

# Microbial Identification Databases for Biolog Systems

Biolog's powerful substrate utilization technology accurately identifies environmental and pathogenic microorganisms by producing a characteristic pattern, or "metabolic fingerprint," from discrete test reactions performed within a 96 well microplate. Culture suspensions are tested with a panel of pre-selected carbon sources and compared against 2,900+ identification profiles of organisms of interest in diverse fields of microbiology. Five databases are available for a broad spectrum of aerobic and anaerobic bacteria, yeasts and filamentous fungi.

## GENIII AEROBIC BACTERIA (1568 taxa)

Achromobacter cholinophagum	Actinobacillus ureae	Avibacterium avium
Achromobacter denitrificans/ruhlantii	Actinomyces bovis	Avibacterium gallinarum
Achromobacter insolitus	Actinomyces canis	Avibacterium paragallinarum
Achromobacter piechaudii	Actinomyces hordeovulneris	Avibacterium volantium
Achromobacter ruhlantii/denitrificans	Actinomyces hyovaginalis	Azospirillum brasilense
Achromobacter spanius	Actinomyces neuui ss anitratus	Azospirillum lipoferum
Achromobacter xylosoxidans ss xylosoxidans	Actinomyces neuui ss neuui	Bacillus acidiceleler
Acidovorax anthurii	Actinomyces odontolyticus	Bacillus acidicola
Acidovorax avenae ss avenae	Advenella incenata	Bacillus agaradhaerens
Acidovorax cattleyae	Aerococcus christensenii	Bacillus amyloliquefaciens
Acidovorax citrulli	Aerococcus sanguinicola	Bacillus aquimaris
Acidovorax delafieldii	Aerococcus suis	Bacillus atrophaeus/subtilis A
Acidovorax facilis (26C)	Aerococcus urinae	Bacillus atrophaeus/subtilis B
Acidovorax konjaci	Aerococcus urinaeequi	Bacillus azotoformans
Acidovorax temperans	Aerococcus urinaehominis	Bacillus badius
Acinetobacter baumannii/pittii	Aerococcus viridans	Bacillus bataviensis
Acinetobacter baylyi	Aeromonas allosaccharophila	Bacillus butanolivorans/simplex
Acinetobacter beijerinckii	Aeromonas bestiarum	Bacillus carboniphilus
Acinetobacter bereziniae	Aeromonas caviae	Bacillus cecembensis (Bhargavaea)
Acinetobacter bouvetii	Aeromonas encheleia	Bacillus cereus/thuringiensis
Acinetobacter calcoaceticus	Aeromonas enteropelogenes	Bacillus cibi
Acinetobacter calcoaceticus bv anitratus	Aeromonas eucrenophila	Bacillus circulans
Acinetobacter genomospecies 14TU	Aeromonas hydrophila ss hydrophila	Bacillus clausii
Acinetobacter genomospecies 15TU	Aeromonas ichthiosmia	Bacillus coagulans
Acinetobacter genomospecies 6	Aeromonas jandaei	Bacillus cohnii
Acinetobacter gernerii	Aeromonas media	Bacillus decisifrondis (Lysinibacillus)
Acinetobacter guillouiae	Aeromonas popoffii	Bacillus decolorationis
Acinetobacter gyllenbergii	Aeromonas salmonicida ss achromogenes	Bacillus drentensis
Acinetobacter haemolyticus	Aeromonas salmonicida ss masoucida	Bacillus endophyticus
Acinetobacter johnsonii	Aeromonas salmonicida ss pectinolytica	Bacillus farraginis
Acinetobacter junii	Aeromonas salmonicida ss salmonicida	Bacillus fastidiosus
Acinetobacter lwoffii	Aeromonas schubertii	Bacillus firmus
Acinetobacter nosocomialis	Aeromonas sobria	Bacillus flexus
Acinetobacter parvus	Aeromonas veronii	Bacillus foraminis
Acinetobacter pittii/baumannii	Aggregatibacter actinomycetemcomitans	Bacillus fordii
Acinetobacter radioresistens	Aggregatibacter aphrophilus	Bacillus fortis
Acinetobacter schindleri	Aggregatibacter segnis	Bacillus funiculus
Acinetobacter soli	Alcaligenes faecalis ss faecalis	Bacillus galactosidilyticus
Acinetobacter tandoii	Aliivibrio fischeri (26C)	Bacillus gibsonii/murimartini
Acinetobacter tjernbergiae	Alloiococcus otitis	Bacillus ginsengihumi
Acinetobacter towneri	Alysiella crassa	Bacillus halmapalus
Acinetobacter ursingii	Alysiella filiformis	Bacillus halodurans
Acinetobacter venetianus	Aminobacter aminovorans	Bacillus horikoshii
Actinobacillus capsulatus	Aneurinibacillus aneurinilyticus	Bacillus humi
Actinobacillus equuli ss equuli	Aneurinibacillus danicus	Bacillus hwajinpoensis
Actinobacillus equuli ss haemolyticus	Aneurinibacillus migulanus	Bacillus idriensis
Actinobacillus hominis	Aquaspirillum putridiconchylum	Bacillus indicus
Actinobacillus indolicus	Arcanobacterium haemolyticum	Bacillus infantis
Actinobacillus lignieresii/pleuropneumoniae	Arcanobacterium hippocoleae	Bacillus jeotgali/selenatarsenatis
Actinobacillus minor	Arcanobacterium phocae	Bacillus kribbensis
Actinobacillus muris	Arcanobacterium pluranimalium	Bacillus krulwichiae
Actinobacillus pleuropneumoniae/lignieresii	Arthrobacter cumminsii	Bacillus lehensis
Actinobacillus porcinus	Arthrobacter globiformis	Bacillus lentus (26C)
Actinobacillus porcitosillarum	Arthrobacter histidinovorans	Bacillus licheniformis
Actinobacillus rossii	Arthrobacter ilicis	Bacillus litoralis
Actinobacillus seminis	Arthrobacter nicotianae	Bacillus luciferensis
Actinobacillus succinogenes	Arthrobacter oxydans	
Actinobacillus suis	Arthrobacter woluwensis	



Learn more at [biolog.com](https://www.biolog.com)

(Microbial ID Products Not For Human *In Vitro* Diagnostic Use)

## GENIII AEROBIC

Bacillus macauensis  
Bacillus marisflavi  
Bacillus megaterium  
Bacillus mojavensis/subtilis  
Bacillus muralis  
Bacillus murimartini/gibsonii  
Bacillus mycoides/cereus  
BacillusNealsonii  
Bacillus niabensis  
Bacillus niacini  
Bacillus novalis  
Bacillus okuhidensis  
Bacillus oleronius  
Bacillus oshimensis  
Bacillus panaciterrae  
Bacillus patagoniensis  
Bacillus plakortidis  
Bacillus pseudomycooides/cereus  
Bacillus psychrosaccharolyticus (26C)  
Bacillus pumilus/safensis  
Bacillus ruris  
Bacillus safensis/pumilus  
Bacillus selenatarsenatis/jeotgali  
Bacillus seohaeanensis  
Bacillus shackletonii  
Bacillus simplex/butanolivorans  
Bacillus siralis  
Bacillus soli  
Bacillus sonorensis  
Bacillus sporothermodurans  
Bacillus subterraneus  
Bacillus subtilis ss spizizenii  
Bacillus subtilis ss subtilis  
Bacillus taeaanensis  
Bacillus thuringiensis/cereus  
Bacillus vallismortis/subtilis  
Bacillus vietnamensis  
Bacillus vireti  
Bacillus weihenstephanensis/cereus  
Balneatrix alpica  
Basfia succiniciproducens  
Bergeyella denitrificans  
Bergeyella zoohelcum  
Bhargavaea beijingensis  
Bhargavaea ginsengi  
Bibersteinia trehalosi  
Bordetella avium B  
ordetella bronchiseptica  
Bordetella hinzii  
Bordetella holmesii  
Bordetella parapertussis  
Bordetella petrii  
Bordetella trematum  
Brachybacterium alimentarium  
Brachybacterium conglomeratum  
Brachybacterium faecium  
Brachybacterium fresconis (26C)  
Brachybacterium muris  
Brachybacterium nesterenkovi  
Brachybacterium paraconglomeratum  
Brachybacterium phenoliresistens  
Brachybacterium rhamnosum  
Brachybacterium sacelli (26C)  
Brachybacterium tyrofermentans  
Brachybacterium zhongshanense  
Brachymonas denitrificans  
Brackiella oedipodis  
Brenneria alni  
Brenneria nigrifluens B  
renneria rubrifaciens  
Brenneria salicis  
Brevibacillus agri  
Brevibacillus borstelensis  
Brevibacillus brevis  
Brevibacillus formosus  
Brevibacillus invocatus  
Brevibacillus laterosporus  
Brevibacillus panacihumi  
Brevibacillus parabrevis  
Brevibacillus reuszeri  
Brevibacterium casei  
Brevibacterium epidermidis  
Brevibacterium linens  
Brevibacterium mcbrellneri  
Brevibacterium otitidis  
Brevibacterium paucivorans  
Brevibacterium sanguinis  
Brevundimonas alba  
Brevundimonas diminuta  
Brevundimonas vancouverii  
Brevundimonas vesicularis  
Brochothrix campestris  
Brochothrix thermosphacta  
Budvicia aquatica  
Burkholderia ambifaria/cepacia  
Burkholderia anthina  
Burkholderia cenocepacia  
Burkholderia cepacia/ambifaria  
Burkholderia contaminans  
Burkholderia dolosa  
Burkholderia gladioli pv gladioli  
Burkholderia glumae  
Burkholderia multivorans  
Burkholderia plantarii  
Burkholderia pyrrocinia/cepacia  
Burkholderia stabilis/cepacia  
Burkholderia vietnamiensis  
Buttiauxella agrestis  
Buttiauxella brennerae  
Buttiauxella ferruginea  
Buttiauxella gaviniae  
Buttiauxella izardii  
Buttiauxella noackiae  
Buttiauxella warmboldiae  
Campylobacter jejuni/coli  
Capnocytophaga canimorsus  
Capnocytophaga cynodegmi  
Capnocytophaga gingivalis  
Capnocytophaga granulosa  
Capnocytophaga haemolytica  
Capnocytophaga ochracea/sputigena  
Cardiobacterium hominis  
Carnobacterium alterfunditum (26C)  
Carnobacterium divergens  
Carnobacterium gallinarum  
Carnobacterium inhibens  
Carnobacterium maltaromaticum  
Carnobacterium mobile  
Castellaniella defragrans  
Castellaniella denitrificans  
Castellaniella ginsengisoli  
Cedecea davisae  
Cedecea lapagei  
Cedecea neteri  
Cellulomonas biazotea  
Cellulomonas cellasea  
Cellulomonas denverensis  
Cellulomonas fimi  
Cellulomonas flavigena  
Cellulomonas gelida  
Cellulomonas hominis  
Cellulomonas uda  
Cellulosimicrobium cellulans  
Chelonobacter oris  
Chromobacterium haemolyticum  
Chromobacterium violaceum  
Chryseobacterium balustinum  
Chryseobacterium bovis  
Chryseobacterium caeni  
Chryseobacterium culicis  
Chryseobacterium daecheongense/defluvii  
Chryseobacterium daeguense  
Chryseobacterium defluvii/daecheongense  
Chryseobacterium formosense  
Chryseobacterium gambrini  
Chryseobacterium gleum  
Chryseobacterium gregarium  
Chryseobacterium haifense  
Chryseobacterium hominis  
Chryseobacterium humi  
Chryseobacterium hungaricum  
Chryseobacterium indologenes  
Chryseobacterium indoltheticum  
Chryseobacterium jejuense  
Chryseobacterium joosteii  
Chryseobacterium luteum  
Chryseobacterium molle  
Chryseobacterium oranimense  
Chryseobacterium pallidum  
Chryseobacterium palustre  
Chryseobacterium scophthalmum  
Chryseobacterium shigense  
Chryseobacterium soldanellicola  
Chryseobacterium soli  
Chryseobacterium taeaanense  
Chryseobacterium taichungense  
Chryseobacterium ureilyticum  
Chryseobacterium wanjuese  
Citrobacter amalonaticus  
Citrobacter braakii  
Citrobacter farmeri  
Citrobacter freundii  
Citrobacter gillenii  
Citrobacter koseri  
Citrobacter murlinae  
Citrobacter rodentium  
Citrobacter sedlakii  
Citrobacter werkmanii  
Citrobacter youngae  
Clavibacter michiganensis ss insidiosus A  
Clavibacter michiganensis ss insidiosus B  
Clavibacter michiganensis ss michiganensis  
Clavibacter michiganensis ss nebraskensis  
Clavibacter michiganensis ss sepedonicus A  
Clavibacter michiganensis ss sepedonicus B  
Clavibacter michiganensis ss tessellarius  
Cloacibacterium normanense  
Collimonas fungivorans

## GENIII AEROBIC

<i>Comamonas aquatica</i>	<i>Cronobacter dublinensis</i> ss <i>lactaridi</i>	<i>Enterococcus mundtii</i>
<i>Comamonas denitrificans</i>	<i>Cronobacter dublinensis</i> ss <i>lausannensis</i>	<i>Enterococcus pallens</i>
<i>Comamonas kerstersii</i>	<i>Cronobacter malonicus</i>	<i>Enterococcus pseudoavium</i>
<i>Comamonas terrigena</i>	<i>Cronobacter muytjensii</i>	<i>Enterococcus raffinosus</i>
<i>Comamonas testosteroni</i>	<i>Cronobacter sakazakii</i>	<i>Enterococcus ratti</i>
<i>Corynebacterium accolens</i>	<i>Cronobacter turicensis</i>	<i>Enterococcus saccharolyticus</i> ss
<i>Corynebacterium afermentans</i> ss <i>afermentans</i>	<i>Cronobacter universalis</i>	<i>saccharolyticus</i>
<i>Corynebacterium afermentans</i> ss <i>lipophilum</i>	<i>Cupriavidus campinensis</i>	<i>Enterococcus sulfureus</i>
<i>Corynebacterium ammoniagenes</i>	<i>Cupriavidus gilardii</i>	<i>Enterococcus villorum</i>
<i>Corynebacterium amycolatum</i>	<i>Cupriavidus necator</i>	<i>Eremococcus coleocola</i>
<i>Corynebacterium appendicis</i>	<i>Cupriavidus oxalaticus</i>	<i>Erwinia amylovora</i>
<i>Corynebacterium argenteratense</i>	<i>Cupriavidus pauculus</i>	<i>Erwinia persicina</i>
<i>Corynebacterium aurimucosum</i>	<i>Cupriavidus taiwanensis</i>	<i>Erwinia rhapontici</i>
<i>Corynebacterium auris</i>	<i>Curtobacterium albidum</i>	<i>Erysipelothrix rhusiopathiae/tonsillarum</i>
<i>Corynebacterium auriscanis</i>	<i>Curtobacterium citreum</i>	<i>Escherichia albertii</i>
<i>Corynebacterium bovis</i>	<i>Curtobacterium flaccumfaciens</i> pv <i>betae</i>	<i>Escherichia coli</i>
<i>Corynebacterium callunae</i>	<i>Curtobacterium flaccumfaciens</i> pv	<i>Escherichia coli</i> inactive
<i>Corynebacterium camporealensis</i>	<i>flaccumfaciens</i>	<i>Escherichia coli</i> O157:H7
<i>Corynebacterium canis</i>	<i>Curtobacterium flaccumfaciens</i> pv <i>oortii</i>	<i>Escherichia fergusonii</i>
<i>Corynebacterium capitovis</i>	<i>Curtobacterium flaccumfaciens</i> pv	<i>Escherichia hermannii</i>
<i>Corynebacterium confusum</i>	<i>poinsettiae</i>	<i>Escherichia vulneris</i>
<i>Corynebacterium coyleae</i>	<i>Curtobacterium herbarum</i>	<i>Ewingella americana</i>
<i>Corynebacterium cystitidis</i>	<i>Curtobacterium luteum</i>	<i>Exiguobacterium acetylicum</i>
<i>Corynebacterium diphtheriae</i>	<i>Curtobacterium pusillum</i>	<i>Exiguobacterium aurantiacum</i>
<i>Corynebacterium durum</i>	<i>Deinococcus proteolyticus</i>	<i>Exiguobacterium undae</i>
<i>Corynebacterium efficiens</i>	<i>Deinococcus radiodurans</i>	<i>Facklamia hominis</i>
<i>Corynebacterium falsenii</i>	<i>Deinococcus radiophilus</i>	<i>Facklamia sourekkii</i>
<i>Corynebacterium felinum</i>	<i>Deinococcus radiopugnans</i>	<i>Fictibacillus arsenicus</i>
<i>Corynebacterium flavescens</i>	<i>Deinococcus acidovorans</i>	<i>Flavobacterium flevense</i>
<i>Corynebacterium freneyi</i>	<i>Delftia tsuruhatensis</i>	<i>Flavobacterium hydatis</i> (26C)
<i>Corynebacterium glucuronolyticum</i>	<i>Dermabacter hominis</i>	<i>Flavobacterium johnsoniae</i>
<i>Corynebacterium glutamicum</i>	<i>Dermacoccus nishinomiyaensis</i>	<i>Francisella philomiragia</i> ss <i>philomiragia</i>
<i>Corynebacterium hansenii</i>	<i>Dickeya chrysanthemi</i>	<i>Franconibacter helveticus</i>
<i>Corynebacterium imitans</i>	<i>Dickeya dianthicola</i>	<i>Franconibacter pulveris</i>
<i>Corynebacterium jeikeium</i>	<i>Dickeya solani</i>	<i>Gallibacterium anatis</i>
<i>Corynebacterium kroppenstedtii</i>	<i>Dietzia maris</i>	<i>Gallibacterium genomospecies</i> 1
<i>Corynebacterium kutscheri</i>	<i>Dolosicoccus paucivorans</i>	<i>Gardnerella vaginalis</i>
<i>Corynebacterium lipophiloflavum</i>	<i>Dolosigranulum pigrum</i>	<i>Gemella bergeri</i>
<i>Corynebacterium macginleyi</i>	<i>Dysgonomonas capnocytophagoides</i>	<i>Gemella cuniculi</i>
<i>Corynebacterium mastitidis</i>	<i>Edwardsiella hoshinae</i>	<i>Gemella haemolysans</i>
<i>Corynebacterium matruchotii</i>	<i>Edwardsiella ictaluri</i>	<i>Gemella morbillorum</i>
<i>Corynebacterium minutissimum</i>	<i>Edwardsiella tarda</i>	<i>Gemella palaticanis</i>
<i>Corynebacterium mucifaciens</i>	<i>Eikenella corrodens</i>	<i>Gemella sanguinis</i>
<i>Corynebacterium mycetoides</i>	<i>Elizabethkingia meningoseptica</i>	<i>Geobacillus stearothermophilus</i> (45-55C)
<i>Corynebacterium phocae</i>	<i>Elizabethkingia miricola</i>	<i>Globicatella sanguinis</i>
<i>Corynebacterium pilosum</i>	<i>Empedobacter brevis</i>	<i>Gordonia aichiensis</i>
<i>Corynebacterium pseudodiphtheriticum/</i>	<i>Ensifer meliloti</i>	<i>Gordonia alkanivorans</i>
<i>propinquum</i> (CDC.ANF-3)	<i>Enterobacter aerogenes</i> (Kleb. mobilis)	<i>Gordonia amicalis</i>
<i>Corynebacterium pseudotuberculosis</i>	<i>Enterobacter asburiae</i>	<i>Gordonia bronchialis</i>
<i>Corynebacterium renale</i>	<i>Enterobacter cancerogenus</i>	<i>Gordonia desulfuricans</i>
<i>Corynebacterium riegelii</i>	<i>Enterobacter cloacae</i> ss <i>cloacae</i>	<i>Gordonia effusa</i>
<i>Corynebacterium simulans</i>	<i>Enterobacter cloacae</i> ss <i>dissolvens</i>	<i>Gordonia hirsuta</i>
<i>Corynebacterium singulare</i>	<i>Enterobacter hormaechei</i> ss <i>hormaechei</i>	<i>Gordonia namibiensis</i>
<i>Corynebacterium spheniscorum</i>	<i>Enterobacter kobei</i>	<i>Gordonia otitidis</i>
<i>Corynebacterium striatum</i>	<i>Enterococcus asini</i>	<i>Gordonia polyisoprenivorans</i>
<i>Corynebacterium terpenotabidum</i>	<i>Enterococcus avium</i>	<i>Gordonia rhizosphaera</i>
<i>Corynebacterium testudinoris</i>	<i>Enterococcus canintestini</i>	<i>Gordonia rubripertincta</i>
<i>Corynebacterium thomssenii</i>	<i>Enterococcus casseliflavus</i>	<i>Gordonia shandongensis</i>
<i>Corynebacterium tuberculostearicum</i>	<i>Enterococcus cecorum</i>	<i>Gordonia sputi</i>
<i>Corynebacterium ulcerans</i>	<i>Enterococcus cecorum</i>	<i>Gordonia terrae</i>
<i>Corynebacterium urealyticum</i>	<i>Enterococcus columbae</i>	<i>Gracilibacillus boracitolterans</i>
<i>Corynebacterium urealyticum</i>	<i>Enterococcus dumetii</i>	<i>Gracilibacillus diposauri</i>
<i>Corynebacterium variabile</i>	<i>Enterococcus dispar</i>	<i>Gracilibacillus lacsalsi</i>
<i>Corynebacterium vitaeruminis</i>	<i>Enterococcus durans</i>	<i>Gracilibacillus saliphilus</i>
<i>Corynebacterium xerosis</i>	<i>Enterococcus faecalis</i>	<i>Granulicatella adiacens</i>
<i>Cosenzaea myxofaciens</i>	<i>Enterococcus faecium</i>	<i>Granulicatella elegans</i>
<i>Cronobacter dublinensis</i> ss <i>dublinensis</i>	<i>Enterococcus gallinarum</i>	
	<i>Enterococcus gilvus</i>	
	<i>Enterococcus haemoperoxidus</i>	
	<i>Enterococcus hirae</i>	
	<i>Enterococcus malodoratus</i>	

## GENIII AEROBIC

Grimontia hollisae (26C)  
Haemophilus aegyptius  
Haemophilus ducreyi  
Haemophilus felis  
Haemophilus haemoglobinophilus  
Haemophilus haemolyticus  
Haemophilus influenzae  
Haemophilus paracuniculus  
Haemophilus parahaemolyticus  
Haemophilus parainfluenzae  
Haemophilus paraphrohaemolyticus  
Haemophilus parasuis  
Hafnia alvei  
Halomonas species (Pseudomonas bathycetes)  
Helcococcus kunzii  
Helcococcus ovis/sueciensis  
Helcococcus sueciensis/ovis  
Herbaspirillum frisingense  
Herbaspirillum huttiense ss huttiense  
Herbaspirillum rubrisubalbicans  
Herbaspirillum seropedicae  
Histophilus somni  
Hydrogenophaga palleronii (26C)  
Hydrogenophaga taeniospiralis  
Ignavigranum rouffiae Inquilinus limosus  
Insolitispirillum peregrinum ss integrum  
Insolitispirillum peregrinum ss peregrinum  
Iodobacter fluvialilis  
Janibacter anophelis/hoylei  
Janibacter hoylei/anophelis  
Janthinobacterium lividum (26C)  
Jonesia denitrificans  
Kerstesia gyiorum  
Kingella denitrificans  
Kingella kingae  
Kingella oralis  
Klebsiella oxytoca  
Klebsiella pneumoniae ss ozaenae  
Klebsiella pneumoniae ss pneumoniae  
Klebsiella pneumoniae ss rhinoscleromatis  
Klebsiella variicola  
Kluyvera ascorbata  
Kluyvera cryocrescens  
Kluyvera georgiana  
Kluyvera intermedia  
Kocuria kristinae  
Kocuria palustris  
Kocuria rhizophila  
Kocuria rosea  
Kocuria varians  
Kosakonia cowanii  
Kurthia gibsonii  
Kurthia sibirica  
Kurthia zopfii  
Kytococcus aerolatus  
Kytococcus schroeteri  
Kytococcus sedentarius  
Lactobacillus acidophilus  
Lactobacillus alimentarius  
Lactobacillus amylovorus  
Lactobacillus animalis  
Lactobacillus aviarius ss araffinosus  
Lactobacillus bifermens  
Lactobacillus brevis  
Lactobacillus buchneri  
Lactobacillus casei  
Lactobacillus coryniformis ss coryniformis  
Lactobacillus coryniformis ss torquens  
Lactobacillus crispatus  
Lactobacillus curvatus  
Lactobacillus delbrueckii ss delbrueckii  
Lactobacillus delbrueckii ss lactis  
Lactobacillus farcinis  
Lactobacillus fermentum  
Lactobacillus fructivorans  
Lactobacillus gasserii  
Lactobacillus helveticus  
Lactobacillus jensenii  
Lactobacillus mali  
Lactobacillus murinus  
Lactobacillus oris  
Lactobacillus parabuchneri  
Lactobacillus paracasei ss paracasei  
Lactobacillus paracasei ss tolerans  
Lactobacillus pentosus  
Lactobacillus plantarum ss plantarum  
Lactobacillus reuteri  
Lactobacillus rhamnosus  
Lactobacillus sakei ss sakei  
Lactobacillus salivarius  
Lactobacillus vaginalis  
Lactococcus garvieae  
Lactococcus lactis ss cremoris  
Lactococcus lactis ss hordniae  
Lactococcus lactis ss lactis  
Lactococcus plantarum  
Lactococcus raffinolactis  
Lampropedia hyalina  
Lautropia mirabilis  
Leclercia adecarboxylata  
Leifsonia aquatica  
Leifsonia poae  
Lelliottia amnigena  
Lelliottia nimipressuralis  
Leminorella grimontii  
Leminorella richardii  
Leuconostoc carnosum (26C)  
Leuconostoc citreum  
Leuconostoc fallax  
Leuconostoc gelidum ss gelidum (26C)  
Leuconostoc lactis  
Leuconostoc mesenteroides ss cremoris  
Leuconostoc mesenteroides ss dextransicum  
Leuconostoc mesenteroides ss mesenteroides  
Leuconostoc pseudomesenteroides  
Listeria grayi  
Listeria innocua/welshimeri/seeligeri  
Listeria ivanovii ss ivanovii  
Listeria ivanovii ss londoniensis  
Listeria monocytogenes  
Listeria rocourtia  
Listeria seeligeri/welshimeri/innocua  
Listeria welshimeri/innocua/seeligeri  
Lonepinella koalarum  
Lonsdalea quercina ss quercina  
Lysinibacillus boronitolerans  
Lysinibacillus fusiformis  
Lysinibacillus odyseeyi  
Lysinibacillus sphaericus  
Macrococcus bovicus  
Macrococcus brunensis  
Macrococcus carouzelicus  
Macrococcus caseolyticus  
Macrococcus equiperficus  
Mannheimia glucosida  
Mannheimia granulomatis  
Mannheimia haemolytica  
Mannheimia ruminalis  
Mannheimia varigena  
Massilia aerilata  
Massilia albidiflava  
Massilia aurea  
Massilia brevitalia  
Massilia dura  
Massilia lutea  
Massilia niabensis  
Massilia niastensis  
Massilia plicata  
Massilia timonae  
Methylobacterium extorquens  
Methylobacterium fujiisawaense  
Methylobacterium radiotolerans  
Methylobacterium rhodinum  
Microbacterium arborescens  
Microbacterium barkeri  
Microbacterium dextranolyticum  
Microbacterium esteraromaticum  
Microbacterium flavescens  
Microbacterium imperiale  
Microbacterium lacticum  
Microbacterium laevaniformans  
Microbacterium liquefaciens  
Microbacterium maritypicum  
Microbacterium resistens  
Microbacterium saperdae  
Microbacterium species (CDC A-4/CDC A-5)  
Microbacterium species (CDC A-5/CDC A-4)  
Microbacterium testaceum  
Micrococcus endophyticus  
Micrococcus flavus  
Micrococcus luteus A  
Micrococcus luteus B  
Micrococcus luteus C  
Micrococcus luteus D  
Micrococcus luteus E  
Micrococcus lylae A  
Micrococcus lylae B  
Micrococcus lylae C  
Micrococcus yunnanensis  
Microvirgula aerodenitrificans  
Moellerella wisconsinensis  
Moraxella boevei  
Moraxella bovis  
Moraxella bovoculi  
Moraxella canis  
Moraxella caprae  
Moraxella catarrhalis  
Moraxella caviae  
Moraxella cuniculi  
Moraxella equi  
Moraxella lincolni  
Moraxella nonliquefaciens  
Moraxella osloensis  
Moraxella ovis  
Moraxella plurimalium  
Morganella morganii ss morganii

## GENIII AEROBIC

Morganella morganii ss sibonii  
Mycobacterium abscessus ss abscessus  
Mycobacterium aichiense/novocastrense  
Mycobacterium alvei  
Mycobacterium aurum  
Mycobacterium brumae  
Mycobacterium chelonae ss chelonae  
Mycobacterium chubuense  
Mycobacterium confluens  
Mycobacterium flavescens  
Mycobacterium fortuitum ss fortuitum  
Mycobacterium gadium  
Mycobacterium hassiacum  
Mycobacterium mageritense  
Mycobacterium marinum  
Mycobacterium mucogenicum  
Mycobacterium neoaurum  
Mycobacterium novocastrense/aichiense  
Mycobacterium phlei  
Mycobacterium senegalense  
Mycobacterium septicum  
Mycobacterium setense  
Mycobacterium smegmatis  
Mycobacterium vaccae  
Myroides odoratimimus  
Myroides odoratus  
Neisseria animalis  
Neisseria animaloris  
Neisseria bacilliformis  
Neisseria canis  
Neisseria cinerea  
Neisseria dentiae  
Neisseria elongata ss elongata  
Neisseria elongata ss glycolytica  
Neisseria elongata ss nitroreducens  
Neisseria flava  
Neisseria flavescens  
Neisseria gonorrhoeae  
Neisseria lactamica  
Neisseria macacae  
Neisseria meningitidis  
Neisseria mucosa  
Neisseria perflava  
Neisseria polysaccharea  
Neisseria shayegani  
Neisseria sicca  
Neisseria subflava  
Neisseria wadsworthii  
Neisseria weaveri  
Neisseria zoodegmatidis  
Nesterenkonia sandarakina  
Nicoletella semolina  
Nocardia abscessus  
Nocardia acidivorans  
Nocardia africana  
Nocardia alba  
Nocardia altamirensis  
Nocardia amamiensis  
Nocardia anaemiae  
Nocardia aobensis  
Nocardia araoensis  
Nocardia arthritis  
Nocardia asiatica  
Nocardia asteroides  
Nocardia beijingensis  
Nocardia brasiliensis  
Nocardia brevicatena  
Nocardia caishijiensis  
Nocardia carnea  
Nocardia cerradoensis/kruczakiae  
Nocardia concava  
Nocardia coubleae/ignorata  
Nocardia cyriacigeorgica  
Nocardia elegans  
Nocardia exalbida  
Nocardia farcinica  
Nocardia flavorosea  
Nocardia fluminea  
Nocardia gamkensis  
Nocardia higoensis/shimofusensis  
Nocardia ignorata/coupleae  
Nocardia inohanensis  
Nocardia jejuensis  
Nocardia jiangxiensis  
Nocardia kruczakiae/cerradoensis  
Nocardia lijiangensis  
Nocardia mexicana  
Nocardia miyunensis  
Nocardia neocaledoniensis  
Nocardia niigatensis  
Nocardia ninae  
Nocardia nova  
Nocardia otitidiscaviarum  
Nocardia paucivorans  
Nocardia pneumoniae  
Nocardia polyresistens  
Nocardia pseudobrasiliensis  
Nocardia pseudovaccinii  
Nocardia puris  
Nocardia salmonicida  
Nocardia seriola  
Nocardia shimofusensis/higoensis  
Nocardia sienata  
Nocardia soli  
Nocardia takedensis  
Nocardia tenerifensis  
Nocardia testacea  
Nocardia thailandica  
Nocardia transvalensis  
Nocardia uniformis  
Nocardia vermiculata  
Nocardia veterana  
Nocardia vinacea  
Nocardia xishanensis  
Nocardia yamanashiensis  
Novosphingobium capsulatum  
Novosphingobium resinovororum  
Obesumbacterium proteus  
Oceanimonas doudoroffii  
Ochrobactrum anthropi  
Ochrobactrum grignonense  
Ochrobactrum intermedium  
Ochrobactrum tritici  
Oerskovia enterophila  
Oerskovia turbata  
Oligella ureolytica  
Oligella urethralis  
Ornithobacterium rhinotracheale  
Paenibacillus agarexedens  
Paenibacillus agaridevorans  
Paenibacillus alkaliterrae  
Paenibacillus alvei  
Paenibacillus amylolyticus  
Paenibacillus anaericanus  
Paenibacillus apiarius  
Paenibacillus assamensis  
Paenibacillus azoreducens  
Paenibacillus barcinonensis  
Paenibacillus barengoltzii  
Paenibacillus borealis  
Paenibacillus brasiliensis  
Paenibacillus campinasensis  
Paenibacillus castaneae  
Paenibacillus cellulolyticus  
Paenibacillus chibensis  
Paenibacillus chinjuensis  
Paenibacillus chondroitinus  
Paenibacillus cineris/favisporus/  
rhizosphaerae  
Paenibacillus cookii  
Paenibacillus curdolanolyticus  
Paenibacillus daejeonensis  
Paenibacillus durus  
Paenibacillus ehimensis  
Paenibacillus elgii  
Paenibacillus favisporus/rhizosphaerae/  
cineris  
Paenibacillus fonticola  
Paenibacillus forsythiae  
Paenibacillus ginsengarvi  
Paenibacillus ginsengihumi  
Paenibacillus glucoanolyticus  
Paenibacillus glycanilyticus  
Paenibacillus graminis  
Paenibacillus harenae  
Paenibacillus hodogayensis  
Paenibacillus humicus  
Paenibacillus illinoisensis  
Paenibacillus lactis  
Paenibacillus larvae ss larvae  
Paenibacillus larvae ss pulvifaciens  
Paenibacillus lautus  
Paenibacillus macerans  
Paenibacillus massiliensis  
Paenibacillus mendelii  
Paenibacillus motobuensis  
Paenibacillus naphthalenovorans  
Paenibacillus nematophilus  
Paenibacillus odorifer  
Paenibacillus pabuli/taichungensis  
Paenibacillus panacisoli  
Paenibacillus pasadenensis  
Paenibacillus peoriae  
Paenibacillus polymyxa  
Paenibacillus popilliae  
Paenibacillus provencensis  
Paenibacillus rhizosphaerae/cineris/  
favisporus  
Paenibacillus sabiniae  
Paenibacillus sanguinis  
Paenibacillus soli  
Paenibacillus stellifer  
Paenibacillus taichungensis/pabuli  
Paenibacillus tarimensis  
Paenibacillus terrae  
Paenibacillus terrigena  
Paenibacillus thiaminolyticus  
Paenibacillus timonensis

## GENIII AEROBIC

Paenibacillus tundrae  
Paenibacillus turicensis  
Paenibacillus validus  
Paenibacillus woosongensis  
Paenibacillus wynnii  
Paenibacillus xinjiangensis  
Paenibacillus xylanexedens  
Paenibacillus xylanilyticus  
Paenibacillus zanthoxyli  
Pandoraea apista  
Pandoraea norimbergensis  
Pandoraea pnomenus  
Pandoraea pulmonicola  
Pandoraea sputorum  
Pantoea agglomerans  
Pantoea ananatis pv ananatis  
Pantoea ananatis pv uredovora  
Pantoea cypripedii  
Pantoea dispersa  
Pantoea eucria  
Pantoea stewartii ss stewartii  
Paraburkholderia andropogonis  
Paraburkholderia caledonica  
Paraburkholderia caribensis  
Paraburkholderia caryophylli  
Paraburkholderia fungorum  
Paraburkholderia glathei  
Paraburkholderia graminis  
Paraburkholderia kururiensis  
Paraburkholderia phenazinium  
Paraburkholderia terricola  
Paracoccus yeei  
Pasteurella aerogenes  
Pasteurella bettyae  
Pasteurella caballi  
Pasteurella canis/stomatitis  
Pasteurella dagmatis  
Pasteurella langaensis  
Pasteurella lymphangitidis  
Pasteurella mairii  
Pasteurella multocida ss gallicida  
Pasteurella multocida ss multocida  
Pasteurella multocida ss septica  
Pasteurella oralis  
Pasteurella pneumotropica  
Pasteurella testudinis  
Pectobacterium aroidearum A  
Pectobacterium aroidearum B  
Pectobacterium atrosepticum A  
Pectobacterium atrosepticum B  
Pectobacterium betavasculorum A  
Pectobacterium betavasculorum B  
Pectobacterium cacticida  
Pectobacterium carotovorum ss actinidiae  
Pectobacterium carotovorum ss brasiliense  
Pectobacterium carotovorum ss carotovorum A  
Pectobacterium carotovorum ss carotovorum B  
Pectobacterium carotovorum ss odoriferum  
Pectobacterium wasabiae A  
Pectobacterium wasabiae B  
Pediococcus acidilactici  
Pediococcus pentosaceus  
Pedobacter heparinus  
Photobacterium angustum (26C)  
Photobacterium damsela ss damsela  
Photobacterium damsela ss piscicida  
Photobacterium leiognathi  
Photobacterium luminescens ss luminescens  
Phyllobacterium myrsinacearum  
Plesiomonas shigelloides  
Pluralibacter gergoviae  
Pluralibacter pyrinus  
Pragia fontium  
Proteus hauseri  
Proteus mirabilis  
Proteus penneri  
Proteus vulgaris  
Providencia alcalifaciens  
Providencia heimbachae  
Providencia rettgeri  
Providencia rustigianii  
Providencia stuartii  
Pseudomonas aeruginosa  
Pseudomonas agarici  
Pseudomonas alcaligenes  
Pseudomonas amygdali  
Pseudomonas anguilliseptica (26C)  
Pseudomonas asplenii  
Pseudomonas avellanae  
Pseudomonas cannabina pv alisalensis  
Pseudomonas cannabina pv cannabina  
Pseudomonas caricapapayae A  
Pseudomonas caricapapayae B  
Pseudomonas chlororaphis ss aurantiaca  
Pseudomonas cichorii  
Pseudomonas cissicola (Xanthomonas)  
Pseudomonas citronellolis  
Pseudomonas congelans  
Pseudomonas corrugata  
Pseudomonas ficuserectae  
Pseudomonas flavescens  
Pseudomonas fluorescens A  
Pseudomonas fluorescens B  
Pseudomonas fluorescens C  
Pseudomonas fragi  
Pseudomonas fulva  
Pseudomonas fuscovaginae A  
Pseudomonas fuscovaginae B  
Pseudomonas lundensis  
Pseudomonas luteola  
Pseudomonas marginalis  
Pseudomonas meliae  
Pseudomonas mendocina  
Pseudomonas mucidolens  
Pseudomonas nitroreducens  
Pseudomonas oleovorans ss oleovorans  
Pseudomonas oryzihabitans  
Pseudomonas pertucinogena  
Pseudomonas plecoglossicida  
Pseudomonas putida  
Pseudomonas resinovorans  
Pseudomonas savastanoi pv fraxini  
Pseudomonas savastanoi pv glycinea  
Pseudomonas savastanoi pv nerii A  
Pseudomonas savastanoi pv nerii B  
Pseudomonas savastanoi pv phaseolicola A  
Pseudomonas savastanoi pv phaseolicola B  
Pseudomonas savastanoi pv retacarpa  
Pseudomonas savastanoi pv savastanoi  
Pseudomonas straminea  
Pseudomonas stutzeri  
Pseudomonas synxantha  
Pseudomonas syringae pv aceris A  
Pseudomonas syringae pv aceris B  
Pseudomonas syringae pv actinidiae  
Pseudomonas syringae pv aesculi  
Pseudomonas syringae pv antirrhini  
Pseudomonas syringae pv apii  
Pseudomonas syringae pv aptata  
Pseudomonas syringae pv atrofaciens A  
Pseudomonas syringae pv atrofaciens B  
Pseudomonas syringae pv atropurpurea A  
Pseudomonas syringae pv atropurpurea B  
Pseudomonas syringae pv avii  
Pseudomonas syringae pv berberidis  
Pseudomonas syringae pv broussonetiae  
Pseudomonas syringae pv castaneae  
Pseudomonas syringae pv castanicola  
Pseudomonas syringae pv ciccaronei  
Pseudomonas syringae pv coriandricola A  
Pseudomonas syringae pv coriandricola B  
Pseudomonas syringae pv coronafaciens A  
Pseudomonas syringae pv coronafaciens B  
Pseudomonas syringae pv coryli  
Pseudomonas syringae pv cunninghamiae  
Pseudomonas syringae pv daphniphylli  
Pseudomonas syringae pv delphinii  
Pseudomonas syringae pv dendropanacis  
Pseudomonas syringae pv eriodotryae  
Pseudomonas syringae pv garcae  
Pseudomonas syringae pv helianthi A  
Pseudomonas syringae pv helianthi B  
Pseudomonas syringae pv hibisci A  
Pseudomonas syringae pv hibisci B  
Pseudomonas syringae pv kiwifruit bud rot A  
Pseudomonas syringae pv kiwifruit bud rot B  
Pseudomonas syringae pv lachrymans A  
Pseudomonas syringae pv lachrymans B  
Pseudomonas syringae pv lapsa A  
Pseudomonas syringae pv lapsa B  
Pseudomonas syringae pv maculicola A  
Pseudomonas syringae pv maculicola B  
Pseudomonas syringae pv mellea  
Pseudomonas syringae pv mori  
Pseudomonas syringae pv morsprunorum  
Pseudomonas syringae pv myricae  
Pseudomonas syringae pv oryzae  
Pseudomonas syringae pv papulans  
Pseudomonas syringae pv passiflorae  
Pseudomonas syringae pv persicae  
Pseudomonas syringae pv philadelphia A  
Pseudomonas syringae pv philadelphia B  
Pseudomonas syringae pv photiniae  
Pseudomonas syringae pv pisi A  
Pseudomonas syringae pv pisi B  
Pseudomonas syringae pv porri  
Pseudomonas syringae pv primulae  
Pseudomonas syringae pv raphiolepidis  
Pseudomonas syringae pv ribicola A  
Pseudomonas syringae pv ribicola B  
Pseudomonas syringae pv sesami  
Pseudomonas syringae pv solidagae  
Pseudomonas syringae pv spinaceae  
Pseudomonas syringae pv striafaciens  
Pseudomonas syringae pv syringae A  
Pseudomonas syringae pv syringae B  
Pseudomonas syringae pv syringae C  
Pseudomonas syringae pv tabaci A  
Pseudomonas syringae pv tabaci B



## GENIII AEROBIC

*Pseudomonas syringae* pv tabaci C  
*Pseudomonas syringae* pv tagetis  
*Pseudomonas syringae* pv theae  
*Pseudomonas syringae* pv tomato  
*Pseudomonas syringae* pv ulmi A  
*Pseudomonas syringae* pv ulmi B  
*Pseudomonas syringae* pv viburni  
*Pseudomonas syringae* pv zizaniae  
*Pseudomonas taetrolens*  
*Pseudomonas tolaasii*  
*Pseudomonas tremae*  
*Pseudomonas viridiflava*  
*Pseudomonas viridilivida*  
*Pseudoxanthomonas broegbernensis*  
*Pseudoxanthomonas daejeonensis*  
*Pseudoxanthomonas dokdonensis*  
*Pseudoxanthomonas japonensis*  
*Pseudoxanthomonas kalamensis*  
*Pseudoxanthomonas kaohsiungensis*  
*Pseudoxanthomonas mexicana*  
*Pseudoxanthomonas sacheonensis*  
*Pseudoxanthomonas suwonensis*  
*Pseudoxanthomonas yeongjuensis*  
*Psychrobacillus psychrotolerans*  
*Psychrobacter immobilis*  
*Psychrobacter phenylpyruvicus*  
*Rahnella aquatilis*  
*Ralstonia insidiosa*  
*Ralstonia mannitolilytica*  
*Ralstonia pickettii*  
*Ralstonia solanacearum*  
*Raoultella planticola/ornithinolytica*  
*Raoultella terrigena*  
*Rathayibacter rathayi* (26C)  
*Rathayibacter tritici* (26C)  
*Renibacterium salmoninarum* (26C)  
*Rhizobium radiobacter* A  
*Rhizobium radiobacter* B  
*Rhizobium rhizogenes*  
*Rhizobium vitis* (bv 3)  
*Rhizorhapis suberifaciens*  
*Rhodococcus australis*  
*Rhodococcus coprophilus*  
*Rhodococcus corynebacterioides*  
*Rhodococcus equi* (*Nocardia restricta*)  
*Rhodococcus erythropolis*  
*Rhodococcus fascians* A  
*Rhodococcus fascians* B  
*Rhodococcus globerulus*  
*Rhodococcus pyridinivorans*  
*Rhodococcus rhodnii*  
*Rhodococcus rhodochrous*  
*Rhodococcus ruber*  
*Rhodococcus wratislaviensis*  
*Riemerella anatipestifer*  
*Riemerella columbina*  
*Roseomonas cervicalis*  
*Roseomonas gilardii* ss *gilardii*  
*Rothia amarae*  
*Rothia dentocariosa*  
*Rothia mucilaginoso*  
*Rothia nasimurium*  
*Rummeliibacillus pycnus*  
*Salmonella bongori*  
*Salmonella enterica* ss *arizonae*  
*Salmonella enterica* ss *diarizonae*  
*Salmonella enterica* ss *enterica*  
*Salmonella enterica* ss *houtenae*  
*Salmonella enterica* ss *indica*  
*Salmonella enterica* ss *salamae*  
*Salmonella enterica* ST *gallinarum*  
*Salmonella enterica* ST *paratyphi* A  
*Salmonella enterica* ST *paratyphi* B  
*Salmonella enterica* ST *paratyphi* C  
*Salmonella enterica* ST *pullorum*  
*Salmonella enterica* ST *typhi*  
*Salmonella enterica* ST *typhimurium*  
*Salmonella subterranea*  
*Samsonia erythrinae*  
*Sanguibacter inulinus*  
*Sanguibacter keddiei*  
*Sanguibacter suarezi*  
*Serpens flexibilis*  
*Serratia entomophila*  
*Serratia ficaria*  
*Serratia fonticola*  
*Serratia liquefaciens/grimesii*  
*Serratia marcescens* ss *marcescens*  
*Serratia odorifera*  
*Serratia plymuthica*  
*Serratia proteamaculans*  
*Serratia rubidaea*  
*Shewanella algae*  
*Shewanella putrefaciens*  
*Shigella boydii*  
*Shigella dysenteriae*  
*Shigella flexneri*  
*Shigella sonnei*  
*Shimwellia blattae*  
*Shimwellia pseudoproteus*  
*Siccibacter turicensis*  
*Simonsiella muelleri*  
*Simplicispira metamorpha*  
*Sinomonas atrocyanea*  
*Solibacillus silvestris*  
*Sphingobacterium mizutaii*  
*Sphingobacterium multivorum*  
*Sphingobacterium spiritivorum*  
*Sphingobacterium thalpopilum*  
*Sphingobium yanoikuyae*  
*Sphingomonas adhaesiva*  
*Sphingomonas melonis*  
*Sphingomonas parapaucimobilis*  
*Sphingomonas paucimobilis* A  
*Sphingomonas paucimobilis* B  
*Sphingomonas sanguinis*  
*Sphingopyxis macrogoltabida*  
*Sphingopyxis terrae*  
*Sporolactobacillus kofuensis*  
*Sporolactobacillus laevolacticus*  
*Sporolactobacillus nakayamae* ss *nakayamae*  
*Sporolactobacillus nakayamae* ss *racemicus*  
*Sporolactobacillus terrae*  
*Sporosarcina aquimarina*  
*Sporosarcina globispora* (26C)  
*Sporosarcina koreensis*  
*Sporosarcina soli*  
*Sporosarcina ureae*  
*Staphylococcus arlettae*  
*Staphylococcus aureus* ss *aureus*  
*Staphylococcus auricularis*  
*Staphylococcus capitis* ss *capitis*  
*Staphylococcus capitis* ss *urealyticus*  
*Staphylococcus caprae*  
*Staphylococcus carnosus* ss *carnosus*  
*Staphylococcus carnosus* ss *utilis*  
*Staphylococcus chromogenes*  
*Staphylococcus cohnii* ss *cohnii*  
*Staphylococcus cohnii* ss *urealyticus*  
*Staphylococcus condimenti*  
*Staphylococcus delphini*  
*Staphylococcus epidermidis*  
*Staphylococcus equorum*  
*Staphylococcus felis*  
*Staphylococcus fleurettii*  
*Staphylococcus gallinarum*  
*Staphylococcus gaeumoliticus*  
*Staphylococcus hominis* ss *hominis*  
*Staphylococcus hominis* ss *novobiosepticus*  
*Staphylococcus hyicus*  
*Staphylococcus intermedius*  
*Staphylococcus kloosii*  
*Staphylococcus lentus*  
*Staphylococcus lugdunensis*  
*Staphylococcus lutrae*  
*Staphylococcus muscae*  
*Staphylococcus pasteurii*  
*Staphylococcus piscifermentans*  
*Staphylococcus pseudintermedius*  
*Staphylococcus saprophyticus* ss *bovis*  
*Staphylococcus saprophyticus* ss *saprophyticus*  
*Staphylococcus schleiferi* ss *coagulans*  
*Staphylococcus schleiferi* ss *schleiferi*  
*Staphylococcus sciuri* ss *carnaticus*  
*Staphylococcus sciuri* ss *rodentium*  
*Staphylococcus sciuri* ss *sciuri*  
*Staphylococcus simulans*  
*Staphylococcus succinus* ss *succinus*  
*Staphylococcus vitulinus*  
*Staphylococcus warneri*  
*Staphylococcus xylosum*  
*Stenotrophomonas acidaminiphila*  
*Stenotrophomonas maltophilia*  
*Stenotrophomonas rhizophila*  
*Streptococcus acidominimus*  
*Streptococcus agalactiae* (gp B)  
*Streptococcus alactolyticus*  
*Streptococcus anginosus* ss *anginosus*  
*Streptococcus australis*  
*Streptococcus canis*  
*Streptococcus constellatus* ss *constellatus*  
*Streptococcus constellatus* ss *pharyngis*  
*Streptococcus criceti*  
*Streptococcus cristatus*  
*Streptococcus devriesei*  
*Streptococcus didelphi*  
*Streptococcus downei*  
*Streptococcus dysgalactiae* ss *dysgalactiae*  
*Streptococcus dysgalactiae* ss *equisimilis*  
*Streptococcus entericus*  
*Streptococcus equi* ss *equi*  
*Streptococcus equi* ss *ruminatorum*  
*Streptococcus equi* ss *zooepidemicus* (gp C)  
*Streptococcus equinus*  
*Streptococcus ferus*  
*Streptococcus gallinaceus*  
*Streptococcus gallolyticus* ss *gallolyticus*

## GENIII AEROBIC

<i>Streptococcus gallolyticus</i> ss macedonicus	<i>Vibrio aestuarianus</i>	<i>Xanthomonas axonopodis</i> pv phaseoli B
<i>Streptococcus gallolyticus</i> ss pasteurianus	<i>Vibrio alginolyticus</i>	<i>Xanthomonas axonopodis</i> pv poinsettiicola A
<i>Streptococcus gordonii</i>	<i>Vibrio anguillarum</i>	<i>Xanthomonas axonopodis</i> pv poinsettiicola B
<i>Streptococcus halichoeri</i>	<i>Vibrio campbellii</i>	<i>Xanthomonas axonopodis</i> pv vasculorum A
<i>Streptococcus hyointestinalis</i>	<i>Vibrio cholerae</i>	<i>Xanthomonas axonopodis</i> pv vasculorum B
<i>Streptococcus hyovaginalis</i>	<i>Vibrio cholerae</i> non O1	<i>Xanthomonas axonopodis</i> pv vitians A
<i>Streptococcus infantarius/lutetiensis/bovis</i> (gp D)	<i>Vibrio cholerae</i> O1	<i>Xanthomonas axonopodis</i> pv vitians B
<i>Streptococcus infantis</i>	<i>Vibrio cholerae</i> O1/O139	<i>Xanthomonas bromi</i>
<i>Streptococcus iniae</i>	<i>Vibrio cincinnatiensis</i>	<i>Xanthomonas campestris</i> pv aberrans A
<i>Streptococcus intermedius</i>	<i>Vibrio diazotrophicus</i>	<i>Xanthomonas campestris</i> pv aberrans B
<i>Streptococcus lutetiensis/infantarius/bovis</i> (gp D)	<i>Vibrio fluvialis</i>	<i>Xanthomonas campestris</i> pv armoraciae
<i>Streptococcus macacae</i>	<i>Vibrio furnissii</i>	<i>Xanthomonas campestris</i> pv barbareae
<i>Streptococcus marimammalium</i>	<i>Vibrio harveyi</i>	<i>Xanthomonas campestris</i> pv campestris A
<i>Streptococcus mitis</i>	<i>Vibrio ichthyenteri</i> (26C)	<i>Xanthomonas campestris</i> pv campestris B
<i>Streptococcus mutans/ratti</i>	<i>Vibrio metschnikovii</i>	<i>Xanthomonas campestris</i> pv euphorbiae
<i>Streptococcus oralis</i>	<i>Vibrio mimicus</i>	<i>Xanthomonas campestris</i> pv fittonia
<i>Streptococcus orisratti</i>	<i>Vibrio natriegens</i>	<i>Xanthomonas campestris</i> pv incanae A
<i>Streptococcus ovis</i>	<i>Vibrio ordalii</i> (26C)	<i>Xanthomonas campestris</i> pv incanae B
<i>Streptococcus parasanguinis</i>	<i>Vibrio parahaemolyticus</i>	<i>Xanthomonas campestris</i> pv oryzihabitans
<i>Streptococcus parauberis</i>	<i>Vibrio pelagius</i>	<i>Xanthomonas campestris</i> pv plantaginis
<i>Streptococcus peroris</i>	<i>Vibrio proteolyticus</i>	<i>Xanthomonas campestris</i> pv raphani A
<i>Streptococcus phocae</i> ss phocae	<i>Vibrio splendidus</i> (26C)	<i>Xanthomonas campestris</i> pv raphani B
<i>Streptococcus pluranimalium</i>	<i>Vibrio tubiashii</i>	<i>Xanthomonas campestris</i> pv taraxaci
<i>Streptococcus pneumoniae</i>	<i>Vibrio vulnificus</i>	<i>Xanthomonas campestris</i> pv ti A
<i>Streptococcus porcinus</i>	<i>Virgibacillus dokdonensis</i>	<i>Xanthomonas campestris</i> pv ti B
<i>Streptococcus pseudopneumoniae</i>	<i>Virgibacillus halodentrificans</i>	<i>Xanthomonas campestris</i> pv uticae
<i>Streptococcus pseudoporcinus</i>	<i>Virgibacillus halophilus</i>	<i>Xanthomonas cassavae</i>
<i>Streptococcus pyogenes</i> (gp A)	<i>Virgibacillus marismortui</i>	<i>Xanthomonas citri</i> pv malvacearum
<i>Streptococcus ratti/mutans</i>	<i>Virgibacillus olivae</i>	<i>Xanthomonas citri</i> ss citri
<i>Streptococcus salivarius</i> ss salivarius	<i>Virgibacillus pantothenicus</i>	<i>Xanthomonas codiaei</i>
<i>Streptococcus salivarius</i> ss thermophilus	<i>Virgibacillus proomii</i>	<i>Xanthomonas cucurbitae</i>
<i>Streptococcus sanguinis</i>	<i>Virgibacillus salariae</i>	<i>Xanthomonas cynarae</i>
<i>Streptococcus sinensis</i>	<i>Virgibacillus salexigens</i>	<i>Xanthomonas dyei</i> pv dysoxlyli
<i>Streptococcus sobrinus</i>	<i>Viridibacillus arenosi</i>	<i>Xanthomonas euvesicatoria</i> A
<i>Streptococcus suis</i> (gp R)	<i>Viridibacillus arvi/neidei</i>	<i>Xanthomonas euvesicatoria</i> B
<i>Streptococcus suis</i> serogroup 1/2	<i>Viridibacillus neidei/arvi</i>	<i>Xanthomonas fuscans</i> ss aurantifoli A
<i>Streptococcus suis</i> serogroup 4/6	<i>Vogesella indigofera</i>	<i>Xanthomonas fuscans</i> ss aurantifoli B
<i>Streptococcus suis</i> serogroup 5	<i>Volucribacter amarae</i>	<i>Xanthomonas fuscans</i> ss fuscans
<i>Streptococcus suis</i> serogroup 7	<i>Volucribacter psittacidia</i>	<i>Xanthomonas gardneri</i>
<i>Streptococcus thoralensis</i>	<i>Weeksella virosa</i>	<i>Xanthomonas hortorum</i> pv carotae A
<i>Streptococcus uberis</i>	<i>Weissella confusa</i>	<i>Xanthomonas hortorum</i> pv carotae B
<i>Streptococcus vestibularis</i>	<i>Weissella halotolerans</i>	<i>Xanthomonas hortorum</i> pv hederiae
<i>Suttonella indologenes</i>	<i>Weissella minor</i>	<i>Xanthomonas hortorum</i> pv pelargonii A
<i>Tatumella citrea</i>	<i>Weissella viridescens</i>	<i>Xanthomonas hortorum</i> pv pelargonii B
<i>Tatumella morbiosei</i>	<i>Williamsia deligens</i>	<i>Xanthomonas hyacinthi</i>
<i>Tatumella ptyseos</i>	<i>Williamsia maris</i> (26C)	<i>Xanthomonas melonis</i>
<i>Tatumella punctata</i>	<i>Williamsia muralis</i>	<i>Xanthomonas oryzae</i> pv oryzae
<i>Tatumella terrea</i>	<i>Xanthomonas albilineans</i>	<i>Xanthomonas oryzae</i> pv oryzicola
<i>Taylorella equigenitalis</i>	<i>Xanthomonas alfalfae</i> pv alfalfae	<i>Xanthomonas perforans</i>
<i>Terrimonas ferruginea</i>	<i>Xanthomonas alfalfae</i> ss citrumelonis	<i>Xanthomonas pisi</i>
<i>Tetragenococcus halophilus</i> ss halophilus	<i>Xanthomonas arboricola</i> pv celebensis	<i>Xanthomonas sacchari</i>
<i>Tetragenococcus solitarius</i>	<i>Xanthomonas arboricola</i> pv corylina	<i>Xanthomonas theicola</i>
<i>Tetrasphaera duodecadis</i>	<i>Xanthomonas arboricola</i> pv fragariae	<i>Xanthomonas translucens</i> pv cerealis
<i>Trabulsiella guamensis</i>	<i>Xanthomonas arboricola</i> pv juglandis A	<i>Xanthomonas translucens</i> pv graminis
<i>Trueperella bernardiae</i>	<i>Xanthomonas arboricola</i> pv juglandis B	<i>Xanthomonas translucens</i> pv secalis
<i>Trueperella pyogenes</i>	<i>Xanthomonas arboricola</i> pv populi	<i>Xanthomonas translucens</i> pv translucens A
<i>Tsukamurella inchonensis</i>	<i>Xanthomonas arboricola</i> pv pruni	<i>Xanthomonas translucens</i> pv translucens B
<i>Tsukamurella paurometabola</i>	<i>Xanthomonas axonopodis</i> pv axonopodis	<i>Xanthomonas translucens</i> pv undulosa
<i>Tsukamurella pulmonis</i>	<i>Xanthomonas axonopodis</i> pv begoniae A	<i>Xanthomonas vasicola</i> pv holcicola A
<i>Tsukamurella tyrosinosolvans</i>	<i>Xanthomonas axonopodis</i> pv begoniae B	<i>Xanthomonas vasicola</i> pv holcicola B
<i>Turicella otitidis</i>	<i>Xanthomonas axonopodis</i> pv cassiae	<i>Xanthomonas vesicatoria</i> A
<i>Vagococcus fessus</i>	<i>Xanthomonas axonopodis</i> pv dieffenbachiae	<i>Xanthomonas vesicatoria</i> B
<i>Vagococcus fluvialis</i>	<i>Xanthomonas axonopodis</i> pv glycines A	<i>Xenorhabdus bovienii</i>
<i>Vagococcus lutrae</i>	<i>Xanthomonas axonopodis</i> pv glycines B	<i>Xenorhabdus nematophila</i>
<i>Vagococcus salmoninarum</i> (26C)	<i>Xanthomonas axonopodis</i> pv nakataecorchori	<i>Yersinia aldovae</i>
<i>Variovorax paradoxus</i>	<i>Xanthomonas axonopodis</i> pv phaseoli A	<i>Yersinia aleksiciae</i>



## GENIII AEROBIC

*Yersinia bercovieri*  
*Yersinia enterocolitica* ss enterocolitica  
*Yersinia enterocolitica* ss palearctica  
*Yersinia frederiksenii*  
*Yersinia intermedia*  
*Yersinia kristensenii*  
*Yersinia massiliensis*  
*Yersinia mollaretii*  
*Yersinia pseudotuberculosis*  
*Yersinia rohdei*  
*Yersinia ruckeri*  
*Yersinia similis*

## ANAEROBIC BACTERIA (361 taxa)

*Abiotrophia defectiva*  
*Acetivibrio ethanolignus*  
*Acetoanaerobium noterae*  
*Acidaminococcus fermentans*  
*Actinobaculum schaalii*  
*Actinobaculum suis*  
*Actinomyces bovis* BGA  
*Actinomyces bovis* BGB  
*Actinomyces europaeus*  
*Actinomyces graevenitzii*  
*Actinomyces howellii*  
*Actinomyces hyovaginalis*  
*Actinomyces israelii*  
*Actinomyces meyeri*  
*Actinomyces naeslundii/viscosus*  
*Actinomyces neuii*  
*Actinomyces odontolyticus*  
*Actinomyces radingae*  
*Actinomyces slackii*  
*Actinomyces turicensis*  
*Anaerobiospirillum succiniproducens*  
*Anaeromusa acidaminophila*  
*Anaerorhabdus furcosa*  
*Anaerosinus glycerini*  
*Arcanobacterium pyogenes*  
*Atopobium fessor*  
*Atopobium minutum*  
*Atopobium parvulum*  
*Bacteroides caccae*  
*Bacteroides coagulans*  
*Bacteroides distasonis*  
*Bacteroides eggerthii*  
*Bacteroides forsythus*  
*Bacteroides fragilis* BGA  
*Bacteroides fragilis* BGB  
*Bacteroides helcogenes*  
*Bacteroides merdae*  
*Bacteroides ovatus*  
*Bacteroides pectinophilus*  
*Bacteroides putredinis*  
*Bacteroides pyogenes*  
*Bacteroides splanchnicus*  
*Bacteroides stercoris*  
*Bacteroides suis*  
*Bacteroides tectus*  
*Bacteroides thetaiotaomicron*  
*Bacteroides uniformis*  
*Bacteroides ureolyticus*  
*Bacteroides vulgatus*

*Bifidobacterium adolescentis*  
*Bifidobacterium angulatum*  
*Bifidobacterium animalis*  
*Bifidobacterium asteroides*  
*Bifidobacterium bifidum*  
*Bifidobacterium boum*  
*Bifidobacterium breve*  
*Bifidobacterium catenulatum*  
*Bifidobacterium choerinum*  
*Bifidobacterium coryneforme*  
*Bifidobacterium cuniculi* *Bifidobacterium*  
*dentium* *Bifidobacterium gallicum*  
*Bifidobacterium gallinarum*  
*Bifidobacterium indicum*  
*Bifidobacterium infantis*  
*Bifidobacterium longum*  
*Bifidobacterium magnum*  
*Bifidobacterium merycicum*  
*Bifidobacterium minimum*  
*Bifidobacterium pseudocatenulatum*  
*Bifidobacterium pseudolongum* ss *globosum*  
*Bifidobacterium pseudolongum* ss *pseudolongum*  
*Bifidobacterium pullorum*  
*Bifidobacterium ruminantium*  
*Bifidobacterium saeculare*  
*Bifidobacterium subtile*  
*Bifidobacterium suis*  
*Bifidobacterium thermophilum*  
*Bilophila wadsworthia*  
*Butyrivibrio fibrisolvens*  
*Campylobacter curvus/gracilis*  
*Campylobacter rectus*  
*Catonella morbi*  
*Centipeda periodontii*  
*Clostridium absonum*  
*Clostridium acetobutylicum*  
*Clostridium aerotolerans*  
*Clostridium "aminobutyricum"*  
*Clostridium aminophilum*  
*Clostridium aminovalericum*  
*Clostridium barati*  
*Clostridium botulinum*  
*Clostridium cadaveris*  
*Clostridium carnis*  
*Clostridium cellobioparum*  
*Clostridium cellulolyticum*  
*Clostridium clostridiiforme*  
*Clostridium coccoides*  
*Clostridium cochlearium*  
*Clostridium cocleatum*  
*Clostridium colinum*  
*Clostridium cylindrosporium*  
*Clostridium difficile*  
*Clostridium fallax*  
*Clostridium glycolicum*  
*Clostridium hastiforme*  
*Clostridium hydroxybenzoicum*  
*Clostridium innocuum*  
*Clostridium intestinale*  
*Clostridium irregularis*  
*Clostridium magnum*  
*Clostridium malenominatum*  
*Clostridium nexile*  
*Clostridium novyi*  
*Clostridium orbiscindens*  
*Clostridium oroticum*

*Clostridium papyrosolvens*  
*Clostridium paraputrificum*  
*Clostridium pasteurianum*  
*Clostridium perfringens*  
*Clostridium propionicum*  
*Clostridium purinolyticum*  
*Clostridium putrificum*  
*Clostridium ramosum*  
*Clostridium rectum*  
*Clostridium saccharolyticum*  
*Clostridium sardiniensis*  
*Clostridium sartagoformum*  
*Clostridium scatologenes*  
*Clostridium scindens*  
*Clostridium septicum*  
*Clostridium sordelli*  
*Clostridium sphenoides*  
*Clostridium spiroforme*  
*Clostridium sporogenes*  
*Clostridium sporosphaeroides*  
*Clostridium sticklandii*  
*Clostridium subterminale*  
*Clostridium symbiosum*  
*Clostridium tertium*  
*Clostridium tetani*  
*Clostridium tetanomorphum*  
*Clostridium tyrobutyricum*  
*Clostridium/Eubacterium species*  
*Collinsella aerofaciens*  
*Coprococcus catus*  
*Dendrosporobacter quercicolus*  
*Desulfobulbus elongatus*  
*Desulfomonas pigra*  
*Desulfomonile tiedjei*  
*Desulfovibrio desulfuricans* ss *desulfuricans*  
*Desulfovibrio fructosivorans*  
*Desulfovibrio vulgaris* ss *vulgaris*  
*Eggerthella lenta*  
*Eikenella corrodens*  
*Eubacterium angustum*  
*Eubacterium barkeri*  
*Eubacterium bifforme*  
*Eubacterium brachy*  
*Eubacterium budayi*  
*Eubacterium combesii*  
*Eubacterium contortum*  
*Eubacterium cylindroides*  
*Eubacterium desmolans*  
*Eubacterium dolichum*  
*Eubacterium fissicatena*  
*Eubacterium hallii*  
*Eubacterium limosum* BGA  
*Eubacterium limosum* BGB  
*Eubacterium moniliforme*  
*Eubacterium multiforme*  
*Eubacterium nodatum*  
*Eubacterium plautii*  
*Eubacterium saburreum*  
*Eubacterium tortuosum*  
*Eubacterium uniforme*  
*Eubacterium yurii* ss *margaretiae*  
*Eubacterium yurii* ss *schtitka*  
*Eubacterium yurii* ss *yurii*  
*Facklamia hominis*  
*Facklamia sourekkii*  
*Falcivibrio grandis*

## ANAEROBIC BACTERIA

Falcivibrio vaginalis  
Filifactor alocis  
Filifactor villosus  
Finegoldia magna  
Fusobacterium gonidiaformans  
Fusobacterium naviforme  
Fusobacterium necrogenes  
Fusobacterium necrophorum  
Fusobacterium nucleatum ss animalis  
Fusobacterium nucleatum ss fusiforme  
Fusobacterium nucleatum ss nucleatum  
Fusobacterium nucleatum ss polymorphum  
Fusobacterium nucleatum ss vincentii  
Fusobacterium russii  
Fusobacterium simiae  
Fusobacterium ulcerans  
Fusobacterium varium  
Gardnerella vaginalis  
Gemella bergeri  
Gemella haemolysans  
Gemella morbillorum  
Granulicatella adiacens  
Hallella seregens  
Lactobacillus acetotolerans  
Lactobacillus acidophilus BGA  
Lactobacillus acidophilus BGB  
Lactobacillus alimentarius  
Lactobacillus amylovorus  
Lactobacillus aviarius ss araffinosus  
Lactobacillus aviarius ss aviarius  
Lactobacillus bifermens  
Lactobacillus brevis  
Lactobacillus buchneri  
Lactobacillus casei  
Lactobacillus catenaformis  
Lactobacillus collinoides  
Lactobacillus coryniformis ss coryniformis  
Lactobacillus coryniformis ss torquens  
Lactobacillus crispatus  
Lactobacillus curvatus  
Lactobacillus delbrueckii ss bulgaricus  
Lactobacillus delbrueckii ss delbrueckii  
Lactobacillus delbrueckii ss lactis  
Lactobacillus farciminis  
Lactobacillus fermentum  
Lactobacillus fructivorans  
Lactobacillus fructosus  
Lactobacillus gasseri  
Lactobacillus hamsteri  
Lactobacillus helveticus  
Lactobacillus hilgardii  
Lactobacillus jensenii  
Lactobacillus kefiri  
Lactobacillus malefermentans  
Lactobacillus mali/sakei ss sakei  
Lactobacillus murinus/paracasei ss tolerans  
Lactobacillus oris/parabuchneri  
Lactobacillus paracasei ss paracasei  
Lactobacillus pentosus  
Lactobacillus plantarum  
Lactobacillus reuteri  
Lactobacillus rhamnosus  
Lactobacillus salivarius ss salicinius  
Lactobacillus salivarius ss salivarius  
Lactobacillus sanfranciscensis  
Lactobacillus suebicus

Lactobacillus vaginalis  
Lactococcus garvieae  
Lactococcus lactis ss cremoris  
Lactococcus lactis ss hordniae  
Lactococcus lactis ss lactis  
Lactococcus plantarum  
Lactococcus raffinolactis  
Leuconostoc carnosum  
Leuconostoc citreum  
Leuconostoc fallax  
Leuconostoc gelidum  
Leuconostoc lactis  
Leuconostoc mesenteroides ss cremoris  
Leuconostoc mesenteroides ss dextransicum  
Leuconostoc mesenteroides ss mesenteroides  
Megamonas hypermegale  
Megasphaera cerevisiae  
Megasphaera elsdenii  
Micromonas micros  
Mobiluncus curtisii  
Mobiluncus mulieris  
Mongibacterium timidum  
Pectinatus cerevisiophilus  
Pectinatus frisingensis  
Pediococcus acidilactici  
Pediococcus dextrinicus  
Pediococcus parvulus  
Pediococcus pentosaceus  
Pediococcus urinaeequi  
Peptostreptococcus anaerobius  
Peptostreptococcus asaccharolyticus  
Peptostreptococcus barnesae  
Peptostreptococcus hydrogenalis  
Peptostreptococcus indolicus  
Peptostreptococcus lacrimalis  
Peptostreptococcus lactolyticus  
Peptostreptococcus prevotii  
Peptostreptococcus tetradius  
Peptostreptococcus vaginalis  
Porphyromonas asaccharolytica  
Porphyromonas circumdentaria/endodontalis  
Porphyromonas gingivalis  
Porphyromonas levii  
Porphyromonas macacae  
Prevotella bivia  
Prevotella buccae  
Prevotella buccalis  
Prevotella corporis  
Prevotella denticola  
Prevotella disiens (GNR Kan-R setup)  
Prevotella disiens (Standard AN setup)  
Prevotella heparinolytica  
Prevotella intermedia  
Prevotella loescheii  
Prevotella nigrescens  
Prevotella oralis  
Prevotella oris (GNR Kan-R setup)  
Prevotella oulora  
Prevotella species  
Propionibacterium acidipropionici  
Propionibacterium acnes  
Propionibacterium avidum  
Propionibacterium freudenreichii ss freudenreichii  
Propionibacterium granulosum  
Propionibacterium jensenii  
Propionibacterium lymphophilum

Propionibacterium propionicus  
Propionibacterium thoenii  
Pseudoramibacter alactolyticus  
Rikenella microfusum  
Ruminococcus gnavus  
Ruminococcus hansenii  
Ruminococcus lactaris  
Ruminococcus productus  
Ruminococcus torques  
Sarcina maxima  
Sarcina ventriculi  
Sebaldella termitidis  
Selenomonas flueggei  
Selenomonas infelix  
Selenomonas noxia  
Selenomonas sputigena  
Slackia heliotrinireducens  
Sporolactobacillus inulinus  
Sporomusa acidovorans  
Sporomusa ovata  
Sporomusa sphaeroides  
Staphylococcus aureus ss anaerobius  
Staphylococcus saccharolyticus  
Streptococcus alactolyticus  
Streptococcus anginosus  
Streptococcus bovis  
Streptococcus macacae  
Streptococcus mutans  
Streptococcus pleomorphus  
Streptococcus suis  
Streptococcus thermophilus  
Succinivibrio dextrinosolvens  
Sutterella wadsworthensis  
Tetragenococcus halophilus  
Tissierella praeacuta  
Veillonella atypica/caviae/dispar/parvula  
Veillonella criceti  
Veillonella ratti  
Weissella confusa  
Weissella halotolerans/hellenica  
Weissella kandleri  
Weissella minor  
Weissella paramesenteroides  
Weissella viridescens  
Wolinella succinogenes  
Zymomonas mobilis ss mobilis  
Zymophilus paucivorans/raffinosisivorans

## YEASTS (267 taxa)

Arthroascus javanensis  
Bulleromyces albus  
Candida aaseri A  
Candida aaseri B  
Candida albicans  
Candida apicola  
Candida azyma  
Candida blankii  
Candida boidinii  
Candida bombi  
Candida cantarelli  
Candida cariosilignicola  
Candida castellii  
Candida catenulata  
Candida diddensiae

## YEASTS

*Candida diversa*  
*Candida edax*  
*Candida entomophila*  
*Candida ergastensis*  
*Candida etchellsii*  
*Candida famata*  
*Candida fluvialtilis*  
*Candida freyschussii*  
*Candida friedrichii*  
*Candida fructus*  
*Candida fusiformata*  
*Candida galacta*  
*Candida geochares*  
*Candida glabrata*  
*Candida glaebosea*  
*Candida gropengiesseri*  
*Candida haemulonii*  
*Candida humilis*  
*Candida incommunis*  
*Candida insectalens*  
*Candida insectamans*  
*Candida insectorum*  
*Candida intermedia*  
*Candida ishiwadae*  
*Candida magnoliae*  
*Candida maltosa*  
*Candida maris*  
*Candida maritima*  
*Candida melibiosica*  
*Candida mogii*  
*Candida montana*  
*Candida multigemmis*  
*Candida musae*  
*Candida nemodendra*  
*Candida nitratophila*  
*Candida norvegica*  
*Candida oleophila*  
*Candida parapsilosis A*  
*Candida parapsilosis B*  
*Candida pararugosa*  
*Candida peltata*  
*Candida pinus*  
*Candida rugosa A*  
*Candida rugosa B*  
*Candida sake*  
*Candida salmanticensis*  
*Candida santamariae*  
*Candida savonica*  
*Candida shehatae*  
*Candida shehatae var shehatae*  
*Candida silvae*  
*Candida silvatica*  
*Candida solani*  
*Candida sonorensis*  
*Candida sorbophila*  
*Candida sorboxylosa*  
*Candida spandovensis*  
*Candida succiphila*  
*Candida tropicalis A*  
*Candida tropicalis B*  
*Candida vanderwaltii*  
*Candida vartiovaarai*  
*Candida versatilis*  
*Candida viswanathii*  
*Candida wickerhamii*  
*Candida zeylanoides*

*Citeromyces matritensis*  
*Clavispora lusitaniae*  
*Cryptococcus albidus*  
*Cryptococcus albidus var aerius*  
*Cryptococcus albidus var albidus*  
*Cryptococcus albidus var diffluens*  
*Cryptococcus amylolentus*  
*Cryptococcus curvatus A*  
*Cryptococcus curvatus B*  
*Cryptococcus dimennae*  
*Cryptococcus gastricus*  
*Cryptococcus kuetzingii*  
*Cryptococcus laurentii*  
*Cryptococcus luteolus*  
*Cryptococcus macerans*  
*Cryptococcus magnus*  
*Cryptococcus magnus var aerius*  
*Cryptococcus marinus*  
*Cryptococcus skinneri*  
*Cryptococcus terreus A*  
*Cryptococcus terreus B*  
*Cryptococcus terreus C*  
*Cryptococcus tsukubaensis*  
*Debaryomyces castellii*  
*Debaryomyces hansenii A*  
*Debaryomyces hansenii B*  
*Debaryomyces hansenii C*  
*Debaryomyces hansenii var fabryi*  
*Debaryomyces maramus*  
*Debaryomyces polymorphus*  
*Debaryomyces vanrijiae*  
*Dekkera anomala*  
*Dekkera bruxellensis A*  
*Dekkera bruxellensis B*  
*Dekkera custersiana*  
*Dekkera naardenensis*  
*Dipodascus capitatus*  
*Dipodascus ovetensis*  
*Endomyces fibuliger*  
*Endomycopsella vivi*  
*Eremothecium ashbyi*  
*Fellomyces fuzhouensis*  
*Filobasidiella neoformans bacillisporus*  
*Filobasidiella neoformans neoformans A*  
*Filobasidiella neoformans neoformans B*  
*Filobasidium uniguttulatum*  
*Galactomyces geotrichum*  
*Geotrichum terrestre*  
*Guilliermondella selenospora*  
*Hanseniaspora guilliermondii/uvorum/valb*  
*Hanseniaspora occidentalis*  
*Hanseniaspora osmophila/vineae*  
*Hyphopichia burtonii A*  
*Hyphopichia burtonii B*  
*Hyphopichia burtonii C*  
*Issatchenkia orientalis*  
*Issatchenkia scutulata*  
*Issatchenkia scutulata var exigua*  
*Issatchenkia scutulata var scutula*  
*Kluyveromyces delphensis*  
*Kluyveromyces lactis*  
*Kluyveromyces lodderae*  
*Kluyveromyces marxianus*  
*Kluyveromyces thermotolerans*  
*Kluyveromyces wickerhamii*  
*Kurtzmanomyces nectairei*  
*Lodderomyces elongisporus*

*Metschnikowia pulcherrima*  
*Metschnikowia reukaufii*  
*Metschnikowia zobellii*  
*Nadsonia fulvescens*  
*Pachysolen tannophilus*  
*Phaffia rhodozyma*  
*Pichia alni*  
*Pichia amenthionina var amethionina*  
*Pichia amenthionina var pachy*  
*Pichia amylophila/mississippiensis*  
*Pichia angusta*  
*Pichia anomala*  
*Pichia bispora*  
*Pichia canadensis*  
*Pichia carsonii*  
*Pichia etchellsii*  
*Pichia fabianii*  
*Pichia farinosa/muscicola*  
*Pichia fermentans*  
*Pichia fluxuum*  
*Pichia glucozyma/methanolica*  
*Pichia guilliermondii A*  
*Pichia guilliermondii B*  
*Pichia haplophila*  
*Pichia holstii*  
*Pichia jadinii*  
*Pichia kluyveri*  
*Pichia media*  
*Pichia membranaefaciens*  
*Pichia mexicana*  
*Pichia minuta*  
*Pichia muscicola*  
*Pichia norvegensis*  
*Pichia ohmeri A*  
*Pichia ohmeri B*  
*Pichia onychis*  
*Pichia opuntiae*  
*Pichia pastoris*  
*Pichia petersonii*  
*Pichia pijperi*  
*Pichia pini*  
*Pichia rabaulensis*  
*Pichia rhodanensis*  
*Pichia silvicola*  
*Pichia spartinae*  
*Pichia stipitis*  
*Pichia subpelliculosa*  
*Pichia sydowiorum*  
*Pichia thermotolerans*  
*Pichia toletana*  
*Pichia trehalophila*  
*Pichia triangularis*  
*Rhodospiridium diobovatum*  
*Rhodospiridium sphaerocarpum*  
*Rhodospiridium toruloides*  
*Rhodotorula acheniorum*  
*Rhodotorula acuta*  
*Rhodotorula araucariae*  
*Rhodotorula aurantiaca A*  
*Rhodotorula aurantiaca B*  
*Rhodotorula bacarum*  
*Rhodotorula glutinis*  
*Rhodotorula glutinis var glutinis*  
*Rhodotorula graminis*  
*Rhodotorula hylophila*  
*Rhodotorula minuta*

## YEASTS

Rhodotorula minuta var minuta  
Rhodotorula mucilaginosa  
Rhodotorula muscorum  
Rhodotorula philyla  
Rhodotorula pustula  
Saccharomyces bayanus  
Saccharomyces boulardii  
Saccharomyces cerevisiae A/Tor.pretorien  
Saccharomyces cerevisiae B  
Saccharomyces dairensis  
Saccharomycodes ludwigii  
Saccharomycopsis capsularis  
Saturnospora dispersa  
Schizoblastosporon starkeyi-henricii  
Schizosaccharomyces japonicus  
Schizosaccharomyces japonicus var japoni  
Schizosaccharomyces octosporus  
Schizosaccharomyces pombe  
Schizosaccharomyces pombe var malidevora  
Schwanniomycetes occidentalis  
Sporidiobolus johnsonii A  
Sporidiobolus johnsonii B  
Sporidiobolus johnsonii C  
Sporidiobolus pararoseus A  
Sporidiobolus pararoseus B  
Sporobolomyces albo-rubescens  
Sporopachydermia cereana  
Sporopachydermia lactativora  
Stephanoascus ciferrii  
Sterigmatomyces elviae  
Sterigmatomyces halophilus  
Torulaspora delbrueckii  
Torulaspora globosa  
Trichosporon beigelii A  
Trichosporon beigelii B  
Trichosporon brassicae  
Trichosporon inkin  
Trigonopsis triangularis/variabilis  
Ustilago maydis  
Wickerhamiella domercqiae  
Williopsis californica  
Williopsis saturnus  
Williopsis saturnus var mrakii  
Williopsis saturnus var saturnus  
Wingea robertsiae  
Yarrowia lipolytica  
Zygoascus hellenicus  
Zygosaccharomyces baillii  
Zygosaccharomyces bisporus  
Zygosaccharomyces cidri  
Zygosaccharomyces fermentati  
Zygosaccharomyces florentinus  
Zygosaccharomyces microellipsoides/mraki  
Zygosaccharomyces rouxii

## FILAMENTOUS FUNGI (710 taxa)

Absidia californica J.Ellis & Hesseltine BGA  
Absidia californica J.Ellis & Hesseltine BGB  
Absidia corymbifera (Cohn) Sacc. & Trotter  
Absidia cylindrospora var cylindrospora Hagen  
Absidia glauca Hagen  
Absidia spinosa var spinosa Lendner  
Acremonium atrogriseum (Panaseko) W. Gams  
Acremonium bacillisporum (Onions & Barron)  
W.Gams  
Acremonium berkeleyanum (P. Karsten) W. Gams

Acremonium breve (Sukapure & Thirumalachar)  
W. Gams BGA  
Acremonium breve (Sukapure & Thirumalachar)  
W. Gams BGB  
Acremonium charticola (Lindau) W. Gams  
Acremonium furcatum (F. & V. Moreau) ex W. Gams  
Acremonium fusidioides (Nicot) W.Gams  
Acremonium hyalinulum  
Acremonium kiliense Gruetz  
Acremonium murorum var felinum (Marchal)  
S. Hughes  
Acremonium murorum var murorum (Corda)  
W. Gams  
Acremonium polychromum (v. Beyma) W. Gams  
Acremonium potronii Vuill. BGA  
Acremonium potronii Vuill. BGB  
Acremonium strictum W. Gams BGA  
Acremonium strictum W. Gams BGB  
Acrodontium crateriforme (van Beyma) de Hoog  
Acrodontium griseum (Fassatiova) de Hoog BGA  
Acrodontium griseum (Fassatiova) de Hoog BGB  
Acrodontium salmoneum de Hoog BGA  
Acrodontium salmoneum de Hoog BGB  
Acrodontium simplex (Mangenot) de Hoog  
Actinomucor elegans (Eidam) C.R. Benjamin &  
Hesseltine BGA  
Actinomucor elegans (Eidam) C.R. Benjamin &  
Hesseltine BGB  
Alternaria alternata (Fr.) Keissl BGA  
Alternaria alternata (Fr.) Keissl BGB  
Alternaria alternata (Fr.) Keissl BGC  
Amorphotheca resinae D. Parbery  
Aphanocladium album (Preuss) W. Gams  
Apiospora montagnei Sacc.  
Arthrinium phaeospermum (Corda) M.B. Ellis  
Aspergillus aculeatus Izuka  
Aspergillus aeneus Sappa  
Aspergillus aspersescens Stolk  
Aspergillus aureolatus  
Muntanola-Cvctkovic & Bata BGA  
Aspergillus aureolatus  
Muntanola-Cvctkovic & Bata BGB  
Aspergillus auricomus (Guegen) Saito  
Aspergillus avanaceus G. Smith  
Aspergillus awamori Nakazawa  
Aspergillus brasiliensis  
Aspergillus brevipes G.Smith  
Aspergillus caesiellus Saito  
Aspergillus caespitosus Raper & Thom BGA  
Aspergillus caespitosus Raper & Thom BGB  
Aspergillus candidus Link BGA  
Aspergillus candidus Link BGB  
Aspergillus carbonarius (Bainier) Thom  
Aspergillus carneus (V. Tiegham) Blockwitz BGA  
Aspergillus carneus (V. Tiegham) Blockwitz BGB  
Aspergillus cervinus Massee BGA  
Aspergillus cervinus Massee BGB  
Aspergillus clavatus Desm.  
Aspergillus egyptiacus Moubasher & Moustafa  
Aspergillus elegans Gasperini  
Aspergillus flavofurcatus Batista & Maia  
Aspergillus flavus var flavus Link BGA  
Aspergillus flavus var flavus Link BGB  
Aspergillus flavus var flavus Link BGC  
Aspergillus flavus var flavus Link BGD  
Aspergillus foetidus Thom & Raper

Aspergillus fumigatus var fumigatus Fresen. BGA  
Aspergillus fumigatus var fumigatus Fresen. BGB  
Aspergillus fumigatus var fumigatus Fresen. BGC  
Aspergillus furniculosus G. Smith  
Aspergillus giganteus Wehmer  
Aspergillus japonicus var japonicus K. Saito  
Aspergillus kanagawaensis Nehira BGA  
Aspergillus kanagawaensis Nehira BGB  
Aspergillus lanosus Kamal & Bhargava  
Aspergillus malignus Lindt  
Aspergillus niger v. Tiegham BGA  
Aspergillus niger v. Tiegham BGB  
Aspergillus niger v. Tiegham BGC  
Aspergillus niger v. Tiegham BGE  
Aspergillus niger v. Tiegham BGF  
Aspergillus nutans Mclennan & Ducker  
Aspergillus ochraceus K. Wilhelm BGA  
Aspergillus ochraceus K. Wilhelm BGB  
Aspergillus oryzae var oryzae (Ahlburg) Cohn  
Aspergillus ostianus Wehmer BGA  
Aspergillus ostianus Wehmer BGB  
Aspergillus pallidus Kamyschko  
Aspergillus parasiticus Speare BGA  
Aspergillus parasiticus Speare BGB  
Aspergillus parvulus G. Sm.  
Aspergillus penicilliformis Kamyschko  
Aspergillus petrakii Voros  
Aspergillus phoenicis (Corda) Thom BGA  
Aspergillus phoenicis (Corda) Thom BGB  
Aspergillus proliferans G. Smith  
Aspergillus pulverulentus (McAlp.) Thom  
Aspergillus puniceus Kwon & Fennell  
Aspergillus raperi Stolk & J.A. Meyer  
Aspergillus restrictus G. Smith BGA  
Aspergillus restrictus G. Smith BGB  
Aspergillus sclerotiorum Huber  
Aspergillus sepultus Tuthill & Christensen  
Aspergillus sparsus Raper & Thom  
Aspergillus spelunceus Raper & Fennell  
Aspergillus sulphureus (A. fresenii) Subramanian  
Aspergillus sydowii (Brainier & Sartory)  
Thom & Church BGA  
Aspergillus sydowii (Brainier & Sartory)  
Thom & Church BGB  
Aspergillus sydowii (Brainier & Sartory)  
Thom & Church BGC  
Aspergillus sydowii (Brainier & Sartory)  
Thom & Church BGD  
Aspergillus tamarii Kita  
Aspergillus terreus var africanus Fennell & Rapier  
Aspergillus terreus var terreus Thom BGA  
Aspergillus terreus var terreus Thom BGC  
Aspergillus terricola Marchal  
Aspergillus terricola var americanus Marchal  
Aspergillus ustus (Bainier) Thom & Church BGA  
Aspergillus ustus (Bainier) Thom & Church BGB  
Aspergillus versicolor (Vuill.) Tirab. BGA  
Aspergillus versicolor (Vuill.) Tirab. BGB  
Aspergillus versicolor (Vuill.) Tirab. BGC  
Aspergillus versicolor (Vuill.) Tirab. BGD  
Aspergillus violaceofuscus Gasperini  
Aspergillus wentii Wermer  
Aspergillus zonatus Zonatus  
Aureobasidium pullulans var pullulans  
(de Barry) G. Arnaud BGA  
Aureobasidium pullulans var pullulans

## FILAMENTOUS FUNGI

(de Barry) G. Arnaud BGB

*Basipetospora halophila* (J.F.H. Beyma)

Pitt & A.D. Hocking

*Beauveria bassiana* (Bals.) Vuillemin BGA

*Beauveria bassiana* (Bals.) Vuillemin BGB

*Bionectria aureofulva* (formerly *Nectria*) Cooke & Ellis

(anam. *Clonostachys* sp.)

*Bionectria sesquicillii* (formerly *Nectria*) Samuels

(anam. *Clonostachys* sp.)

*Blastobotrys elegans* de Hoog et al. BGA

*Blastobotrys elegans* de Hoog et al. BGB

*Botryosporium longibrachiatum* (Oud.) Maire

*Botrytis aclada* Fresen.

*Botrytis cinerea* Pers. BGA

*Botrytis cinerea* Pers. BGB

*Bulleromyces albus* Boekhout & A. Fonesca

*Byssochlamys fulva* Olliver & G. Smith BGA

*Byssochlamys fulva* Olliver & G. Smith BGB

*Byssochlamys nivea* Westling

*Candida albicans* var *albicans* (Robin) Berkhout

*Candida insectorum* D.B. Scott et al.

*Candida intermedia* var *intermedia*

(AS) (Ciferri & Ash.) Lang. & Guerra

*Candida montana* S. Goto & Oguri

*Candida parapsilosis* var *parapsilosis* (Ashford)

Langeron and Talice

*Candida rugosa* var *rugosa*

(H.W. Anderson) Diddens & Lodder

*Candida sake* (Saito & Oda) v. Uden & Buckley

*Candida sorbophila* (Nakase) S.A. Meyer & Yarrow

*Candida zeylanoides* var *zeylanoides*

(Castellani) Langeron and Guerra

*Cephalophora tropica* Thaxter

*Cerinosterium cyanescens* (de Hoog & de Vries)

R.T. Moore

*Chaetomium funicola* Cooke

*Chaetomium globosum* Kunze: Fries

*Chaetosartorya stromatoides* Wiley & Simmons

*Chrysosporium indicum* (Randhawa & Sandhu) Garg

(anam. *Aspergillus stromatoides*)

*Chrysosporium inops* Carmichael

*Chrysosporium keratinophilum* D.Frey ex

Charmichael

*Chrysosporium merdarium* (Link: Fries) Carmichael.

*Chrysosporium pannicola* (Corda) van Oorschot &

Stalpers

*Cladosporium cladosporioides* (Fresenius)

de Vries BGA

*Cladosporium cladosporioides* (Fresenius)

de Vries BGB

*Cladosporium cladosporioides* (Fresenius)

de Vries BGC

*Cladosporium cladosporioides* (Fresenius)

de Vries BGD

*Cladosporium herbarum* (Persoon:Fries) Link BGA

*Cladosporium herbarum* (Persoon:Fries) Link BGB

*Cladosporium herbarum* (Persoon:Fries) Link BGC

*Cladosporium macrocarpum* Preuss

*Cladosporium sphaerospermum* Penzing BGA

*Cladosporium sphaerospermum* Penzing BGB

*Cladosporium tenuissimum* Cooke BGA

*Cladosporium tenuissimum* Cooke BGB

*Clonostachys rosea* (Link: Fries) Schroers, Samuels,

Seifert & W. Gams BGA

*Clonostachys rosea* (Link: Fries) Schroers, Samuels,

Seifert & W. Gams BGB

*Colletotrichum acutatum* Simmonds BGA

*Colletotrichum acutatum* Simmonds BGB

*Colletotrichum apicis* (H. Sydow) E. Butler & Bisby

*Colletotrichum coccodes* (Wallroth) Hughes BGA

*Colletotrichum coccodes* (Wallroth) Hughes BGB

*Colletotrichum coffeanum* Noack

*Colletotrichum crassipes* (Spegazzini) von Arx

*Colletotrichum dematium* (Persoon: Fries) Grove

*Colletotrichum destructivum* O'Gara BGA

*Colletotrichum destructivum* O'Gara BGB

*Colletotrichum gloeosporioides* (Penzig) Penzig &

Saccardo BGA

*Colletotrichum gloeosporioides* (Penzig) Penzig &

Saccardo BGB

*Colletotrichum lindemuthianum* (Saccardo &

Magnus) Briosi & Cavara

*Colletotrichum trichellum* (Fries) Duke

*Colletotrichum trifolii* Bain & Essary BGA

*Colletotrichum trifolii* Bain & Essary BGB

*Colletotrichum truncatum* (Schweinitz) Andrus &

Moore BGA

*Colletotrichum truncatum* (Schweinitz) Andrus &

Moore BGB

*Coniothyrium olivaceum* Bonorden

(*Microsphaeropsis olivacea*)

*Cryptococcus albidus* var *albidus* (Saito)

Skinner et al.

*Cryptococcus laurentii* var *laurentii*

(Kufferath) Skinner BGA

*Cryptococcus laurentii* var *laurentii* (Kufferath)

Skinner BGB

*Cryptococcus terreus* di Menna

*Cunninghamella elegans* Lendner

*Curvularia lunata* var *lunata* (Wakker) Boedijn BGA

*Curvularia lunata* var *lunata* (Wakker) Boedijn BGB

*Debaryomyces castellii* Capriotti

*Debaryomyces hansenii* var *hansenii*

(Zopf) Lodder and Kreger-v.Rij BGA

*Debaryomyces hansenii* var *hansenii*

(Zopf) Lodder and Kreger-v.Rij BGA

*Debaryomyces hansenii* var *hansenii*

(Zopf) Lodder and Kreger-v.Rij BGA

*Debaryomyces hansenii* var *hansenii*

(Zopf) Lodder and Kreger-v.Rij BGA

*Debaryomyces occidentalis* var *occidentalis*

(Klocker) Kurtzman & Robnett

*Debaryomyces polymorphus* var

*polymorphus* (Klocker) C.W. Price & Phaff

*Dekkera bruxellensis*

Van der Walt (anam. *Brettanomyces bruxellensis*)

*Doratomyces microsporus* (Saccardo)

Morton & G. Smith

*Doratomyces stemonitis* (Persoon:Fries) Morton &

G. Smith

*Emericella fruticulosa* (Raper & Fennel) Malloch &

Cain (anam. *Aspergillus truticans*)

*Emericella nidulans* var *nidulans* (Eidam) Vuillemin

(anam. *Aspergillus nidulellus*)

*Emericella quadrilineata* (Thom & Raper) C.R.

Benjamin BGA (anam. *Aspergillus tetrazonus*)

*Emericella quadrilineata* (Thom & Raper) C.R.

Benjamin BGB (anam. *Aspergillus tetrazonus*)

*Emericella rugulosa* (Thom & Raper) C.R. Benjamin

(anam. *Aspergillus rugulovalvus*)

*Emericella striata* (J.N. Rai et al.) Malloch & Cain (anam.

*Aspergillus striatulus*)

*Emericella unguis* Malloch & Cain BGA (anam.

*Aspergillus unguis*)

*Emericella unguis* Malloch & Cain BGB (anam.

*Aspergillus unguis*)

*Emericella variegata* var *variegata* Berk. & Br. In

Berk. (anam. *Aspergillus stellifer*)

*Emericella violacea* (Fennel & Raper) Malloch & Cain

(anam. *Aspergillus violaccobrunneus*)

*Endomyces fibuliger* Lindner

*Engyodontium album* (Limber) de Hoog

*Epicoccum nigrum* (E. purapurascens) Link BGA

*Epicoccum nigrum* (E. purapurascens) Link BGB

*Epicoccum nigrum* (E. purapurascens) Link BGC

*Eremascus fertilis* Stoppel

*Eupenicillium baarnense* (van Beyma) Stolk & Scott

(anam. *Penicillium turbatum*)

*Eupenicillium brefeldianum* (Dodge) Stolk & Scott

(anam. *Penicillium dodgei*)

*Eupenicillium cinnamopurpureum* D.B. Scott &

Stolk BGA

*Eupenicillium cinnamopurpureum* D.B. Scott &

Stolk BGB

*Eupenicillium crustaceum* Ludwig

(anam. *Penicillium nilense*)

*Eupenicillium euglaucum* (van Beyma)

Stolk & Samson

*Eupenicillium javanicum* var *javanicum* (Van

Beyma) Stolk and Scott

*Eupenicillium lapidosum* Scott & Stolk (anam.

*Penicillium lapidosum*)

*Eupenicillium meridianum* Scott (anam. *Penicillium*

*decumbens*)

*Eupenicillium pinetorum* Stolk (anam. *Penicillium*

*fuscum*)

*Eurotium amstelodami* Mangin BGA (anam.

*Aspergillus hollandicus*)

*Eurotium amstelodami* Mangin BGB (anam.

*Aspergillus hollandicus*)

*Eurotium amstelodami* Mangin BGC (anam.

*Aspergillus hollandicus*)

*Eurotium chevalieri* L.Mangin BGA (anam. *Aspergillus*

*equitis*)

*Eurotium chevalieri* L.Mangin BGB (anam. *Aspergillus*

*equitis*)

*Eurotium chevalieri* L.Mangin BGC (anam. *Aspergillus*

*equitis*)

*Eurotium echinulatum* Delacroix BGA (anam.

*Aspergillus echinulatus*)

*Eurotium echinulatum* Delacroix BGB (anam.

*Aspergillus echinulatus*)

*Eurotium herbariorum* (Wiggers:Fries) BGA Link

*Eurotium herbariorum* (Wiggers:Fries) BGB Link

*Eurotium herbariorum* (Wiggers:Fries) BGC Link

*Eurotium herbariorum* (Wiggers:Fries) BGD Link

*Eurotium intermedium* Blaser (anam. *Aspergillus*

*intermedium*)

*Eurotium rubrum* Konig et al. BGA (anam. *Aspergillus*

*rubrobrunneus*)

*Eurotium rubrum* Konig et al. BGB (anam. *Aspergillus*

*rubrobrunneus*)

*Eurotium spiculosum* Blaser BGA (anam. *Aspergillus*

*spiculosum*)

*Eurotium spiculosum* Blaser BGB (anam. *Aspergillus*

*spiculosum*)

*Fennellia flavipes* Wiley & Simmons (anam. *Aspergillus*

*flavipes*)



## FILAMENTOUS FUNGI

- Fennellia flavipes* Wiley & Simmons BGB (anam. *Aspergillus flavipes*)  
*Fennellia flavipes* Wiley & Simmons BGC (anam. *Aspergillus flavipes*)  
*Fennellia nivea* (Wiley & Simmons) Samson BGA (anam. *Aspergillus niveus*)  
*Fennellia nivea* (Wiley & Simmons) Samson BGB (anam. *Aspergillus niveus*)  
*Fusarium acuminatum* Ellis & Everh. (teleo. *Gibberella acuminatum*)  
*Fusarium annulatum* Bugnicourt  
*Fusarium avenaceum* (Corda:Fries) Saccardo BGA (teleo. *Gibberella avenacea*)  
*Fusarium avenaceum* (Corda:Fries) Saccardo BGB (teleo. *Gibberella avenacea*)  
*Fusarium avenaceum* (Corda:Fries) Saccardo BGC (teleo. *Gibberella avenacea*)  
*Fusarium avenaceum* (Corda:Fries) Saccardo BGD (teleo. *Gibberella avenacea*)  
*Fusarium avenaceum* (Corda:Fries) Saccardo BGE (teleo. *Gibberella avenacea*)  
*Fusarium aywerte* Sangalang & L.W. Burgess  
*Fusarium brevicatenuatum* Nirenberg & O'Donnell  
*Fusarium camptoceras* Wollenweber & Reinking  
*Fusarium cerealis* (F. crookwellense) Burgess, Nelson & Toussoun BGA  
*Fusarium cerealis* (F. crookwellense) Burgess, Nelson & Toussoun BGB  
*Fusarium chlamydosporum* var *chlamydosporum* Wollenweber & Reinking  
*Fusarium ciliatum* Link  
*Fusarium coccocicola* P. Henn. (F. juruanum) (teleo. *Nectria diplos*)  
*Fusarium compactum* (Wollenweber) Gordon  
*Fusarium culmorum* (W.G. Smith) Saccardo BGA  
*Fusarium culmorum* (W.G. Smith) Saccardo BGB  
*Fusarium decemcellulare* Brick (teleo. *Nectria rigidiuscula*)  
*Fusarium equiseti* (Corda) Saccardo (teleo. *Gibberella intricans*)  
*Fusarium eumartii* Carpenter (teleo. *Nectria haematococca*)  
*Fusarium flocciferum* Corda (teleo. *Gibberella heterochroma*)  
*Fusarium fujikuroi* Nirenberg (teleo. *Gibberella fujikuroi*)  
*Fusarium globosum* Rheeder, Marasas & Nelson  
*Fusarium graminearum* Schwabe BGA (teleo. *Gibberella zeae*)  
*Fusarium graminearum* Schwabe BGB (teleo. *Gibberella zeae*)  
*Fusarium graminearum* Schwabe BGC (teleo. *Gibberella zeae*)  
*Fusarium graminum* Corda  
*Fusarium heterosporum* Nees:Fries BGA (teleo. *Gibberella gordonia*)  
*Fusarium heterosporum* Nees:Fries BGB (teleo. *Gibberella gordonia*)  
*Fusarium incarnatum* (F. pallidoroseum) (Cooke) Sacc.  
*Fusarium lactis* Pirota & Riboni  
*Fusarium lateritium* var *lateritium* Nees (teleo. *Gibberella baccata*)  
*Fusarium longipes* Wollenweber & Reinking  
*Fusarium melanochlorum* (Caspary) Saccardo (teleo. *Nectria flavoviridis*)  
*Fusarium merismoides* var *merismoides* Corda  
*Fusarium nurragai* Summerell & L.W. Burgess  
*Fusarium oxysporum* Schlechtendahl:Fries BGA  
*Fusarium oxysporum* Schlechtendahl:Fries BGB  
*Fusarium oxysporum* Schlechtendahl:Fries  
*Fusarium poae* (Peck) Wollenweber BGA  
*Fusarium poae* (Peck) Wollenweber BGB  
*Fusarium poae* (Peck) Wollenweber BGC  
*Fusarium proliferatum* var *proliferatum* (Matsush.) Nirenberg BGA (teleo. *Gibberella intermedia*)  
*Fusarium proliferatum* var *proliferatum* (Matsush.) Nirenberg BGB (teleo. *Gibberella intermedia*)  
*Fusarium pseudoanthophilum* Nirenberg & O'Donnell  
*Fusarium pseudograminearum* Aoki & O'Donnell (teleo. *Gibberella coronicola*)  
*Fusarium ramigenum* Nirenberg & O'Donnell  
*Fusarium redolens* Wollenweber  
*Fusarium reticulatum* var *reticulatum* Mont. (teleo. *Gibberella cyanea*)  
*Fusarium robustum* Gerlach  
*Fusarium sacchari* (Butler) W. Gams BGA  
*Fusarium sacchari* (Butler) W. Gams BGB  
*Fusarium sambucinum* var *sambucinum* Fuckel (teleo. *Gibberella pulicaris*)  
*Fusarium solani* (Martius) Sacc. BGA  
*Fusarium solani* (Martius) Sacc. BGB  
*Fusarium solani* (Martius) Sacc. BGC  
*Fusarium sporotrichioides* var *minus* Wollenweber BGA  
*Fusarium sporotrichioides* var *minus* Wollenweber BGB  
*Fusarium sporotrichioides* var *sporotrichioides* Sherb. BGA  
*Fusarium sporotrichioides* var *sporotrichioides* Sherb. BGB  
*Fusarium stilboides* Wollenweber BGA (teleo. *Gibberella stilboides*)  
*Fusarium stilboides* Wollenweber BGB (teleo. *Gibberella stilboides*)  
*Fusarium stilboides* Wollenweber BGC (teleo. *Gibberella stilboides*)  
*Fusarium subglutinans* (Wollenweber & Reinking) Nelson et al. BGA (teleo. *Gibberella subglutinans*)  
*Fusarium subglutinans* (Wollenweber & Reinking) Nelson et al. BGB (teleo. *Gibberella subglutinans*) missing in Air and Food  
*Fusarium thapsinum* Klittich, Leslie, Nelson & Marasas (teleo. *Gibberella thapsinum*)  
*Fusarium torulosum* (Berkeley & Curtis) Nirenberg  
*Fusarium tricinctum* (Corda) Saccardo BGA  
*Fusarium tricinctum* (Corda) Saccardo BGB  
*Fusarium tumidum* Scherbakoff (teleo. *Gibberella tumida*)  
*Fusarium udum* E. Butler  
*Fusarium venenatum* Nirenberg  
*Fusarium ventricosum* Appel & Wollenweber  
*Fusarium verticillioides* (Saccardo) Nirenberg BGA (teleo. *Gibberella moniliformis*)  
*Fusarium verticillioides* (Saccardo) Nirenberg BGB (teleo. *Gibberella moniliformis*)  
*Fusarium verticillioides* (Saccardo) Nirenberg BGC (teleo. *Gibberella moniliformis*)  
*Fusarium verticillioides* (Saccardo) Nirenberg BGE (teleo. *Gibberella moniliformis*)  
*Fusarium xylarioides* Steyaert (teleo. *Gibberella xylarioides*)  
*Geomyces pannorum* var *pannorum* (Link) Sigler and Carmichael BGA  
*Geomyces pannorum* var *pannorum* (Link) Sigler and Carmichael BGB  
*Geomyces pulvereus* Hocking & Pitt  
*Geosmithia putterillii* (Thom) Pitt  
*Geotrichum candidum* (*Galactomyces geotrichum*) (Link:Fries) BGA  
*Geotrichum candidum* (*Galactomyces geotrichum*) (Link:Fries) BGB  
*Geotrichum candidum* (*Galactomyces geotrichum*) (Link:Fries) BGC  
*Geotrichum klebahnii* (Stautz) Morenz  
*Geotrichum sericeum* (Stautz) de Hoog et al.  
*Gliocladium catenulatum* Gilman & Abbott  
*Gliocladium viride* Matruchot *Gonatobotrys simplex* Corda  
*Hanseniaspora uvarum* (Niehaus) El-Taby Shehata et al. (anam. *Kloeckera apiculata*)  
*Hanseniaspora valbyensis* Klocker BGA (anam. *Kloeckera japonica*)  
*Hanseniaspora valbyensis* Klocker BGB (anam. *Kloeckera japonica*)  
*Hemicarpentales paradoxus* Sarbhoy & Elphick (anam. *Aspergillus paradoxus*)  
*Hortaea werneckii* (Horta) Nishimura & Miyaji  
*Hyphopichia burtonii* (Boidin et al.) von Arx & Van der Walt  
*Hypocrea andinensis* Samuels & O. Petrini  
*Hypocrea aurantia* P. Hennings  
*Hypocrea aureoviridis* Plowright & Cooke in Phillips & Plowright BGA (anam. *Trichoderma aureoviride*)  
*Hypocrea aureoviridis* Plowright & Cooke in Phillips & Plowright BGB  
*Hypocrea gelatinosa* (Tode: Fr.) Fr.  
*Hypocrea jecorina* Berkeley & Broome BGA (anam. *Trichoderma reesei*)  
*Hypocrea jecorina* Berkeley & Broome BGB (anam. *Trichoderma reesei*)  
*Hypocrea jecorina* Berkeley & Broome BGC (anam. *Trichoderma reesei*)  
*Hypocrea lixii* (H. nigricans) Patouillard  
*Hypocrea novae-zelandiae* Samuels & Petrini  
*Hypocrea orientalis* Samuels & Petrini  
*Hypocrea pseudokoningii* Samuels & Petrini  
*Hypocrea schweinitzii* (Fries) Saccardo BGA (anam. *Tric. citrinoviride*)  
*Hypocrea schweinitzii* (Fries) Saccardo BGB (anam. *Tric. citrinoviride*)  
*Issatchenka orientalis* Kurtzman et al. (anam. *Candida krusei*)  
*Issatchenka scutulata* var *scutulata* (Phaff et al.) Kurtzman et al. *Kazachstania exiguous* Reess (formerly *Saccharomyces*) (anam. *Can. holmii*)  
*Kluyveromyces lactis* var *lactis* (Dombrowski) Van der Walt (anam. *Candida sphaerica*)  
*Kluyveromyces marxianus* var *marxianus* (Hansen) Van der Walt BGA (anam. *Candida kefyri*)  
*Kluyveromyces marxianus* var *marxianus* (Hansen) Van der Walt BGB (anam. *Candida kefyri*)  
*Kluyveromyces marxianus* var *marxianus* (Hansen) Van der Walt BGC (anam. *Candida kefyri*)  
*Kluyveromyces marxianus* var *marxianus* (Hansen) Van der Walt BGD (anam. *Candida kefyri*)  
*Kluyveromyces marxianus* var *marxianus* (Hansen) Van der Walt BGE (anam. *Candida kefyri*)



## FILAMENTOUS FUNGI

- Kodamaea ohmeri* (EtcHELLS & Bell) Yamada et al. (Can. guilliermondii) (teleo. Kodamaea ohmeri)
- Lecanicillium lecanii* (Zimmermann) Zare & Gams (Verticillium lecanii)
- Lecythophora hoffmannii* (van.Beyma) W. Gams & McGinnis BGA
- Lecythophora hoffmannii* (van.Beyma) W. Gams & McGinnis BGB
- Lecythophora mutabilis* (van Beyma) W. Gams & McGinnis
- Mariannaea elegans* var *elegans* (Corda) G. Amand ex Samson
- Mariannaea elegans* var *punicea* Samson
- Memnoniella echinulata* (formerly *Stachybotrys*) (Rivolta) Galloway
- Microdochium bolleyi* (Sprague) de Hoog & Hermanides-Nijhof
- Monascus ruber* v. Tieghem
- Moniliella acetoabutans* Stolk & Dakin
- Moniliella suaveolens* var *suaveolens* (Lindner) v.ArX
- Mucor circinelloides* f *circinelloides* v. Tiegham
- Mucor hiemalis* f *hiemalis* Wehmer
- Mucor mucedo* Linnaeus: Fries
- Mucor plumbeus* Bonorden BGA
- Mucor plumbeus* Bonorden BGB
- Mucor racemosus* f *racemosus* Fresen.
- Myceliophthora lutea* Costantin
- Myrothecium roridum* Tode:Fries
- Myrothecium verrucaria* (Albertini & Schweinitz:Fries) Ditmar
- Nectria haematococca* Berk. & Broome (anam. *Fusarium eumartii*)
- Nectria ochroleuca* (Schweinitz) Berkeley
- Neosartorya fischeri* var *fischeri* (Wehmer) Malloch & Cain BGA (anam. *Aspergillus .fischerianus*)
- Neosartorya fischeri* var *fischeri* (Wehmer) Malloch & Cain BGB (anam. *Aspergillus .fischerianus*)
- Neurospora crassa* Schear & Dodge
- Neurospora sitophila* Schear & Dodge
- Nigrospora oryzae* (Berkeley & Broome) Petch
- Nigrospora sphaerica* (Saccardo) Mason
- Ophiostoma piceae* (Munch) H. & P. Sydow BGA
- Ophiostoma piceae* (Munch) H. & P. Sydow BGB
- Ophiostoma ulmi* (Buisman) Nannfeldt
- Paecilomyces carneus* (DuchŽ & Heim) A. Brown & G. Smith
- Paecilomyces farinosus* (Holm:Fr.) A. Brown & G. Smith
- Paecilomyces fumosoroseus* (Wize) A. Brown & G. Smith
- Paecilomyces lilacinus* (Thom) Samson BGA
- Paecilomyces lilacinus* (Thom) Samson BGB
- Paecilomyces marquandii* (Masse) S. Hughes
- Paecilomyces variotii* (Bainier) BGA
- Paecilomyces variotii* (Bainier) BGB
- Penicillium adametzii* Zaleski BGA
- Penicillium adametzii* Zaleski BGB
- Penicillium aethiopicum* Frisvad
- Penicillium allii* Vincent & Pitt
- Penicillium argillaceum* Stolk et al.
- Penicillium atramentosum* Thom
- Penicillium aurantiogriseum* Dierckx BGA
- Penicillium aurantiogriseum* Dierckx BGB
- Penicillium aurantiovirens* Biourge
- Penicillium bilaiae* Chalabuda BGA
- Penicillium bilaiae* Chalabuda BGB
- Penicillium brevicompactum* Dierckx BGA
- Penicillium brevicompactum* Dierckx BGB
- Penicillium brevicompactum* Dierckx BGC
- Penicillium brevicompactum* Dierckx BGD
- Penicillium camembertii* Thom BGA
- Penicillium camembertii* Thom BGB
- Penicillium canescens* Sopp
- Penicillium capsulatum* Raper & Fennell
- Penicillium chermesinum* Biourge
- Penicillium chrysogenum* Thom BGA
- Penicillium chrysogenum* Thom BGB
- Penicillium chrysogenum* Thom BGC
- Penicillium chrysogenum* Thom BGD
- Penicillium chrysogenum* Thom BGE
- Penicillium chrysogenum* Thom BGF
- Penicillium chrysogenum* Thom BGG
- Penicillium citreonigrum* Dierckx BGA (teleo. *Eupenicillium euglaucum*)
- Penicillium citreonigrum* Dierckx BGB (teleo. *Eupenicillium euglaucum*)
- Penicillium citreonigrum* Dierckx BGC (teleo. *Eupenicillium euglaucum*)
- Penicillium citrinum* Thom BGA
- Penicillium citrinum* Thom BGB
- Penicillium clavigerum* Demelius
- Penicillium commune* Thom BGA
- Penicillium commune* Thom BGB
- Penicillium commune* Thom BGC
- Penicillium corylophilum* Dierckx BGA
- Penicillium corylophilum* Dierckx BGB
- Penicillium crustosum* Thom BGA
- Penicillium crustosum* Thom BGB
- Penicillium crustosum* Thom BGC
- Penicillium crustosum* Thom BGD
- Penicillium cyclopium* Westling
- Penicillium decumbens* Thom (teleo. *Eupenicillium meridianum*)
- Penicillium dierckxii* Biourge (P. fellutanum) BGA
- Penicillium dierckxii* Biourge (P. fellutanum) BGB
- Penicillium digitatum* Saccardo BGA
- Penicillium digitatum* Saccardo BGB
- Penicillium discolor* Frisvad & Samson
- Penicillium duclauxii* Delacroix
- Penicillium echinulatum* var *echinulatum* Fassatiova
- Penicillium erythromellis* Hocking
- Penicillium expansum* Link BGA
- Penicillium expansum* Link BGB
- Penicillium expansum* Link BGC
- Penicillium expansum* Link BGD
- Penicillium expansum* Link BGE
- Penicillium freii* Frisvad & Samson BGA
- Penicillium freii* Frisvad & Samson BGB
- Penicillium funiculosum* Thom BGA
- Penicillium funiculosum* Thom BGB
- Penicillium funiculosum* Thom BGC
- Penicillium funiculosum* Thom BGD
- Penicillium glabrum* (Wehmer) Westling BGC
- Penicillium glabrum* (Wehmer) Westling BGD
- Penicillium glabrum* (Wehmer) Westling BGE
- Penicillium glandicola* var *glandicola* (Oudem.) Seifert and Samson
- Penicillium griseofulvum* Dierckx BGA
- Penicillium griseofulvum* Dierckx BGB
- Penicillium herquei* Bainier & Sartory
- Penicillium hirsutum* Dierckx
- Penicillium hordei* Stolk
- Penicillium implicatum* Biourge
- Penicillium islandicum* Sopp
- Penicillium italicum* Wehmer
- Penicillium janczewskii* Zaleski BGA
- Penicillium janczewskii* Zaleski BGB
- Penicillium jensenii* Zaleski
- Penicillium lanosum* Westling
- Penicillium madriti* G.Smith
- Penicillium melanoconidium* (Frisvad) Frisvad & Samson BGA
- Penicillium melanoconidium* (Frisvad) Frisvad & Samson BGB
- Penicillium melinii* Thom
- Penicillium miczynskii* Zaleski
- Penicillium minioluteum* Dierckx BGA
- Penicillium minioluteum* Dierckx BGB
- Penicillium minioluteum* Dierckx BGC
- Penicillium montanense* M. Christensen & Backus
- Penicillium nalgiovense* Laxa
- Penicillium neoehinulatum* (Frisvad et al.) Frisvad & Samson
- Penicillium oblatum* Pitt & Hocking
- Penicillium ochrochloron* Biourge BGA
- Penicillium ochrochloron* Biourge BGB
- Penicillium olsonii* Bainier & Sartory BGA
- Penicillium olsonii* Bainier & Sartory BGB
- Penicillium olsonii* Bainier & Sartory BGC
- Penicillium olsonii* Bainier & Sartory BGD
- Penicillium oxalicum* Currie & Thom
- Penicillium paxilli* Bainier
- Penicillium phoeniceum* van.Beyma
- Penicillium piceum* Raper & Fennell
- Penicillium pinophilum* Hedgecock BGA
- Penicillium pinophilum* Hedgecock BGB
- Penicillium pinophilum* Hedgecock BGC
- Penicillium pinophilum* Hedgecock BGD
- Penicillium polonicum* Zaleski BGA
- Penicillium polonicum* Zaleski BGB
- Penicillium polonicum* Zaleski BGC
- Penicillium primulinum* Pitt
- Penicillium purpurescens* (Sopp.) Raper & Thom
- Penicillium purpurogenum* Stoll BGA
- Penicillium purpurogenum* Stoll BGB
- Penicillium purpurogenum* Stoll BGC
- Penicillium purpurogenum* var *rubrisclerotium* Thom
- Penicillium raistrickii* G.Smith
- Penicillium restrictum* Gilman & Abbott
- Penicillium roqueforti* Thom BGA
- Penicillium roqueforti* Thom BGB
- Penicillium roqueforti* Thom BGC
- Penicillium roqueforti* Thom BGD
- Penicillium roqueforti* Thom BGE
- Penicillium roqueforti* Thom BGF
- Penicillium rubrum* Stoll BGA
- Penicillium rubrum* Stoll BGB
- Penicillium rubrum* (P. crateriforme) Gilman & Abbott BGC
- Penicillium rugulosum* Thom BGA
- Penicillium rugulosum* Thom BGB
- Penicillium rugulosum* Thom BGC
- Penicillium sclerotiorum* Van.Beyma
- Penicillium siamense* Manoch & Ramirez
- Penicillium simplicissimum* (Oudem.) Thom BGA
- Penicillium simplicissimum* (Oudem.) Thom BGB
- Penicillium smithii* Quintanilla

## FILAMENTOUS FUNGI

- Penicillium solitum* Westling BGA  
*Penicillium solitum* Westling BGB  
*Penicillium solitum* Westling BGC  
*Penicillium spinulosum* Thom (P. lividum)  
*Penicillium steckii* Zaleski BGA  
*Penicillium steckii* Zaleski BGC  
*Penicillium thomii* Maire BGA  
*Penicillium thomii* Maire BGB  
*Penicillium thomii* Maire BGC  
*Penicillium tricolor* Fresvad et al.  
*Penicillium trubatum* Westling BGA (teleo.  
*Eupenicillium baarnese*)  
*Penicillium trubatum* Westling BGB (teleo.  
*Eupenicillium baarnese*)  
*Penicillium variabile* Sopp BGA  
*Penicillium variabile* Sopp BGB  
*Penicillium verrucosum* var *verrucosum* Dierckx  
*Penicillium viridicatum* Westling BGA  
*Penicillium viridicatum* Westling BGB  
*Penicillium vulpinum* (Cooke & Masee) Seifert & Samson BGA  
*Penicillium vulpinum* (Cooke & Masee) Seifert & Samson BGB  
*Pestalotiopsis maculans* (Corda) Nag Raj  
*Petromyces alliaceus* Malloch & Cain BGA (anam.  
*Aspergillus alliaceus*)  
*Petromyces alliaceus* Malloch & Cain BGB (anam.  
*Aspergillus alliaceus*)  
*Phanerochaete chrysosporium* Burdsall  
*Phialophora fastigiata* (Lagerberg & Melin) Conant  
*Phialophora malorum* (Kidd & Beaumont) McColloch  
*Phialophora richardsiae* (Nannfeldt) Conant  
*Phoma chrysanthemicola* Hollos BGA  
*Phoma chrysanthemicola* Hollos BGB  
*Phoma exigua* var *exigua* Desm.  
*Phoma glomerata* (Corda) Wollenweber & Hochapfel BGA  
*Phoma glomerata* (Corda) Wollenweber & Hochapfel BGB  
*Phoma herbarum* Westendorp  
*Phoma macrostoma* var *macrostoma* Mont.  
*Phoma multirostrata* (Mathur et al.) Dorenbosch & Boerema  
*Phoma septicidialis* Boerema  
*Phoma sorghina* (Saccardo) Boerema et al.  
*Pichia anomala* (E.C.Hansen) Kurtzman BGA  
*Pichia anomala* (E.C.Hansen) Kurtzman BGB  
*Pichia fermentans* var *fermentans* Lodder BGA (anam.  
*Candida lambica*)  
*Pichia fermentans* var *fermentans* Lodder BGB (anam.  
*Candida lambica*)  
*Pichia guilliermondii* Wickernam (anam. *Candida guilliermondii*)  
*Pichia haplophila* Shifrine & Phaff  
*Pichia membranifaciens* var *membranifaciens* Hansen (anam. *Candida valida*)  
*Pichia pastoris* (Guilliermond) Phaff  
*Pichia petersonii* (Wickerham) Kurtzman  
*Pichia spartinae* Ahearn et al.  
*Pithomyces chartarum* (Berkeley & Curtis) M.B. Ellis  
*Pithomyces sacchari* (Spegazzini) M.B. Ellis  
*Rhinocladiella atroviridis* Nannfeldt  
*Rhizomucor pusillus* (Lindt) Schipper  
*Rhizopus microsporus* var *microsporus* v. Tiegh  
*Rhizopus microsporus* var *oligosporus* (Saito) Schipper and Stalpers  
*Rhizopus oryzae* Went & Prinsen Geerlings BGA  
*Rhizopus oryzae* Went & Prinsen Geerlings BGB  
*Rhizopus oryzae* Went & Prinsen Geerlings BGC  
*Rhizopus sexualis* var *sexualis* (G. Sm.) Callen  
*Rhizopus stolonifer* var *stolonifer* (Ehrenb.:Fr.) Lindner BGA  
*Rhizopus stolonifer* var *stolonifer* (Ehrenb.:Fr.) Lindner BGB  
*Rhodotorula aurantica* (Saito) Lodder  
*Rhodotorula minuta* var *minuta* (Saito) F.C. Harrison  
*Rhodotorula mucilaginosa* var *mucilaginosa* (A.Jšrg) F.C. Harrison BGA  
*Rhodotorula mucilaginosa* var *mucilaginosa* (A.Jšrg) F.C. Harrison BGB  
*Rhodotorula muscorum* (di Menna) von Arx & Weijman  
*Saccharomyces bayanas* Sacc.  
*Saccharomyces cerevisiae* var *cerevisiae* Meyen ex E.C. Hanson BGA (anam. *Candida robusta*)  
*Saccharomyces cerevisiae* var *cerevisiae* Meyen ex E.C. Hanson BGB (anam. *Candida robusta*)  
*Saccharomyces cerevisiae* var *cerevisiae* Meyen ex E.C. Hanson BGC  
*Saccharomyces cerevisiae* var *cerevisiae* Meyen ex E.C. Hanson BGD  
*Saccharomyces cerevisiae* var *cerevisiae* Meyen ex E.C. Hanson BGE (anam. *Candida robusta*)  
*Saccharomyces cerevisiae* var *cerevisiae* Meyen ex E.C. Hanson BGF (anam. *Candida robusta*)  
*Saccharomyces cerevisiae* var *cerevisiae* Meyen ex E.C. Hanson BGG (anam. *Candida robusta*)  
*Schizosaccharomyces octosporus* var *octosporus* Beijerinck (*Octosporomyces octosporus*)  
*Schizosaccharomyces pombe* var *pombe* Lindler  
*Scopulariopsis asperula* (Saccardo) Hughes  
*Scopulariopsis brevicaulis* (Saccardo) Bainier BGA  
*Scopulariopsis brevicaulis* (Saccardo) Bainier BGB  
*Scopulariopsis brumptii* Salvanet-Duval  
*Scopulariopsis Candida* (Gužguen) Vuill.  
*Scopulariopsis chartarum* (G. Smith) Morton & G. Smith BGA  
*Scopulariopsis chartarum* (G. Smith) Morton & G. Smith BGB  
*Scopulariopsis fusca* Zach BGA  
*Scopulariopsis fusca* Zach BGB  
*Sistotrema brinkmannii* (Bresadola) John Eriksson  
*Sistotrema radulooides* (Karsten) Donk  
*Sporobolomyces roseus* var *roseus* Kluyver & Van Niel  
*Sporopachydermia ceriana* Rodrigues de Miranda  
*Sporothrix schenckii* var *schenckii* Kerktoen & Perkins  
*Stachybotrys bisbyi* (Srinavesan) Barron  
*Stachybotrys chartarum* (Ehrenberg) Hughes  
*Stachybotrys cylindrospora* C.N. Jensen  
*Sterigmatomyces elviae* Sonck & Yarrow  
*Sterigmatomyces halophilus* var *halophilus* Fell  
*Syncephalastrum racemosum* Cohn ex Schroeter  
*Talaromyces bacillisporus* C.R. Benjamin (anam. *Penicillium bacillisporum*)  
*Talaromyces flavus* var *flavus* (Klocker) Stolk & Samson (anam. *Penicillium vermiculatum*)  
*Talaromyces macrosporus* (Stolk & Samson) Frisvad et al. (anam. *Penicillium dangesrdii*)  
*Thamnidium elegans* Link:Fries  
*Tilletiopsis albescens* Gokhale  
*Torula herbarum* Link: Fries  
*Torulomyces lagena* Delitsch (*Penicillium lagena*)  
*Torulaspora delbrueckii* (Lindner) Lindner (anam. *Candida colliculosa*)  
*Trichoderma asperellum* Sammuels, Lieckfeldt & Nirenberg  
*Trichoderma atroviride* Karsten BGA  
*Trichoderma atroviride* Karsten BGB  
*Trichoderma atroviride* Karsten BGC  
*Trichoderma citrinoviride* Bissett BGA (teleo.  
*Hypocrea schweinitzii*)  
*Trichoderma citrinoviride* Bissett BGB (teleo.  
*Hypocrea schweinitzii*)  
*Trichoderma citrinoviride* Bissett BGC (teleo.  
*Hypocrea schweinitzii*)  
*Trichoderma citrinoviride* Bissett BGD (teleo.  
*Hypocrea schweinitzii*)  
*Trichoderma crassum* Bissett  
*Trichoderma fasciculatum* Bissett  
*Trichoderma fertile* Bissett  
*Trichoderma ghanense* Y. Doi, Y. Abe & J. Sugiyama  
*Trichoderma hamatum* (Bonorden) Bainier  
*Trichoderma harzianum* Rifai BGA  
*Trichoderma harzianum* Rifai BGB  
*Trichoderma harzianum* Rifai BGC  
*Trichoderma koningii* Oudemans BGA (teleo.  
*Hypocrea koningii*)  
*Trichoderma koningii* Oudemans BGB (teleo.  
*Hypocrea koningii*)  
*Trichoderma longibrachiatum* Rifai BGA  
*Trichoderma longibrachiatum* Rifai BGB  
*Trichoderma longibrachiatum* Rifai BGC  
*Trichoderma longibrachiatum* Rifai BGD  
*Trichoderma longibrachiatum* Rifai BGE  
*Trichoderma minutisporum* Bissett  
*Trichoderma oblongisporum* Bissett  
*Trichoderma piluliferum* Webster & Rifai (teleo.  
*Hypocrea pilulifera*)  
*Trichoderma polysporum* (Link:Fries) Rifai  
*Trichoderma pseudokoningii* Rifai (teleo. *Hypocrea pseudokoningii*)  
*Trichoderma reesei* Simmons BGA (teleo. *Hypocrea jecorina*)  
*Trichoderma reesei* Simmons BGB (teleo. *Hypocrea jecorina*)  
*Trichoderma saturnisporum* Hammill  
*Trichoderma spirale* Bissett  
*Trichoderma strictipile* Bissett  
*Trichoderma strigosum* Bissett  
*Trichoderma tomentosum* Bissett  
*Trichoderma virens* (Miller et al.) von Arx BGA  
*Trichoderma virens* (Miller et al.) von Arx BGB  
*Trichoderma viride* Persoon:Fries BGA  
*Trichoderma viride* Persoon:Fries BGB  
*Trichothecium roseum* (Persoon:Fries) Link  
*Trichurus spiralis* Hasselbring BGA  
*Trichurus spiralis* Hasselbring BGB  
*Tritirachium oryzae* (Vincens) de Hoog  
*Ulocladium atrum* Preuss  
*Ulocladium botrytis* Preuss BGA  
*Ulocladium botrytis* Preuss BGB  
*Ulocladium chartarum* (Preuss) Simmons  
*Ustilago maydis* (de Candolle) Corda  
*Walleimia sebi* (Fries) von Arx  
*Williopsis saturnus* var *saturnus* (Klocker) Zender  
*Yarrowia lipolytica* (Wickerham et al.) Vander Walt & von Arx (anam. *Candida lipolytica*)

## FILAMENTOUS FUNGI

*Zygorhynchus moelleri* Vuillemin

*Zygosaccharomyces bailii* var *bailii* (Lindner)

Guilliermond

*Zygosaccharomyces rouxii* (Boutroux) Yarrow

*Zygosporium mycophilum* (Vuillemin) Saccardo

# Microbial Identification Databases for Biolog Systems

Biolog microbial testing is performed in a convenient pre-filled microplate format to measure metabolic reactions. The characteristic metabolic pattern, or “fingerprint,” generated by an unknown organism is recorded and compared to hundreds of identification profiles in a corresponding Biolog Database. Databases are periodically updated to reflect the newest taxonomy, incorporate additional organisms, and add additional capabilities to meet your ongoing needs.

## Order Information

Cat #	Description
22730D	GEN III Database for Aerobic bacteria
22607D	AN Database for Anaerobic bacteria
22605D	YT Database for Yeasts
22606D	FF Database for Filamentous Fungi

For more information, contact Biolog or your authorized Biolog representative.

(Microbial ID Products Not For Human In Vitro Diagnostic Use)

# biolog

Biolog is a world leader in cell-based phenotypic testing technologies and assays. We have focused our efforts on developing technologies and products to test the properties of cells (phenotypes) very simply and efficiently.

Learn more at [biolog.com](https://www.biolog.com)  
or email us at [info@biolog.com](mailto:info@biolog.com)