| Identified proteins | Putative species                  | Accession no. | UNINFECTED | INFECTED |
|---------------------|----------------------------------|---------------|------------|----------|
| Nucleocapsid        | [Phlebovirus Co Ar 171616]       | gi|146336901 | X         | X        |
| Nucleocapsid        | [Precarious point virus]         | gi|342360103  | X         | X        |
| Glycoprotein polyprotein | [Heartland virus]               | gi|399207768  | X         | X        |
| Glycoprotein        | [Armero virus]                   | gi|328933902  | X         | X        |
| Polyprotein         | [Mucura virus]                   | gi|327178166  | X         | X        |
| Polyprotein         | [Toscana virus]                  | gi|343454840  | X         | X        |
| Polyprotein         | [Sand fly fever Turkey virus]    | gi|329738745  | X         | X        |
| Polyprotein         | [Itaituba virus]                 | gi|327178164  | X         | X        |
| Polyprotein         | [Nique virus]                    | gi|327178170  | X         | X        |
| Polymerase          | [Phlebovirus GGP-2011a]          | gi|342360114  | X         | X        |
| Polymerase          | [ Rift Valley fever virus]       | gi|433287020-R| X         | X        |
| RNA polymerase      | [SFTSV]                          | gi|387861575  | X         | X        |
| RNA dependent RNA polymerase | [Uukuniemi virus]             | gi|333494494  | X         | X        |
| RNA-dependant RNA polymerase | [Huaiyangshan virus]          | gi|327177385-R| X         | X        |
| Polymerase          | [Toscana virus]                  | gi|167594025  | X         | X        |
| Polymerase          | [Sand fly fever Naples-like virus] | gi|342360093 | X         | X        |
| Polymerase          | [Sand fly fever Turkey virus]    | gi|329738747  | X         | X        |
| L protein           | [Echarate virus]                 | gi|327178186  | X         | X        |
| L protein           | [Granada virus]                  | gi|308197165  | X         | X        |

_S1 Table: Peptide identification in *Leishmania*-infected or -uninfected samples._ The detection of the peptide in either *Leishmania*-infected or –uninfected samples is indicated by an X in the respective column. The majority of peptides were identified in both *Leishmania*-infected and uninfected sandflies, indicating that the presence of virus was not dependent on the presence of the parasite. All identified peptides corresponded to those coded on the S, M, or L segments of the tripartite Phlebovirus genome.