| Viral reference taxonomy | Median | Q1 | Q3 | Mean | SD | Min | Max |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Pneumoviridae | 100.0 | 100.0 | 100.0 | 100.0 | NA | 100.0 | 100.0 |
| Alphaflexiviridae | 98.5 | 97.7 | 99.4 | 98.5 | 0.9 | 97.7 | 99.4 |
| Coronaviridae | 98.5 | 95.4 | 100.0 | 96.3 | 5.7 | 71.6 | 100.0 |
| Virgaviridae | 97.8 | 82.6 | 100.0 | 87.0 | 19.5 | 38.2 | 100.0 |
| Orthomyxoviridae | 96.7 | 94.6 | 98.2 | 95.6 | 5.3 | 82.6 | 100.0 |
| Mymonaviridae | 95.0 | 95.0 | 95.0 | 95.0 | 0.0 | 95.0 | 95.0 |
| Picornaviridae | 93.2 | 88.6 | 98.2 | 87.9 | 16.6 | 30.0 | 100.0 |
| Sedoreoviridae | 93.0 | 91.7 | 95.9 | 91.0 | 13.6 | 24.9 | 98.8 |
| Arteriviridae | 92.6 | 80.8 | 100.0 | 90.0 | 10.9 | 48.5 | 100.0 |
| Bromoviridae | 90.9 | 85.7 | 95.3 | 91.1 | 5.2 | 85.2 | 100.0 |
| Chrysoviridae | 90.9 | 90.9 | 90.9 | 90.9 | 0.0 | 90.9 | 90.9 |
| Betaflexiviridae | 90.3 | 55.8 | 94.2 | 75.8 | 24.3 | 40.4 | 99.5 |
| Fusariviridae | 86.8 | 86.8 | 86.8 | 86.8 | NA | 86.8 | 86.8 |
| Paramyxoviridae | 85.2 | 75.4 | 95.6 | 84.7 | 12.1 | 61.9 | 100.0 |
| Astroviridae | 82.6 | 73.9 | 94.5 | 81.2 | 16.5 | 29.0 | 100.0 |
| Discoviridae | 81.7 | 78.9 | 82.8 | 79.2 | 8.2 | 61.9 | 93.8 |
| Hepeviridae | 81.3 | 41.5 | 88.2 | 67.6 | 23.9 | 28.5 | 92.8 |
| Deltaflexiviridae | 79.4 | 79.4 | 79.4 | 79.4 | NA | 79.4 | 79.4 |
| Hantaviridae | 79.0 | 76.8 | 83.5 | 81.5 | 8.3 | 70.3 | 99.2 |
| Flaviviridae | 78.5 | 70.5 | 94.0 | 78.6 | 16.4 | 38.4 | 100.0 |
| Rhabdoviridae | 77.2 | 68.4 | 99.9 | 81.1 | 17.4 | 46.0 | 100.0 |
| Tulasviridae | 75.6 | 71.1 | 80.0 | 75.6 | 12.6 | 66.7 | 84.4 |
| Polycipiviridae | 71.9 | 52.3 | 71.9 | 58.9 | 22.6 | 32.7 | 71.9 |
| Nodaviridae | 70.9 | 54.3 | 76.1 | 67.4 | 23.3 | 26.4 | 100.0 |
| Totiviridae | 67.6 | 55.4 | 71.7 | 65.2 | 12.3 | 31.4 | 100.0 |
| Picobirnaviridae | 67.5 | 55.7 | 74.1 | 64.5 | 13.1 | 28.2 | 90.3 |
| Mesoniviridae | 66.2 | 60.0 | 72.4 | 66.2 | 17.5 | 53.8 | 78.6 |
| Tymoviridae | 65.3 | 50.0 | 77.0 | 63.7 | 20.0 | 31.7 | 96.4 |
| Marnaviridae | 63.7 | 50.3 | 68.9 | 60.6 | 12.3 | 37.0 | 86.2 |
| Iflaviridae | 63.5 | 41.7 | 96.2 | 66.9 | 24.3 | 31.6 | 98.9 |
| Phasmaviridae | 63.3 | 53.1 | 79.7 | 66.9 | 15.4 | 51.2 | 88.0 |
| Solspiviridae | 58.7 | 55.5 | 66.4 | 59.4 | 10.1 | 29.9 | 73.2 |
| Sinhaliviridae | 58.5 | 58.5 | 58.5 | 58.5 | NA | 58.5 | 58.5 |
| Atkinsviridae | 58.2 | 51.2 | 63.9 | 57.3 | 8.8 | 41.5 | 81.2 |
| Botourmiaviridae | 57.6 | 43.5 | 66.4 | 56.2 | 16.6 | 32.2 | 98.9 |
| Tobaniviridae | 56.6 | 50.0 | 67.1 | 64.6 | 21.1 | 50.0 | 98.4 |
| Lispiviridae | 56.5 | 36.8 | 76.2 | 56.5 | 22.8 | 36.8 | 76.2 |
| Steitzviridae | 55.5 | 49.5 | 64.7 | 57.5 | 13.8 | 29.6 | 98.1 |
| Fiersviridae | 54.8 | 45.7 | 65.3 | 56.1 | 14.5 | 27.5 | 99.0 |
| Phenuiviridae | 54.4 | 42.3 | 65.9 | 55.3 | 19.9 | 22.7 | 100.0 |
| Dicistroviridae | 54.4 | 47.0 | 66.1 | 57.9 | 18.4 | 25.1 | 100.0 |
| Permutotetraviridae | 54.0 | 53.9 | 54.2 | 54.0 | 0.5 | 53.7 | 54.3 |
| unclassified Pisuviricota | 51.6 | 40.5 | 72.7 | 58.8 | 21.1 | 28.5 | 98.6 |
| Xinmoviridae | 51.2 | 51.2 | 51.2 | 51.2 | NA | 51.2 | 51.2 |
| Bornaviridae | 50.8 | 49.8 | 50.8 | 49.4 | 2.9 | 43.0 | 50.8 |
| unclassified Lenarviricota | 49.0 | 43.0 | 55.8 | 49.6 | 9.2 | 36.9 | 66.7 |
| unclassified Kitrinoviricota | 48.5 | 44.0 | 54.2 | 53.0 | 19.1 | 33.3 | 97.0 |
| unclassified | 47.8 | 38.5 | 60.4 | 50.4 | 15.6 | 21.0 | 100.0 |
| Blumeviridae | 47.6 | 41.2 | 55.6 | 48.4 | 10.3 | 30.7 | 68.9 |
| Duinviridae | 46.1 | 37.7 | 52.5 | 44.6 | 9.4 | 29.0 | 64.9 |
| Caliciviridae | 46.1 | 41.9 | 67.6 | 55.9 | 20.8 | 34.2 | 98.3 |
| Tombusviridae | 46.0 | 41.3 | 55.6 | 49.4 | 13.7 | 25.2 | 98.6 |
| Hypoviridae | 45.8 | 42.2 | 46.3 | 42.7 | 6.4 | 33.1 | 46.3 |
| Chuviridae | 45.7 | 40.9 | 52.5 | 47.6 | 13.7 | 33.0 | 65.8 |
| Tospoviridae | 45.6 | 45.6 | 45.6 | 45.6 | 0.0 | 45.6 | 45.6 |
| Mitoviridae | 44.8 | 32.3 | 56.9 | 46.6 | 14.3 | 29.3 | 91.5 |
| Solemoviridae | 44.8 | 39.1 | 50.0 | 47.9 | 15.5 | 26.7 | 100.0 |
| Secoviridae | 44.8 | 38.9 | 49.4 | 47.7 | 19.5 | 28.2 | 91.5 |
| Narnaviridae | 44.3 | 30.5 | 45.3 | 49.3 | 29.2 | 27.0 | 99.5 |
| Spinareoviridae | 43.5 | 41.9 | 79.2 | 59.7 | 28.0 | 38.6 | 100.0 |
| Endornaviridae | 43.2 | 40.7 | 56.9 | 51.7 | 20.2 | 35.2 | 100.0 |
| Partitiviridae | 41.4 | 34.1 | 56.8 | 46.7 | 17.7 | 24.6 | 100.0 |
| Barnaviridae | 40.8 | 40.7 | 44.9 | 42.9 | 4.7 | 38.2 | 50.9 |
| Potyviridae | 40.6 | 31.6 | 97.2 | 60.0 | 33.1 | 25.5 | 100.0 |
| Benyviridae | 38.4 | 35.1 | 60.3 | 45.9 | 15.9 | 30.2 | 65.5 |
| Non-RNA-viruses | 36.9 | 34.0 | 38.8 | 37.5 | 6.9 | 22.5 | 73.8 |
| Amalgaviridae | 34.5 | 30.2 | 35.2 | 33.8 | 4.8 | 28.3 | 41.3 |
| Birnaviridae | 33.0 | 33.0 | 33.0 | 33.0 | NA | 33.0 | 33.0 |
| Baculoviridae | 30.8 | 27.3 | 30.8 | 28.4 | 4.1 | 23.7 | 30.8 |
| Fimoviridae | 26.3 | 26.3 | 26.3 | 26.3 | NA | 26.3 | 26.3 |