

**Supplemental digital content 1:** Epiflu Isolate IDs and DNA Accession Numbers for the Influenza A (H1N1) Hemagglutinin sequences used in the phylogenetic analyses in this study. Additional to the 39 samples from LHUB-ULB, the following sequences were used: The vaccine strain for the 2015/2016 season (A/California/7/2009 (H1N1)pdm09); all 17 Influenza A (H1N1) sequences identified with Belgium as place of isolation for the same time period and a random selection of an equal number of 55 Influenza A (H1N1) sequences with the UK as place of isolation for the same time period.

<b>Isolate_Id</b>	<b>DNA Accession no.</b>	
EPI_ISL_29577	EPI176504	Vaccine 2015/2016
EPI_ISL_217490	EPI737453	Belgium samples
EPI_ISL_217489	EPI737448	
EPI_ISL_217487	EPI737446	
EPI_ISL_217486	EPI737442	
EPI_ISL_215825	EPI731164	
EPI_ISL_215824	EPI731163	
EPI_ISL_215823	EPI731162	
EPI_ISL_215822	EPI731161	
EPI_ISL_215821	EPI731160	
EPI_ISL_215820	EPI731159	
EPI_ISL_215819	EPI731158	
EPI_ISL_215818	EPI731157	
EPI_ISL_215817	EPI731156	
EPI_ISL_213844	EPI718571	
EPI_ISL_213829	EPI718483	
EPI_ISL_213827	EPI718460	
EPI_ISL_213818	EPI718401	
EPI_ISL_212266	EPI712137	
EPI_ISL_212268	EPI712150	
EPI_ISL_214435	EPI722265	
EPI_ISL_214436	EPI722273	
EPI_ISL_214437	EPI722281	
EPI_ISL_214438	EPI722289	
EPI_ISL_214439	EPI722297	
EPI_ISL_214440	EPI722305	
EPI_ISL_214441	EPI722313	
EPI_ISL_214442	EPI722321	
EPI_ISL_214443	EPI722325	
EPI_ISL_214444	EPI722333	
EPI_ISL_214445	EPI722337	
EPI_ISL_214446	EPI722341	
EPI_ISL_214447	EPI722349	
EPI_ISL_214448	EPI722357	
EPI_ISL_241127	EPI876576	
EPI_ISL_241128	EPI876584	
EPI_ISL_241129	EPI876592	
EPI_ISL_241130	EPI876600	
EPI_ISL_241131	EPI876608	
EPI_ISL_241132	EPI876616	
EPI_ISL_241133	EPI876624	
EPI_ISL_241134	EPI876632	
EPI_ISL_241136	EPI876648	
EPI_ISL_241137	EPI876656	

EPI_ISL_241138	EPI876664
EPI_ISL_241139	EPI876672
EPI_ISL_241140	EPI876680
EPI_ISL_241141	EPI876688
EPI_ISL_241142	EPI876696
EPI_ISL_241143	EPI876704
EPI_ISL_241144	EPI876712
EPI_ISL_241146	EPI876726
EPI_ISL_241147	EPI876734
EPI_ISL_241148	EPI876742
EPI_ISL_241149	EPI876750
EPI_ISL_241150	EPI876758
EPI_ISL_241151	EPI876766
EPI_ISL_241152	EPI876774
EPI_ISL_241153	EPI876782
EPI_ISL_241154	EPI876790
EPI_ISL_241155	EPI876798
EPI_ISL_241156	EPI876806
EPI_ISL_241157	EPI876814
EPI_ISL_241158	EPI876822
EPI_ISL_241159	EPI876830
EPI_ISL_241160	EPI876838
EPI_ISL_241162	EPI876854
EPI_ISL_241163	EPI876862
EPI_ISL_241164	EPI876870
EPI_ISL_241165	EPI876878
EPI_ISL_241166	EPI876886
EPI_ISL_241167	EPI876894
EPI_ISL_241168	EPI876902