Table 1: Nido - Hunter: E-values for each group

| group | median | Q1 | Q3 | mean | sd | min | max |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Discoviridae | 33.703334810 | 33.703334810 | 33.703334810 | 33.703334810 | NA | 33.703334810 | 3.370333e+01 |
| Betaflexiviridae | 30.968968612 | 2.774227503 | 58.821697779 | 42.112046531 | 49.5574876 | 1.602059991 | 1.491752e+02 |
| Virgaviridae | 26.515273405 | 23.962997392 | 27.402740190 | 23.493723450 | 7.9028344 | 1.769551079 | 2.800700e+01 |
| Caliciviridae | 24.395773947 | 24.395773947 | 24.395773947 | 24.395773947 | NA | 24.395773947 | 2.439577e+01 |
| Polycipiviridae | 22.764471553 | 22.764471553 | 22.764471553 | 22.764471553 | NA | 22.764471553 | 2.276447e+01 |
| Flaviviridae | 22.028104401 | 5.356773477 | 26.874409610 | 36.171770043 | 52.3922818 | 0.408935393 | 1.798996e+02 |
| Tobaniviridae | 21.916441805 | 8.267938344 | 26.252441546 | 17.630173967 | 12.5769707 | 0.187086643 | 3.034486e+01 |
| Dicistroviridae | 20.767003890 | 7.139920348 | 25.147782741 | 17.675569916 | 11.0277703 | 2.045757491 | 3.463639e+01 |
| Deltaflexiviridae | 20.143875556 | 12.211858126 | 21.682139532 | 15.881373254 | 10.1642965 | 4.279840697 | 2.322040e+01 |
| Astroviridae | 19.687724888 | 5.692580957 | 27.621027782 | 26.310943332 | 32.7695485 | 0.602059991 | 1.104908e+02 |
| Picobirnaviridae | 19.179142011 | 17.798602876 | 20.282329497 | 21.565477447 | 6.7600465 | 17.110138279 | 3.345717e+01 |
| Tymoviridae | 18.992435434 | 1.782563032 | 30.981891041 | 29.152919261 | 42.8100322 | 0.602059991 | 1.756440e+02 |
| Paramyxoviridae | 17.659555885 | 1.036212173 | 26.627087997 | 15.171934180 | 12.1935808 | 0.327902142 | 3.129243e+01 |
| Marnaviridae | 16.841637508 | 13.110138279 | 20.258060922 | 18.338276058 | 8.6338856 | 8.047691990 | 3.332698e+01 |
| Iflaviridae | 16.003926346 | 15.306495619 | 22.388019820 | 19.795034845 | 7.8055982 | 14.609064893 | 2.877211e+01 |
| Botourmiaviridae | 15.015922966 | 9.939302160 | 17.585026652 | 14.529247320 | 7.7513682 | 2.698970004 | 2.588941e+01 |
| Tombusviridae | 12.555955204 | 9.494850022 | 16.048176965 | 15.020973430 | 11.1141474 | 4.323306390 | 6.501909e+01 |
| Bromoviridae | 12.344547185 | 6.651577250 | 18.037517121 | 12.344547185 | 16.1021506 | 0.958607315 | 2.373049e+01 |
| Totiviridae | 12.005130523 | 5.503586286 | 19.173788152 | 12.856520608 | 9.4615914 | 1.886056648 | 3.110403e+01 |
| Coronaviridae | 11.804100348 | 6.542173472 | 24.752588887 | 33.795810492 | 54.9584788 | 0.602059991 | 1.798996e+02 |
| unclassified | 10.476986665 | 5.521794815 | 17.498941158 | 14.742224761 | 18.1215237 | 0.022276395 | 1.755528e+02 |
| Alphaflexiviridae | 10.134044529 | 5.335823266 | 14.932265792 | 10.134044529 | 13.5714192 | 0.537602002 | 1.973049e+01 |
| Arteriviridae | 9.243284651 | 6.402278511 | 59.352952810 | 34.793973292 | 47.5273097 | 1.376750710 | 1.798996e+02 |
| Carmotetraviridae | 8.876148359 | 8.876148359 | 8.876148359 | 8.876148359 | NA | 8.876148359 | 8.876148e+00 |
| Partitiviridae | 8.659555885 | 5.382999659 | 11.739928612 | 8.714893406 | 5.3596830 | 1.585026652 | 1.738300e+01 |
| Chrysoviridae | 8.332170774 | 0.445826600 | 17.383352203 | 9.497008029 | 10.7344368 | 0.214670165 | 2.110902e+01 |
| Sinhaliviridae | 8.214962147 | 5.306451078 | 11.123473217 | 8.214962147 | 8.2265116 | 2.397940009 | 1.403198e+01 |
| Phenuiviridae | 8.074224071 | 5.626027996 | 10.522420147 | 8.074224071 | 6.9245442 | 3.177831921 | 1.297062e+01 |
| unclassified Pisuviricota | 7.749590278 | 6.485162448 | 9.893427517 | 9.897235182 | 5.9338315 | 5.696803943 | 2.151570e+01 |
| Solemoviridae | 7.545307578 | 5.913243500 | 9.840829990 | 7.550914311 | 3.9708486 | 1.148741651 | 1.439254e+01 |
| Nodaviridae | 7.266000713 | 6.705533774 | 17.246416941 | 12.860192173 | 9.6824091 | 5.151195299 | 2.793181e+01 |
| Mitoviridae | 6.957711861 | 4.501734676 | 9.413689046 | 6.957711861 | 6.9465525 | 2.045757491 | 1.186967e+01 |
| unclassified Kitrinoviricota | 6.301963997 | 4.815817629 | 8.864475690 | 7.378329322 | 4.9027012 | 2.698970004 | 1.421042e+01 |
| Hepeviridae | 5.591760035 | 4.145365020 | 7.558044423 | 5.938352950 | 3.4258540 | 2.698970004 | 9.524329e+00 |
| Permutotetraviridae | 5.519993057 | 5.519993057 | 5.519993057 | 5.519993057 | NA | 5.519993057 | 5.519993e+00 |
| Amalgaviridae | 4.882728704 | 4.882728704 | 4.882728704 | 4.882728704 | NA | 4.882728704 | 4.882729e+00 |
| Barnaviridae | 4.185752404 | 4.185752404 | 4.185752404 | 4.185752404 | NA | 4.185752404 | 4.185752e+00 |
| Potyviridae | 4.047709843 | 2.909095780 | 6.281632033 | 10.615205450 | 19.0115580 | 1.657577319 | 5.745717e+01 |
| Secoviridae | 2.154901960 | 2.037860357 | 2.522878745 | 4.900459435 | 6.9815556 | 1.769551079 | 2.340561e+01 |
| Picornaviridae | 1.958607315 | 1.958607315 | 14.761953897 | 11.438050054 | 15.8303734 | 0.187086643 | 5.019518e+01 |
| Peribunyaviridae | 1.744727495 | 1.565971819 | 2.133803120 | 1.884940794 | 0.5806696 | 1.387216143 | 2.522879e+00 |
| Endornaviridae | 1.434351102 | 1.349735662 | 8.131186759 | 4.343816180 | 4.8207764 | 0.744727495 | 1.076447e+01 |
| Birnaviridae | 1.193820026 | 0.065501549 | 8.694648631 | 3.766115191 | 4.5874457 | 0.040958608 | 8.835647e+00 |
| Sedoreoviridae | 1.072846979 | 0.142508464 | 2.044212985 | 1.113874470 | 1.1836518 | 0.008773924 | 2.301030e+00 |
| Tospoviridae | 1.060480747 | 1.060480747 | 1.060480747 | 1.060480747 | NA | 1.060480747 | 1.060481e+00 |
| Filoviridae | 0.958607315 | 0.958607315 | 0.958607315 | 0.958607315 | NA | 0.958607315 | 9.586073e-01 |
| Fusariviridae | 0.958607315 | 0.958607315 | 0.958607315 | 0.958607315 | NA | 0.958607315 | 9.586073e-01 |
| Mymonaviridae | 0.958607315 | 0.958607315 | 0.958607315 | 0.958607315 | NA | 0.958607315 | 9.586073e-01 |
| Spinareoviridae | 0.940702317 | 0.842714906 | 1.038689729 | 0.940702317 | 0.2771503 | 0.744727495 | 1.136677e+00 |
| Fimoviridae | 0.886056648 | 0.886056648 | 0.886056648 | 0.886056648 | NA | 0.886056648 | 8.860566e-01 |
| Caulimoviridae | 0.828788660 | 0.763879332 | 0.893697987 | 0.828788660 | 0.1835913 | 0.698970004 | 9.586073e-01 |
| Nairoviridae | 0.823908741 | 0.712984366 | 0.918568503 | 0.813065666 | 0.2057985 | 0.602059991 | 1.013228e+00 |
| Closteroviridae | 0.744727495 | 0.545757491 | 2.651123863 | 1.883011737 | 2.3247227 | 0.346787486 | 4.557520e+00 |
| Rhabdoviridae | 0.744727495 | 0.537602002 | 0.958607315 | 8.110667303 | 16.8845602 | 0.004364805 | 3.830803e+01 |
| Narnaviridae | 0.408935393 | 0.408935393 | 0.408935393 | 0.408935393 | NA | 0.408935393 | 4.089354e-01 |
| Chuviridae | 0.327902142 | 0.327902142 | 0.327902142 | 0.327902142 | NA | 0.327902142 | 3.279021e-01 |
| Retroviridae | 0.327902142 | 0.327902142 | 0.327902142 | 0.327902142 | NA | 0.327902142 | 3.279021e-01 |
| Togaviridae | 0.327902142 | 0.327902142 | 0.327902142 | 0.327902142 | NA | 0.327902142 | 3.279021e-01 |
| Nyamiviridae | 0.221848750 | 0.221848750 | 0.221848750 | 0.221848750 | NA | 0.221848750 | 2.218487e-01 |
| Arenaviridae | 0.142667504 | 0.142667504 | 0.142667504 | 0.142667504 | NA | 0.142667504 | 1.426675e-01 |
| Roniviridae | 0.004364805 | 0.004364805 | 0.004364805 | 0.004364805 | NA | 0.004364805 | 4.364805e-03 |