| Viral reference taxonomy | Median | Q1 | Q3 | Mean | SD | Min | Max |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Flaviviridae | 174.25 | 43.44 | 179.39 | 119.75 | 67.51 | -0.85 | 179.39 |
| Tulasviridae | 160.86 | 151.59 | 170.12 | 160.86 | 26.20 | 142.33 | 179.39 |
| Discoviridae | 127.66 | 44.77 | 164.29 | 108.73 | 62.46 | 23.15 | 179.39 |
| Hantaviridae | 95.52 | 37.24 | 179.39 | 101.27 | 74.15 | -0.71 | 179.39 |
| Paramyxoviridae | 80.75 | 38.15 | 179.39 | 95.09 | 62.11 | -0.76 | 179.39 |
| Picornaviridae | 66.52 | 24.96 | 120.06 | 78.67 | 64.13 | 0.92 | 179.39 |
| Bornaviridae | 57.55 | 46.94 | 59.69 | 50.45 | 29.42 | -0.28 | 95.12 |
| Astroviridae | 50.35 | 34.05 | 118.71 | 76.34 | 60.46 | -1.00 | 179.39 |
| Sedoreoviridae | 49.97 | 36.50 | 179.39 | 88.04 | 63.11 | 23.52 | 179.39 |
| Tobaniviridae | 49.13 | 18.78 | 114.26 | 68.91 | 73.60 | -0.68 | 179.39 |
| Virgaviridae | 48.40 | 27.23 | 105.02 | 75.62 | 62.32 | 2.70 | 179.39 |
| unclassified Pisuviricota | 38.22 | 18.17 | 105.64 | 65.78 | 64.50 | -0.18 | 179.39 |
| Lispiviridae | 36.84 | -0.18 | 71.45 | 40.73 | 47.61 | -0.34 | 106.06 |
| Mymonaviridae | 36.06 | 36.06 | 36.06 | 36.06 | 0.00 | 36.06 | 36.06 |
| Mesoniviridae | 35.23 | 33.22 | 37.23 | 35.23 | 5.68 | 31.21 | 39.24 |
| Coronaviridae | 35.17 | 9.47 | 80.77 | 57.10 | 61.22 | -0.87 | 179.39 |
| Hepeviridae | 33.90 | 4.94 | 89.55 | 56.23 | 64.49 | 0.92 | 179.39 |
| Marnaviridae | 33.48 | 20.82 | 46.69 | 40.66 | 33.92 | 2.52 | 179.39 |
| Picobirnaviridae | 33.31 | 21.27 | 62.99 | 54.55 | 50.35 | 4.26 | 179.39 |
| Deltaflexiviridae | 30.32 | 30.32 | 30.32 | 30.32 | NA | 30.32 | 30.32 |
| Orthomyxoviridae | 30.20 | 22.26 | 82.78 | 55.28 | 53.31 | -0.46 | 170.16 |
| Caliciviridae | 29.63 | 0.78 | 117.45 | 62.31 | 72.18 | -0.77 | 179.39 |
| Betaflexiviridae | 29.00 | 6.90 | 34.35 | 32.80 | 43.68 | 0.11 | 140.06 |
| Nodaviridae | 28.26 | 21.22 | 39.74 | 30.50 | 18.98 | 3.00 | 64.09 |
| Phasmaviridae | 28.18 | 18.35 | 49.75 | 45.51 | 55.24 | 0.00 | 179.39 |
| unclassified Lenarviricota | 26.17 | 16.30 | 37.10 | 33.38 | 30.68 | 11.15 | 130.47 |
| Polycipiviridae | 25.81 | 17.58 | 25.81 | 20.32 | 9.50 | 9.35 | 25.81 |
| Bromoviridae | 24.20 | 1.49 | 48.86 | 43.13 | 60.24 | -0.63 | 179.39 |
| Duinviridae | 23.74 | 15.64 | 37.40 | 28.25 | 19.46 | 3.88 | 102.19 |
| Atkinsviridae | 22.75 | 13.88 | 32.92 | 33.20 | 35.22 | 2.15 | 179.39 |
| Totiviridae | 21.06 | 12.92 | 27.56 | 22.93 | 20.57 | -0.70 | 179.39 |
| Alphaflexiviridae | 20.95 | 20.95 | 106.15 | 50.65 | 51.45 | -0.94 | 106.15 |
| Rhabdoviridae | 20.91 | 0.89 | 64.71 | 45.59 | 59.26 | -0.76 | 179.39 |
| Fiersviridae | 20.47 | 13.22 | 37.21 | 33.42 | 37.08 | -0.53 | 179.39 |
| Dicistroviridae | 19.88 | 8.27 | 40.28 | 29.23 | 32.29 | -0.60 | 179.39 |
| Permutotetraviridae | 19.59 | 16.90 | 22.28 | 19.59 | 7.61 | 14.21 | 24.97 |
| Blumeviridae | 19.09 | 12.98 | 32.23 | 24.95 | 18.76 | 3.11 | 83.79 |
| Narnaviridae | 18.94 | 6.95 | 21.24 | 46.48 | 74.62 | 5.88 | 179.39 |
| Tombusviridae | 18.80 | 12.22 | 44.27 | 37.15 | 41.49 | 0.49 | 179.39 |
| Botourmiaviridae | 18.76 | 8.13 | 26.34 | 22.01 | 25.53 | -0.92 | 179.39 |
| unclassified | 18.47 | 7.54 | 40.15 | 34.86 | 44.35 | -0.95 | 179.39 |
| Chuviridae | 18.45 | 13.24 | 28.11 | 32.61 | 41.27 | -0.80 | 104.03 |
| Steitzviridae | 18.09 | 10.47 | 26.75 | 22.26 | 20.08 | -0.85 | 138.21 |
| Endornaviridae | 17.22 | 4.27 | 36.27 | 28.85 | 42.11 | -0.43 | 154.22 |
| Iflaviridae | 16.78 | -0.15 | 58.91 | 39.38 | 53.97 | -0.64 | 179.39 |
| Fusariviridae | 16.26 | 7.85 | 24.68 | 16.26 | 23.80 | -0.57 | 33.10 |
| Benyviridae | 15.70 | 10.48 | 32.77 | 20.18 | 16.51 | 0.19 | 42.28 |
| Phenuiviridae | 15.34 | 2.70 | 33.95 | 30.74 | 44.79 | -0.79 | 179.39 |
| Chrysoviridae | 14.94 | 14.94 | 14.94 | 14.94 | 0.00 | 14.94 | 14.94 |
| unclassified Kitrinoviricota | 14.10 | 9.24 | 16.41 | 14.26 | 8.31 | 4.70 | 33.03 |
| Spinareoviridae | 10.99 | 0.12 | 23.42 | 14.55 | 16.09 | -0.15 | 42.56 |
| Solemoviridae | 9.62 | 5.74 | 16.36 | 14.17 | 16.94 | -0.48 | 72.39 |
| Barnaviridae | 9.37 | 9.24 | 9.96 | 9.31 | 1.40 | 6.77 | 10.97 |
| Tospoviridae | 9.20 | 5.04 | 9.20 | 6.43 | 4.80 | 0.89 | 9.20 |
| Arteriviridae | 9.08 | 7.08 | 10.92 | 14.05 | 28.43 | -0.26 | 179.39 |
| Partitiviridae | 9.03 | 4.59 | 14.32 | 13.72 | 21.45 | -0.93 | 179.39 |
| Hypoviridae | 8.27 | 7.29 | 25.42 | 24.45 | 33.03 | 7.29 | 73.97 |
| Mitoviridae | 7.96 | -0.53 | 17.43 | 10.74 | 11.25 | -0.53 | 45.41 |
| Xinmoviridae | 7.31 | 7.31 | 7.31 | 7.31 | NA | 7.31 | 7.31 |
| Tymoviridae | 7.31 | 0.50 | 45.99 | 37.12 | 58.61 | -0.94 | 179.39 |
| Secoviridae | 6.79 | 0.31 | 9.00 | 27.77 | 57.09 | -0.70 | 179.39 |
| Birnaviridae | 5.73 | 5.73 | 5.73 | 5.73 | NA | 5.73 | 5.73 |
| Amalgaviridae | 4.73 | 3.76 | 7.75 | 6.00 | 3.35 | 1.46 | 13.22 |
| Potyviridae | 3.28 | 0.51 | 11.41 | 18.96 | 42.09 | -0.93 | 179.39 |
| Gammaflexiviridae | 2.30 | 0.90 | 2.30 | 1.37 | 1.61 | -0.49 | 2.30 |
| Closteroviridae | 1.74 | 0.25 | 3.20 | 1.70 | 1.73 | 0.12 | 3.20 |
| Sinhaliviridae | 1.44 | 0.83 | 7.76 | 7.14 | 12.10 | 0.43 | 25.26 |
| Fimoviridae | 0.62 | 0.38 | 5.27 | 3.56 | 5.51 | 0.14 | 9.92 |
| Cruliviridae | 0.51 | 0.51 | 0.51 | 0.51 | NA | 0.51 | 0.51 |
| Non-RNA-viruses | 0.43 | -0.30 | 9.13 | 12.15 | 27.16 | -1.00 | 179.39 |
| Roniviridae | 0.33 | 0.33 | 0.33 | 0.33 | NA | 0.33 | 0.33 |
| Olifoviridae | 0.28 | 0.28 | 0.28 | 0.28 | NA | 0.28 | 0.28 |
| unclassified Duplornaviricota | 0.24 | 0.24 | 0.24 | 0.24 | NA | 0.24 | 0.24 |
| Pneumoviridae | 0.17 | -0.05 | 89.78 | 59.76 | 103.60 | -0.28 | 179.39 |
| Peribunyaviridae | 0.12 | -0.35 | 0.73 | 0.21 | 1.09 | -0.83 | 1.35 |
| Solspiviridae | -0.04 | -0.63 | 13.87 | 7.04 | 11.11 | -0.90 | 44.79 |
| Kolmioviridae | -0.11 | -0.35 | 0.13 | -0.11 | 0.68 | -0.59 | 0.37 |
| Baculoviridae | -0.11 | -0.34 | 0.49 | 1.63 | 5.28 | -0.97 | 19.21 |
| Nimaviridae | -0.23 | -0.23 | -0.23 | -0.23 | NA | -0.23 | -0.23 |
| Togaviridae | -0.36 | -0.36 | -0.36 | -0.36 | NA | -0.36 | -0.36 |
| Arenaviridae | -0.80 | -0.82 | -0.73 | -0.75 | 0.16 | -0.87 | -0.52 |