



List of species and strains available in the sets of strains

1. Teaching Set BCCM « Morphology »
<i>Alternaria arborescens</i>
<i>Aspergillus fumigatus</i>
<i>Aspergillus nidulans</i>
<i>Botrytis cinerea</i>
<i>Candida albicans</i>
<i>Cephalotrichum domesticum</i>
<i>Chaetomium globosum</i>
<i>Cladosporium sphaerospermum</i>
<i>Epicoccum italicum</i>
<i>Exophiala dermatitidis</i>
<i>Fusarium oxysporum</i>
<i>Galactomyces candidum</i>
<i>Lichtheimia corymbifera</i>
<i>Microsporum canis</i>
<i>Paraphoma fimeti</i>
<i>Penicillium rubens</i>
<i>Rhizopus arrhizus</i>
<i>Scopulariopsis brevicaulis</i>
<i>Sporidiobolus salmonicolor</i>
<i>Sporothrix schenckii</i>
<i>Stachybotris chartarum</i>
<i>Sydowia polyspora</i>
<i>Syncephalastrum monosporum</i>
<i>Trichothecium roseum</i>
2. Teaching Set BCCM « Clinical »
2.1 Subset Filamentous Fungi
<i>Alternaria alternata</i>
<i>Aspergillus flavus</i>
<i>Aspergillus fumigatus</i>
<i>Aspergillus nidulans</i>
<i>Aspergillus niger</i>
<i>Aspergillus terreus</i>
<i>Cladosporium sphaerospermum</i>
<i>Exophiala dermatitidis</i>
<i>Fusarium oxysporum</i>
<i>Galactomyces candidum</i>
<i>Lichtheimia corymbifera</i>
<i>Lomentospora prolificans</i>
<i>Mucor circinelloides</i>
<i>Onychocola canadensis</i>
<i>Paecilomyces variotii</i>

Penicillium rubens
Phialophora americana
Rhizomucor pusillus
Rhizopus arrhizus
Sarocladium strictum
Scedosporium apiospermum
Scopulariopsis brevicaulis
Sporothrix schenckii
Trichoderma viridarium

2.2 Subset Yeasts

Candida albicans
Candida glabrata
Candida tropicalis
Clavispora lusitaniae
Cryptococcus gattii
Cryptococcus neoformans var. grubii
Cryptococcus neoformans var. neoformans
Cutaneotrichosporon mucoides
Magnusiomyces capitatus
Malassezia furfur
Pichia kudriavzevii
Rhodotorula mucilaginosa

2.3 Subset Dermatophytes

Epidermophyton floccosum
Microsporium audouinii
Microsporium canis
Nannizzia gypsea
Paraphyton cookei
Trichophyton interdigitale
Trichophyton mentagrophytes
Trichophyton rubrum
Trichophyton schoenleinii
Trichophyton tonsurans
Trichophyton verrucosum
Trichophyton violaceum

3. Custom Validation Set BCCM

3.1 Filamentous Fungi

Species	n° IHM		
Acrostalagmus luteoalbus	1060	2542	5166
Alternaria section Alternata	2505	3123	19366
Alternaria section Infectoriae	20305	21324	25840
Aspergillus flavus	306	3790	25132
Aspergillus fumigatus	4748	13934	19376
Aspergillus nidulans	3563	4190	6365
Aspergillus niger	2951	3415	4023
Aspergillus terreus	2499	5867	25475
Aureobasidium melanogenum	5765	6042	18556
Cladosporium sphaerospermum	17164	18883	25311
Exophiala dermatitidis	6077	23244	23440
Fusarium oxysporum species complex	3798	9571	9795
Fusarium solani species complex	17824	18489	25714
Lichtheimia corymbifera	5690	16288	21658
Lomentospora prolificans	5739	21157	26080
Mucor circinelloides	21426	23437	24129
Neoscytalidium dimidiatum	15934	22782	25670
Onychocola canadensis	10093	10175	10179

Paecilomyces variotii	3998	16060	
Penicillium chrysogenum	1331	6360	
Rhinocladiella similis	2509	21527	
Rhizomucor pusillus	16462	21236	22779
Rhizopus arrhizus	5233	6016	23389
Scedosporium apiospermum	14754	15149	24840
Scopulariopsis brevicaulis	1620	1880	2150
Trichoderma longibrachiatum	5266	5747	22791

3.2 Yeasts

Species	n° IHEM		
Candida albicans	3731	3742	9863
Candida allociferii	1084	6633	8023
Candida dubliniensis	14280	16425	16721
Candida glabrata	19218	19370	19663
Candida metapsilosis	6391	6395	23054
Candida parapsilosis	3270	7464	9557
Candida orthopsilosis	17524	20150	25740
Candida tropicalis	6142	6170	10285
Clavispora lusitaniae	4672	10294	14657
Cryptococcus gattii	4164	11489	11798
Cryptococcus neoformans var. grubii	9558	10244	
Cryptococcus neoformans var. neoformans	4162	4163	4165
Cutaneotrichosporon dermatis	14146	14692	26250
Kluyveromyces marxianus	363	15940	1779
Magnusiomyces capitatus	5722	17457	
Malassezia furfur	3967	4264	9481
Malassezia sympodialis	3965	19960	20296
Meyerozyma guilliermondii	2289	2920	19923
Pichia kudriavzevii	9560	18553	26047
Rhodotorula mucilaginosa	18459	25105	25709
Trichosporon asahii	17910	17912	24180
Trichosporon japonicum	5866	9332	10214
Yarrowia lipolytica	1825	1958	4809

3.3 Dermatophytes

Species	n° IHEM		
Arthroderma uncinatum	17776	19678	19681
Epidermophyton floccosum	6832	20039	20040
Microsporum audouinii	2214	10316	13497
Microsporum canis	2548	2716	3109
Nannizzia gypsea	4208	22493	25157
Nannizzia persicolor	13637	13643	17950
Trichophyton equinum	4726	9565	13452
Trichophyton erinacei	20118	24911	
Trichophyton interdigitale	1210	2497	3720
Trichophyton mentagrophytes	4268	4270	
Trichophyton rubrum	13809	19045	19060
Trichophyton schoenleinii	5232	13512	13515
Trichophyton simii	4420	4421	25456
Trichophyton tonsurans	15472	19736	23483
Trichophyton violaceum	10480	13461	

4. MALDI-TOF Validation Set BCCM

4.1 Subset Yeasts

Candida albicans
Candida dubliniensis
Candida glabrata
Candida metapsilosis
Candida orthopsilosis
Candida parapsilosis
Candida tropicalis
Clavispora lusitaniae
Cryptococcus deneoformans

Malassezia globosa
Meyerozyma guilliermondii
Pichia kudriavzevii
4.2 Subset Filamentous Fungi
Aspergillus fumigatus
Aspergillus niger
Epidermophyton floccosum
Fusarium nirenbergiae (F. oxysporum complex)
Microsporium audouinii
Microsporium canis
Mucor circinelloides
Nannizzia praecox
Neoscytalidium dimidiatum
Rhizopus arrhizus
Scedosporium apiospermum
Scopulariopsis brevicaulis
Trichophyton mentagrophytes
Trichophyton benhamiae
Trichophyton indotineae
Trichophyton interdigitale
Trichophyton rubrum
Trichophyton soudanense
Trichophyton tonsurans
Trichophyton violaceum
Trichosporon asahii