OFFLU Swine Influenza Virus technical meeting
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OIE Headquarters, Paris, France

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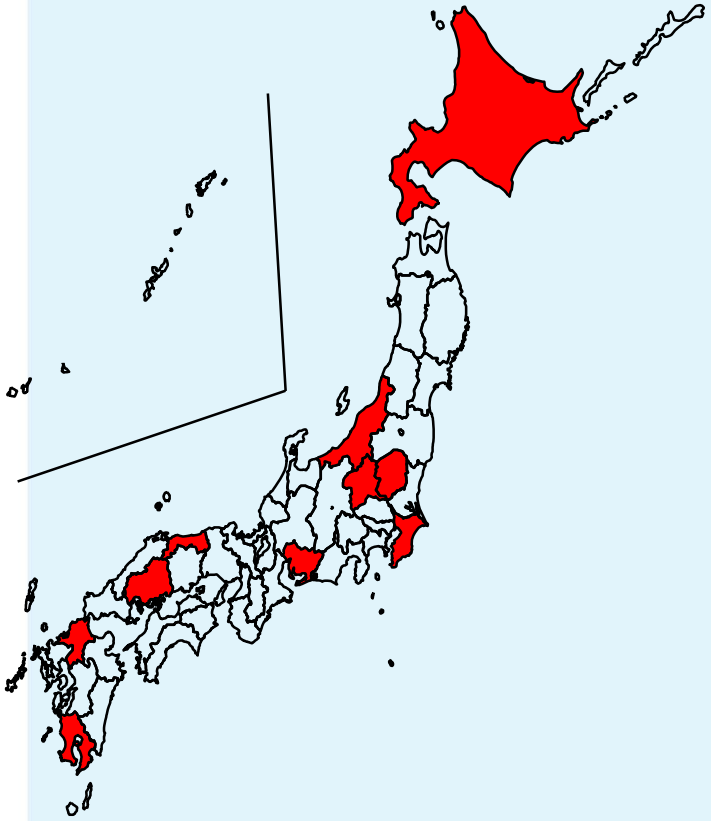
IAV-S surveillance in Japan in 2018



Provinces under survey in 2018

Active surveillance

Prefecture	Number of farm	Number of nasal swab/lung
Hokkaido	4	216
Chiba	1	60
Gunma	8	450
Tochigi	2	16
Tottori	1	31
Hiroshima	1	32
Kagoshima	2	79
Fukuoka	1	30
Total	20	914

Passive surveillance

Prefecture	Number of farm	Number of virus
Tochigi	1	3
Aichi	1	1
Niigata	1	2
Total	3	6

Japanese IAV-S isolated in 2018

Subtype	Origins of the genes			Number of viruses	Number of farms
	HA	NA	Internal genes		
H1N1	A(H1N1)pdm09	A(H1N1)pdm09	A(H1N1)pdm09	8	5
	Classical swine	A(H1N1)pdm09	NP: Classical swine Others: A(H1N1)pdm09	3	1
H1N2	Classical Swine	Human-like(seasonal)	A(H1N1)pdm09	24	8
	Classical Swine	Human-like(seasonal)	NP: Classical swine Others: A(H1N1)pdm09	5	1
	A(H1N1)pdm09	Human-like(seasonal)	A(H1N1)pdm09	2	1
H3N2	Human-like(seasonal)	Human-like(seasonal)	A(H1N1)pdm09	1	1
			Total	43	15

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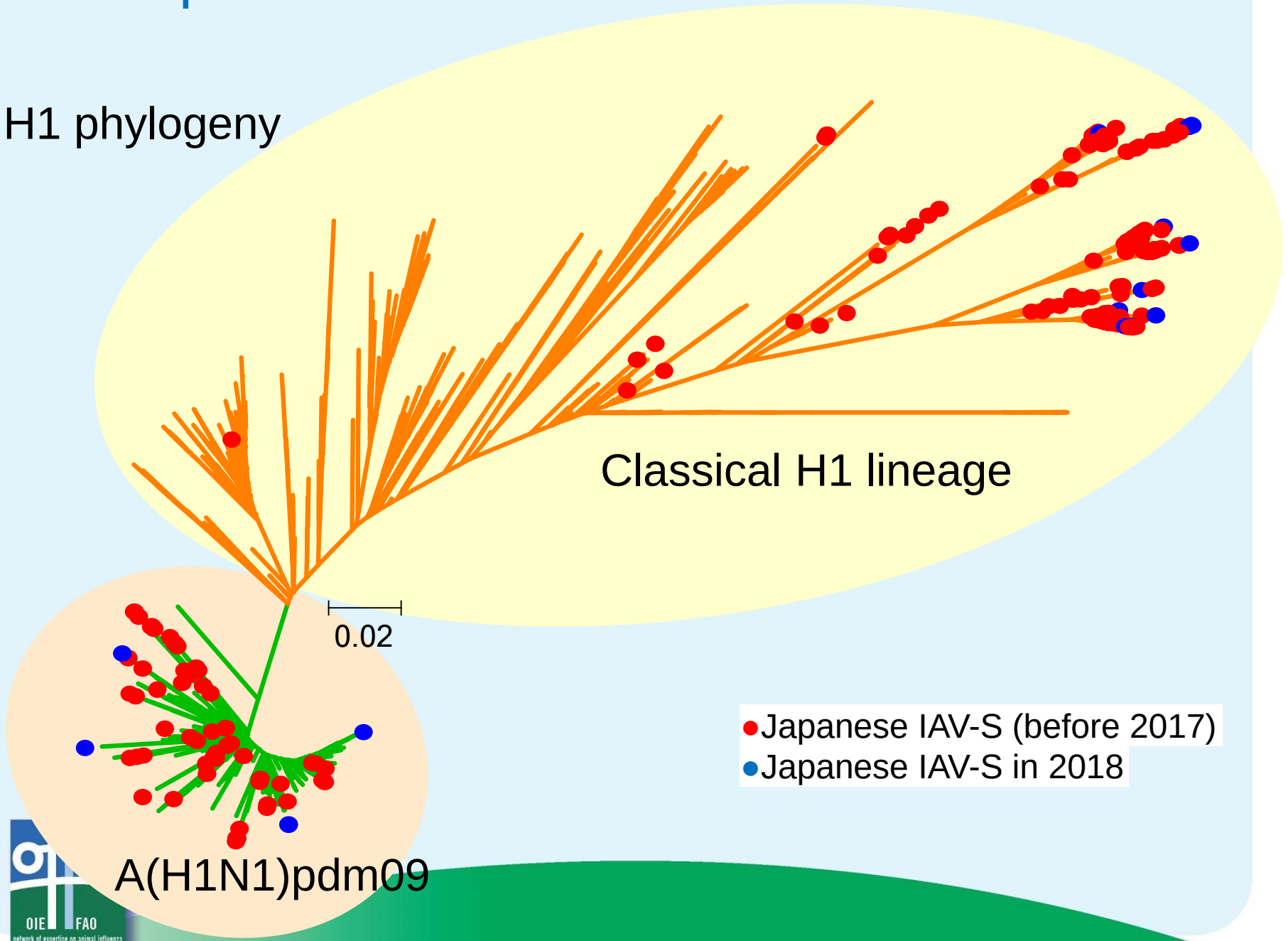
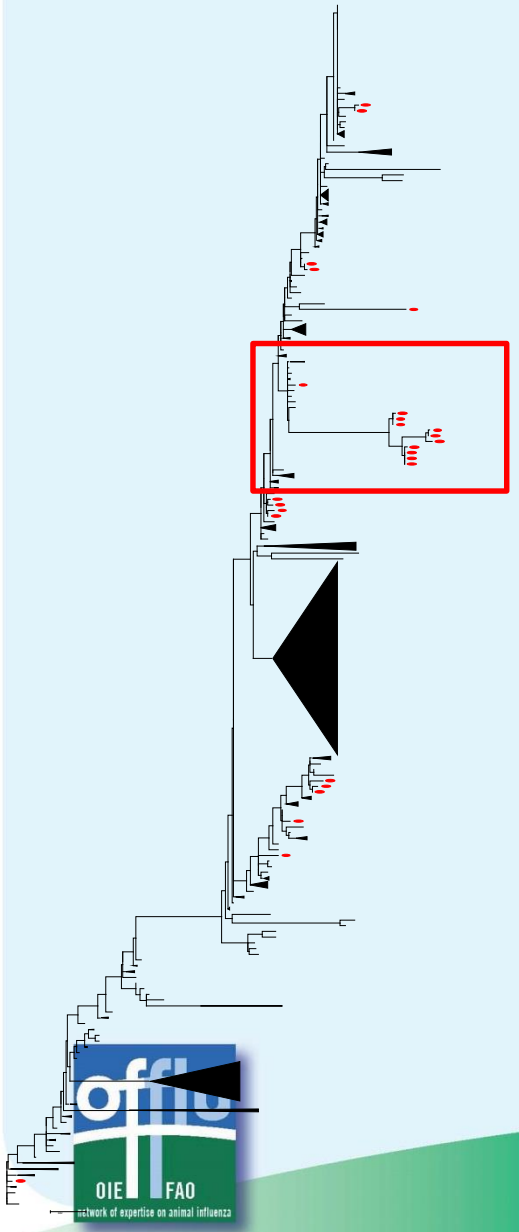
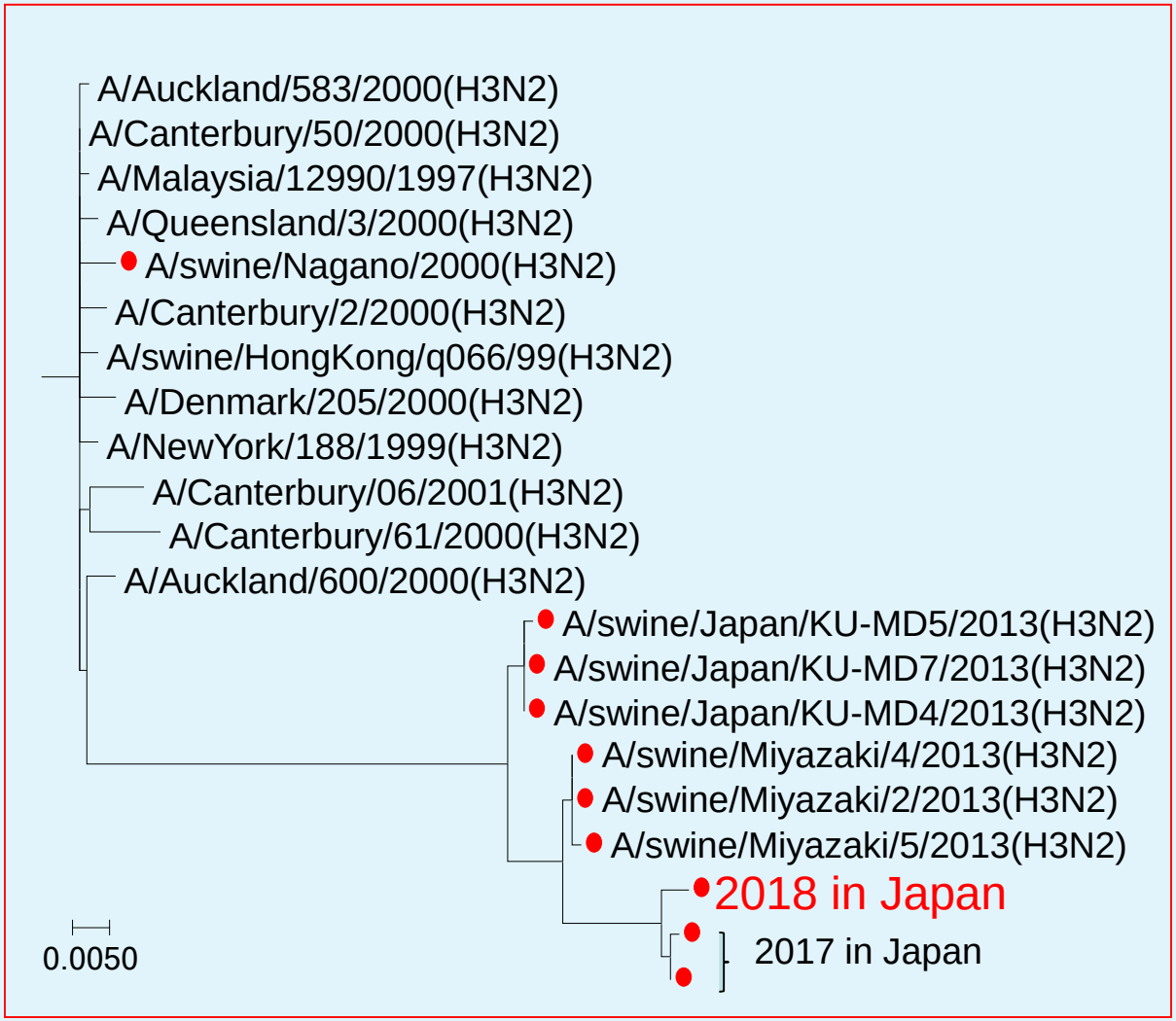
Japanese H1 IAV-S isolated in 2018



Japanese H3 IAV-S isolated in 2018

H3 phylogeny





●Japanese isolates

IAV-S surveillance in Vietnam in 2018

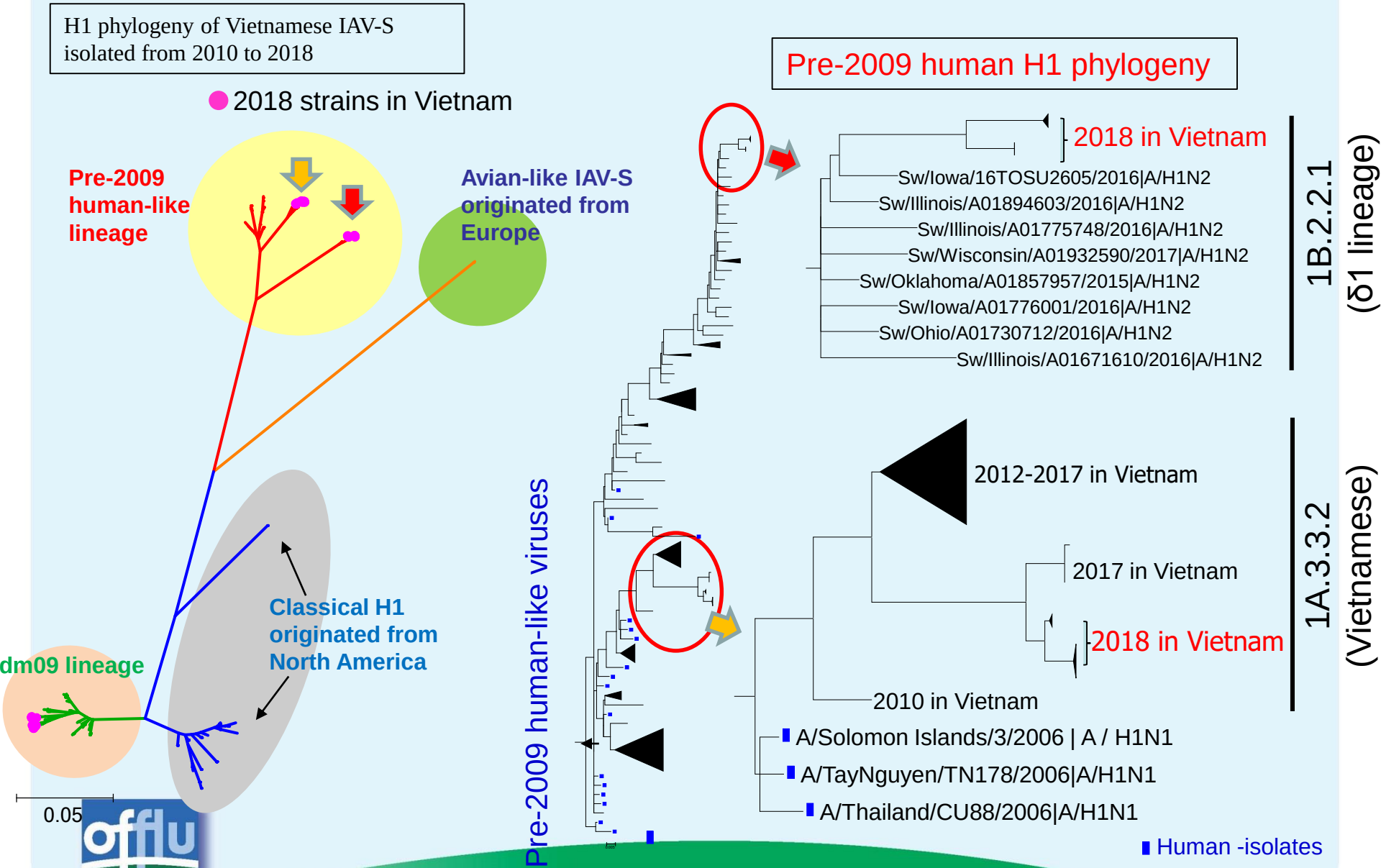
Provinces under survey in 2018

Prefecture	Number of farm	Number of nasal swabs collected
Bac Nihn	15	840
Tien Giang	4	240
Ho Chi Minh	3	180
BR-VT	3	180
Dong Nai	6	240
Total	31	1680

Vietnamese IAV-S isolated in 2018

Subtype	Origins of the genes			Number of viruses	Number of farms
	HA	NA	Internal genes		
H1N1	A(H1N1)pdm09	A(H1N1)pdm09	A(H1N1)pdm09	29	5
H1N2	Pre-2009 human-like (δ1)	Triple reassortant	MP: A(H1N1)pdm09 Others: Triple reassortant	16	2
	Pre-2009 human-like (Seasonal)	Triple reassortant	MP: A(H1N1)pdm09 Others: Triple reassortant	17	3
H3N2	Human-like (seasonal)	Human-like (seasonal)	A(H1N1)pdm09	21	1
			Total	83	10

Vietnamese H1 IAV-S isolated in 2018



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MAFF Ministry of Agriculture, Forestry and Fisheries 農林水産省

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