**Supp. file 5.** mPTP results. <https://doi.org/10.5852/ejt.2023.890.2249.9641>

Command: ../bin/mptp mptp --ml --single --pvalue 0.001 --outgroup MN888328,MN888330,MN888329,MN444827,KX810042 --outgroup\_crop --tree\_file ../uploads/fvibrcka14md5kpn5gbk21g9c3.newick --output\_file ../uploads/fvibrcka14md5kpn5gbk21g9c3.1

Number of edges greater than minimum branch length: 96 / 160

Null-model score: 170.158673

Best score for single coalescent rate: 260.307591

Number of delimited species: 30

Species 1:

MH675998

Species 2:

OP531839 (*Paramacrobiotus bengalensis* sp.nov.)

Species 3:

OK662996

MK041001

MK040995

MK040997

MK040996

MK040998

MK041000

MK040999

Species 4:

OK662995

MK040994

MK040993

MK040992

Species 5:

MN964282

MN964281

MH676011

KU513421

EU244597

MN961616

MH676012

FJ435809

FJ435808

MK041010

MK041011

MK041009

MK041003

MK041007

MK041005

MK041004

AY598778

AY598779

MK041008

MK041006

Species 6:

MK041019

MK041018

MK041017

Species 7:

MK041016

Species 8:

MK041015

Species 9:

MK041014

MK041013

Species 10:

MK041012

Species 11:

MH676009

Species 12:

MK041022

Species 13:

MK041021

MK041020

Species 14:

MK041002

Species 15:

MH676016

MH676003

MH676004

MH676014

MH675999

MH676015

Species 16:

MH676010

Species 17:

MH676006

MH676005

Species 18:

MT731035

Species 19:

LC637242

LC649796

Species 20:

MH676017

Species 21:

EU244599

Species 22:

EU244598

Species 23:

MH676002

MH676000

MH676001

Species 24:

MH676008

MN097836

MN097837

Species 25:

MT260373

MT260372

Species 26:

KF788257

KF788253

KF788256

KF788255

KF788254

KF788252

KF788251

Species 27:

MF568534

Species 28:

MH676018

Species 29:

MH676013

Species 30:

MH676007