b) A/swine/Chile/VN1401-4/2014(H1N2)

Moi/UHA	12	24	36	48	60
1	8	16	32	*	*
0.1	2	16	32	*	*
0.01	0	32	64	*	*
0.001	0	8	64	64	*
0.0001	0	0	64	64	*
0.00001	0	0	2	128	256

#### c) A/swine/Valparaiso/VN1401-559/2014(H1N1)

Moi/UHA	12	24	36	48	60
1	8	32	64	*	*
0.1	2	32	64	*	*
0.01	0	64	64	*	*
0.001	0	32	64	128	*
0.0001	0	2	64	128	128
0.00001	0	0	32	128	256

#### d) A/swine/Maule/VN1401-1824/2015(H3N2)

Moi/UHA	12	24	36	48	60
1	8	32	32	*	*
0.1	2	16	64	*	*
0.01	0	16	64	*	*
0.001	0	4	64	64	*
0.0001	0	0	32	64	128
0.00001	0	0	32	128	256

\* Monolayer destroyed

### Supplementary data 2 (Figure 2)

Replication of swine IAV strains in Vero cells.

#### a) A/swine/Chile/VN1401-274/2014(H1N2)

<b>Moi/UHA</b>	<b>12</b>	<b>24</b>	<b>36</b>	<b>48</b>	<b>60</b>	<b>72</b>	<b>120</b>
1	0	0	0	2	4	8	8
0.1	0	0	2	4	8	8	16
0.01	0	0	2	8	16	16	32
0.001	0	0	0	4	8	16	32
0.0001	0	0	0	0	2	8	4
0.00001	0	0	0	0	0	0	0

#### b) A/swine/Chile/VN1401-4/2014(H1N2)

<b>Moi/UHA</b>	<b>12</b>	<b>24</b>	<b>36</b>	<b>48</b>	<b>60</b>	<b>72</b>	<b>120</b>
1	0	0	0	2	2	2	8
0.1	0	0	0	2	4	4	16
0.01	0	0	0	0	2	2	4
0.001	0	0	0	0	0	0	0
0.0001	0	0	0	0	0	0	0
0.00001	0	0	0	0	0	0	0

#### c) A/swine/Valparaiso/VN1401-559/2014(H1N1)

<b>Moi/UHA</b>	<b>12</b>	<b>24</b>	<b>36</b>	<b>48</b>	<b>60</b>	<b>72</b>	<b>120</b>
1	0	0	0	0	0	0	0
0.1	0	0	0	0	0	0	0
0.01	0	0	0	0	0	0	0
0.001	0	0	0	0	0	0	0
0.0001	0	0	0	0	0	0	0
0.00001	0	0	0	0	0	0	0

#### d) A/swine/Maule/VN1401-1824/2015(H3N2)

<b>Moi/UHA</b>	<b>12</b>	<b>24</b>	<b>36</b>	<b>48</b>	<b>60</b>	<b>72</b>	<b>120</b>
1	0	0	2	4	8	16	32
0.1	0	0	0	2	8	16	64
0.01	0	0	0	0	2	2	16
0.001	0	0	0	0	0	0	0
0.0001	0	0	0	0	0	0	0
0.00001	0	0	0	0	0	0	0