Table 1: Mono\_chu - Gatherer: Table of viral groups detected across query sequences

| Virus Group | Number of Unique Runs | Runs Found |
| --- | --- | --- |
| Amalgaviridae | 1 | SRR16842795 |
| Astroviridae | 5 | SRR20210901, SRR20210903, SRR20210904, SRR20210909, SRR20210912 |
| Baculoviridae | 2 | SRR19654607, SRR20210901 |
| Betaflexiviridae | 1 | SRR16842795 |
| Blumeviridae | 1 | SRR16842795 |
| Bornaviridae | 7 | SRR17216491, SRR20210901, SRR20210902, SRR20210903, SRR20210906, SRR20210909, SRR20210912 |
| Botourmiaviridae | 1 | SRR17216262 |
| Bromoviridae | 1 | SRR16842795 |
| Chrysoviridae | 1 | SRR13631492 |
| Chuviridae | 2 | SRR17216498, SRR22952835 |
| Coronaviridae | 1 | SRR14579862 |
| Discoviridae | 1 | SRR13631492 |
| Fiersviridae | 2 | SRR16842795, SRR20665092 |
| Flaviviridae | 9 | SRR12430149, SRR12430151, SRR17216262, SRR18894134, SRR18894135, SRR18894136, SRR18894137, SRR18894138, SRR18894139 |
| Hantaviridae | 5 | SRR17216481, SRR17216486, SRR17216491, SRR17216496, SRR17216498 |
| Iflaviridae | 1 | SRR12001320 |
| Iridoviridae | 4 | SRR12430155, SRR14579862, SRR16694280, SRR17216262 |
| Lispiviridae | 1 | SRR12001320 |
| Mimiviridae | 1 | ERR6509773 |
| Mitoviridae | 1 | SRR16842795 |
| Nodaviridae | 1 | SRR20665092 |
| Orthoherpesviridae | 1 | SRR14579862 |
| Paramyxoviridae | 20 | ERR6509773, SRR12430148, SRR12430149, SRR12430151, SRR12430155, SRR12430156, SRR12430174, SRR12430176, SRR13631492, SRR17216481, SRR17216486, SRR17216491, SRR17216496, SRR17216498, SRR18894134, SRR18894135, SRR18894136, SRR18894137, SRR18894138, SRR18894139 |
| Partitiviridae | 2 | SRR13631492, SRR16842795 |
| Phenuiviridae | 2 | SRR12001320, SRR17216287 |
| Phycodnaviridae | 4 | SRR12430148, SRR12430149, SRR12430155, SRR12430176 |
| Picobirnaviridae | 1 | SRR16842795 |
| Picornaviridae | 1 | SRR12001320 |
| Potyviridae | 1 | SRR22952835 |
| Rhabdoviridae | 7 | SRR12032699, SRR12805715, SRR17216287, SRR17721719, SRR18171533, SRR18171541, SRR19431078 |
| Secoviridae | 1 | SRR13631492 |
| Sedoreoviridae | 5 | SRR20210901, SRR20210902, SRR20210906, SRR20210909, SRR20210912 |
| Steitzviridae | 1 | SRR16842795 |
| Tobaniviridae | 1 | SRR13631492 |
| Tombusviridae | 1 | SRR16842795 |
| Totiviridae | 4 | SRR13631492, SRR16842795, SRR18171541, SRR20210904 |
| Virgaviridae | 2 | SRR12430174, SRR13631492 |
| unclassified | 8 | ERR6509773, SRR12001320, SRR13631492, SRR14579810, SRR16842795, SRR17216287, SRR17216498, SRR22952835 |
| unclassified Kitrinoviricota | 1 | SRR22952835 |
| unclassified Uroviricota | 2 | SRR12430155, SRR19431078 |