

Supplementary information for

Title

Tofla virus: A newly identified *Nairovirus* of the Crimean-Congo hemorrhagic fever group isolated from ticks in Japan

Authors

Satoshi Shimada^{1,8}, Kotaro Aoki¹, Takeshi Nabeshima¹, Yu Fuxun¹, Yohei Kurosaki², Kazuya Shiogama³, Takanori Onouchi³, Miako Sakaguchi⁴, Takeshi Fuchigami⁵, Hokuto Ono⁵, Kodai Nishi⁶, Guillermo Posadas-Herrera¹⁺, Leo Uchida¹, Yuki Takamatsu¹, Jiro Yasuda^{2,8}, Yutaka Tsutsumi³, Hiromi Fujita⁷, Kouichi Morita^{1,8} and Daisuke Hayasaka^{1,8*}

Affiliation

¹Department of Virology, ²Department of Emerging Infectious Diseases, ⁴Central Laboratory, Institute of Tropical Medicine, ⁸Leading graduate school program, Nagasaki University, 1-12-4 Sakamoto, Nagasaki, 852-8523, Japan.

³Department of Pathology, Fujita Health University School of Medicine, 1-98 Dengakugakubo, Kutsukake-cho, Toyoake, Aichi, 470-1192, Japan.

⁵Department of Hygienic Chemistry, Graduate School of Biomedical Sciences, Nagasaki University. 1-14 Bunkyo-machi, Nagasaki, 852-8521, Japan.

⁶Department of Radioisotope Medicine, Atomic Bomb Diseases Institute, Nagasaki University, 1-12-4 Sakamoto, Nagasaki, 852-8523, Japan.

⁷Mahara Institute of Medical Acarology, 56-3 korekuni Aratano-cho, Anan, Tokushima 779-1510, Japan.

*Corresponding author: Daisuke Hayasaka, Department of Virology, Institute of Tropical Medicine, Nagasaki University, 1-12-4 Sakamoto, Nagasaki, 852-8523, Japan. Phone number: +81-95-819-7828. Fax number: +81-95-819-7830. E-mail address: hayasaka@nagasaki-u.ac.jp

Supplementary figure 1

Heamaphysalis formsensis



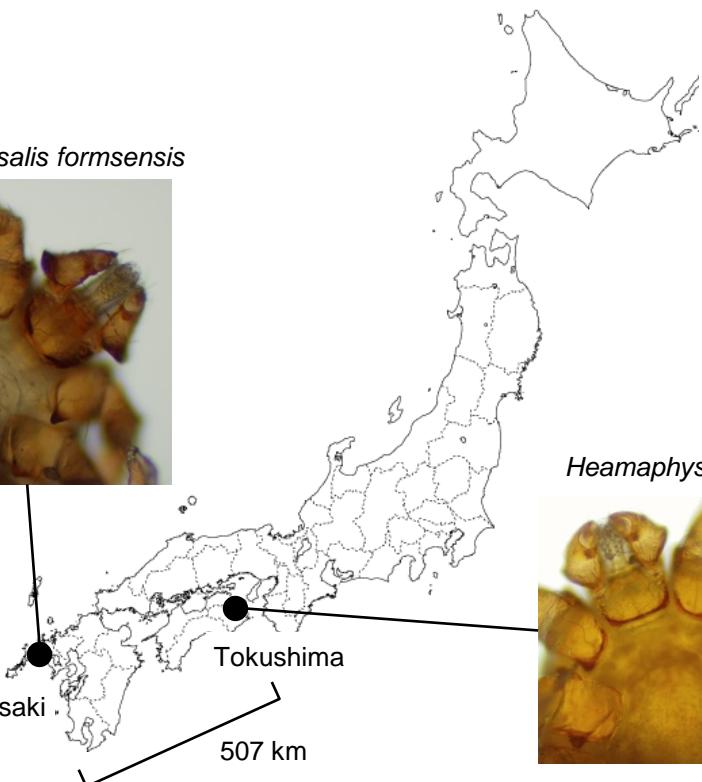
Nagasaki

Tokushima

Heamaphysalis flava

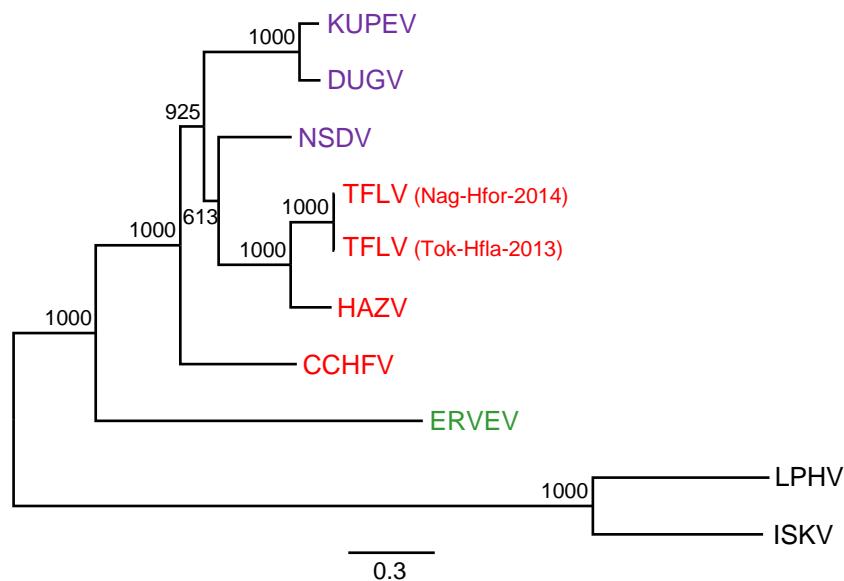


507 km

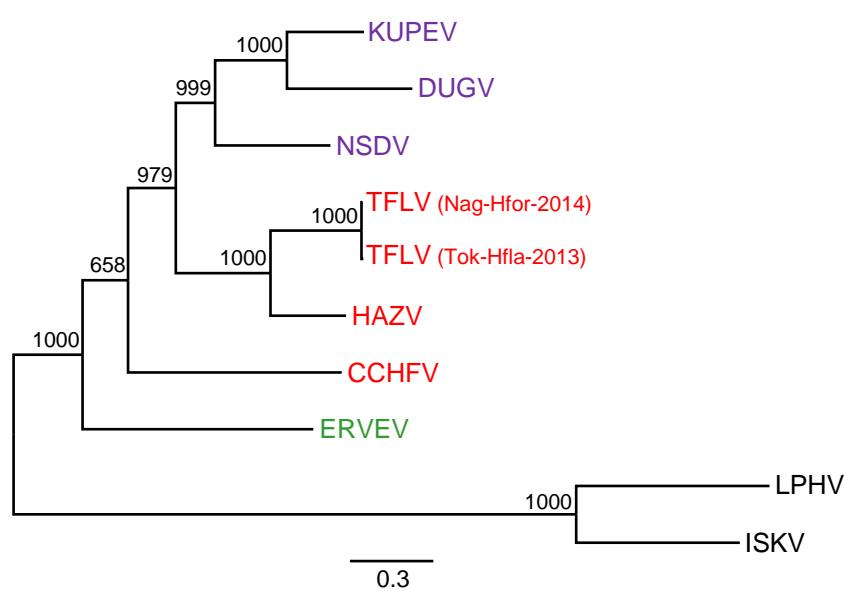


Supplementary figure 2

(a)



(b)



(c)

