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Novel hantavirus identified in European bat species *Nyctalus noctula*

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Abstract

Hantaviruses are emerging RNA viruses that cause human diseases predominantly in Asia, Europe, and the Americas. Besides rodents, insectivores and bats serve as hantavirus reservoirs. We report the detection and genome characterization of a novel bat-borne hantavirus isolated from insectivorous common noctule bat. The newfound virus was tentatively named as Brno virus.

Keywords:

hantavirus; bat; phylogenetic analysis; emerging virus; bat-borne virus

Introduction

Hantaviruses (genus *Hantavirus*, family *Bunyaviridae*) are responsible for life-threatening human diseases: hantavirus cardiopulmonary syndrome (HCPS) in the Americas and

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