Table 1: Florian´s Data - Small DNA viruses (Gatherer): E-values for each group

| group | median | Q1 | Q3 | mean | sd | max | min |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Iridoviridae | 117.34057615 | 25.10290686 | 177.66354027 | 104.88024477 | 73.8343619 | 3.140861703 | 177.66354027 |
| Schizomimiviridae | 67.51712642 | 66.52432881 | 68.69680394 | 66.33432255 | 3.9700486 | 59.514278574 | 69.41907502 |
| Phycodnaviridae | 34.03203486 | 17.36807634 | 50.51228984 | 35.22463331 | 20.8107440 | 1.657577319 | 109.64016452 |
| Mimiviridae | 16.26428080 | 5.51245464 | 20.63306357 | 16.84275798 | 13.5974254 | 0.040958608 | 65.69464863 |
| Bicaudaviridae | 15.92445304 | 15.92445304 | 15.92445304 | 15.92445304 | NA | 15.924453039 | 15.92445304 |
| Autographiviridae | 13.15428198 | 9.85433889 | 13.41603134 | 11.12881949 | 3.9702049 | 6.554395797 | 13.67778071 |
| Arenbergviridae | 12.50168945 | 11.67220031 | 13.27997388 | 12.83621736 | 2.4464488 | 8.023650021 | 17.19586057 |
| Baculoviridae | 10.85690654 | 10.52300032 | 11.74704350 | 11.41313729 | 2.0162197 | 9.628932138 | 14.30980392 |
| Marseilleviridae | 9.83268267 | 6.44009337 | 11.09474395 | 8.74407419 | 3.2237819 | 4.055517328 | 14.34294415 |
| unclassified Uroviricota | 7.15801520 | 3.49485002 | 22.81247928 | 18.72801293 | 26.6308461 | -0.763427994 | 98.12842706 |
| Pootjesviridae | 6.17297433 | 5.48240177 | 6.93865039 | 6.24807782 | 1.8356927 | 4.088842391 | 8.55752023 |
| Stanwilliamsviridae | 3.84814285 | 3.48386995 | 4.00458437 | 3.80652645 | 0.3246058 | 3.353596274 | 4.43062609 |
| Straboviridae | 3.54681901 | 2.32525750 | 6.11002388 | 3.92386942 | 2.0484019 | 0.096910013 | 7.42712840 |
| Caliciviridae | 3.52287875 | 3.52287875 | 3.52287875 | 3.52287875 | NA | 3.522878745 | 3.52287875 |
| unclassified | 3.12054405 | 1.36232446 | 21.00605372 | 12.15572928 | 14.9497809 | -0.113943352 | 45.34582346 |
| Secoviridae | 3.10679325 | 3.10679325 | 3.10679325 | 3.10679325 | NA | 3.106793247 | 3.10679325 |
| Kyanoviridae | 2.91656302 | 1.37023588 | 4.46289017 | 2.91656302 | 4.3736736 | -0.176091259 | 6.00921731 |
| Malacoherpesviridae | 2.39794001 | 2.39794001 | 2.39794001 | 2.39794001 | NA | 2.397940009 | 2.39794001 |
| Herelleviridae | 2.27757181 | 1.31705957 | 3.23808405 | 2.27757181 | 2.7167389 | 0.356547324 | 4.19859629 |
| Poxviridae | 1.55284197 | 0.86913073 | 2.12590599 | 1.53142315 | 0.9995496 | -0.041392685 | 3.00000000 |
| Hypoviridae | 0.95860731 | 0.95860731 | 0.95860731 | 0.95860731 | NA | 0.958607315 | 0.95860731 |
| Ackermannviridae | 0.69897000 | 0.57621367 | 0.73298695 | 0.65262977 | 0.1177691 | 0.481486060 | 0.76955108 |
| Allomimiviridae | 0.30980392 | 0.11918641 | 0.31875876 | 0.29109860 | 0.2630281 | 0.008773924 | 0.69897000 |
| Betaflexiviridae | 0.25181197 | 0.25181197 | 0.25181197 | 0.25181197 | NA | 0.251811973 | 0.25181197 |
| Orthoherpesviridae | 0.10790540 | 0.10790540 | 0.10790540 | 0.10790540 | NA | 0.107905397 | 0.10790540 |
| Suoliviridae | 0.01772877 | -0.17609126 | 0.02687215 | -0.13451402 | 0.3025252 | -0.643452676 | 0.10237291 |
| Phenuiviridae | -0.04139269 | -0.04139269 | -0.04139269 | -0.04139269 | NA | -0.041392685 | -0.04139269 |
| unclassified Pisuviricota | -0.17434710 | -0.51583980 | 0.16714561 | -0.17434710 | 0.9658872 | -0.857332496 | 0.50863831 |
| Flaviviridae | -0.20411998 | -0.29216561 | -0.12275633 | -0.20857464 | 0.1694532 | -0.380211242 | -0.04139269 |
| Intestiviridae | -0.34242268 | -0.43695080 | -0.24427536 | -0.34000988 | 0.1926868 | -0.531478917 | -0.14612804 |
| Closteroviridae | -0.39794001 | -0.39794001 | -0.39794001 | -0.39794001 | NA | -0.397940009 | -0.39794001 |
| Adenoviridae | -0.63346846 | -0.63346846 | -0.63346846 | -0.63346846 | NA | -0.633468456 | -0.63346846 |
| Peduoviridae | -0.74036269 | -0.74036269 | -0.74036269 | -0.74036269 | NA | -0.740362689 | -0.74036269 |
| Chrysoviridae | -0.96378783 | -0.96378783 | -0.96378783 | -0.96378783 | NA | -0.963787827 | -0.96378783 |
| Parvoviridae | -0.99563519 | -0.99563519 | -0.99563519 | -0.99563519 | NA | -0.995635195 | -0.99563519 |