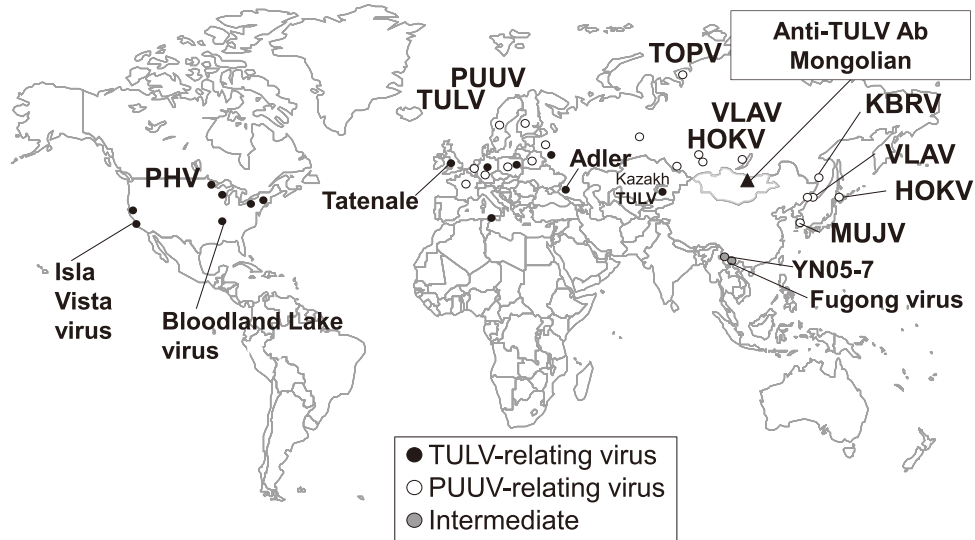




|                        |   |
|------------------------|---|
| Title                  | Antibody detection from Middendorf ' s vole ( <i>Microtus middendorffii</i> ) against Tula virus captured in Mongolia   |
| Author(s)              | Yoshimatsu, Kumiko; Arai, Satoru; Shimizu, Kenta; Tsuda, Yoshimi; Boldgiv, Bazartseren; Boldbaatar, Bazartseren; Sergelen, Erdenebaatar; Ariunzaya, Dagvatseren; Enkhmandal, Orsoo; Tuvshintugs, Sukhbaatar; Morikawa, Shigeru; Arikawa, Jiro |
| Citation               | Japanese Journal of Veterinary Research, 65(1), 39-44   |
| Issue Date             | 2017-2  |
| DOI                    | 10.14943/jjvr.65.1.39   |
| Doc URL                | <a href="http://hdl.handle.net/2115/64786">http://hdl.handle.net/2115/64786</a>   |
| Type                   | bulletin (article)  |
| Additional Information | There are other files related to this item in HUSCAP. Check the above URL.  |
| File Information       | 65-1_039-044.Supplemental data.pdf (Supplemental data)  |



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**Supple. Fig. 1. Distribution of vole-borne hantaviruses.** Distribution of vole-borne hantaviruses were plotted. Circles were isolated virus or viruses known their sequence without isolation. Triangle was detection only antibody. Black markers were Tula virus (TULV) or TULV-relating viruses, White markers were Puumala virus (PUUV) or PUUV-relating viruses and grey markers were intermediate viruses. Prospect Hill virus (PHV), Bloodland Lake virus (BLLV), Isla Vista virus (ISLAV), Vladivostok virus (VLAV) Hokkaido virus (HOKV), Muju virus (MUJV), Topografov virus (TOPV), Khabarovsk virus (KBRV), Adler hantavirus, Tatenale virus, Fugong virus, and YN05-7 were plotted.

**Supplement Table 1. Hantaviruses carried by subfamily Microtinae rodents**

| Virus Species               | Rodent  | Name                             | Distribution             | References/Accession numbers  |
|-----------------------------|---|----------------------------------|--------------------------|---|
| Tula virus (TULV)           | <i>Microtus arvalis</i><br><i>M. agrestis</i> | European common vole, field vole | Europe, Asia             | Plyusnin, A. <i>et al.</i> <sup>12</sup><br>Plyusnina, A. <i>et al.</i> <sup>13</sup> |
| Puumala virus (PUUV)        | <i>Myodes glareolus</i>                       | Bank vole                        | Europe                   | Brummer-Korvenkontio, M. <i>et al.</i> <sup>1</sup>                                   |
| Prospect Hill virus (PHV)   | <i>Microtus pennsylvanicus</i>                | Meadow vole                      | North America            | Lee, P. <i>et al.</i> <sup>11</sup>   |
| Adler hantavirus            | <i>Microtus majori</i>                        | Major's pine voles               | Southern European Russia | Tkachenko, E. A. <i>et al.</i> <sup>22</sup>  |
| Tatenale virus              | <i>Microtus agrestis</i>                      | Field vole                       | United Kingdom           | Pounder, K. C. <i>et al.</i> <sup>15</sup>  |
| Bloodland Lake virus (BLLV) | <i>Microtus ochrogaster</i>                   | Prairie vole                     | United States, Canada    | U19303  |
| Isla Vista virus (ISLAV)    | <i>Microtus californicus</i>                  | California vole                  | Western United States    | Song, W. <i>et al.</i> <sup>20</sup>  |
| Hokkaido virus (HOKV)       | <i>Myodes rufocanus</i>                       | Gray red-backed vole             | Japan, Far East Russia   | Kariwa, H. <i>et al.</i> <sup>7</sup>   |
| Muju virus (MUJV)           | <i>Myodes regulus</i>                         | Korean red-backed vole           | Korea                    | Song, W. <i>et al.</i> <sup>19</sup>  |
| Fugong virus                | <i>Eothenomys eleusis</i>                     | Oriental vole                    | China                    | Ge, X. Y <i>et al.</i> <sup>2</sup>   |
| YN05-7                      | <i>Microtus clarkei</i>                       | Clarke's vole                    | China                    | JF915740  |
| Vladivostok virus (VLAV)    | <i>Microtus fortis</i>                        | Reed vole                        | Far East Russia          | Kariwa, H. <i>et al.</i> <sup>6</sup>   |
| Khabarovsk virus (KBRV)     | <i>Microtus maximowiczii</i>                  | Maximowicz's vole                | Far East Russia<br>China | Horling, J. <i>et al.</i> <sup>4</sup>  |
| Topografov virus (TOPV)     | <i>Lemmus sibiricus</i>                       | Lemmings                         | Siberia                  | Vapalahti, O. <i>et al.</i> <sup>23</sup>   |