Supplementary appendix 3. Character taxon matrix used for the phylogenetic analysis. The letters represent polymorphic scorings (*i*.*e*., A = states 0 and 1; B = states 1 and 2; C = states 1 and 3; D = 0 and 2; E = 1 and 3).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| *Bugtimys zafarullahi* | 000???00?0 | 0031111200 | 110010--10 | -100111200 | 0030001100 | 1001122?20 | 1100002120 |
| *Metaphiomys schaubi* | 000???0100 | 000101???? | ?????????? | ??00121100 | 00111?0101 | 10-0100?11 | 01001-2??? |
| *Phiomys andrewsi* | 100???0000 | 0?????1100 | 0001110101 | 0000001110 | 00111?010? | ?000?11?01 | 1100002101 |
| *Garridomys curunuquem* | 11200?1011 | 2?????0011 | 1002111111 | 2000111000 | 1-101110-- | 2001011??? | ???????121 |
| *Eoviscaccia boliviana* | ?120??1011 | 2?????0011 | 1???111111 | 2100111000 | 1-101?10-? | 0101011??? | ?????????1 |
| *Eoviscaccia frassinettii* | ?120??1011 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ?????????1 |
| *Dasyprocta azarae* | 1120031011 | 00122?0311 | 120B111111 | 2000111200 | 00C2111112 | 011102212? | ?000002??1 |
| *Cephalomys arcidens* | 112???101? | ??????0511 | 00??10--10 | -?00121000 | 1-001?1102 | ?101?20??? | ???????101 |
| *Eosteiromys homogenidens* | 1110000010 | 0?????0311 | ?001010111 | 2000100010 | 0010001111 | 00000001?0 | 20000A2111 |
| *Steiromys detentus* | 1110000010 | 0010?10311 | 0001111111 | 2000110010 | 0010001111 | 00000001?1 | 10000021?1 |
| *Sallamys? minutus* | ?1????0010 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ???????120 |
| *Paulacoutomys paulista* | ?11???0011 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ???????100 |
| *Migraveramus beatus* | ?11???0011 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ???????001 |
| *Llitun notuca* | ?11???0011 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ???????120 |
| *Leucokephalos zeffiae* | ?11???0011 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ???????100 |
| *Changquin woodi* | ?12???0?11 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? |
| *Dudumus ruigomezi* | 1110??0100 | 002001---- | ---------- | --001000A0 | 0A20A11111 | 1000D11?00 | 2001002--- |
| *Prospaniomys priscus* | 1110000110 | 010001---- | ---------- | --00101010 | 1-00001110 | 10A0000100 | 10A1002--- |
| *Protacaremys? adilos* | ?1????0??? | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? |
| *Protacaremys prior* | 1110110110 | 010001---- | ---------- | --01111010 | 1-00111111 | 1001021?01 | 1000002--- |
| *Acarechimys minutus* | 1100000110 | 010D01---- | ---------- | --00111010 | 1-00111111 | 1000011?21 | 100A0A2--- |
| *Acarechimys leucotheae* | ?10???0100 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ?001001--- |
| *Acarechimys minutissimus* | 11000?0100 | 010001???? | ?????????? | ??00111000 | 1-0011111- | -00?-11?01 | 10AA00B--- |
| *Acarechimys constans* | 1100000110 | 010001???? | ?????????? | ??00101000 | 1-0011111- | -000-11?21 | 100A002--- |
| *Acarechimys gracilis* | ?10???0110 | ?????????? | ?????????? | ?????????? | ?????????? | ????????01 | 1000012--- |
| *Platypittamys brachyodon* | 1100000000 | 0?????1201 | 001-00-010 | -000100010 | 1-00001111 | 00000010?? | ???????001 |
| *Galilelomys baios* | ?1????0000 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ???????100 |
| *Galileomys antelucanus* | 1110??0000 | 0?????1401 | 00A1010111 | 1010110010 | 1-00111111 | 000?000??? | ???????100 |
| *Acaremys murinus* | 1110000010 | 00200114A1 | 00A1111111 | 1010111010 | 1-00111111 | 0000011001 | ?01-002100 |
| *Caviocricetus lucasi* | 1100??0100 | 002001---- | ---------- | --00001010 | 0120111111 | 10000D2?01 | A100012--- |
| *Plesiacarechimys koenigswaldi* | 11100?0110 | 002001---- | ---------- | --00100010 | 0110101111 | 0000011?01 | 10000A2--- |
| *Stichomys regularis* | 1110011111 | 010001---- | ---------- | --0110-001 | 1-00111112 | 010A0DD101 | 10001-2--- |
| *Xylechimys obliquus* | ?11???1?11 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? |
| *Spaniomys riparius* | 1110001111 | 010001---- | ---------- | --0012-00A | 1-00100102 | 1100000101 | 00001-2--- |
| *Sallamys pascuali* | ?11???0010 | 0?????1101 | 00A2010?10 | -100101010 | 0AE00?1102 | 0000011??0 | 2100001100 |
| *Adelphomys candidus* | 1110011111 | 010001---- | ---------- | -?0112-001 | 1-00001102 | 1100022?01 | 20??1-2--- |
| *Ethelomys loomisi* | ?11???0?11 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? |
| *Deseadomys arambourgi* | ?11???0011 | 0?????110? | 001-110011 | 0?0010-000 | 1-00011112 | 1000002??? | ???????000 |
| *Draconomys verai* | ?100??0011 | 0????????? | ?????????? | ??00121000 | 0011001112 | 100?111??? | ???????101 |
| *Eosallamys simpsoni* | ?10???00?0 | 0?????1101 | 000?110?10 | -100121010 | 01E00011A2 | 0000011??? | ?00000???? |
| *Eospina woodi* | ?10???0000 | 0?????1111 | 000?10-??0 | -100101000 | 1-00000112 | 000?0???00 | 1100001110 |
| *Eosachacui lavocati* | ?10???00?0 | 0?????1111 | 1???100111 | 1000101000 | 1-00000102 | 200?011?01 | 10??002100 |
| *Eodelphomys almeidacomposi* | ?1????1?11 | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? |
| *Cachiyacuy contamanensis* | 010???00?0 | 0012210110 | 0202111100 | -100101000 | 00E0A?A101 | 1000111?01 | 200000110? |
| *Canaanimys maquiensis* | ?10???0??0 | 0????????? | ?????????? | ??00101100 | 00320?A100 | 0000011?2? | ????002??? |
| *Eumysops laeviplicatus* | 1120011111 | 001001---- | ---------- | --0012-000 | 0AB0101112 | 200A0111?1 | ?0001-2--- |
| *Myocastor coipus* | 1120021111 | 010001---- | ---------- | --0112-000 | 1-00001102 | 20001021?1 | ?000002--- |
| *Echimys chrysurus* | 1111111111 | 010001---- | ---------- | --0012-000 | 1-0010A0-2 | 0100022001 | 0000??0--- |
| *Proechimys poliopus* | 1120001111 | 010?01---- | ---------- | --0011-000 | 1-0?AA1102 | 00010000?1 | ?0001-2--- |
| *Kannabateomys amblyox* | 1111011111 | 010001---- | ---------- | --0112-000 | 1-00100102 | 0111011101 | 00001-2--- |
| *Neophanomys biplicatus* | ?12???1111 | ??????---- | ---------- | --???????? | ?????????? | ?????????1 | 10001-2--- |
| *Chasicomys octodontiforme* | 1120??1111 | 0????1---- | ---------- | --1011-0?0 | ???00??10? | 100??????? | ???????--- |
| *Chasichimys bonaerense* | ?12???1111 | ??????---- | ---------- | --1???-??? | ?????????? | ?????????? | ?0????2--- |
| *Pithanotomys columnaris* | 113-02?111 | 0?????---- | ---------- | --101?-??0 | ????11?10? | 01010221?? | ?0????2--- |
| *Plataeomys brevis* | 113-02?111 | 0?????---- | ---------- | --101?-??0 | ????11?10? | 01010221?? | ?0????2--- |
| *Ctenomys australis* | 113-01?111 | 0?????---- | ---------- | --0?1?-?20 | ????11?1?? | --?20201?? | ?0????2--- |
| *Octomys mimax* | 113-00?111 | 0?????---- | ---------- | --101?-?00 | ????11?10? | 11010220?? | ?0????2--- |
| *Octodontomys gliroides* | 113-03?111 | 0?????---- | ---------- | --101?-?20 | ????11?1?? | 01010220?? | ?0????2--- |
| *Abrocoma cinerea* | 113-011?11 | 1????????? | ?????????? | ??101?-?1? | ----10-10- | 02002111?? | ?????????? |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 80 | 90 | 100 | 110 | 120 | 130 | 140 |
| *Bugtimys zafarullahi* | 1110211111 | 0000001110 | 0011011010 | ?0???02?10 | ?0???????? | ?????????? | ?????????? |
| *Metaphiomys schaubi* | ?????????? | ?000001110 | 0011011000 | 10?2001?10 | 001??????? | ?????????? | ?????0???? |
| *Phiomys andrewsi* | 10-0211111 | 0000013110 | 0011011100 | 0000?01?11 | 001??????? | ?????????? | ?????????? |
| *Garridomys curunuquem* | 0A01000100 | 1011011011 | 000?111001 | 100??02011 | 000????2?? | ?????????? | ?????01?0- |
| *Eoviscaccia boliviana* | ?????0?100 | 202????011 | 10011???1? | ?2???0??1? | ?????????? | ?????????? | ?????????? |
| *Eoviscaccia frasinettii* | ?????0?110 | 102??????1 | 1?001???0? | ?????????? | ?????????? | ?????????? | ?????????? |
| *Dasyprocta azarae* | 1111101001 | 000100A001 | 10111A?000 | 1000100201 | 0000010201 | 011320-111 | 111010110- |
| *Cephalomys arcidens* | 10-1001100 | ?11100?001 | 1011111110 | 1000?0??11 | 100??????? | ?????????? | ?????0??0- |
| *Eosteiromys homogenidens* | 0111201101 | 0001001001 | 101111100? | 10?0?0??10 | 001????11? | 10??110011 | 1100?0010- |
| *Steiromys detentus* | 0111201101 | 0001001001 | 1011111000 | 1200001110 | 001????210 | 0003110010 | 1101?0110- |
| *Sallamys? minutus* | 10-10011?? | 0????????? | ?????????? | ?????????? | ?????????? | ?????????? | ?????????? |
| *Paulacoutomys paulista* | 10-1201101 | 0001001011 | 00111??000 | ?????0??01 | ?0???????? | ?????????? | ?????????? |
| *Migraveramus beatus* | 10-1200111 | 0001003011 | 001110000? | 100?10211? | ?00??????? | ?????????? | ?????????? |
| *Llitun notuca* | 1101201111 | 0001001001 | 001110000? | 100?102111 | ?0???????? | ?????????? | ?????????? |
| *Leucokephalos zeffiae* | 10-1200111 | 0101003011 | 00111??001 | 110?102111 | ?00????1?? | ?????????? | ?????????? |
| *Changquin woodi* | ?????????? | 0001001001 | 001111100? | ??0??????1 | ?01??????? | ?????????? | ?????????? |
| *Dudumus ruigomezi* | ---------- | 000A000010 | 0011111101 | 1102?00011 | 101????2?? | ?????????? | ?????00?0- |
| *Prospaniomys priscus* | ---------- | 0001001000 | 0A11111011 | 110?000011 | A011000110 | 000110-110 | 011010000- |
| *Protacaremys? adilos* | ?????????? | 0001000001 | 101111110? | ?????????? | ?????????? | ?????????? | ?????????? |
| *Protacaremys prior* | ---------- | 0001001001 | 0010111001 | 01020A0?11 | 100????1?? | ????11???? | ?????00?0- |
| *Acarechimys minutus* | ---------- | 0001013011 | 00111A0001 | 01021A0021 | 10B????22? | ?00?11130- | -0-0?00?10 |
| *Acarechimys leucotheae* | ---------- | 0001013011 | 0011110101 | ??0??1---1 | 102??????? | ?????????? | ?????????? |
| *Acarechimys minutissimus* | ---------- | 000AA13011 | A01111A101 | 0?0211---1 | 102????2?? | ?????11??? | ?????00?10 |
| *Acarechimys constans* | ---------- | 00010A3011 | 00111AA101 | 110?11---0 | 101????2?? | ?????11??? | ?????00?10 |
| *Acarechimys gracilis* | ---------- | 0001A13011 | 00111A0001 | 110??A0010 | ?01????2?? | ?????????? | ?????????? |
| *Platypittamys brachyodon* | 10-0?01011 | 000A001010 | 00111A1A01 | 0102?0??01 | 00????0?00 | 0??????20- | -0-??0???? |
| *Galilelomys baios* | ?????01111 | 0101000000 | 0011????0? | 010?101111 | ?02??????? | ?????????? | ?????????? |
| *Galileomys antelucanus* | 10-0?01111 | 01010A0010 | 001110010? | 010??01011 | 003??????? | ?????????? | ?????0??10 |
| *Acaremys murinus* | A0-0?01112 | 01A1000011 | 00111A1101 | 010?101011 | 00311??20? | 1111111211 | 0111?01111 |
| *Caviocricetus lucasi* | ---------- | 000001-010 | 0010010101 | 010111---1 | 101????1?? | ?????????? | ?????00?0- |
| *Plesiacarechimys koenigswaldi* | ---------- | 00010A1010 | 0011100001 | 0101?1---1 | 101??????? | ?0???????? | ????????10 |
| *Stichomys regularis* | ---------- | 0001A1-000 | 0111111111 | 0022100010 | 10020??100 | 1???11111? | 01???00?0- |
| *Xylechimys obliquus* | ?????????? | 0001014000 | 0111101111 | ?11??????0 | ?00??????? | ?????????? | ?????????? |
| *Spaniomys riparius* | ---------- | 000000-000 | 0111111111 | 0122100A11 | 1002???11A | 011311111? | 01?1?11110 |
| *Sallamys pascuali* | 10-1200101 | 00011--011 | 0011100101 | 1001?0??11 | ?0???????? | ?????????? | ?????????? |
| *Adelphomys candidus* | ---------- | 0001A1-000 | 0111111111 | 120201---0 | 100???01?? | ?????????? | ????????0- |
| *Ethelomys loomisi* | ?????????? | 00011--00A | 011111111? | 112??01011 | ?01??????? | ?????????? | ?????????? |
| *Deseadomys arambourgi* | 10-1??1111 | 00010A0011 | 0011111101 | 111?101?10 | 10???????? | ?????????? | ?????????? |
| *Draconomys verai* | 10-1101111 | 0001003001 | 0011111001 | 10???02010 | ?????????? | ?????????? | ?????????? |
| *Eosallamys simpsoni* | 10-12001?1 | 0001001001 | 0011111001 | ?????????? | ?????????? | ?????????? | ?????????? |
| *Eospina woodi* | 1???001112 | 0001001001 | 001111100? | ??0??02?11 | ?0???????? | ?????????? | ?????????? |
| *Eosachacui lavocati* | 1101101111 | 000100E011 | 00111AA001 | ?????????? | ?????????? | ?????????? | ?????????? |
| *Eodelphomys almeidacomposi* | ?????????? | 00011--000 | 111111111? | ?????????? | ?????????? | ?????????? | ?????????? |
| *Cachiyacuy contamanensis* | 10-1100112 | 0001002101 | 00111A0000 | ?????????? | ?????????? | ?????????? | ?????????? |
| *Canaanimys maquiensis* | ?????????? | 0001012001 | 0011110001 | ?????????? | ?????????? | ?????????? | ?????????? |
| *Eumysops laeviplicatus* | ---------- | 00011--011 | 00111??101 | 110211---1 | 001??11120 | 010111110- | -0-100010- |
| *Myocastor coipus* | ---------- | 000200-001 | 0111111110 | 1022?1---0 | 1001010111 | 0111110110 | 011101110- |
| *Echimys chrysurus* | ---------- | 00011--010 | 0110111121 | 11220A0011 | 1010010110 | 11?111120- | -0-001010- |
| *Proechimys poliopus* | ---------- | 0001A13011 | 1011111121 | 110211---1 | 1020010200 | 010111120- | -0-121110- |
| *Kannabateomys amblyox* | ---------- | 00011--011 | 0111111121 | 000201---1 | 1010010201 | 111101010- | -10001110- |
| *Neophanomys biplicatus* | ---------- | 0111A13011 | 001111?101 | 0102?1---1 | ?01??????? | ?????????? | ?????????? |
| *Chasicomys octodontiforme* | ---------- | 01111--01? | 00111???01 | 120??????? | ??1??????? | ?????????? | ?????????? |
| *Chasichimys bonaerense* | ---------- | 01111--011 | 001111?10? | 120??1---1 | 101??????? | ?????????? | ?????????? |
| *Pithanotomys columnaris* | ---------- | 0121?--?0? | ?01?????11 | 120?01---0 | 001?110?10 | 110110-111 | 010110110- |
| *Plataeomys brevis* | ---------- | 0121?--?0? | ?01?????11 | 120211---0 | 011?1??111 | ?10110-??? | ???1?0110- |
| *Ctenomys australis* | ---------- | 002??????? | ??1??????1 | 120211---1 | 1100000210 | 110110-110 | 010001110- |
| *Octomys mimax* | ---------- | 0121????0? | ?01?????11 | 110211---1 | 0110110121 | 101101120- | -101001111 |
| *Octodontomys gliroides* | ---------- | 0122????0? | ?01?????11 | 100211---1 | 0111110210 | 101111120- | -101011111 |
| *Abrocoma cinerea* | ?????????? | 102?1--?11 | 011?111120 | ?22211---1 | 1110010010 | 010011?310 | 00-110110- |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 150 | 160 | 170 | 180 | 186 |
| *Bugtimys zafarullahi* | ?????????? | ?????????? | ?????????? | ?????????? | ???1?0 |
| *Metaphiomys schaubi* | ?????????? | ?????????? | ?????????? | ?????????2 | 001112 |
| *Phiomys andrewsi* | ?????????? | ?????????? | ?????????? | ?????????? | 0?1112 |
| *Garridomys curunuquem* | 1????????? | ?????????? | ?????????? | ?????????2 | 0?10?- |
| *Eoviscaccia boliviana* | ?????????? | ?????????? | ?????????? | ?????????? | ??10?? |
| *Eoviscaccia frasinettii* | ?????????? | ?????????? | ?????????? | ?????????? | ??10?? |
| *Dasyprocta azarae* | 11-0101110 | 0010122110 | 1011110002 | -000000010 | 011?02 |
| *Cephalomys arcidens* | 1????????? | ?????????? | ?????????? | ?????????? | ?????? |
| *Eosteiromys homogenidens* | ???????02? | ?1???????? | ?????????? | ?????????? | 0?1?02 |
| *Steiromys detentus* | 1??????042 | 11????1??? | ?00??????? | ?????????? | 011102 |
| *Sallamys? minutus* | ?????????? | ?????????? | ?????????? | ?????????? | ?????? |
| *Paulacoutomys paulista* | ?????????? | ?????????? | ?????????? | ?????????2 | 0?1??0 |
| *Migraveramus beatus* | ?????????? | ?????????? | ?????????? | ?????????? | 0????0 |
| *Llitun notuca* | ?????????? | ?????????? | ?????????? | ?????????? | 0????0 |
| *Leucokephalos zeffiae* | ?????????? | ?????????? | ?????????? | ?????????2 | 01???0 |
| *Changquin woodi* | ?????????? | ?????????? | ?????????? | ?????????? | 0????2 |
| *Dudumus ruigomezi* | 1????????? | ?????????? | ?????????? | ?????????0 | 0-1102 |
| *Prospaniomys priscus* | 0000001??0 | 1111??1111 | 21111120?? | ?????01202 | 101102 |
| *Protacaremys? adilos* | ?????????? | ?????????? | ?????????? | ?????????? | ?????0 |
| *Protacaremys prior* | 1????????? | ?????????? | ?????????? | ?????????2 | 101102 |
| *Acarechimys minutus* | 1000111??1 | 11???????? | ?????????? | ?????????2 | 111002 |
| *Acarechimys leucotheae* | ?????????? | ?????????? | ?????????? | ?????????2 | 0????D |
| *Acarechimys minutissimus* | 1????????? | 1????????? | ?????????? | ?????????2 | 111002 |
| *Acarechimys constans* | 1????????? | 11???????? | ?????????? | ?????????2 | 011002 |
| *Acarechimys gracilis* | ?????????? | ?????????? | ?????????? | ?????????2 | 0111?2 |
| *Platypittamys brachyodon* | ?????????? | ?1???????? | ?????????? | ?????????? | 0?1??2 |
| *Galilelomys baios* | ?????????? | ?????????? | ?????????? | ?????????2 | 01???2 |
| *Galileomys antelucanus* | 0????????? | ?????????? | ?????????? | ?????????0 | 011?12 |
| *Acaremys murinus* | 1????????1 | 00???????? | ???????0?? | ?????????2 | 1111?2 |
| *Caviocricetus lucasi* | 1????????? | ?????????? | ?????????? | ?????????0 | 011102 |
| *Plesiacarechimys koenigswaldi* | ?????????? | ?????????? | ?????????? | ?????????? | 0?1000 |
| *Stichomys regularis* | 0????????2 | 11???????? | ?????????? | ?????????2 | 011002 |
| *Xylechimys obliquus* | ?????????? | ?????????? | ?????????? | ?????????? | 01???0 |
| *Spaniomys riparius* | ???????1?2 | 11???????? | ?????????? | ?????????2 | 011000 |
| *Sallamys pascuali* | ?????????? | ?????????? | ?????????? | ?????????? | 0?1?02 |
| *Adelphomys candidus* | ?????????2 | 11???????? | ?????????? | ?????????? | 01???? |
| *Ethelomys loomisi* | ?????????? | ?????????? | ?????????? | ?????????? | ?????- |
| *Deseadomys arambourgi* | ?????????? | ?????????? | ?????????? | ?????????? | 0?1?02 |
| *Draconomys verai* | ?????????? | ?????????? | ?????????? | ?????????? | 0?1?02 |
| *Eosallamys simpsoni* | ?????????? | ?????????? | ?????????? | ?????????? | ??1?02 |
| *Eospina woodi* | ?????????? | ?????????? | ?????????? | ?????????? | 0?1?02 |
| *Eosachacui lavocati* | ?????????? | ?????????? | ?????????? | ?????????? | ??1?02 |
| *Eodelphomys almeidacomposi* | ?????????? | ?????????? | ?????????? | ?????????? | ?????? |
| *Cachiyacuy contamanensis* | ?????????? | ?????????? | ?????????? | ?????????? | ??1102 |
| *Canaanimys maquiensis* | ?????????? | ?????????? | ?????????? | ?????????? | ??A?02 |
| *Eumysops laeviplicatus* | 0000111020 | 10???10110 | 00000-0010 | 000??10102 | 01100- |
| *Myocastor coipus* | 0000100022 | 10111?0110 | 00000-0000 | 1102100112 | 001000 |
| *Echimys chrysurus* | 0000111211 | 100-?10010 | 0000110000 | 10?0?00100 | 01100- |
| *Proechimys poliopus* | 0010111300 | 1110120110 | 0000100011 | 0101110120 | 00101- |
| *Kannabateomys amblyox* | 0020111211 | 100-??0010 | 10000-100? | ?0???00??0 | 11100- |
| *Neophanomys biplicatus* | ?????????? | ?????????? | ?????????? | ?????????? | 11???- |
| *Chasicomys octodontiforme* | ?????????? | ?????????? | ?????????? | ?????????? | 01???- |
| *Chasichimys bonaerense* | ?????????? | ?????????? | ?????????? | ?????????2 | A0???- |
| *Pithanotomys columnaris* | 1????????? | ?0???????? | ???1?????? | ?????????0 | 11-0-- |
| *Plataeomys brevis* | 1????????? | ?1???????? | ?????????? | ?????????0 | 11-0-- |
| *Ctenomys australis* | 1020111130 | 1111110111 | 21000-2000 | 100??00200 | 11-0-- |
| *Octomys mimax* | 1020111231 | 1111?20111 | 21110-210? | ?1?0001?02 | 11-0-- |
| *Octodontomys gliroides* | 1000111242 | 1111?20111 | 2111112100 | 1001000200 | 11-0-- |
| *Abrocoma cinerea* | 1010011341 | 0111?01101 | 21110-2010 | 1000001200 | 011??? |