SD1. GenBank access numbers of cricetid taxa used in the phylogenetic analyses.

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| --- | --- | --- | --- |
| **Accesion number** | **Species** | **Voucher number** | **Reference** |
| GU126544 | *Scolomys juruaense* | INPA 2489 | Smith and Patton (1999) |
| EU579518  | *Scolomys ucayalensis* | AMNH 272721 | Hanson and Bradley (unpublished) |
| AF251520 | *Hylaemys yunganus* | JLP 15535 | Patton et al. (2000) |
| AF251522 | *Hylaeamys laticeps* | ML 101 | Patton et al. (2000) |
| AF108695 | *Hylaeamys megacephalus* | USNM549548 | Smith and Patton (1999) |
| EU579499 | *Hylaeamys megacephalus* | MHNLS 8061 | Hanson and Bradley (unpublished) |
| EF455033 | *Hylaeamys megacephalus* | MN 37814 | Miranda et al. (2007) |
| EU579489 | *Handleyomys alfaroi* | TK 93700 | Hanson and Bradley (unpublished) |
| KF658401 | *Handleyomys alfaroi* | CMCMEX 2246 | Almendra et al. (2014) |
| KF658381 | *Handleyomys chapmani* | CMCMEX 1352 | Almendra et al. (2014) |
| EU579494 | *Handleyomys saturatior* | ROM 101537 | Hanson and Bradley (unpublished) |
| KF658386 | *Handleyomys saturatior* | CURNJAGE 438 | Almendra et al. (2014) |
| AF181273 | *Euryoryzomys lamia* | CR B968 | Bonvicino and Moreira (2001) |
| AF251529 | *Euryoryzomys nitidus* | MSB 166027 | Patton et al. (2000) |
| EU579485 | *Euryoryzomys nitidus* | TK 14571 | Hanson and Bradley (unpublished) |
| EU579513 | *Transandinomys bolivaris* | TK135687 | Hanson and Bradley (unpublished) |
| EU579514 | *Transandinomys talamancae* | TK 135289 | Hanson and Bradley (unpublished) |
| GU126544 | *Transandinomys talamancae* | USNM 449894 | Percequillo et al. (2011) |
| AF251526 | *Euryoryzomys emonsae* | MZUSP 27150 | Patton et al. (2000) |
| EF455018 | *Euryoryzomys russatus* | LF 484 | Miranda et al. (2007) |
| AF251527 | *Euryoryzomys macconnelli* | MNFS 747 | Patton et al. (2000) |
| EU579507 | *Oecomys catherinae* | MF 29 | Hanson and Bradley (unpublished) |
| AJ496311 | *Oecomys rutilus* | V-889 | Mauffrey et al. (unpublished) |
| AJ496305  | *Oecomys auyantepui* | V-1001 | Mauffrey et al. (unpublished) |
| HM594591 | *Oecomys paricola* | UFMG 2841 | Rocha et al. (2011) |
| AY275123 | *Oecomys superans* | MVZ 155006 | D'Elia (2003) |
| JQ312124 | *Oecomys bicolor* | MVZ 154997 | Rocha et al. (2012) |
| HM594612 | *Oecomys cleberi* | LPC 665 | Rocha et al. (2012) |
| HM594615 | *Oecomys concolor* | JLP 16806 | Rocha et al. (2011) |
| EU579509 | *Oecomys mamorae* | JLP 16961 | Hanson and Bradley (unpublished) |
| GU126527 | *Oecomys trinitatis* | MUSM 13320 | Percequillo et al. (2011) |
| FJ361072 | *Oecomys roberti* | UFPB 494 | Miranda et al. (unpublished) |
| KR190457 | *Oecomys roberti* | FLV 107r | Rocha et al. (2015) |
| KY754067 | *Nephelomys keaysi* | MVZ 173987 | Steppan and Schenk (2017) |
| JF693875 | *Nephelomys levipes* | MVZ 171468 | Pine et al. (2012) |
| KY754068 | *Nephelomys levipes* | MVZ 166680 | Steppan and Schenk (2017) |
| DQ224407 | *Nephelomys moerex* | TEL 1447 | Amman et al. (unpublished) |
| KP778209 | *Nephelomys devius* | ROM 97301 | Almendra et al. (unpublished) |
| KP778275  | *Nephelomys devius* | ROM 97317 | Almendra et al. (unpublished) |
| EU579505 | *Nephelomys albigularis* | AMNH 268125 | Hanson and Bradley (unpublished) |
| KP778415 | *Nephelomys albigularis* | LSUMZ 6189 | Almendra et al. (unpublished) |
| KP778386 | *Nephelomys albigularis* | LSUMZ 6191 | Almendra et al. (unpublished) |
| KP778406 | *Nephelomys albigularis* | LSUMZ 6228 | Almendra et al. (unpublished) |
|  --- | *Mindomys kutuku sp. nov* | MECN 5809  | This paper |
| MT700428  | *Mindomy hammondi* | ROM 1055820  | Brito et al. (2020) |
| MZ437999 | *Mindomys hammondi* | MECN 6228 | Brito et al. (2021) |
| MT700420  | *Pattonimus musseri* | MEPN 12587 | Brito et al. (2020) |
| MT700423 | *Pattonimus musseri* | MEPN 12586 | Brito et al. (2020) |
| MT700421 | *Pattonimus musseri* | MEPN 12593 | Brito et al. (2020) |
| MT700422 | *Pattonimus musseri* | MEPN 12605 | Brito et al. (2020) |
| MT700427 | *Pattonimus* sp. | QCAZ 8720 | Brito et al. (2020) |
| MT700418 | *Pattonimus ecominga* | MECN 5298 | Brito et al. (2020) |
| MT700419 | *Pattonimus ecominga* | MEPN 12092 | Brito et al. (2020) |
| MT700415 | *Pattonimus ecominga* | MECN 6041 | Brito et al. (2020) |
| MT700417 | *Pattonimus ecominga* | MECN 5927 | Brito et al. (2020) |
| MT700413 | *Pattonimus ecominga* | JBM 1688 | Brito et al. (2020) |
| MT700414 | *Pattonimus ecominga* | MECN 6040 | Brito et al. (2020) |
| MT700416 | *Pattonimus ecominga* | MECN 6042 | Brito et al. (2020) |
| FJ971254 | *Tanyuromys thomasleei* | TEL2033 | Hanson et al. (2009) |
| MG831951 | *Tanyuromys asphrastus* | KU 159021 | Timm et al. (2018) |
| MG831950 | *Tanyuromys asphrastus* | UCRCRI 1921 | Timm et al. (2018) |
| MG831952 | *Tanyuromys asphrastus* | USNM 541201 | Timm et al. (2018) |
| MH939281 | *Melanomys caliginosus* | JFD 01322 | Franco-Sierra et al. (unpublished) |
| EU340019 | *Melanomys caliginosus* | TK 135789 | Hanson and Bradley (2008) |
| EU340018 | *Melanomys chrysomelas* | TK 121427 | Hanson and Bradley (2008) |
| EU074633 | *Melanomys chrysomelas* | TK 121431 | Hanson and Bradley (unpublished) |
| EU579506 | *Nesoryzomys fernandinae* | ASNCH 10580 | Hanson and Bradley (unpublished) |
| EU579478 | *Aegialomys galapogensis* | ASK 4105 | Hanson and Bradley (unpublished) |
| AF181283 | *Nectomys squamipes* | CRB 540 | Bonvicino and Moreira (2001) |
| KP970131 | *Holochilus vulpinus* | MNHNURY 6213 | D'Elia et al. (2015) |
| EU579495 | *Holochilus brasiliensis* | GD 081 | Hanson and Bradley (unpublished) |
| EU579497 | *Holochilus sciureus* | NK 102248 | Hanson and Bradley (unpublished) |
| EU074631 | *Holochilus sp.* | TK 53509 | Hanson et al. (unpublished) |
| KP970125 | *Lundomys molitor* | EMG 1779  | D'Elia et al. (2015) |
| KP970126 | *Lundomys molitor* | MNHNURY 4292 | D'Elia et al. (2015) |
| EU579480 | *Amphinectomys savamis* | MV 97005 | Hanson and Bradley (unpublished) |
| EU258535 | *Microryzomys minutus* | MVZ 166666 | Hanson (unpublished) |
| AF108698 | *Microryzomys minutus* | MVZ 173975 | Smith and Patton (1999) |
| EU579502 | *Microryzomys minutus* | QCAZ 8353 | Hanson and Bradley (unpublished) |
| EU579510 | *Oreoryzomys balneator* | AMNH 268144 | Hanson and Bradley (unpublished) |
| U58391 | *Neacomys spinosus* | MNFS 1262 | Patton and da Silva (1995) |
| EU579504 | *Neacomys spinosus* | MVZ 155014 | Hanson and Bradley (unpublished) |
| U03535 | *Oligoryzomys longicaudus* | MVZ 155842 | Smith and Patton (1999) |
| EU579482 | *Cerradomys scotti* | TK 61881 | Hanson and Bradley (unpublished) |
| KR149677 | *Cerradomys goytaca* | NPM 358 | Tavares et al. (2016) |
| KR14967 | *Cerradomys goytaca* | NPM 364 | Tavares et al. (2016) |
| JQ966233 | *Oecomys catherinae* | UFE 247 | Machado et al. (2014) |
| U58382 | *Oecomys bicolor* | MNFS 1499 | Patton and da Silva (1995) |

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