

Appendix Table. Partial small nucleotide and amino acid sequence identities of hantaviruses from Shenyang, China, with those of other hantaviruses

| Strain | % Identity with strain* | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| 1. ShenyangRn127 | | 99.8 | 95.0 | 95.3 | 95.0 | 95.0 | 95.8 | 95.5 | 95.5 | 96.1 | 96.1 | 95.8 | 96.1 | 99.2 | 95.0 | 96.1 | 87.1 | 68.9 | 66.8 | 66.3 | 69.2 | |
| 2. ShenyangRn180 | 99.8 | | 95.0 | 95.3 | 95.0 | 95.0 | 95.8 | 95.5 | 95.5 | 96.1 | 96.1 | 95.8 | 96.1 | 99.2 | 95.0 | 96.1 | 87.1 | 68.9 | 66.8 | 66.3 | 69.2 | |
| 3. ShenyangRn131 | 99.2 | 99.2 | | 99.7 | 96.8 | 96.8 | 97.6 | 97.1 | 97.4 | 97.4 | 97.4 | 97.1 | 97.4 | 95.0 | 94.5 | 97.9 | 85.5 | 67.9 | 66.6 | 65.3 | 68.9 | |
| 4. ShenyangRn144 | 99.2 | 99.2 | 99.8 | | 97.1 | 97.1 | 97.9 | 97.4 | 97.6 | 97.6 | 97.6 | 97.4 | 97.6 | 95.3 | 94.7 | 98.2 | 85.8 | 67.9 | 66.6 | 65.3 | 68.9 | |
| 5. ShenyangHu3 | 99.8 | 99.8 | 99.2 | 99.2 | | 99.5 | 99.2 | 98.7 | 98.9 | 98.9 | 98.9 | 99.2 | 98.9 | 94.7 | 95.0 | 98.4 | 86.1 | 67.1 | 65.3 | 64.2 | 68.9 | |
| 6. ShenyangHu4 | 99.2 | 99.2 | 98.4 | 98.4 | 99.2 | | 99.2 | 98.7 | 98.9 | 98.9 | 98.9 | 99.2 | 98.9 | 94.7 | 95.0 | 98.4 | 86.1 | 67.1 | 65.3 | 64.2 | 68.9 | |
| 7. ShenyangRn32 | 99.8 | 99.8 | 99.2 | 99.2 | 99.8 | 99.2 | | 99.5 | 99.7 | 99.7 | 99.7 | 99.5 | 99.7 | 95.5 | 95.8 | 99.2 | 86.3 | 67.6 | 65.8 | 64.7 | 68.9 | |
| 8. ShenayngRn183 | 99.2 | 99.2 | 98.4 | 98.4 | 99.2 | 98.4 | 99.2 | | 99.2 | 99.5 | 99.5 | 99.2 | 99.5 | 95.3 | 95.5 | 98.7 | 86.3 | 67.4 | 65.5 | 64.5 | 68.7 | |
| 9. ShenyangRn-LAC-4 | 99.8 | 99.8 | 99.2 | 99.2 | 99.8 | 99.2 | 99.8 | 99.2 | | 99.5 | 99.5 | 99.2 | 99.5 | 95.3 | 95.5 | 98.9 | 86.6 | 67.4 | 65.5 | 64.5 | 68.7 | |
| 10. ShenyangRn-LAC-41 | 99.8 | 99.8 | 99.2 | 99.2 | 99.8 | 99.2 | 99.8 | 99.2 | 99.8 | | 99.8 | 99.7 | 99.8 | 95.8 | 96.1 | 98.9 | 86.3 | 67.9 | 66.1 | 65.0 | 69.2 | |
| 11. ShenyangW-43 | 99.8 | 99.8 | 99.2 | 99.2 | 99.8 | 99.2 | 99.8 | 99.2 | 99.8 | 99.8 | | 99.7 | 99.8 | 95.8 | 96.1 | 98.9 | 86.3 | 67.9 | 66.1 | 65.0 | 69.2 | |
| 12. ShenyangW-88 | 99.8 | 99.8 | 99.2 | 99.2 | 99.8 | 99.2 | 99.8 | 99.2 | 99.8 | 99.8 | 99.8 | | 99.7 | 95.5 | 95.8 | 98.7 | 86.1 | 67.9 | 66.1 | 65.0 | 69.2 | |
| 13. ShenyangW-280 | 99.8 | 99.8 | 99.2 | 99.2 | 99.8 | 99.2 | 99.8 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | | 95.8 | 96.1 | 98.9 | 86.3 | 67.9 | 66.1 | 65.0 | 69.2 | |
| 14. L99 | 99.8 | 99.8 | 99.2 | 99.2 | 99.8 | 99.2 | 99.8 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | | 94.7 | 95.8 | 86.3 | 68.2 | 66.6 | 66.1 | 68.9 | |
| 15. SR11 | 98.4 | 98.4 | 97.6 | 97.6 | 98.4 | 97.6 | 98.4 | 97.6 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | | 96.1 | 87.1 | 67.4 | 65.8 | 64.7 | 68.4 | |
| 16. Zy27 | 99.2 | 99.2 | 98.4 | 98.4 | 99.2 | 98.4 | 99.2 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 97.6 | | 86.3 | 67.4 | 65.5 | 64.5 | 68.7 | |
| 17. Gou3 | 98.4 | 98.4 | 97.6 | 97.6 | 98.4 | 97.6 | 98.4 | 97.6 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 97.6 | | 68.2 | 66.3 | 66.6 | 67.6 | |
| 18. ShenyangAa13 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 68.3 | 69.0 | 68.3 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 68.3 | 68.3 | 68.3 | | 95.3 | 94.7 | 87.1 |
| 19. Bao14 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 68.3 | 69.0 | 68.3 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 68.3 | 68.3 | 68.3 | 99.8 | | 96.1 | 86.8 |
| 20. CJAp93 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.0 | 69.8 | 69.0 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.0 | 69.0 | 69.0 | 99.2 | 99.2 | | 87.6 |
| 21. 76-118 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.0 | 69.8 | 69.0 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.0 | 69.0 | 69.0 | 98.4 | 98.4 | 97.6 | | |

*Percent identities for nucleotide (above the diagonal) and amino acid (below the diagonal) sequences are presented.