

Table S1. Influenza A virus M1 amino acid sequences extracted from the IRD (www.fludb.org) on the 15th of January, 2019, which possess a cysteine in position 126*.

Subtype	Host	Year	Total No. sequences	No. sequences with Cys-126	Percentage of sequences
H1	Human, swine	1933, 2010, 2011	1335	4	0.3
H3	Human, swine	2008, 2014	952	3	0.3
H9	Chicken, swine	2004, 2013	355	2	0.6
H17	Bat	2010	1	1	100
H18	Bat	2010	1	1	100
H1-H18	Human, swine, chicken, bat	1933, 2004, 2008, 2010, 2011, 2013, 2014	3552	11	0.3

*Options “Remove Duplicate sequences”, “All hosts” were applied while downloading data from IRD for every subtype individually (H1, H2, H3, H4... etc.); options “Remove Duplicate sequences”, “All hosts”, “All subtypes” were applied while downloading data for H1-H18 subtypes simultaneously. Note that total number of unique sequences found for H1-H18 is less compared to the sum of unique sequences found for individual subtypes H1, H3, H9, H17, H18 (M1 sequence possesses high conservation and may be the same in various HA subtypes).