

# Microbial Identification Databases for Biolog Systems

*Biolog's powerful carbon source 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 2900+ identification profiles of environmental and fastidious 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.*

## GEN III AEROBIC BACTERIA (1568 taxa)

Achromobacter cholinophagum	Actinobacillus ureae	Avibacterium avium
Achromobacter denitrificans/ruhländii	Actinomyces bovis	Avibacterium gallinarum
Achromobacter insolitus	Actinomyces canis	Avibacterium paragallinarum
Achromobacter piechaudii	Actinomyces hordeovulneris	Avibacterium volantium
Achromobacter ruhländii/denitrificans	Actinomyces hyovaginalis	Azospirillum brasilense
Achromobacter spanius	Actinomyces neuui ss anitratus	Azospirillum lipoferum
Achromobacter xylosoxidans ss xylosoxidans	Actinomyces neuui ss neuui	Bacillus acidicerler
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 atropheus/subtilis A
Acidovorax facilis (26C)	Aerococcus urinae	Bacillus atropheus/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 eucenophila	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 gerneri	Aeromonas media	Bacillus decisifrondis (Lysinibacillus)
Acinetobacter guillouiae	Aeromonas popoffii	Bacillus decolorationis
Acinetobacter gyllenbergii	Aeromonas salmonicida ss achromogenes	Bacillus drementensis
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 townneri	Alysiella crassa	Bacillus halmopalus
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	

### GEN III AEROBIC BACTERIA

Bacillus macauensis  
Bacillus marisflavi  
Bacillus megaterium  
Bacillus mojavensis/subtilis  
Bacillus muralis  
Bacillus murimartini/gibsonii  
Bacillus mycoides/cereus  
Bacillus nealsonii  
Bacillus niabensis  
Bacillus niacini  
Bacillus novalis  
Bacillus okuhidensis  
Bacillus oleronius  
Bacillus oshimensis  
Bacillus panaciterrae  
Bacillus patagoniensis  
Bacillus plakortidis  
Bacillus pseudomycoides/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  
Bergeriella denitrificans  
Bergeyella zoohelcum  
Bhargavaea beijingensis  
Bhargavaea ginsengi  
Bibersteinia trehalosi  
Bordetella avium  
Bordetella bronchiseptica  
Bordetella hinzii  
Bordetella holmesii  
Bordetella parapertussis  
Bordetella petrii  
Bordetella trematum  
Brachybacterium alimentarium  
Brachybacterium conglomeratum  
Brachybacterium faecium  
Brachybacterium fresconis (26C)  
Brachybacterium muris  
Brachybacterium nesterenkovii  
Brachybacterium paraconglomeratum  
Brachybacterium phenoliresistens  
Brachybacterium rhamnosum  
Brachybacterium sacelli (26C)  
Brachybacterium tyrofermentans  
Brachybacterium zhongshanense  
Brachymonas denitrificans  
Brackiella oedipodis  
Brenneria alni  
Brenneria nigrifluens  
Brenneria 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 ferrugutiae  
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 gambrii  
Chryseobacterium gleum  
Chryseobacterium gregarium  
Chryseobacterium haifense  
Chryseobacterium hominis  
Chryseobacterium humi  
Chryseobacterium hungaricum  
Chryseobacterium indologenes  
Chryseobacterium indoltheticum  
Chryseobacterium jejuense  
Chryseobacterium joostei  
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 wanjuense  
Citrobacter amalonaticus  
Citrobacter braakii  
Citrobacter farmeri  
Citrobacter freundii  
Citrobacter gillienii  
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  
Comamonas aquatica  
Comamonas denitrificans  
Comamonas kerstersii  
Comamonas terrigena  
Comamonas testosteroni  
Corynebacterium accolens  
Corynebacterium afermentans ss afermentans  
Corynebacterium afermentans ss lipophilum  
Corynebacterium ammoniagenes  
Corynebacterium amycolatum  
Corynebacterium appendicis  
Corynebacterium argentoratense

### GEN III AEROBIC BACTERIA

<i>Corynebacterium aurimucosum</i>	<i>Curtobacterium flaccumfaciens</i> pv <i>flaccumfaciens</i>	<i>Escherichia hermannii</i>
<i>Corynebacterium auris</i>	<i>Curtobacterium flaccumfaciens</i> pv <i>oortii</i>	<i>Escherichia vulneris</i>
<i>Corynebacterium auriscanis</i>	<i>Curtobacterium flaccumfaciens</i> pv <i>poinsettiae</i>	<i>Ewingella americana</i>
<i>Corynebacterium bovis</i>	<i>Curtobacterium herbarum</i>	<i>Exiguobacterium acetyllicum</i>
<i>Corynebacterium callunae</i>	<i>Curtobacterium luteum</i>	<i>Exiguobacterium aurantiacum</i>
<i>Corynebacterium camporealensis</i>	<i>Curtobacterium pusillum</i>	<i>Exiguobacterium undae</i>
<i>Corynebacterium canis</i>	<i>Deinococcus proteolyticus</i>	<i>Facklamia hominis</i>
<i>Corynebacterium capitovis</i>	<i>Deinococcus radiodurans</i>	<i>Facklamia sourekkii</i>
<i>Corynebacterium confusum</i>	<i>Deinococcus radiophilus</i>	<i>Fictibacillus arsenicus</i>
<i>Corynebacterium coyleae</i>	<i>Deinococcus radiopugnans</i>	<i>Flavobacterium flevense</i>
<i>Corynebacterium cystitidis</i>	<i>Delftia acidovorans</i>	<i>Flavobacterium hydatis</i> (26C)
<i>Corynebacterium diphtheriae</i>	<i>Delftia tsuruhatensis</i>	<i>Flavobacterium johnsoniae</i>
<i>Corynebacterium durum</i>	<i>Dermacoccus hominis</i>	<i>Francisella philomiragia</i> ss <i>philomiragia</i>
<i>Corynebacterium efficiens</i>	<i>Dermacoccus nishinomiyaensis</i>	<i>Franconibacter helveticus</i>
<i>Corynebacterium falsenii</i>	<i>Dickeya chrysanthemi</i>	<i>Franconibacter pulveris</i>
<i>Corynebacterium felinum</i>	<i>Dickeya dianthicola</i>	<i>Gallibacterium anatis</i>
<i>Corynebacterium flavescens</i>	<i>Dickeya solani</i>	<i>Gallibacterium genomospecies</i> 1
<i>Corynebacterium freneyi</i>	<i>Dietzia maris</i>	<i>Gardnerella vaginalis</i>
<i>Corynebacterium glucuronolyticum</i>	<i>Dolosicoccus paucivorans</i>	<i>Gemella bergeri</i>
<i>Corynebacterium glutamicum</i>	<i>Dolosigranulum pigrum</i>	<i>Gemella cuniculi</i>
<i>Corynebacterium hanseni</i>	<i>Dysgonomonas capnocytophagoidea</i>	<i>Gemella haemolysans</i>
<i>Corynebacterium imitans</i>	<i>Edwardsiella hoshinae</i>	<i>Gemella morbillorum</i>
<i>Corynebacterium jeikeium</i>	<i>Edwardsiella ictaluri</i>	<i>Gemella palaticanis</i>
<i>Corynebacterium kroppenstedtii</i>	<i>Edwardsiella tarda</i>	<i>Gemella sanguinis</i>
<i>Corynebacterium kutscheri</i>	<i>Eikenella corrodens</i>	<i>Geobacillus stearothermophilus</i> (45-55C)
<i>Corynebacterium lipophiloflavum</i>	<i>Elizabethkingia meningoseptica</i>	<i>Globicatella sanguinis</i>
<i>Corynebacterium macginleyi</i>	<i>Elizabethkingia miricola</i>	<i>Gordonia aichiensis</i>
<i>Corynebacterium mastitidis</i>	<i>Empedobacter brevis</i>	<i>Gordonia alkanivorans</i>
<i>Corynebacterium matruchotii</i>	<i>Ensifer meliloti</i>	<i>Gordonia amicalis</i>
<i>Corynebacterium minutissimum</i>	<i>Enterobacter aerogenes</i> (Kleb. mobilis)	<i>Gordonia bronchialis</i>
<i>Corynebacterium mucifaciens</i>	<i>Enterobacter asburiae</i>	<i>Gordonia desulfuricans</i>
<i>Corynebacterium mycetoides</i>	<i>Enterobacter cancerogenus</i>	<i>Gordonia effusa</i>
<i>Corynebacterium phocae</i>	<i>Enterobacter cloacae</i> ss <i>cloacae</i>	<i>Gordonia hirsuta</i>
<i>Corynebacterium pilosum</i>	<i>Enterobacter cloacae</i> ss <i>dissolvens</i>	<i>Gordonia namibiensis</i>
<i>Corynebacterium pseudodiphtheriticum</i> /propinquum (CDC.ANF-3)	<i>Enterobacter hormaechei</i> ss <i>hormaechei</i>	<i>Gordonia otitidis</i>
<i>Corynebacterium pseudotuberculosis</i>	<i>Enterobacter kobei</i>	<i>Gordonia polyisopenivorans</i>
<i>Corynebacterium renale</i>	<i>Enterococcus asini</i>	<i>Gordonia rhizosphaera</i>
<i>Corynebacterium riegliei</i>	<i>Enterococcus avium</i>	<i>Gordonia rubripertincta</i>
<i>Corynebacterium simulans</i>	<i>Enterococcus canintestini</i>	<i>Gordonia shandongensis</i>
<i>Corynebacterium singulare</i>	<i>Enterococcus casseliflavus</i>	<i>Gordonia sputi</i>
<i>Corynebacterium spheniscorum</i>	<i>Enterococcus cecorum</i>	<i>Gordonia terrae</i>
<i>Corynebacterium striatum</i>	<i>Enterococcus columbae</i>	<i>Gracilibacillus boracitolterans</i>
<i>Corynebacterium terpenotabidum</i>	<i>Enterococcus devriesei</i>	<i>Gracilibacillus diposauri</i>
<i>Corynebacterium testudinoris</i>	<i>Enterococcus dispar</i>	<i>Gracilibacillus lacticisali</i>
<i>Corynebacterium thomssenii</i>	<i>Enterococcus durans</i>	<i>Gracilibacillus saliphilus</i>
<i>Corynebacterium tuberculostearicum</i>	<i>Enterococcus faecalis</i>	<i>Granulicatella adiacens</i>
<i>Corynebacterium ulcerans</i>	<i>Enterococcus faecium</i>	<i>Granulicatella elegans</i>
<i>Corynebacterium urealyticum</i>	<i>Enterococcus gallinarum</i>	<i>Grimontia hollisae</i> (26C)
<i>Corynebacterium variabile</i>	<i>Enterococcus gilvus</i>	<i>Haemophilus aegyptius</i>
<i>Corynebacterium vitaeruminis</i>	<i>Enterococcus haemoperoxidus</i>	<i>Haemophilus ducreyi</i>
<i>Corynebacterium xerosis</i>	<i>Enterococcus hirae</i>	<i>Haemophilus felis</i>
<i>Cosenzaea myxofaciens</i>	<i>Enterococcus malodoratus</i>	<i>Haemophilus haemoglobinophilus</i>
<i>Cronobacter dublinensis</i> ss <i>dublinensis</i>	<i>Enterococcus mundtii</i>	<i>Haemophilus haemolyticus</i>
<i>Cronobacter dublinensis</i> ss <i>lactaridi</i>	<i>Enterococcus pallens</i>	<i>Haemophilus influenzae</i>
<i>Cronobacter dublinensis</i> ss <i>lausannensis</i>	<i>Enterococcus pseudoavium</i>	<i>Haemophilus paracuniculus</i>
<i>Cronobacter malonaticus</i>	<i>Enterococcus raffinosus</i>	<i>Haemophilus parahaemolyticus</i>
<i>Cronobacter muytjensii</i>	<i>Enterococcus ratti</i>	<i>Haemophilus parainfluenzae</i>
<i>Cronobacter sakazakii</i>	<i>Enterococcus saccharolyticus</i> ss <i>saccharolyticus</i>	<i>Haemophilus paraphrohaemolyticus</i>
<i>Cronobacter turicensis</i>	<i>Enterococcus sulfureus</i>	<i>Haemophilus parasuis</i>
<i>Cronobacter universalis</i>	<i>Enterococcus villorum</i>	<i>Hafnia alvei</i>
<i>Cupriavidus campinensis</i>	<i>Eremococcus coleocola</i>	<i>Halomonas species</i> ( <i>Pseudomonas bathycetes</i> )
<i>Cupriavidus gilardii</i>	<i>Erwinia amylovora</i>	<i>Helcococcus kunzii</i>
<i>Cupriavidus necator</i>	<i>Erwinia persicina</i>	<i>Helcococcus ovis/sueciensis</i>
<i>Cupriavidus oxalaticus</i>	<i>Erwinia rhapontici</i>	<i>Helcococcus sueciensis/ovis</i>
<i>Cupriavidus pauculus</i>	<i>Erysipelothrix rhusiopathiae/tonsillarum</i>	<i>Herbaspirillum frisingense</i>
<i>Cupriavidus taiwanensis</i>	<i>Escherichia albertii</i>	<i>Herbaspirillum huttiense</i> ss <i>huttiense</i>
<i>Curtobacterium albidum</i>	<i>Escherichia coli</i>	<i>Herbaspirillum rubrisubalbicans</i>
<i>Curtobacterium citreum</i>	<i>Escherichia coli</i> inactive	<i>Herbaspirillum seropedicae</i>
<i>Curtobacterium flaccumfaciens</i> pv <i>betae</i>	<i>Escherichia coli</i> O157:H7	<i>Histophilus somni</i>
	<i>Escherichia fergusonii</i>	<i>Hydrogenophaga palleronii</i> (26C)

### GEN III AEROBIC BACTERIA

Hydrogenophaga taeniospiralis  
Ignavigranum rouffiae  
Inquilinus limosus  
Insolitispirillum peregrinum ss integrum  
Insolitispirillum peregrinum ss peregrinum  
Iodobacter fluviatilis  
Janibacter anophelis/hoylei  
Janibacter hoylei/anophelis  
Janthinobacterium lividum (26C)  
Jonesia denitrificans  
Kerstersia 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 farciminis  
Lactobacillus fermentum  
Lactobacillus fructivorans  
Lactobacillus gasseri  
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  
Lampromedia 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 dextranicum  
Leuconostoc mesenteroides ss mesenteroides  
Leuconostoc pseudomesenteroides  
Listeria grayi  
Listeria innocua/welshimeri/seeligeri  
Listeria ivanovii ss ivanovii  
Listeria ivanovii ss londoniensis  
Listeria monocytogenes  
Listeria rocourtiae  
Listeria seeligeri/welshimeri/innocua  
Listeria welshimeri/innocua/seeligeri  
Lonpinella koalarum  
Lonsdalea quercina ss quercina  
Lysinibacillus boronitolerans  
Lysinibacillus fusiformis  
Lysinibacillus odysseyi  
Lysinibacillus sphaericus  
Macrococcus bovicus  
Macrococcus brunensis  
Macrococcus carousselicus  
Macrococcus caseolyticus  
Macrococcus equiperficus  
Mannheimia glucosida  
Mannheimia granulomatis  
Mannheimia haemolytica  
Mannheimia ruminalis  
Mannheimia varigena  
Massilia aerilata  
Massilia albidiflava  
Massilia aurea  
Massilia brevitalea  
Massilia dura  
Massilia lutea  
Massilia niabensis  
Massilia niastensis  
Massilia plicata  
Massilia timonae  
Methylobacterium extorquens  
Methylobacterium fujisawaense  
Methylobacterium radiotolerans  
Methylobacterium rhodinum  
Microbacterium arborescens  
Microbacterium barkeri  
Microbacterium dextranolyticum  
Microbacterium esteraromaticum  
Microbacterium flavescens  
Microbacterium imperiale  
Microbacterium lacticum  
Microbacterium laevaniformans  
Microbacterium liquefaciens  
Microbacterium maritopicum  
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 boevrei  
Moraxella bovis  
Moraxella bovovuli  
Moraxella canis  
Moraxella caprae  
Moraxella catarrhalis  
Moraxella caviae  
Moraxella cuniculi  
Moraxella equi  
Moraxella lincolni  
Moraxella nonliquefaciens  
Moraxella osloensis  
Moraxella ovis  
Moraxella pluranimalium  
Morganella morganii ss morganii  
Morganella morganii ss sibonii  
Mycobacterium abscessus ss abscessus  
Mycobacterium aichiense/novocastrense  
Mycobacterium alvei  
Mycobacterium aurum  
Mycobacterium brumae  
Mycobacterium chelonae ss chelonae  
Mycobacterium chubuense  
Mycobacterium confluentis  
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

### GEN III AEROBIC BACTERIA

<i>Neisseria flavescens</i>	<i>Nocardia testacea</i>	<i>Paenibacillus odorifer</i>
<i>Neisseria gonorrhoeae</i>	<i>Nocardia thailandica</i>	<i>Paenibacillus pabuli/taichungensis</i>
<i>Neisseria lactamica</i>	<i>Nocardia transvalensis</i>	<i>Paenibacillus panacisoli</i>
<i>Neisseria macacae</i>	<i>Nocardia uniformis</i>	<i>Paenibacillus pasadenensis</i>
<i>Neisseria meningitidis</i>	<i>Nocardia vermiculata</i>	<i>Paenibacillus peoriae</i>
<i>Neisseria mucosa</i>	<i>Nocardia veterana</i>	<i>Paenibacillus polymyxa</i>
<i>Neisseria perflava</i>	<i>Nocardia vinacea</i>	<i>Paenibacillus popilliae</i>
<i>Neisseria polysaccharea</i>	<i>Nocardia xishanensis</i>	<i>Paenibacillus provencensis</i>
<i>Neisseria shayeganii</i>	<i>Nocardia yamanashiensis</i>	<i>Paenibacillus rhizosphaerae/cineris/favisporus</i>
<i>Neisseria sicca</i>	<i>Novosphingobium capsulatum</i>	<i>Paenibacillus sabiniae</i>
<i>Neisseria subflava</i>	<i>Novosphingobium resinovorum</i>	<i>Paenibacillus sanguinis</i>
<i>Neisseria wadsworthii</i>	<i>Obesumbacterium proteus</i>	<i>Paenibacillus soli</i>
<i>Neisseria weaveri</i>	<i>Oceanimonas doudoroffii</i>	<i>Paenibacillus stellifer</i>
<i>Neisseria zoodegmatis</i>	<i>Ochrobactrum anthropi</i>	<i>Paenibacillus taichungensis/pabuli</i>
<i>Nesterenkonia sandarakina</i>	<i>Ochrobactrum grignonense</i>	<i>Paenibacillus tarimensis</i>
<i>Nicoletella semolina</i>	<i>Ochrobactrum intermedium</i>	<i>Paenibacillus terrae</i>
<i>Nocardia abscessus</i>	<i>Ochrobactrum tritici</i>	<i>Paenibacillus terrigena</i>
<i>Nocardia acidivorans</i>	<i>Oerskovia enterophila</i>	<i>Paenibacillus thiaminolyticus</i>
<i>Nocardia africana</i>	<i>Oerskovia turbata</i>	<i>Paenibacillus timonensis</i>
<i>Nocardia alba</i>	<i>Oligella ureolytica</i>	<i>Paenibacillus tundrae</i>
<i>Nocardia altamirensis</i>	<i>Oligella urethralis</i>	<i>Paenibacillus turicensis</i>
<i>Nocardia amamiensis</i>	<i>Ornithobacterium rhinotracheale</i>	<i>Paenibacillus validus</i>
<i>Nocardia anaemiae</i>	<i>Paenibacillus agarexedens</i>	<i>Paenibacillus woosongensis</i>
<i>Nocardia aobensis</i>	<i>Paenibacillus agaridevorans</i>	<i>Paenibacillus wynnii</i>
<i>Nocardia araoensis</i>	<i>Paenibacillus alkaliterrae</i>	<i>Paenibacillus xinjiangensis</i>
<i>Nocardia arthritis</i>	<i>Paenibacillus alvei</i>	<i>Paenibacillus xylanexedens</i>
<i>Nocardia asiatica</i>	<i>Paenibacillus amylolyticus</i>	<i>Paenibacillus xylanilyticus</i>
<i>Nocardia asteroides</i>	<i>Paenibacillus anaericanus</i>	<i>Paenibacillus zanthoxyli</i>
<i>Nocardia beijingensis</i>	<i>Paenibacillus apiarius</i>	<i>Pandoraea apista</i>
<i>Nocardia brasiliensis</i>	<i>Paenibacillus assamensis</i>	<i>Pandoraea norimbergensis</i>
<i>Nocardia brevicatena</i>	<i>Paenibacillus azoreducens</i>	<i>Pandoraea pnomenusae</i>
<i>Nocardia caishijiensis</i>	<i>Paenibacillus barcinonensis</i>	<i>Pandoraea pulmonicola</i>
<i>Nocardia carnea</i>	<i>Paenibacillus barengoltzii</i>	<i>Pandoraea sputorum</i>
<i>Nocardia cerradoensis/kruczakiae</i>	<i>Paenibacillus borealis</i>	<i>Pantoea agglomerans</i>
<i>Nocardia concava</i>	<i>Paenibacillus brasiliensis</i>	<i>Pantoea ananatis pv ananatis</i>
<i>Nocardia coubleae/ignorata</i>	<i>Paenibacillus campinasensis</i>	<i>Pantoea ananatis pv uvodovora</i>
<i>Nocardia cyriacigeorgica</i>	<i>Paenibacillus castaneae</i>	<i>Pantoea cypripedii</i>
<i>Nocardia elegans</i>	<i>Paenibacillus cellulosityticus</i>	<i>Pantoea dispersa</i>
<i>Nocardia exalbida</i>	<i>Paenibacillus chibensis</i>	<i>Pantoea eucrinea</i>
<i>Nocardia farcinica</i>	<i>Paenibacillus chinjuensis</i>	<i>Pantoea stewartii ss stewartii</i>
<i>Nocardia flavorosea</i>	<i>Paenibacillus chondroitinus</i>	<i>Paraburkholderia andropogonis</i>
<i>Nocardia fluminea</i>	<i>Paenibacillus cineris/favisporus/rhizosphaerae</i>	<i>Paraburkholderia caledonica</i>
<i>Nocardia gamkensis</i>	<i>Paenibacillus cookii</i>	<i>Paraburkholderia caribensis</i>
<i>Nocardia higoensis/shimofusensis</i>	<i>Paenibacillus curdianolyticus</i>	<i>Paraburkholderia caryophylli</i>
<i>Nocardia ignorata/coupleae</i>	<i>Paenibacillus daejeonensis</i>	<i>Paraburkholderia fungorum</i>
<i>Nocardia inohanensis</i>	<i>Paenibacillus durus</i>	<i>Paraburkholderia glathei</i>
<i>Nocardia jejuensis</i>	<i>Paenibacillus ehimensis</i>	<i>Paraburkholderia graminis</i>
<i>Nocardia jiangxiensis</i>	<i>Paenibacillus elgii</i>	<i>Paraburkholderia kururiensis</i>
<i>Nocardia kruczakiae/cerradoensis</i>	<i>Paenibacillus favisporus/rhizosphaerae/cineris</i>	<i>Paraburkholderia phenazinium</i>
<i>Nocardia lijiangensis</i>	<i>Paenibacillus fonticola</i>	<i>Paraburkholderia terricola</i>
<i>Nocardia mexicana</i>	<i>Paenibacillus forsythiae</i>	<i>Paracoccus yeei</i>
<i>Nocardia miyunensis</i>	<i>Paenibacillus ginsengarvi</i>	<i>Pasteurella aerogenes</i>
<i>Nocardia neocaledoniensis</i>	<i>Paenibacillus ginsengihumi</i>	<i>Pasteurella bettyae</i>
<i>Nocardia niigatensis</i>	<i>Paenibacillus glucanolyticus</i>	<i>Pasteurella caballi</i>
<i>Nocardia ninae</i>	<i>Paenibacillus glycanilyticus</i>	<i>Pasteurella canis/stomatis</i>
<i>Nocardia nova</i>	<i>Paenibacillus graminis</i>	<i>Pasteurella dagmatis</i>
<i>Nocardia otitidiscaviarum</i>	<i>Paenibacillus harenae</i>	<i>Pasteurella langaaensis</i>
<i>Nocardia paucivorans</i>	<i>Paenibacillus hodogayensis</i>	<i>Pasteurella lymphangitidis</i>
<i>Nocardia pneumoniae</i>	<i>Paenibacillus humicus</i>	<i>Pasteurella mairii</i>
<i>Nocardia polyresistens</i>	<i>Paenibacillus illinoisensis</i>	<i>Pasteurella multocida ss gallicida</i>
<i>Nocardia pseudobrasiliensis</i>	<i>Paenibacillus lactis</i>	<i>Pasteurella multocida ss multocida</i>
<i>Nocardia pseudovaccinii</i>	<i>Paenibacillus larvae ss larvae</i>	<i>Pasteurella multocida ss septica</i>
<i>Nocardia puris</i>	<i>Paenibacillus larvae ss pulvificiens</i>	<i>Pasteurella oralis</i>
<i>Nocardia salmonicida</i>	<i>Paenibacillus lautus</i>	<i>Pasteurella pneumotropica</i>
<i>Nocardia seriola</i>	<i>Paenibacillus macerans</i>	<i>Pasteurella testudinis</i>
<i>Nocardia shimofusensis/higoensis</i>	<i>Paenibacillus massiliensis</i>	<i>Pectobacterium aroidearum A</i>
<i>Nocardia sienata</i>	<i>Paenibacillus mendelii</i>	<i>Pectobacterium aroidearum B</i>
<i>Nocardia soli</i>	<i>Paenibacillus motobuensis</i>	<i>Pectobacterium atrosepticum A</i>
<i>Nocardia takedensis</i>	<i>Paenibacillus naphthalenovorans</i>	<i>Pectobacterium atrosepticum B</i>
<i>Nocardia tenerifensis</i>	<i>Paenibacillus nematophilus</i>	<i>Pectobacterium betavasculorum A</i>



### GEN III AEROBIC BACTERIA

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 damselaе ss damselaе  
Photobacterium damselaе ss piscicida  
Photobacterium leiognathi  
Photorhabdus 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 oryziphobans  
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 cerasicola  
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 eriobotryae  
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  
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 rhodochrous  
Rhodococcus rhodochrous  
Rhodococcus ruber  
Rhodococcus wratislaviensis  
Riemerella anatipestifer  
Riemerella columbina  
Roseomonas cervicalis  
Roseomonas gilardii ss gilardii  
Rothia amarae  
Rothia dentocariosa  
Rothia mucilaginoso  
Rothia nasimurium

### GEN III AEROBIC BACTERIA

Rummeliibacillus pycnos  
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 thalophilum  
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 haemolyticus  
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 xylosus  
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 didelphis  
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  
Streptococcus gallolyticus ss macedonicus  
Streptococcus gallolyticus ss pasteurianus  
Streptococcus gordonii  
Streptococcus halichoeri  
Streptococcus hyointestinalis  
Streptococcus hyovaginalis  
Streptococcus infantarius/lutetiensis/bovis (gp D)  
Streptococcus infantis  
Streptococcus iniae  
Streptococcus intermedius  
Streptococcus lutetiensis/infantarius/bovis (gp D)  
Streptococcus macacae  
Streptococcus marimammalium  
Streptococcus mitis  
Streptococcus mutans/ratti  
Streptococcus oralis  
Streptococcus orisratti  
Streptococcus ovis  
Streptococcus parasanguinis  
Streptococcus parauberis  
Streptococcus peroris  
Streptococcus phocae ss phocae  
Streptococcus plurimalium  
Streptococcus pneumoniae  
Streptococcus porcinus  
Streptococcus pseudopneumoniae  
Streptococcus pseudoporcinus  
Streptococcus pyogenes (gp A)  
Streptococcus ratti/mutans  
Streptococcus salivarius ss salivarius  
Streptococcus salivarius ss thermophilus  
Streptococcus sanguinis  
Streptococcus sinensis  
Streptococcus sobrinus  
Streptococcus suis (gp R)  
Streptococcus suis serogroup 1/2  
Streptococcus suis serogroup 4/6  
Streptococcus suis serogroup 5  
Streptococcus suis serogroup 7  
Streptococcus thoralensis  
Streptococcus uberis  
Streptococcus vestibularis  
Suttonella indologenes  
Tatumella citrea  
Tatumella morbirosei  
Tatumella ptyseos  
Tatumella punctata  
Tatumella terrea  
Taylorella equigenitalis  
Terrimonas ferruginea  
Tetragenococcus halophilus ss halophilus  
Tetragenococcus solitarius  
Tetrasphaera duodecadis  
Trabulsiella guamensis  
Trueperella bernardiae  
Trueperella pyogenes  
Tsukamurella inchonensis  
Tsukamurella paurometabola  
Tsukamurella pulmonis  
Tsukamurella tyrosinosolvans  
Turicella otitidis  
Vagococcus fessus  
Vagococcus fluvialis  
Vagococcus lutrae  
Vagococcus salmoninarum (26C)  
Variovorax paradoxus  
Vibrio aestuarius  
Vibrio alginolyticus  
Vibrio anguillarum  
Vibrio campbellii  
Vibrio cholerae  
Vibrio cholerae non O1  
Vibrio cholerae O1  
Vibrio cholerae O1/O139  
Vibrio cincinnatiensis

## GEN III AEROBIC BACTERIA

*Vibrio diazotrophicus*  
*Vibrio fluvialis*  
*Vibrio furnissii*  
*Vibrio harveyi*  
*Vibrio ichthyoenteri* (26C)  
*Vibrio metschnikovii*  
*Vibrio mimicus*  
*Vibrio natriegens*  
*Vibrio ordalii* (26C)  
*Vibrio parahaemolyticus*  
*Vibrio pelagius*  
*Vibrio proteolyticus*  
*Vibrio splendidus* (26C)  
*Vibrio tubiashii*  
*Vibrio vulnificus*  
*Virgibacillus dokdonensis*  
*Virgibacillus halodenitrificans*  
*Virgibacillus halophilus*  
*Virgibacillus marismortui*  
*Virgibacillus olivae*  
*Virgibacillus pantothenticus*  
*Virgibacillus proomii*  
*Virgibacillus salarius*  
*Virgibacillus salexigens*  
*Viridibacillus arenosi*  
*Viridibacillus arvi/neidei*  
*Viridibacillus neidei/arvi*  
*Vogesella indigofera*  
*Volucribacter amazonae*  
*Volucribacter psittacidia*  
*Weeksella virosa*  
*Weissella confusa*  
*Weissella halotolerans*  
*Weissella minor*  
*Weissella viridescens*  
*Williamsia deligens*  
*Williamsia maris* (26C)  
*Williamsia muralis*  
*Xanthomonas albilineans*  
*Xanthomonas alfalfae* pv *alfalfae*  
*Xanthomonas alfalfae* ss *citrumelonis*  
*Xanthomonas arboricola* pv *celebensis*  
*Xanthomonas arboricola* pv *corylina*  
*Xanthomonas arboricola* pv *fragariae*  
*Xanthomonas arboricola* pv *juglandis* A  
*Xanthomonas arboricola* pv *juglandis* B  
*Xanthomonas arboricola* pv *populi*  
*Xanthomonas arboricola* pv *pruni*  
*Xanthomonas axonopodis* pv *axonopodis*  
*Xanthomonas axonopodis* pv *begoniae* A  
*Xanthomonas axonopodis* pv *begoniae* B  
*Xanthomonas axonopodis* pv *cassiae*  
*Xanthomonas axonopodis* pv *dieffenbachiae*  
*Xanthomonas axonopodis* pv *glycines* A  
*Xanthomonas axonopodis* pv *glycines* B  
*Xanthomonas axonopodis* pv *nakataecorchori*  
*Xanthomonas axonopodis* pv *phaseoli* A  
*Xanthomonas axonopodis* pv *phaseoli* B  
*Xanthomonas axonopodis* pv *poinsettiicola* A  
*Xanthomonas axonopodis* pv *poinsettiicola* B  
*Xanthomonas axonopodis* pv *vasculorum* A  
*Xanthomonas axonopodis* pv *vasculorum* B  
*Xanthomonas axonopodis* pv *vitians* A  
*Xanthomonas axonopodis* pv *vitians* B  
*Xanthomonas bromi*  
*Xanthomonas campestris* pv *aberrans* A  
*Xanthomonas campestris* pv *aberrans* B  
*Xanthomonas campestris* pv *armoraciae*  
*Xanthomonas campestris* pv *barbareae*  
*Xanthomonas campestris* pv *campestris* A

*Xanthomonas campestris* pv *campestris* B  
*Xanthomonas campestris* pv *euphorbiae*  
*Xanthomonas campestris* pv *fittonia*  
*Xanthomonas campestris* pv *incanae* A  
*Xanthomonas campestris* pv *incanae* B  
*Xanthomonas campestris* pv *oryzihabitans*  
*Xanthomonas campestris* pv *plantaginis*  
*Xanthomonas campestris* pv *raphani* A  
*Xanthomonas campestris* pv *raphani* B  
*Xanthomonas campestris* pv *taraxaci*  
*Xanthomonas campestris* pv *ti* A  
*Xanthomonas campestris* pv *tl* B  
*Xanthomonas campestris* pv *uticae*  
*Xanthomonas cassavae*  
*Xanthomonas citri* pv *malvacearum*  
*Xanthomonas citri* ss *citri*  
*Xanthomonas codiae*  
*Xanthomonas cucurbitae*  
*Xanthomonas cynarae*  
*Xanthomonas dyei* pv *dysoxlyi*  
*Xanthomonas euvesicatoria* A  
*Xanthomonas euvesicatoria* B  
*Xanthomonas fuscans* ss *aurantifoli* A  
*Xanthomonas fuscans* ss *aurantifoli* B  
*Xanthomonas fuscans* ss *fuscans*  
*Xanthomonas gardneri*  
*Xanthomonas hortorum* pv *carotae* A  
*Xanthomonas hortorum* pv *carotae* B  
*Xanthomonas hortorum* pv *hederae*  
*Xanthomonas hortorum* pv *pelargonii* A  
*Xanthomonas hortorum* pv *pelargonii* B  
*Xanthomonas hyacinthi*  
*Xanthomonas melonis*  
*Xanthomonas oryzae* pv *oryzae*  
*Xanthomonas oryzae* pv *oryzicola*  
*Xanthomonas perforans*  
*Xanthomonas pisi*  
*Xanthomonas sacchari*  
*Xanthomonas theicola*  
*Xanthomonas translucens* pv *cerealis*  
*Xanthomonas translucens* pv *graminis*  
*Xanthomonas translucens* pv *secalis*  
*Xanthomonas translucens* pv *translucens* A  
*Xanthomonas translucens* pv *translucens* B  
*Xanthomonas translucens* pv *undulosa*  
*Xanthomonas vasicola* pv *holcicola* A  
*Xanthomonas vasicola* pv *holcicola* B  
*Xanthomonas vesicatoria* A  
*Xanthomonas vesicatoria* B  
*Xenorhabdus bovienii*  
*Xenorhabdus nematophila*  
*Yersinia aldovae*  
*Yersinia aleksiciae*  
*Yersinia bercovieri*  
*Yersinia enterocolitica* ss *enterocolitica*  
*Yersinia enterocolitica* ss *palaearctica*  
*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 ethanolgignens*  
*Acetoanaerobium noterae*  
*Acidaminococcus fermentans*  
*Actinobaculum schaalii*  
*Actinobaculum suis*  
*Actinomyces bovis* BGB  
*Actinomyces bovis* BGB  
*Actinomyces europaeus*  
*Actinomyces graevenitzi*  
*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 fossor*  
*Atopobium minutum*  
*Atopobium parvulum*  
*Bacteroides caccae*  
*Bacteroides coagulans*  
*Bacteroides distasonis*  
*Bacteroides eggertii*  
*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*



## ANAEROBIC BACTERIA

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 sartagoforum  
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  
Coproccoccus catus  
Dendrosporobacter quercicolus  
Desulfohalobium elongatum  
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 margaretae  
Eubacterium yurii ss schtitka  
Eubacterium yurii ss yurii  
Facklamia hominis  
Facklamia soureki  
Falcivibrio grandis  
Falcivibrio vaginalis  
Filifactor alocis  
Filifactor villosus  
Fingoldia 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 bifementans  
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 gasserii  
Lactobacillus hamsteri  
Lactobacillus helveticus  
Lactobacillus hilgardii  
Lactobacillus jensenii  
Lactobacillus kefirii  
Lactobacillus malefermentans  
Lactobacillus mali/sakei ss sakei  
Lactobacillus mirinus/paracasei ss tolerans  
Lactobacillus oris/parabuchneri  
Lactobacillus paracasei ss paracasei  
Lactobacillus pentosus  
Lactobacillus plantarum  
Lactobacillus reuterii  
Lactobacillus rhamnosus  
Lactobacillus salivarius ss salicinicus  
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 dextranicum  
Leuconostoc mesenteroides ss mesenteroides  
Megamonas hypermegale  
Megasphaera cerevisiae  
Megasphaera eldenii  
Micromonas micros  
Mobiluncus curtisii  
Mobiluncus mulieris  
Mongibacterium timidum  
Pectinatus cerevisiiphilus  
Pectinatus frisingensis  
Pediococcus acidilactici  
Pediococcus dextrinicus  
Pediococcus parvulus  
Pediococcus pentosaceus  
Pediococcus urinaeequi  
Peptostreptococcus anaerobius  
Peptostreptococcus asaccharolyticus

## ANAEROBIC BACTERIA

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 microfus  
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/raffinivorans

## 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  
Candida diversa  
Candida edax  
Candida entomophila  
Candida ergastensis  
Candida etchellsii  
Candida famata  
Candida fluvialilis  
Candida freyschussii  
Candida friedrichii  
Candida fructus  
Candida fusiformata  
Candida galacta  
Candida geochares  
Candida glabrata  
Candida glabrosa  
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 amyloletus  
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 tsukubaensis  
Debaryomyces castellii  
Debaryomyces hansenii A  
Debaryomyces hansenii B  
Debaryomyces hansenii C  
Debaryomyces hansenii var fabryi  
Debaryomyces maramus  
Debaryomyces polymorphus  
Debaryomyces vanriijae  
Dekkera anomala  
Dekkera bruxellensis A  
Dekkera bruxellensis B  
Dekkera custersiana  
Dekkera naardensis  
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

## YEASTS

Galactomyces geotrichum  
Geotrichum terrestre  
Guilliermondella selenospora  
Hanseniaspora guilliermondii/uvarum/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 amethionina var amethionina  
Pichia amethionina 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  
Rhodosporidium diobovatum  
Rhodosporidium sphaerocarum  
Rhodosporidium 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  
Rhodotorula minuta var minuta  
Rhodotorula mucilaginoso  
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 bailii  
Zygosaccharomyces bisporus  
Zygosaccharomyces cidri  
Zygosaccharomyces fermentati  
Zygosaccharomyces florentinus  
Zygosaccharomyces microellipsoides/mraki  
Zygosaccharomyces rouxii

## FILAMENTOUS FUNGI (710 taxa)

Absidia californica J.Ellis & Hesseltnine BGA  
Absidia californica J.Ellis & Hesseltnine BGB  
Absidia corymbifera (Cohn) Sacc. & Trotter  
Absidia cylindrospora var cylindrospora Hagen  
Absidia glauca Hagen  
Absidia spinosa var spinosa Lendner  
Acremonium atrogriseum (Panassenko) 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. BGB  
Acremonium potronii Vuill. BGB  
Acremonium strictum W. Gams BGA  
Acremonium strictum W. Gams BGB  
Acrodontium crateriforme (van Beyma) de Hoog  
Acrodontium griseum (Fassatiava) de Hoog BGA  
Acrodontium griseum (Fassatiava) de Hoog BGB  
Acrodontium salmoneum de Hoog BGA  
Acrodontium salmoneum de Hoog BGB  
Acrodontium simplex (Mangenot) de Hoog  
Actinomucor elegans (Eidam) C.R. Benjamin & Hesseltnine BGA  
Actinomucor elegans (Eidam) C.R. Benjamin & Hesseltnine 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 asperescens Stolk  
Aspergillus aureolatus Muntanola-Cvctkovic & Bata BGA  
Aspergillus aureolatus Muntanola-Cvctkovic & Bata BGB  
Aspergillus auricomus (Guegen) Saito  
Aspergillus avenaceus 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 Masseur BGA  
Aspergillus cervinus Masseur 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 BGB  
Aspergillus foetidus Thom & Raper  
Aspergillus fumigatus Thom & Raper  
Aspergillus fumigatus var fumigatus Fresen. BGA  
Aspergillus fumigatus var fumigatus Fresen. BGB

## FILAMENTOUS FUNGI

*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*

(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

*Cerinosterus 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 capsici* (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 varicolor* var *varicolor* Berk. & Br. In Berk. (anam. *Aspergillus stellifer*)

*Emericella violacea* (Fennell & Raper) Malloch & Cain (anam. *Aspergillus violacobraunus*)

*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*)

*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*)



## FILAMENTOUS FUNGI

*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 coccoiocola* P. Henn. (F. *juvanum*) (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* (Caspari) 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 xylerioides* Steyaert (teleo. *Gibberella xylerioides*)

*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*)

*Hemicarpenales paradoxus* Sarbhoy & Elphick (anam. *Aspergillus paradoxus*)

*Hortaea werneckii* (Horta) Nishimura & Miyaji

*Hypophichia 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*)

*Issatchenkia orientalis* Kurtzman et.al. (anam. *Candida krusei*)

*Issatchenkia 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 kefyr*)

*Kluyveromyces marxianus* var *marxianus* (Hansen) Van.der Walt BGB (anam. *Candida kefyr*)

*Kluyveromyces marxianus* var *marxianus* (Hansen) Van.der Walt BGC (anam. *Candida kefyr*)

*Kluyveromyces marxianus* var *marxianus* (Hansen) Van.der Walt BGD (anam. *Candida kefyr*)

*Kluyveromyces marxianus* var *marxianus* (Hansen) Van.der Walt BGE (anam. *Candida kefyr*)

*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. Tieghem

*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

*Nectrya 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



## FILAMENTOUS FUNGI

*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 BGC  
*Penicillium smithii* Quintanilla  
*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 trubatatum* Westling BGA (teleo. *Eupenicillium baarnese*)  
*Penicillium trubatatum* Westling BGB (teleo. *Eupenicillium baarnese*)  
*Penicillium variable* Sopp BGA  
*Penicillium variable* Sopp BGB  
*Penicillium verrucosum* var *verrucosum* Dierckx  
*Penicillium viridicatum* Westling BGA  
*Penicillium viridicatum* Westling BGB  
*Penicillium vulpinum* (Cooke & Massee) Seifert & Samson BGA  
*Penicillium vulpinum* (Cooke & Massee) Seifert & Samson BGC  
*Pestalotiopsis maculans* (Corda) Nag Raj  
*Petromyces alliaceus* Malloch & Cain BGA (anam. *Aspergillus alliaceous*)  
*Petromyces alliaceus* Malloch & Cain BGB (anam. *Aspergillus alliaceous*)  
*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 septicialis* 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 atrovirens* 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.J.Srg) F.C. Harrison BGA  
*Rhodotorula mucilaginosa* var *mucilaginosa* (A.J.Srg) F.C. Harrison BGB  
*Rhodotorula muscorum* (di Menna) von Arx & Weijman  
*Saccharomyces bayanus* 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* (GuZguen) 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 raduloides* (Karsten) Donk  
*Sporobolomyces roseus* var *roseus* Kluyver & Van Niel

## FILAMENTOUS FUNGI

*Sporopachydermia ceriana* Rodrigues de Miranda  
*Sporothrix schenckii* var *schenckii* Kekoeten & Perkins  
*Stachybotrys bisbyi* (Srinavesan) Barron  
*Stachybotrys chartarum* (Ehrenberg) Hughes  
*Stachybotrys cylindrospora* C.N. Jensen  
*Sterigmatomyces elviae* Sonck & Yarrow  
*Sterigmatomyces halophilus* var *halophilus* Fell  
*Synccephalastrum 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 citrinovirde* Bissett BGA (teleo. *Hypocrea schweinitzii*)  
*Trichoderma citrinovirde* Bissett BGB (teleo. *Hypocrea schweinitzii*)  
*Trichoderma citrinovirde* Bissett BGC (teleo. *Hypocrea schweinitzii*)  
*Trichoderma citrinovirde* 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*)

*Zygorhynchus moelleri* Vuillemin

*Zygosaccharomyces bailii* var *bailii* (Lindner) Guilliermond

*Zygosaccharomyces rouxii* (Boutroux) Yarrow

*Zygosporium mycophilum* (Vuillemin) Saccardo

## Microbial Identification Databases

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 our customers’ 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

Note: Identification of certain organisms is hardware dependent. For more information, contact Biolog or your authorized Biolog representative.

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

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