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

| Virus Group | Number of Unique Runs | Runs Found |
| --- | --- | --- |
| Arenbergviridae | 18 | 041215Madag01AD01\_ATCACG\_L005\_R1, 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag02AD02\_CGATGT\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R1, 041215Madag04AD04\_TGACCA\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag01AD01\_ATCACG\_L005\_R2, 280116Madag02AD02\_CGATGT\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag04AD04\_TGACCA\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| Autographiviridae | 3 | 041215Madag06AD06\_GCCAAT\_L005\_R1, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| Baculoviridae | 4 | 041215Madag03AD03\_TTAGGC\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1 |
| Bicaudaviridae | 1 | 041215Madag03AD03\_TTAGGC\_L005\_R2 |
| Iridoviridae | 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, 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\_L002\_R2\_001 |
| Kyanoviridae | 1 | 280116Madag06AD06\_GCCAAT\_L005\_R2 |
| Marseilleviridae | 11 | 041215Madag02AD02\_CGATGT\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R1, 280116Madag01AD01\_ATCACG\_L005\_R1, 280116Madag01AD01\_ATCACG\_L005\_R2, 280116Madag02AD02\_CGATGT\_L005\_R2, 280116Madag03AD03\_TTAGGC\_L005\_R1, 280116Madag03AD03\_TTAGGC\_L005\_R2, 280116Madag04AD04\_TGACCA\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L002\_R1\_001 |
| Mimiviridae | 30 | 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, Tx00205.S5388.1, Tx00232.S5388.1, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| Phycodnaviridae | 30 | 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, Tx00205.S5388.1, Tx00232.S5388.1, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| Pootjesviridae | 3 | 041215Madag05AD05\_ACAGTG\_L005\_R2, 041215Madag06AD06\_GCCAAT\_L005\_R1, 041215Madag06AD06\_GCCAAT\_L005\_R2 |
| Schizomimiviridae | 5 | 041215Madag01AD01\_ATCACG\_L005\_R2, 041215Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag04AD04\_TGACCA\_L005\_R1, 280116Madag05AD05\_ACAGTG\_L005\_R1, ZCMV15187\_S4\_L001\_R2\_001 |
| Straboviridae | 9 | 041215Madag04AD04\_TGACCA\_L005\_R1, 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\_R2 |
| unclassified | 23 | 041215Madag01AD01\_ATCACG\_L005\_R1, 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, 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\_R2, 280116Madag05AD05\_ACAGTG\_L005\_R2, 280116Madag06AD06\_GCCAAT\_L005\_R1, 280116Madag06AD06\_GCCAAT\_L005\_R2, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |
| unclassified Uroviricota | 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, Tx00205.S5388.1, ZCMV15187\_S4\_L001\_R1\_001, ZCMV15187\_S4\_L001\_R2\_001, ZCMV15187\_S4\_L002\_R1\_001, ZCMV15187\_S4\_L002\_R2\_001 |