ASAP Group (most conservative)
ASAP Group (lowest score)
ABGD Group
bPTP clade (ML)

AF188245.1_Peripatoides_sp._Tom_s_Creek4.1
Ony3
Ony65.2
Ony54
AF188242.1_Peripatoides_sp._Piano_Flat1.1
Ony65.1
AF188243.1_Peripatoides_sp._Piano_Flat1.2
AF188248.1_Peripatoides_sp._Catlins1.1
Ony62
AF188247.1_Peripatoides_sp._Dolamore1.1
Ony22
AF188244.1_Peripatoides_sp._Matai_Falls1.11
AF188252.1_Peripatoides_sp._Saddle_Hill3.1
AF188246.1_Peripatoides_sp._Taieri_Mouth1.1
AF188260.1_Peripatoides_sp._Herbert_Forest1.1
AF188259.1_Peripatoides_sp._Kakanui1.1
Ony11.1
Ony11.3
AF188262.1_Peripatoides_sp._Gunn_s_Bush3.1
Ony2.1
AF188261.1_Peripatoides_sp._Peel6.1
Ony5.4
Ony5.5
Ony5.2
Ony5.1
AF188253.1_Peripatoides_sp._Maungatua1.1
AF188251.1_Peripatoides_sp._Outram1.2
AF188258.1_Peripatoides_sp._Trotter_s_Gorge1.1
AF188250.1_Peripatoides_sp._Style_s_Creek1.1
AF188254.1_Peripatoides_sp._Dunedin_Botanical_Garden1.3
AF188256.1_Peripatoides_sp._Whare_Flat1.1
AF188249.1_Peripatoides_sp._Tomohawk_Lagoon1
AF188257.1_Peripatoides_sp._Fraser_s_Gully3
AF188255.1_Peripatoides_sp._Graham_s_Bush1.1
AF221452.1_Peripatoides_aurorbis_isolate_PB1.1
MCZ131343.3
AF221454.1_Peripatoides_aurorbis_isolate_PYR1
MCZ131421
Ony33.2
AF221453.1_Peripatoides_aurorbis_isolate_FS2.1
MCZ131443
MCZ131343.2
Ony33.1
AF221459.1_Peripatoides_aurorbis_isolate_WK1.1
Ony48
MCZ29207.4
MCZ29207.2
MCZ29207.1
MCZ29204
MCZ29207.3
AF221457.1_Peripatoides_aurorbis_isolate_CP29
AF188241.1_Peripatoides_sp._Rotoroa3.1
Ony8.4
AF221456.1_Peripatoides_aurorbis_isolate_PU2.2
AF221458.1_Peripatoides_aurorbis_isolate_KI13.1
AF221455.1_Peripatoides_aurorbis_isolate_Cob1
AF221451.1_Peripatoides_suteri_isolate_CP28
AF221450.1_Peripatoides_suteri_isolate_DF1.1
AF221449.1_Peripatoides_suteri_isolate_RO1.2
Ony25.2
AF221470.1_Peripatoides_sympatrica_isolate_SR3.2
AF221462.1_Peripatoides_sympatrica_isolate_BC2.2
AF221472.1_Peripatoides_sympatrica_isolate_NG2.1
AF221466.1_Peripatoides_sympatrica_isolate_OP1.1
AF221469.1_Peripatoides_sympatrica_isolate_PU1.1
AF221467.1_Peripatoides_sympatrica_isolate_OP2.1
AF221461.1_Peripatoides_sympatrica_isolate_BC9.1
AF221463.1_Peripatoides_sympatrica_isolate_NW1.1
AF221464.1_Peripatoides_sympatrica_isolate_FB2.1
AF221460.1_Peripatoides_sympatrica_isolate_WO1
AF221465.1_Peripatoides_sympatrica_isolate_TH1.1
Ony7
AF221474.1_Peripatoides_sympatrica_isolate_WP1.2
AF221468.1_Peripatoides_sympatrica_isolate_RK3
Ony1.1
Ony1.3
Ony23
AF221473.1_Peripatoides_sympatrica_isolate_NG4.1
AF221475.1_Peripatoides_sympatrica_isolate_PK1.1
AF221471.1_Peripatoides_sympatrica_isolate_HO1.1
AF221497.1_Peripatoides_morgani_isolate_TA4
AF221476.1_Peripatoides_kawekaensis_isolate_RA2.1
AF221477.1_Peripatoides_kawekaensis_isolate_HU4.1
AF221489.1_Peripatoides_morgani_isolate_NW2.1
AF221478.1_Peripatoides_kawekaensis_isolate_BC3.2
MCZ131342.4
AF221479.1_Peripatoides_novaezealandiae_isolate_OT3.2
AF221483.1_Peripatoides_novaezealandiae_isolate_BW41
AF221486.1_Peripatoides_novaezealandiae_isolate_MI1.1
AF221485.1_Peripatoides_novaezealandiae_isolate_PA3.2
AF221484.1_Peripatoides_novaezealandiae_isolate_CA1.1
AF221482.1_Peripatoides_novaezealandiae_isolate_WA1.2
MCZ131342.1
MCZ131342.2
MCZ131342.3
AF221480.1_Peripatoides_novaezealandiae_isolate_OT2.1
AF221487.1_Peripatoides_sp._BIS3.1
AF221481.1_Peripatoides_novaezealandiae_isolate_WA2.1
AF221492.1_Peripatoides_morgani_isolate_BI2.1
AF221491.1_Peripatoides_morgani_isolate_OU1.2
AF221490.1_Peripatoides_morgani_isolate_MO1.1
AF221488.1_Peripatoides_morgani_isolate_NW4.3
AF221495.1_Peripatoides_morgani_isolate_MK3.2
AF221494.1_Peripatoides_morgani_isolate_TI1
AF221496.1_Peripatoides_morgani_isolate_MK3.3
AF221493.1_Peripatoides_morgani_isolate_RA3.1

CLADE A.
CLADE B.
CLADE C.
CLADE D.
CLADE E.

Group 2: “Piano Flat”
Group 3: “Catlins”
Group 5: “Dunedin”
Group 7: *Peripatoides aurobis “A”*
Group 1: *Peripatoides aurobis “B”*
Group 10: *Peripatoides aurobis “C”*
Group 9: *Peripatoides aurobis “D”*
Group 8: *Periptoides suteri*
Group 4: *Peripatoides sympatrica / novaezealandiae / morganae*
Group 6: *Peripatoides kawekaensis / morganae*
Group 4: *Peripatoides sympatrica / novaezealandiae / morganae*

0.03