Table S1. Complete nucleoprotein (N) lyssavirus genome reference sequences from GenBank used in the analysis. Virus names are: classical rabies virus (RABV), Lyssavirus Aravan (ARAV), Lyssavirus australis (ABLV), Lyssavirus Bokeloh (BBLV), Lyssavirus Duvenhage (DUVV), Lyssavirus Hamburg (EBLV-1), Lyssavirus Helsinki (EBLV-2), Lyssavirus Gannoruwa (GBLV), Lyssavirus Ikoma (IKOV), Lyssavirus Irkut (IRKV), Lyssavirus Khujand (KHUV), Lyssavirus Lagos (LBV), Lyssavirus Lleida (LLEBV), Lyssavirus Mokola (MOKV), Lyssavirus Shimoni (SHIBV), Kotalahti bat lyssavirus (KBVL), Lyssavirus Caucasicus (WCBV) and Lyssavirus Formosa, which includes Taiwan bat lyssavirus -1 (TWBLV-1) and Taiwan bat lyssavirus-2 (TWBLV-2).

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| --- | --- | --- | --- | --- | --- |
| **Virus species** | **Geographical origin** | **Year** | **Species isolated from** | **GenBank reference** | **Reference** |
| RABV | USA | 1986 | Baby Hamster Kidneycells (BHK-21) | NC\_001542 | [1] |
| ARAV | Kyrgyzstan | 2003 | *Myotis blythi* | NC\_020808 | [2] |
| ABLV | Australia | 1998 | *Saccolaimus flaviventris* | NC\_003243 | [3] |
| BBLV | Germany | 2010 | *Myotis nattererii* | NC\_025251 | [4] |
| DUVV | South Africa | 1971 | *Homo sapiens* | NC\_020810 | [5] |
| EBLV-1 | Germany | 1968 | *Eptesicus serotinus* | NC\_009527 | [6] |
| EBLV-2 | United Kingdom | 2002 | *Homo sapiens* | NC\_009528 | [6] |
| GBLV | Sri Lanka | 2015 | *Pteropus giganteus* | NC\_031988 | [7] |
| IKOV | Tanzania | 2009 | *Civettictis civetta* | NC\_018629 | [8] |
| IRKV | Russia | 2003 | *Murina leucogaster* | NC\_020809 | [9] |
| KHUV | Tajikistan | 2003 | *Murina leucogaster* | NC\_025385 | [10] |
| LBV | Senegal | 1985 | *Eidolon helvum* | NC\_020807 | [5] |
| LLEBV | Spain | 2011 | *Miniopterus schreibersii* | NC\_031955 | Unpublished |
| MOKV | France | 1996 | *Felis catus* | NC\_006429 | [11] |
| SHIBV | Kenya | 2009 | *Hipposideros commersoni* | NC\_025365 | [12] |
| KBVL | Finland | 2017 | *Myotis brandti* | LR994545 | [13] |
| WCBV | Russia | 2003 | *Murina leucogaster* | NC\_025377 | [10] |
| TWBLV-1 | Taiwan | 2018 | *Pipistrellus abramus* | ON437590 | [14 |
| TWBLV-2 | Taiwan | 2018 | *Nyctalus plancyi velutinus* | ON437589 | [14] |

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