Influenza A Virus with a Human-Like N2 Gene Is Circulating in Pigs

Breum, Solvej Østergaard; Hjulsager, Charlotte Kristiane; Trebbien, Ramona; Larsen, Lars Erik

Published in:
Genome Announcements

Link to article, DOI:
10.1128/genomeA.00712-13

Publication date:
2013

Document Version
Publisher's PDF, also known as Version of record

Link back to DTU Orbit

Citation (APA):
Influenza A Virus with a Human-Like N2 Gene Is Circulating in Pigs

Solvej Østergaard Breum, Charlotte Kristiane Hjulsager, Ramona Trebbien, Lars Erik Larsen
Section of Virology, Technical University of Denmark, National Veterinary Institute, Frederiksberg C, Denmark

A novel reassortant influenza A virus, H1avN2hu, has been found in Danish swine. The virus contains an H1 gene similar to the hemagglutinin (HA) gene of H1N1 avian-like swine viruses and an N2 gene most closely related to the neuraminidase (NA) gene of human H3N2 viruses from the mid-1990s.

Received 9 August 2013 Accepted 21 August 2013 Published 19 September 2013


Copyright © 2013 Breum et al. This is an open-access article distributed under the terms of the Creative Commons Attribution 3.0 Unported license.

Acknowledgments
This study was supported by the Danish Veterinary and Food Administration and the EU-funded FP7 project ESNIP3 (contract no. 259949).

References