Supplementary Table 1. Validation of all *Leishmania* parasites (*L. major* and *L. tropica*) were sampled in different hosts and regions of Iran using Real-time PCR.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Origin****Species** | **IPI\*** | **Qom****(slide)** | **Yazd****Abarkoh** | **Khuzestan** | **Kerman****Bam** | **Reference****strain** | **Total** |
| ***L. major*** | **0** | **28** | **13** | **14** | **0** | **3** | **58** |
| ***L. tropica*** | **0** | **13** | **2** | **0** | **3** | **1** | **19** |
| **Negative** | **11** | **35** | **0** | **0** | **0** | **0** | **46** |
| **Total****Host** | **11** | **76** | **15** | **14** | **3** | **4** | **123** |
| **Human** | **11** | **76** | **8** | **0** | **3** | **4** | **102** |
| **Sand-fly** | **0** | **0** | **7** | **5** | **0** | **0** | **12** |
| **Rodent** | **0** | **0** | **0** | **9** | **0** | **0** | **9** |