**Supplemental Tables**

**Table S1.** GenBank accession numbers of the *18S rDNA* sequences generated from this study (n = 127) as well as previously published sequences (n = 55) used in the maximum likelihood and Bayesian analyses phylogenetic analyses.

|  |  |
| --- | --- |
| Parasite | Accession number |
| *Blastocrithidia culicis* | **L29266** |
| *Blechomonas lauriereadi* | **KF054127**  |
| *Blechomonas maslovi* | **KF054124** |
| *Blechomonas* sp. BE.BA01 | **MN383281** |
| *Blechomonas wendygibsoni* | **KF054126**  |
| *Bodo edax* | **AY028451** |
| *Bodo saltans* | **AY490234**  |
| *Crithidia oncopelti* | **L29264** |
| *Cryptobia bullocki* | **AF080224** |
| *Cryptobia helicis* | **AF208880** |
| *Herpetomonas mariadeanei* | **U01013** |
| *Herpetomonas megaseliae* | **JQ359715**  |
| *Herpetomonas muscarum muscarum* | **L18872** |
| *Herpetomonas samuelpessoai* | **U01016** |
| *Leishmania* sp. | **AF303938** |
| *Leptomonas pyrrhocoris* | **XR001548753** |
| *Leptomonas seymouri* | **AF153040** |
| *Neobodo designis* | **DQ207588** |
| *Parabodo caudatus* | **JF754435** |
| *Parabodo caudatus-like* | **AY425015**  |
| *Parabodo nitrophilus* | **AY425019** |
| *Parabodo* sp*.* | **AY490218** |
| *Parabodo* sp. PB.BA01 | **MN383282** |
| *Parabodo* sp. PB.BA02 | **MN383283** |
| *Parabodo* sp. PB.BA03 | **MN383284** |
| *Parabodo* sp. PB.LA01 | **MN383196** |
| *Procryptobia sorokini* | **DQ207592**  |
| *Procryptobia* sp. | **AY490216** |
| *T. avium* | **AF416563** |
| *T. brucei rhodesiense* | **AJ009142** |
| *T.* cf. *cervi* PJH-2013 | **JX178198** |
| *T. conorhini* | **AJ012411** |
| *T. cruzi marinkellei* | **AJ009150**  |
| *T. cyclops* | **AJ131958**  |
| *T. dionisii* | **AJ009151** |
| *T. godfreyi* | **AJ009155** |
| *T. grayi* | **AJ620546** |
| *T. kuseli* | **AB175626** |
| *T. lewisi* | **AJ223566** |
| *T. livingstonei* | **KF192984** |
| *T. melophagium* | **HQ664912** |
| *T. microti* | **AJ009158** |
| **Table S1.** Cont.  |   |
| Parasite | Accession number |
| *T. musculi* | **AJ223568** |
| *T. otospermophili* | **AB175625** |
| *T. rabinowitschae* | **AY491765** |
| *T. rangeli* | **FJ900242** |
| *T. scelopori* | **U67182** |
| *T. simiae* | **AJ009162** |
| *T.* sp. ABF(*Wallabia bicolor*) | **AJ620564** |
| *T.* sp. H26 (*Vombatus ursinus*) | **AJ009169** |
| *T.* sp. TL.AQ.22(*Philaemon* sp.) | **AJ620574** |
| *T.* sp. TL.AQ.45(*Philaemon* sp.) | **AJ620575** |
| *T.* sp. TL.AV.43 (*Micobdella* sp.) | **AJ620571** |
| *T.* sp. TryNcCHN503 | **AB242274** |
| *T. theileri* | **KR024688**  |
| *T. thomasbancrofti* | **KT728394** |
| *T. varani* | **AJ005279** |
| *T. vespertilionis* | **AJ009166** |
| *T. wauwau* | **KR653211** |
| *Trypanoplasma borreli* | **L14840** |
| *Trypanosoma* sp. TL.BA01 | **MN383285** |
| *Trypanosoma* sp. TL.BA02 | **MN383286** |
| *Trypanosoma* sp. TL.BA03 | **MN383287** |
| *Trypanosoma* sp. TL.BA04 | **MN383288** |
| *Trypanosoma* sp. TL.BA05 | **MN383289** |
| *Trypanosoma* sp. TL.BA06 | **MN383290** |
| *Trypanosoma* sp. TL.BA07 | **MN383291** |
| *Trypanosoma* sp. TL.BA08 | **MN383292** |
| *Trypanosoma* sp. TL.BA09 | **MN383293** |
| *Trypanosoma* sp. TL.BA10 | **MN383294** |
| *Trypanosoma* sp. TL.BA11 | **MN383295** |
| *Trypanosoma* sp. TL.LA01 | **MN383197** |
| *Trypanosoma* sp. TL.LA02 | **MN383198** |
| *Trypanosoma* sp. TL.LA03 | **MN383199** |
| *Trypanosoma* sp. TL.LA04 | **MN383200** |
| *Trypanosoma* sp. TL.LA05 | **MN383201** |
| *Trypanosoma* sp. TL.LA06 | **MN383202** |
| *Trypanosoma* sp. TL.LA07 | **MN383203** |
| *Trypanosoma* sp. TL.LA08 | **MN383204** |
| *Trypanosoma* sp. TL.LA09 | **MN383205** |
| *Trypanosoma* sp. TL.LA10 | **MN383206** |
| *Trypanosoma* sp. TL.LA11 | **MN383207** |
| *Trypanosoma* sp. TL.LA12 | **MN383208** |
| *Trypanosoma* sp. TL.LA13 | **MN383209** |
| *Trypanosoma* sp. TL.LA14 | **MN383210** |
| *Trypanosoma* sp. TL.LA15 | **MN383211** |
| *Trypanosoma* sp. TL.LA16 | **MN383212** |
| *Trypanosoma* sp. TL.LA17 | **MN383213** |
| *Trypanosoma* sp. TL.LA18 | **MN383214** |
| *Trypanosoma* sp. TL.LA19 | **MN383215** |
| *Trypanosoma* sp. TL.LA20 | **MN383216** |
| *Trypanosoma* sp. TT.BA01 | **MN383296** |
| **Table S1.** Cont.  |  |
| Parasite | Accession number |
| *Trypanosoma* sp. TT.BA02 | **MN383297** |
| *Trypanosoma* sp. TT.BA03 | **MN383298** |
| *Trypanosoma* sp. TT.BA04 | **MN383299** |
| *Trypanosoma* sp. TT.BA05 | **MN383300** |
| *Trypanosoma* sp. TT.BA06 | **MN383301** |
| *Trypanosoma* sp. TT.BA07 | **MN383302** |
| *Trypanosoma* sp. TT.BA08 | **MN383303** |
| *Trypanosoma* sp. TT.BA09 | **MN383304** |
| *Trypanosoma* sp. TT.BA10 | **MN383305** |
| *Trypanosoma* sp. TT.BA11 | **MN383306** |
| *Trypanosoma* sp. TT.BA12 | **MN383307** |
| *Trypanosoma* sp. TT.BA13 | **MN383308** |
| *Trypanosoma* sp. TT.BA14 | **MN383309** |
| *Trypanosoma* sp. TT.BA15 | **MN383310** |
| *Trypanosoma* sp. TT.BA16 | **MN383311** |
| *Trypanosoma* sp. TT.BA17 | **MN383312** |
| *Trypanosoma* sp. TT.BA18 | **MN383313** |
| *Trypanosoma* sp. TT.BA19 | **MN383314** |
| *Trypanosoma* sp. TT.BA20 | **MN383315** |
| *Trypanosoma* sp. TT.BA21 | **MN383316** |
| *Trypanosoma* sp. TT.BA22 | **MN383317** |
| *Trypanosoma* sp. TT.BA23 | **MN383318** |
| *Trypanosoma* sp. TT.BA24 | **MN383319** |
| *Trypanosoma* sp. TT.BA25 | **MN383320** |
| *Trypanosoma* sp. TT.BA26 | **MN383321** |
| *Trypanosoma* sp. TT.BA27 | **MN383322** |
| *Trypanosoma* sp. TT.LA01 | **MN383217** |
| *Trypanosoma* sp. TT.LA02 | **MN383218** |
| *Trypanosoma* sp. TT.LA03 | **MN383219** |
| *Trypanosoma* sp. TT.LA04 | **MN383220** |
| *Trypanosoma* sp. TT.LA05 | **MN383221** |
| *Trypanosoma* sp. TT.LA06 | **MN383222** |
| *Trypanosoma* sp. TT.LA07 | **MN383223** |
| *Trypanosoma* sp. TT.LA08 | **MN383224** |
| *Trypanosoma* sp. TT.LA09 | **MN383225** |
| *Trypanosoma* sp. TT.LA10 | **MN383226** |
| *Trypanosoma* sp. TT.LA11 | **MN383227** |
| *Trypanosoma* sp. TT.LA12 | **MN383228** |
| *Trypanosoma* sp. TT.LA13 | **MN383229** |
| *Trypanosoma* sp. TT.LA14 | **MN383230** |
| *Trypanosoma* sp. TT.LA15 | **MN383231** |
| *Trypanosoma* sp. TT.LA16 | **MN383232** |
| *Trypanosoma* sp. TT.LA17 | **MN383233** |
| *Trypanosoma* sp. TT.LA18 | **MN383234** |
| *Trypanosoma* sp. TT.LA19 | **MN383235** |
| *Trypanosoma* sp. TT.LA20 | **MN383236** |
| *Trypanosoma* sp. TT.LA21 | **MN383237** |
| *Trypanosoma* sp. TT.LA22 | **MN383238** |
| *Trypanosoma* sp. TT.LA23 | **MN383239** |
| *Trypanosoma* sp. TT.LA24 | **MN383240** |
| **Table S1.** Cont.  |   |
| Parasite | Accession number |
| *Trypanosoma* sp. TT.LA25 | **MN383241** |
| *Trypanosoma* sp. TT.LA26 | **MN383242** |
| *Trypanosoma* sp. TT.LA27 | **MN383243** |
| *Trypanosoma* sp. TT.LA28 | **MN383244** |
| *Trypanosoma* sp. TT.LA29 | **MN383245** |
| *Trypanosoma* sp. TT.LA30 | **MN383246** |
| *Trypanosoma* sp. TT.LA31 | **MN383247** |
| *Trypanosoma* sp. TT.LA32 | **MN383248** |
| *Trypanosoma* sp. TT.LA33 | **MN383249** |
| *Trypanosoma* sp. TT.LA34 | **MN383250** |
| *Trypanosoma* sp. TT.LA35 | **MN383251** |
| *Trypanosoma* sp. TT.LA36 | **MN383252** |
| *Trypanosoma* sp. TT.LA37 | **MN383253** |
| *Trypanosoma* sp. TT.LA38 | **MN383254** |
| *Trypanosoma* sp. TT.LA39 | **MN383255** |
| *Trypanosoma* sp. TT.LA40 | **MN383256** |
| *Trypanosoma* sp. TT.LA41 | **MN383257** |
| *Trypanosoma* sp. TT.LA42 | **MN383258** |
| *Trypanosoma* sp. TT.LA43 | **MN383259** |
| *Trypanosoma* sp. TT.LA44 | **MN383260** |
| *Trypanosoma* sp. TT.LA45 | **MN383261** |
| *Trypanosoma* sp. TT.LA46 | **MN383262** |
| *Trypanosoma* sp. TT.LA47 | **MN383263** |
| *Trypanosoma* sp. TT.LA48 | **MN383264** |
| *Trypanosoma* sp. TT.LA49 | **MN383265** |
| *Trypanosoma* sp. TT.LA50 | **MN383266** |
| *Trypanosoma* sp. TT.LA51 | **MN383267** |
| *Trypanosoma* sp. TT.LA52 | **MN383268** |
| *Trypanosoma* sp. TT.LA53 | **MN383269** |
| *Trypanosoma* sp. TT.LA54 | **MN383270** |
| *Trypanosoma* sp. TT.LA55 | **MN383271** |
| *Trypanosoma* sp. TT.LA56 | **MN383272** |
| *Trypanosoma* sp. TT.LA57 | **MN383273** |
| *Trypanosoma* sp. TT.LA58 | **MN383274** |
| *Trypanosoma* sp. TT.LA59 | **MN383275** |
| *Trypanosoma* sp. TT.LA60 | **MN383276** |
| *Trypanosoma* sp. TT.LA61 | **MN383277** |
| *Trypanosoma* sp. TT.LA62 | **MN383278** |
| *Trypanosoma* sp. TT.LA63 | **MN383279** |
| *Trypanosoma* sp. TT.LA64 | **MN383280** |
| Sequences generated by this study are highlighted in red. |

**Table S2.** Parasite genus, host species, specimen collection number, collection date, locality, sex, and haplotype of parasite-positive Sulawesi specimens (n = 156) screened in this study.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Parasite genus (clade) | Host | Specimen number | Collection date | Mountain (site) | Sex | Organism\* | Haplotype |
| *Blechomonas* | *Rattus mollicomulus*  | KCR2714 | 10/15/2016 | Bawakaraeng | M | BE.BA01  | *Blechomonas* sp. |
| *Parabodo*  | *Rattus mollicomulus*  | KCR2940 | 10/30/2016 | Bawakaraeng | M | PB.BA03 | *Parabodo sp.* 1 |
|  | *Bunomys penitus* | KCR2696 | 8/17/2016 | Latimojong | F | PB.LA01  | *Parabodo sp*. 2 |
|  | *Maxomys musschenbroekii* | HH1013 | 10/24/2016 | Bawakaraeng | M | PB.BA01 | *Parabodo sp*. 2 |
|  | *Rattus mollicomulus* | HH1054 | 10/29/2016 | Bawakaraeng | F | PB.BA02 | *Parabodo sp*. 2 |
| *Trypanosoma (lewisi)* | *Bunomys coelestis* | KCR2700 | 10/14/2016 | Bawakaraeng | M | TL.BA06 | Haplotype 3 |
| *Bunomys coelestis* | HH999 | 10/23/2016 | Bawakaraeng | M | TL.BA02 | Haplotype 3 |
| *Bunomys coelestis* | HH1003 | 10/23/2016 | Bawakaraeng | M | TL.BA03 | Haplotype 3 |
| *Bunomys coelestis* | KCR2973 | 10/31/2016 | Bawakaraeng | F | TL.BA09 | Haplotype 3 |
| *Bunomys penitus* | KCR2483 | 8/3/2016 | Latimojong | F | TL.LA10 | Haplotype 2 |
| *Bunomys penitus* | HH742 | 8/6/2016 | Latimojong | F | TL.LA01 | Haplotype 2 |
| *Bunomys penitus* | HH744 | 8/6/2016 | Latimojong | M | TL.LA02 | Haplotype 2 |
|  | *Bunomys penitus* | HH749 | 8/6/2016 | Latimojong | F | TL.LA03 | Haplotype 1 |
|  | *Bunomys penitus* | HH750 | 8/6/2016 | Latimojong | M | TL.LA04 | Haplotype 1 |
|  | *Bunomys penitus* | KCR2530 | 8/6/2016 | Latimojong | M | TL.LA12 | Haplotype 2 |
|  | *Bunomys penitus* | HH770 | 8/8/2016 | Latimojong | M | TL.LA05 | Haplotype 2 |
|  | *Bunomys penitus* | KCR2559 | 8/8/2016 | Latimojong | F | TL.LA14 | Haplotype 1 |
|  | *Bunomys penitus* | KCR2561 | 8/8/2016 | Latimojong | F | TL.LA15 | Haplotype 2 |
|  | *Bunomys penitus* | HH787 | 8/10/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys penitus* | KCR2607 | 8/11/2016 | Latimojong | F | TL.LA16 | Haplotype 2 |
|  | *Bunomys penitus* | HH826 | 8/12/2016 | Latimojong | M | TL.LA09 | Haplotype 2 |
|  | *Bunomys penitus* | KCR2659 | 8/14/2016 | Latimojong | F | TL.LA18 | Haplotype 2 |
|  | *Bunomys penitus* | KCR2671 | 8/15/2016 | Latimojong | M | TL.LA19 | Haplotype 2 |
|  | *Bunomys penitus* | KCR2674 | 8/15/2016 | Latimojong | F | TL.LA20 | Haplotype 2 |
|  | *Bunomys torajae* | HH743 | 8/6/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys torajae* | KCR2529 | 8/6/2016 | Latimojong | F | TL.LA11 | Haplotype 2 |
|  | *Bunomys torajae* | HH776 | 8/8/2016 | Latimojong | F | TL.LA06 | Haplotype 1 |
|  | *Bunomys torajae* | HH777 | 8/8/2016 | Latimojong | M | TL.LA07 | Haplotype 2 |
|  | *Bunomys torajae* | KCR2551 | 8/8/2016 | Latimojong | M | TL.LA13 | Haplotype 2 |
|  | *Bunomys torajae* | HH788 | 8/10/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys torajae* | HH795 | 8/11/2016 | Latimojong | F | TL.LA08 | Haplotype 2 |
| **Table S2.** Cont. |  |  |   |  |  |  |
| Parasite genus (clade) | Host | Specimen number | Collection date | Mountain (site) | Sex | Organism\* | Haplotype |
|  | *Bunomys torajae* | KCR2655 | 8/14/2016 | Latimojong | M | TL.LA17 | Haplotype 1 |
|  | *Rattus bontanus* | HH919 | 10/20/2016 | Bawakaraeng | F | TL.BA01 | Haplotype 3 |
|  | *Rattus exulans* | KCR2997 | 11/1/2016 | Bawakaraeng | M | TL.BA10 | Haplotype 3 |
|  | *Rattus exulans* | KCR3000 | 11/1/2016 | Bawakaraeng | M | TL.BA11 | Haplotype 3 |
|  | *Rattus mollicomulus* | KCR2822 | 10/21/2016 | Bawakaraeng | M | TL.BA07 | Haplotype 4 |
|  | *Rattus mollicomulus* | HH1045 | 10/29/2016 | Bawakaraeng | F | TL.BA04 | Haplotype 3 |
|  | *Rattus mollicomulus* | HH1051 | 10/29/2016 | Bawakaraeng | F | TL.BA05 | Haplotype 3 |
|  | *Rattus mollicomulus* | KCR2941 | 10/30/2016 | Bawakaraeng | M | TL.BA08 | Haplotype 3 |
| *Trypanosoma (theileri)* | *Bunomys coelestis* | HH851 | 10/14/2016 | Bawakaraeng | M | — | Poor sequence |
| *Bunomys coelestis* | HH858 | 10/14/2016 | Bawakaraeng | F | TT.BA02 | Haplotype 16 |
| *Bunomys coelestis* | HH901 | 10/18/2016 | Bawakaraeng | M | TT.BA06 | Haplotype 16 |
| *Bunomys coelestis* | HH920 | 10/20/2016 | Bawakaraeng | M | TT.BA09 | Haplotype 16 |
| *Bunomys coelestis* | HH938 | 10/21/2016 | Bawakaraeng | M | TT.BA10 | Haplotype 20 |
| *Bunomys coelestis* | HH939 | 10/21/2016 | Bawakaraeng | F | TT.BA11 | Haplotype 13 |
|  | *Bunomys coelestis* | HH945 | 10/21/2016 | Bawakaraeng | M | TT.BA13 | Haplotype 14 |
|  | *Bunomys coelestis* | HH965 | 10/22/2016 | Bawakaraeng | F | TT.BA15 | Haplotype 16 |
|  | *Bunomys coelestis* | HH975 | 10/22/2016 | Bawakaraeng | F | TT.BA16 | Haplotype 16 |
|  | *Bunomys coelestis* | HH976 | 10/22/2016 | Bawakaraeng | F | TT.BA17 | Haplotype 16 |
|  | *Bunomys coelestis* | HH977 | 10/22/2016 | Bawakaraeng | M | TT.BA18 | Haplotype 16 |
|  | *Bunomys coelestis* | HH978 | 10/22/2016 | Bawakaraeng | M | TT.BA19 | Haplotype 16 |
|  | *Bunomys coelestis* | HH981 | 10/22/2016 | Bawakaraeng | F | TT.BA20 | Haplotype 16 |
|  | *Bunomys coelestis* | HH994 | 10/23/2016 | Bawakaraeng | M | TT.BA23 | Haplotype 16 |
|  | *Bunomys coelestis* | HH996 | 10/23/2016 | Bawakaraeng | F | TT.BA24 | Haplotype 16 |
|  | *Bunomys coelestis* | HH1021 | 10/24/2016 | Bawakaraeng | M | TT.BA25 | Haplotype 16 |
|  | *Bunomys coelestis* | HH1027 | 10/24/2016 | Bawakaraeng | M | TT.BA26 | Haplotype 16 |
|  | *Bunomys penitus* | KCR2494 | 8/4/2016 | Latimojong | F | TT.LA26 | Haplotype 5 |
|  | *Bunomys penitus* | KCR2495 | 8/4/2016 | Latimojong | M | TT.LA27 | Haplotype 6 |
|  | *Bunomys penitus* | KCR2497 | 8/4/2016 | Latimojong | M | TT.LA29 | Haplotype 12 |
|  | *Bunomys penitus* | KCR2501 | 8/4/2016 | Latimojong | F | TT.LA32 | Haplotype 12 |
|  | *Bunomys penitus* | KCR2515 | 8/5/2016 | Latimojong | F | TT.LA35 | Haplotype 6 |
|  | *Bunomys penitus* | HH748 | 8/6/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys penitus* | KCR2524 | 8/6/2016 | Latimojong | M | TT.LA39 | Haplotype 12 |
| **Table S2.** Cont. |  |  |   |  |  |  |
| Parasite genus (clade) | Host | Specimen number | Collection date | Mountain (site) | Sex | Organism\* | Haplotype |
|  | *Bunomys penitus* | KCR2525 | 8/6/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys penitus* | KCR2528 | 8/6/2016 | Latimojong | F | TT.LA40 | Haplotype 12 |
|  | *Bunomys penitus* | KCR2531 | 8/6/2016 | Latimojong | F | TT.LA41 | Haplotype 12 |
|  | *Bunomys penitus* | HH754 | 8/7/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys penitus* | HH755 | 8/7/2016 | Latimojong | F | TT.LA06 | Haplotype 15 |
|  | *Bunomys penitus* | HH757 | 8/7/2016 | Latimojong | F | TT.LA07 | Haplotype 12 |
|  | *Bunomys penitus* | HH758 | 8/7/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys penitus* | KCR2540 | 8/7/2016 | Latimojong | F | TT.LA42 | Haplotype 16 |
|  | *Bunomys penitus* | KCR2541 | 8/7/2016 | Latimojong | F | TT.LA43 | Haplotype 12 |
|  | *Bunomys penitus* | HH768 | 8/8/2016 | Latimojong | F | TT.LA12 | Haplotype 17 |
|  | *Bunomys penitus* | HH773 | 8/8/2016 | Latimojong | F | TT.LA15 | Haplotype 12 |
|  | *Bunomys penitus* | HH778 | 8/8/2016 | Latimojong | M | TT.LA16 | Haplotype 12 |
|  | *Bunomys penitus* | KCR2555 | 8/8/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys penitus* | KCR2558 | 8/8/2016 | Latimojong | M | TT.LA47 | Haplotype 15 |
|  | *Bunomys penitus* | KCR2560 | 8/8/2016 | Latimojong | F | TT.LA48 | Haplotype 12 |
|  | *Bunomys penitus* | KCR2566 | 8/8/2016 | Latimojong | F | TT.LA49 | Haplotype 5 |
|  | *Bunomys penitus* | HH784 | 8/9/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys penitus* | KCR2568 | 8/9/2016 | Latimojong | F | TT.LA50 | Haplotype 5 |
|  | *Bunomys penitus* | KCR2570 | 8/9/2016 | Latimojong | M | TT.LA52 | Haplotype 12 |
|  | *Bunomys penitus* | HH789 | 8/10/2016 | Latimojong | F | TT.LA17 | Haplotype 12 |
|  | *Bunomys penitus* | HH791 | 8/10/2016 | Latimojong | F | TT.LA18 | Haplotype 15 |
|  | *Bunomys penitus* | KCR2591 | 8/10/2016 | Latimojong | F | TT.LA55 | Haplotype 18 |
|  | *Bunomys penitus* | HH793 | 8/11/2016 | Latimojong | M | TT.LA19 | Haplotype 6 |
|  | *Bunomys penitus* | HH799 | 8/11/2016 | Latimojong | M | TT.LA20 | Haplotype 12 |
|  | *Bunomys penitus* | HH819 | 8/12/2016 | Latimojong | F | TT.LA21 | Haplotype 5 |
|  | *Bunomys penitus* | HH823 | 8/12/2016 | Latimojong | M | TT.LA23 | Haplotype 12 |
|  | *Bunomys penitus* | KCR2620 | 8/12/2016 | Latimojong | F | TT.LA57 | Haplotype 18 |
|  | *Bunomys penitus* | KCR2621 | 8/12/2016 | Latimojong | Unknown | TT.LA58 | Haplotype 18 |
|  | *Bunomys penitus* | KCR2632 | 8/12/2016 | Latimojong | M | TT.LA59 | Haplotype 12 |
|  | *Bunomys penitus* | KCR2633 | 8/13/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys penitus* | KCR2651 | 8/13/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys penitus* | KCR2652 | 8/14/2016 | Latimojong | F | — | Poor sequence |
| **Table S2.** Cont. |  |  |   |  |  |  |
| Parasite genus (clade) | Host | Specimen number | Collection date | Mountain (site) | Sex | Organism\* | Haplotype |
|  | *Bunomys penitus* | KCR2653 | 8/14/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys penitus* | KCR2656 | 8/14/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys penitus* | KCR2673 | 8/15/2016 | Latimojong | F | TT.LA63 | Haplotype 12 |
|  | *Bunomys torajae* | HH699 | 8/2/2016 | Latimojong | M | TT.LA02 | Haplotype 9 |
|  | *Bunomys torajae* | KCR2481 | 8/3/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys torajae* | KCR2490 | 8/4/2016 | Latimojong | M | TT.LA25 | Haplotype 6 |
|  | *Bunomys torajae* | KCR2496 | 8/4/2016 | Latimojong | F | TT.LA28 | Haplotype 9 |
|  | *Bunomys torajae* | KCR2498 | 8/4/2016 | Latimojong | M | TT.LA30 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2500 | 8/4/2016 | Latimojong | F | TT.LA31 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2505 | 8/4/2016 | Latimojong | M | TT.LA33 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2509 | 8/5/2016 | Latimojong | M | TT.LA34 | Haplotype 8 |
|  | *Bunomys torajae* | KCR2513 | 8/5/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys torajae* | KCR2516 | 8/5/2016 | Latimojong | M | TT.LA36 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2521 | 8/5/2016 | Latimojong | M | TT.LA37 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2522 | 8/5/2016 | Latimojong | M | TT.LA38 | Haplotype 12 |
|  | *Bunomys torajae* | HH740 | 8/6/2016 | Latimojong | M | TT.LA03 | Haplotype 12 |
|  | *Bunomys torajae* | HH741 | 8/6/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys torajae* | HH746 | 8/6/2016 | Latimojong | F | TT.LA04 | Haplotype 12 |
|  | *Bunomys torajae* | HH747 | 8/6/2016 | Latimojong | M | TT.LA05 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2532 | 8/6/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys torajae* | HH759 | 8/7/2016 | Latimojong | F | TT.LA08 | Haplotype 6 |
|  | *Bunomys torajae* | HH760 | 8/7/2016 | Latimojong | M | TT.LA09 | Haplotype 9 |
|  | *Bunomys torajae* | KCR2536 | 8/7/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys torajae* | HH767 | 8/8/2016 | Latimojong | M | TT.LA11 | Haplotype 6 |
|  | *Bunomys torajae* | HH769 | 8/8/2016 | Latimojong | F | TT.LA13 | Haplotype 19 |
|  | *Bunomys torajae* | HH771 | 8/8/2016 | Latimojong | F | TT.LA14 | Haplotype 18 |
|  | *Bunomys torajae* | KCR2550 | 8/8/2016 | Latimojong | M | TT.LA44 | Haplotype 6 |
|  | *Bunomys torajae* | KCR2552 | 8/8/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys torajae* | KCR2554 | 8/8/2016 | Latimojong | M | TT.LA45 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2556 | 8/8/2016 | Latimojong | F | TT.LA46 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2569 | 8/9/2016 | Latimojong | M | TT.LA51 | Haplotype 7 |
|  | *Bunomys torajae* | KCR2571 | 8/9/2016 | Latimojong | F | — | Poor sequence |
| **Table S2.** Cont. |  |  |   |  |  |  |
| Parasite genus (clade) | Host | Specimen number | Collection date | Mountain (site) | Sex | Organism\* | Haplotype |
|  | *Paruromys dominator* | HH992 | 10/23/2016 | Bawakaraeng | M | TT.BA22 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2572 | 8/9/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys torajae* | KCR2586 | 8/10/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys torajae* | KCR2589 | 8/10/2016 | Latimojong | F | TT.LA53 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2590 | 8/10/2016 | Latimojong | F | TT.LA54 | Haplotype 12 |
|  | *Bunomys torajae* | HH798 | 8/11/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys torajae* | KCR2606 | 8/11/2016 | Latimojong | F | — | Poor sequence |
|  | *Bunomys torajae* | HH822 | 8/12/2016 | Latimojong | F | TT.LA22 | Haplotype 12 |
|  | *Bunomys torajae* | HH825 | 8/12/2016 | Latimojong | M | TT.LA24 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2657 | 8/14/2016 | Latimojong | F | TT.LA60 | Haplotype 8 |
|  | *Bunomys torajae* | KCR2661 | 8/14/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys torajae* | KCR2670 | 8/15/2016 | Latimojong | M | TT.LA61 | Haplotype 12 |
|  | *Bunomys torajae* | KCR2672 | 8/15/2016 | Latimojong | M | TT.LA62 | Haplotype 6 |
|  | *Bunomys torajae* | KCR2682 | 8/16/2016 | Latimojong | F | TT.LA64 | Haplotype 12 |
|  | *Maxomys musschenbroekii* | HH868 | 10/15/2016 | Bawakaraeng | M | TT.BA04 | Haplotype 21 |
|  | *Maxomys musschenbroekii* | HH962 | 10/22/2016 | Bawakaraeng | F | TT.BA14 | Haplotype 16 |
|  | *Maxomys musschenbroekii* | HH991 | 10/23/2016 | Bawakaraeng | F | TT.BA21 | Haplotype 20 |
|  | *Maxomys musschenbroekii* | HH1035 | 10/25/2016 | Bawakaraeng | F | TT.BA27 | Haplotype 7 |
|  | *Paruromys dominator* | KCR2610 | 8/11/2016 | Latimojong | M | TT.LA56 | Haplotype 12 |
|  | *Paruromys dominator* | HH852 | 10/14/2016 | Bawakaraeng | F | TT.BA01 | Haplotype 20 |
|  | *Paruromys dominator* | HH866 | 10/15/2016 | Bawakaraeng | M | TT.BA03 | Haplotype 20 |
|  | *Paruromys dominator* | HH898 | 10/18/2016 | Bawakaraeng | F | TT.BA05 | Haplotype 14 |
|  | *Paruromys dominator* | HH902 | 10/18/2016 | Bawakaraeng | M | TT.BA07 | Haplotype 16 |
|  | *Paruromys dominator* | HH918 | 10/20/2016 | Bawakaraeng | M | TT.BA08 | Haplotype 16 |
|  | *Paucidentomys vermidax* | HH766 | 8/8/2016 | Latimojong | F | TT.LA10 | Haplotype 11 |
|  | *Rattus bontanus* | HH941 | 10/21/2016 | Bawakaraeng | F | TT.BA12 | Haplotype 21 |
|  | *Rattus facetus* | HH698 | 8/2/2016 | Latimojong | F | TT.LA01 | Haplotype 10 |
|  | *Bunomys torajae* | KCR2587 | 8/10/2016 | Latimojong | M | — | Poor sequence |
|  | *Bunomys torajae* | KCR2634 | 8/13/2016 | Latimojong | M | — | Poor sequence |
| A dash denotes that the sequence does not have an organism name and so has not been submitted to GenBank due to the poor quality of the sequence; however, the sequence has had a successful BLAST result, allowing for its placement within a parasite clade and so is included in the statistical analyses, but not the phylogenetic or population genetic analyses. |

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**Table S3.** Analysis of Molecular Variance (AMOVA) results for *18S rDNA* *Trypanosoma theileri* haplotypes, calculating population structure between and within populations at Mount Latimojong and Mount Bawakaraeng.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source of variation | d.f.  | Sum of squares | Variance components | Percentage of variance  |
| Among populations | 1 | 70.28 | 1.73 Va | 31.33 |
| Within populations | 91 | 346.04 | 3.80 Vb | 68.67 |
| Total | 30 | 416.32 | 5.54 |  |
| Fixation Index | FST: | 0.31 |  |  |

**Table S4.** Analysis of Molecular Variance (AMOVA) results for *18S rDNA* *Trypanosoma lewisi* haplotypes, calculating population structure between and within populations at Mount Latimojong and Mount Bawakaraeng.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source of variation | d.f.  | Sum of squares | Variance components | Percentage of variance  |
| Among populations | 1 | 54.58 |  3.83 Va | 95.21 |
| Within populations | 29 | 5.59 |  0.19 Vb  | 4.79 |
| Total | 30 | 60.16 | 4.02 |  |
| Fixation Index | FST: | 0.95 |  |  |