Table 1: Bunya Data - RNA viruses (Hunter): Identity [%] for each group

| group | median | Q1 | Q3 | mean | sd | max | min |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Spinareoviridae | 100.00 | 100.000 | 100.000 | 100.00000 | NA | 100.0 | 100.0 |
| Picornaviridae | 95.75 | 82.625 | 98.025 | 89.17222 | 12.59838110 | 45.2 | 100.0 |
| Sedoreoviridae | 94.85 | 93.775 | 96.300 | 94.93333 | 3.41682113 | 89.7 | 100.0 |
| Astroviridae | 93.70 | 87.800 | 97.175 | 91.67941 | 7.57222914 | 63.4 | 100.0 |
| Paramyxoviridae | 93.30 | 86.950 | 95.850 | 90.91000 | 7.37223771 | 75.0 | 98.3 |
| Bromoviridae | 92.70 | 85.350 | 94.275 | 83.78333 | 20.43207446 | 43.2 | 96.4 |
| Virgaviridae | 88.60 | 51.200 | 100.000 | 75.79600 | 26.24699157 | 30.1 | 100.0 |
| Discoviridae | 88.00 | 85.850 | 89.550 | 84.20909 | 14.08704756 | 42.9 | 94.6 |
| Hantaviridae | 87.50 | 85.600 | 89.400 | 87.50000 | 5.37401154 | 83.7 | 91.3 |
| Hepeviridae | 86.70 | 86.700 | 86.700 | 86.70000 | NA | 86.7 | 86.7 |
| unclassified Kitrinoviricota | 86.60 | 79.900 | 93.300 | 86.60000 | 18.95046174 | 73.2 | 100.0 |
| Permutotetraviridae | 86.40 | 86.400 | 86.400 | 86.40000 | NA | 86.4 | 86.4 |
| Marnaviridae | 85.40 | 79.850 | 90.950 | 85.40000 | 15.69777054 | 74.3 | 96.5 |
| Chrysoviridae | 85.25 | 77.450 | 90.075 | 82.27500 | 10.36866272 | 68.3 | 90.3 |
| Lispiviridae | 82.90 | 71.000 | 89.200 | 81.82000 | 13.72486794 | 66.0 | 100.0 |
| Betaflexiviridae | 82.80 | 68.250 | 88.350 | 76.80000 | 20.76078033 | 53.7 | 93.9 |
| unclassified Pisuviricota | 81.35 | 56.950 | 95.275 | 77.91000 | 19.42981702 | 44.7 | 100.0 |
| Rhabdoviridae | 81.10 | 75.000 | 86.400 | 77.49231 | 14.36914875 | 42.9 | 100.0 |
| Mymonaviridae | 80.50 | 76.850 | 85.750 | 81.30000 | 8.82288690 | 68.3 | 95.1 |
| Dicistroviridae | 80.00 | 64.600 | 91.700 | 77.17273 | 17.59472028 | 50.0 | 100.0 |
| Picobirnaviridae | 79.30 | 67.700 | 84.800 | 75.31111 | 10.94631421 | 47.8 | 86.4 |
| Hypoviridae | 79.20 | 55.000 | 81.200 | 70.10000 | 14.95025083 | 52.6 | 82.5 |
| Potyviridae | 79.00 | 58.175 | 95.950 | 75.12500 | 27.07955871 | 42.5 | 100.0 |
| Alphaflexiviridae | 78.80 | 78.200 | 99.200 | 83.40000 | 16.46329250 | 60.8 | 100.0 |
| Tobaniviridae | 78.20 | 76.075 | 92.850 | 83.40000 | 12.28332203 | 70.9 | 100.0 |
| Tombusviridae | 74.10 | 72.425 | 90.050 | 79.27000 | 13.21556742 | 61.7 | 100.0 |
| Botourmiaviridae | 73.50 | 65.300 | 85.400 | 73.57143 | 15.29748812 | 42.9 | 95.5 |
| Caliciviridae | 72.50 | 61.250 | 75.900 | 67.26667 | 15.33503614 | 50.0 | 79.3 |
| Phasmaviridae | 71.10 | 67.950 | 79.700 | 72.72727 | 11.23059134 | 56.2 | 89.8 |
| Deltaflexiviridae | 70.60 | 70.600 | 70.600 | 70.60000 | NA | 70.6 | 70.6 |
| Mesoniviridae | 70.35 | 70.325 | 70.375 | 70.35000 | 0.07071068 | 70.3 | 70.4 |
| Totiviridae | 69.45 | 62.925 | 82.475 | 70.85952 | 12.44325774 | 42.9 | 97.6 |
| Orthomyxoviridae | 68.55 | 64.175 | 72.925 | 68.55000 | 12.37436867 | 59.8 | 77.3 |
| Nairoviridae | 66.00 | 66.000 | 66.000 | 66.00000 | NA | 66.0 | 66.0 |
| Fiersviridae | 65.25 | 48.125 | 67.675 | 61.33333 | 18.10521104 | 38.8 | 87.8 |
| Phenuiviridae | 63.40 | 52.650 | 73.350 | 64.35926 | 15.61442280 | 32.1 | 96.9 |
| Solemoviridae | 63.40 | 60.700 | 71.500 | 68.85714 | 13.90357953 | 57.1 | 97.1 |
| Partitiviridae | 61.30 | 53.200 | 75.150 | 64.70833 | 15.19831784 | 34.5 | 97.6 |
| Nodaviridae | 61.00 | 53.900 | 82.700 | 67.64000 | 15.90402465 | 53.9 | 86.7 |
| Tymoviridae | 60.50 | 56.700 | 61.825 | 62.21667 | 10.39180767 | 52.5 | 82.1 |
| Chuviridae | 60.40 | 54.000 | 72.900 | 65.26000 | 13.69627687 | 53.6 | 85.4 |
| Endornaviridae | 58.60 | 46.950 | 71.950 | 59.02857 | 14.12099079 | 41.8 | 75.0 |
| unclassified | 57.90 | 51.200 | 68.800 | 61.13122 | 14.15598332 | 32.1 | 100.0 |
| Xinmoviridae | 54.30 | 54.300 | 54.300 | 54.30000 | NA | 54.3 | 54.3 |
| Mitoviridae | 52.85 | 51.225 | 57.975 | 56.90000 | 10.97023946 | 47.0 | 88.0 |
| Iflaviridae | 51.85 | 47.550 | 61.250 | 54.26250 | 12.21403613 | 35.4 | 73.2 |
| Tospoviridae | 51.20 | 51.200 | 51.200 | 51.20000 | NA | 51.2 | 51.2 |
| Closteroviridae | 47.50 | 47.500 | 47.500 | 47.50000 | NA | 47.5 | 47.5 |
| Secoviridae | 43.90 | 43.900 | 43.900 | 43.90000 | NA | 43.9 | 43.9 |
| Barnaviridae | 43.00 | 40.650 | 45.350 | 43.00000 | 6.64680374 | 38.3 | 47.7 |
| Amalgaviridae | 42.00 | 40.450 | 43.550 | 42.00000 | 4.38406204 | 38.9 | 45.1 |
| Kitaviridae | 41.80 | 41.500 | 55.900 | 51.00000 | 16.45721726 | 41.2 | 70.0 |
| Narnaviridae | 41.70 | 41.700 | 41.700 | 41.70000 | NA | 41.7 | 41.7 |