Table S1. Summary of lineage parasite information, including Genbank accession numbers.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Lineage | Parasite genus | Host Species\*Scientific name Common name | Host Family | Site | Genbank |
| ANGAL01 | *Plasmodium* | *Antilophia galeata* | Helmeted Manakin | Pipridae | B. de Minas | JX029873 |
| BAFLA01 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Jequitinhonha | JX021453 |
|  | *Basileuterus flaveolus* | Flavescent Warbler | Parulidae | Nova Lima |
|  | *Basileuterus flaveolus* (2) | Flavescent Warbler | Parulidae | Jequitinhonha |
| BAFLA02 | *Haemoproteus* | *Tyrannus melancholicus* | Tropical Kingbird | Tyrannidae | Salto da Divisa | JX029903 |
| *Basileuterus flaveolus* | Flavescent Warbler | Parulidae | Felixlândia |
| BAFLA03 | *Plasmodium* | *Basileuterus culicivorus* (2) | Golden-crowned Warbler | Parulidae | Bocaiúva | JX021476 |
| *Basileuterus flaveolus* (3) | Flavescent Warbler | Parulidae | Jequitinhonha |
| *Basileuterus flaveolus* | Flavescent Warbler | Parulidae | Bocaiúva |
| *Celeus flavescens* | Blond-crested Woodpecker | Picidae | B. de Minas |
| *Dryocopus lineatus* | Lineated Woodpecker | Picidae | B. de Minas |
| *Euphonia violacea* | Violaceous Euphonia | Fringillidae | Salto da Divisa |
| *Hylophilus amaurocephalus* | Gray-eyed Greenlet | Vireonidae | Caratinga |
| *Hylophilus amaurocephalus* | Gray-eyed Greenlet | Vireonidae | Manga |
| *Leptopogon amaurocephalus* (2) | Sepia-capped Flycatcher | Tyrannidae | Caratinga |
| *Myiarchus tyrannulus* | Brown-crested Flycatcher | Tyrannidae | Manga |
| *Trichothraupis melanops* (2) | Black-goggled Tanager | Thraupidae | Caratinga |
| *Turdus rufiventris* | Rufous-bellied Thrush | Turdidae | Caratinga |
| BAFLA04 | *Plasmodium* | *Tiaris fuliginosus* | Sooty Grassquit | Emberizidae | Salto da Divisa | JX029861 |
| *Paroaria dominicana* | Red-cowled Cardinal | Emberizidae | Salto da Divisa |
| *Basileuterus flaveolus* (3) | Flavescent Warbler | Parulidae | Felixlândia |
| BAFLA05 | *Plasmodium* | *Basileuterus flaveolus* | Flavescent Warbler | Parulidae | B. de Minas | JX029890 |
| BAHYP01 | *Plasmodium* | *Basileuterus hypoleucus* (3) | White-bellied Warbler | Parulidae | B. de Minas | JX029875 |
| *Coereba flaveola* | Bananaquit | Coerebidae | Felixlândia |
| *Coryphospingus pileatus* | Grey Pileated Finch | Emberizidae | Felixlândia |
| CAOBS01 | *Plasmodium* | *Camptostoma obsoletum* | Southern Beardless-Tyrannulet | Tyrannidae | Felixlândia | JX029879 |
| *Camptostoma obsoletum* (2) | Southern Beardless-Tyrannulet | Tyrannidae | B. de Minas |
| *Gnorimopsar chopi* | Chopi Blackbird | Icteridae | B. de Minas |
| *Thamnophilus caerulescens* | Variable Antshrike | Thamnophilidae | Nova Lima |
| CARUF01 | *Haemoproteus* | *Casiornis rufus* (5) | Rufous Casiornis | Tyrannidae | Felixlândia | JX029902 |
| *Coryphospingus pileatus* | Grey Pileated Finch | Emberizidae | Salto da Divisa |
| CHCAM01 | *Plasmodium* | *Chamaeza campanisona* | Short-tailed Antthrush | Formicariidae | Jequitinhonha | JX021464 |
| COLIN01 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Caratinga | JX021479 |
| *Conopophaga lineata* (5) | Rufous Gnateater | Conopophagidae | Nova Lima |
| COLIN02 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Caratinga | JX021480 |
| COLIN03 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Caratinga | JX021481 |
| COLIN04 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Caratinga | JX021482 |
| COLIN05 | *Plasmodium* | *Conopophaga lineata* (5) | Rufous Gnateater | Conopophagidae | Caratinga | JX021489 |
| *Conopophaga lineata* (5) | Rufous Gnateater | Conopophagidae | Nova Lima |
| *Leptopogon amaurocephalus* (2) | Sepia-capped Flycatcher | Tyrannidae | Nova Lima |
| *Philydor rufum* (2) | Buff-fronted Foliage-gleaner | Furnariidae | Nova Lima |
| *Polioptila plumbea* (3) | Tropical Gnatcatcher | Polioptilidae | Manga |
| *Thraupis sayaca* | Sayaca Tanager | Thraupidae | Aracruz |
| *Tolmomyias flaviventris* | Yellow-breasted Flycatcher | Tyrannidae | Jequitinhonha |
| *Trichothraupis melanops* | Black-goggled Tanager | Thraupidae | Caratinga |
| COLIN06 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Nova Lima | JX021490 |
| COLIN07 | *Plasmodium* | *Conopophaga lineata* (2) | Rufous Gnateater | Conopophagidae | Nova Lima | JX021491 |
| COLIN08 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Nova Lima | JX021492 |
| COLIN09 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Nova Lima | JX021493 |
| COLIN10 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Nova Lima | JX021494 |
| COLIN11 | *Plasmodium* | *Conopophaga lineata* (5) | Rufous Gnateater | Conopophagidae | Nova Lima | JX029899 |
| COLIN12 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Nova Lima | JX021495 |
| COLIN13 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Nova Lima | JX021496 |
| COLIN14 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Nova Lima | JX021497 |
| COLIN15 | *Plasmodium* | *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Nova Lima | JX021451 |
| COLIN16 | *Plasmodium* | *Basileuterus flaveolus* | Flavescent Warbler | Parulidae | Jequitinhonha | JX021452 |
| *Conopophaga lineata* | Rufous Gnateater | Conopophagidae | Nova Lima |
| *Conopophaga lineata* (2) | Rufous Gnateater | Conopophagidae | Jequitinhonha |
| COMEL01 | *Plasmodium* | *Conopophaga melanops* | Black-cheeked Gnateater | Conopophagidae | Caratinga | JX021455 |
| *Conopophaga melanops* | Black-cheeked Gnateater | Conopophagidae | Salto da Divisa |
| COPIL01 | *Plasmodium* | *Coryphospingus pileatus* (3) | Grey Pileated Finch | Emberizidae | Bocaiúva | JX021471 |
| *Nonnula rubecula* | Rusty-breasted Nunlet | Bucconidae | B. de Minas |
| *Troglodytes musculus* (2) | Southern House Wren | Troglodytidae | Salto da Divisa |
| *Volatinia jacarina* (2) | Blue-black Grassquit | Emberizidae | Salto da Divisa |
| COPIL02 | *Plasmodium* | *Coryphospingus pileatus* | Grey Pileated Finch | Emberizidae | Jequitinhonha | JX029863 |
| COSQU01 | *Haemoproteus* | *Claravis pretiosa* | Blue Ground-Dove | Columbidae | Bocaiúva | JX029921 |
| *Claravis pretiosa* | Blue Ground-Dove | Columbidae | B. de Minas |
| *Columbina squammata* (2) | Scaled Dove | Columbidae | Felixlândia |
| *Columbina squammata* (2) | Scaled Dove | Columbidae | Manga |
| COTAL01 | *Haemoproteus* | *Coccyzus melacoryphus* (2) | Dark-billed Cuckoo | Cuculidae | Salto da Divisa | JX029904 |
| *Columbina talpacoti* | Ruddy Ground-Dove | Columbidae | Salto da Divisa |
| *Columbina talpacoti* | Ruddy Ground-Dove | Columbidae | Manga |
| DENPET03 | *Plasmodium* | *Basileuterus flaveolus* (3) | Flavescent Warbler | Parulidae | Felixlândia | JX021474 |
| *Basileuterus flaveolus* | Flavescent Warbler | Parulidae | B. de Minas |
| *Cantorchilus longirostris* | Long-billed Wren | Troglodytidae | Manga |
| *Coereba flaveola* (2) | Bananaquit | Coerebidae | Felixlândia |
| *Coereba flaveola* | Bananaquit | Coerebidae | B. de Minas |
| *Formicivora melanogaster* | Black-bellied Antwren | Thamnophilidae | Bocaiúva |
| *Pachyramphus polychopterus* | White-winged Becard | Tyrannidae | Felixlândia |
| *Parula pitiayumi* | Tropical Parula | Parulidae | B. de Minas |
| *Trichothraupis melanops* | Black-goggled Tanager | Thraupidae | Caratinga |
| *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | B. de Minas |
| *Turdus rufiventris* | Rufous-bellied Thrush | Turdidae | Salto da Divisa |
| *Zonotrichia capensis* | Rufous-collared Sparrow | Emberizidae | Aracruz |
| DETUR01 | *Plasmodium* | *Dendrocincla turdina* (3) | Plain-winged Woodcreeper | Dendrocolaptidae | Sooretama | JX029892 |
| ELALB01 | *Haemoproteus* | *Capsiempis flaveola* (2) | Yellow Tyrannulet | Tyrannidae | Salto da Divisa | JX029900 |
| *Casiornis fuscus* (3) | Ash-throated Casiornis | Tyrannidae | Jequitinhonha |
| *Casiornis fuscus* | Ash-throated Casiornis | Tyrannidae | Salto da Divisa |
| *Dendrocolaptes platyrostris* | Planalto Woodcreeper | Dendrocolaptidae | B. de Minas |
| *Myiarchus tuberculifer* | Dusky-capped Flycatcher | Tyrannidae | Sooretama |
| *Myiodynastes maculatus* (2) | Streaked Flycatcher | Tyrannidae | Salto da Divisa |
| *Pitangus sulphuratus* | Great Kiskadee | Tyrannidae | Salto da Divisa |
| *Tolmomyias flaviventris* (3) | Yellow-breasted Flycatcher | Tyrannidae | Salto da Divisa |
| ELFLA01 | *Haemoproteus* | *Elaenia flavogaster* | Yellow-bellied Elaenia | Tyrannidae | Aracruz | JX029917 |
| *Tyrannus melancholicus* | Tropical Kingbird | Tyrannidae | Aracruz |
| EUCHL01 | *Plasmodium* | *Euphonia chlorotica* | Purple-throated Euphonia | Fringillidae | Bocaiúva | JX029882 |
| EUVIO01 | *Plasmodium* | *Euphonia violacea* | Violaceous Euphonia | Fringillidae | Salto da Divisa | JX021469 |
| FOCOL01 | *Plasmodium* | *Formicarius colma* (2) | Rufous-capped Antthrush | Formicariidae | Sooretama | JX029894 |
| FOCOL02 | *Plasmodium* | *Formicarius colma* | Rufous-capped Antthrush | Formicariidae | Sooretama | JX029895 |
| FOMEL01 | *Plasmodium* | *Formicivora melanogaster* | Black-bellied Antwren | Thamnophilidae | Bocaiúva | JX029870 |
| FOSER01 | *Plasmodium* | *Drymophila squamata* | Scaled Antbird | Thamnophilidae | Caratinga | JX021465 |
| *Formicivora melanogaster* | Black-bellied Antwren | Thamnophilidae | Bocaiúva |
| *Formicivora serrana* | Serra Antwren | Thamnophilidae | Caratinga |
| FULEU01 | *Plasmodium* | *Furnarius leucopus* | Pale-legged Hornero | Furnariidae | Salto da Divisa | JX029901 |
| *Furnarius leucopus* | Pale-legged Hornero | Furnariidae | Manga |
| *Pachyramphus polychopterus* | White-winged Becard | Tyrannidae | Salto da Divisa |
| FURUF01 | *Plasmodium* | *Furnarius rufus* | Rufous Hornero | Furnariidae | B. de Minas | JX029887 |
| GARUF01 | *Plasmodium* | *Galbula ruficauda* | Rufous-tailed Jacamar | Galbulidae | B. de Minas | JX029880 |
| GRW06 | *Plasmodium* | *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Jequitinhonha | JX029877 |
| *Basileuterus hypoleucus* | White-bellied Warbler | Parulidae | B. de Minas |
| *Malacoptila striata* | Crescent-chested Puffbird | Bucconidae | Aracruz |
| *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Aracruz |
| HYREC01 | *Plasmodium* | *Hylocryptus rectirostris* | Chestnut-capped Foliage-gleaner | Furnariidae | B. de Minas | JX029866 |
| ICTCAY01 | *Plasmodium* | *Basileuterus hypoleucus* (2) | White-bellied Warbler | Parulidae | Nova Lima | JX021483 |
| ILMIL01 | *Plasmodium* | *Ilicura militaris* (2) | Pin-tailed Manakin | Pipridae | Nova Lima | JX021478 |
| *Thamnophilus caerulescens* | Variable Antshrike | Thamnophilidae | Nova Lima |
| LEAMA01 | *Plasmodium* | *Conopophaga lineata* (2) | Rufous Gnateater | Conopophagidae | Jequitinhonha | JX021454 |
| *Leptopogon amaurocephalus* (6) | Sepia-capped Flycatcher | Tyrannidae | Caratinga |
| *Leptopogon amaurocephalus* (3) | Sepia-capped Flycatcher | Tyrannidae | Felixlândia |
| LERUF01 | *Haemoproteus* | *Leptotila rufaxilla* | Gray-fronted Dove | Columbidae | Jequitinhonha | JX029909 |
| *Leptotila verreauxi* | White-tipped Dove | Columbidae | Manga |
| MASTR01 | *Plasmodium* | *Malacoptila striata* | Crescent-chested Puffbird | Bucconidae | Jequitinhonha | JX029876 |
| MOBON01 | *Plasmodium* | *Molothrus bonariensis* | Shiny Cowbird | Icteridae | B. de Minas | JX029889 |
| MYCAN01 | *Plasmodium* | *Myiopagis caniceps* | Gray Elaenia | Tyrannidae | Caratinga | JX029883 |
| MYITYR01 | *Plasmodium* | *Myiarchus tuberculifer* (2) | Dusky-capped Flycatcher | Tyrannidae | Salto da Divisa | JX021461 |
| *Myiarchus tyrannulus* (4) | Brown-crested Flycatcher | Tyrannidae | Salto da Divisa |
| *Myiodynastes maculatus* (3) | Streaked Flycatcher | Tyrannidae | B. de Minas |
| *Myiodynastes maculatus* (2) | Streaked Flycatcher | Tyrannidae | Felixlândia |
| MYMAC01 | *Haemoproteus* | *Myiodynastes maculatus* | Streaked Flycatcher | Tyrannidae | B. de Minas | JX029914 |
| MYSWA01 | *Plasmodium* | *Myiarchus ferox* | Short-crested Flycatcher | Tyrannidae | B. de Minas | JX029885 |
| *Myiarchus swainsoni* (2) | Swainson's Flycatcher | Tyrannidae | Bocaiúva |
| *Myiobius barbatus* | Whiskered Flycatcher | Tyrannidae | Bocaiúva |
| NEPIL01 | *Haemoproteus* | *Nemosia pileata* | Hooded Tanager | Thraupidae | Salto da Divisa | JX029906 |
| *Pheugopedius genibarbis* | Moustached Wren | Troglodytidae | Salto da Divisa |
| PACPEC02 | *Haemoproteus* | *Hemitriccus margaritaceiventer* (5) | Pearly-vented Tody-tyrant | Tyrannidae | Felixlândia | JX029911 |
| *Nemosia pileata* | Hooded Tanager | Thraupidae | Felixlândia |  |
| PADOM09 | *Plasmodium* | *Basileuterus culicivorus* | Golden-crowned Warbler | Parulidae | Bocaiúva | JX025076 |
| *Cnemotriccus fuscatus* (3) | Fuscous Flycatcher | Tyrannidae | Jequitinhonha |
| *Cnemotriccus fuscatus* (3) | Fuscous Flycatcher | Tyrannidae | Felixlândia |
| *Cnemotriccus fuscatus* | Fuscous Flycatcher | Tyrannidae | B. de Minas |
| *Elaenia cristata* (2) | Plain-crested Elaenia | Tyrannidae | Felixlândia |
| *Lathrotriccus euleri* (2) | Euler's Flycatcher | Tyrannidae | Felixlândia |
| *Lathrotriccus euleri* (2) | Euler's Flycatcher | Tyrannidae | Bocaiúva |
| *Myiopagis viridicata*  | Greenish Elaenia | Tyrannidae | Jequitinhonha |
| *Myiopagis viridicata* (2) | Euler's Flycatcher | Tyrannidae | B. de Minas |
| *Myiophobus fasciatus* | Bran-colored Flycatcher | Tyrannidae | Salto da Divisa |
| *Pheugopedius genibarbis* | Moustached Wren | Troglodytidae | Salto da Divisa |
| *Pitangus sulphuratus* | Great Kiskadee | Tyrannidae | Salto da Divisa |
| *Trichothraupis melanops* | Black-goggled Tanager | Thraupidae | Caratinga |
| *Troglodytes musculus* | Southern House Wren | Troglodytidae | Aracruz |
| *Tyrannus melancholicus* | Tropical Kingbird | Tyrannidae | Aracruz |
| PADOM11 | *Plasmodium* | *Basileuterus flaveolus* | Flavescent Warbler | Parulidae | Felixlândia | JX021463 |
| *Coryphospingus pileatus* | Grey Pileated Finch | Emberizidae | Felixlândia |
| *Dacnis cayana* | Blue Dacnis | Thraupidae | B. de Minas |
| *Polioptila plumbea* | Tropical Gnatcatcher | Polioptilidae | Bocaiúva |
| *Saltator similis* (2) | Green-winged Saltator | Cardinalidae | Nova Lima |
| *Sittasomus griseicapillus* | Olivaceous Woodcreeper | Dendrocolaptidae | B. de Minas |
| *Trichothraupis melanops* (3) | Black-goggled Tanager | Thraupidae | Jequitinhonha |
| PADOM17 | *Plasmodium* | *Tiaris fuliginosus* | Sooty Grassquit | Emberizidae | Salto da Divisa | JX021470 |
| PAPOL01 | *Haemoproteus* | *Nemosia pileata* | Hooded Tanager | Thraupidae | Salto da Divisa | JX029905 |
| *Nyctidromus albicollis* | Common Pauraque | Caprimulgidae | Salto da Divisa |
| *Pachyramphus polychopterus* | White-winged Becard | Tyrannidae | Salto da Divisa |
| *Paroaria dominicana* | Red-cowled Cardinal | Emberizidae | Salto da Divisa |
| PAPOL02 | *Haemoproteus* | *Pachyramphus polychopterus* | White-winged Becard | Tyrannidae | Salto da Divisa | JX029907 |
| PAPOL03 | *Haemoproteus* | *Pachyramphus polychopterus* | White-winged Becard | Tyrannidae | Salto da Divisa | JX029912 |
| *Pachyramphus polychopterus* (2) | White-winged Becard | Tityridae | Manga |
| PAPOL04 | *Haemoproteus* | *Pachyramphus polychopterus* | White-winged Becard | Tyrannidae | Salto da Divisa | JX029913 |
| PAPOL05 | *Plasmodium* | *Pachyramphus polychopterus* | White-winged Becard | Tyrannidae | Salto da Divisa | JX029884 |
| PAPOL06 | *Plasmodium* | *Pachyramphus polychopterus* | White-winged Becard | Tyrannidae | B. de Minas | JX029888 |
| PESA01 | *Plasmodium* | *Phaeomyias murina* | Mouse-colored Tyrannulet | Tyrannidae | Salto da Divisa | JX029862 |
| PHPAT01 | *Plasmodium* | *Ammodramus humeralis* | Grassland Sparrow | Emberizidae | Salto da Divisa | JX025077 |
| *Basileuterus flaveolus* | Flavescent Warbler | Parulidae | Felixlândia |
| *Phaeomyias murina* | Mouse-colored Tyrannulet | Tyrannidae | Salto da Divisa |
| *Phaeomyias murina* | Mouse-colored Tyrannulet | Tyrannidae | B. de Minas |
| PISUL01 | *Haemoproteus* | *Dendrocolaptes platyrostris* | Planalto Woodcreeper | Dendrocolaptidae | B. de Minas | JX029919 |
| *Pitangus sulphuratus* | Great Kiskadee | Tyrannidae | Salto da Divisa |
| *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Salto da Divisa |
| PYLEU01 | *Plasmodium* | *Dysithamnus plumbeus* (7) | Plumbeous Antvireo | Thamnophilidae | Caratinga | JX021484 |
| *Pyriglena leucoptera* (2) | White-shouldered Fire-eye | Thamnophilidae | Caratinga |
| *Pyriglena leucoptera* | White-shouldered Fire-eye | Thamnophilidae | Sooretama |
| *Pyriglena leucoptera* (2) | White-shouldered Fire-eye | Thamnophilidae | Salto da Divisa |
| *Pyriglena leucoptera* (2) | White-shouldered Fire-eye | Thamnophilidae | Bocaiúva |
| *Pyriglena leucoptera* | White-shouldered Fire-eye | Thamnophilidae | Nova Lima |
| PYLEU02 | *Plasmodium* | *Pyriglena leucoptera* | White-shouldered Fire-eye | Thamnophilidae | Nova Lima | JX021485 |
| PYLEU03 | *Plasmodium* | *Pyriglena leucoptera* | White-shouldered Fire-eye | Thamnophilidae | Nova Lima | JX021486 |
| PYLEU04 | *Plasmodium* | *Pyriglena leucoptera* | White-shouldered Fire-eye | Thamnophilidae | Salto da Divisa | JX021487 |
| PYLEU05 | *Plasmodium* | *Pyriglena leucoptera* | White-shouldered Fire-eye | Thamnophilidae | Salto da Divisa | JX021488 |
| SYCIN01 | *Haemoproteus* | *Synallaxis cinerea* | Bahia Spinetail | Furnariidae | Jequitinhonha | JX029910 |
| TARUF01 | *Plasmodium* | *Basileuterus flaveolus* | Flavescent Warbler | Parulidae | Felixlândia | JX021475 |
| *Saltator similis* | Green-winged Saltator | Cardinalidae | Felixlândia |
| *Tachyphonus rufus* (2) | White-lined Tanager | Thraupidae | B. de Minas |
| *Tangara cayana* | Burnished-buff Tanager | Thraupidae | Caratinga |
| THAMB01 | *Plasmodium* | *Thamnophilus ambiguus* (6) | Sooretama Slaty-Antshrike | Thamnophilidae | Jequitinhonha | JX021456 |
| THAMB02 | *Plasmodium* | *Thamnophilus ambiguus* (5) | Sooretama Slaty-Antshrike | Thamnophilidae | Caratinga | JX021458 |
| *Thamnophilus ambiguus* (15) | Sooretama Slaty-Antshrike | Thamnophilidae | Salto da Divisa |
| *Thamnophilus ambiguus* (2) | Sooretama Slaty-Antshrike | Thamnophilidae | Sooretama |
| THAMB03 | *Plasmodium* | *Thamnophilus ambiguus* (4) | Sooretama Slaty-Antshrike | Thamnophilidae | Salto da Divisa | JX021459 |
| THAMB04 | *Plasmodium* | *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Bocaiúva | JX029864 |
| THAMB05 | *Plasmodium* | *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Bocaiúva | JX029865 |
| THAMB06 | *Plasmodium* | *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Bocaiúva | JX029867 |
| THAMB07 | *Plasmodium* | *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Bocaiúva | JX029868 |
| THAMB08 | *Plasmodium* | *Thamnophilus ambiguus* (2) | Sooretama Slaty-Antshrike | Thamnophilidae | Bocaiúva | JX029869 |
| *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Caratinga |
| *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Sooretama |
| THAMB09 | *Plasmodium* | *Pheugopedius genibarbis* | Moustached Wren | Troglodytidae | Aracruz | JX029893 |
| *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Aracruz |
| THAMB10 | *Plasmodium* | *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Aracruz | JX029896 |
| THCAE01 | *Plasmodium* | *Sakesphorus cristatus* (3) | Silvery-cheeked Antshrike | Thamnophilidae | Bocaiúva | JX021457 |
| *Sakesphorus cristatus* | Silvery-cheeked Antshrike | Thamnophilidae | Manga |
| *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Bocaiúva |
| *Thamnophilus caerulescens* (3) | Variable Antshrike | Thamnophilidae | Nova Lima |
| THSAY01 | *Plasmodium* | *Thraupis sayaca* (2) | Sayaca Tanager | Thraupidae | Bocaiúva | JX029891 |
| *Thlypopsis sordida* | Orange-headed Tanager | Thraupidae | Bocaiúva |
| THSAY02 | *Plasmodium* | *Thraupis sayaca* (3) | Sayaca Tanager | Thraupidae | Aracruz | JX029898 |
| *Trichothraupis melanops* | Black-goggled Tanager | Thraupidae | Caratinga |
| TOFLA01 | *Plasmodium* | *Phaeomyias murina* | Mouse-colored Tyrannulet | Tyrannidae | Felixlândia | JX021472 |
| *Tolmomyias flaviventris* (8) | Yellow-breasted Flycatcher | Tyrannidae | Jequitinhonha |
| *Tolmomyias flaviventris* (2) | Yellow-breasted Flycatcher | Tyrannidae | Salto da Divisa |
| *Tolmomyias flaviventris* | Yellow-breasted Flycatcher | Tyrannidae | Manga |
| TOFLA02 | *Haemoproteus* | *Myiarchus tyrannulus* | Brown-crested Flycatcher | Tyrannidae | Salto da Divisa | JX029908 |
| *Tolmomyias flaviventris* | Yellow-breasted Flycatcher | Tyrannidae | Jequitinhonha |
| TOFLA03 | *Haemoproteus* | *Tolmomyias flaviventris* (2) | Yellow-breasted Flycatcher | Tyrannidae | Aracruz | JX029916 |
| TOSUL01 | *Haemoproteus* | *Tolmomyias sulphurescens* | Yellow-olive Flycatcher | Tyrannidae | B. de Minas | JX029915 |
| *Tolmomyias sulphurescens* | Yellow-olive Flycatcher | Tyrannidae | Felixlândia |
| TRMEL01 | *Plasmodium* | *Trichothraupis melanops* | Black-goggled Tanager | Thraupidae | Caratinga | JX021467 |
| TRMEL02 | *Plasmodium* | *Anabazenops fuscus* | White-collared Foliage-gleaner | Furnariidae | Caratinga | JX021468 |
| *Trichothraupis melanops* (2) | Yellow-olive Flycatcher | Thraupidae | Caratinga |
| *Vireo olivaceus* | Red-eyed Vireo | Vireonidae | Aracruz |
| *Zonotrichia capensis* | Rufous-collared Sparrow | Emberizidae | Aracruz |
| TRMUS01 | *Haemoproteus* | *Troglodytes musculus* (2) | Southern House Wren | Troglodytidae | Aracruz | JX029918 |
| TUAMA01 | *Plasmodium* | *Turdus albicollis* (2) | White-necked Thrush | Turdidae | Bocaiúva | JX021477 |
| *Turdus amaurochalinus* | Creamy-bellied Thrush | Turdidae | Salto da Divisa |
| *Turdus amaurochalinus* | Creamy-bellied Thrush | Turdidae | Bocaiúva |
| *Turdus amaurochalinus* | Creamy-bellied Thrush | Turdidae | Jequitinhonha |
| *Turdus amaurochalinus* | Creamy-bellied Thrush | Turdidae | Manga |
| *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Aracruz |
| TULEU01 | *Plasmodium* | *Thamnophilus ambiguus* | Sooretama Slaty-Antshrike | Thamnophilidae | Salto da Divisa | JX021460 |
| *Turdus amaurochalinus* | Creamy-bellied Thrush | Turdidae | Jequitinhonha |
| *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Caratinga |
| *Turdus leucomelas* (4) | Pale-breasted Thrush | Turdidae | Felixlândia |
| *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Jequitinhonha |
| *Turdus leucomelas* (2) | Pale-breasted Thrush | Turdidae | B. de Minas |
| *Tyrannus melancholicus* (2) | Tropical Kingbird | Tyrannidae | Felixlândia |
| TULEU02 | *Plasmodium* | *Coryphospingus pileatus* | Grey Pileated Finch | Emberizidae | Jequitinhonha | JX021466 |
| *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Caratinga |
| *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Felixlândia |
| TULEU03 | *Plasmodium* | *Turdus leucomelas* (3) | Pale-breasted Thrush | Turdidae | Felixlândia | JX029871 |
| TULEU04 | *Plasmodium* | *Turdus leucomelas* (2) | Pale-breasted Thrush | Turdidae | Felixlândia | JX029872 |
| TULEU05 | *Plasmodium* | *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Felixlândia | JX029874 |
| TULEU06 | *Plasmodium* | *Pachyramphus viridis* | Green-backed Becard | Tyrannidae | B. de Minas | JX029878 |
| *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Jequitinhonha |
| *Turdus leucomelas* (2) | Pale-breasted Thrush | Turdidae | Bocaiúva |
| TULEU07 | *Plasmodium* | *Turdus amaurochalinus* | Creamy-bellied Thrush | Turdidae | Felixlândia | JX029881 |
| *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Felixlândia |
| TULEU08 | *Plasmodium* | *Turdus leucomelas* | Pale-breasted Thrush | Turdidae | Jequitinhonha | JX029886 |
| TUMIG03 | *Plasmodium* | *Turdus amaurochalinus* | Creamy-bellied Thrush | Turdidae | Nova Lima | JX021462 |
| *Turdus amaurochalinus* (4) | Creamy-bellied Thrush | Turdidae | Felixlândia |
| *Turdus amaurochalinus* | Creamy-bellied Thrush | Turdidae | Bocaiúva |
| TURUF01 | *Plasmodium* | *Turdus rufiventris* | Rufous-bellied Thrush | Turdidae | Nova Lima | JX021473 |
| *Turdus rufiventris* (2) | Rufous-bellied Thrush | Turdidae | Caratinga |
| TURUF02 | *Haemoproteus* | *Turdus rufiventris* | Rufous-bellied Thrush | Turdidae | Caratinga | JX029920 |
| VIOLI01 | *Plasmodium* | *Troglodytes musculus* | Southern House Wren | Troglodytidae | Aracruz | JX029897 |
| *Vireo olivaceus* (6) | Red-eyed Vireo | Vireonidae | Aracruz |

\*Number of infected individuals per site is indicated in parenthesis