

Gram Negative Aerobic Bacteria Database (Release 6.01)

The Gram negative aerobic database contains identification patterns for the 526 Gram negative species/taxa listed below. This database is used with both the automated and the manual systems, and is available on CD-ROM (Catalog No. 22401D). † These organisms are included in the Dangerous Pathogens Supplement (Catalog No. 22420D).

Achromobacter cholinophagum	Alysiella filiformis	Capnocytophaga ochracea/sputigena
Achromobacter xylosoxidans ss denitrificans	Aminobacter aminovorans	Cardiobacterium hominis
Achromobacter xylosoxydans ss xylosoxidans	Ancylobacter aquaticus	CDC group DF-3 (Capnocytophaga)
Acidovorax avenae ss avenae	Aquaspirillum autotrophicum	CDC group EF-4 (Neisseria)
Acidovorax avenae ss cattlelyae	Aquaspirillum dispar	CDC group EO-2
Acidovorax avenae ss citruli	Aquaspirillum metamorphum	CDC group II-E subgroup A
Acidovorax delafieldii	Aquaspirillum peregrinum ss integrum	CDC group II-E subgroup B
Acidovorax facilis	Aquaspirillum peregrinum ss peregrinum	CDC group II-H
Acidovorax konjaci	Aquaspirillum putridiconchylium	Cedecea davisae
Acidovorax temperans	Bergeyella zoohelcum	Cedecea lapagei
Acinetobacter baumannii/genospecies 2	Bordetella avium	Cedecea neteri
Acinetobacter calcoaceticus bv alc	Bordetella bronchiseptica	Chromobacterium violaceum
Acinetobacter calcoaceticus/genospecies 1	Bordetella hinzii	Chryseobacterium balustinum
Acinetobacter calcoaceticus/genospecies 3	Bordetella holmesii	Chryseobacterium gleum /indologenes
Acinetobacter calcoaceticus/genospecies 13	Bordetella parapertussis	Chryseobacterium indoltheticum
Acinetobacter genospecies 6	Bordetella pertussis	Chryseobacterium meningosepticum
Acinetobacter genospecies 10	Bordetella trematum	Chryseobacterium scophthalmum
Acinetobacter genospecies 11	Bordetella-like species	Chryseomonas luteola
Acinetobacter genospecies 14	Brenneria rubrifaciens	Citrobacter amalonaticus
Acinetobacter genospecies 15	Brenneria salicis	Citrobacter braakii
Acinetobacter haemolyticus/genospecies 4	Brevundimonas diminuta	Citrobacter farmeri
Acinetobacter johnsonii/genospecies 7	Brevundimonas vesicularis	Citrobacter freundii
Acinetobacter junii/genospecies 5	Brucella melitensis (abortus) †	Citrobacter gillenii
Acinetobacter lwoffii/genospecies 8/9	Brucella melitensis (abortus, melitensis) †	Citrobacter koseri
Acinetobacter radioresistens/genospecies 12	Brucella melitensis (melitensis) †	Citrobacter murliniae
Actinobacillus capsulatus	Brucella melitensis (suis, canis) †	Citrobacter rodentium
Actinobacillus equuli	Brucella melitensis (suis) †	Citrobacter sedlakii
Actinobacillus hominis	Budvicia aquatica	Citrobacter werkmanii
Actinobacillus indolicus	Burkholderia andropogonis	Citrobacter youngae
Actinobacillus lignieresii	Burkholderia caryophylli	Comamonas terrigena
Actinobacillus minor	Burkholderia cepacia	Comamonas testosteroni
Actinobacillus muris	Burkholderia gladioli	Cytophaga fermentans
Actinobacillus pleuropneumoniae	Burkholderia glathiei	Delftia acidovorans
Actinobacillus porcinus	Burkholderia glumae	Edwardsiella hoshinae
Actinobacillus rossii	Burkholderia mallei †	Edwardsiella ictaluri
Actinobacillus salpingitidis	Burkholderia multivorans	Edwardsiella tarda
Actinobacillus seminis	Burkholderia phenazinium	Eikenella corrodens
Actinobacillus suis	Burkholderia plantarii	Empedobacter brevis
Actinobacillus ureae	Burkholderia pseudomallei †	Enterobacter aerogenes (Klebsiella mobilis)
Aeromonas allosaccharophila	Burkholderia pyrrocinia	"Enterobacter agglomerans" bgp 2
Aeromonas caviae DNA group 4	Burkholderia vietnamiensis	"Enterobacter agglomerans" bgp 3
Aeromonas encheleia	Buttiauxella agrestis	"Enterobacter agglomerans" bgp 4
Aeromonas enteropelogenes	Buttiauxella brennerae	(Pantoea)
Aeromonas eucrenophila DNA group 6	Buttiauxella ferragutiae	"Enterobacter agglomerans" bgp 5
Aeromonas hydrophila DNA group 1	Buttiauxella gaviniae	"Enterobacter agglomerans" bgp 6
Aeromonas hydrophila-like DNA group 2	Buttiauxella izardii	(Pectobacterium)
Aeromonas hydrophila-like DNA group 3	Buttiauxella noackiae	"Enterobacter agglomerans" bgp 7
Aeromonas ichthiosmia	Buttiauxella wamboldiae	(Pantoea)
Aeromonas jandaei DNA group 9	Capnocytophaga canimorsus	Enterobacter amnigenus
Aeromonas media DNA group 5b	Capnocytophaga cynodegmi	Enterobacter asburiae
Aeromonas media-like DNA group 5a	Capnocytophaga gingivalis	Enterobacter cancerogenus
Aeromonas salmonicida ss achromogenes	Capnocytophaga granulosa	
Aeromonas salmonicida ss masoucida	Capnocytophaga haemolytica	
Aeromonas salmonicida ss salmonicida		
Aeromonas schubertii DNA group 12		
Aeromonas sobria DNA group 7		
Aeromonas trota DNA group 13		
Aeromonas veronii DNA group 10		
Aeromonas veronii/sobria DNA group 8		
Alcaligenes faecalis ss faecalis		

Gram Negative Aerobic Bacteria Database (Continued)

Enterobacter cloacae	Klebsiella pneumoniae ss rhinoscleromatis	"Pasteurella" aerogenes
Enterobacter gergoviae		Pasteurella anatis
Enterobacter hormaechei	Kluyvera ascorbata	Pasteurella bettyae
Enterobacter intermedius	Kluyvera cochleae	Pasteurella caballi
Enterobacter nimipressuralis	Kluyvera cryocrescens	Pasteurella canis/stomatis
Enterobacter sakazakii	Kluyvera georgiana	Pasteurella dagmatis
		Pasteurella gallinarum
Erwinia amylovora	Lampropedia hyalina	Pasteurella langaensis
		Pasteurella lymphangitidis
Escherichia blattae	Leclercia adecarboxylata	Pasteurella mairii
Escherichia coli		Pasteurella multocida ss multocida
Escherichia coli (USP5-7085)	Leminorella grimontii	Pasteurella pneumotropica
Escherichia coli inactive	Leminorella richardii	"Pasteurella" testudinis
Escherichia coli O157:H7		Pasteurella trehalosi
Escherichia fergusonii	Listonella anguillarum	Pasteurella volantium
Escherichia hermannii	Listonella pelagia	
Escherichia vulneris		Paucimonas lemoignei
	Mannheimia granulomatis	
Ewingella americana	Mannheimia haemolytica	Pectobacterium carotovorum ss atrosepticum
		Pectobacterium carotovorum ss betavasculorum
Flavimonas oryzihabitans	Moellerella wisconsensis	Pectobacterium carotovorum ss carotovorum
		Pectobacterium chrysanthemi
Flavobacterium ferrugineum	Moraxella bovis	Pectobacterium cypripedii
Flavobacterium flevense	Moraxella canis	
Flavobacterium hydatis	Moraxella caprae	
Flavobacterium johnsoniae	Moraxella catarrhalis	
Flavobacterium mizutaii	Moraxella caviae	
Flavobacterium mizutaii-like (CDC group II-I)	Moraxella cuniculi	
Flavobacterium resinovororum	Moraxella equi	Pedobacter heparinus
"Flavobacterium tirrenicum" (Chryseobacterium)	Moraxella lacunata	
	Moraxella nonliquefaciens	Photobacterium angustum
Francisella philomiragia	Moraxella osloensis	Photobacterium damsela ss damsela
Francisella tularensis †	Moraxella ovis	Photobacterium fischeri
		Photobacterium leiognathi
Gilardi unnamed rod group 1	Morganella morganii ss morganii	Photorhabdus luminescens ss luminescens
Haemophilus actinomycetemcomitans	Myroides odoratimimus	Phyllobacterium myrsinacearum
Haemophilus aegyptius	Myroides odoratus	Phyllobacterium rubiacearum
Haemophilus aphrophilus		
Haemophilus avium (Pasteurella)	Neisseria animalis	Plesiomonas shigelloides
Haemophilus ducreyi	Neisseria canis	
Haemophilus haemoglobinophilus	Neisseria cinerea	Pragia fontium
Haemophilus haemolyticus	Neisseria denitrificans	
Haemophilus influenzae	Neisseria elongata ss elongata	Proteus mirabilis
Haemophilus paracuniculus	Neisseria flava	Proteus myxofaciens
Haemophilus paragallinarum	Neisseria flavescens	Proteus penneri/vulgaris
Haemophilus parahaemolyticus	Neisseria gonorrhoeae	
Haemophilus parainfluenzae	Neisseria lactamica	Providencia alcalifaciens
Haemophilus paraphrohaemolyticus	Neisseria meningitidis	Providencia heimbachae
Haemophilus paraphrophilus	Neisseria mucosa	Providencia rettgeri
Haemophilus parasuis	Neisseria perflava	Providencia rustigianii
Haemophilus segnis	Neisseria sicca	Providencia stuartii
Haemophilus somnus	Neisseria subflava	
	Neisseria weaveri	Pseudomonas aeruginosa
		Pseudomonas agarici
Hafnia alvei	Obesumbacterium proteus	Pseudomonas alcaligenes
	Obesumbacterium proteus biogroup 2	Pseudomonas asplenii
Herbaspirillum rubrisubalbicans		Pseudomonas aurantiaca
Herbaspirillum seropedicae	Oceanomonas doudoroffii	"Pseudomonas bathycetes"
		"Pseudomonas" boreopolis
Hydrogenophaga flava		(Stenotrophomonas)
Hydrogenophaga palleronii	Ochrobactrum anthropi	Pseudomonas caricapapayae (syringae)
Hydrogenophaga pseudoflava		Pseudomonas chlororaphis
Hydrogenophaga taeniospiralis	Oligella ureolytica	Pseudomonas cichorii (syringae)
	Oligella urethralis	"Pseudomonas" cissicola (Xanthomonas-like)
Iodobacter fluviatilis		Pseudomonas citronellolis
	Ornithobacterium rhinotracheale	Pseudomonas corrugata
		"Pseudomonas floridana" (Burkholderia-like)
Janthinobacterium lividum	Pandora norimbergensis	Pseudomonas fluorescens
		Pseudomonas fluorescens biotype A
Kingella denitrificans	Pantoea agglomerans	Pseudomonas fluorescens biotype C
Kingella kingae	Pantoea citrea	Pseudomonas fluorescens biotype F
Kingella oralis	Pantoea dispersa	Pseudomonas fluorescens biotype G
	Pantoea punctata	
Klebsiella oxytoca	Pantoea punctata	
Klebsiella pneumoniae ss ozaenae	Pantoea stewartii ss stewartii	
Klebsiella pneumoniae ss pneumoniae	Pantoea terreus	

Gram Negative Aerobic Bacteria Database (Continued)

Pseudomonas fragi	Rhizobium like-Cystic Fibrosis	Tatumella ptyseos
Pseudomonas fulva	Rhizobium radiobacter	Taylorella equigenitalis
Pseudomonas fuscovaginae	Rhizobium rhizogenes	Trabulsiella guamensis
"Pseudomonas group 2" (Burkholderia-like)	Rhizobium vitis	Variovorax paradoxus
"Pseudomonas" huttiensis (Burkholderia-like)	Riemerella anatipestifer	Vibrio aestuarianus
Pseudomonas lundensis	Roseomonas cervicalis	Vibrio alginolyticus
Pseudomonas "maculicola"	Roseomonas fauriae	Vibrio campbelli
Pseudomonas marginalis	Roseomonas genomospecies 4	Vibrio carchariae
Pseudomonas mendocina	Roseomonas genomospecies 5	Vibrio cholerae (O1/ATCC 25870)
"Pseudomonas mephitica"	Roseomonas genomospecies 6	Vibrio cholerae (O1/0139)
Pseudomonas mucidolens	Roseomonas gilardii	Vibrio cholerae (non O1)
Pseudomonas nitroreducens/azelaica	Salmonella gp 1 (choleraesuis)	Vibrio cincinnatiensis
Pseudomonas oleovorans	Salmonella gp 1 (choleraesuis) st choleraesuis	Vibrio dVibrio fluvialis
Pseudomonas pertucinogena	Salmonella gp 1 (choleraesuis) st gallinarum	Vibrio furnissii
Pseudomonas pseudoalcaligenes ss pseudoalcaligenes	Salmonella gp 1 (choleraesuis) st paratyphi A	Vibrio harveyi
Pseudomonas putida	Salmonella gp 1 (choleraesuis) st pullorum	Vibrio mediterranei
Pseudomonas putida biotype A	Salmonella gp 1 (choleraesuis) st typhi	Vibrio metschnikovii
Pseudomonas putida biotype B	Salmonella gp 1 (choleraesuis) st typhimurium	Vibrio mimicus
Pseudomonas resinovorans	Salmonella gp 3a (arizonae)	Vibrio natriegens
Pseudomonas savastanoi pv fraxini	Salmonella gp 3b (diarizonae)	Vibrio ordalii
Pseudomonas savastanoi pv glycinea	Salmonella gp 4 (houtenae)	Vibrio parahaemolyticus
Pseudomonas savastanoi pv nerii	Salmonella gp 5 (bongori)	Vibrio proteolyticus
Pseudomonas spinosa (Burkholderia)	Salmonella gp 6 (indica)	Vibrio splendidus
Pseudomonas straminea	Serpens flexibilis	Vibrio tubiashii
Pseudomonas stutzeri	Serratia entomophila	Vibrio vulnificus
Pseudomonas synxantha	Serratia ficaria	Vogesella indigofera
Pseudomonas syringae pv aceris	Serratia fonticola	Weeksella virosa
Pseudomonas syringae pv antirrhini	Serratia liquefaciens/grimesii	Xanthomonas albilineans
Pseudomonas syringae pv apii	Serratia marcescens	Xanthomonas campestris pv begoniae A
Pseudomonas syringae pv aptata	Serratia odorifera	Xanthomonas campestris pv begoniae B
Pseudomonas syringae pv atrofaciens	Serratia plymuthica	Xanthomonas campestris pv campestris
Pseudomonas syringae pv coronafaciens	Serratia proteamaculans ss proteamaculans	Xanthomonas campestris pv carotae
Pseudomonas syringae pv cunninghamiae	Serratia rubidaea	Xanthomonas campestris pv corylina
Pseudomonas syringae pv delphinii	Shewanella algae	Xanthomonas campestris pv dieffenbachiae
Pseudomonas syringae pv delphinii	Shewanella putrefaciens A	Xanthomonas campestris pv hyacinthi
Pseudomonas syringae pv eriobotryae	Shewanella putrefaciens B	Xanthomonas campestris pv juglandis
Pseudomonas syringae pv glycinea	Shigella boydii	Xanthomonas campestris pv malvacearum
Pseudomonas syringae pv helianthi	Shigella dysenteriae	Xanthomonas campestris pv nigromaculans
Pseudomonas syringae pv lachrymans	Shigella flexneri	Xanthomonas campestris pv pelargonii
Pseudomonas syringae pv mori	Shigella sonnei	Xanthomonas campestris pv phaseoli
Pseudomonas syringae pv myricae	Simonsiella crassa	Xanthomonas campestris pv poinsetticola
Pseudomonas syringae pv oryzae	Simonsiella muelleri	Xanthomonas campestris pv raphani
Pseudomonas syringae pv papulans	Simonsiella steedae	Xanthomonas campestris pv sesami
Pseudomonas syringae pv persicae	Sinorhizobium melliloti	Xanthomonas campestris pv tardicrescens
Pseudomonas syringae pv phaseolicola	Sphingobacterium multivorum	Xanthomonas campestris pv translucens
Pseudomonas syringae pv pisi	Sphingobacterium multivorum-like	Xanthomonas campestris pv vesicatoria
Pseudomonas syringae pv porri	Sphingobacterium spiritovorum	Xanthomonas oryzae pv oryzicola
Pseudomonas syringae pv primulae	Sphingobacterium thalpophilum	Xenorhabdus bovienii
Pseudomonas syringae pv sesami	Sphingomonas adhaesiva	Xenorhabdus nematophila
Pseudomonas syringae pv syringae	Sphingomonas capsulata	Yersinia aldovae
Pseudomonas syringae pv tabaci A	Sphingomonas echinoides	Yersinia bercovieri
Pseudomonas syringae pv tabaci B	Sphingomonas macrogoltabidus	Yersinia enterocolitica ss enterocolitica
Pseudomonas syringae pv tagetis	Sphingomonas parapaucimobilis	Yersinia fredericksonii
Pseudomonas syringae pv tomato	Sphingomonas paucimobilis A	Yersinia intermedia
Pseudomonas syringae pv zinaniae	Sphingomonas paucimobilis B	Yersinia kristensenii
Pseudomonas taetrolens	Sphingomonas sanguinis	Yersinia mollaretii
Pseudomonas tolaasii	Sphingomonas terrae	Yersinia pestis †
Pseudomonas viridiflava (syringae)	Sphingomonas yanoikuyae	Yersinia pseudotuberculosis
Pseudomonas viridilivida	Stenotrophomonas maltophilia	Yersinia rohdei
Psychrobacter immobilis	Suttonella indologenes	Yersinia ruckeri
Psychrobacter phenylpyruvicus		Yokenella regensburgei
Rahnella aquatilis		
Ralstonia eutropha		
Ralstonia pauca		
Ralstonia pickettii		
Ralstonia solanacearum		
Raoultella planticola		
Raoultella planticola/ornithinolytica		
Raoultella terrigena		

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The Gram positive aerobic database contains identification patterns for the 339 Gram positive species/taxa listed below. This database is used with both the automated and the manual systems, and is available on CD-ROM(Catalog No. 22404D). † These organisms are included in the Dangerous Pathogens Supplement (Catalog No. 22420D).

Actinomyces bovis	Carnobacterium mobile	Curtobacterium albidum
Actinomyces canis	Carnobacterium pisicicola	Curtobacterium citreum
Actinomyces hordeovulneris		Curtobacterium flaccumfaciens
Actinomyces hyovaginalis	Cellulosimicrobium cellulans	Curtobacterium luteum
Actinomyces naeslundii		Curtobacterium pusillum
Actinomyces neuii ss anitratus	Cellulomonas biazotea	
Actinomyces neuii ss neuii	Cellulomonas cellasea	Deinococcus grandis
Actinomyces odontolyticus	Cellulomonas fimi	Deinococcus proteolyticus
Actinomyces radingae/turicensis (CDC.E)	Cellulomonas flavigena	Deinococcus radiodurans
Actinomyces viscosus	Cellulomonas gelida	Deinococcus radiophilus
	Cellulomonas hominis (CDC.A-3)	Deinococcus radiopugnans
Aerococcus christensenii	Cellulomonas turbata (Oerskovia turbata)	
Aerococcus urinae	Cellulomonas uda	Dermabacter hominis
Aerococcus viridans		
	Clavibacter michiganensis ss insidiosus	Dermacoccus nishinomiyaensis
Alloiooccus otitis	Clavibacter michiganensis ss michiganensis	
	Clavibacter michiganensis ss nebraskensis	Dolosicoccus paucivorans
Arcanobacterium bernardiae (CDC.2)	Clavibacter michiganensis ss sepedonicus	
Arcanobacterium haemolyticum	Clavibacter michiganensis ss tessellarius	Dolosigranulum pigrum
Arcanobacterium pyogenes		
	Corynebacterium accolens	Enterococcus avium
Arthrobacter cumminsi	Corynebacterium afermentans ss	Enterococcus casseliflavus
Arthrobacter histidinolovorans	afermentans(CDC.ANF-1)	Enterococcus cecorum
Arthrobacter ilicis	Corynebacterium afermentans ss lipophilum	Enterococcus columbae
Arthrobacter woluwensis	"Corynebacterium" ammoniagenes	Enterococcus dispar
	(Brevibacterium-like)	Enterococcus durans
Aureobacterium resistens	Corynebacterium amycolatum (CDC.F-2)	Enterococcus faecalis
	Corynebacterium argentoratense	Enterococcus faecium
Bacillus alcalophilus	Corynebacterium auris	Enterococcus flavescens
Bacillus amyloliquefaciens	Corynebacterium bovis	Enterococcus gallinarum
Bacillus anthracis subgroup A †	Corynebacterium callunae	Enterococcus hirae
Bacillus anthracis subgroup B †	Corynebacterium camporealensis	Enterococcus malodoratus
Bacillus anthracis subgroup C †	Corynebacterium coyleae	Enterococcus mundtii
Bacillus anthracis subgroup D †	Corynebacterium cystitidis	Enterococcus pseudoavium
Bacillus badius	Corynebacterium diphtheriae	Enterococcus raffinosus
Bacillus cereus/thuringiensis	Corynebacterium durum	Enterococcus saccharolyticus
Bacillus circulans	Corynebacterium falsenii	Enterococcus solitarius
Bacillus coagulans	Corynebacterium flavescens	Enterococcus sulfureus
Bacillus fastidiosus	Corynebacterium glucuronolyticum	
Bacillus firmus	Corynebacterium glutamicum	Eremococcus coleocola
Bacillus halodurans	Corynebacterium imitans	
Bacillus laevolacticus	Corynebacterium jeikeium	Erysipelothrix rhusiopathiae/tonsillarum
Bacillus licheniformis	Corynebacterium kutscheri	
Bacillus maroccanus	Corynebacterium lipophiloflavum	Exiguobacterium acetylicum
Bacillus megaterium	Corynebacterium macginleyi	
Bacillus mycoides	Corynebacterium mastitidis	Gardnerella vaginalis
Bacillus psychrosaccharolyticus	Corynebacterium matruchotii	
Bacillus pumilus	Corynebacterium minutissimum	Gemella bergeri
Bacillus racemilacticus	Corynebacterium mucifaciens	Gemella haemolysans/morbilloorum
Bacillus sphaericus	Corynebacterium mycetoides	Gemella palaticanis
Bacillus subtilis	"Corynebacterium nitrilophilus"	Gemella sanguinis
Bacillus subtilis (ATCC 6633)	Corynebacterium pilosum	
	Corynebacterium pseudodiphtheriticum	Geobacillus stearothermophilus
Brevibacillus brevis	propinquum(CDC.ANF-3)	Geobacillus thermoglucosidasius
	Corynebacterium pseudotuberculosis	
Brevibacterium casei	Corynebacterium renale	Globicatella sanguinis
Brevibacterium epidermidis	Corynebacterium riegliei	
Brevibacterium linens	Corynebacterium seminale	Gordonia aichiensis
Brevibacterium liquifaciens	Corynebacterium singulare	Gordonia bronchialis
Brevibacterium mcbrellneri	Corynebacterium spp. (CDC.G)	Gordonia rubroprincta
Brevibacterium otitidis	Corynebacterium striatum (CDC.I-1)	Gordonia sputi
	Corynebacterium thomssenii	Gordonia terrae
Brochothrix campestris	Corynebacterium ulcerans	
Brochothrix thermosphacta	Corynebacterium urealyticum	Helcococcus kunzii
	Corynebacterium variabile (Caseobacter	
Carnobacterium alterfunditum	polymorphus)	Ignavigranum rouffiae
Carnobacterium divergens	Corynebacterium vitaeruminis	
Carnobacterium gallinarum	"Corynebacterium" xerosis (GPC)	Jonesia denitrificans

Gram Positive Aerobic Bacteria Database (continued)

Kocuria kristinae	Pediococcus acidilactici/parvulus	Streptococcus dysgalactiae ss equisimilis
Kocuria rosea	Pediococcus dextrinicus	Streptococcus equi ss equi
Kocuria varians	Pediococcus pentosaceus	Streptococcus equi ss zoepidemicus (GP C)
Kurthia gibsonii	Pediococcus urinaeequi	Streptococcus equinus (GP D)
Kurthia sibirica	Pediococcus urinaeequi-like	Streptococcus ferus
Kurthia zopfii	Rathayibacter rathayi	Streptococcus gallolyticus
Kytococcus sedentarius	Rathayibacter tritici	Streptococcus gordonii
Lactococcus garvieae	Rhodococcus australis	Streptococcus hyointestinalis
Lactococcus lactis ss cremoris	Rhodococcus coprophilus	Streptococcus hyovaginalis
Lactococcus lactis ss diacetylactis	Rhodococcus equi	Streptococcus infantis
Lactococcus lactis ss hordniae	Rhodococcus erythropolis	Streptococcus infantarius ss coli
Lactococcus lactis ss lactis	Rhodococcus fascians	Streptococcus infantarius ss infantarius
Lactococcus plantarum	Rhodococcus globerulus	Streptococcus iniae
Lactococcus raffinolactis	Rhodococcus rhodnii	Streptococcus intermedius
Leifsonia aquatica	Rhodococcus rhodochrous	Streptococcus intestinalis
Leuconostoc carnosum	Rhodococcus ruber	Streptococcus macacae
Leuconostoc citreum	Rothia dentocariosa	Streptococcus macedonicus
Leuconostoc fallax	Rothia mucilaginoso	Streptococcus mitis
Leuconostoc gelidum	Sanguibacter inulinus	Streptococcus mutans/ratti
Leuconostoc lactis	Sanguibacter keddieii	Streptococcus oralis
Leuconostoc mesenteroides	Sanguibacter suarezi	Streptococcus parasanguinis
Leuconostoc mesenteroides ss dextransicum	Staphylococcus arlettae	Streptococcus peroris
Leuconostoc mesenteroides ss mesenteroides	Staphylococcus aureus ss aureus	Streptococcus phocae
Listeria grayi	Staphylococcus aureus ss anaerobius	Streptococcus pluranimalium
Listeria innocua/monocytogenes/seeligeri/welshimeri	Staphylococcus auricularis	Streptococcus pneumoniae
Listeria ivanovii	Staphylococcus capitis	Streptococcus porcinus
Listeria ivanovii ss londoniensis	Staphylococcus caprae	Streptococcus pyogenes (GP A)
Listeria monocytogenes/innocua/seeligeri/welshimeri	Staphylococcus carnosus	Streptococcus salivarius
Listeria seeligeri/innocua/monocytogenes/welshimeri	Staphylococcus chromogenes	Streptococcus sanguinis
Listeria welshimeri/innocua/monocytogenes/seeligeri	Staphylococcus cohnii	Streptococcus sobrinus
Macrococcus bovicus	Staphylococcus delphiini	Streptococcus suis (GP RST)
Macrococcus carouelicus	Staphylococcus epidermidis	Streptococcus suis serogroup 1/2
Macrococcus caseolyticus	Staphylococcus equorum	Streptococcus suis serogroup 4/6
Macrococcus equiperficus	Staphylococcus felis	Streptococcus suis serogroup 5
Microbacterium arborescens	Staphylococcus gallinarum	Streptococcus suis serogroup 7
Microbacterium esteroaromaticum	Staphylococcus haemolyticus	Streptococcus thoralensis
Microbacterium flavescens	Staphylococcus hominis	Streptococcus uberis
Microbacterium imperiale	Staphylococcus hominis ss novobiosepticus	Streptococcus vestibularis
Microbacterium lacticum	Staphylococcus hyicus	Streptococcus waius
Microbacterium laevaniformans	Staphylococcus intermedius	Tetragenococcus halophilus
Microbacterium liquefaciens	Staphylococcus kloosii	Tsukamurella inchonensis
Microbacterium maritypicum	Staphylococcus lentus	Tsukamurella paurometabola
Microbacterium saperdae	Staphylococcus lugdunensis	Turicella otitidis
Microbacterium terregens	Staphylococcus lutrae	Vagococcus fluvialis
Microbacterium testaceum	Staphylococcus muscae	Vagococcus lutrae
Microbacterium spp. (CDC.A-4)	Staphylococcus pasteurii	Vagococcus salmoninarum
Microbacterium spp. (CDC.A-5)	Staphylococcus piscifermentans	Virgibacillus pantothenicus
"Micrococcus diversus"	Staphylococcus pulvereri/vitulinus	
Micrococcus luteus	Staphylococcus saprophyticus	
Micrococcus lylae	Staphylococcus schleiferi	
Paenibacillus azotofixans	Staphylococcus sciuri	
Paenibacillus larvae ss larvae	Staphylococcus sciuri ss rodentium	
Paenibacillus macerans	Staphylococcus simulans	
Paenibacillus pabuli	Staphylococcus warneri	
Paenibacillus polymyxa	Staphylococcus xylosum	
Paenibacillus popilliae	Streptococcus acidominimus	
Paenibacillus validus	Streptococcus agalactiae (GP B)	
	Streptococcus alactolyticus	
	Streptococcus anginosus	
	Streptococcus bovis (GP D)	
	Streptococcus canis	
	Streptococcus constellatus	
	Streptococcus criceti	
	Streptococcus cristatus	
	Streptococcus downei	
	Streptococcus dysgalactiae ss dysgalactiae	

Anaerobic Bacteria Database (Release 6.01)

The Anaerobic Bacteria database contains identification patterns for the 361 anaerobic bacteria species/taxa listed below. This database is used with both the automated and the manual systems, and is available on CD-ROM (Catalog No. 22407D). The * shows the species that can only be read with a reader.

Abiotrophia defectiva	Bifidobacterium breve	Clostridium papyrosolvens
Acetivibrio ethanolignens	Bifidobacterium catenulatum	Clostridium paraputrificum
Acetoanaerobium noterae	Bifidobacterium choerinum	Clostridium pasteurianum
Acidaminococcus fermentans	Bifidobacterium coryneforme	Clostridium perfringens
Actinobaculum schaalii*	Bifidobacterium cuniculi	Clostridium propionicum
Actinobaculum suis*	Bifidobacterium dentium	Clostridium purinolyticum
Actinomyces bovis BGA*	Bifidobacterium longum	Clostridium putrificum
Actinomyces bovis BGB*	Bifidobacterium gallinarum	Clostridium ramosum
Actinomyces europaeus*	Bifidobacterium indicum	Clostridium rectum
Actinomyces graevenitzi*	Bifidobacterium infantis	Clostridium saccharolyticum
Actinomyces howellii*	Bifidobacterium longum	Clostridium sardiniensis
Actinomyces hyovaginalis*	Bifidobacterium magnum	Clostridium sartagoformum
Actinomyces israelii*	Bifidobacterium merycicum	Clostridium scatologenes
Actinomyces meyeri*	Bifidobacterium minimum	Clostridium scindens
Actinomyces naeslundii/viscosus*	Bifidobacterium pseudocatenulatum	Clostridium septicum
Actinomyces neuii*	Bifidobacterium pseudolongum ss globosum	Clostridium sordelli
Actinomyces odontolyticus*	Bifidobacterium pseudolongum ss pseudolongum	Clostridium sphenoides
Actinomyces radingae*	Bifidobacterium pullorum	Clostridium spiroforme
Actinomyces slackii*	Bifidobacterium ruminantium	Clostridium sporosphaeroides
Actinomyces turicensis*	Bifidobacterium saeculare	Clostridium sticklandii
Anaerobiospirillum succiniproducens	Bifidobacterium subtile	Clostridium subterminale
Anaeromusa acidaminophila	Bifidobacterium suis	Clostridium symbiosum
Anaerorhabdus furcosa	Bifidobacterium thermophilum	Clostridium tertium
Anaerosinus glycerini	Bilophila wadsworthia	Clostridium tetani
Arcanobacterium pyogenes*	Butyrivibrio fibrisolvens	Clostridium tetanomorphum
Atopobium fossor	Campylobacter curvus/gracilis	Clostridium tyrobutyricum
Atopobium minutum	Campylobacter rectus	Clostridium/Eubacterium species
Atopobium parvulum	Catonella morbi	Collinsella aerofaciens
Bacteroides caccae*	Centipeda periodontii	Coprococcus catus
Bacteroides coagulans*	Clostridium absonum	Dendrosporobacter quercicolus
Bacteroides distasonis*	Clostridium acetobutylicum	Desulfohalobium elongatum
Bacteroides eggerthii*	Clostridium aerotolerans	Desulfomonas pigra
Bacteroides forsythus*	Clostridium "aminobutyricum"	Desulfomonile tiedjei
Bacteroides fragilis BGA*	Clostridium aminophilum	Desulfovibrio desulfuricans ss desulfuricans
Bacteroides fragilis BGB*	Clostridium aminovalericum	Desulfovibrio fructosivorans
Bacteroides helcogenes*	Clostridium barati	Desulfovibrio vulgaris ss vulgaris
Bacteroides merdae*	Clostridium botulinum	Eggerthella lenta*
Bacteroides ovatus*	Clostridium cadaveris	Eikenella corrodens*
Bacteroides pectinophilus*	Clostridium carnis	Eubacterium angustum
Bacteroides putredinis*	Clostridium cellobioparum	Eubacterium barkeri
Bacteroides pyogenes*	Clostridium cellulolyticum	Eubacterium bifforme
Bacteroides splanchnicus*	Clostridium clostridiiforme	Eubacterium brachy
Bacteroides stercoris*	Clostridium coccoides	Eubacterium budayi
Bacteroides suis*	Clostridium cochlearium	Eubacterium combesii
Bacteroides tectus*	Clostridium cocleatum	Eubacterium contortum
Bacteroides thetaiotaomicron*	Clostridium colinum	Eubacterium cylindroides
Bacteroides uniformis*	Clostridium cylindrosporum	Eubacterium desmolans
Bacteroides ureolyticus*	Clostridium difficile	Eubacterium dolichum
Bacteroides vulgatus*	Clostridium fallax	Eubacterium fissicatena
Bifidobacterium adolescentis	Clostridium glycolicum	Eubacterium hallii
Bifidobacterium angulatum	Clostridium hastiforme	Eubacterium limosum BGA
Bifidobacterium animalis	Clostridium hydroxybenzoicum	Eubacterium limosum BGB
Bifidobacterium asteroides	Clostridium innocuum	Eubacterium moniliforme
Bifidobacterium bifidum	Clostridium intestinale	Eubacterium multiforme
Bifidobacterium boum	Clostridium irregulare	Eubacterium nodatum
	Clostridium malenominatum	Eubacterium plautii
	Clostridium nexile	Eubacterium saburreum
	Clostridium novyi	
	Clostridium orbiscindens	
	Clostridium oroticum	

Eubacterium tortuosum	Lactobacillus kefiri	Prevotella bivia
Eubacterium uniforme	Lactobacillus malefermentans	Prevotella buccae
Eubacterium yurii ss margariae	Lactobacillus mali/sakei ss sakei	Prevotella buccalis
Eubacterium yurii ss schittka	Lactobacillus murinus/paracasei ss tolerans	Prevotella corporis
Eubacterium yurii ss yurii	Lactobacillus oris/parabuchneri	Prevotella denticola
	Lactobacillus paracasei ss paracasei	Prevotella disiens (GNR Kan-R setup)
Facklamia hominis	Lactobacillus pentosus	Prevotella disiens (Standard AN setup)
Facklamia sourekii	Lactobacillus plantarum	Prevotella heparinolytica
	Lactobacillus reuteri	Prevotella intermedia
Falcvibrio grandis	Lactobacillus rhamnosus	Prevotella loescheii
Falcvibrio vaginalis	Lactobacillus salivarius ss salicinius	Prevotella nigrescens
	Lactobacillus salivarius ss salivarius	Prevotella oralis
Filifactor alocis*	Lactobacillus sanfranciscensis	Prevotella oris (GNR Kan-R setup)
Filifactor villosus	Lactobacillus suebicus	Prevotella oulora
	Lactobacillus vaginalis	Prevotella species
Finegoldia magna		
	Lactococcus garvieae	Propionibacterium acidipropionici*
Fusobacterium gonidiaformans*	Lactococcus lactis ss cremoris	Propionibacterium acnes*
Fusobacterium naviforme*	Lactococcus lactis ss hordniae	Propionibacterium avidum*
Fusobacterium necrogenes*	Lactococcus lactis ss lactis	Propionibacterium freudenreichii ss freudenreichii*
Fusobacterium necrophorum*	Lactococcus plantarum	Propionibacterium granulorum*
Fusobacterium nucleatum ss animalis*	Lactococcus raffinolactis	Propionibacterium jensenii*
Fusobacterium nucleatum ss fusiforme*		Propionibacterium lymphophilum*
Fusobacterium nucleatum ss nucleatum*	Leuconostoc carnosum	Propionibacterium propionicum*
Fusobacterium nucleatum ss polymorphum*	Leuconostoc citreum	Propionibacterium thoenii*
Fusobacterium nucleatum ss vincentii*	Leuconostoc fallax	
Fusobacterium russii*	Leuconostoc gelidum	
Fusobacterium simiae*	Leuconostoc lactis	Pseudoramibacter alactolyticus
Fusobacterium ulcerans*	Leuconostoc mesenteroides ss cremoris	
Fusobacterium varium*	Leuconostoc mesenteroides ss dextransicum	Rikenella microfusus
	Leuconostoc mesenteroides ss mesenteroides	
Gardnerella vaginalis		Ruminococcus gnavus
		Ruminococcus hansenii
Gemella bergeri	Megamonas hypermegale	Ruminococcus lactaris
Gemella haemolysans		Ruminococcus productus
Gemella morbillorum	Megasphaera cerevisiae	Ruminococcus torques
	Megasphaera elsdenii	
Granulicatella adiacens		Sarcina maxima
		Sarcina ventriculi
Hallella seregens	Micromonas micros	
		Sebaldella termitidis
Lactobacillus acetotolerans	Mobiluncus curtisii	
Lactobacillus acidophilus BGA	Mobiluncus mulieris	Selenomonas flueggei
Lactobacillus acidophilus BGB		Selenomonas infelix
Lactobacillus alimentarius	Mongibacterium timidum	Selenomonas noxia
Lactobacillus amylovorus		Selenomonas sputigena
Lactobacillus aviarius ss araffinosus	Pectinatus cerevisiiphilus	
Lactobacillus aviarius ss aviarius	Pectinatus frisingensis	Slackia heliotrinireducens
Lactobacillus bifementans		
Lactobacillus brevis	Pediococcus acidilactici	Sporolactobacillus inulinus
Lactobacillus buchneri	Pediococcus dextrinicus	
Lactobacillus casei	Pediococcus parvulus	Sporomusa acidovorans
Lactobacillus catenaformis	Pediococcus pentosaceus	Sporomusa ovata
Lactobacillus collinoides	Pediococcus urinaeequi	Sporomusa sphaeroides
Lactobacillus coryniformis ss coryniformis		
Lactobacillus coryniformis ss torquens	Peptostreptococcus anaerobius	Staphylococcus aureus ss anaerobius
Lactobacillus crispatus	Peptostreptococcus asaccharolyticus	Staphylococcus saccharolyticus
Lactobacillus curvatus	Peptostreptococcus barnesae	
Lactobacillus delbrueckii ss bulgaricus	Peptostreptococcus hydrogenalis	Streptococcus alactolyticus
Lactobacillus delbrueckii ss delbrueckii	Peptostreptococcus indolicus	Streptococcus anginosus
Lactobacillus delbrueckii ss lactis	Peptostreptococcus lacrimalis	Streptococcus bovis
Lactobacillus farciminis	Peptostreptococcus lactolyticus	Streptococcus macacae
Lactobacillus fermentum	Peptostreptococcus prevotii	Streptococcus mutans
Lactobacillus fructivorans	Peptostreptococcus tetradius	Streptococcus pleomorphus
Lactobacillus fructosus	Peptostreptococcus vaginalis	Streptococcus suis
Lactobacillus gasseri		Streptococcus thermophilus
Lactobacillus hamsteri	Porphyromonas asaccharolytica	
Lactobacillus helveticus	Porphyromonas circumdentaria/endodontalis	Succinivibrio dextrinosolvens
Lactobacillus hilgardii	Porphyromonas gingivalis	
Lactobacillus jensenii	Porphyromonas levii	Sutterella wadsworthensis
	Porphyromonas macacae	

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

Yeast Database (Release 6.01)

The Yeast database contains identification patterns for the 267 yeast species listed below. This database is used only with the automated system, and is available on CD-ROM (Catalog No. 22405D).

Arthroascus javanensis	Candida solani	Filobasidium uniguttulatum
Bulleromyces albus	Candida sonorensis	Galactomyces geotrichum
Candida aaseri A	Candida sorbophila	Geotrichum terrestre
Candida aaseri B	Candida sorboxylosa	Guilliermondella selenospora
Candida albicans	Candida spandovensis	Hanseniaspora guilliermondii/uvarum/valb
Candida apicola	Candida succiphila	Hanseniaspora occidentalis
Candida azyma	Candida tropicalis A	Hanseniaspora osmophila/vineae
Candida blankii	Candida tropicalis B	Hyphopichia burtonii A
Candida boidinii	Candida vanderwaltii	Hyphopichia burtonii B
Candida bombi	Candida vartiovaarai	Hyphopichia burtonii C
Candida cantarelli	Candida versatilis	Issatchenkia orientalis
Candida cariosilignicola	Candida viswanathii	Issatchenkia scutulata var exigua
Candida castellii	Candida wickerhamii	Issatchenkia scutulata var scutulata
Candida catenulata	Candida zeylanoides	Kluyveromyces delphensis
Candida diddensiae	Citeromyces matritensis	Kluyveromyces lactis
Candida diversa	Clavispora lusitanae	Kluyveromyces lodderae
Candida edax	Cryptococcus albidus	Kluyveromyces marxianus
Candida entomophila	Cryptococcus albidus var aerius	Kluyveromyces thermotolerans
Candida ergastensis	Cryptococcus albidus var albidus	Kluyveromyces wickerhamii
Candida etchellsii	Cryptococcus albidus var diffluens	Kurtzmanomyces nectairei
Candida famata	Cryptococcus amyloletus	Lodderomyces elongisporus
Candida fluviatilis	Cryptococcus curvatus A	Metschnikowia pulcherrima
Candida freyschussii	Cryptococcus curvatus B	Metschnikowia reukaufii
Candida friedrichii	Cryptococcus dimennae	Metschnikowia zobellii
Candida fructus	Cryptococcus gastricus	Nadsonia fulvescens
Candida fusiformata	Cryptococcus kuetzingii	Pachysolen tannophilus
Candida galacta	Cryptococcus laurentii	Phaffia rhodozyma
Candida geochares	Cryptococcus luteolus	Pichia alni
Candida glabrata	Cryptococcus macerans	Pichia amenthionina var amethonina
Candida glabosa	Cryptococcus magnus	Pichia amenthionina var pachy
Candida gropengiesseri	Cryptococcus magnus var aerius	Pichia amylophila/mississippiensis
Candida haemulonii	Cryptococcus marinus	Pichia angusta
Candida humilis	Cryptococcus skinneri	Pichia anomala
Candida incommunis	Cryptococcus terreus A	Pichia bisporea
Candida insectalens	Cryptococcus terreus B	Pichia canadensis
Candida insectamans	Cryptococcus tsukubaensis	Pichia carsonii
Candida insectorum	Debaryomyces castellii	Pichia etchellsii
Candida intermedia	Debaryomyces hansenii A	Pichia fabianii
Candida ishiwadae	Debaryomyces hansenii B	Pichia farinosa/muscicola
Candida magnoliae	Debaryomyces hansenii C	Pichia fermentans
Candida maltosa	Debaryomyces hansenii var fabryi	Pichia fluxuum
Candida maris	Debaryomyces maramus	Pichia glucozyma/methanolica
Candida maritima	Debaryomyces polymorphus	Pichia guilliermondii A
Candida melibiosica	Debaryomyces vanrijiae	Pichia guilliermondii B
Candida mogii	Dekkera anomala	Pichia haplophila
Candida montana	Dekkera bruxellensis A	Pichia holstii
Candida multisgemmis	Dekkera bruxellensis B	Pichia jadinii
Candida musae	Dekkera custersiana	Pichia kluyveri
Candida nemodendra	Dekkera naardenensis	Pichia media
Candida nitratophila	Dipodascus capitatus	Pichia membranaefaciens
Candida norvegica	Dipodascus ovetensis	Pichia mexicana
Candida oleophila	Endomyces fibuliger	Pichia minuta
Candida parapsilosis A	Endomycopsella vivi	Pichia muscicola
Candida parapsilosis B	Eremothecium ashbyi	Pichia norvegensis
Candida pararugosa	Fellomyces fuzhouensis	Pichia ohmeri A
Candida peltata	Filobasidiella neoformans bacillisporus	
Candida pinus	Filobasidiella neoformans neoformans A	
Candida rugosa A	Filobasidiella neoformans neoformans B	
Candida rugosa B		
Candida sake		
Candida salmanticensis		
Candida santamariae		
Candida savonica		
Candida shehatae		
Candida shehatae var shehatae		
Candida silvae		
Candida silvatica		

Yeast Database (continued)

Pichia ohmeri B
Pichia onychis
Pichia opuntiae
Pichia pastoris
Pichia petersonii
Pichia pipperi
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 sphaerocarpum
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 mucilaginosa
Rhodotorula muscorum
Rhodotorula phillyla
Rhodotorula pustula

Saccharomyces bayanu
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

Schwanniomyces 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

Torulasporea delbrueckii
Torulasporea globosa

Trichosporon beigellii A
Trichosporon beigellii B
Trichosporon brassicae
Trichosporon inkin

Trigonopsis triangularis/variabilis

Ustilago maydis

Wickerhamiella domercqiae

Williopsis californica
Williopsis saturnus
Williopsis saturnus var mraki
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 Database (Release 6.01)

The Filamentous Fungi database contains identification patterns for the 618 species listed below. This database is used only with the automated system, and is available on CD-ROM (Catalog No. 22406D).

- Absidia californica J.Ellis & Hesseltine
Absidia corymbifera (Cohn) Sacc & Trotter
Absidia clindrospora var clindrospora Hagen
Absidia glauca Hagen
Absidia spinosa var spinosa Lendner
- Acremonium atrogrisum (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
Acremonium strictum W. Gams BGA
Acremonium strictum W. Gams BGB
- Acrodontium crateriforme (van Beyma) de Hoog
Acrodontium griseum (Fassatiova') de Hoog
Acrodontium salmoneum de Hoog BGA
Acrodontium salmoneum de Hoog BGB
Acrodontium simplex (Mangenot) de Hoog
- Actinomucor elegans (Eidam) C.R. Benjamin & Hesseltine BGA
Actinomucor elegans (Eidam) C.R. Benjamin & Hesseltine BGB
- Alternaria alternaria (Fr.) Keissl
- Amorphotheca resinosa D. Parbery
- Aphanocladium album (Preuss) W. Gams
- Apiospora montagnei Sacc
- Arthrinium phacospermum (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 brevipes G. Smith
Aspergillus caesiellus Saito
Aspergillus caespitosus Raper & Thom
Aspergillus candidus Link BGA
Aspergillus candidus Link BGB
Aspergillus carbonarius (Bainier) Thom
Aspergillus carneus (V. Tiegham) Blockwitz
Aspergillus cervinus Massee
Aspergillus clavatus Desm.
Aspergillus egyptiacus Moubasher & Moustafa
Aspergillus elegans Gasperini
Aspergillus flavofurcatus Batista & Maia
Aspergillus flavus var flavus Link
Aspergillus foetidus Thom & Raper
Aspergillus fresenii Subramanian
Aspergillus fumigatus Fresen.
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 nutans McLennan & Ducker
Aspergillus ochraceus K. Wilhelm BGA
Aspergillus ochraceus K. Wilhelm BGB
Aspergillus oryzae var oryzae (Ahlburg) Cohn
Aspergillus ostianus Wehmer
Aspergillus pallidus Kamyschko
Aspergillus parasiticus Speare BGA
Aspergillus parasiticus Speare BGB
Aspergillus parvulus G. Sm. BGA
Aspergillus parvulus G. Sm. BGB
Aspergillus penicilliformis Kamyschko
Aspergillus petrakii Voros
Aspergillus phoenicis (Corda) Thom
Aspergillus proliferans G. Smith
Aspergillus pulverulentus (McAlp.) Thom
Aspergillus puniceus Kwon & Fennell
Aspergillus raperi Stolk & J.A. Meyer
Aspergillus restrictus G. Smith
Aspergillus sclerotiorum Huber
Aspergillus sepultus Tuthill & Christensen
Aspergillus sparsus Raper & Thom
Aspergillus speluneus Raper & Fennell
Aspergillus sydowii (Brainier & Sartory) Thom & Church
Aspergillus tamarii Kita
Aspergillus terreus var africanus Fennell & Raper
Aspergillus terreus var terreus Thom
Aspergillus terricola var americanus Marchal
Aspergillus terricola var terricola Marchal
Aspergillus ustus (Bainier) Thom & Church
Aspergillus versicolor (Vuill.) Tirab.
Aspergillus violaceofuscus Gasperini
Aspergillus wentii Wermer
Aspergillus zonatus Zonatus
- Aureobasidium pullulans var melanigenum (de Barry) G. Arnaud
Aureobasidium pullulans var pullulans (de Barry) G. Arnaud
- Basipetospora halophila (J.F.H. Beyma) Pitt & A.D. Hocking
- Beauveria bassiana
- 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
Byssochlamys fulva Olliver & G. Smith BGA
Byssochlamys fulva Olliver & G. Smith BGB
Byssochlamys nivea Westling
- Candida albicans (Robin) Berkhout
Candida guilliermondii (Castellani) Langeron & Guerra
Kodamaea ohmeri
Candida insectorum D.B. Scott et al. (yeast)

- Candida intermedia* (AS) (Ciferri & Ashford) Langeron & Guerra
Candida montana S. Goto & Oguri (yeast)
Candida parapsilosis (Ashford) Langeron & Talice
Candida rugosa (H.W. Anderson) Diddens & Lodder (yeast)
Candida sake (Saito & Oda) v. Uden & Buckley
Candida sorbophila (Nakase) S.A. Meyer & Yarrow (yeast)
Candida zeylanoides (Castellani) Langeron & Guerra
- Cephalophora tropica* Thaxler
- Cerinosterus cyanesens* (de Hoog & de Vries) R.T. Moore
- Chaetomium funicola* Cooke
Chaetomium globosum Kunze: Fries
- Chaetosartorya stromatoides* Wiley & Simmon
- Chryso sporium indicum* (Randhawa & Sandhu) Garg
Chryso sporium inops J.W. Carmich.
Chryso sporium keratinophilum D.Frey ex Charmichael
Chryso sporium merdarium (Link: Fries) Carmichael.
Chryso sporium pannicola (Corda) van Oorschot & Stalpers
- Cladosporium cladosporioides* (Fresen.) G.A. de Vries
Cladosporium herbarum (Pers.) Link BGA
Cladosporium herbarum (Pers.) Link BGB
Cladosporium macrocarpum Preuss
Cladosporium sphaerospermum Penz. BGA
Cladosporium sphaerospermum Penz. BGB
Cladosporium tenuissimum Cooke
- Clonostachys rosea* (Link: Fr.) Schroers, Samuels, Seifert & W. Gams
- Colletotrichum acutatum* Simmonds
Colletotrichum capsici (H. Sydow) E. Butler & Bisby
Colletotrichum coccodes (Wallroth) Hughes
Colletotrichum coffeanum Noack sensu Hindorf
Colletotrichum crassipes (Spegazzini) von Ar
Colletotrichum dematium (Persoon: Fries) Grove
Colletotrichum destructivum O'Gara
Colletotrichum gloeosporioides (Penzig) Penzig & Saccardo
Colletotrichum lindenu thianum (Saccardo & Magnus) Briosi
Colletotrichum trichellum (Fries) Duke
Colletotrichum trifolii Bain & Essary
Colletotrichum truncatum (Schweinitz) Andrus & Moore
- Cryptococcus albidus* var *albidus* (Saito) Skinner
Cryptococcus laurentii var *laurentii* (Kufferath) Skinner
Cryptococcus terreus di Menna (yeast)
- Cunninghamella elegans* Lendner
- Curvularia lunata* var *lunata* (Wakker) Boedijn BGA
Curvularia lunata var *lunata* (Wakker) Boedijn BGB
- Debaryomyces castellii* Capriotti (yeast)
Debaryomyces hansenii var *hansenii* (Zopl) Lodder & Kreger-v.Rij BGA (anam. CANADA FAMATA) (yeast)
Debaryomyces hansenii var *hansenii* (Zopl) Lodder & Kreger-v.Rij BGB (anam. CANADA FAMATA)
Debaryomyces hansenii var *hansenii* (Zopl) Lodder & Kreger-v.Rij BGC (anam. CANADA FAMATA)
Debaryomyces hansenii var *hansenii* (Zopl) Lodder & Kreger-v.Rij BGD (anam. CANADA FAMATA)
Debaryomyces occidentalis var *occidentalis* (Klocker) Kurtzman & Robnett (yeast)
Debaryomyces polymorphus var *polymorphus* (Klocker) C.W. Price & Phaff (yeast)
- Dekkera bruxellensis* van der Walt (anam. *Brettanomyces bruxellensis*)
- Doratomyces microsporus* (Sacc.) Morton & G. Smith
Doratomyces stemonitis (Pers.:Fr) Morton & G. Smith
- Emericella fruticulosa* (Raper & Fennel) Malloch & Cain
Emericella nidulans var *nidulans* (Eidam) Vuillemin
Emericella quadrilineata (Thom & Raper) C.R. Benjamin
Emericella rugulosa (Thom & Raper) C.R. Benjamin
Emericella striata (J.N. Rai et al.) Malloch & Cain
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
- Endomyces fibuliger* Lindner
- Engyodontium album* (Limber) de Hoog
- Epicoccum nigrum* (purapurascens) Link
- Eremascus fertilis* Stoppel
- Eupenicillium baarnense* (V.Beyma)Stolk&Scott (anam. *Penicillium turbatum*)
Eupenicillium brefeldianum (Dodge)Stolk&Scott (anam. *Penicillium dodgei*)
Eupenicillium cinnamorpurpureum D.B. Scott & Stolk BGA (anam. *Penicillium cinnamopurpureum*)
Eupenicillium cinnamorpurpureum D.B. Scott & Stolk BGB (anam. *Penicillium cinnamopurpureum*)
Eupenicillium crustaceum Ludwig (anam. *Penicillium nilense*)
Eupenicillium euglaucum (van Beyma) Stolk & Samson BGA (anam. *Penicillium citreonigrum*)
Eupenicillium euglaucum (van Beyma) Stolk & Samson BGB (anam. *Penicillium citreonigrum*)
Eupenicillium javanicum var *javanicum* (Van Beyma) Stolk & Scott (P. simplicissimum p.p.)
Eupenicillium lapidosum Scott & Stolk (anam. *Penicillium lapidosum*)
Eupenicillium meridianum Scott (anam. *Penicillium decumbens*)
Eupenicillium pinetorum Stolk (anam. *Penicillium fuscum*)
- Eurotium amstelodami* Mangin (anam. *Aspergillus hollandicus*)
Eurotium chevalieri L.Mangin BGA (anam. *Aspergillus equitis*)
Eurotium chevalieri L.Mangin BGB (anam. *Aspergillus equitis*)
Eurotium echinulatum Delacroix (anam. *Aspergillus echinulatus*)
Eurotium herbariorum (Wiggers:Fr.) Link (anam. *Aspergillus glaucus*)
Eurotium intermedium Blaser (anam. *Aspergillus intermedium*)
Eurotium pseudoglaucum (Blochwitz) Malloch & Cain
Eurotium repens, de Bary
Eurotium rubrum Konig et al. (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 nivea (Wiley & Simmons) Samson BGA (anam. *Aspergillus niveus*)
Fennellia nivea (Wiley & Simmons) Samson BGB (anam. *Aspergillus niveus*)
Fusarium acuminatum Ellis & Everh. BGA (teleo. *Gibberella acuminatum*)
Fusarium acuminatum Ellis & Everh. BGB (teleo. *Gibberella acuminatum*)
Fusarium annulatum Bugnicourt
Fusarium avenaceum (Corda:Fr.) Sacc. BGA (teleo. *Gibberella avenacea*)
Fusarium avenaceum (Corda:Fr.) Sacc. BGB (teleo. *Gibberella avenacea*)

- Fusarium avenaceum* (Corda:Fr.) Sacc. BGC (teleo. *Gibberella avenacea*)
Fusarium avenaceum s sp aywerte Sangalang & L.W. Burgess
Fusarium avenaceum s sp nurragai Summerell & L.W. Burgess
Fusarium brevicatenuatum Nirenberg, O'Donnell, Kroschel & Andrianairo
Fusarium camptoceras Wollenw. & Reinking
Fusarium chlamydosporum var *chlamydosporum* Wollenw. & Reinking
Fusarium ciliatum Link
Fusarium compactum (Wollenw.) Raillo
Fusarium crookwellense Burgess, Nelson & Toussoun BGA
Fusarium crookwellense Burgess, Nelson & Toussoun BGB
Fusarium crookwellense Burgess, Nelson & Toussoun BGC
Fusarium culmorum (W.G. Smith) Sacc. BGA
Fusarium culmorum (W.G. Smith) Sacc. BGB
Fusarium decemcellulare Brick (teleo. *Nectria rigidiuscula*)
Fusarium equiseti (Corda) Sacc. (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 graminearum Schwabe BGD (teleo. *Gibberella zeae*)
Fusarium graminearum Schwabe BGE (teleo. *Gibberella zeae*)
Fusarium graminum Corda
Fusarium heterosporum Nees BGA (teleo. *Gibberella gordonia*)
Fusarium heterosporum Nees BGB (teleo. *Gibberella gordonia*)
Fusarium heterosporum Nees BGC (teleo. *Gibberella gordonia*)
Fusarium juruanum P. Henn. (teleo. *Nectria diplos*)
Fusarium lactis Pirotta & Riboni
Fusarium lateritium var *lateritium* Nees (teleo. *Gibberella baccata*)
Fusarium longipes Wollenw. & Reinkin
Fusarium melanochlorum (Caspary) Sacc. (teleo. *Nectria flavoviridis*)
Fusarium merismoides VAR MERISMOIDES Corda
Fusarium oxysporum Schlct.:Fr. BGA
Fusarium oxysporum Schlct.:Fr. BGB
Fusarium pallidoroseum (Cooke) Sacc.
Fusarium poae (Peck) Wollenw. BGA
Fusarium poae (Peck) Wollenw. BGB
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 & Mabatanhema
Fusarium pseudograminearum Aoki & O'Donnell
Fusarium ramigenum O'Donnell & Nirenberg
Fusarium redolens Wollenw.
Fusarium 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 (Mart.) Sacc. BGA
Fusarium solani (Mart.) Sacc. BGB
Fusarium sporotrichioides var *minus* Sherb. BGA
Fusarium sporotrichioides var *minus* Sherb. BGB
Fusarium sporotrichioides var *sporotrichioides* Sherb. BGA
Fusarium sporotrichioides var *sporotrichioides* Sherb. BGB
Fusarium stilboides Wollenw. BGA (teleo. *Gibberella stilboides*)
Fusarium stilboides Wollenw. BGB (teleo. *Gibberella stilboides*)
Fusarium stilboides Wollenw. BGC (teleo. *Gibberella stilboides*)
Fusarium subglutinans (Wollenw. & Reinking) P.E. Nelson et al. (teleo. *Gibberella subglutinans*)
Fusarium thapsinum Klittich, Leslie, Nelson & Marasas
Fusarium torulosum (Berk. & Curt.) Nirenberg
Fusarium tricinatum (Corda) Sacc. BGA
Fusarium tricinatum (Corda) Sacc. BGB
Fusarium tricinatum (Corda) Sacc. BGC
Fusarium tricinatum (Corda) Sacc. BGD
Fusarium tumidum Scherbakoff (teleo. *Gibberella tumida*)
Fusarium udum E. Butler
Fusarium venenatum Nirenberg
Fusarium ventricosum Appel & Wollenw.
Fusarium verticillioides (Sacc.) Nirenberg (teleo. *Gibberella moniliformis*)
Fusarium xylarioides Steyaert (teleo. *Gibberella xylarioides*)
Galactomyces geotrichum(SS)(Butler & Perterson) Redhead & Malloch BGA (anam. *Geotrichum candidum*)
Galactomyces geotrichum(SS)(Butler & Perterson) Redhead & Malloch BGB (anam. *Geotrichum candidum*)
Galactomyces geotrichum(SS)(Butler & Perterson) Redhead & Malloch BGC (anam. *Geotrichum candidum*)
Galactomyces geotrichum(SS)(Butler & Perterson) Redhead & Malloch BGD (anam. *Geotrichum candidum*)
Geomyces pannorum var *pannorum* (Link) Sigler & Carmichael BGA
Geomyces pannorum var *pannorum* (Link) Sigler & Carmichael BGB
Geomyces pulvereus Hocking & Pitt
Geosmithia putterilli (Thom) Pitt
Geotrichum klebahnii (Stautz) Morenz
Geotrichum sericeum (Stautz) de Hoog et al.
Gibberella subglutinans (Edwards) Nelson, Toussoun & Marasas
Gliocladium catenulatum Gilman & Abbott
Gliocladium viride Matruchot
Gonatobotrys simplex Corda
Hanseniaspora uvarum (Niehaus) El-Taby Shehata et al.
Hanseniaspora valbyensis Kloecker (anam. *Kloeckera japonica*)
Hemicarpenales paradoxus Sarbhoy & Elphick
Hortaea werneckii (Horta) Nishimura & Miyaji
Hyphopichia burtonii (Boidin et al.) Arx & Van der Walt
Hypocrea andinensis Samuels & O. Petrini
Hypocrea aurantia P. Hennings
Hypocrea aureoviridis Plowright & Cooke (anam. *Trichoderma aureoviride*)
Hypocrea gelatinosa (Tode: Fr.) Fr.
Hypocrea jecorina Berk. & Broome BGA (anam. *Trichoderma reesei*)
Hypocrea jecorina Berk. & Broome BGB (anam. *Trichoderma reesei*)
Hypocrea nigrescens (Imai) Doi
Hypocrea novaezelandiae Samuels & O. Petrini
Hypocrea orientalis Samuels & O. Petrini
Hypocrea pseudokoningii Samuels & O. Petrini
Hypocrea schweinitzii (Fr.) Saccardo (anam. *Trichoderma citrinoviride*)
Issatchenkia orientalis Kudryavtsev (anam. *Candida krusei*)
Issatchenkia scutulata (Phaff et al.) Kurtzman et al. (yeast)
Kluyveromyces lactis var *lactis* (Dombrowski) Van der Walt (anam. *Candida sphaerica*)
Kluyveromyces marxianus (Hansen) Van.der Walt BGA
Kluyveromyces marxianus (Hansen) Van.der Walt BGB
Kluyveromyces marxianus (Hansen) Van.der Walt BGC
Kluyveromyces marxianus (Hansen) Van.der Walt BGD
Kluyveromyces marxianus (Hansen) Van.der Walt BGE

Lecythophora hoffmannii (van.Beyma) W. Gams BGA	Penicillium chrysogenum Thom
Lecythophora hoffmannii (van.Beyma) W. Gams BGB	Penicillium citreonigrum Dierckx BGA (teleo. Eupenicillium euglaucum)
Lecythophora mutabilis (van Beyma) W. Gams	Penicillium citreonigrum Dierckx BGB (teleo. Eupenicillium euglaucum)
Mariannaea elegans var elegans (Corda) G. Amand ex Samson	Penicillium citreonigrum Dierckx BGC (teleo. Eupenicillium euglaucum)
Mariannaea elegans var punicea Samson	Penicillium citrinum Thom
Microdochium bolleyi (Sprague) de Hoog & Herm.-Nijhof	Penicillium clavigerum Demelius
Microsphaeropsis olivacea (Bonorden) v. Hoehnel	Penicillium commune Thom BGA
Monascus ruber v. Tiegham	Penicillium commune Thom BGB
Moniliella acetoabutens Stolk & Dakin	Penicillium corylophilum Dierckx
Moniliella suaveolens var suaveolens (Lindner) v.Ar	Penicillium crateriforme Gilman & Abbott
Mucor circinelloides f sp circinelloides v. Tiegham	Penicillium crustosum Thom
Mucor hiemalis f sp hiemalis Wehmer	Penicillium cyclopium Westling
Mucor musedo Linn.: Fr.	Penicillium decumbens Thom (teleo. Eupenicillium meridianum)
Mucor plumbeus Bonord	Penicillium digitatum (Pers.:Fr.) Sacc. BGA
Mucor racemosus f sp racemosus Fresen.	Penicillium digitatum (Pers.:Fr.) Sacc. BGB
Myceliophthora lutea Costantin	Penicillium discolor Frisvad & Samson
Myrothecium roridum Tode:Fr.	Penicillium duclauxii Delucr.
Myrothecium verrucaria (Alb. & Schwein.:Fr.) Ditmar	Penicillium echinulatum Fassatiava
Nectria aureofulva Cooke & Ellis (anam. Clonostachys sp.)	Penicillium erythromellis Hocking
Nectria hematococca Berk. & Br. (anam. Fusarium eumartii)	Penicillium expansum Link BGA
Nectria ochroleuca (Schweinitz) Berkeley	Penicillium expansum Link BGB
Nectria sesquicilli Samuels (anam. Clonostachys sp.)	Penicillium expansum Link BGC
Neosartorya fischeri var fischeri (Wehmer) Malloch & Cain	Penicillium expansum Link BGD
Neurospora crassa Schear & Dodge	Penicillium fellutnum Biourge
Neurospora sitophila Schear & Dodge	Penicillium frei Frisvad & Samson BGA
Nigrospora oryzae (Berk. & Broome) Petch	Penicillium frei Frisvad & Samson BGB
Nigrospora sphaerica (sacc.) Mason	Penicillium frei Frisvad & Samson BGC
Ophiostoma piceae (Munch) H. & P. Sydow BGA	Penicillium funiculosum Thom BGA
Ophiostoma piceae (Munch) H. & P. Sydow BGB	Penicillium funiculosum Thom BGB
Ophiostoma ulmi (Buisman) Nannfeldt	Penicillium glabrum (Wehmer) Westling
Paecilomyces carneus (Duché & Heim) A. Brown & G. Smith	Penicillium glandicola var glandicola (Oud.) Seifert & Samson
Paecilomyces farinosus (Holm:Fr.) A. Brown & G. Smith	Penicillium griseofulvum Dierckx
Paecilomyces fumosoroseus (Wize) A. Brown & G. Smith	Penicillium herquei Bainier & Sartory
Paecilomyces lilacinus (Thom) Samson	Penicillium hirsutum Dierckx
Paecilomyces marquandii (Massee) S. Hughes	Penicillium hordei Stolk
Paecilomyces variotii (Bainier) BGA	Penicillium implicatum Biourge
Paecilomyces variotii (Bainier) BGB	Penicillium islandicum Sopp
Penicillium adametzii Zaleski BGA	Penicillium italicum Wehmer
Penicillium adametzii Zaleski BGB	Penicillium janczewskii K.M. Zaleski
Penicillium aethiopicum Frisvad	Penicillium janthienellum Biourge
Penicillium allii Vincent & Pitt	Penicillium jansenii Zaleski
Penicillium argillaceum Stolk et al.	Penicillium lagena (Delitsch) Stolk & Samson
Penicillium atramentosum Thom	Penicillium lanosum Westling
Penicillium aurantiogriseum Dierckx BGA	Penicillium lividum Westling
Penicillium aurantiogriseum Dierckx BGB	Penicillium madriti G.Smith
Penicillium aurantiovirens Biourge	Penicillium melanoconidium (Frisvad) Frisvad & Samson BGA
Penicillium bilaiae Chalabuda	Penicillium melanoconidium (Frisvad) Frisvad & Samson BGB
Penicillium brevicompactum Dierckx BGA	Penicillium melinii Thom
Penicillium brevicompactum Dierckx BGB	Penicillium miczynski Zaleski
Penicillium brevicompactum Dierckx BGC	Penicillium minioluteum Dierckx BGA
Penicillium camemberti Thom BGA	Penicillium minioluteum Dierckx BGB
Penicillium camemberti Thom BGB	Penicillium minioluteum Dierckx BGC
Penicillium canescens Sopp	Penicillium montanense M. Christensen & Backus
Penicillium capsulatum Raper & Fennell	Penicillium nalgiovense Laxa
Penicillium chermesinum Biourge	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 oxalicum Currie & Thom
	Penicillium paxilli Bainier
	Penicillium phoeniceum van.Beyma
	Penicillium piceum Raper & Fennell
	Penicillium pinophilum Hedge. BGA
	Penicillium pinophilum Hedge. BGB
	Penicillium pinophilum Hedge. BGC

- Penicillium pinophilum* Hedge. BGD
Penicillium polonicum Zaleski BGA
Penicillium polonicum Zaleski BGB
Penicillium primulinum Pitt
Penicillium purpurescens (Sopp.) Biourge
Penicillium purpurogenum Stoll BGA
Penicillium purpurogenum Stoll BGB
Penicillium purpurogenum Stoll BGC
Penicillium purpurogenum var *rubisclerotium* Thom
Penicillium raistrickii G.Smith
Penicillium restrictum J.C. Gilman & E.V. Abbott BGA
Penicillium restrictum J.C. Gilman & E.V. Abbott BGB
Penicillium roqueforti Thom BGA
Penicillium roqueforti Thom BGB
Penicillium roqueforti Thom BGC
Penicillium roqueforti Thom BGD
Penicillium roqueforti Thom BGE
Penicillium rubrum Stoll BGA
Penicillium rubrum Stoll BGB
Penicillium rugulosum Thom BGA
Penicillium rugulosum Thom BGB
Penicillium rugulosum Thom BGC
Penicillium sclerotiorum Van.Beyma
Penicillium siamense Manoch & Ramirez
Penicillium simplicissimum (Oudem.) Thom BGA
Penicillium simplicissimum (Oudem.) Thom BGB
Penicillium smithii Quintanilla
Penicillium solitum Westling BGA
Penicillium solitum Westling BGB
Penicillium solitum Westling BGC
Penicillium steckii Zaleski BGA
Penicillium steckii Zaleski BGB
Penicillium thomii Maire BGA
Penicillium thomii Maire BGB
Penicillium tricolor Fresvad et al.
Penicillium trubatum Westling BGA (teleo. *Eupenicillium* baarnese)
Penicillium trubatum Westling BGB (teleo. *Eupenicillium* baarnese)
Penicillium variabile Sopp BGA
Penicillium variabile Sopp BGB
Penicillium verrucosum var *verrucosum* Dierckx BGA
Penicillium verrucosum var *verrucosum* Dierckx BGB
Penicillium viridicatum Westling BGA
Penicillium viridicatum Westling BGB
Penicillium vulpinum (Cooke & Massee) Seifert & Samson

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 (Lagerb. & Melin) Conant
Phialophora malorum (Kidd & Beaumont) McColloch
Phialophora richardsiae (Nannf. & Melin) Conant

Phoma chrysanthemicola Hollos
Phoma exigua var *exigua* Desm.
Phoma glomerata (Corda) Wollenw. & Hochapfel BGA
Phoma glomerata (Corda) Wollenw. & Hochapfel BGB
Phoma herbarum Westend.
Phoma macrostoma var *macrostoma* Mont.
Phoma multirostrata (Mathur et al.) Dorenbosch & Boerema
Phoma septicalis Boerema
Phoma sorghina (Sacc.) Boerema

Pichia anomala (Sydow & Sydow) Kurtzman BGA
Pichia anomala (Sydow & Sydow) Kurtzman BGB
Pichia fermentans Lodder BGA (anam. *Candida lambica*)
Pichia fermentans Lodder BGB (anam. *Candida lambica*)
Pichia guilliermondii Wickernam (anam. *Candida guilliermondii*)
Pichia haplophila Shifrine & Phaff (yeast)
Pichia membranifaciens Hansen (anam. *Candida valida*)
Pichia pastoris (Guilliermond) Phaff (yeast)
Pichia petersonii (Wickerham) Kurtzman (yeast)
Pichia spartinae Ahearn et al. (yeast)

Pithomyces chartarum (Berk. & Curtis) M.B. Ellis
Pithomyces sacchari (Speg.) M.B. Ellis

Rhinocladiella atrovirens Nannf. BGA
Rhinocladiella atrovirens Nannf. BGB

Rhizomucor pusillus (Lindt) Schipper

Rhizopus microsporus var *microsporus* v. Tiegh
Rhizopus oligosporus Saito
Rhizopus oryzae Went & Prins. Geerl.
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 (Saito) F.C. Harrison (yeast)
Rhodotorula mucilaginoso(AS) (A.Jörg) F.C. Harrison BGA
Rhodotorula mucilaginoso (AS) (A.Jörg) F.C. Harrison BGB
Rhodotorula muscorum (di Menna) von Arx & Weijman (yeast)

Saccharomyces bayanus Sacc.
Saccharomyces cerevisiae Meyen ex E.C. Hanson BGA
Saccharomyces cerevisiae Meyen ex E.C. Hanson BGB
Saccharomyces cerevisiae Meyen ex E.C. Hanson BGC
Saccharomyces cerevisiae Meyen ex E.C. Hanson BGD
Saccharomyces cerevisiae Meyen ex E.C. Hanson BGE
Saccharomyces cerevisiae Meyen ex E.C. Hanson BGF
Saccharomyces cerevisiae Meyen ex E.C. Hanson BGG
Saccharomyces exiguus(SS) Reess ex Hanson (anam. *Candida holmii*)

Schizosaccharomyces octosporus Beijerinck (*Octosporomyces* octosporus)
Schizosaccharomyces pombe Lindler

Scopulariopsis asperula (Sacc.) Hughes
Scopulariopsis brevicaulis (Sacc.) Bainier BGA
Scopulariopsis brevicaulis (Sacc.) Bainier BGB
Scopulariopsis brumptii Salvanet-Duval
Scopulariopsis candida (Guéguen) 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 Kluyver & Van Niel
Sporopachydermia ceriana Rodrigues de Miranda (yeast)

Sporothrix schenckii var *schenckii* Kektoen & Perkins

Stachybotrys bisbyi (Srinavesan) Barron
Stachybotrys chartarum (Ehrenb.) Hughes
Stachybotrys cylindrospora C.N. Jensen
Stachybotrys echinulata (Rivolta) G. Smith

Sterigmatomyces elviae Sonck & Yarrow

Sterigmatomyces halophilus Fell
Syncephalastrum racemosum J.Schrot.
Talaromyces bacillisporus (Swift) C.R. Benjamin
Talaromyces flavus var flavus (Klocker) Stolk & Samson
Talaromyces macrosporus (Stolk & Samson) Frisvad et al.
Thamnidium elegans Link
Tilletiopsis albescens Gokhale
Torula herbarum Link: Fr.
Torulaspora delbrueckii (Lindner) Lindner (anam. Candida colliculosa)
Trichoderma atroviride Karsten
Trichoderma aureoviride Rifai (teleo. Hypocrea aureoviridis)
Trichoderma citrinoviride Bissett BGA (teleo. Hypocrea schweinitzii)
Trichoderma citrinoviride Bissett BGB (teleo. Hypocrea schweinitzii)
Trichoderma citrinoviride Bissett BGC (teleo. Hypocrea schweinitzii)
Trichoderma crassum Bissett
Trichoderma fasciculatum Bissett
Trichoderma fertile Bissett
Trichoderma ghanense Y. Doi, Y. Abe & J. Sugiyama
Trichoderma hamatum (Bon.) Bainier
Trichoderma harzianum Rifai BGA
Trichoderma harzianum Rifai BGB
Trichoderma harzianum Rifai BGC
Trichoderma koningii Oud. (teleo. Hypocrea koningii)
Trichoderma longibrachiatum Rifai BGA
Trichoderma longibrachiatum Rifai BGB
Trichoderma longibrachiatum Rifai BGC
Trichoderma longibrachiatum Rifai BGD
Trichoderma minutisporum Bissett
Trichoderma oblongisporum Bissett
Trichoderma piluliferum Webster & Rifai (teleo. Hypocrea pilulifera)
Trichoderma polysporum (Link:Fr.) 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.)v.Ar. BGA
Trichoderma virens (Miller et al.)v.Ar. BGB
Trichoderma viride Pers.:Fr.
Trichothecium roseum (Pers.) 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

Verticillium lecanii (Zimmermann) Viegas
Wallemia sebi (Fr.) v. Arx
Williopsis saturnus var saturnus (Klocker) Zender (yeast)
Yarrowia lipolytica (SS) (Wickerham et al.) v.d. Walt & v. Arx (anam. Candida lipolytica)
Zygorhynchus moelleri Vuillemin
Zygosaccharomyces bailii (Lindner) Guillerm
Zygosaccharomyces rouxii (Boutroux) Yarrow
Zygosporium mycophilum (Vuillemin) Saccardo