Publicly Available Influenza Sequence Databases

In response to pandemic influenza A subtype H1N1 in people it is crucial that genetic sequences of all relevant animal influenza viruses are deposited in publicly available databases quickly. These sequences may provide key information to provide a better understanding of the current influenza A H1N1 viruses circulating in humans and therefore help to reduce risks to human and animal health.

OFFLU urges all animal health laboratories to deposit genetic sequences of influenza A subtype H1N1 from swine or of swine origin, and any other relevant influenza A viral sequences, into publicly available databases immediately.

The following links provide access to publicly accessible sequence databases:

If you know of any other available sequence databases or tools for analysing such data, please contact the OFFLU Secretariat (offlu@oie.int) so that OFFLU can disseminate this information.

Influenza sequence databases (with newly identified H1N1 influenza A sequences):

http://www.ncbi.nlm.nih.gov/genomes/FLU/SwineFlu.html
This link from the NCBI website will take users straight to human H1N1 sequences submitted by CDC

http://www.biohealthbase.org/GSearch/home.do?decorator=Influenza
This link from the BioHealthBase website provides a link to human H1N1 sequence data and also some strain information

http://platform.gisaid.org/

http://epiflu.vital-it.ch/

H1N1 outbreak information:

http://www.who.int/csr/disease/swineflu/en/index.html

Information from World Health Organization (WHO) about the current H1N1 influenza situation

http://www.oie.int/eng/en_index.htm

Information from the World Organisation for Animal Health

http://www.fao.org/ag/Influenza_A-H1N1.html

Information from the Food and Agriculture Organization

OFFLU does not specifically endorse or recommend any particular database, the links are provided to enable scientists to choose the database that best suits their needs.