

Additional file 2 - NJ dendrogram of the 1,244 specimens (254 species) analyzed.

Node values = bootstrap test (1,000 pseudo-replicas).

Distance Model: Kimura-2-Paramater

Codon Positions: 1st, 2nd, 3rd

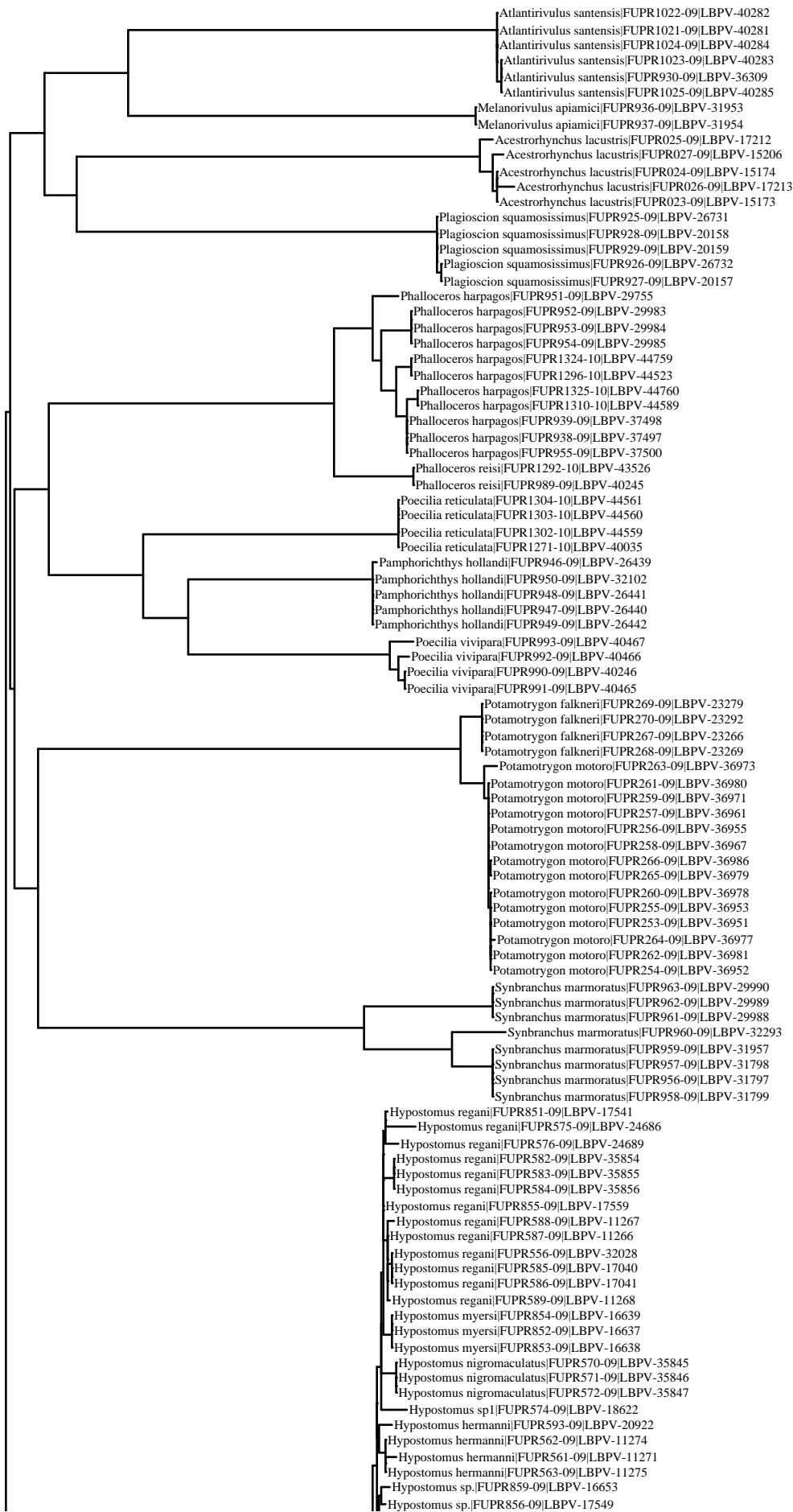
Sequence count: 1244

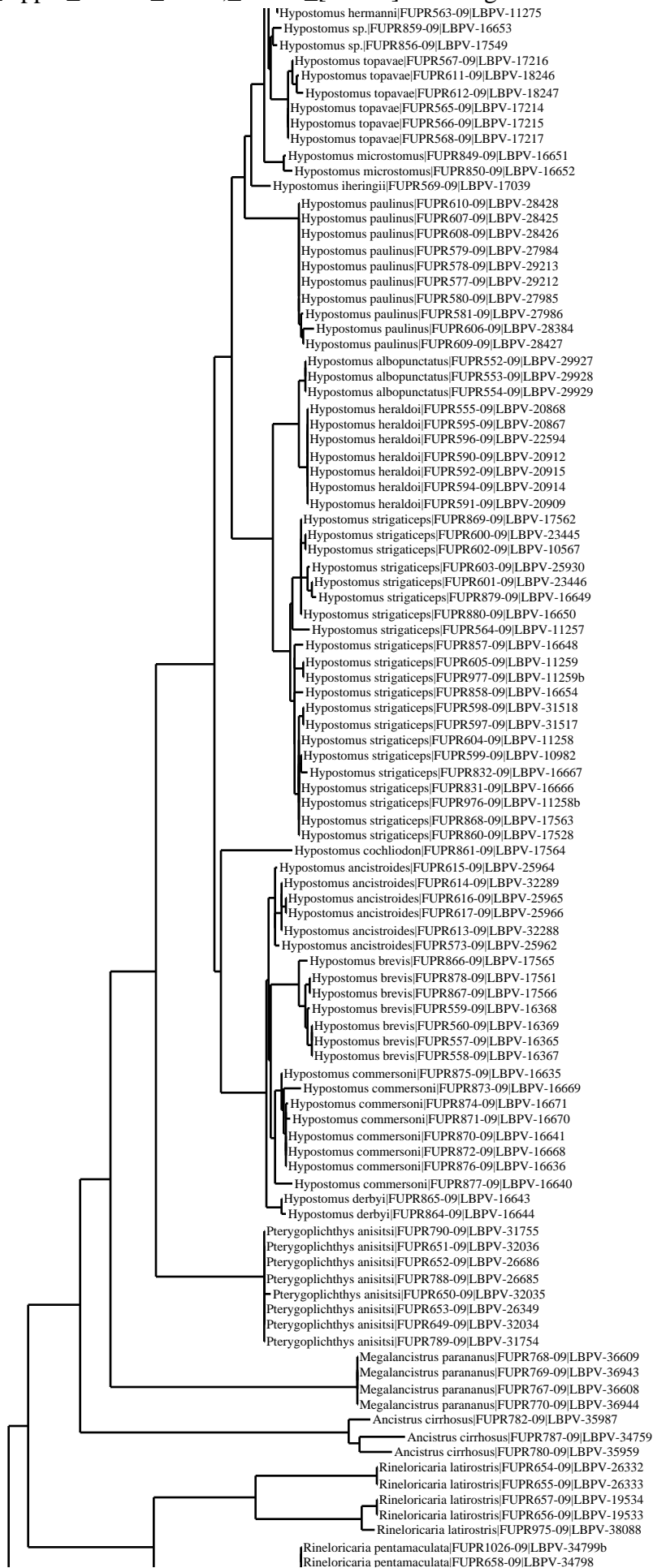
Species count: 254

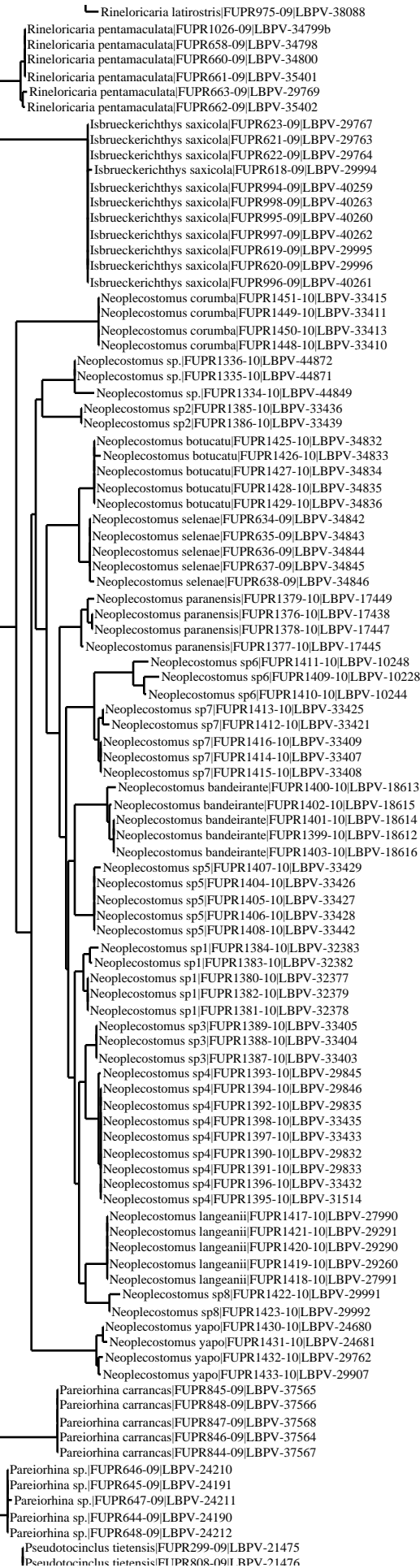
Genus count: 127

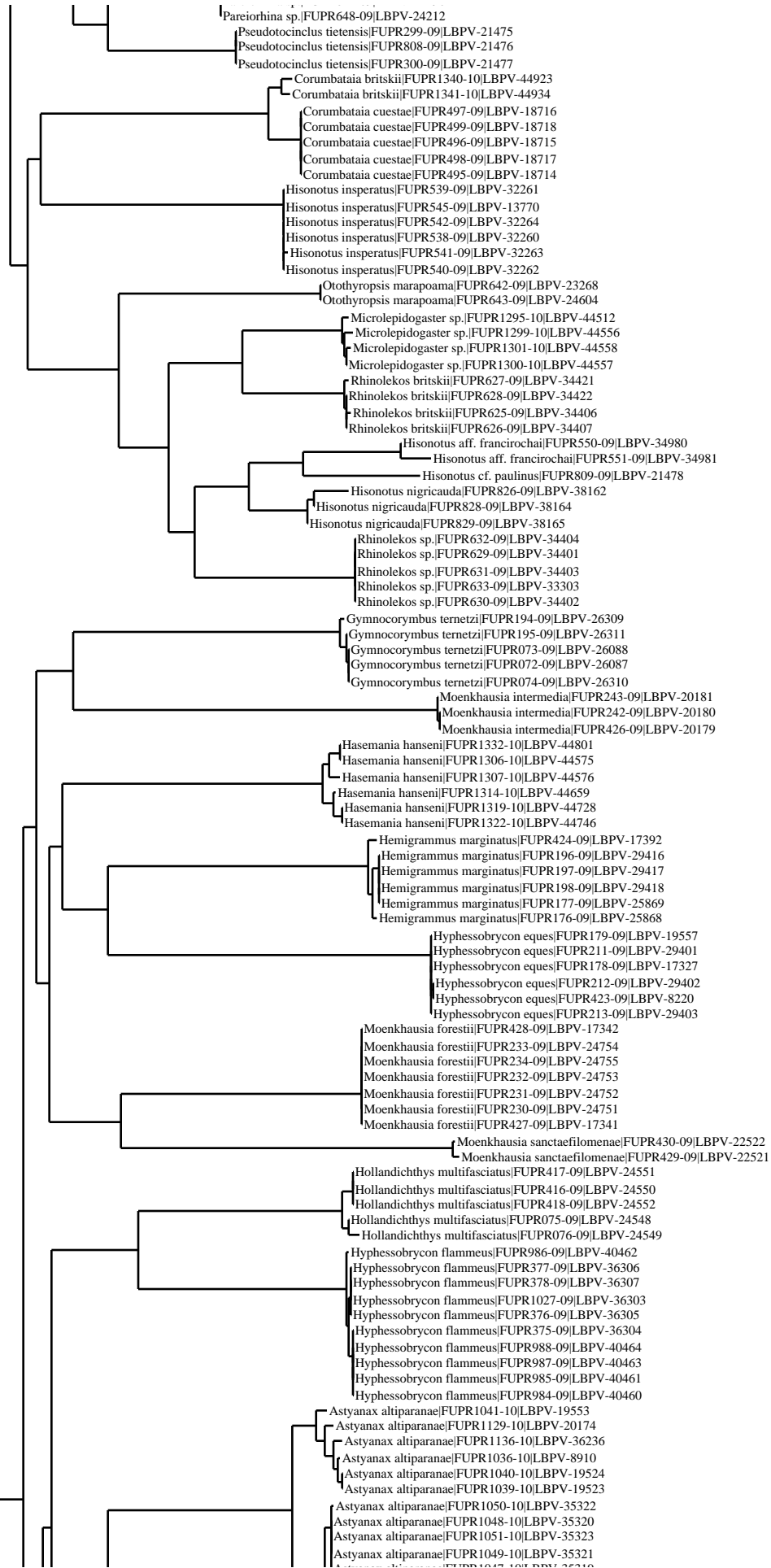
Family count: 36

2 %









Astyanax altiparanae|FUPR1051-10|LBPV-35323
Astyanax altiparanae|FUPR1049-10|LBPV-35321
Astyanax altiparanae|FUPR1047-10|LBPV-35319
Astyanax altiparanae|FUPR1135-10|LBPV-34717
Astyanax altiparanae|FUPR1131-10|LBPV-24768
Astyanax altiparanae|FUPR1134-10|LBPV-29961
Astyanax altiparanae|FUPR1130-10|LBPV-20175
Astyanax altiparanae|FUPR1037-10|LBPV-17317
Astyanax altiparanae|FUPR1133-10|LBPV-29960
Astyanax altiparanae|FUPR1043-10|LBPV-26384
Astyanax altiparanae|FUPR1038-10|LBPV-17318
Astyanax altiparanae|FUPR1132-10|LBPV-24769
Astyanax altiparanae|FUPR1042-10|LBPV-19554
Astyanax altiparanae|FUPR1046-10|LBPV-21446
Astyanax altiparanae|FUPR1044-10|LBPV-21444
Astyanax altiparanae|FUPR1045-10|LBPV-21445
Hyphessobrycon bifasciatus|FUPR419-09|LBPV-25895
Hyphessobrycon bifasciatus|FUPR422-09|LBPV-22648
Hyphessobrycon bifasciatus|FUPR420-09|LBPV-22646
Hyphessobrycon sp2|FUPR421-09|LBPV-22647
Astyanax schubarti|FUPR1126-10|LBPV-31725
Astyanax schubarti|FUPR1128-10|LBPV-31728
Astyanax schubarti|FUPR1124-10|LBPV-31723
Astyanax schubarti|FUPR1127-10|LBPV-31726
Astyanax schubarti|FUPR1125-10|LBPV-31724
Astyanax trierythropterus|FUPR1106-10|LBPV-26029
Astyanax trierythropterus|FUPR1179-10|LBPV-26027
Astyanax trierythropterus|FUPR1180-10|LBPV-26028
Astyanax biotae|FUPR1062-10|LIRP-4276b
Astyanax biotae|FUPR1061-10|LIRP-4276a
Astyanax biotae|FUPR1002-09|LBPV-40267
Astyanax biotae|FUPR1000-09|LBPV-40265
Astyanax biotae|FUPR999-09|LBPV-40264
Astyanax biotae|FUPR1003-09|LBPV-40268
Astyanax biotae|FUPR1001-09|LBPV-40266
Astyanax fasciatus|FUPR1070-10|LBPV-22587
Astyanax fasciatus|FUPR1076-10|LBPV-32216
Astyanax fasciatus|FUPR1078-10|LBPV-32218
Astyanax fasciatus|FUPR1075-10|LBPV-32215
Astyanax fasciatus|FUPR1077-10|LBPV-32217
Characidae_incertae_sedis|FUPR312-09|LBPV-33198
Characidae_incertae_sedis|FUPR313-09|LBPV-33199
Characidae_incertae_sedis|FUPR311-09|LBPV-33197
Characidae_incertae_sedis|FUPR314-09|LBPV-33200
Characidae_incertae_sedis|FUPR978-09|LBPV-34937b
Hyphessobrycon balbus|FUPR1326-10|LBPV-44771
Hyphessobrycon balbus|FUPR1317-10|LBPV-44723
Hyphessobrycon balbus|FUPR1318-10|LBPV-44724
Hyphessobrycon balbus|FUPR1330-10|LBPV-44779
Hyphessobrycon balbus|FUPR1331-10|LBPV-44790
Astyanax bockmanni|FUPR1114-10|LBPV-26330
Astyanax bockmanni|FUPR1187-10|LBPV-33575
Astyanax bockmanni|FUPR1111-10|LBPV-25952
Astyanax bockmanni|FUPR1110-10|LBPV-25951
Astyanax bockmanni|FUPR1112-10|LBPV-25974
Astyanax bockmanni|FUPR1113-10|LBPV-25975
Astyanax paranae|FUPR1092-10|LBPV-29740
Astyanax paranae|FUPR1088-10|LBPV-29736
Astyanax paranae|BAST525-12|LBPV-5978
Astyanax paranae|FUPR1090-10|LBPV-29738
Astyanax paranae|FUPR1089-10|LBPV-29737
Astyanax paranae|FUPR1087-10|LBPV-29735
Astyanax paranae|FUPR1091-10|LBPV-29739
Hyphessobrycon sp1|FUPR408-09|LBPV-34942
Hyphessobrycon sp1|FUPR411-09|LBPV-34945
Hyphessobrycon sp1|FUPR409-09|LBPV-34943
Hyphessobrycon sp1|FUPR413-09|LBPV-34947
Hyphessobrycon sp1|FUPR412-09|LBPV-34946
Hyphessobrycon sp1|FUPR410-09|LBPV-34944
Oligosarcus paranensis|FUPR085-09|LBPV-18786
Oligosarcus paranensis|FUPR084-09|LBPV-18703
Oligosarcus paranensis|FUPR083-09|LBPV-18702
Oligosarcus paranensis|FUPR082-09|LBPV-18701
Oligosarcus paranensis|FUPR086-09|LBPV-22481
Oligosarcus paranensis|FUPR319-09|LBPV-34773
Oligosarcus paranensis|FUPR320-09|LBPV-34774
Oligosarcus paranensis|FUPR321-09|LBPV-34775
Oligosarcus pintoii|FUPR323-09|LBPV-24853
Oligosarcus pintoii|FUPR322-09|LBPV-24852
Psellogrammus kennedyi|FUPR017-09|LBPV-31815
Psellogrammus kennedyi|FUPR015-09|LBPV-27408
Psellogrammus kennedyi|FUPR016-09|LBPV-31814
Psellogrammus kennedyi|FUPR132-09|LBPV-31816
Psellogrammus kennedyi|FUPR014-09|LBPV-26407
Bryconamericus stramineus|FUPR063-09|LBPV-14155
Bryconamericus stramineus|FUPR064-09|LBPV-14156
Bryconamericus stramineus|FUPR1333-10|LBPV-44828
Bryconamericus turiuba|FUPR081-09|LBPV-31886
Bryconamericus iheringii|FUPR066-09|LBPV-18707
Bryconamericus iheringii|FUPR065-09|LBPV-18706
Bryconamericus iheringii|FUPR1238-10|LBPV-29925
Bryconamericus iheringii|FUPR180-09|LBPV-34658
Bryconamericus iheringii|FUPR1237-10|LBPV-29924
Bryconamericus iheringii|FUPR1233-10|LBPV-29778
Bryconamericus iheringii|FUPR1232-10|LBPV-29777
Bryconamericus iheringii|FUPR182-09|LBPV-34762
Piabina argentea|FUPR118-09|LBPV-35933
Piabina argentea|FUPR119-09|LBPV-35934

