**Table S3 Published polyomaviruses used in phylogenetic analysis**

| **Virus species** | **Virus abbreviation** | **Host species** | **GenBank accession number** |
| --- | --- | --- | --- |
| Ateles paniscus polyomavirus 1 | ApanPyV1 | Red-faced spider monkey | JX159987 |
| Avian polyomavirus | APyVa | Parrot and other bird species | NC\_004764 |
| Baboon polyomavirus 1 | SA12  | Vervet monkey; Chacma baboon | [NC\_007611](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=genome&Cmd=ShowDetailView&TermToSearch=23927) |
| Bat polyomavirus 1 | BatPyV1 | North American Bat | [FJ188392](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=genome&Cmd=ShowDetailView&TermToSearch=22960) |
| Bat polyomavirus 2a | BatPyV2a | South American Bat | JQ958892 |
| Bat polyomavirus 2b | BatPyV2b | .. | JQ958891 |
| Bat polyomavirus 2c | BatPyV2c  | .. | JQ958890 |
| Bat polyomavirus 3a A1055 | BatPyV3a  | .. | JQ958886  |
| Bat polyomavirus 3a B0454 | BatPyV3a  | .. | JQ958888 |
| Bat polyomavirus 3b | BatPyV3b  | .. | JQ958893 |
| Bat polyomavirus 4a | BatPyV4a  | .. | JQ958887 |
| Bat polyomavirus 4b | BatPyV4b  | .. | JQ958889 |
| B-lymphotropic polyomavirus | LPyV | African green monkey | [K02562](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=genome&Cmd=ShowDetailView&TermToSearch=17050) |
| BK polyomavirus | BKPyV  | Human | M23122 |
| Bornean orangutan polyomavirus  | OraPyV1 | Orangutan | FN356900 |
| Bovine polyomavirus | BoPyV  | Cattle | [NC\_001442](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=genome&Cmd=ShowDetailView&TermToSearch=10168) |
| Canary polyomavirus | CaPyV | Canary bird | GU\_345044 |
| Cebus albifrons polyomavirus 1 | CalbPyV1 | White-fronted capuchin | JX159988 |
| Cercopithecus erythrotis polyomavirus 1 | CeryPyV1 | Red-eared guenon | JX159985 |
| Crow polyomavirus | CPyV | Jackdaw | DQ192570 |
| Chimpanzee polyomavirus | ChPyV | Central Chimpanzee | FR692335 |
| Horse polyomavirus  | EPyV | Horse | JQ412134 |
| Finch polyomavirus | FPyV  | Bullfinch | DQ192571 |
| Gorilla gorilla gorilla polyomavirus 1 | GgorgPyV1b | Gorilla | HQ385752 |
| Goose hemorrhagic polyomavirus | GHPyV  | Goose | AY140894 |
| Hamster polyomavirus | HaPyV  | Hamster | NC\_001663; AJ006015 |

**… Table S3 continued**

| **Virus species**  | **Virus abbreviation** | **Host species** | **GenBank accession number** |
| --- | --- | --- | --- |
| Human polyomavirus 6 | HPyV6 | Human | HM011558 |
| Human polyomavirus 7 | HPyV7 | .. | HM011565 |
| Human polyomavirus 9 | HPyV9 | .. | HQ696595 |
| Human polyomavirus 10 | HPyV10 | .. | JX262162 |
| JC polyomavirus | JCPyV  | .. | JF424942 |
| KI polyomavirus | KIPyV | .. | NC\_009238 |
| Macaca fascicularis polyomavirus 1 | MfasPyV1 | Crab-eating macaque | JX159986 |
| Mastomys polyomavirus | MasPyV | Mouse | AB\_588640 |
| Merkel cell polyomavirus | MCPyV | Human | JF813003 |
| Murine pneumotropic polyomavirus | MPtV  | Mouse | EF186666 |
| Murine polyomavirus | MPyV  | .. | U27812 |
| MW polyomavirus | MWPyV | Human | JQ898291 |
| Pan troglodytes schweinfurthii polyomavirus 2 | PtrosPyV2 | Eastern Chimpanzee | JX159983 |
| Pan troglodytes verus polyomavirus 1a | PtrovPyV1ab | Western Chimpanzee | HQ385746 |
| Pan troglodytes verus polyomavirus 1b | PtrovPyV1bb | .. | HQ385747 |
| Pan troglodytes verus polyomavirus 2a | PtrovPyV2ab | .. | HQ385748 |
| Pan troglodytes verus polyomavirus 2c | PtrovPyV2cb | .. | HQ385749 |
| Pan troglodytes verus polyomavirus 3 | PtrovPyV3 | .. | JX159980 |
| Pan troglodytes verus polyomavirus 4 | PtrovPyV4 | .. | JX159981 |
| Pan troglodytes verus polyomavirus 5 | PtrovPyV5 | .. | JX159982 |
| Piliocolobus rufomitratus polyomavirus 1 | PrufPyV1 | Eastern red colobus | JX159984 |
| Saimiri sciureus polyomavirus 1 | SsciPyV1 | Squirrel monkey | JX159989 |
| Simian virus 40 | SV40  | Rhesus monkey | EF579662 |
| Sea lion polyomavirus 1 | SLPyV | Sea lion | GQ331138 |
| Squirrel monkey polyomavirus | SqPyV | Squirrel monkey | [NC\_009951](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=genome&Cmd=ShowDetailView&TermToSearch=21537) |
| Sumatran orangutan polyomavirus | OraPyV2 | Orangutan | FN356901 |
| Trichodysplasia spinulosa-associated polyomavirus | TSPyV | Human | [NC\_014361](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=genome&Cmd=ShowDetailView&TermToSearch=21537) |
| WU polyomavirus | WUPyV | .. | GU296381 |

a Former name: BFDPyV

b Abbreviation in original reference [Leendertz et al. (2011) J Virol 85: 916-924] : GggPyV1 (GgorgPyV1), PtsPyV1 (PtrosPyV1), PtvPyV1a (PtrovPyV1a), PtvPyV1b (PtrovPyV1b), PtvPyV2a (PtrovPyV2a), PtvPyV2b (PtrovPyV2b), PtvPyV2c (PtrovPyV2c)