

## Supplementary material

Table S1. RT-PCR conditions for the detection of 265 bp fragment of dengue virus - DENV (Flaviviridae) (Chien et al., 2006).

|  |         |           |
|--|---------|-----------|
| Oligonucleotide primers:                                   |         |           |
| FW-mFU1 (5' – TAC AAC ATG ATG GGA AAG CGA GAG AAA AA – 3') |         |           |
| RV-CFD2 (5' – GTG TCC CAG CCG GCG GTG TCA TCA GC – 3')     |         |           |
| 50 °C  | 30 min. |           |
| 95 °C  | 15 min. |           |
| 94 °C  | 30 s.   |           |
| 58 °C  | 2 min.  | 40 cycles |
| 72 °C  | 2 min.  |           |
| 72 °C  | 10 min. |           |
| ∞ 4 °C   |         |           |

Table S2. RT-PCR conditions for the detection of 100 bp fragment of Zika virus - ZIKV (Flaviviridae) (Lanciotti et al., 2008).

|  |         |           |
|--|---------|-----------|
| Oligonucleotide primers:                       |         |           |
| Fw (5' – CCG CTG CCC AAC ACA AG – 3')          |         |           |
| Rv (5' – CCA CTA ACG TTC TTT TGC AGA CAT – 3') |         |           |
| 50 °C  | 30 min. |           |
| 95 °C  | 15 min. |           |
| 94 °C  | 30 s.   |           |
| 60 °C  | 30 s.   | 25 cycles |
| 72 °C  | 1 min.  |           |
| 72 °C  | 10 min. |           |
| ∞ 4 °C   |         |           |

Table S3. RT-PCR conditions for the detection of 106 bp fragment of *chikungunya* virus- CHIKV (Togaviridae) (Lanciotti et al., 2007).

|  |  |  |
|--|--|--|
| Oligonucleotide primers:                     |  |  |
| Fw (5' – ACC ATC GGT GTT CCA TCT AAA G – 3') |  |  |
| Rv (5' – GCC TGG GCT CAT CGT TAT T – 3')     |  |  |

### PIE SOLO PARA LA PRIMERA PÁGINA:

|        |         |           |
|--------|---------|-----------|
| 50 °C  | 30 min. |           |
| 95 °C  | 15 min. |           |
| 95 °C  | 30 s    |           |
| 56 °C  | 1 min.  | 35 cycles |
| 72 °C  | 1 min.  |           |
| 72 °C  | 10 min. |           |
| ∞ 4 °C |         |           |

Table S4. RT-PCR conditions for the detection of 605 bp fragment of rabies virus - *RABV* (Rhabdoviridae) of a first stage of a nested PCR (Picard et al., 2004).

|  |         |           |
|--|---------|-----------|
| Oligonucleotide primers:                       |         |           |
| FW-JW6 (5' – CAR TTV GCR CAC ATY TTR TG – 3')  |         |           |
| RV-JW12 (5' – ATG TAA CAC CYC TAC AAT TG – 3') |         |           |
| 50 °C  | 30 min. |           |
| 95 °C  | 15 min. |           |
| 94 °C  | 15 s    |           |
| 55 °C  | 1 min.  | 35 cycles |
| 72 °C  | 30 s    |           |
| 72 °C  | 10 min. |           |
| ∞ 4 °C   |         |           |

Table S5. RT-PCR conditions for the detection of 581 bp fragment of rabies virus - *RABV* (Rhabdoviridae) of a second stage of a nested PCR (Heaton et al., 1997).

|   |        |  |
|---|--------|--|
| Oligonucleotide primers:                      |        |  |
| JW12 (5' – ATG TAA CAC CYC TAC AAT TG – 3')   |        |  |
| JW10.1 (5' - GTC ATC AAA GTG TGR TGC TC – 3') |        |  |
| JW10.2 (5' - GTC ATC AAT GTG TGR TGT TC – 3') |        |  |
| JW10.3 (5' - GTC ATT AGA GTA TGG TGT TC – 3') |        |  |
| 94 °C   | 5 min. |  |
| 94 °C   | 30 s   |  |

**PIE SOLO PARA LA PRIMERA PÁGINA:**

|        |         |           |
|--------|---------|-----------|
| 55 °C  | 30 s    | 30 Cycles |
| 72 ° C | 1 min.  |           |
| 72 ° C | 10 min. |           |
| ∞ 4 °C |         |           |

Table S6. GenBank accession numbers for the rabies virus sequences of the nucleoprotein gene (N) used in the haplotype network for Mexico. Group A corresponds to the obtained sequences in this work.

| Organism                         | GenBank<br>number | accesssion |
|----------------------------------|-------------------|------------|
| Group A                          |                   |            |
| <i>D. rotundus</i> (haplotype A) | MK887203          |            |
| <i>D. rotundus</i> (haplotype B) | MK887204          |            |
| <i>D. rotundus</i> (haplotype C) | MK887205          |            |
| <i>D. rotundus</i> (haplotype D) | MK887206          |            |
| Group B                          |                   |            |
| Skunk                            | FJ228484          |            |
| Skunk                            | FJ228483          |            |
| Cow                              | FJ228522          |            |
| Group C                          |                   |            |
| Cat                              | FJ228527          |            |
| Bat                              | GU991823          |            |
| Dog                              | KJ001515          |            |
| Group D                          |                   |            |
| Dog                              | KJ001512          |            |
| Dog                              | FJ228516          |            |
| Dog                              | FJ228509          |            |
| Dog                              | FJ228532          |            |
| Dog                              | FJ228521          |            |

**PIE SOLO PARA LA PRIMERA PÁGINA:**