

Species Name	COI	Source
<i>Paramacrobilotus spatialis</i> isolate S107.Par.1 Guidetti <i>et al.</i> , 2019	OK662996	Vecchi <i>et al.</i> (2022)
<i>Paramacrobilotus richtersi</i> isolate S38.Par.1 Murray 1911	OK662995	Vecchi <i>et al.</i> (2022)
<i>Paramacrobilotus metropolitanus</i> Sugiura <i>et al.</i> , 2022	LC637242	Sugiura <i>et al.</i> (2022)
<i>Paramacrobilotus metropolitanus</i> Keio-2 Sugiura <i>et al.</i> , 2022	LC649796	Sugiura <i>et al.</i> (2022)
<i>Paramacrobilotus sp.</i> ZY-2020 isolate hp1100404	MT731035	Yuan <i>et al.</i> , (2020)
<i>Paramacrobilotus fairbanksi</i> isolate Par10eggs_ATN7_2 Schill <i>et al.</i> , 2010	MN964282	Kaczmarek <i>et al.</i> (2020)
<i>Paramacrobilotus fairbanksi</i> isolate Par10eggs_ATN7_1 Schill <i>et al.</i> , 2010	MN964281	Kaczmarek <i>et al.</i> (2020)
<i>Paramacrobilotus fairbanksi</i> isolate ATN7_1 Schill <i>et al.</i> , 2010	MN961616	Kaczmarek <i>et al.</i> (2020)
<i>Paramacrobilotus filipi</i> strain MY.098 haplotype 2 Dudziak, Stec & Michalczyk, 2020	MT260373	Stec <i>et al.</i> (2020a)
<i>Paramacrobilotus filipi</i> strain MY.098 haplotype 1 Dudziak, Stec & Michalczyk 2020	MT260372	Stec <i>et al.</i> (2020a)
<i>Paramacrobilotus tonollii</i> strain US.035 Ramazzotti 1956	MH676018	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain TZ.018	MH676017	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain TN.014	MH676016	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain PT.048 haplotype 2	MH676015	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain PT.048 haplotype 1	MH676014	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain PT.006	MH676013	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus fairbanksi</i> strain PL.035 Schill <i>et</i> <i>al.</i> , 2010	MH676012	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus fairbanksi</i> strain PL.018 (Schill <i>et</i> <i>al.</i> 2010	MH676011	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain NZ.001	MH676010	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain NO.386	MH676009	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain MG.002	MH676008	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain IT.048	MH676007	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain HU.012 haplotype 2	MH676006	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain HU.012 haplotype 1	MH676005	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain FR.077 haplotype 2	MH676004	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain FR.077 haplotype 1	MH676003	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain BR.009 haplotype 3	MH676002	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain BR.009 haplotype 2	MH676001	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain BR.009 haplotype 1	MH676000	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus sp.</i> strain AU.044	MH675999	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus areolatus</i> strain NO.385 (Murray 1907)	MH675998	Stec <i>et al.</i> (2020c)
<i>Paramacrobilotus experimentalis</i> isolate MAD-TAR11 (Kaczmarek <i>et al.</i> , 2020)	MN097837	Kaczmarek <i>et al.</i> (2020)

<i>Paramacrobilotus experimentalis</i> isolate MAD-TAR9 Kaczmarek <i>et al.</i> , 2020	MN097836	Kaczmarek <i>et al.</i> (2020)
<i>Paramacrobilotus aff. arduus</i> [Ca1 Guidetti <i>et al.</i> , 2019] isolate PRODO-3_C2702_MrUMBM1 Guidetti <i>et al.</i> , 2019	MK041022	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus arduus</i> isolate PRODO-2_C2702_MrUMBF2 Guidetti <i>et al.</i> , 2019	MK041021	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus arduus</i> isolate PRODO-1_C2702_MrUMBF1 Guidetti <i>et al.</i> , 2019	MK041020	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus celsus</i> isolate PIANE DI MOCOGNO-3_C2112_MrPIAM3 Guidetti <i>et al.</i> , 2019	MK041019	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus celsus</i> isolate PIANE DI MOCOGNO-2_C2112_MrPIAM1 Guidetti <i>et al.</i> , 2019	MK041018	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus celsus</i> isolate PIANE DI MOCOGNO-1_C2112_MrPIAF1 Guidetti <i>et al.</i> , 2019	MK041017	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus depressus</i> isolate OSPITALETTO_A-1_C2794_Mr_OSPA1 Guidetti <i>et al.</i> , 2019	MK041016	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus depressus</i> isolate ANDALO-1_C2762_MrAND 1 (Guidetti <i>et al.</i> , 2019)	MK041015	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus depressus</i> isolate PASSO BALLINO 3_C2693_MrBATM2 (Guidetti <i>et al.</i> , 2019)	MK041014	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus depressus</i> isolate PASSO BALLINO-2_C2693_MrBATM1 (Guidetti <i>et al.</i> , 2019)	MK041013	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus depressus</i> isolate PASSO BALLINO-1_C2693_MrBATF2 Guidetti <i>et al.</i> , 2019	MK041012	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus fairbanksi</i> isolate OSPITALETTO_B-1_C2793 MrOSPB1 Schill <i>et</i> <i>al.</i> , 2010	MK041011	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus fairbanksi</i> isolate PONDEL-2_C2701_MrVDAF9 Schill <i>et al.</i> , 2010	MK041010	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus fairbanksi</i> isolate PONDEL-1_C2701_MrVDAF6 Schill <i>et al.</i> , 2010	MK041009	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus fairbanksi</i> isolate ROCCHETTA-3_C2690_MrRSTFD Schill <i>et al.</i> , 2010	MK041008	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus fairbanksi</i> isolate ROCCHETTA-2_C2690_MrRSTF4 Schill <i>et al.</i> , 2010	MK041007	Guidetti <i>et al.</i> (2019)

<i>Paramacrobilotus fairbanksi</i> isolate ROCCHETTA-1_C2690_MrRSTF1 Schill <i>et al.</i> , 2010	MK041006	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus fairbanksi</i> isolate RICCO-3_C2683_MrRICCL1 Schill <i>et al.</i> , 2010	MK041005	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus fairbanksi</i> isolate RICCO-2_C2683_Mr_RICF3 Schill <i>et al.</i> , 2010	MK041004	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus fairbanksi</i> isolate RICCO-1_C2683_MrRICF1 Schill <i>et al.</i> , 2010	MK041003	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus aff. spatialis</i> isolate OLBIA-1_C2702_MrSARM5D2 Guidetti <i>et al.</i> , 2019	MK041002	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus spatialis</i> isolate GAGGIO-3_C2698_MrVSRM3 Guidetti <i>et al.</i> , 2019	MK041001	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus spatialis</i> isolate GAGGIO-2_C2698_MrVSRM1 Guidetti <i>et al.</i> , 2019	MK041000	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus spatialis</i> isolate GAGGIO-1_C2698_MrVSRF3 Guidetti <i>et al.</i> , 2019	MK040999	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus spatialis</i> isolate FORMIGINE-4_C2842_PrFOR4 Guidetti <i>et al.</i> , 2019	MK040998	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus spatialis</i> isolate FORMIGINE-3_C2681_MrFORM6 (Guidetti <i>et al.</i> , 2019)	MK040997	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus spatialis</i> isolate FORMIGINE-2_C2680_MrFORM2 Guidetti <i>et al.</i> , 2019)	MK040996	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus spatialis</i> isolate FORMIGINE-1_C2680_MrFORF3 Guidetti <i>et al.</i> , 2019)	MK040995	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus richtersi</i> isolate CLARE_ISLAND-3_C2714_MrCIIM2 Murray, 1911	MK040994	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus richtersi</i> isolate CLARE_ISLAND-2_C2714_Mr_CIIF4 Murray, 1911	MK040993	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus richtersi</i> isolate CLARE_ISLAND-1_C2714_MrCIIF2 Murray, 1911	MK040992	Guidetti <i>et al.</i> (2019)
<i>Paramacrobilotus lachowskiae</i> Stec <i>et al.</i> , 2017	MF568534	Stec <i>et al.</i> (2017)
<i>Paramacrobilotus cf. richtersi</i> DS-2016	KU513421	Kosztyla <i>et al.</i> (2016)
<i>Macrobilotus sp. 'richtersi'</i> group 1 from Kenya	EU244599	Schill (2007) Unpublished
<i>Macrobilotus sp. 'richtersi'</i> group 2 from Kenya	EU244598	Schill (2007) Unpublished

Macrobiotus sp. 'richtersi' group 1 from USA	EU244597	Schill (2007) Unpublished
<i>Macrobiotus richtersi</i> voucher C2345-MR_3	AY598779	Guidetti <i>et al.</i> (2005)
<i>Macrobiotus richtersi</i> voucher C2345-MR_2	AY598778	Guidetti <i>et al.</i> (2005)
<i>Paramacrobiotus richtersi</i> group sp. 1 MAC-2014 isolate T8	KF788257	Caicedo (2013) Unpublished
<i>Paramacrobiotus richtersi</i> group sp. 1 MAC-2014 isolate T7	KF788256	Caicedo (2013) Unpublished
<i>Paramacrobiotus richtersi</i> group sp. 1 MAC-2014 isolate T6	KF788255	Caicedo (2013) Unpublished
<i>Paramacrobiotus richtersi</i> group sp. 1 MAC-2014 isolate T4	KF788254	Caicedo (2013) Unpublished
<i>Paramacrobiotus richtersi</i> group sp. 1 MAC-2014 isolate T3	KF788253	Caicedo (2013) Unpublished
<i>Paramacrobiotus richtersi</i> group sp. 1 MAC-2014 isolate T2	KF788252	Caicedo (2013) Unpublished
<i>Paramacrobiotus richtersi</i> group sp. 1 MAC-2014 isolate T1	KF788251	Caicedo (2013) Unpublished
<i>Macrobiotus richtersi</i> group sp. NG-2008 isolate Tar709	FJ435809	Guil and Giribet (2012)
<i>Macrobiotus richtersi</i> group sp. NG-2008 isolate Tar708	FJ435808	Guil and Giribet (2012)
<i>Paramacrobiotus gadabouti</i> Kayastha <i>et al.</i> , 2023	OP394113	Kayastha <i>et al.</i> (2023)
<b>OUTGROUP</b>		
<i>Tenuibiotus cf. ciprianoi</i> ES086 strain ES.086	MN888328	Vecchi and Stec (2021)
<i>Tenuibiotus tenuiformis</i> strain KG.140 (Tumanov, 2007)	MN888330	Vecchi and Stec (2021)
<i>Tenuibiotus danilovi</i> strain KG.128 (Tumanov, 2007)	MN888329	Vecchi and Stec (2021)
<i>Tenuibiotus zandrae</i> (Stec <i>et al.</i> , 2020d)	MN444827	Stec <i>et al.</i> (2020d)
<i>Tenuibiotus voronkovi</i> haplotype 1 (Tumanov, 2007)	KX810042	Zawierucha <i>et al.</i> (2016)

**Supplementary File 4.** GenBank accession numbers for sequences of *Paramacrobiotus* and *Tenuibiotus* (outgroup) species used in this study for Species Delimitation analyses. <https://doi.org/10.5852/ejt.2023.890.2249.9639>