

Supplementary Table 4.1 ITS1 results

Nail 1

Nail 1. ITS1. Species	% Hits
<i>Trichophyton rubrum</i>	95.88
<i>Filobasidium</i> sp.	1.01
<i>Cystobasidium</i> sp.	0.84
<i>Arthroderma vanbreuseghemii</i>	0.64
<i>Candida parapsilosis</i>	0.35
<i>Cryptococcus uniguttulatus</i>	0.34
Fungi	0.14
<i>Naganishia</i> sp.	0.13
Unassigned at Kingdom	0.13
<i>Malassezia</i> sp.	0.10
<i>Rhodotorula</i> sp.	0.08
<i>Epicoccum</i> sp.	0.05
<i>Fusarium oxysporum</i>	0.05
Eurotiales	0.03
Ascomycota	0.02
<i>Wallemia sebi</i>	0.02
Unidentified	0.02
Fungi	0.02
Aspergillaceae	0.02
Ascomycota	0.02
Aspergillaceae	0.02
<i>Filobasidium oeirense</i>	0.02
<i>Wallemia muriae</i>	0.02
<i>Xenasmataella tulasnellodea</i>	0.01
<i>Exophiala lecanii-corni</i>	0.01
<i>Malassezia</i> sp.	0.01
<i>Melissa officinalis</i>	0.01
<i>Aspergillus</i> sp	0.01
<i>Cutaneotrichosporon dermatis</i>	0.01
<i>Dioszegia</i> sp.	0.01
Miscellaneous unidentified	0.01
Total	100.00

Nail 2

Nail 2. ITS1. Species	% Hits
<i>Trichophyton rubrum</i>	97.25
<i>Rhodotorula</i> sp.	0.59
<i>Candida parapsilosis</i>	0.49
Fungi	0.31
Unassigned	0.19
Ascomycota	0.17
<i>Malassezia</i> sp.	0.12
Viridiplantae	0.10
Cladosporiaceae	0.07
<i>Malassezia obtusa</i>	0.05
<i>Arachis hypogaea</i>	0.05
<i>Microascus brevicaulis</i>	0.03
<i>Cladosporium dominicanum</i>	0.03
<i>Fusarium oxysporum</i>	0.03
<i>Naganishia</i> sp.	0.03
Aphididae	0.03
Phaeothecoidea	0.02
<i>Neophaeococcomyces</i> sp.	0.02
<i>Mycena</i> sp.	0.02
<i>Cystobasidium</i> sp.	0.02
Cucurbitaceae	0.02
<i>Botrytis cinerea</i>	0.01
Ascomycota	0.01
<i>Ramularia</i> sp.	0.01
<i>Filobasidium oeirense</i>	0.01
<i>Epicoccum</i> sp.	0.01
Pleosporales	0.01
<i>Pleurotus purpureo-olivaceus</i>	0.01
Malasseziales	0.01
Sporidiobolaceae	0.01
Didymosphaeriaceae	0.01
<i>Sympoventuria capensis</i>	0.01
Dikarya	0.01
Lophiostomataceae	0.01
Phaeosphaeriaceae	0.01
Pleosporales	0.01
<i>Exophiala</i> sp.	0.01
Cystofilobasidiaceae	0.01
<i>Aspergillus</i> sp.	0.01
<i>Hortaea thailandica</i>	0.01
<i>Dioszegia</i> sp.	0.01

<i>Ustilaginales</i> sp.	0.01
<i>Neophaeomoniella niveniae</i>	0.01
<i>Solicoccozyma terrea</i>	0.01
<i>Phoma</i> sp.	0.01
<i>Starmerella</i> sp.	0.01
<i>Trametes versicolor</i>	0.01
<i>Filobasidium</i> sp.	0.01
<i>Cladosporium austrohemisphaericum</i>	0.01
<i>Dianthus</i> sp.	0.01
<i>Curvularia coatesiae</i>	0.01
<i>Stemphylium eturmiunum</i>	0.01
<i>Neophaeococcoomyces</i> sp.	0.01
<i>Meyerozyma guilliermondii</i>	0.01
Miscellaneous unidentified	0.06
Total	100.00

Nail 3

Nail 3. ITS1. Species	% Hits
<i>Trichophyton rubrum</i>	99.94
<i>Candida parapsilosis</i>	0.03
Unassigned	0.01
Eukaryota kgd Incertae sedis	0.01
<i>Malassezia</i> sp.	0.01
Total	100.00

Nail 4

Nail 4. ITS1. Species	% Hits
<i>Arthroderma vanbreuseghemii</i>	99.05
<i>Malassezia</i> sp.	0.23
Fungi sp	0.15
<i>Filobasidium</i> sp.	0.09
<i>Exophiala</i> sp.	0.06
<i>Trichophyton rubrum</i>	0.05
Malasseziales	0.04
<i>Epicoccum</i> sp.	0.04
Unassigned	0.03
<i>Melissa officinalis</i>	0.02
<i>Rhodotorula</i> sp.	0.02
<i>Neocatenulostroma microsporum</i>	0.02
Tremellomycetes	0.01
Cladosporiaceae	0.01
Fungi	0.01

<i>Papiliotrema frias</i>	0.01
<i>Holtermanniella</i> sp.	0.01
Helotiales	0.01
<i>Batcheloromyces</i> sp.	0.01
<i>Syzygium</i> sp.	0.01
<i>Cladosporium dominicanum</i>	0.01
<i>Phyllosticta capitalensis</i>	0.01
Curcubitaceae	0.01
<i>Pseudotaeniolina globosa</i>	0.01
<i>Dissoconium</i> sp.	0.01
<i>Hortaea thailandica</i>	0.01
<i>Leucosporidium</i> sp.	0.01
Miscellaneous unidentified	0.07
Total	100.00

Nail 5

Nail 5. ITS1. Species	% Hits
<i>Aspergillus</i> sp.	98.97
Unassigned	0.32
<i>Malassezia</i> sp.	0.22
<i>Malassezia</i> sp.	0.07
Fungi	0.07
<i>Solanum lycopersicum</i>	0.03
Cladosporiaceae	0.03
Ascomycota	0.03
<i>Mycena filopes</i>	0.02
<i>Epicoccum</i> sp.	0.01
<i>Alternaria alternata</i>	0.01
<i>Neophaeococcomyces</i> sp.	0.01
<i>Pseudopithomyces chartarum</i>	0.01
<i>Coprinellus subdisseminatus</i>	0.01
<i>Penicillium</i> sp.	0.01
<i>Botryobasidium</i> sp.	0.01
Agaricomycetes	0.01
Eukaryota kgd Incertae sedis	0.01
<i>Phacidium</i> sp.	0.01
<i>Rhodotorula</i> sp.	0.01
<i>Phlebiopsis</i> sp.	0.01
Peniophoraceae	0.01
<i>Kazachstania servazzii</i>	0.01
<i>Hyphodontia</i> sp.	0.01
Unidentified	0.11
Total	100.00

Nail 6

Nail 6. ITS1. Species	% Hits
<i>Arthroderma vanbreuseghemii</i>	78.49
Sordariomycetes	4.20
<i>Epicoccum</i> sp.	3.96
Fungi	2.40
<i>Pseudopithomyces chartarum</i>	1.89
Pleosporales	1.64
<i>Rhodotorula</i> sp.	1.11
<i>Cryptococcus uniguttulatus</i>	0.74
<i>Alternaria alternata</i>	0.70
Cladosporiaceae	0.67
Unassigned	0.45
Ascomycota	0.35
<i>Tausonia pullulans</i>	0.23
<i>Curvularia coatesiae</i>	0.19
<i>Cladosporium austrohemisphaericum</i>	0.13
<i>Filobasidium</i> sp	0.12
<i>Erysiphe</i> sp	0.11
<i>Botrytis cinerea</i>	0.11
unidentified	0.11
<i>Biploaris</i> sp.	0.10
Saccharomycetales	0.08
<i>Naganishia</i> sp.	0.07
<i>Vishniacozyma carnescens</i>	0.07
<i>Meyerozyma guilliermondii</i>	0.07
Ascomycota	0.06
<i>Cladosporium dominicanum</i>	0.06
Pleosporales	0.06
<i>Pyrenophora</i> sp.	0.06
<i>Rhodosporeidiobolus colostri</i>	0.05
<i>Filobasidium oeirense</i>	0.05
<i>Cladosporium limoniforme</i>	0.05
<i>Candida parapsilosis</i>	0.05
<i>Castanediella</i> sp.	0.05
<i>Curvibasidium</i> sp.	0.05
<i>Symmetrospora foliicola</i>	0.04
<i>Libertasomyces aloeticus</i>	0.04
<i>Malassezia</i> sp.	0.04
Tremellomycetes	0.04
Auriculariales	0.03

<i>Goffeauzyma</i> sp.	0.03
<i>Periconia</i> sp.	0.03
Dothideomycetes	0.03
<i>Buckleyzyma</i> sp.	0.03
<i>Cladosporium</i> sp.	0.03
<i>Phaeosphaeriopsis</i> sp.	0.03
<i>Phoma herbarum</i>	0.03
<i>Candida zeylanoides</i>	0.03
<i>Kondoa aerea</i>	0.03
<i>Cladosporium aphidis</i>	0.03
<i>Aspergillus fumigatus</i>	0.02
<i>Dothiorella iberica</i>	0.02
<i>Penicillium</i> sp.	0.02
<i>Cystobasidium</i> sp.	0.02
<i>Fonsecazyma</i> sp.	0.02
<i>Curvularia kusanoi</i>	0.02
<i>Rhynchogastrema</i> sp.	0.02
<i>Coprinellus micaceus</i>	0.02
<i>Pyrenophora erythrospila</i>	0.02
<i>Stemphylium eturmiunum</i>	0.02
Tremellomycetes	0.02
<i>Phacidium</i> sp.	0.02
<i>Saitozyma</i> sp.	0.02
<i>Alternaria infectoria</i>	0.02
<i>Genolevuria</i> sp.	0.02
Streptophyta	0.02
Fungi	0.01
Capnodiales	0.01
<i>Alfaria terrestris</i>	0.01
<i>Malassezia slooffiae</i>	0.01
<i>Lanzia</i> sp.	0.01
<i>Vishniacozyma</i> sp.	0.01
<i>Readeriella</i>	0.01
<i>Phaeothecoidea</i>	0.01
<i>Exophiala</i> sp.	0.01
Peniophoraceae	0.01
<i>Farysia acheniorum</i>	0.01
<i>Microdochium</i> sp.	0.01
<i>Papiliotrema</i> sp.	0.01
<i>Filobasidium wieringae</i>	0.01
Nectriaceae	0.01

<i>Fusicolla</i> sp.	0.01
Muruliaceae	0.01
<i>Dioszegia</i> sp.	0.01
<i>Verrucoconiothyrium nitidae</i>	0.01
Helotiales	0.01
Agaricostilbomycetes	0.01
<i>Candida blankii</i>	0.01
<i>Sakaguchia</i> sp.	0.01
<i>Leucosporidium muscorum</i>	0.01
<i>Puccinia coronata</i>	0.01
<i>Sydowia</i> sp.	0.01
<i>Pseudorobillarda</i> sp.	0.01
<i>Cytospora eucalypticola</i>	0.01
<i>Bartalinia robillardoides</i>	0.01
Cystobasidiomycetes	0.01
<i>Malassezia</i> sp.	0.01
<i>Malassezia globosa</i>	0.01
<i>Thelebolus</i> sp.	0.01
<i>Geopyxis</i> sp.	0.01
<i>Heterocephalacria</i> sp.	0.01
<i>Neophaeomoniella niveniae</i>	0.01
Tremellales	0.01
<i>Cryptococcus</i> sp.	0.01
<i>Kwoniella betulae</i>	0.01
<i>Ustilago</i> sp.	0.01
<i>Ramularia plurivora</i>	0.01
<i>Dothiora</i> sp.	0.01
<i>Trichomerium foliicola</i>	0.01
<i>Cryptovalsa ampelina</i>	0.01
<i>Occultifur</i> sp.	0.01
<i>Kalmanozyma</i> sp.	0.01
Miscellaneous unidentified	0.22
Total	100.00

Nail 7

Nail 7. ITS1. Species	% Hits
<i>Arthroderma vanbreuseghemii</i>	98.15
Auriculariales	0.50
Fungi	0.20
<i>Malassezia</i> sp.	0.16
<i>Naganishia</i> sp.	0.10

<i>Malassezia</i> sp.	0.09
Unassigned	0.09
<i>Candida parapsilosis</i>	0.09
<i>Exophiala</i> sp.	0.08
<i>Melissa officinalis</i>	0.05
Malasseziales	0.05
Chaetothyriales	0.05
<i>Candida albicans</i>	0.03
<i>Epicoccum</i> sp.	0.03
<i>Viridiplantae</i>	0.02
<i>Alternaria alternata</i>	0.02
<i>Filobasidium</i> sp.	0.02
<i>Peniophora cinerea</i>	0.02
Basidiomycota	0.02
<i>Cladosporium</i> sp.	0.02
<i>Malassezia globosa</i>	0.01
<i>Rhodotorula</i> sp.	0.01
<i>Ramularia collo-cygni</i>	0.01
<i>Choanephora infundibulifera</i>	0.01
<i>Microdochium</i> sp.	0.01
Ascomycota	0.01
<i>Malassezia sympodialis</i>	0.01
<i>Lophiostoma</i> sp.	0.01
<i>Meruliopsis</i> sp.	0.01
<i>Penicillium corylophilum</i>	0.01
Ceratobasidiaceae	0.01
<i>Malassezia slooffiae</i>	0.01
<i>Penicillium copticola</i>	0.01
<i>Curvibasidium</i> sp.	0.01
<i>Pseudotaeniolina globosa</i>	0.01
<i>Bradomyces</i> sp.	0.01
<i>Trichophyton rubrum</i>	0.01
<i>Filobasidium wieringae</i>	0.01
Miscellaneous unidentified	0.04
Total	100.00

Nail 8

Nail 8. ITS1. Species	% Hits
<i>Acremonium sclerotigenum</i>	79.56
<i>Malassezia</i> sp.	4.25
Unassigned	4.09
<i>Malassezia globosa</i>	3.10
Fungi	2.16
Ascomycota	0.98
<i>Filobasidium</i> sp.	0.71

<i>Trichophyton rubrum</i>	0.51
<i>Epicoccum</i> sp.	0.47
<i>Rhodotorula</i> sp.	0.39
<i>Bjerkandera adusta</i>	0.38
<i>Malassezia obtusa</i>	0.26
<i>Candida parapsilosis</i>	0.22
<i>Alternaria alternata</i>	0.20
<i>Aspergillus parasiticus</i>	0.18
unidentified	0.17
Cladosporiaceae	0.16
<i>Malassezia slooffiae</i>	0.15
Rutstroemiaceae	0.14
<i>Sampaiozyma</i> sp.	0.14
<i>Exophiala cancerae</i>	0.13
<i>Naganishia</i> sp.	0.12
<i>Penicillium</i> sp.	0.12
<i>Cladosporium</i> sp	0.11
<i>Malasseziales</i> sp.	0.11
<i>Cyphellophora europaea</i>	0.08
<i>Fusarium oxysporum</i>	0.08
<i>Penicillium</i> sp.	0.07
<i>Malassezia sympodialis</i>	0.07
<i>Penicillium</i> sp	0.07
<i>Podosphaera pannosa</i>	0.07
<i>Alternaria infectoria</i>	0.06
<i>Bromus ayacuchensis</i>	0.06
<i>Dothiorella viticola</i>	0.06
<i>Cystobasidium</i> sp.	0.06
<i>Trifolium repens</i>	0.05
<i>Talaromyces</i> sp.	0.05
<i>Agrostis stolonifera</i>	0.05
<i>Phacidium</i> sp.	0.05
<i>Vermiconia</i> sp.	0.04
<i>Meira</i> sp.	0.04
<i>Knufia</i> sp.	0.04
<i>Syzygium</i> sp.	0.03
Fungi sp	0.03
<i>Alternaria</i> sp.	0.02
<i>Aspergillus</i> sp.	0.02
<i>Arachis hypogaea</i>	0.02
Hypocreales	0.02
<i>Agrostis castellana</i>	0.01

Myrtaceae	0.01
<i>Golovinomyces orontii</i>	0.01
Poaceae	0.01
<i>Musa balbisiana</i>	0.01
<i>Penicillium amphipolaria</i>	0.01
Total	100.00

Nail 9

Nail 9. ITS1. Species	% Hits
<i>Arthroderma vanbreuseghemii</i>	89.68
Unassigned	2.34
<i>Malassezia</i> sp.	1.68
Malasseziales	1.13
<i>Malassezia obtusa</i>	1.00
Fungi	0.59
<i>Musa</i>	0.45
<i>Malassezia dermatis</i>	0.32
<i>Filobasidium</i> sp.	0.28
Viridiplantae	0.24
<i>Rhodotorula</i> sp.	0.23
<i>Cladosporium sphaerospermum</i>	0.21
Ascomycota	0.18
<i>Acrodontium crateriforme</i>	0.18
<i>Hyphodontia</i> sp.	0.15
<i>Neophaeococcomyces</i> sp.	0.13
<i>Alternaria alternata</i>	0.11
<i>Malassezia</i> sp.	0.09
<i>Candida orthopsilosis</i>	0.07
<i>Pisum</i> sp.	0.06
<i>Filobasidium wieringae</i>	0.06
<i>Syzygium</i> sp.	0.05
<i>Malassezia globosa</i>	0.04
<i>Acremonium sclerotigenum</i>	0.04
<i>Brassica</i> sp.	0.04
<i>Acremonium</i> sp.	0.04
<i>Candida parapsilosis</i>	0.04
Cladosporiaceae	0.03
<i>Cladosporium</i> sp.	0.03
<i>Fusarium oxysporum</i>	0.03
Hypocreales	0.02
<i>Xylodon nespori</i>	0.02
Unidentified	0.02
Hypocreaceae	0.02

<i>Rachicladosporium cboliae</i>	0.02
<i>Exidia glandulosa</i>	0.02
<i>Naganishia</i> sp.	0.02
Pleosporales	0.02
<i>Meira</i> sp.	0.02
<i>Curvibasidium</i> sp.	0.02
<i>Taphrina</i> sp.	0.02
<i>Cystobasidium</i> sp.	0.02
<i>Trametes sanguinea</i>	0.02
<i>Malassezia slooffiae</i>	0.02
<i>Cutaneotrichosporon dermatis</i>	0.02
Eukaryota kgd Incertae sedis	0.02
<i>Stereum subtomentosum</i>	0.01
Fungi	0.01
<i>Neocucurbitaria unguis-hominis</i>	0.01
<i>Penicillium copticola</i>	0.01
<i>Candida albicans</i>	0.01
<i>Botrytis cinerea</i>	0.01
<i>Polypogon</i> sp.	0.01
<i>Phoma herbarum</i>	0.01
<i>Leptospermum</i> sp.	0.01
<i>Seimatosporium eucalypti</i>	0.01
<i>Camellia hongkongensis</i>	0.01
<i>Symmetrospora</i> sp.	0.01
<i>Epicoccum</i> sp.	0.01
<i>Penicillium</i> sp.	0.01
<i>Rhodosporidiobolus colostri</i>	0.01
<i>Melissa officinalis</i>	0.01
<i>Tetradium ruticarpum</i>	0.01
<i>Cryptococcus uniguttulatus</i>	0.01
Miscellaneous unidentified	0.02
Total	100.00

Nail 10

Nail 10. ITS1. Species	% Hits
<i>Fusarium oxysporum</i>	70.98
<i>Arthroderma vanbreuseghemii</i>	26.49
<i>Malassezia</i> sp.	1.60
<i>Malassezia slooffiae</i>	0.20
<i>Malassezia globosa</i>	0.08
Fungi	0.07
Unassigned	0.06
<i>Pseudopithomyces chartarum</i>	0.06
Malasseziales	0.04

<i>Hyphodontia</i> sp.	0.03
Eukaryota kgd Incertae sedis	0.03
<i>Filobasidium</i> sp.	0.03
<i>Anthophyta</i> sp.	0.03
<i>Malassezia sympodialis</i>	0.02
<i>Trichophyton rubrum</i>	0.02
Lycoperdaceae	0.02
Pleosporales	0.02
<i>Trechispora</i> sp.	0.02
Agaricomycetes	0.02
<i>Rhodotorula</i> sp.	0.02
<i>Candida parapsilosis</i>	0.01
<i>Apiotrichum</i> sp.	0.01
<i>Xylodon rimosissimus</i>	0.01
<i>Xylodon nespori</i>	0.01
<i>Meira</i> sp.	0.01
<i>Naganishia</i> sp.	0.01
<i>Cladosporium sphaerospermum</i>	0.01
<i>Acrodontium crateriforme</i>	0.01
<i>Ramularia plurivora</i>	0.01
<i>Alternaria alternata</i>	0.01
<i>Malassezia</i> sp.	0.01
<i>Sarocladium</i> sp	0.01
<i>Melissa officinalis</i>	0.01
<i>Cladosporium aggregatocicatricatum</i>	0.01
Miscellaneous unidentified	0.04
Total	100.00

Nail 11

Nail 11 (Control 1) ITS1. Species	% Hits
<i>Fusarium oxysporum</i>	90.49
<i>Malassezia</i> sp.	1.91
<i>Epicoccum</i> sp.	1.86
<i>Aspergillus</i> sp.	1.71
Pleosporales	0.46
<i>Melissa officinalis</i>	0.37
<i>Malassezia</i> sp.	0.35
Unassigned	0.34
<i>Acer saccharinum</i>	0.30
<i>Coprinellus micaceus</i>	0.21
Cladosporiaceae	0.20

<i>Trichophyton rubrum</i>	0.18
<i>Acremonium</i> sp.	0.17
<i>Candida parapsilosis</i>	0.17
Fungi	0.12
<i>Malassezia slooffiae</i>	0.12
<i>Arthroderma vanbreuseghemii</i>	0.08
Ascomycota	0.08
<i>Penicillium</i> sp.	0.07
<i>Candida albicans</i>	0.06
<i>Cladosporium</i> sp.	0.06
<i>Glycine max</i>	0.06
<i>Botrytis cinerea</i>	0.05
<i>Rhodotorula</i> sp.	0.05
<i>Fusicolla</i> sp.	0.04
Meripilaceae	0.04
<i>Crepidotus</i>	0.04
<i>Malassezia furfur</i>	0.04
<i>Malassezia globosa</i>	0.03
<i>Chaetomella</i> sp.	0.03
<i>Sampaiozyma</i> sp.	0.02
Eurotiomycetes	0.02
<i>Naganishia</i> sp.	0.02
<i>Hymenochaete</i> sp.	0.02
<i>Penicillium brevicompactum</i>	0.02
<i>Malassezia sympodialis</i>	0.02
Ceratobasidiaceae	0.01
Agaricomycetes	0.01
Saccharomycetales	0.01
<i>Penicillium corylophilum</i>	0.01
<i>Periconia</i> sp.	0.01
<i>Candida zeylanoides</i>	0.01
<i>Leptospermum</i> sp.	0.01
<i>Callistemon</i> sp.	0.01
<i>Pyrenophora pseudoerythrospila</i>	0.01
Hyaloscyphaceae	0.01
Viridiplantae	0.01
<i>Cladosporium sphaerospermum</i>	0.01
<i>Dissoconium</i> sp/	0.01
<i>Brassica rapa</i>	0.01
Eurotiomycetes	0.01
<i>Peniophorella praetermissa</i>	0.01
Eukaryota kgd Incertae sedis	0.01

Anthophyta	0.01
<i>Acremonium</i> sp.	0.01
<i>Brassica</i> sp.	0.01
Miscellaneous unidentified	0.04
Total	100.00

Nail 12

Nail 12. ITS1. Species	% Hits
<i>Arthroderma vanbreuseghemii</i>	95.03
<i>Malassezia</i> sp.	0.88
<i>Filobasidium</i> sp.	0.79
<i>Alternaria alternata</i>	0.57
<i>Filobasidium oeirense</i>	0.55
Unassigned	0.47
<i>Naganishia</i> sp.	0.47
Cladosporiaceae	0.38
<i>Rhodotorula</i> sp	0.17
Fungi	0.10
<i>Ustilago</i> sp.	0.07
Tremellomycetes	0.06
<i>Protomyces</i> sp.	0.05
<i>Papiliotrema frias</i>	0.05
<i>Malassezia globosa</i>	0.04
<i>Melissa officinalis</i>	0.04
<i>Botrytis cinerea</i>	0.03
Malasseziales	0.03
Aspergillaceae	0.02
Lophiostomataceae	0.02
Ascomycota	0.02
<i>Cladosporium</i> sp.	0.02
<i>Aspergillus</i> sp.	0.02
<i>Amorphotheca</i> sp.	0.02
<i>Malassezia slooffiae</i>	0.01
<i>Vishniacozyma</i> sp.	0.01
<i>Barnettozyma californica</i>	0.01
<i>Cystobasidium</i> sp.	0.01
<i>Debaryomyces hansenii</i>	0.01
<i>Meyerozyma guilliermondii</i>	0.01
<i>Tausonia pullulans</i>	0.01
Capnodiales	0.01
Miscellaneous unidentified	0.01
Total	100.00

Nail 13

Nail 13. ITS1. Species	% Hits
<i>Trichophyton rubrum</i>	99.07
<i>Malassezia</i> sp.	0.22
Viridiplantae	0.13
<i>Brassica</i> sp.	0.10
Fungi	0.10
Cladosporiaceae	0.08
Pleosporales	0.03
<i>Rhodosporidiobolus colostri</i>	0.03
Unidentified	0.03
<i>Filobasidium oeirense</i>	0.02
<i>Candida parapsilosis</i>	0.02
Pleosporales	0.02
Unassigned	0.02
<i>Udeniomyces</i> sp.	0.02
<i>Arctotis</i> sp.	0.02
Plectosphaerellaceae	0.02
<i>Alternaria</i> sp.	0.01
<i>Lolium multiflorum</i>	0.01
<i>Alternaria infectoria</i>	0.01
<i>Botrytis cinerea</i>	0.01
Ascomycota	0.01
<i>Fonsecazyma mujuensis</i>	0.01
<i>Sampaiozyma</i> sp.	0.01
Miscellaneous unidentified	0.01
Total	100.00

Nail 14

Nail 14. ITS1. Species	% Hits
<i>Trichophyton rubrum</i>	99.53
Fungi	0.10
Cladosporiaceae	0.06
<i>Alternaria alternata</i>	0.05
Ascomycota	0.03
Pleosporales	0.03
<i>Alternaria tumida</i>	0.02
Unassigned	0.02
<i>Malassezia</i> sp.	0.02
Viridiplantae	0.01
Dothideomycetes	0.01
<i>Ustilago</i> sp.	0.01
<i>Exophiala cancerae</i>	0.01

<i>Cladophialophora boppii</i>	0.01
<i>Golovinomyces orontii</i>	0.01
<i>Epicoccum</i> sp.	0.01
Hymenochaetales	0.01
Eukaryota kgd Incertae sedis	0.01
<i>Rhodotorula</i> sp.	0.01
<i>Filobasidium wieringae</i>	0.01
<i>Acrodontium crateriforme</i>	0.01
<i>Candida parapsilosis</i>	0.01
Miscellaneous unidentified	0.04
Total	100.00

Nail 15

Nail 15. ITS1. Species	% Hits
<i>Trichophyton rubrum</i>	98.80
Cladosporiaceae	0.23
<i>Agaricus bisporus</i>	0.15
Fungi	0.11
<i>Malassezia</i> sp.	0.09
Unassigned	0.07
<i>Filobasidium oeirense</i>	0.05
Ascomycota	0.05
<i>Ustilago</i> sp.	0.05
<i>Filobasidium</i> sp	0.04
Pleosporales	0.04
<i>Alternaria alternata</i>	0.04
<i>Alternaria</i> sp.	0.03
Eukaryota kgd Incertae sedis	0.03
Viridiplantae	0.02
<i>Epicoccum</i> sp.	0.02
<i>Candida parapsilosis</i>	0.01
Phaeosphaeriaceae	0.01
Malasseziales	0.01
<i>Thanatephorus</i> sp.	0.01
<i>Curvularia coatesiae</i>	0.01
<i>Naganishia</i> sp.	0.01
<i>Fusarium oxysporum</i>	0.01
<i>Phlogicylindrium</i> sp.	0.01
<i>Phialemonium inflatum</i>	0.01
<i>Pyrenophora seminiperda</i>	0.01
<i>Neophaeococcomyces</i> sp.	0.01
Tremellomycetes	0.01

<i>Acrodontium crateriforme</i>	0.01
<i>Cystobasidium</i> sp.	0.01
<i>Cystofilobasidium</i> sp.	0.01
Miscellaneous unidentified	0.06
Total	100.00

Nail 16

Nail 16. ITS1. Species	% Hits
<i>Arthroderma vanbreuseghemii</i>	92.08
Ascomycota	2.02
<i>Trifolium repens</i>	1.35
Fungi	0.92
<i>Gelidatrema</i> sp.	0.82
<i>Meyerozyma guilliermondii</i>	0.46
<i>Filobasidium wieringae</i>	0.38
<i>Malassezia</i> sp.	0.32
<i>Exophiala</i> sp.	0.28
<i>Candida parapsilosis</i>	0.19
Eukaryota kgd Incertae sedis	0.13
Unassigned	0.10
<i>Erythrobasidium</i> sp.	0.09
<i>Rhodotorula</i> sp.	0.08
<i>Ustilago</i> sp.	0.07
<i>Filobasidium</i> sp.	0.05
<i>Epicoccum</i> sp.	0.05
<i>Cystobasidium laryngis</i>	0.05
<i>Acrodontium crateriforme</i>	0.05
<i>Penicillium brevicompactum</i>	0.05
Lasiosphaeriaceae	0.04
<i>Alternaria alternata</i>	0.04
Cladosporiaceae	0.03
<i>Malassezia obtusa</i>	0.03
<i>Acremonium zonatum</i>	0.03
<i>Alternaria eureka</i>	0.02
<i>Leucosporidium</i> sp.	0.02
<i>Genolevuria</i> sp.	0.02
<i>Holtermanniella</i> sp.	0.02
Fungi	0.02
Dothioraceae	0.02
Capnodiales	0.02
Agaricales	0.02

<i>Penicillium corylophilum</i>	0.01
<i>Metarhizium anisopliae</i>	0.01
<i>Hormonema</i> sp.	0.01
<i>Fonsecazyma mujuensis</i>	0.01
<i>Alternaria</i> sp.	0.01
<i>Knufia</i> sp.	0.01
<i>Phacidium</i> sp.	0.01
<i>Pleurotheciella</i> sp.	0.01
<i>Trichophyton rubrum</i>	0.01
<i>Penicillium</i> sp.	0.01
<i>Hanseniaspora uvarum</i>	0.01
Miscellaneous unidentified	0.01
Total	100.00

Nail 17

Nail 17. ITS1. Species	% Hits
<i>Arthroderma vanbreuseghemii</i>	97.45
Cladosporiaceae	0.68
Fungi	0.33
<i>Alternaria alternata</i>	0.32
Unassigned	0.30
<i>Candida parapsilosis</i>	0.30
<i>Malassezia</i> sp.	0.19
<i>Epicoccum</i> sp.	0.10
<i>Filobasidium</i> sp.	0.07
<i>Exophiala castellanii</i>	0.05
<i>Penicillium</i> sp.	0.04
<i>Aspergillus</i> sp.	0.03
<i>Devriesia pseudoamericana</i>	0.03
Ascomycota	0.02
<i>Gelidatrema</i> sp.	0.02
Tremellomycetes	0.02
Pleosporales	0.01
Fungi	0.01
<i>Exophiala oligosperma</i>	0.01
<i>Eucalyptus perriniana</i>	0.01
<i>Leucosporidium</i> sp.	0.01
<i>Melissa officinalis</i>	0.01
Miscellaneous unidentified	0.01
Total	100.00

Nail 18

Nail 18. ITS1. Species	% Hits
<i>Trichophyton rubrum</i>	85.04
<i>Malassezia</i> sp.	3.20
<i>Solanum lycopersicum</i>	1.57
Fungi	1.35
Cladosporiaceae	0.98
<i>Filobasidium</i> sp.	0.93
Unassigned	0.69
<i>Rhodotorula</i> sp.	0.65
<i>Malassezia obtusa</i>	0.45
Ascomycota	0.41
Malasseziales	0.40
<i>Malassezia globosa</i>	0.40
<i>Alternaria alternata</i>	0.36
<i>Mucor</i> sp.	0.23
<i>Debaryomyces hansenii</i>	0.19
<i>Naganishia</i> sp.	0.18
<i>Alternaria hyacinthi</i>	0.17
<i>Epicoccum</i> sp.	0.16
<i>Stemphylium eturmiunum</i>	0.15
Unidentified	0.13
<i>Ustilago</i> sp.	0.12
<i>Alternaria</i> sp.	0.11
<i>Stachybotrys chartarum</i>	0.09
<i>Basidiobolus ranarum</i>	0.09
<i>Candida parapsilosis</i>	0.09
<i>Penicillium</i> sp.	0.08
<i>Alternaria infectoria</i>	0.07
<i>Botrytis cinerea</i>	0.07
<i>Filobasidium oeirense</i>	0.07
<i>Aspergillus</i> sp.	0.07
<i>Malassezia furfur</i>	0.07
<i>Tausonia pullulans</i>	0.07
<i>Phoma herbarum</i>	0.06
Viridiplantae	0.06
Pleosporales	0.05
<i>Arctotis</i> sp.	0.05
<i>Cryptococcus uniguttulatus</i>	0.05
<i>Botryotrichum murorum</i>	0.04
<i>Fusariella</i> sp.	0.04

<i>Papiliotrema frias</i>	0.04
<i>Acrodontium crateriforme</i>	0.04
<i>Catenaria</i> sp.	0.03
<i>Cladosporium sphaerospermum</i>	0.03
<i>Cladosporium</i> sp.	0.03
Herpotrichiellaceae	0.03
<i>Phialemonium inflatum</i>	0.02
<i>Phoma</i> sp.	0.02
<i>Udeniomyces</i> sp.	0.02
<i>Brassica rapa</i>	0.02
<i>Podosphaera pannosa</i>	0.02
<i>Ophiobolus disseminans</i>	0.02
<i>Fusarium oxysporum</i>	0.02
Helotiales	0.02
<i>Holtermanniella</i> sp.	0.02
<i>Pseudopithomyces chartarum</i>	0.02
Pleosporales	0.02
<i>Penicillium copticola</i>	0.02
<i>Penicillium corylophilum</i>	0.02
<i>Lectera colletotrichoides</i>	0.02
<i>Mucor hiemalis</i>	0.02
<i>Rhopalosiphum</i> sp.	0.02
<i>Lolium multiflorum</i>	0.02
<i>Cyphellophora</i> sp.	0.02
<i>Neophaeococcoomyces</i> sp.	0.02
<i>Exophiala cancerae</i>	0.02
<i>Malassezia slooffiae</i>	0.02
<i>Melissa officinalis</i>	0.01
<i>Cladosporium dominicanum</i>	0.01
Fungi	0.01
<i>Penicillium brevicompactum</i>	0.01
<i>Paspalum</i> sp.	0.01
<i>Toxicocladosporium irritans</i>	0.01
<i>Alternaria eureka</i>	0.01
<i>Rhodotorula diobovata</i>	0.01
Sporidiobolaceae	0.01
<i>Thelebolus</i> sp.	0.01
Plectosphaerellaceae	0.01
<i>Cladosporium aggregatocicatricatum</i>	0.01
Sordariomycetes	0.01
<i>Filobasidium wieringae</i>	0.01

<i>Rosa</i> sp.	0.01
<i>Veronica</i> sp.	0.01
Curcubitaceae	0.01
<i>Scedosporium boydii</i>	0.01
<i>Eutypella</i> sp.	0.01
<i>Sonchus</i> sp.	0.01
<i>Hordeum</i> sp.	0.01
<i>Meyerozyma guilliermondii</i>	0.01
<i>Microascus brevicaulis</i>	0.01
<i>Symmetrospora foliicola</i>	0.01
Tremellomycetes	0.01
<i>Paraphaeosphaeria michotii</i>	0.01
<i>Chaetosphaeronema hispidulum</i>	0.01
<i>Pyrenophora teres</i>	0.01
<i>Sonchus</i> sp.	0.01
<i>Agaricus</i> sp.	0.01
<i>Scopulariopsis</i> sp.	0.01
<i>Issatchenkia orientalis</i>	0.01
<i>Vishniacozyma carnescens</i>	0.01
<i>Wallemia sebi</i>	0.01
<i>Persicaria chinensis</i>	0.01
<i>Alternaria</i> sp.	0.01
Miscellaneous unidentified	0.05
Total	100.00

Nail 19

Nail 19. ITS1. Species	% Hits
<i>Arthroderma vanbreuseghemii</i>	54.39
<i>Fusicolla</i> sp.	45.28
<i>Alternaria alternata</i>	0.06
Fungi	0.06
<i>Epicoccum</i> sp.	0.04
<i>Candida parapsilosis</i>	0.04
Unassigned	0.02
Cladosporiaceae	0.02
<i>Rhodotorula</i> sp.	0.01
<i>Ascomycota</i> sp.	0.01
Pleosporales	0.01
<i>Malassezia obtusa</i>	0.01
<i>Malassezia</i> sp.	0.01
<i>Naganishia</i> sp.	0.01

<i>Cutaneotrichosporon dermatis</i>	0.01
<i>Cladosporium dominicanum</i>	0.01
Unidentified	0.01
Total	100.00

Nail 20

Nail 20 (Control 2). ITS1. Species	% Hits
Unassigned (93.1% match with <i>Malassezia slooffiae</i> (NCBI))	96.23
<i>Arthroderma vanbreuseghemii</i>	1.59
<i>Malassezia</i> sp.	1.59
Fungi	0.14
Cladosporiaceae	0.10
<i>Epicoccum</i> sp.	0.05
<i>Malassezia</i> sp.	0.04
<i>Alternaria alternata</i>	0.03
<i>Naganishia</i> sp.	0.03
Pleosporales	0.03
Phaeosphaeriaceae	0.02
<i>Rhodotorula</i> sp.	0.02
<i>Ceratobasidium</i> sp.	0.01
Ascomycota	0.01
<i>Stemphylium eturmiunum</i>	0.01
Fungi	0.01
Dothideomycetes	0.01
<i>Phaeosphaeriopsis</i> sp.	0.01
<i>Alternaria tumida</i>	0.01
<i>Toxicocladosporium irritans</i>	0.01
<i>Paraphaeosphaeria michotii</i>	0.01
<i>Candida parapsilosis</i>	0.01
<i>Filobasidium</i> sp.	0.01
Miscellaneous unidentified	0.06
Total	100.00