**Table S2.** General characteristics of the infection models used in all studies included in the systematic review.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Author** | ***Leishmania* *spp.*** | ***Leishmania* strain** | **N° parasite inoculated** | **Inoculation route** |
| Kar et al., 1993 | *L. donovani* | MHOM/ET/67/HU3 | 5x107 | intravenous |
| Oliva, 1998 | *L. infantum* | ? | ? | naturally infected |
| Carter et al., 2003 | *L. donovani* | 200011 and 20016 | 2x107 | intravenous |
| Haldar et al., 2009 | *L. donovani* | MHOM/IN/83/AG83 and  MHOM/IN/89/GE1F8R | 5x106 | intracardiac |
| Mutiso, 2011 | *L. donovani* | MHOM/KE/82/LRC-L445/NLB-065 | 1x106 | intraperitoneal |
| Shakya et al., 2012a | *L. donovani* | MHOM/KE/82/LRC-L445/NLB-065 | 1x106 | intraperitoneal |
| Shakya et al., 2012b | *L. infantum* | MHOM/MA/67/ITMAP263 | 2x107 | intracardiac |
| Bhattacharjee et al., 2014 | *L. donovani* | MHOM/IN/89/GE1F8R | 1x107 | intravenous |
| Corral et al., 2014 | *L. infantum* | MCAN/ES/97/10.445 | 1x107 | intraperitoneal |
| Mwololo et al., 2015 | *L. donovani* | MHOM/KE/82/LRC-L445/NLB-065 | 1x106 | intraperitoneal |
| Kahdem et al., 2016 | *L. donovani* | MHOM/ET/67/HU3 | 5x107 | intravenous |
| Hendrickx et al., 2017 | *L. infantum* | MHOM/MA/67/ITMAP263 | 2x107 | intracardiac |
| Joice et al., 2017 | *L. donovani* | MHOM/ET/67:LV82 | 5x107 | intravenous |
| Rebello, 2019 | *L. infantum* | MHOM/MA/67/ITMAP-263 | 1x108 | intraperitoneal |

**?**: data not reported