**S1 Table.** **Details of different partitiviruses sequence retrieved from NCBI database, used in the phylogenetic analysis.**

|  |  |  |
| --- | --- | --- |
| **Genus** | **Virus**  | **Gene bank accession no. for** |
| RNA-1 | RNA-2 | RNA-3 |
| ***Alphapartitivirus*** | Beet cryptic virus1(BCV-1) | EU489062 | EU489062 |  |
|  | Raphanus sativus cryptic virus1(RsCV-1) | AY949985 | DQ181926 | DQ181927 |
|  | Red clover cryptic virus1 (RCCV-1) | KF484724 | KF484725 |  |
|  | Vicia cryptic virus(VCV) | EF173396 | EF173395 |  |
|  | White clover cryptic virus1(WCCV-1) **TS\*** | AY705784 | AY705785 |  |
|  |  |  |  |  |
| ***Betapartitivirus***  | Atkinsonella hypoxylon virus (AhV) **TS** | NC\_003470 | NC\_003471 | NC\_003472 |
|  | Cannabis cryptic virus(CanCV) | JN196536 | JN196537 |  |
|  | Crimson clover cryptic virus2 (CCCV-2) | JX971982 | JX971983 |  |
|  | Fusarium poe virus1(FpV-1) | AF047013 | AF015924 |  |
|  | Hop trefoil cryptic virus2(HTCV-2) | JX971980 | JX971981 |  |
|  | Red clover cryptic virus2(RCCV-2) | JX971978 | JX971979 |  |
|  | White clover cryptic virus2(WCCV-2) | JX971976 | JX971977 |  |
|  |  |  |  |  |
| ***Deltapartitivirus*** | Beet cryptic virus2(BCV-2*)* | HM560702 | HM560703 | HM560704 |
|  | Beet cryptic virus3(BCV-3) | S63913 |  |  |
|  | Fig cryptic virus(FCV) | FR687854 | FR687855 |  |
|  | Fragaria chiloensis cryptic virus(FcCV) | DQ093961 | DQ355440 | DQ355439 |
|  | Pepper cryptic virus 1(PepCV-1) **TS** | JN117276 | JN117277 |  |
|  | Pepper cryptic virus2(PepCV-2) | JN117278 | JN117279 |  |
|  | Raphanus sativus cryptic virus2 (RsCV-2) | DQ218036 | DQ218037 | DQ218038 |
|  | Raphanus sativus cryptic virus3(RsCV-3) | FJ461349 | FJ461350 |  |
|  | Rose cryptic virus1 ShB-1 (RoCV-1) | EU413666 | EU413667 | EU413668 |
|  | Rose cryptic virus1 (RoCV-1)  | NC\_010346 | NC\_010347 | NC\_010348 |
|  | Rosa multiflora cryptic virus(RmCV) | EU024675 | EU024676 | EU024677 |
|  |  |  |  |  |
| ***Gammapartitivirus*** | Aspergillus ochraceous virus(AoV) | EU118277 | EU118278 | EU118279 |
|  | Ophiostoma partivirus 1(OpV-1) | AM087202 | AM087203 |  |
|  | [Penicillium stoloniferum virus S](http://en.wikipedia.org/w/index.php?title=Penicillium_stoloniferum_virus_S&action=edit&redlink=1)(PsV-S**)TS** | NC\_005976 | NC\_005977 |  |
|  |  |  |  |  |
| ***Cryspovirus*** | Cryptosporidium parvum virus1(CSpV-1) **TS** | U95995 | U95996 |  |
|  |  |  |  |  |
| **Unclassified**  | Carrot cryptic virus (CCV) | FJ550604 | FJ550605 |  |
|  | Ceratocystis polonica partivirus(CpPV) | AY260756 | AY260757 |  |
|  | Citrullus lanatus cryptic virus (CiLCV) | KC429582 | KC429583 |  |
|  | Mulberry cryptic virus 1(MbCV-1)  | ACZ54927 | ACZ54928 |  |
|  | Mycovirus fusarium solanivirus (MFusoV)  | D55668 | D55669 |  |
|  | Persimmon cryptic virus(PerCV) | HE805113 | HE805114 |  |

TS= Type species