Table 1: Hepe Data - RNA viruses (Gatherer): Contig Length [nt] for each group

| group | median | Q1 | Q3 | mean | sd | max | min |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Pneumoviridae | 10373.0 | 10373.00 | 10373.00 | 10373.0000 | NA | 10373 | 10373 |
| Coronaviridae | 9326.0 | 9326.00 | 9326.00 | 9326.0000 | NA | 9326 | 9326 |
| Mimiviridae | 3646.0 | 2827.00 | 5613.00 | 4411.3333 | 2863.755809 | 2008 | 7580 |
| Flaviviridae | 2564.0 | 1777.00 | 2682.00 | 3015.9091 | 2889.533438 | 233 | 10673 |
| Sedoreoviridae | 2161.0 | 2161.00 | 2161.00 | 2161.0000 | NA | 2161 | 2161 |
| unclassified Uroviricota | 1899.0 | 1370.00 | 2703.00 | 2438.0667 | 1962.192231 | 780 | 8742 |
| Steigviridae | 1678.0 | 1678.00 | 1678.00 | 1678.0000 | NA | 1678 | 1678 |
| Narnaviridae | 1035.0 | 612.00 | 1458.00 | 1035.0000 | 1196.424674 | 189 | 1881 |
| Lispiviridae | 926.5 | 584.25 | 1268.75 | 926.5000 | 968.029183 | 242 | 1611 |
| Iridoviridae | 853.0 | 537.50 | 2118.00 | 2134.7273 | 3379.774048 | 215 | 11993 |
| Tymoviridae | 671.0 | 671.00 | 671.00 | 671.0000 | NA | 671 | 671 |
| Amalgaviridae | 562.0 | 562.00 | 562.00 | 562.0000 | NA | 562 | 562 |
| Spinareoviridae | 540.0 | 540.00 | 540.00 | 540.0000 | NA | 540 | 540 |
| Hepeviridae | 467.5 | 290.00 | 906.50 | 1136.8000 | 1548.624360 | 182 | 6148 |
| Phenuiviridae | 411.0 | 246.00 | 462.00 | 365.2857 | 166.526989 | 144 | 586 |
| unclassified Pisuviricota | 400.5 | 259.75 | 1693.00 | 1517.2500 | 2380.079857 | 175 | 11367 |
| Paramyxoviridae | 397.0 | 290.00 | 554.00 | 481.6000 | 260.523128 | 266 | 901 |
| Iflaviridae | 389.0 | 257.00 | 873.00 | 642.4286 | 544.670193 | 185 | 1663 |
| Duinviridae | 380.5 | 269.50 | 1020.00 | 1074.6111 | 1328.664572 | 193 | 4043 |
| Picornaviridae | 372.0 | 240.50 | 557.25 | 1065.2000 | 1974.013964 | 133 | 7497 |
| unclassified | 362.0 | 223.00 | 845.50 | 859.1796 | 1211.439132 | 96 | 10516 |
| Astroviridae | 350.0 | 243.00 | 850.75 | 874.0682 | 1414.791782 | 149 | 6688 |
| Polycipiviridae | 335.0 | 335.00 | 335.00 | 335.0000 | NA | 335 | 335 |
| unclassified Lenarviricota | 327.0 | 205.25 | 768.25 | 832.8000 | 1059.334151 | 183 | 3297 |
| Dicistroviridae | 324.0 | 210.00 | 442.00 | 537.4400 | 604.006904 | 150 | 2317 |
| Tombusviridae | 313.0 | 202.25 | 577.25 | 698.4787 | 916.966325 | 109 | 4172 |
| Hypoviridae | 295.0 | 246.00 | 1540.50 | 1092.6667 | 1467.288088 | 197 | 2786 |
| Rhabdoviridae | 295.0 | 231.50 | 397.00 | 572.5455 | 871.848079 | 145 | 3160 |
| Marnaviridae | 292.0 | 229.75 | 541.25 | 702.6250 | 1530.357153 | 147 | 8894 |
| Fiersviridae | 279.0 | 191.00 | 555.00 | 677.6561 | 977.221642 | 129 | 3975 |
| Partitiviridae | 278.5 | 251.25 | 409.25 | 415.3333 | 411.152755 | 148 | 1886 |
| Picobirnaviridae | 265.0 | 194.25 | 551.75 | 482.6778 | 458.888026 | 145 | 1794 |
| Benyviridae | 264.0 | 187.00 | 844.00 | 1019.4000 | 1485.564135 | 172 | 3630 |
| Blumeviridae | 263.5 | 197.50 | 413.75 | 680.9118 | 1123.943689 | 148 | 4595 |
| Atkinsviridae | 256.5 | 181.50 | 337.50 | 400.6579 | 353.029152 | 123 | 1394 |
| Botourmiaviridae | 254.5 | 213.75 | 294.25 | 514.7222 | 691.806060 | 188 | 2962 |
| Birnaviridae | 253.0 | 253.00 | 253.00 | 253.0000 | NA | 253 | 253 |
| Sinhaliviridae | 251.0 | 251.00 | 251.00 | 251.0000 | NA | 251 | 251 |
| Solemoviridae | 240.5 | 204.75 | 390.25 | 408.7083 | 381.231697 | 151 | 1656 |
| Virgaviridae | 237.5 | 178.25 | 357.25 | 1066.2143 | 2024.511708 | 132 | 7031 |
| Endornaviridae | 235.0 | 206.50 | 375.00 | 309.3333 | 180.378306 | 178 | 515 |
| Discoviridae | 233.0 | 192.00 | 274.00 | 233.0000 | 115.965512 | 151 | 315 |
| Potyviridae | 233.0 | 216.00 | 1473.50 | 1424.7273 | 2450.023432 | 209 | 8519 |
| Barnaviridae | 225.5 | 205.25 | 233.25 | 213.0000 | 31.527766 | 167 | 234 |
| Schizomimiviridae | 205.0 | 203.00 | 207.00 | 205.0000 | 5.656854 | 201 | 209 |
| Steitzviridae | 204.5 | 176.75 | 247.25 | 394.9722 | 694.844556 | 129 | 4144 |
| Secoviridae | 203.0 | 181.75 | 262.50 | 663.3333 | 1119.439443 | 170 | 2947 |
| Solspiviridae | 197.0 | 156.50 | 258.50 | 451.5000 | 887.108158 | 130 | 3521 |
| Tobaniviridae | 194.0 | 194.00 | 194.00 | 194.0000 | NA | 194 | 194 |
| Totiviridae | 191.0 | 174.00 | 216.00 | 192.7895 | 24.604830 | 149 | 236 |
| Betaflexiviridae | 189.0 | 186.50 | 665.50 | 505.0000 | 551.663847 | 184 | 1142 |
| Mitoviridae | 186.0 | 168.00 | 305.00 | 588.0000 | 798.040413 | 149 | 2324 |
| Bromoviridae | 185.0 | 174.00 | 1628.00 | 1139.6667 | 1672.619901 | 163 | 3071 |
| Nodaviridae | 185.0 | 152.50 | 999.75 | 832.1667 | 1185.770200 | 133 | 3077 |
| Caliciviridae | 184.0 | 184.00 | 184.00 | 184.0000 | NA | 184 | 184 |
| Mymonaviridae | 181.0 | 181.00 | 181.00 | 181.0000 | NA | 181 | 181 |
| Tospoviridae | 174.0 | 174.00 | 174.00 | 174.0000 | NA | 174 | 174 |