Long ITS sequences

Libraries & load TSE

```
library(mia)
library(tidyverse)
library(kableExtra)
tse <- readRDS("results/tse_itsall.rds")
rowData(tse)$seq_length <- nchar(as.character(referenceSeq(tse)))</pre>
```

Filtering seq over 800 bp

```
tse <- tse[rowData(tse)$seq_length >=800,]
dim(tse)
```

[1] 233 24

	Kingdom	Phylum	Class	Order	Family	Genus	Species	seq_length
OTU_399	Fungi	Ascomycota	Leotiomycetes	Leotiales	Tympanidaceae	Tympanidaceae_gen_Incertae_sedis	NA	829
OTU_523	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	phycophilum	1001
OTU_555	Fungi	Ascomycota	Leotiomycetes	Leotiales	Tympanidaceae	Tympanidaceae_gen_Incertae_sedis	NA	829
OTU_855	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	NA	998
OTU_1090	Fungi	Zoopagomycota	Zoopagomycetes	Zoopagales	Piptocephalidaceae	Syncephalis	aurantiaca	807
OTU_1111	Fungi	Chytridiomycota	Spizellomycetes	Spizellomycetales	Spizellomycetales_fam_Incertae_sedis	Spizellomycetales_gen_Incertae_sedis	NA	939
OTU 1118	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	NA	985
OTU_1210	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota ord Incertae sedis	Rozellomycota fam Incertae sedis	Rozellomycota gen Incertae sedis	NA	800
OTU_1270	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	928
OTU_1288	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	878
OTU_1356	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	959
OTU_1456	Fungi	Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Leccinum	rotundifoliae	1052
OTU_1483	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	833
OTU_1500		Rozellomycota		Rozellomycota ord Incertae sedis	Rozellomycota fam Incertae sedis		NA NA	854
	Fungi		Rozellomycota_cls_Incertae_sedis GS14	GS14 ord Incertae sedis	GS14 fam Incertae sedis	Rozellomycota_gen_Incertae_sedis	NA NA	847
OTU_1508	Fungi	Chytridiomycota	6514	GS14_ord_incertae_sedis	GS14_lam_incertae_sedis	GS14_gen_Incertae_sedis		
OTU_1541	Fungi	Ascomycota	Leotiomycetes	Leotiales	Tympanidaceae	Tympanidaceae_gen_Incertae_sedis	NA	830
OTU_1679	Fungi	Chytridiomycota	Chytridiomycota_cls_Incertae_sedis	Chytridiomycota_ord_Incertae_sedis	Chytridiomycota_fam_Incertae_sedis	Chytridiomycota_gen_Incertae_sedis	NA	801
OTU_1683	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	881
OTU_1721	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	NA	1024
OTU_1755	Fungi	Ascomycota	Ascomycota_cls_Incertae_sedis	Ascomycota_ord_Incertae_sedis	Ascomycota_fam_Incertae_sedis	Ascomycota_gen_Incertae_sedis	NA	899
OTU_1777	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	973
OTU_1778	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	962
OTU_1829	Fungi	Fungi phy Incertae sedis	Fungi cls Incertae sedis	Fungi ord Incertae sedis	Fungi fam Incertae sedis	Fungi gen Incertae sedis	NA	877
OTU_1841	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Amniculicolaceae	Murispora	galii	801
OTU_1843	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	934
OTIL 1067	Fundi	Fundi phy Incortos codio	Fundi ala Incertas cadia	Fundi and Incertoe codia	Fundi fam Incortae cadio	Fundi dan Ingertae godie	NA	811
OTU_1967	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA NA	890
OTU_1973	Fungi Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA NA	816
OTU_2009	_	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA NA	966
OTU_2032	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA NA	895
OTU_2037	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	895
OTU_2039	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	839
OTU_2050	Fungi	Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Leccinum	rotundifoliae	974
OTU_2118	Fungi	Zoopagomycota	Zoopagomycetes	Zoopagales	Piptocephalidaceae	Syncephalis	aurantiaca	802
OTU_2121	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1007
OTU_2129	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	949
OTU_2131	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	954
OTU_2153	Fungi	Zoopagomycota	Zoopagomycetes	Zoopagales	Piptocephalidaceae	Syncephalis	aurantiaca	809
OTU_2188	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	877
OTU_2198	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	859
OTU_2221	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	821
OTU_2230	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	867
OTU_2302	Fungi		Zoopagomycetes	Zoopagales	Piptocephalidaceae	Syncephalis	aurantiaca	805
		Zoopagomycota						849
OTU_2307	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae	Ampulloclitocybe	clavipes	1359
OTU_2322 OTU_2353	Fungi Fungi	Basidiomycota Fungi_phy_Incertae_sedis	Agaricomycetes Fungi_cls_Incertae_sedis	Boletales Fungi_ord_Incertae_sedis	Boletaceae Fungi_fam_Incertae_sedis	Leccinum Fungi_gen_Incertae_sedis	variicolor NA	801
OTU_2359	Fungi	Zoopagomycota	Zoopagomycetes	Zoopagales	Piptocephalidaceae	Syncephalis	aurantiaca	808
OTU_2386	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	850
OTU_2394	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	881
OTU_2428	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	910
OTU_2491	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	817
	Francis	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	822
OTU_2520	Fungi							

	Kingdom	Phylum	Class	Order	Family	Genus	Species	seq_length
OTU_2537	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	867
OTU_2631	Fungi	Fungi phy Incertae sedis	Fungi cls Incertae sedis	Fungi_ord_Incertae_sedis	Fungi fam Incertae sedis	Fungi_gen_Incertae_sedis	NA	852
OTU_2673	Fungi	Chytridiomycota	Spizellomycetes	Spizellomycetales	Spizellomycetales_fam_Incertae_sedis	Spizellomycetales_gen_Incertae_sedis	NA	827
OTU_2707	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	811
OTU_2716	Fungi	Chytridiomycota	GS14	GS14_ord_Incertae_sedis	GS14_fam_Incertae_sedis	GS14 gen Incertae sedis	NA	803
OTU_2734	Fungi	Chytridiomycota	Chytridiomycota_cls_Incertae_sedis	Chytridiomycota_ord_Incertae_sedis	Chytridiomycota_fam_Incertae_sedis	Chytridiomycota_gen_Incertae_sedis	NA	858
OTU_2892	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	837
OTU_2911	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	890
OTU_2919	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi fam Incertae sedis	Fungi_gen_Incertae_sedis	NA	887
OTU_2920	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota ord Incertae sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	859
OTU_2992	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	977
OTU_3003	Fungi	Kickxellomycota	Kickxellomycetes	Kickxellales	Kickxellaceae	Coemansia	aciculifera	927
OTU_3010	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	936
OTU_3026	Fungi	Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Leccinum	versipelle	1471
OTU_3044	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	808
OTU_3051	Fungi	Kickxellomycota	Kickxellomycetes	Kickxellales	Kickxellaceae	Coemansia	pectinata	848
OTU_3058	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	804
OTU_3077	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	804
OTU_3081	Fungi	Eungi phy Incorton codic	Fundi ele Incertae codie	Fundi and Incorton sadio	Fundi fam Incortae codis	Fundi don Incortan codis	NA	816
OTU_3160	Fungi	Fungi_phy_Incertae_sedis Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis Fungi_gen_Incertae_sedis	NA NA	1052
OTU_3182	Fungi	Fungi phy Incertae sedis	Fungi cls Incertae sedis	Fungi ord Incertae sedis	Fungi_fam_Incertae_sedis	Fungi gen Incertae sedis	NA	815
OTU_3186	Fungi	Zoopagomycota	Zoopagomycetes	Zoopagales	Piptocephalidaceae	Piptocephalis	NA	955
OTU_3190	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	995
OTIL 2210	Fungi	Fundi phy Incortos codio	Fungi_cls_Incertae_sedis	Fundi and Incorton andia	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	821
OTU_3219 OTU_3220	Fungi	Fungi_phy_Incertae_sedis Chytridiomycota	Spizellomycetes	Fungi_ord_Incertae_sedis Spizellomycetales	Spizellomycetales_fam_Incertae_sedis	Spizellomycetales_gen_Incertae_sedis	NA NA	855
OTU_3234	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1009
OTU_3242	Fungi	NA	NA	NA	NA	NA	NA	840
OTU_3264	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	988
OTU_3289	Fungi	Kickxellomycota	Kickxellomycetes	Kickxellales	Kickxellaceae	Spiromyces	minutus	948
OTU_3303	Fungi	Chytridiomycota	Spizellomycetes	Spizellomycetales	Spizellomycetales_fam_Incertae_sedis	Spizellomycetales_gen_Incertae_sedis	NA	828
OTU_3309	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	943
OTU_3342	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	829
OTU_3347	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	974
OTIL 2256	Eungi	Chytridiomycota	Chutridiamyanta als Incortas andis	Chytridiamygata ard Incortag godis	Chytridiamygota fam Ingartag godin	Chytridiamygota gon Ingartag godis	NA	859
OTU_3356 OTU_3358	Fungi Fungi	Chytridiomycota Fungi_phy_Incertae_sedis	Chytridiomycota_cls_Incertae_sedis Fungi_cls_Incertae_sedis	Chytridiomycota_ord_Incertae_sedis Fungi_ord_Incertae_sedis	Chytridiomycota_fam_Incertae_sedis Fungi_fam_Incertae_sedis	Chytridiomycota_gen_Incertae_sedis Fungi_gen_Incertae_sedis	NA NA	811
OTU_3361	Fungi	Zoopagomycota	Zoopagomycetes	Zoopagales	Piptocephalidaceae	Syncephalis	aurantiaca	816
OTU_3364	Fungi	Ascomycota	Ascomycota_cls_Incertae_sedis	Ascomycota_ord_Incertae_sedis	Ascomycota_fam_Incertae_sedis	Ascomycota_gen_Incertae_sedis	NA	962
OTU_3372	Fungi	Ascomycota	Ascomycota_cls_Incertae_sedis	Ascomycota_ord_Incertae_sedis	Ascomycota_fam_Incertae_sedis	Ascomycota_gen_Incertae_sedis	NA	805
OTIL 2276	Fungi	Fundi phy Incortee codic	Fundi ala Incortas andia	Fundi and Incorton andia	Fundi fam Incertos codio	Fundi dan Ingartas gadia	NA	834
OTU_3376 OTU_3387	Fungi	Fungi_phy_Incertae_sedis Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis Fungi_gen_Incertae_sedis	NA NA	1020
OTU_3389	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1020
OTU_3393	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	878
OTU_3395	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	853
OTIL 2227	Feli	Construction to a series	Frank ala laccada andia	Franci and Incomes andi-	Francis forms (managers and in	Franci dan Indonésa dadia	NIA	000
OTU_3397 OTU_3398	Fungi Fungi	Fungi_phy_Incertae_sedis Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA NA	820 990
OTU_3398	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis Fungi_gen_Incertae_sedis	NA	879
OTU_3421	Fungi	Fungi phy Incertae sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi fam Incertae sedis	Fungi_gen_Incertae_sedis	NA	1098
OTU_3446	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1003
OTU_3451	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Entolomataceae	Entoloma	paragaudatum	881
OTU_3454	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	801
OTU_3467	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1038
OTU_3481	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1027
OTU_3484	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	894
OTU_3497	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	884
OTU_3506	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	889
OTU_3507	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	877
OTU_3518	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1089
OTU_3532	Fungi	Kickxellomycota	Kickxellomycetes	Kickxellales	Kickxellaceae	Coemansia	pectinata	1005

Fung		Kingdom	Phylum	Class	Order	Family	Genus	Species	seq_length
May Page prepared Page Page prepared Page									
Fund			0-1 7	<u>-</u>	_	<u> </u>			
Fund_introduce_parts				=	_	_			
Part		_		=	_	_			
19.00 19.0				=					
No. No. No. No.	OTU_3563	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	822
Maria Mari	OTU_3582	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	937
CHU_359F Firef Zeopespervolate Zeopespervolate Zeopespervolate Zeopespervolate Zeopespervolate Test_Col_Life_Controller_sold NA 907	OTU_3585	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	874
Fung Fung Pung Pung placenters seed Fung placenters seed	OTU_3586	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	832
Description Funging	OTU_3589	Fungi	Zoopagomycota	Zoopagomycetes	Zoopagales	Piptocephalidaceae	Piptocephalis	minuta	
CHU 1950 Files Residency Agencomycotes Agencomycotes Pileg of Incentee acids Pileg	OTU_3597	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	907
March Marc	OTU_3598	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	932
Fund				=		_			
Margin Fung			•		Fungi ord Incertae sedis	Fungi fam Incertae sedis			840
OTU. 300 Page Fame Accompose Locitolise Tympenidosces Mympenidosces_jeut_Incitate_seids NA 84 OTU. 300 Page Fage Fungl. phr. Incitate_seids Fage_den_Incitate_seids Fage_den_Incitate_seids NA 34 OTU. 300 Page Fage Fungl. phr. Incitate_seids Fage_den_Incitate_seids Fungl. phr. Incitate_seids NA 120 OTU. 300 Page Beaddinnyeen Agricomycetes Resolutions Resolutions Resolutions Resolutions 120 OTU. 300 Page Beaddinnyeen Agricomycetes Resolutions Resolutions Resolutions Resolutions Resolutions Resolutions Page Page Page Page Page Page Page Page		_		=	Fungi ord Incertae sedis	=			
1				-		_			
OU.556 Fing				•					
10.00 10.0									
OU 370					_				
OU.975			•						
OU. 3738 Fung Fung Liphy Incertae, sedis Fung Light Jincertae, sedis Fung Light Jincer			•						
OLU 3752 Fungl Fungl phy Incertas sedis Fungl phy Incertas sedis Fungl phy Incertas sedis NA 9.48 OLU 3752 Fungl Fungl phy Incertas sedis Fungl phy Incertas sedis Fungl phy Incertas sedis NA 1314 OLU 3752 Fungl Fungl phy Incertas sedis Fungl phy Incertas sedis Fungl phy Incertas sedis NA 1314 OLU 3767 Fungl Fungl phy Incertas sedis Fungl phy Incertas sedis Fungl phy Incertas sedis NA 1434 OLU 3803 Fungl Fungl phy Incertas sedis Fungl phy Incertas sed	010_3/3/	Fungi	Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	versicolor	1317
OIU 3795 Fungl Fungl, John, Incortae, sodis Fungl, Lin, Incortae, sodis Fungl, John, Incortae, sodis MA 100 OIU 3865 Fungl Basidiomycotia Aguircomycetes Pungl, John, Incortae, sodis Fungl, John, Incortae, sodis MA	OTU_3738	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	984
OLU 3757 Fungl Fungl, punk, Incertae, aedies Fungl, punk, Incertae, aedies Fungl, punk, Incertae, aedies NA 1031 OTU 3761 Fungl Crytridiornycota Chytridiornycotas Chytridiornycotas Chytridiornycotas Chytridiornycotas Chytridiornycotas Chytridiornycotas Chytridiornycotas Chytridiornycotas Chytridiornycotas Fungl, punk, Incertae, aedies Fungl, punk, Incertae, aedies NA 1728 OTU 3068 Fungl Fungl, punk, Incertae, aedies Fungl, cunk, Incertae, aedies Fungl, punk, Incertae, aedies NA 1441 OTU 3068 Fungl Accomprote Eurolicias, Incertae, aedies Fungl, punk, Incertae, aedies NA 1461 OTU 3068 Fungl Accomprote Eurolicias, Incertae, aedies Fungl, punk, Incertae, aedies Pungl, punk, Incertae, aedies NA 1411 OTU 3068 Fungl Fungl, punk, Incertae, aedies Fungl, punk, Incertae, aedies Russulae 4panleomy aedies 1110 OTU 3078 Fungl Fungl, Incertae, aedies Fungl, Incertae, aedies Russulae 4panleomy aedies 1110		Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	946
OU 3777 Fungl Fungl punch p	OTU_3752	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1314
OTU 3781 Fungl Chytridiomycota Chytridiomycetas Chytridiomycetas Chytridiomycetaseadis Pingli per fungli phy Incertas sedis NA 1729 OTU 3801 Fungli phy Incertas sedis Fungli phy Incertas sedis Fungli phy Incertas sedis Pungli phy Incertas sedis NA 1401 OTU 3804 Fungli phy Incertas sedis Fungli phy Incertas sedis Fungli phy Incertas sedis Pungli phy Incertas sedis NA 1002 OTU 3885 Fungli Phy Incertas sedis Pungli phy Incertas sedis Pungli phy Incertas sedis NA 1002 NA	OTU_3759	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1031
OTU 3803 Finglig Finglig byligh, Incertae, sedis Funglig Lan [Incertae, sedis NA 1726 OTU 3,808 Finglig byligh, Incertae, sedis Funglig, Lan [Incertae, sedis Funglig, Lan [Incertae, sedis Funglig, Lan [Incertae, sedis NA 1467 OTU 3,845 Finglig Association of the profit of t	OTU_3767	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1454
OTU 3803 Finglig Finglig byligh, Incertae, sedis Funglig Lan [Incertae, sedis NA 1726 OTU 3,808 Finglig byligh, Incertae, sedis Funglig, Lan [Incertae, sedis Funglig, Lan [Incertae, sedis Funglig, Lan [Incertae, sedis NA 1467 OTU 3,845 Finglig Association of the profit of t	OTII 3781	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	nhyconhilum	1440
OUU_3828 Funglis Fungl_DIV_Incertae_sedis Fungl_cis_Incertae_sedis Fungl_					•				
OTU_3812 Fungl_ Fungl_ Promotoral Euroficorycotes Fungl_cls_Incertae_sedis Fungl_gen_Incertae_sedis NA 1097 OTU_3885 Fungl_ Fungl_ Promotoral Euroficorycotes Chebottyridises Heptotificibleacee Clobalisacipora mutiseptata 1110 OTU_3885 Fungl_ Basidiomycota Agaricomycetes Russulales Russulaceee Russula depallens 1323 OTU_3885 Fungl_ Basidiomycota Agaricomycetes Russulales Russulaceee Russula depallens 1645 OTU_3885 Fungl_ Basidiomycota Agaricomycetes Russulales Russulaceee Russula depallens 1645 OTU_3894 Fungl_ Basidiomycota Agaricomycetes Russulales Russulaceee Russula NA				<u>-</u>					
OTU_3848 Fungi Ascomycota Eurotiomycetes Chaetothyriates Herpotrichiellaceae Cladophialophora mitiseptata 1110 OTU_3888 Fungi Basidiomycota Agaricomycetes Russulaceae Russulaceae Russulaceae NA 100 OTU_3898 Fungi Basidiomycota Agaricomycetes Russulale Russulaceae Russulaceae Russulaceae Pungi Lentace_sedis NA 1645 OTU_3978 Fungi Basidiomycota Agaricomycetes Russulaceae Russulaceae Russulaceae Russulaceae Russulaceae Russulaceae AnA NA 1249 OTU_4013 Fungi Basidiomycota Agaricomycetes Russulaceae NA NA NA NA NA 1467 NA NA NA 1467									
OTU_3885 Fungl Basidiomycota Agaricomycetes Russulaes Russulaceae Russulaceae <th< td=""><td></td><td></td><td></td><td></td><td>_</td><td>_</td><td></td><td></td><td></td></th<>					_	_			
OTU_3898 Fungi Fungi_phy_Incertae_sedis Fungi_phy_Incertae_sedis Fungi_sen_Incertae_sedis NA 1090 OTU_3986 Fungi Basidiomycota Agaricomycetes Russulades Russulaceae Russula depallers 1645 OTU_3994 Fungi Basidiomycota Agaricomycetes Russulabes Russulaceae Russula depallers 1545 OTU_3994 Fungi Basidiomycota Agaricomycetes Russulabes Russulaceae Ru		rungi	nooniyoota	Larottomycotco	Onactoriynates	Herpothermenadode	Otadopinatopilola	mataooptata	1110
OTU_3898 Fungli Basidiomycote Agaricomycetes Russulales Russulacee	OTU_3885	Fungi	Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	depallens	1323
OTU_3878FungiBasidiomycotaNANANA1154OTU_3894FungiBasidiomycotaAgaricomycetesRussulalesRussulaceaRussulacAgaricomycetes1248OTU_3013FungiNANANANANANANA1467OTU_4222FungiFungi, phy_Incertae_sedisFungi, cls_Incertae_sedisFungi, cls_Incertae_sedisFungi, cls_Incertae_sedisFungi, cls_Incertae_sedisFungi, cls_Incertae_sedisNA830OTU_4240FungiChytridiomycotaChytridiomycetesChytridielesChytriomycetaceaeRhizidiumNA1007OTU_4486FungiChytridiomycotaAgaricomycetesAgaricolesCortinariaceaeCortinariaceaeCortinariaceaeNA1032OTU_4522FungiChytridiomycotaAgaricomycetesSpizellomycetales_fun_Incertae_sedisAgaricomycetesSpizellomycetales_fun_Incertae_sedisChytridiomycota_cls_Incertae_sedisNA1032OTU_4532FungiChytridiomycotaChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisNA1032OTU_4532FungiChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_gan_Incertae_sedisFung	OTU_3896	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1090
OTU_3994FungiBasidiomycotaAgaricomycetesRussulalesRussulaceaeRussulaceaeRussuladepallens1249OTU_4013FungiNANANANANANANA1467OTU_4226FungiFungi Dph_Incertae_sedisFungi_cls_Incertae_sedisFungi_clm_Incertae_sedisFungi_gen_Incertae_sedisNA830OTU_4246FungiChytridiomycotaChytridiomycetasChytridialesChytriomycetaceaeRhizidiumNA1007OTU_4440FungiChytridiomycotaChytridiomycetaeChytridialesChytridiomycetaeeaRhizidiumNA1007OTU_4440FungiChytridiomycotaAgaricomycetesChytridialesCortinariaceaeCortinariaceaeCortinariaceaeCortinariaceaeOTU_4452FungiChytridiomycotaSpizellomycetaesSpizellomycetales_fam_Incertae_sedisSpizellomycetales_gen_Incertae_sedisNA1033OTU_4522FungiChytridiomycotaChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_gen_Incertae_sedisNA1033OTU_4532FungiChytridiomycota_cls_Incertae_sedisChytridiomycota_cls_Incertae_sedisChytridiomycota_gen_Incertae_sedisNA1034OTU_4532FungiAscomycotaAgaricomycetesAtheliateaAtheliaceaePingi_gen_Incertae_sedisNA1034OTU_5032FungiFungi_phy_Incertae_sedisFungi_ota_Incertae_sedisFungi_gen_Incertae_sedis </td <td>OTU_3963</td> <td>Fungi</td> <td>Basidiomycota</td> <td>Agaricomycetes</td> <td>Russulales</td> <td>Russulaceae</td> <td>Russula</td> <td>depallens</td> <td>1645</td>	OTU_3963	Fungi	Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	depallens	1645
OTU_4013 Fungi NA NA NA 1467 OTU_42212 Fungi Fungi, phy, Incertae_sedis Fungi, cls, Incertae_sedis Fungi, gran, Incertae_sedis Fungi, gran, Incertae_sedis NA 830 OTU_42216 Fungi Chytridiomycota Chytridiomycota Chytridiomycota Rhizidium NA 1007 OTU_4440 Fungi Chytridiomycota Chytridiomycota Chytridiomycota Chytridiomycota Rhizidium NA 103 OTU_4486 Fungi Chytridiomycota Agaricales Cortinariaceae Cortinarius NA 103 OTU_4521 Fungi Chytridiomycota Spizellomycetes Spizellomycetaeea Rhizidium NA 103 OTU_4521 Fungi Chytridiomycota Agaricales Chytridiomycotaeaea Spizellomycetaeaeaeis Cortinariaceae Cortinarius NA 1033 OTU_4521 Fungi Chytridiomycota Chytridiomycotaeaea Chytridiomycotaeaea Chytridiomycotaeaea Chytridiomycotaeaeaneaea Chytridiomycotaeaeaneaeaaeaaeaaaeaaaeaaaaaaaaaaaaaaa		Fungi	Basidiomycota	NA				NA	
CTU_4222 Fungi Fungi, Jen_Uncertae_sedis Fungi, Jen_Uncertae_sedis Fungi, Jen_Uncertae_sedis NA 830 OTU_4246 Fungi Chytridiomycota Chytridiomycetes Chytridiomycetaecae Rhizidium NA 1007 OTU_4446 Fungi Chytridiomycota Chytridiomycetes Chytridiomycetaecae Rhizidium NA 1032 OTU_4816 Fungi Chytridiomycota Agaricomycetes Agaricales Cortinariaceae Cortinarius NA 1032 OTU_4815 Fungi Chytridiomycota Spizellomycetes Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Chytridiomycota_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Chytridiomycota_fem_Incertae_sedis Fungi_fem_Incertae_sedis NA 1848 OTU_5030 Fungi Pungi_fem_Incertae_sedis Fungi_fem_Incertae_sedis	OTU_3994	Fungi	Basidiomycota	Agaricomycetes	Russulales	Russulaceae	Russula	depallens	1249
CTU_4222 Fungi Fungi, Jen_Uncertae_sedis Fungi, Jen_Uncertae_sedis Fungi, Jen_Uncertae_sedis NA 830 OTU_4246 Fungi Chytridiomycota Chytridiomycetes Chytridiomycetaecae Rhizidium NA 1007 OTU_4446 Fungi Chytridiomycota Chytridiomycetes Chytridiomycetaecae Rhizidium NA 1032 OTU_4816 Fungi Chytridiomycota Agaricomycetes Agaricales Cortinariaceae Cortinarius NA 1032 OTU_4815 Fungi Chytridiomycota Spizellomycetes Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Chytridiomycota_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Spizellomycetales_fem_Incertae_sedis Chytridiomycota_fem_Incertae_sedis Fungi_fem_Incertae_sedis NA 1848 OTU_5030 Fungi Pungi_fem_Incertae_sedis Fungi_fem_Incertae_sedis	OTU 4013	Fungi	NA	NA	NA	NA	NA	NA	1467
CTU_4261 Fungi Chytridiomycota Chytridiomycotes Chytridiales Chytridiomycotaceae Rhizidium NA 1007 OTU_4448 Fungi Chytridiomycota Chytridiomycota Chytridiomycota Rhizidium phycophilum 998 OTU_4432 Fungi Chytridiomycota Spizellomycetes Agaricomycetales Spizellomycetales_fam_Incertae_sedis Spizellomycetales_gen_Incertae_sedis NA 1033 OTU_4851 Fungi Chytridiomycota Chytridiomycota_els_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 884 OTU_5023 Fungi Pungi spi_Incertae_sedis Fungi_cls_Incertae_sedis Atheliaceae Piloderma Inatutum 1395 OTU_5030 Fungi Fungi_phy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 1115 OTU_5042 Fungi Fungi_p									
OTU_44408 Fungi Chtytrioliomycota Chtytrioliomycotes Chtytrioliomycota Chtytrioliomycota Agaricomycetes Agaricales Cortinariaceae Cortinariaceaeae Cortinariaceaeaeaeaeaeaeaeaeaeaeaeaeaeaeaeaeaeae		_		=	_	_			
OTU_4886 Fungi Basidiomycota Agaricomycetes Agaricales Cortinariaceae Cortinarius NA 1032 OTU_4532 Fungi Chytridiomycota Spizellomycetaes Spizellomycetales Spizellomycetales_fam_Incertae_sedis Spizellomycetales_gen_Incertae_sedis NA 1033 OTU_4851 Fungi Chytridiomycota Chytridiomycota_cls_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Chytridiomycota_gen_Incertae_sedis NA 184 OTU_4904 Fungi Pungi ph_Incertae_sedis Fungi_clp_Incertae_sedis Fungi_gen_Incertae_sedis NA 146 OTU_5023 Fungi Basidiomycota Agaricomycetes Atheliales Atheliaceae Piloderma Ianatum 1395 OTU_5030 Fungi Fungi_phy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 1115 OTU_5062 Fungi Fungi_phy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_gen_Incertae_sedis NA 1115 OTU_5109 Fungi					-				
OTU_4851 Fungi Chytridiomycota Chytridiomycota_cls_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Chytridiomycota_gen_Incertae_sedis NA 884 OTU_4949 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_nam_Incertae_sedis Fungi_gen_Incertae_sedis NA 1466 OTU_5030 Fungi Basidiomycota Agaricomycetes Atheliacea Piloderma Ianatum 1395 OTU_5030 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis NA NA NA NA 1082 OTU_5030 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis NA NA 1115 OTU_5082 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis NA 1115 OTU_5088 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1032</td></td<>									1032
OTU_4851 Fungi Chytridiomycota Chytridiomycota_cls_Incertae_sedis Chytridiomycota_fam_Incertae_sedis Chytridiomycota_gen_Incertae_sedis NA 884 OTU_4949 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_nam_Incertae_sedis Fungi_gen_Incertae_sedis NA 1466 OTU_5030 Fungi Basidiomycota Agaricomycetes Atheliacea Piloderma Ianatum 1395 OTU_5030 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis NA NA NA NA 1082 OTU_5030 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis NA NA 1115 OTU_5082 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis NA 1115 OTU_5088 Fungi Fungi_ply_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_cls_Incertae_sedis <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
OTU_4940FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ram_Incertae_sedisFungi_gen_Incertae_sedisNA1466OTU_5023FungiBasidiomycotaAgaricomycetesAthelialesAtheliaceaePilodermalanatum1395OTU_5030FungiAscomycotaLecanoromycetesNANANANANANA1082OTU_5062FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA1115OTU_5082FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA1115OTU_5082FungiBasidiomycotaTremellomycetesFilobasidialesPiskurozymaceaeSolicoccozymaterricola1296OTU_5173FungiRozellomycotaRozellomycota_cls_Incertae_sedisRozellomycota_ord_Incertae_sedisRozellomycota_fam_Incertae_sedisRozellomycota_gen_Incertae_sedisNA920OTU_5296FungiBasidiomycotaAgaricomycetesRussulalesRussulaceaeLactariusvietus1356OTU_5274FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_gen_Incertae_sedisNA889OTU_5275FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_gen_Incertae_sedisNA894OTU_5505FungiAscomycotaLeotiomycetesHelotialesNANAN					-				
OTU_5023 OTU_5030FungiBasidiomycotaAgaricomycetesAthelialesAtheliaceaePilodermaIanatum1395 NAOTU_5030FungiAscomycotaLecanoromycetesNANANANANA1082OTU_5062 OTU_5062 OTU_5088 OTU_5088 OTU_5109 Fungi Fungi_bry_Incertae_sedis Fungi_chy_Incertae_sedis Fungi_chy_Incertae_sedis TremellomycetesFungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_ord_Incertae_sedis Rozellomycota_ord_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Rozellomycota Fungi_fam_Incertae_sedis Rozellomycota Fungi_fam_Incertae_sedis Rozellomycota Fungi_fam_Incertae_sedis Rozellomycota_fam_In									
OTU_5030FungiAscomycotaLecanormycetesNANANA1082OTU_5062FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA1115OTU_5088FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA806OTU_5109FungiBasidiomycotaTremellomycetesFilobasidialesPiskurozymaceaeSolicoccozymaterricola1296OTU_5173FungiRozellomycotaRozellomycota_cls_Incertae_sedisRozellomycota_ord_Incertae_sedisRozellomycota_fam_Incertae_sedisRozellomycota_gen_Incertae_sedisNA920OTU_5269FungiBasidiomycotaAgaricomycetesRussulalesRussulaceaeLactariusvietus1356OTU_5274FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA869OTU_5365FungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA805OTU_5500FungiAscomycotaLeotiomycetesHelotialesNANANA910OTU_5603FungiChytridiomycotaChytridiomycetesChytridielesChytriomycetaceaeFungi_fam_Incertae_sedisFungi_fam_Incertae_sedisOTU_5603FungiChytridiomycotaChytridiomycete					_				
OTU_5062 Fungi Fungi_phy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 1150 NA 806 NOTU_5109 Fungi Basidiomycota Tremellomycetes Filobasidiales Piskurozymaceae Solicoccozyma terricola 1296 NA 920 NOTU_5173 Fungi Rozellomycota Rozellomycota_cls_Incertae_sedis Rozellomycota_cls_Incertae_sedis Rozellomycota_fam_Incertae_sedis Rozellomycota_gen_Incertae_sedis NA 920 NOTU_5269 Fungi Basidiomycota Agaricomycetes Russulales Russulaceae Lactarius vietus 1356 NA 869 NOTU_5274 Fungi Fungi_phy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 869 NOTU_5365 Fungi Fungi_phy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 894 NA 805 NA 805 NTU_5500 Fungi Ascomycota Lectiomycetes Helotiales NA 910 NA 910 NA 991 Fungi_sphy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 991 NA 991 Fungi_phy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 991 NA NA NA 991 NA 99			•						
OTU_5088FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gam_Incertae_sedisNA806OTU_5109FungiBasidiomycotaTremellomycetesFilobasidialesPiskurozymaceaeSolicoccozymaterricola1296OTU_5173FungiRozellomycotaRozellomycota_cls_Incertae_sedisRozellomycota_fam_Incertae_sedisRozellomycota_gen_Incertae_sedisNA920OTU_5269FungiBasidiomycotaAgaricomycetesRussulalesRussulaceaeLactariusLactariusvietus1356OTU_5274FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_gam_Incertae_sedisFungi_gam_Incertae_sedisNA869OTU_5274FungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gam_Incertae_sedisNA894OTU_5407FungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gam_Incertae_sedisNA805OTU_5500FungiAscomycotaLeotiomycetesHelotialesNANANA910OTU_5603FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA980OTU_5603FungiPungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA980	010_5030	Fungi	Ascomycota	Lecanoromycetes	NA	NA	NA	NA	1082
OTU_5088FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gam_Incertae_sedisNA806OTU_5109FungiBasidiomycotaTremellomycetesFilobasidialesPiskurozymaceaeSolicoccozymaterricola1296OTU_5173FungiRozellomycotaRozellomycota_cls_Incertae_sedisRozellomycota_fam_Incertae_sedisRozellomycota_gen_Incertae_sedisNA920OTU_5269FungiBasidiomycotaAgaricomycetesRussulalesRussulaceaeLactariusLactariusvietus1356OTU_5274FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_gam_Incertae_sedisFungi_gam_Incertae_sedisNA869OTU_5274FungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gam_Incertae_sedisNA894OTU_5407FungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gam_Incertae_sedisNA805OTU_5500FungiAscomycotaLeotiomycetesHelotialesNANANA910OTU_5603FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA980OTU_5603FungiPungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA980	OTU_5062	Fungi	Fungi_phy_Incertae sedis	Fungi_cls_Incertae sedis	Fungi_ord_Incertae sedis	Fungi_fam_Incertae sedis	Fungi_gen_Incertae sedis	NA	1115
OTU_5109FungiBasidiomycotaTremellomycetesFilobasidialesPiskurozymaceaeSolicoccozymaterricola1296OTU_5173FungiRozellomycotaRozellomycota_cls_Incertae_sedisRozellomycota_cls_Incertae_sedisRozellomycota_fam_Incertae_sedisRozellomycota_gen_Incertae_sedisNA920OTU_5269FungiBasidiomycotaAgaricomycetesRussulalesRussulaceaeLactariusvietus1356OTU_5274FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_gen_Incertae_sedisNA869OTU_5365FungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_gen_Incertae_sedisNA894OTU_5365FungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_gen_Incertae_sedisNA894OTU_5407FungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA805OTU_5500FungiAscomycotaLectiomycetesHelotialesNANANA910OTU_5603FungiFungi_phy_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA980				<u> </u>	_	<u> </u>			806
OTU_5173Fungi FUNGIONRozellomycota FungiRozellomycota_cls_Incertae_sedis BasidiomycotaRozellomycota_cls_Incertae_sedis RussulalesRozellomycota_fam_Incertae_sedis RussulaceaeRozellomycota_gen_Incertae_sedis RussulaceaeRozellomycota_gen_Incertae_sedis LactariusNA920OTU_5274Fungi Fungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA869OTU_5365Fungi Fungi Fungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA894OTU_5407Fungi Fung		_		-	•	_			
OTU_5269FungiBasidiomycotaAgaricomycetesRussulalesRussulaceaeLactariusvietus1356OTU_5274FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_cls_Incertae_sedisFungi_gen_Incertae_sedisNA869OTU_5365FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_cls_Incertae_sedisFungi_gen_Incertae_sedisNA894OTU_5407FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA805OTU_5500FungiAscomycotaLeotiomycetesHelotialesNANANA910OTU_5693FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNAOTU_5603FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_fam_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA			•	-		-	-		920
OTU_5365 Fungi Fungi_phy_Incertae_sedis Fungi_cts_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 894 OTU_5407 Fungi Fungi_phy_Incertae_sedis Fungi_cts_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 805 OTU_5500 Fungi Ascomycota Leotiomycetes Helotiales NA NA 910 OTU_5595 Fungi Chytridiomycota Chytridiomycetes Chytridies Chytridies Chytridies Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 991 OTU_5603 Fungi Fungi_phy_Incertae_sedis Fungi_cts_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 980								vietus	1356
OTU_5365 Fungi Fungi_phy_Incertae_sedis Fungi_cts_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 894 OTU_5407 Fungi Fungi_phy_Incertae_sedis Fungi_cts_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 805 OTU_5500 Fungi Ascomycota Leotiomycetes Helotiales NA NA 910 OTU_5595 Fungi Chytridiomycota Chytridiomycetes Chytridies Chytridies Chytridies Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 991 OTU_5603 Fungi Fungi_phy_Incertae_sedis Fungi_cts_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 980	OTIL 5274	Eupai	Eungi phy Incortog codic	Eungi ele Incertae codie	Fundi and Incortag godis	Fundi fam Incortae codis	Eungi dan Ingartaa godis	NA	000
OTU_5407FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA805OTU_5500FungiAscomycotaLeotiomycetesHelotialesNANANA910OTU_5595FungiChytridiomycotaChytridiomycetesChytridiesChytriomycetaceaeRhizidiumNA981OTU_5603FungiFungi_phy_Incertae_sedisFungi_cls_Incertae_sedisFungi_ord_Incertae_sedisFungi_fam_Incertae_sedisFungi_gen_Incertae_sedisNA980		_				=			
OTU_5500 OTU_5500FungiAscomycotaLeotiomycetesHelotialesNANA910OTU_5505FungiChytridiomycotaChytridiomycetesChytridialesChytriomycetaceaeRhizidiumNA991OTU_5603FungiFungi_phy_Incertae_sedisFungi_phy_Incertae_sedisFungi_phy_Incertae_sedisFungi_phy_Incertae_sedisNA980									
OTU_5595 Fungi Chytridiomycota Chytridiomycetes Chytridiales Chytriomycetaceae Rhizidium NA 991 OTU_5603 Fungi Fungi_phy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_fam_Incertae_sedis NA 980				-	_	_			
OTU_5603 Fungi Fungi_phy_Incertae_sedis Fungi_cls_Incertae_sedis Fungi_ord_Incertae_sedis Fungi_fam_Incertae_sedis Fungi_gen_Incertae_sedis NA 980			•	-					
- 0 0-7 0-1	010_5595	Furigi	Спутпаютнусота	Chythalomycetes	Gnythalates	Спутпотпусетасеае	NIIIZIQIUM	NA	991
	OTU_5603	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	980
				Leotiomycetes	_	=			824

	Kingdom	Phylum	Class	Order	Family	Genus	Species	seq_length
OTU_5628	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	816
OTU_5666	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	970
OTU_5694	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	NA	1003
OTU_5709	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	962
OTU_5721	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1328
OTU_5743	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	818
OTU_5758	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	phycophilum	1001
OTU_5775	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	819
OTU_5786	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi ord Incertae sedis	Fungi fam Incertae sedis	Fungi_gen_Incertae_sedis	NA	983
OTU_5792	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	NA	1004
OTU_5818	Fungi	Mortierellomycota	Mortierellomycetes	Mortierellales	Mortierellaceae	Mortierella	longigemmata	1478
OTU_5827	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	phycophilum	983
OTU_5856	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	phycophilum	1001
OTU_5869	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	841
OTU_5893	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	phycophilum	996
OTU_5904	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1350
OTU_5917	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	phycophilum	1001
OTU_5949	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	954
OTU_5988	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	NA	1003
OTU_6013	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	phycophilum	993
OTU_6064	Fungi	Fungi phy Incertae sedis	Fungi_cls_Incertae_sedis	Fungi ord Incertae sedis	Fungi fam Incertae sedis	Fungi_gen_Incertae_sedis	NA	1000
OTU_6065	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	963
OTU_6080	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	phycophilum	988
OTIL COOC	F	Franci altri laccados codis	Front de lecemes esdis	County and Inscales andia	Franci form Incomes andia	Francisco Incomercianio	NIA	004
OTU_6086 OTU_6108	Fungi	Fungi_phy_Incertae_sedis Chytridiomycota	Fungi_cls_Incertae_sedis Chytridiomycetes	Fungi_ord_Incertae_sedis Chytridiales	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis Rhizidium	NA NA	831 979
OTU_6164	Fungi Fungi	Fungi_phy_Incertae_sedis	Fungi cls Incertae sedis	Fungi ord Incertae sedis	Chytriomycetaceae Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA NA	817
OTU_6166	Fungi	Zoopagomycota	Zoopagomycetes	Zoopagales	Piptocephalidaceae	Syncephalis	aurantiaca	808
OTU_6248	Fungi	NA	NA	NA NA	NA	NA	NA	1254
OTU_6587	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	Penicillium	spinulosum	1288
OTU_6609	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	893
OTU_6634	Fungi	Ascomycota	Leotiomycetes	Helotiales	Myxotrichaceae	Oidiodendron	pilicola	1202
OTU_6696 OTU_6698	Fungi Fungi	Rozellomycota Chytridiomycota	Rozellomycota_cls_Incertae_sedis Chytridiomycetes	Rozellomycota_ord_Incertae_sedis Chytridiales	Rozellomycota_fam_Incertae_sedis Chytriomycetaceae	Rozellomycota_gen_Incertae_sedis Rhizidium	NA NA	912 992
010_0096	rungi	Citytifuloiffycota	Chythalomycetes	Criytridiates	Chythomycetaceae	KIIIZIUIUIII	NA .	
OTU_6699	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	848
OTU_6710	Fungi	Chytridiomycota	Chytridiomycetes	Chytridiales	Chytriomycetaceae	Rhizidium	phycophilum	990
OTU_6971	Fungi	Basidiomycota	Agaricomycetes	Atheliales	Atheliaceae	Tylospora	fibrillosa	1159
OTU_6977	Fungi	Mortierellomycota	Mortierellomycetes	Mortierellales	Mortierellaceae	Mortierella	pulchella	1556
OTU_6997	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	952
OTU_7050	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1073
OTU_7099	Fungi	Basidiomycota	Agaricomycetes	Boletales	Boletaceae	Leccinum	rotundifoliae	1067
OTU_7120	Fungi	Zoopagomycota	Zoopagomycetes	Zoopagales	Piptocephalidaceae	Piptocephalis	indica	1059
OTU_7121	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	834
OTU_7157	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	896
OTU_7165	Fungi	Chytridiomycota	Spizellomycetes	Spizellomycetales	Spizellomycetales_fam_Incertae_sedis	Spizellomycetales_gen_Incertae_sedis	NA	879
OTU_7171	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1387
OTU_7225	Fungi	Ascomycota	Ascomycota_cls_Incertae_sedis	Ascomycota_ord_Incertae_sedis	Ascomycota_fam_Incertae_sedis	Ascomycota_gen_Incertae_sedis	NA	861
OTU_7239	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	943
OTU_7240	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	951
OTU_7244	Fungi	Kickxellomycota	Kickxellomycetes	Kickxellales	Kickxellaceae	Coemansia	pectinata	846
OTU_7373	Fungi	Fungi_phy_Incertae_sedis	Fungi cls Incertae sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1395
OTU_7476	Fungi	Mortierellomycota	Mortierellomycetes	Mortierellales	Mortierellaceae	Mortierella	pulchella	1235
OTU_7481	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	910
	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	858
OTU_7491		Ascomycota	Ascomycota_cls_Incertae_sedis	Ascomycota_ord_Incertae_sedis	Ascomycota_fam_Incertae_sedis	Ascomycota_gen_Incertae_sedis	NA	902
	Fungi				,00.00_1011_11001.00_00010	,,		502
OTU_7513	Fungi Fungi	•	Fungi cls Incertae sedis		Fungi fam Incertae sedis	Fungi gen Incertae sedis	NA	870
OTU_7513 OTU_7578	Fungi Fungi Fungi	Fungi_phy_Incertae_sedis Chytridiomycota		Fungi_ord_Incertae_sedis Chytridiales	Fungi_fam_Incertae_sedis Chytriomycetaceae	Fungi_gen_Incertae_sedis Rhizidium	NA NA	870 1010
OTU_7513	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	=			

(continued)

	Kingdom	Phylum	Class	Order	Family	Genus	Species	seq_length
OTU_7790	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	815
OTU_7817	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	860
OTU_7855	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	1011
OTU_7940	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	830
OTU_8068	Fungi	Ascomycota	Ascomycota_cls_Incertae_sedis	Ascomycota_ord_Incertae_sedis	Ascomycota_fam_Incertae_sedis	Ascomycota_gen_Incertae_sedis	NA	834
OTU_8108	Fungi	Rozellomycota	Rozellomycota_cls_Incertae_sedis	Rozellomycota_ord_Incertae_sedis	Rozellomycota_fam_Incertae_sedis	Rozellomycota_gen_Incertae_sedis	NA	1117
OTU_8111	Fungi	Fungi_phy_Incertae_sedis	Fungi_cls_Incertae_sedis	Fungi_ord_Incertae_sedis	Fungi_fam_Incertae_sedis	Fungi_gen_Incertae_sedis	NA	936
OTU_8160	Fungi	NA	NA	NA	NA	NA	NA	1033