

**Supplementary table 4** Accession numbers and titles of the viral sequences deposited by Gil P. et al. in the NCBI GenBank database along with their corresponding SRS data accession numbers in the NCBI SRA database.

| GenBank virus<br>accession number | Virus title  | SRA sample<br>accession number(s)  |
|-----------------------------------|--|--|
| OL870603.1                        | Culex Iflavi-like virus 4 isolate Tunisia2015, complete genome   | SRR18056563, SRR18056564   |
| OL870604.1                        | Culex Iflavi-like virus 4 isolate Italy2015, complete genome   | SRR18056567, SRR18056568   |
| OL870605.1                        | Culex Iflavi-like virus 4 isolate France2015, complete genome  | SRR18056569, SRR18056570   |
| OL870606.1                        | Culex Iflavi-like virus 4 isolate Spain2015, complete genome   | SRR18056565, SRR18056566   |
| OL870607.1                        | Culex Iflavi-like virus 4 isolate Egypt2015, complete genome   | SRR18056571, SRR18056572   |
| OL913368.1                        | Alphamesonivirus 1 isolate France2015 genomic sequence   | SRR18056569, SRR18056570   |
| OL913369.1                        | Alphamesonivirus 1 isolate Spain2015 genomic sequence  | SRR18056565, SRR18056566   |
| OL913370.1                        | Alphamesonivirus 1 isolate Italy2015 genomic sequence  | SRR18056567, SRR18056568   |
| OL913371.1                        | Alphamesonivirus 1 isolate Tunisia2015 genomic sequence  | SRR18056563, SRR18056564   |
| OL913372.1                        | Alphamesonivirus 1 isolate Egypt2015 genomic sequence  | SRR18056571, SRR18056572   |
| OP057135.1                        | Alilaet virus isolate Egypt_2015 hypothetical protein and RNA dependent RNA polymerase genes, complete cds; and hypothetical protein gene, partial cds | SRR18056571, SRR18056572   |
| OP264878.1                        | Serbia narna-like virus 1 isolate Mediterranean_2015 genomic sequence  | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264879.1                        | Negev-like virus #174 isolate France_2015 genomic sequence   | SRR18056569, SRR18056570   |
| OP264880.1                        | Guadeloupe Culex rhabdovirus isolate Egypt_2015 genomic sequence   | SRR18056571, SRR18056572   |
| OP264881.1                        | Serbia reo-like virus 1 isolate Mediterranean_2015 genomic sequence  | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264882.1                        | Hubei virga-like virus 2 isolate Mediterranean_2015 genomic sequence   | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264883.1                        | Asum virus isolate France_2015 genomic sequence  | SRR18056569, SRR18056570   |
| OP264884.1                        | Eskilstorp virus isolate France_2015 genomic sequence  | SRR18056569, SRR18056570   |
| OP264886.1                        | Hubei reo-like virus 7 isolate Egypt_2015 genomic sequence   | SRR18056571, SRR18056572   |
| OP264887.1                        | Aedes vexans iflavirus isolate Mediterranean_2015 genomic sequence   | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264888.1                        | Vinslov virus isolate Mediterranean_2015 genomic sequence  | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264889.1                        | Culex orthophasmavirus isolate Egypt_2015 genomic sequence   | SRR18056571, SRR18056572   |
| OP264890.1                        | Culicidavirus quitotaense isolate Mediterranean_2015 genomic sequence  | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264891.1                        | Nackenback virus isolate Spain_2015 genomic sequence   | SRR18056565, SRR18056566   |
| OP264892.1                        | Vivastbo virus isolate Spain_2015 genomic sequence   | SRR18056565, SRR18056566   |
| OP264893.1                        | Culex pipiens-associated Tunisia virus isolate Mediterranean_2015 genomic sequence   | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264894.1                        | Rinkaby virus isolate Mediterranean_2015 genomic sequence  | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264895.1                        | Hubei mosquito virus 4 isolate Mediterranean_2015 genomic sequence   | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264896.1                        | Dezidougou virus isolate Mediterranean_2015 genomic sequence   | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264897.1                        | Broome reo-like virus 1 isolate Mediterranean_2015 genomic sequence  | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264898.1                        | Culex mononega-like virus 2 isolate Spain_2015 genomic sequence  | SRR18056565, SRR18056566   |
| OP264899.1                        | Thassos sobemo-like virus isolate Spain_2015 genomic sequence  | SRR18056565, SRR18056566   |
| OP264900.1                        | Umatilla virus isolate Italy_2015 genomic sequence   | SRR18056567, SRR18056568   |
| OP264901.1                        | Culex Virga-like virus isolate Spain_2015 genomic sequence   | SRR18056565, SRR18056566   |
| OP264902.1                        | Culex rhabdovirus isolate France_2015 genomic sequence   | SRR18056569, SRR18056570   |
| OP264903.1                        | Aphis gossypii virus isolate Tunisia_2015 genomic sequence   | SRR18056563, SRR18056564   |
| OP264904.1                        | Serbia picorna-like virus 1 isolate France_2015 genomic sequence   | SRR18056569, SRR18056570   |
| OP264905.1                        | Biggievirus Mos11 isolate France_2015 genomic sequence   | SRR18056569, SRR18056570   |
| OP264906.1                        | Shuangao Insect Virus 3 isolate Egypt_2015 genomic sequence  | SRR18056571, SRR18056572   |
| OP264907.1                        | Culex modestus totivirus isolate Tunisia_2015 genomic sequence   | SRR18056563, SRR18056564   |
| OP264908.1                        | Valmbacken virus isolate France_2015 genomic sequence  | SRR18056569, SRR18056570   |
| OP264909.1                        | Xanthi chryso-like virus isolate Mediterranean_2015 genomic sequence   | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264910.1                        | Negev virus isolate Mediterranean_2015 genomic sequence  | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264911.1                        | Yongsan picorna-like virus 2 isolate Egypt_2015 genomic sequence   | SRR18056571, SRR18056572   |
| OP264912.1                        | Alphachrysovirus shuangaoense isolate Spain_2015 genomic sequence  | SRR18056565, SRR18056566   |
| OP264913.1                        | Big Sioux River virus isolate Tunisia_2015 genomic sequence  | SRR18056563, SRR18056564   |
| OP264914.1                        | Daeseongdong virus 2 isolate France_2015 genomic sequence  | SRR18056569, SRR18056570   |
| OP264915.1                        | Yongsan iflavirus 1 isolate Mediterranean_2015 genomic sequence  | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264916.1                        | Daeseongdong virus 1 isolate Mediterranean_2015 genomic sequence   | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264917.1                        | Hubei picorna-like virus 23 isolate Spain_2015 genomic sequence  | SRR18056565, SRR18056566   |
| OP264918.1                        | Culex pipiens orthomyxo-like virus isolate Tunisia_2015 genomic sequence   | SRR18056563, SRR18056564   |
| OP264919.1                        | Fako virus isolate Mediterranean_2015 genomic sequence   | SRR18056563, SRR18056564, SRR18056565, SRR18056566, SRR18056567, SRR18056568, SRR18056569, SRR18056570, SRR18056571, SRR18056572 |
| OP264920.1                        | Wuhan Mosquito Virus 4 isolate Spain_2015 genomic sequence   | SRR18056565, SRR18056566   |
| OP264921.1                        | Sonnbo virus isolate Spain_2015 genomic sequence   | SRR18056565, SRR18056566   |
| OP264922.1                        | Culicine-associated Z virus isolate Tunisia_2015 genomic sequence  | SRR18056563, SRR18056564   |
| OP264923.1                        | Almendravirus menghai isolate Tunisia_2015 genomic sequence  | SRR18056563, SRR18056564   |
| OP264924.1                        | Culex modestus orthomyxo-like virus isolate France_2015 genomic sequence   | SRR18056569, SRR18056570   |
| OP264925.1                        | Culex mononega-like virus 1 isolate Spain_2015 genomic sequence  | SRR18056565, SRR18056566   |