Table 1: Florian´s Data - Large DNA viruses (Gatherer): Table of viral groups detected across query sequences

| Virus Group | Number of Unique Runs | Runs Found |
| --- | --- | --- |
| Adintoviridae | 1 | ZCMV15187\_S4\_L002\_R1\_001 |
| Alloherpesviridae | 1 | ZCMV15187\_S4\_L001\_R2\_001 |
| Allomimiviridae | 4 | 041215Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2 |
| Ascoviridae | 3 | 041215Madag03AD03\_TTAGGC\_L005\_R1, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001 |
| Baculoviridae | 21 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| Hytrosaviridae | 4 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, ZCMV15187\_S4\_L002\_R1\_001 |
| Iridoviridae | 11 | 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R2, ZCMV15187\_S4\_L001\_R1\_001 |
| Mimiviridae | 29 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag01AD01\_ATCACG\_L005\_R2, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R2, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R2, 280116Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2, Tx00232.S5388.1, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| Nudiviridae | 1 | 280116Madag04AD04\_TGACCA\_L005\_R2 |
| Orthoherpesviridae | 27 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R2, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R2, 280116Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| Peduoviridae | 23 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag01AD01\_ATCACG\_L005\_R2, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R2, 280116Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2 |
| Phycodnaviridae | 22 | 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag01AD01\_ATCACG\_L005\_R2, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R2, 280116Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001 |
| Poxviridae | 28 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag01AD01\_ATCACG\_L005\_R2, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R2, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R2, 280116Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| Retroviridae | 1 | ZCMV15187\_S4\_L001\_R2\_001 |
| Schizomimiviridae | 26 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag01AD01\_ATCACG\_L005\_R2, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R2, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R2, 280116Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2, Tx00205.S5388.1, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| unclassified | 27 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R2, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R2, 280116Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2, Tx00205.S5388.1, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| unclassified Uroviricota | 18 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag03AD03\_TTAGGC\_L005\_R1, 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R1, ZCMV15187\_S4\_L002\_R2\_001 |