Supplementary Table S6. *Positive samples in qPCR assays for Anaplasma spp.based on groEL gene with their respective quantification values and reaction parameters, and positive samplesin cPCR assays for Anaplasma spp. based on 16SrRNA gene.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Host | N° of copies/μL | Efficiency (%) | R2 | Slope  | Y-int | cPCR 16SrRNA |
| *Thrichomys fosteri* | 2.304x103 | 98.4 | 0.987 | -3.362 | 39.3 | **+** |
| *Thylamys macrurus* | 2.246x103 | 93 | 0.994 | -3.501 | 43.8 | **+** |
| *Gracilinamus agilis* | 1.997x103 | 93 | 0.994 | -3.501 | 43.8 | **+** |
| *Gracilinamus agilis* | 7.242x101 | 93 | 0.994 | -3.501 | 43.8 | **-** |
| *Amblyoma sculptum* nymph | 4.00x101 | 90.9 | 0.997 | -3.563 | 39.293 | **+** |
| *Amblyomma parvum* | 4.00x101 | 93.5 | 0.996 | -3.489 | 38.643 | **-** |
| *Amblyomma sculptum* | 3.97x101 | 93.5 | 0.996 | -3.489 | 38.643 | **-** |
| *Amblyomma ovale* | 3.96x101 | 91.1 | 0.987 | -3.554 | 40.6 | **+** |
| *Amblyomma sculptum* | 3.95x101 | 90.4 | 0.99 | -3.576 | 40.608 | **-** |
| *Amblyoma sculptum* nymph | 3.94x101 | 91.1 | 0.987 | -3.554 | 40.6 | **+** |
| *Amblyomma sculptum* | 3.91x101 | 95.4 | 0.994 | -3.436 | 39.359 | **-** |
| *Amblyomma sculptum* | 3.91x101 | 93.6 | 0.99 | -3.484 | 39.2 | **-** |
| *Amblyomma parvum* | 3.90x101 | 97.2 | 0.998 | -3.391 | 37.5 | **-** |
| *Amblyomma sculptum* | 3.90x101 | 95.4 | 0.994 | -3.436 | 39.359 | **-** |
| *Amblyoma sculptum* nymph | 3.90x101 | 90.2 | 0.994 | -3.581 | 41.2 | **-** |
| *Amblyomma sculptum* | 3.89x101 | 95.4 | 0.994 | -3.436 | 39.359 | **-** |
| *Amblyomma sculptum* | 3.86x101 | 93.5 | 0.996 | -3.489 | 38.643 | **-** |
| *Amblyoma sculptum* nymph | 3.85x101 | 91.9 | 0.992 | -3.532 | 39.856 | **-** |
| *Amblyoma sculptum* nymph | 3.85x101 | 90 | 0.998 | -3.588 | 39.368 | **-** |
| *Amblyomma sculptum* | 3.83x101 | 97.2 | 0.998 | -3.391 | 37.5 | **-** |
| *Amblyomma sculptum* | 3.82x101 | 97.2 | 0.998 | -3.391 | 37.5 | **-** |
| *Amblyomma sculptum* | 3.81x101 | 93.5 | 0.996 | -3.489 | 38.643 | **-** |
| *Amblyomma ovale* | 3.78x101 | 95.4 | 0.994 | -3.436 | 39.359 | **-** |
| *Amblyomma* larvae | 3.75x101 | 97.2 | 0.998 | -3.391 | 37.5 | **-** |
| *Thrichomys fosteri* | 3.693x101 | 93 | 0.994 | -3.501 | 43.8 | **+** |
| *Oecomys mamorae* | 4.496x100 | 100.8 | 0.992 | -3.304 | 42.9 | **-** |
| *Leopardus pardalis* | - | - | - | - | - | **+** |
| *Nasua nasua* | - | - | - | - | - | **+** |
| *Nasua nasua* | - | - | - | - | - | **+** |
| *Nasua nasua* | - | - | - | - | - | **+** |
| *Nasua nasua* | - | - | - | - | - | **+** |
| *Nasua nasua* | - | - | - | - | - | **+** |
| *Nasua nasua* | - | - | - | - | - | **+** |
| *Nasua nasua* | - | - | - | - | - | **+** |
| *Cerdocyon thous* | - | - | - | - | - | **+** |
| *Canis familiaris* | - | - | - | - | - | **+** |
| *Canis familiaris* | - | - | - | - | - | **+** |
| *Clyomys laticeps* | - | - | - | - | - | **+** |

N° of copies - Number of copies/μL, R2 - Correlation coefficient, Y-int - intercepton the ax