

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 2000+ identification profiles of environmental and fastidious organisms from diverse fields of microbiology. Seven databases are available for a broad spectrum of aerobic and anaerobic bacteria, yeasts and filamentous fungi.

GEN III GRAM-NEGATIVE AEROBIC BACTERIA

Achromobacter cholinophagum
Achromobacter denitrificans
Achromobacter insolitus
Achromobacter piechaudii
Achromobacter spanius
Achromobacter xylosoxidans ss xylosoxidans
Acidovorax avenae ss avenae
Acidovorax avenae ss cattleyae
Acidovorax avenae ss citrulli
Acidovorax delafieldii
Acidovorax facilis
Acidovorax konjaci
Acidovorax temperans
Acinetobacter baumannii
Acinetobacter baylyi
Acinetobacter bouvetii
Acinetobacter calcoaceticus
Acinetobacter genospecies 10
Acinetobacter genospecies 11
Acinetobacter genospecies 13TU
Acinetobacter genospecies 14TU
Acinetobacter genospecies 15TU
Acinetobacter genospecies 3
Acinetobacter genospecies 6
Acinetobacter gerneri
Acinetobacter grimontii
Acinetobacter haemolyticus
Acinetobacter johnsonii
Acinetobacter junii
Acinetobacter lwoffii
Acinetobacter parvus
Acinetobacter radioresistens
Acinetobacter schindleri
Acinetobacter tandoii
Acinetobacter tjernbergiae
Acinetobacter towneri
Acinetobacter ursingii
Acinetobacter venetianus
Actinobacillus capsulatus
Actinobacillus equuli ss equuli
Actinobacillus hominis
Actinobacillus indolicus
Actinobacillus lignieris
Actinobacillus minor
Actinobacillus muris
Actinobacillus pleuropneumoniae
Actinobacillus porcinus
Actinobacillus porcitonillarum
Actinobacillus rossii
Actinobacillus seminis
Actinobacillus succinogenes
Actinobacillus suis
Actinobacillus ureae
Aeromonas allosaccharophila
Aeromonas bestiarum
Aeromonas caviae DNA group 4
Aeromonas DNA group 11
Aeromonas encheleia
Aeromonas enteropelogenes DNA 13
Aeromonas eucrophila DNA group 6
Aeromonas hydrophila DNA group 1
Aeromonas hydrophila-like DNA group 2
Aeromonas hydrophila-like DNA group 3
Aeromonas ichthiosmia
Aeromonas jandaei DNA group 9
Aeromonas media DNA group 5B
Aeromonas media-like DNA group 5A
Aeromonas popoffii
Aeromonas salmonicida ss achromogenes
Aeromonas salmonicida ss masoucida
Aeromonas salmonicida ss pectinolytica
Aeromonas salmonicida ss salmonicida
Aeromonas schubertii DNA group 12
Aeromonas sobria DNA group 7
Aeromonas veronii DNA group 10
Aeromonas veronii/sobria DNA group 8
Aggregatibacter actinomycetemcomitans
Aggregatibacter aphrophilus
Aggregatibacter segnis
Alcaligenes defragrans
Alcaligenes faecalis ss faecalis
Alysiella crassa
Alysiella filiformis
Aminobacter aminovorans
Aquaspirillum peregrinum ss integrum
Aquaspirillum peregrinum ss peregrinum
Aquaspirillum putridiconchylium
Avibacterium avium
Avibacterium gallinarum
Avibacterium paragallinarum
Avibacterium volantium
Azospirillum brasilense
Bergeriella denitrificans
Bergeyella zoohelcum
Bibersteinia trehalosi
Bordetella avium
Bordetella bronchiseptica
Bordetella hinzii
Bordetella holmesii
Bordetella parapertussis
Bordetella petrii
Bordetella trematum
Brachymonas denitrificans
Bradyrhizobium japonicum
Brenneria salicis
Brevundimonas diminuta
Brevundimonas vesicularis
Budvicia aquatica
Burkholderia ambifaria
Burkholderia andropogonis
Burkholderia anthina/caribensis
Burkholderia caledonica
Burkholderia caryophylli
Burkholderia cepacia
Burkholderia fungorum
Burkholderia gladioli
Burkholderia glathei
Burkholderia glumae
Burkholderia graminis
Burkholderia kururiensis
Burkholderia multivorans
Burkholderia phenazinum
Burkholderia plantarii
Burkholderia pyrrocinia
Burkholderia stabilis
Burkholderia terricola
Burkholderia vietnamiensis
Buttiauxella agrestis
Buttiauxella brennerae
Buttiauxella ferruginea
Buttiauxella gaviniae
Buttiauxella izardii
Buttiauxella noackiae
Buttiauxella warmboldiae
Capnocytophaga canimorsus
Capnocytophaga cynodegmi
Capnocytophaga gingivalis
Capnocytophaga granulosa
Capnocytophaga haemolytica
Capnocytophaga ochracea/sputigena
Cardiobacterium hominis
Cardiobacterium valvarum
CDC group DF-3 (Capnocytophaga)
CDC group EF-4 (Neisseria)
CDC group II-E subgroup A
CDC group II-E subgroup B
CDC group II-H
Cedecea davisae
Cedecea lapagei
Cedecea neteri
Chromobacterium violaceum
Chryseobacterium balustinum
Chryseobacterium gleum/indologenes
Chryseobacterium indoltheticum
Chryseobacterium scophthalmum
Citrobacter amalonaticus
Citrobacter braakii
Citrobacter farmeri
Citrobacter freundii
Citrobacter gillenii
Citrobacter koseri/youngae
Citrobacter murliniae
Citrobacter rodentium
Citrobacter sedlakii
Citrobacter werkmanii
Cloacibacterium normanense
Collimonas fungivorans
Comamonas aquatica
Comamonas denitrificans
Comamonas kerstersii
Comamonas terrigena
Comamonas testosteroni
Conchiformibius steedae

GEN III GRAM-NEGATIVE AEROBIC BACTERIA

<i>Cronobacter dublinensis</i> ss dublinensis	<i>Haemophilus paracuniculus</i>	<i>Neisseria flava</i>
<i>Cronobacter dublinensis</i> ss lactaridi	<i>Haemophilus parahaemolyticus</i>	<i>Neisseria flavescens</i>
<i>Cronobacter dublinensis</i> ss lausanensis	<i>Haemophilus parainfluenzae</i>	<i>Neisseria gonorrhoeae</i>
<i>Cronobacter genomospecies 1</i>	<i>Haemophilus paraphrohaemolyticus</i>	<i>Neisseria lactamica</i>
<i>Cronobacter malonaticus</i>	<i>Haemophilus parasuis</i>	<i>Neisseria meningitidis</i>
<i>Cronobacter muytjensii</i>	<i>Hafnia alvei</i>	<i>Neisseria mucosa</i>
<i>Cronobacter sakazakii</i>	<i>Herbaspirillum frisingense</i>	<i>Neisseria perflava</i>
<i>Cronobacter turicensis</i>	<i>Herbaspirillum huttiense</i>	<i>Neisseria sicca</i>
<i>Cupriavidus campinensis</i>	<i>Herbaspirillum rubrisubalbicans</i>	<i>Neisseria subflava</i>
<i>Cupriavidus gilardii</i>	<i>Herbaspirillum seropedicae</i>	<i>Neisseria weaveri</i>
<i>Cupriavidus necator</i>	<i>Histophilus somnus</i>	<i>Obesumbacterium proteus</i>
<i>Cupriavidus pauculus</i>	<i>Hydrogenophaga palleronii</i> (26 C)	<i>Obesumbacterium proteus</i> biogroup 2
<i>Cupriavidus taiwanensis</i>	<i>Hydrogenophaga taeniopsispiralis</i> (26 C)	<i>Oceanimonas doudoroffii</i>
<i>Delftia acidovorans</i>	<i>Inquilinus limosus</i> A	<i>Ochrobactrum anthropi</i>
<i>Delftia tsuruhatensis</i>	<i>Inquilinus limosus</i> B	<i>Ochrobactrum grignonense</i>
<i>Dickeya chrysanthemi</i>	<i>Iodobacter fluviatilis</i>	<i>Ochrobactrum intermedium</i>
<i>Dysgonomonas capnocytophagoidea</i>	<i>Janthinobacterium lividum</i> (26 C)	<i>Ochrobactrum tritici</i>
<i>Edwardsiella hoshinae</i>	<i>Kerstersonia gyiorum</i>	<i>Oligella ureolytica</i>
<i>Edwardsiella ictaluri</i>	<i>Kingella denitrificans</i>	<i>Oligella urethralis</i>
<i>Edwardsiella tarda</i>	<i>Kingella kingae</i>	<i>Ornithobacterium rhinotracheale</i>
<i>Eikenella corrodens</i>	<i>Kingella oralis</i>	<i>Pandoraea apista</i>
<i>Elizabethkingia meningoseptica</i>	<i>Klebsiella oxytoca</i>	<i>Pandoraea norimbergensis</i>
<i>Empedobacter brevis</i>	<i>Klebsiella pneumoniae</i> ss ozaenae	<i>Pandoraea pnomenusae</i>
<i>Ensifer meliloti</i>	<i>Klebsiella pneumoniae</i> ss pneumoniae	<i>Pandoraea pulmonicola</i>
<i>Enterobacter aerogenes</i> (Kleb. mobilis)	<i>Klebsiella pneumoniae</i> ss rhinoscleromatis	<i>Pandoraea sputorum</i>
<i>Enterobacter amnigenus</i>	<i>Kluyvera ascorbata</i>	<i>Pantoea agglomerans</i>
<i>Enterobacter asburiae</i>	<i>Kluyvera cryocrescens</i>	<i>Pantoea agglomerans</i> bgp 2
<i>Enterobacter cancerogenus</i>	<i>Kluyvera georgiana</i>	<i>Pantoea agglomerans</i> bgp 3
<i>Enterobacter cloacae</i> ss cloacae	<i>Kluyvera intermedia</i>	<i>Pantoea agglomerans</i> bgp 4
<i>Enterobacter cloacae</i> ss dissolvens	<i>Lampropedia hyalina</i>	<i>Pantoea agglomerans</i> bgp 5
<i>Enterobacter cowanii</i>	<i>Lautropia mirabilis</i>	<i>Pantoea agglomerans</i> bgp 6
<i>Enterobacter gergoviae</i>	<i>Leclercia adecarboxylata</i>	<i>Pantoea agglomerans</i> bgp 7
<i>Enterobacter helveticus</i>	<i>Leminorella grimontii</i>	<i>Pantoea citrea</i>
<i>Enterobacter hormaechei</i>	<i>Leminorella richardii</i>	<i>Pantoea dispersa</i>
<i>Enterobacter kobei</i>	<i>Listonella anguillarum</i>	<i>Pantoea punctata</i>
<i>Enterobacter nimipressuralis</i>	<i>Listonella pelagia</i>	<i>Pantoea terrea</i>
<i>Enterobacter pulveris</i>	<i>Malikia spinosa</i>	<i>Paracoccus yeii</i>
<i>Enterobacter turicensis</i>	<i>Mannheimia glucosida</i>	<i>Pasteurella aerogenes</i>
<i>Erwinia amylovora</i>	<i>Mannheimia granulomatis</i>	<i>Pasteurella bettyae</i>
<i>Escherichia albertii</i>	<i>Mannheimia haemolytica</i>	<i>Pasteurella caballi</i>
<i>Escherichia blattae</i>	<i>Mannheimia ruminalis</i>	<i>Pasteurella canis/stomatis</i>
<i>Escherichia coli</i>	<i>Mannheimia varigena</i>	<i>Pasteurella dagmatis</i>
<i>Escherichia coli</i> inactive	<i>Massilia timonae</i>	<i>Pasteurella langaaensis</i>
<i>Escherichia coli</i> O157:H7	<i>Methylobacterium extorquens</i>	<i>Pasteurella lymphangitidis</i>
<i>Escherichia fergusonii</i>	<i>Methylobacterium fujisawaense</i>	<i>Pasteurella mairii</i>
<i>Escherichia hermannii</i>	<i>Methylobacterium radiotolerans</i>	<i>Pasteurella multocida</i> ss multocida
<i>Escherichia vulneris</i>	<i>Methylobacterium rhodinum</i>	<i>Pasteurella pneumotropica</i>
<i>Ewingella americana</i>	<i>Microvirgula aerodenitrificans</i>	<i>Pasteurella testudinis</i>
<i>Flavimonas oryzae</i>	<i>Moellerella wisconsensis</i>	<i>Pectobacterium atrosepticum</i>
<i>Flavobacterium aquatile</i>	<i>Moraxella bovis</i>	<i>Pectobacterium betavascularum</i>
<i>Flavobacterium columnare</i>	<i>Moraxella canis</i>	<i>Pectobacterium carotovorum</i> ss carotovorum
<i>Flavobacterium flevense</i>	<i>Moraxella caprae</i>	<i>Pectobacterium cypripediae</i>
<i>Flavobacterium hydatis</i> (26 C)	<i>Moraxella catarrhalis</i>	<i>Pedobacter heparinus</i>
<i>Flavobacterium johnsoniae</i>	<i>Moraxella caviae</i>	<i>Photobacterium angustum</i> (26 C)
<i>Flavobacterium mizutaii</i>	<i>Moraxella cuniculi</i>	<i>Photobacterium damsela</i> ss damsela
<i>Flavobacterium mizutaii</i> -like (CDC group II-I)	<i>Moraxella equi</i>	<i>Photobacterium leiognathi</i>
<i>Flavobacterium resinovorum</i>	<i>Moraxella lacunata</i>	<i>Photobacterium luminescens</i> ss luminescens
<i>Flavobacterium tirrenicum</i>	<i>Moraxella lincolni</i>	<i>Phyllobacterium myrsinacearum</i>
<i>Francisella philomiragia</i>	<i>Moraxella nonliquefaciens</i>	<i>Plesiomonas shigelloides</i>
<i>Gallibacterium anatis</i>	<i>Moraxella osloensis</i>	<i>Pragia fontium</i>
<i>Gallibacterium genomospecies 1</i>	<i>Moraxella ovis</i>	<i>Proteus hauseri</i>
<i>Grimontia hollisae</i> (26 C)	<i>Morganella morganii</i> ss morganii	<i>Proteus mirabilis</i>
<i>Haemophilus aegyptius</i>	<i>Morganella morganii</i> ss sibonii	<i>Proteus myxofaciens</i>
<i>Haemophilus aphrophilus</i>	<i>Myroides odoratimimus</i>	<i>Proteus penneri/vulgaris</i>
<i>Haemophilus ducreyi</i>	<i>Myroides odoratus</i>	<i>Providencia alcalifaciens</i>
<i>Haemophilus felis</i>	<i>Neisseria animalis</i>	<i>Providencia heimbachae</i>
<i>Haemophilus haemoglobinophilus</i>	<i>Neisseria animaloris</i>	<i>Providencia rettgeri</i>
<i>Haemophilus haemolyticus</i>	<i>Neisseria canis</i>	<i>Providencia rustigianii</i>
<i>Haemophilus influenzae</i>	<i>Neisseria cinerea</i>	<i>Providencia stuartii</i>
<i>Haemophilus intermedius</i> ss intermedius	<i>Neisseria elongata</i> ss elongata	<i>Pseudomonas aeruginosa</i>

GEN III GRAM-NEGATIVE AEROBIC BACTERIA

Pseudomonas agarici
Pseudomonas alcaligenes
Pseudomonas asplenii
Pseudomonas bathycetis
Pseudomonas caricapapayae
Pseudomonas chlororaphis ss aurantiaca
Pseudomonas cichorii
Pseudomonas citronellolis
Pseudomonas corrugata
Pseudomonas fluorescens
Pseudomonas fluorescens biotype A
Pseudomonas fluorescens biotype C
Pseudomonas fluorescens biotype F
Pseudomonas fluorescens biotype G
Pseudomonas fragi
Pseudomonas fulva
Pseudomonas fuscovaginae
Pseudomonas lundensis
Pseudomonas luteola
Pseudomonas maculicola
Pseudomonas marginalis
Pseudomonas mendocina
Pseudomonas mephitica
Pseudomonas mucidolens
Pseudomonas nitroreducens/azelaica
Pseudomonas oleovorans
Pseudomonas pertucinogena
Pseudomonas pseudoalcaligenes ss pseudoalcaligenes
Pseudomonas putida
Pseudomonas putida biotype A
Pseudomonas putida biotype B
Pseudomonas resinovorans
Pseudomonas savastanoi pv fraxini
Pseudomonas savastanoi pv nerii
Pseudomonas straminea
Pseudomonas stutzeri
Pseudomonas synxantha
Pseudomonas syringae pv aceris
Pseudomonas syringae pv antirrhini
Pseudomonas syringae pv aptata
Pseudomonas syringae pv atrofaciens
Pseudomonas syringae pv delphinii
Pseudomonas syringae pv glycinea
Pseudomonas syringae pv helianthi
Pseudomonas syringae pv lachrymans
Pseudomonas syringae pv phaseolicola
Pseudomonas syringae pv pisi
Pseudomonas syringae pv porri
Pseudomonas syringae pv primulae
Pseudomonas syringae pv syringae
Pseudomonas syringae pv tabaci A
Pseudomonas syringae pv tabaci B
Pseudomonas syringae pv tomato
Pseudomonas taetrolens
Pseudomonas tolaasii
Pseudomonas viridiflava
Pseudomonas viridilivida
Psychrobacter immobilis
Psychrobacter phenylpyruvicus
Rahnella aquatilis
Ralstonia insidiosa
Ralstonia mannitolilytica
Ralstonia pickettii
Ralstonia solanacearum
Raoultella planticola/ornithinolytica
Raoultella terrigena
Rhizobium radiobacter
Rhizobium rhizogenes
Rhizobium vitis (bv 3)
Riemerella anatipestifer

Riemerella columbina
Roseomonas cervicalis
Roseomonas genomospecies 4
Roseomonas genomospecies 5
Roseomonas gilardii ss gilardii
Salmonella bongori (gp5)
Salmonella enterica (gp1)
Salmonella enterica (gp1) ST choleraesuis
Salmonella enterica (gp1) ST gallinarum
Salmonella enterica (gp1) ST paratyphi A
Salmonella enterica (gp1) ST paratyphi B
Salmonella enterica (gp1) ST paratyphi C
Salmonella enterica (gp1) ST pullorum
Salmonella enterica (gp1) ST typhi
Salmonella enterica (gp1) ST typhimurium
Salmonella enterica (gp2) ss salamae
Salmonella enterica (gp3A) ss arizonae
Salmonella enterica (gp3B) ss diarizonae
Salmonella enterica (gp4) ss houtenae
Salmonella enterica (gp6) ss indica
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 A
Shewanella putrefaciens B
Shigella boydii
Shigella dysenteriae
Shigella flexneri
Shigella sonnei
Simonsiella muelleri
Simplicispira metamorpha
Sphingobacterium multivorum
Sphingobacterium spiritovorum
Sphingobacterium thalpophilum
Sphingomonas adhaesiva
Sphingomonas capsulata
Sphingomonas macrogoltabidus
Sphingomonas parapaucimobilis
Sphingomonas paucimobilis A
Sphingomonas paucimobilis B
Sphingomonas sanguinis
Sphingomonas terrae
Sphingomonas yanoikuyae
Stenotrophomonas acidaminiphila
Stenotrophomonas maltophilia
Stenotrophomonas rhizophila
Suttonella indologenes
Tatumella ptyseos
Taylorella equigenitalis
Terrimonas ferruginea
Trabulsiella guamensis
Variovorax paradoxus
Vibrio aerogenes
Vibrio aestuarianus
Vibrio alginolyticus
Vibrio campbellii
Vibrio cholerae
Vibrio cholerae non O1
Vibrio cholerae O1 (ATCC 25870)
Vibrio cholerae O1/O139
Vibrio cincinnatiensis
Vibrio diazotrophicus

Vibrio fluvialis
Vibrio furnissii
Vibrio harveyi
Vibrio mediterraneus
Vibrio metschnikovii
Vibrio mimicus
Vibrio natriegens
Vibrio ordalii
Vibrio paraahaemolyticus
Vibrio proteolyticus
Vibrio splendidus (26 C)
Vibrio tubiashii
Vibrio vulnificus
Vogesella indigofera
Weeksella virosa
Xanthomonas campestris pv begoniae A
Xanthomonas campestris pv begoniae B
Xanthomonas campestris pv campestris
Xanthomonas campestris pv carotae
Xanthomonas campestris pv dieffenbachiae
Xanthomonas campestris pv juglandis
Xanthomonas campestris pv malvacearum
Xanthomonas campestris pv pelargonii
Xanthomonas campestris pv phaseoli
Xanthomonas campestris pv poinsetticola
Xanthomonas campestris pv raphani
Xanthomonas campestris pv translucens
Xanthomonas campestris pv vesicatoria
Xenorhabdus bovienii
Xenorhabdus nematophila
Yersinia aldovae
Yersinia bercovieri
Yersinia enterocolitica ss enterocolitica
Yersinia frederiksenii
Yersinia intermedia
Yersinia kristensenii
Yersinia mollaretii
Yersinia pseudotuberculosis
Yersinia rohdei
Yersinia ruckeri
Yokenella regensburgi

GEN III GRAM-POSITIVE AEROBIC BACTERIA

Actinomyces bovis
Actinomyces canis
Actinomyces hordeovulneris
Actinomyces hyovaginalis
Actinomyces naeslundii
Actinomyces neuui ss anitratus
Actinomyces neuui ss neuui
Actinomyces odontolyticus
Aerococcus christensenii
Aerococcus sanguinicola
Aerococcus urinae
Aerococcus urinaeequi
Aerococcus urinaehominis
Aerococcus viridans
Alloicoccus otitis
Aneurinibacillus aneurinilyticus
Arcanobacterium bernardiae (CDC.2)
Arcanobacterium haemolyticum
Arcanobacterium hippocoleae
Arcanobacterium phocae
Arcanobacterium pluranimalium
Arcanobacterium pyogenes
Arthrobacter cummingsii
Arthrobacter globiformis
Arthrobacter histidinolovorans
Arthrobacter ilicis
Arthrobacter nicotianae

GEN III GRAM-POSITIVE AEROBIC BACTERIA

<i>Arthrobacter woluwensis</i>	<i>Corynebacterium accolens</i>	<i>Enterococcus asini</i>
<i>Arthrobacter xylinum</i>	<i>Corynebacterium afermentans</i> ss <i>afermentans</i> (CDC.ANF)	<i>Enterococcus avium</i>
<i>Bacillus amyloliquefaciens</i>	<i>Corynebacterium afermentans</i> ss <i>lipophilum</i>	<i>Enterococcus casseliflavus</i>
<i>Bacillus atrophaeus</i>	<i>Corynebacterium ammoniagenes</i>	<i>Enterococcus cecorum</i>
<i>Bacillus badius</i>	<i>Corynebacterium amycolatium</i> (CDC.F-2)	<i>Enterococcus columbae</i>
<i>Bacillus cereus/thuringiensis</i>	<i>Corynebacterium appendicis</i>	<i>Enterococcus dispar</i>
<i>Bacillus circulans</i>	<i>Corynebacterium argenteratense</i>	<i>Enterococcus durans</i>
<i>Bacillus clausii</i>	<i>Corynebacterium aurimucosum</i>	<i>Enterococcus faecalis</i>
<i>Bacillus coagulans</i>	<i>Corynebacterium auris</i>	<i>Enterococcus faecium</i>
<i>Bacillus cohnii</i>	<i>Corynebacterium auriscanis</i>	<i>Enterococcus gallinarum</i>
<i>Bacillus firmus</i>	<i>Corynebacterium bovis</i>	<i>Enterococcus gilvus</i>
<i>Bacillus flexus</i>	<i>Corynebacterium callunae</i>	<i>Enterococcus haemoperoxidus</i>
<i>Bacillus gibsonii</i>	<i>Corynebacterium camporealensis</i>	<i>Enterococcus haireae</i>
<i>Bacillus halodurans</i>	<i>Corynebacterium capitovis</i>	<i>Enterococcus malodoratus</i>
<i>Bacillus horikoshii</i>	<i>Corynebacterium confusum</i>	<i>Enterococcus mundtii</i>
<i>Bacillus humi</i>	<i>Corynebacterium coyleae</i>	<i>Enterococcus pallens</i>
<i>Bacillus lentus</i> (26 C)	<i>Corynebacterium cystitidis</i>	<i>Enterococcus pseudoavium</i>
<i>Bacillus licheniformis</i>	<i>Corynebacterium diphtheriae</i>	<i>Enterococcus raffinosus</i>
<i>Bacillus maroccanus</i>	<i>Corynebacterium durum</i>	<i>Enterococcus ratti</i>
<i>Bacillus megaterium</i>	<i>Corynebacterium efficiens</i>	<i>Enterococcus saccharolyticus</i>
<i>Bacillus mycoides</i>	<i>Corynebacterium falsenii</i>	<i>Enterococcus sulfureus</i>
<i>Bacillus niacini</i>	<i>Corynebacterium felinum</i>	<i>Enterococcus villorum</i>
<i>Bacillus oleronius</i>	<i>Corynebacterium flavescens</i>	<i>Eremococcus coleocola</i>
<i>Bacillus pseudofirmus</i>	<i>Corynebacterium freneyi</i>	<i>Erysipelothrix rhusiopathiae/tonsillarum</i>
<i>Bacillus pseudomycooides</i>	<i>Corynebacterium glucuronolyticum</i>	<i>Exiguobacterium acetylicum</i>
<i>Bacillus psychrodurans</i>	<i>Corynebacterium glutamicum</i>	<i>Exiguobacterium aurantiacum</i>
<i>Bacillus psychrosaccharolyticus</i> (26 C)	<i>Corynebacterium imitans</i>	<i>Exiguobacterium undae</i>
<i>Bacillus psychrotolerans</i>	<i>Corynebacterium jeikeium</i>	<i>Gardnerella vaginalis</i>
<i>Bacillus pumilus</i>	<i>Corynebacterium kroppenstedtii</i>	<i>Gemella bergeri</i>
<i>Bacillus silvestris</i>	<i>Corynebacterium kutscheri</i>	<i>Gemella cuniculi</i>
<i>Bacillus simplex</i>	<i>Corynebacterium lipophiloflavum</i>	<i>Gemella haemolysans/morbilloorum</i>
<i>Bacillus subtilis</i> ss <i>spizizenii</i>	<i>Corynebacterium macginleyi</i>	<i>Gemella palaticanis</i>
<i>Bacillus subtilis</i> ss <i>subtilis</i>	<i>Corynebacterium mastitidis</i>	<i>Gemella sanguinis</i>
<i>Bacillus weihenstephanensis</i>	<i>Corynebacterium matruchotii</i>	<i>Geobacillus stearothermophilus</i> (55 C)
<i>Brevibacillus agri</i>	<i>Corynebacterium minutissimum</i>	<i>Globicatella sanguinis</i>
<i>Brevibacillus borstelensis</i>	<i>Corynebacterium mucifaciens</i>	<i>Gordonia aichiensis</i>
<i>Brevibacillus brevis</i>	<i>Corynebacterium mucetooides</i>	<i>Gordonia bronchialis</i>
<i>Brevibacillus choshinensis</i>	<i>Corynebacterium phocae</i>	<i>Gordonia rubripertincta</i>
<i>Brevibacillus invocatus</i>	<i>Corynebacterium pilosum</i>	<i>Gordonia sputi</i>
<i>Brevibacillus laterosporus</i>	<i>Corynebacterium pseudodiphtheriticum/propinquum</i> (CDC.ANF-3)	<i>Gordonia terrae</i>
<i>Brevibacillus parabrevis</i>	<i>Corynebacterium pseudotuberculosis</i>	<i>Granulicatella adiacens</i>
<i>Brevibacterium casei</i>	<i>Corynebacterium renale</i>	<i>Granulicatella elegans</i>
<i>Brevibacterium epidermidis</i>	<i>Corynebacterium riegelii</i>	<i>Helcococcus kunzii</i>
<i>Brevibacterium frigoritolerans</i>	<i>Corynebacterium seminale</i>	<i>Helcococcus ovis</i>
<i>Brevibacterium halotolerans</i>	<i>Corynebacterium simulans</i>	<i>Ignavigranum rouffiae</i>
<i>Brevibacterium linens</i>	<i>Corynebacterium singulare</i>	<i>Jonesia denitrificans</i>
<i>Brevibacterium mcbrellneri</i>	<i>Corynebacterium spheniscorum</i>	<i>Kocuria kristinae</i>
<i>Brevibacterium otitidis</i>	<i>Corynebacterium</i> spp. (CDC.G)	<i>Kocuria rhizophila</i>
<i>Brevibacterium paucivorans</i>	<i>Corynebacterium striatum</i> (CDC.I-1)	<i>Kocuria rosea</i>
<i>Brochothrix campestris</i>	<i>Corynebacterium terpenotabidum</i>	<i>Kocuria varians</i>
<i>Brochothrix thermosphacta</i>	<i>Corynebacterium testudinoris</i>	<i>Kurthia gibsonii</i>
<i>Carnobacterium alterfunditum</i>	<i>Corynebacterium thomssenii</i>	<i>Kurthia sibirica</i>
<i>Carnobacterium divergens</i>	<i>Corynebacterium ulcerans</i>	<i>Kurthia zopfii</i>
<i>Carnobacterium gallinarum</i>	<i>Corynebacterium urealyticum</i>	<i>Kytococcus schroeteri</i>
<i>Carnobacterium inhibens</i>	<i>Corynebacterium variabile</i>	<i>Kytococcus sedentarius</i>
<i>Carnobacterium maltaromaticum</i>	<i>Corynebacterium vitaeruminis</i>	<i>Lactobacillus acidophilus</i>
<i>Carnobacterium mobile</i>	<i>Corynebacterium xerosis</i>	<i>Lactobacillus alimentarius</i>
<i>Cellulomonas biazotea</i>	<i>Curtobacterium albidum</i>	<i>Lactobacillus amylophilus</i>
<i>Cellulomonas cellasea</i>	<i>Curtobacterium citreum</i>	<i>Lactobacillus animalis</i>
<i>Cellulomonas fimi</i>	<i>Curtobacterium flaccumfaciens</i>	<i>Lactobacillus aviarius</i> ss <i>araffinosus</i>
<i>Cellulomonas flavigena</i>	<i>Curtobacterium luteum</i>	<i>Lactobacillus bifementans</i>
<i>Cellulomonas gelida</i>	<i>Curtobacterium pusillum</i>	<i>Lactobacillus brevis</i>
<i>Cellulomonas hominis</i> (CDC.A-3)	<i>Deinococcus proteolyticus</i>	<i>Lactobacillus buchneri</i>
<i>Cellulomonas uda</i>	<i>Deinococcus radiodurans</i>	<i>Lactobacillus casei</i>
<i>Cellulosimicrobium cellulans</i>	<i>Deinococcus radiopugnans</i>	<i>Lactobacillus coryniformis</i> ss <i>coryniformis</i>
<i>Clavibacter michiganensis</i> ss <i>insidiosus</i>	<i>Dermabacter hominis</i>	<i>Lactobacillus coryniformis</i> ss <i>torquens</i>
<i>Clavibacter michiganensis</i> ss <i>michiganensis</i>	<i>Dermacoccus nishinomiyaensis</i>	<i>Lactobacillus crispatus</i>
<i>Clavibacter michiganensis</i> ss <i>nebraskensis</i>	<i>Dietzia maris</i>	<i>Lactobacillus curvatus</i>
<i>Clavibacter michiganensis</i> ss <i>sepedonicus</i>	<i>Dolosicoccus paucivorans</i>	<i>Lactobacillus delbrueckii</i> ss <i>delbrueckii</i>
<i>Clavibacter michiganensis</i> ss <i>tessellarius</i>	<i>Dolosigranulum pigrum</i>	<i>Lactobacillus delbrueckii</i> ss <i>lactis</i>

GEN III GRAM-POSITIVE AEROBIC BACTERIA

Lactobacillus farcinis	Nocardia abscessus	Staphylococcus hominis ss novobiosepticus
Lactobacillus fermentum	Nocardia asteroides	Staphylococcus hyicus
Lactobacillus fructivorans	Nocardia brasiliensis	Staphylococcus intermedius
Lactobacillus gasserii	Nocardia brevicatena	Staphylococcus kloosii
Lactobacillus hamsteri	Nocardia farcinica	Staphylococcus lentus
Lactobacillus helveticus	Nocardia nova	Staphylococcus lugdunensis
Lactobacillus jensenii	Nocardia otitidiscaviarum	Staphylococcus lutrae
Lactobacillus kefirii	Nocardia transvalensis	Staphylococcus muscae
Lactobacillus mali	Oerskovia turbata	Staphylococcus pasteurii
Lactobacillus murinus	Paenibacillus alvei	Staphylococcus piscifermentans
Lactobacillus oris	Paenibacillus amylolyticus	Staphylococcus saprophyticus ss bovis
Lactobacillus parabuchneri	Paenibacillus azotofixans	Staphylococcus saprophyticus ss saprophyticus
Lactobacillus paracasei ss tolerans	Paenibacillus glucanolyticus	Staphylococcus schleiferi ss coagulans
Lactobacillus pentosus	Paenibacillus larvae	Staphylococcus schleiferi ss schleiferi
Lactobacillus plantarum	Paenibacillus macerans	Staphylococcus sciuri ss carnaticus
Lactobacillus reuteri	Paenibacillus pabuli	Staphylococcus sciuri ss rodentium
Lactobacillus rhamnosus	Paenibacillus peoriae	Staphylococcus sciuri ss sciuri
Lactobacillus sake	Paenibacillus polymyxa	Staphylococcus simulans
Lactobacillus salivarius ss salicinicus	Paenibacillus popilliae	Staphylococcus succinus ss succinus
Lactobacillus salivarius ss salivarius	Paenibacillus thiaminolyticus	Staphylococcus vitulinus
Lactobacillus vaginalis	Paenibacillus validus	Staphylococcus warneri
Lactococcus garvieae	Pediococcus acidilactici	Staphylococcus xylosus
Lactococcus lactis ss cremoris	Pediococcus parvulus	Streptococcus acidominimus
Lactococcus lactis ss hordniae	Pediococcus pentosaceus	Streptococcus agalactiae (gp B)
Lactococcus lactis ss lactis	Rathayibacter rathayi	Streptococcus alactolyticus
Lactococcus plantarum	Rathayibacter tritici	Streptococcus anginosus
Lactococcus raffinolactis	Renibacterium salmoninarum	Streptococcus australis
Leifsonia aquatica	Rhodococcus australis	Streptococcus bovis (gp D)
Leifsonia poae	Rhodococcus coprophilus	Streptococcus canis
Leuconostoc carnosum (26 C)	Rhodococcus corynebacterioides	Streptococcus constellatus ss constellatus
Leuconostoc citreum	Rhodococcus equi	Streptococcus constellatus ss pharyngis
Leuconostoc fallax	Rhodococcus erythropolis	Streptococcus criceti
Leuconostoc gelidum	Rhodococcus fascians	Streptococcus cristatus
Leuconostoc lactis	Rhodococcus globerulus	Streptococcus didelphi
Leuconostoc mesenteroides ss cremoris	Rhodococcus pyridinivorans	Streptococcus downei
Leuconostoc mesenteroides ss dextransicum	Rhodococcus rhodii	Streptococcus dysgalactiae ss dysgalactiae
Leuconostoc mesenteroides ss mesenteroides	Rhodococcus rhodochrous	Streptococcus dysgalactiae ss equisimilis
Listeria grayi	Rhodococcus ruber	Streptococcus entericus
Listeria innocua	Rhodococcus wratislaviensis	Streptococcus equi ss equi
Listeria ivanovii ss ivanovii	Rothia amarae	Streptococcus equi ss zooepidemicus (gp C)
Listeria ivanovii ss londoniensis	Rothia dentocariosa	Streptococcus equinus (gp D)
Listeria monocytogenes	Rothia mucilaginoso	Streptococcus ferus
Listeria seeligeri	Rothia nasimurium	Streptococcus gallinae
Listeria welshimeri	Sanguibacter inulinus	Streptococcus gallolyticus ss gallolyticus
Lysinibacillus fusiformis	Sanguibacter keddiei	Streptococcus gallolyticus ss macedonicus
Lysinibacillus sphaericus	Sanguibacter suarezii	Streptococcus gallolyticus ss pasteurianus
Macrocococcus bovicus	Sporolactobacillus laevolacticus	Streptococcus gordonii
Macrocococcus carouselicus	Sporosarcina globispora (26 C)	Streptococcus halichoeri
Macrocococcus caseolyticus	Sporosarcina pasteurii	Streptococcus hyointestinalis
Macrocococcus equipercicus	Sporosarcina ureae	Streptococcus hyovaginalis
Microbacterium arborescens	Staphylococcus arlettae	Streptococcus infantis
Microbacterium barkeri	Staphylococcus aureus ss aureus	Streptococcus iniae
Microbacterium dextranolyticum	Staphylococcus auricularis	Streptococcus intermedius
Microbacterium esteraromaticum	Staphylococcus capitis ss capitis	Streptococcus lutetiensis
Microbacterium flavescens	Staphylococcus capitis ss ureolyticus	Streptococcus macacae
Microbacterium imperiale	Staphylococcus caprae	Streptococcus marimammalium
Microbacterium lacticum	Staphylococcus carnosus ss carnosus	Streptococcus mitis
Microbacterium laevaniformans	Staphylococcus carnosus ss utilis	Streptococcus mutans/ratti
Microbacterium liquefaciens	Staphylococcus chromogenes	Streptococcus oralis
Microbacterium maritropicum	Staphylococcus cohnii ss cohnii	Streptococcus orisratti
Microbacterium resistens	Staphylococcus cohnii ss urealyticum	Streptococcus ovis
Microbacterium saperdae	Staphylococcus condimenti	Streptococcus parasanguinis
Microbacterium spp. (CDC.A-4)	Staphylococcus delphini	Streptococcus parauberis
Microbacterium spp. (CDC.A-5)	Staphylococcus epidermidis	Streptococcus peroris
Microbacterium terregens	Staphylococcus equorum ss equorum	Streptococcus phocae
Microbacterium testaceum	Staphylococcus felis	Streptococcus pluranimalium
Microcococcus diversus	Staphylococcus fleurettii	Streptococcus pneumoniae
Microcococcus luteus A	Staphylococcus gallinarum	Streptococcus porcinus
Microcococcus luteus B	Staphylococcus haemolyticus	Streptococcus pyogenes pneumoniae
Microcococcus lylae	Staphylococcus hominis ss hominis	Streptococcus pyogenes (gp A)

GEN III GRAM-POSITIVE AEROBIC BACTERIA

Streptococcus salivarius
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 thermophilus
Streptococcus thoraltensis
Streptococcus uberis
Streptococcus vestibularis
Tetragenococcus halophilus
Tetragenococcus solitarius
Tsukamurella incheonensis
Tsukamurella paurometabola
Tsukamurella pulmonis
Tsukamurella tyrosinosolvans
Turicella otitidis
Vagococcus fessus
Vagococcus fluvialis
Vagococcus lutrae
Vagococcus salmoninarum (26 C)
Virgibacillus pantothenicus
Virgibacillus proomii
Weissella confusa
Weissella halotolerans
Weissella minor
Weissella viridescens
Williamsia deligens
Williamsia maris (26 C)

GN2 GRAM-NEGATIVE AEROBIC BACTERIA

"*Achromobacter cholinophagum*"
Achromobacter xylosoxidans ss denitrificans
Achromobacter xylosoxidans ss xylosoxidans
Acidovorax avenae ss avenae
Acidovorax avenae ss cattleyae
Acidovorax avenae ss citruli
Acidovorax delafieldii
Acidovorax facilis
Acidovorax konjaci
Acidovorax temperans
Acinetobacter baumannii/genospecies 2
Acinetobacter calcoaceticus bv alc
Acinetobacter calcoaceticus/genospecies 1
Acinetobacter calcoaceticus/genospecies 3
Acinetobacter calcoaceticus/genospecies 13
Acinetobacter genospecies 6
Acinetobacter genospecies 10
Acinetobacter genospecies 11
Acinetobacter genospecies 14
Acinetobacter genospecies 15
Acinetobacter haemolyticus/genospecies 4
Acinetobacter johnsonii/genospecies 7
Acinetobacter junii/genospecies 5
Acinetobacter lwoffii/genospecies 8/9
Acinetobacter radioresistens/genospecies 12
Actinobacillus capsulatus
Actinobacillus equuli
Actinobacillus hominis
Actinobacillus indolicus
Actinobacillus lignieresii
Actinobacillus minor
Actinobacillus muris
Actinobacillus pleuropneumoniae
Actinobacillus porcinus
Actinobacillus rossii

Actinobacillus salpingitidis
Actinobacillus seminis
Actinobacillus suis
Actinobacillus ureae
Aeromonas allosaccharophila
Aeromonas caviae DNA group 4
Aeromonas encheleia
Aeromonas enteropelogenes
Aeromonas eucenophila DNA group 6
Aeromonas hydrophila DNA group 1
Aeromonas hydrophila-like DNA group 2
Aeromonas hydrophila-like DNA group 3
Aeromonas ichthiosmia
Aeromonas jandaei DNA group 9
Aeromonas media DNA group 5b
Aeromonas media-like DNA group 5a
Aeromonas salmonicida ss achromogenes
Aeromonas salmonicida ss masoucida
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
Alysiella filiformis
Aminobacter aminovorans
Ancylobacter aquaticus
Aquaspirillum autotrophicum
Aquaspirillum dispar
Aquaspirillum metamorphum
Aquaspirillum peregrinum ss integrum
Aquaspirillum peregrinum ss peregrinum
Aquaspirillum putridiconchylum
Bergeyella zoohelcum
Bordetella avium
Bordetella bronchiseptica
Bordetella hinzii
Bordetella holmesii
Bordetella parapertussis
Bordetella pertussis
Bordetella trematum
Bordetella-like species
Brenneria rubrifaciens
Brenneria salicis
Brevundimonas diminuta
Brevundimonas vesicularis
Brucella melitensis (abortus)
Brucella melitensis (abortus, melitensis)
Brucella melitensis (melitensis)
Brucella melitensis (suis, canis)
Brucella melitensis (suis)
Budvicia aquatica
Burkholderia andropogonis
Burkholderia caryophylli
Burkholderia cepacia
Burkholderia gladioli
Burkholderia glathei
Burkholderia glumae
Burkholderia mallei
Burkholderia multivorans
Burkholderia phenazinium
Burkholderia plantarii
Burkholderia pseudomallei
Burkholderia pyrrocinia
Burkholderia vietnamiensis
Buttiauxella agrestis
Buttiauxella brennerae
Buttiauxella ferruginae
Buttiauxella gaviniae

Buttiauxella izardii
Buttiauxella noackiae
Buttiauxella warmboldiae
CDC group DF-3 (*Capnocytophaga*)
CDC group EF-4 (*Neisseria*)
CDC group EO-2
CDC group II-E subgroup A
CDC group II-E subgroup B
CDC group II-H
Capnocytophaga canimorsus
Capnocytophaga cynodegmi
Capnocytophaga gingivalis
Capnocytophaga granulosa
Capnocytophaga haemolytica
Capnocytophaga ochracea/sputigena
Cardiobacterium hominis
Cedecea davisae
Cedecea lapagei
Cedecea neteri
Chromobacterium violaceum
Chryseobacterium balustinum
Chryseobacterium gleum /indologenes
Chryseobacterium indoltheticum
Chryseobacterium meningosepticum
Chryseobacterium scophthalmum
Chryseomonas luteola
Citrobacter amalonaticus
Citrobacter braakii
Citrobacter farmeri
Citrobacter freundii
Citrobacter gillenii
Citrobacter koseri
Citrobacter murlinae
Citrobacter rodentium
Citrobacter sedlakii
Citrobacter werkmanii
Citrobacter youngae
Comamonas terrigena
Comamonas testosteroni
Cytophaga fermentans
Delftia acidovorans
Edwardsiella hoshinae
Edwardsiella ictaluri
Edwardsiella tarda
Eikenella corrodens
Empedobacter brevis
Enterobacter aerogenes (*Klebsiella mobilis*)
"Enterobacter agglomerans" bgp 2
"Enterobacter agglomerans" bgp 3
"Enterobacter agglomerans" bgp 4 (*Pantoea*)
"Enterobacter agglomerans" bgp 5
"Enterobacter agglomerans" bgp 6 (*Pectobacterium*)
"Enterobacter agglomerans" bgp 7 (*Pantoea*)
Enterobacter amnigenus
Enterobacter asburiae
Enterobacter cancerogenus
Enterobacter cloacae
Enterobacter gergoviae
Enterobacter hormaechei
Enterobacter intermedius
Enterobacter nimipressuralis
Enterobacter sakazakii
Erwinia amylovora
Escherichia blattae
Escherichia coli
Escherichia coli (USP5-7085)
Escherichia coli inactive
Escherichia coli O157:H7
Escherichia fergusonii
Escherichia hermannii

GN2 GRAM-NEGATIVE AEROBIC BACTERIA

<i>Escherichia vulneris</i>	<i>Moraxella ovis</i>	<i>Providencia rustigianii</i>
<i>Ewingella americana</i>	<i>Morganella morgani</i> ss <i>morganii</i>	<i>Providencia stuartii</i>
<i>Flavimonas oryzihabitans</i>	<i>Myroides odoratimimus</i>	<i>Pseudomonas aeruginosa</i>
<i>Flavobacterium ferrugineum</i>	<i>Myroides odoratus</i>	<i>Pseudomonas agarici</i>
<i>Flavobacterium flevense</i>	<i>Neisseria animalis</i>	<i>Pseudomonas alcaligenes</i>
<i>Flavobacterium hydatis</i>	<i>Neisseria canis</i>	<i>Pseudomonas asplenii</i>
<i>Flavobacterium johnsoniae</i>	<i>Neisseria cinerea</i>	<i>Pseudomonas aurantiaca</i>
<i>Flavobacterium mizutaii</i>	<i>Neisseria denitrificans</i>	" <i>Pseudomonas bathycetes</i> "
<i>Flavobacterium mizutaii</i> -like (CDC group II-I)	<i>Neisseria elongata</i> ss <i>elongata</i>	" <i>Pseudomonas</i> " <i>boreopolis</i> (<i>Stenotrophomonas</i>)
<i>Flavobacterium resinovorum</i>	<i>Neisseria flava</i>	<i>Pseudomonas caricapapayae</i> (<i>syringae</i>)
" <i>Flavobacterium tirrenicum</i> " (<i>Chryseobacterium</i>)	<i>Neisseria flavescens</i>	<i>Pseudomonas chlororaphis</i>
<i>Francisella philomiragia</i>	<i>Neisseria gonorrhoeae</i>	<i>Pseudomonas cichorii</i> (<i>syringae</i>)
<i>Francisella tularensis</i>	<i>Neisseria lactamica</i>	" <i>Pseudomonas</i> " <i>cissicola</i> (<i>Xanthomonas</i> -like)
Gilardi unnamed rod group 1	<i>Neisseria meningitidis</i>	<i>Pseudomonas citronellolis</i>
<i>Haemophilus actinomycetemcomitans</i>	<i>Neisseria mucosa</i>	<i>Pseudomonas corrugata</i>
<i>Haemophilus aegyptius</i>	<i>Neisseria perflava</i>	" <i>Pseudomonas floridana</i> " (<i>Burkholderia</i> -like)
<i>Haemophilus aphrophilus</i>	<i>Neisseria sicca</i>	<i>Pseudomonas fluorescens</i>
<i>Haemophilus avium</i> (<i>Pasteurella</i>)	<i>Neisseria subflava</i>	<i>Pseudomonas fluorescens</i> biotype A
<i>Haemophilus ducreyi</i>	<i>Neisseria weaveri</i>	<i>Pseudomonas fluorescens</i> biotype C
<i>Haemophilus haemoglobinophilus</i>	<i>Obesumbacterium proteus</i>	<i>Pseudomonas fluorescens</i> biotype F
<i>Haemophilus haemolyticus</i>	<i>Obesumbacterium proteus</i> biogroup 2	<i>Pseudomonas fluorescens</i> biotype G
<i>Haemophilus influenzae</i>	<i>Oceanomonas doudoroffii</i>	<i>Pseudomonas fragi</i>
<i>Haemophilus paracuniculus</i>	<i>Ochrobactrum anthropi</i>	<i>Pseudomonas fulva</i>
<i>Haemophilus paragallinarum</i>	<i>Oligella ureolytica</i>	<i>Pseudomonas fuscovaginae</i>
<i>Haemophilus parahaemolyticus</i>	<i>Oligella urethralis</i>	" <i>Pseudomonas</i> group 2" (<i>Burkholderia</i> -like)
<i>Haemophilus parainfluenzae</i>	<i>Ornithobacterium rhinotracheale</i>	" <i>Pseudomonas</i> " <i>huttiensis</i> (<i>Burkholderia</i> -like)
<i>Haemophilus paraphrohaemolyticus</i>	<i>Pandoraea norimbergensis</i>	<i>Pseudomonas lundensis</i>
<i>Haemophilus paraphrophilus</i>	<i>Pantoea agglomerans</i>	<i>Pseudomonas</i> "maculicola"
<i>Haemophilus parasuis</i>	<i>Pantoea citrea</i>	<i>Pseudomonas marginalis</i>
<i>Haemophilus segnis</i>	<i>Pantoea dispersa</i>	<i>Pseudomonas mendocina</i>
<i>Haemophilus somnus</i>	<i>Pantoea punctata</i>	" <i>Pseudomonas mephitica</i> "
<i>Hafnia alvei</i>	<i>Pantoea stewartii</i> ss <i>stewartii</i>	<i>Pseudomonas mucidolens</i>
<i>Herbaspirillum rubrisubalbicans</i>	<i>Pantoea terre</i>	<i>Pseudomonas nitroreducens/azelaica</i>
<i>Herbaspirillum seropedicae</i>	" <i>Pasteurella</i> " <i>aerogenes</i>	<i>Pseudomonas oleovorans</i>
<i>Hydrogenophaga flava</i>	<i>Pasteurella anatis</i>	<i>Pseudomonas pertucinogena</i>
<i>Hydrogenophaga palleronii</i>	<i>Pasteurella bettyae</i>	<i>Pseudomonas pseudoalcaligenes</i> ss <i>pseudoalcaligenes</i>
<i>Hydrogenophaga pseudoflava</i>	<i>Pasteurella caballi</i>	<i>Pseudomonas putida</i>
<i>Hydrogenophaga taeniospiralis</i>	<i>Pasteurella canis/stomatis</i>	<i>Pseudomonas putida</i> biotype A
<i>Iodobacter fluviatilis</i>	<i>Pasteurella dagmatis</i>	<i>Pseudomonas putida</i> biotype B
<i>Janthinobacterium lividum</i>	<i>Pasteurella gallinarum</i>	<i>Pseudomonas resinovorans</i>
<i>Kingella denitrificans</i>	<i>Pasteurella langaensis</i>	<i>Pseudomonas savastanoi</i> pv <i>fraxini</i>
<i>Kingella kingae</i>	<i>Pasteurella lymphangitidis</i>	<i>Pseudomonas savastanoi</i> pv <i>glycinea</i>
<i>Kingella oralis</i>	<i>Pasteurella mairii</i>	<i>Pseudomonas savastanoi</i> pv <i>nerii</i>
<i>Klebsiella oxytoca</i>	<i>Pasteurella multocida</i> ss <i>multocida</i>	<i>Pseudomonas spinosa</i> (<i>Burkholderia</i>)
<i>Klebsiella pneumoniae</i> ss <i>ozaenae</i>	<i>Pasteurella pneumotropica</i>	<i>Pseudomonas straminea</i>
<i>Klebsiella pneumoniae</i> ss <i>pneumoniae</i>	" <i>Pasteurella</i> " <i>testudinis</i>	<i>Pseudomonas stutzeri</i>
<i>Klebsiella pneumoniae</i> ss <i>rhinoscleromatis</i>	<i>Pasteurella trehalosi</i>	<i>Pseudomonas synxantha</i>
<i>Kluyvera ascorbata</i>	<i>Pasteurella volantium</i>	<i>Pseudomonas syringae</i> pv <i>aceris</i>
<i>Kluyvera cochleae</i>	<i>Paucimonas lemoignei</i>	<i>Pseudomonas syringae</i> pv <i>antirrhini</i>
<i>Kluyvera cryocrescens</i>	<i>Pectobacterium carotovorum</i> ss <i>atrosepticum</i>	<i>Pseudomonas syringae</i> pv <i>apii</i>
<i>Kluyvera georgiana</i>	<i>Pectobacterium carotovorum</i> ss <i>betavasculorum</i>	<i>Pseudomonas syringae</i> pv <i>aptata</i>
<i>Lampromedia hyalina</i>	<i>Pectobacterium carotovorum</i> ss <i>carotovorum</i>	<i>Pseudomonas syringae</i> pv <i>atrofaciens</i>
<i>Leclercia adecarboxylata</i>	<i>Pectobacterium chrysanthemi</i>	<i>Pseudomonas syringae</i> pv <i>coronafaciens</i>
<i>Leminorella grimontii</i>	<i>Pectobacterium cyripedii</i>	<i>Pseudomonas syringae</i> pv <i>cunninghamiae</i>
<i>Leminorella richardii</i>	<i>Pedobacter heparinus</i>	<i>Pseudomonas syringae</i> pv <i>delphinii</i>
<i>Listonella anguillarum</i>	<i>Photobacterium angustum</i>	<i>Pseudomonas syringae</i> pv <i>erobotryae</i>
<i>Listonella pelagia</i>	<i>Photobacterium damsela</i> ss <i>damselae</i>	<i>Pseudomonas syringae</i> pv <i>glycinea</i>
<i>Mannheimia granulomatis</i>	<i>Photobacterium fischeri</i>	<i>Pseudomonas syringae</i> pv <i>helianthi</i>
<i>Mannheimia haemolytica</i>	<i>Photobacterium leiognathi</i>	<i>Pseudomonas syringae</i> pv <i>lachrymans</i>
<i>Moellerella wisconsensis</i>	<i>Photorhabdus luminescens</i> ss <i>luminescens</i>	<i>Pseudomonas syringae</i> pv <i>mori</i>
<i>Moraxella bovis</i>	<i>Phyllobacterium myrsinacearum</i>	<i>Pseudomonas syringae</i> pv <i>myricae</i>
<i>Moraxella canis</i>	<i>Phyllobacterium rubiacearum</i>	<i>Pseudomonas syringae</i> pv <i>oryzae</i>
<i>Moraxella caprae</i>	<i>Plesiomonas shigelloides</i>	<i>Pseudomonas syringae</i> pv <i>papulans</i>
<i>Moraxella catarrhalis</i>	<i>Pragia fontium</i>	<i>Pseudomonas syringae</i> pv <i>persicae</i>
<i>Moraxella caviae</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas syringae</i> pv <i>phaseolicola</i>
<i>Moraxella cuniculi</i>	<i>Proteus myxofaciens</i>	<i>Pseudomonas syringae</i> pv <i>pisi</i>
<i>Moraxella equi</i>	<i>Proteus penneri/vulgaris</i>	<i>Pseudomonas syringae</i> pv <i>porri</i>
<i>Moraxella lacunata</i>	<i>Providencia alcalifaciens</i>	<i>Pseudomonas syringae</i> pv <i>primulae</i>
<i>Moraxella nonliquefaciens</i>	<i>Providencia heimbachae</i>	<i>Pseudomonas syringae</i> pv <i>sesami</i>
<i>Moraxella osloensis</i>	<i>Providencia rettgeri</i>	<i>Pseudomonas syringae</i> pv <i>syringae</i>

GN2 GRAM-NEGATIVE AEROBIC BACTERIA

Pseudomonas syringae pv *tabaci* A
Pseudomonas syringae pv *tabaci* B
Pseudomonas syringae pv *tagetis*
Pseudomonas syringae pv *tomato*
Pseudomonas syringae pv *zinaniae*
Pseudomonas taetrolens
Pseudomonas tolaasii
Pseudomonas viridiflava (*syringae*)
Pseudomonas viridilivida
Psychrobacter immobilis
Psychrobacter phenylpyruvicus
Rahnella aquatilis
Ralstonia eutropha
Ralstonia paucula
Ralstonia pickettii
Ralstonia solanacearum
Raoultella planticola
Raoultella planticola/ornithinolytica
Raoultella terrigena
Rhizobium like-Cystic Fibrosis
Rhizobium radiobacter
Rhizobium rhizogenes
Rhizobium vitis
Riemerella anatipestifer
Roseomonas cervicalis
Roseomonas fauriae
Roseomonas genomospecies 4
Roseomonas genomospecies 5
Roseomonas genomospecies 6
Roseomonas gilardii
Salmonella gp 1 (*choleraesuis*)
Salmonella gp 1 (*choleraesuis*) st *choleraesuis*
Salmonella gp 1 (*choleraesuis*) st *gallinarum*
Salmonella gp 1 (*choleraesuis*) st *paratyphi A*
Salmonella gp 1 (*choleraesuis*) st *pullorum*
Salmonella gp 1 (*choleraesuis*) st *typhi*
Salmonella gp 1 (*choleraesuis*) st *typhimurium*
Salmonella gp 3a (*arizonae*)
Salmonella gp 3b (*diarizonae*)
Salmonella gp 4 (*houtenae*)
Salmonella gp 5 (*bongori*)
Salmonella gp 6 (*indica*)
Serpens flexibilis
Serratia entomophila
Serratia ficaria
Serratia fonticola
Serratia liquefaciens/grimesii
Serratia marcescens
Serratia odorifera
Serratia plymuthica
Serratia proteamaculans ss *proteamaculans*
Serratia rubidaea
Shewanella algae
Shewanella putrefaciens A
Shewanella putrefaciens B
Shigella boydii
Shigella dysenteriae
Shigella flexneri
Shigella sonnei
Simonsiella crassa
Simonsiella muelleri
Simonsiella steedae
Sinorhizobium meliloti
Sphingobacterium multivorum
Sphingobacterium multivorum-like
Sphingobacterium spiritovorum
Sphingobacterium thalophilum
Sphingomonas adhaesiva
Sphingomonas capsulata
Sphingomonas echinoides

Sphingomonas macrogoltabidus
Sphingomonas parapaucimobilis
Sphingomonas paucimobilis A
Sphingomonas paucimobilis B
Sphingomonas sanguinis
Sphingomonas terrae
Sphingomonas yanoikuyae
Stenotrophomonas maltophilia
Suttonella indologenes
Tatumella ptyseos
Taylorella equigenitalis
Trabulsiella guamensis
Variovorax paradoxus
Vibrio aestuarianus
Vibrio alginolyticus
Vibrio campbelli
Vibrio carchariae
Vibrio cholerae O1 (ATCC 25870)
Vibrio cholerae O1/O139
Vibrio cholerae non O1
Vibrio cincinnatiensis
Vibrio diazotrophicus
Vibrio fluvialis
Vibrio furnissii
Vibrio harveyi
Vibrio mediterranei
Vibrio metschnikovii
Vibrio mimicus
Vibrio natriegens
Vibrio ordalii
Vibrio parahaemolyticus
Vibrio proteolyticus
Vibrio splendidus
Vibrio tubiashii
Vibrio vulnificus
Vogesella indigofera
Weeksella virosa
Xanthomonas albilineans
Xanthomonas campestris pv *begoniae A*
Xanthomonas campestris pv *begoniae B*
Xanthomonas campestris pv *campestris*
Xanthomonas campestris pv *carotae*
Xanthomonas campestris pv *dieffenbachiae*
Xanthomonas campestris pv *hyacinthi*
Xanthomonas campestris pv *juglandis*
Xanthomonas campestris pv *malvacearum*
Xanthomonas campestris pv *nigromaculans*
Xanthomonas campestris pv *pelargonii*
Xanthomonas campestris pv *phaseoli*
Xanthomonas campestris pv *poinsetticola*
Xanthomonas campestris pv *raphani*
Xanthomonas campestris pv *tardicrescens*
Xanthomonas campestris pv *translucens*
Xanthomonas campestris pv *vesicatoria*
Xanthomonas oryzae pv *oryzicola*
Xenorhabdus bovienii
Xenorhabdus nematophila
Yersinia aldovae
Yersinia bercovieri
Yersinia enterocolitica ss *enterocolitica*
Yersinia fredericksonii
Yersinia intermedia
Yersinia kristensenii
Yersinia mollaretii
Yersinia pestis
Yersinia pseudotuberculosis
Yersinia rohdei
Yersinia ruckeri
Yokenella regensburgei

GP2 GRAM-POSITIVE AEROBIC BACTERIA

Actinomyces bovis
Actinomyces canis
Actinomyces hordeovulneris
Actinomyces hyovaginalis
Actinomyces naeslundii
Actinomyces neuii ss *anitratus*
Actinomyces neuii ss *neuii*
Actinomyces odontolyticus
Actinomyces radingae/turicensis (CDC.E)
Actinomyces viscosus
Aerococcus christensenii
Aerococcus urinae
Aerococcus viridans
Alloiococcus otitis
Arcanobacterium bernardiae (CDC.2)
Arcanobacterium haemolyticum
Arcanobacterium pyogenes
Arthrobacter cummingsii
Arthrobacter histidinolovorans
Arthrobacter ilicis
Arthrobacter woluwensis
Aureobacterium resistens
Bacillus alcalophilus
Bacillus amyloliquefaciens A
Bacillus amyloliquefaciens B
Bacillus anthracis subgroup A
Bacillus anthracis subgroup B
Bacillus anthracis subgroup C
Bacillus anthracis subgroup D
Bacillus badius
Bacillus cereus/thuringiensis A
Bacillus cereus/thuringiensis B
Bacillus cereus/thuringiensis C
Bacillus circulans
Bacillus coagulans
Bacillus fastidiosus
Bacillus firmus
Bacillus halodurans
Bacillus laevolacticus
Bacillus licheniformis
Bacillus maroccanus
Bacillus megaterium A
Bacillus megaterium B
Bacillus mycoides
Bacillus psychrosaccharolyticus
Bacillus pumilus A
Bacillus pumilus B
Bacillus pumilus C
Bacillus racemilacticus
Bacillus sphaericus
Bacillus subtilis A
Bacillus subtilis B
Bacillus subtilis C
Brevibacillus brevis
Brevibacterium casei
Brevibacterium epidermidis
Brevibacterium linens
Brevibacterium liquifaciens
Brevibacterium mcbrellneri
Brevibacterium otitidis
Brochothrix campestris
Brochothrix thermosphacta
Carnobacterium alterfunditum
Carnobacterium divergens
Carnobacterium gallinarum
Carnobacterium mobile
Carnobacterium piscicola
Cellulomonas biazotea
Cellulomonas cellasea
Cellulomonas fimi

GP2 GRAM-POSITIVE AEROBIC BACTERIA

<i>Cellulomonas flavigena</i>	<i>Enterococcus avium</i>	<i>Macrocococcus equipericus</i>
<i>Cellulomonas gelida</i>	<i>Enterococcus casseliflavus</i>	<i>Microbacterium arborescens</i>
<i>Cellulomonas hominis</i> (CDC.A-3)	<i>Enterococcus cecorum</i>	<i>Microbacterium esteraromaticum</i>
<i>Cellulomonas turbata</i> (<i>Oerskovia turbata</i>)	<i>Enterococcus columbae</i>	<i>Microbacterium flavescens</i>
<i>Cellulomonas uda</i>	<i>Enterococcus dispar</i>	<i>Microbacterium imperiale</i>
<i>Cellulosimicrobium cellulans</i>	<i>Enterococcus durans</i>	<i>Microbacterium lacticum</i>
<i>Clavibacter agropyri</i> (<i>Corynebacterium</i>)	<i>Enterococcus faecalis</i>	<i>Microbacterium laevaniformans</i>
<i>Clavibacter michiganensis</i> ss <i>insidiosus</i>	<i>Enterococcus faecium</i>	<i>Microbacterium liquefaciens</i>
<i>Clavibacter michiganensis</i> ss <i>michiganensis</i>	<i>Enterococcus flavescens</i>	<i>Microbacterium maritypicum</i>
<i>Clavibacter michiganensis</i> ss <i>nebraskensis</i>	<i>Enterococcus gallinarum</i>	<i>Microbacterium saperdae</i>
<i>Clavibacter michiganensis</i> ss <i>sepedonicus</i>	<i>Enterococcus hiraе</i>	<i>Microbacterium</i> spp. (CDC.A-4)
<i>Clavibacter michiganensis</i> ss <i>tessellarius</i>	<i>Enterococcus malodoratus</i>	<i>Microbacterium</i> spp. (CDC.A-5)
<i>Corynebacterium accolens</i>	<i>Enterococcus mundtii</i>	<i>Microbacterium terregens</i>
<i>Corynebacterium afermentans</i> ss <i>afermentans</i> (CDC.ANF-1)	<i>Enterococcus pseudoavium</i>	<i>Microbacterium testaceum</i>
<i>Corynebacterium afermentans</i> ss <i>lipophilum</i>	<i>Enterococcus raffinosus</i>	" <i>Microcococcus diversus</i> "
" <i>Corynebacterium</i> " <i>ammonia</i> genes (<i>Brevibacterium</i> -like)	<i>Enterococcus saccharolyticus</i>	<i>Microcococcus luteus</i>
<i>Corynebacterium amycolatum</i> (CDC.F-2)	<i>Enterococcus solitarius</i>	<i>Microcococcus luteus</i> (ATCC 9341)
<i>Corynebacterium argenteorotense</i>	<i>Enterococcus sulfureus</i>	<i>Microcococcus lylae</i>
<i>Corynebacterium auris</i>	<i>Eremococcus coleocola</i>	<i>Paenibacillus azotofixans</i>
<i>Corynebacterium bovis</i>	<i>Erysipelothrix rhusiopathiae/tonsillarum</i>	<i>Paenibacillus larvae</i> ss <i>larvae</i>
<i>Corynebacterium callunae</i>	<i>Exiguobacterium acetylicum</i>	<i>Paenibacillus macerans</i>
<i>Corynebacterium camporealensis</i>	<i>Gardnerella vaginalis</i>	<i>Paenibacillus pabuli</i>
<i>Corynebacterium coyleae</i>	<i>Gemella bergeri</i>	<i>Paenibacillus polymyxa</i>
<i>Corynebacterium cystitidis</i>	<i>Gemella haemolysans/morbilloorum</i>	<i>Paenibacillus popilliae</i>
<i>Corynebacterium diphtheriae</i>	<i>Gemella palaticanis</i>	<i>Paenibacillus validus</i>
<i>Corynebacterium durum</i>	<i>Gemella sanguinis</i>	<i>Pediococcus acidilactici/parvulus</i>
<i>Corynebacterium falsenii</i>	<i>Geobacillus stearothermophilus</i>	<i>Pediococcus dextrinicus</i>
<i>Corynebacterium flavescens</i>	<i>Geobacillus thermoglucosidasius</i>	<i>Pediococcus pentosaceus</i>
<i>Corynebacterium glucuronolyticum</i>	<i>Globicatella sanguinis</i>	<i>Pediococcus urinaeequi</i>
<i>Corynebacterium glutamicum</i>	<i>Gordonia aichiensis</i>	<i>Pediococcus urinaeequi</i> -like
<i>Corynebacterium imitans</i>	<i>Gordonia bronchialis</i>	<i>Rathayibacter rathayi</i>
<i>Corynebacterium jeikeium</i>	<i>Gordonia rubroprincta</i>	<i>Rathayibacter tritici</i>
<i>Corynebacterium kutscheri</i>	<i>Gordonia sputi</i>	<i>Rhodococcus australis</i>
<i>Corynebacterium lipophiloflavum</i>	<i>Gordonia terrae</i>	<i>Rhodococcus coprophilus</i>
<i>Corynebacterium macginleyi</i>	<i>Helcococcus kunzii</i>	<i>Rhodococcus equi</i>
<i>Corynebacterium mastitidis</i>	<i>Ignavigranum rouffiae</i>	<i>Rhodococcus erythropolis</i>
<i>Corynebacterium matruchotii</i>	<i>Jonesia denitrificans</i>	<i>Rhodococcus fascians</i>
<i>Corynebacterium minutissimum</i>	<i>Kocuria kristinae</i>	<i>Rhodococcus globerulus</i>
<i>Corynebacterium mucifaciens</i>	<i>Kocuria rosea</i>	<i>Rhodococcus rhodnii</i>
<i>Corynebacterium mycetoides</i>	<i>Kocuria varians</i>	<i>Rhodococcus rhodochrous</i>
" <i>Corynebacterium nitrilophilus</i> "	<i>Kurthia gibsonii</i>	<i>Rhodococcus ruber</i>
<i>Corynebacterium pilosum</i>	<i>Kurthia sibirica</i>	<i>Rothia dentocariosa</i>
<i>Corynebacterium pseudodiphtheriticum/propinquum</i> (CDC.ANF-3)	<i>Kurthia zopfii</i>	<i>Rothia mucilaginoso</i>
<i>Corynebacterium pseudotuberculosis</i>	<i>Kytococcus sedentarius</i>	<i>Sanguibacter inulinus</i>
<i>Corynebacterium renale</i>	<i>Lactococcus garvieae</i>	<i>Sanguibacter keddieii</i>
<i>Corynebacterium riegliei</i>	<i>Lactococcus lactis</i> ss <i>cremoris</i>	<i>Sanguibacter suarezi</i>
<i>Corynebacterium seminale</i>	<i>Lactococcus lactis</i> ss <i>diacetylactis</i>	<i>Staphylococcus arlettae</i>
<i>Corynebacterium singulare</i>	<i>Lactococcus lactis</i> ss <i>hordniae</i>	<i>Staphylococcus aureus</i> ss <i>anaerobius</i>
<i>Corynebacterium</i> spp. (CDC.G)	<i>Lactococcus lactis</i> ss <i>lactis</i>	<i>Staphylococcus aureus</i> ss <i>aureus</i>
<i>Corynebacterium striatum</i> (CDC.I-1)	<i>Lactococcus plantarum</i>	<i>Staphylococcus auricularis</i>
<i>Corynebacterium thomssenii</i>	<i>Lactococcus raffinolactis</i>	<i>Staphylococcus capitis</i>
<i>Corynebacterium ulcerans</i>	<i>Leifsonia aquatica</i>	<i>Staphylococcus caprae</i>
<i>Corynebacterium urealyticum</i>	<i>Leuconostoc carnosum</i>	<i>Staphylococcus carnosus</i>
<i>Corynebacterium variabile</i> (<i>Caseobacter polymorphus</i>)	<i>Leuconostoc citreum</i>	<i>Staphylococcus chromogenes</i>
<i>Corynebacterium vitaeruminis</i>	<i>Leuconostoc fallax</i>	<i>Staphylococcus cohnii</i>
" <i>Corynebacterium</i> " <i>xerosis</i> (GPC)	<i>Leuconostoc gelidum</i>	<i>Staphylococcus delphini</i>
<i>Curtobacterium albidum</i>	<i>Leuconostoc lactis</i>	<i>Staphylococcus epidermidis</i>
<i>Curtobacterium citreum</i>	<i>Leuconostoc mesenteroides</i>	<i>Staphylococcus equorum</i>
<i>Curtobacterium flaccumfaciens</i>	<i>Leuconostoc mesenteroides</i> ss <i>dextranicum</i>	<i>Staphylococcus felis</i>
<i>Curtobacterium luteum</i>	<i>Leuconostoc mesenteroides</i> ss <i>mesenteroides</i>	<i>Staphylococcus gallinarum</i>
<i>Curtobacterium pusillum</i>	<i>Listeria grayi</i>	<i>Staphylococcus haemolyticus</i>
<i>Deinococcus grandis</i>	<i>Listeria innocua/monocytogenes/seeligeri/welshimeri</i>	<i>Staphylococcus hominis</i>
<i>Deinococcus proteolyticus</i>	<i>Listeria ivanovii</i>	<i>Staphylococcus hominis</i> ss <i>novobiosepticus</i>
<i>Deinococcus radiodurans</i>	<i>Listeria ivanovii</i> ss <i>londoniensis</i>	<i>Staphylococcus hyicus</i>
<i>Deinococcus radiophilus</i>	<i>Listeria monocytogenes/innocua/seeligeri/welshimeri</i>	<i>Staphylococcus intermedius</i>
<i>Deinococcus radiopugnans</i>	<i>Listeria seeligeri/innocua/monocytogenes/welshimeri</i>	<i>Staphylococcus kloosii</i>
<i>Dermabacter hominis</i>	<i>Listeria welshimeri/innocua/monocytogenes/seeligeri</i>	<i>Staphylococcus lentus</i>
<i>Dermacoccus nishinomiyaensis</i>	<i>Macrocococcus bovicus</i>	<i>Staphylococcus lugdunensis</i>
<i>Dolosicoccus paucivorans</i>	<i>Macrocococcus caesusculus</i>	<i>Staphylococcus lutrae</i>
<i>Dolosigranulum pigrum</i>	<i>Macrocococcus caseolyticus</i>	<i>Staphylococcus luscae</i>

GP2 GRAM-POSITIVE AEROBIC BACTERIA

Staphylococcus pasteurii
Staphylococcus piscifermentans
Staphylococcus pulvereri/vitulinus
Staphylococcus saprophyticus
Staphylococcus schleiferi
Staphylococcus sciuri
Staphylococcus sciuri ss rodentium
Staphylococcus simulans
Staphylococcus warneri
Staphylococcus xylosus
Streptococcus acidominimus
Streptococcus agalactiae A (GP B)
Streptococcus agalactiae B (GP B)
Streptococcus alactolyticus
Streptococcus anginosus
Streptococcus bovis (GP D)
Streptococcus canis
Streptococcus constellatus
Streptococcus criceti
Streptococcus cristatus
Streptococcus downei
Streptococcus dysgalactiae ss dysgalactiae
Streptococcus dysgalactiae ss equisimilis
Streptococcus equi ss equi
Streptococcus equi ss zoepidemicus (GP C)
Streptococcus equinus (GP D)
Streptococcus ferus
Streptococcus gallolyticus
Streptococcus gordonii
Streptococcus hyointestinalis
Streptococcus hyovaginalis
Streptococcus infantarius ss coli
Streptococcus infantarius ss infantarius
Streptococcus infantis
Streptococcus iniae
Streptococcus intermedius
Streptococcus intestinalis
Streptococcus macacae
Streptococcus macedonicus
Streptococcus mitis
Streptococcus mutans/ratti
Streptococcus oralis
Streptococcus parasanguinis
Streptococcus peroris
Streptococcus phocae
Streptococcus pluranimalium
Streptococcus pneumoniae
Streptococcus porcinus
Streptococcus pyogenes A (GP A)
Streptococcus pyogenes B (GP A)
Streptococcus pyogenes C (GP A)
Streptococcus salivarius
Streptococcus sanguinis
Streptococcus sobrinus
Streptococcus suis (GP RST)
Streptococcus suis serogroup 1/2
Streptococcus suis serogroup 4/6
Streptococcus suis serogroup 5
Streptococcus suis serogroup 7
Streptococcus thoraltensis
Streptococcus uberis
Streptococcus vestibularis
Streptococcus waius
Tetragenococcus halophilus
Tsukamurella inchenensis
Tsukamurella paurometabola
Turicella otitidis
Vagococcus fluvialis
Vagococcus lutrae
Vagococcus salmoninarum
Virgibacillus pantothenicus

ANAEROBIC BACTERIA

Abiotrophia defectiva
Acetivibrio ethanolgignens
Acetoanaerobium noterae
Acidaminococcus fermentans
Actinobaculum schaalii
Actinobaculum suis
Actinomyces bovis BGA
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 fessor
Atopobium minutum
Atopobium parvulum
Bacteroides caccae
Bacteroides coagulans
Bacteroides distasonis
Bacteroides eggerthii
Bacteroides forsythus
Bacteroides fragilis BGA
Bacteroides fragilis BGB
Bacteroides helcogenes
Bacteroides merdae
Bacteroides ovatus
Bacteroides pectinophilus
Bacteroides putredinis
Bacteroides pyogenes
Bacteroides splanchnicus
Bacteroides stercoris
Bacteroides suis
Bacteroides tectus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides ureolyticus
Bacteroides vulgatus
Bifidobacterium adolescentis
Bifidobacterium angulatum
Bifidobacterium animalis
Bifidobacterium asteroides
Bifidobacterium bifidum
Bifidobacterium boum
Bifidobacterium breve
Bifidobacterium catenulatum
Bifidobacterium choerinum
Bifidobacterium coryneforme
Bifidobacterium cuculi
Bifidobacterium dentium
Bifidobacterium gallicum
Bifidobacterium gallinarum
Bifidobacterium indicum
Bifidobacterium infantis
Bifidobacterium longum
Bifidobacterium magnum
Bifidobacterium merycicum
Bifidobacterium minimum
Bifidobacterium pseudocatenulatum

Bifidobacterium pseudolongum ss globosum
Bifidobacterium pseudolongum ss pseudolongum
Bifidobacterium pullorum
Bifidobacterium ruminantium
Bifidobacterium saeculare
Bifidobacterium subtile
Bifidobacterium suis
Bifidobacterium thermophilum
Bilophila wadsworthia
Butyrivibrio fibrisolvens
Campylobacter curvus/gracilis
Campylobacter rectus
Catonella morbi
Centipeda periodontii
Clostridium absonum
Clostridium acetobutylicum
Clostridium aerotolerans
Clostridium "aminobutyricum"
Clostridium aminophilum
Clostridium aminovalericum
Clostridium barati
Clostridium botulinum
Clostridium cadaveris
Clostridium carnis
Clostridium cellobioparum
Clostridium cellulolyticum
Clostridium clostridiiforme
Clostridium coccoides
Clostridium cochlearium
Clostridium coccleatum
Clostridium colinum
Clostridium cylindrosporum
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

ANAEROBIC BACTERIA

Clostridium tetani
Clostridium tetanomorphum
Clostridium tyrobutyricum
Clostridium/Eubacterium species
Collinsella aerofaciens
Coprococcus catus
Dendrosporobacter quercicolus
Desulfobulbus elongatus
Desulfomonas pigra
Desulfomonile tiedjei
Desulfovibrio desulfuricans ss desulfuricans
Desulfovibrio fructosivorans
Desulfovibrio vulgaris ss vulgaris
Eggerthella lenta
Eikenella corrodens
Eubacterium angustum
Eubacterium barkeri
Eubacterium bifforme
Eubacterium brachy
Eubacterium budayi
Eubacterium combesii
Eubacterium contortum
Eubacterium cylindroides
Eubacterium desmolans
Eubacterium dolichum
Eubacterium fissicatena
Eubacterium hallii
Eubacterium limosum BGA
Eubacterium limosum BGB
Eubacterium moniliforme
Eubacterium multiforme
Eubacterium nodatum
Eubacterium plautii
Eubacterium saburreum
Eubacterium tortuosum
Eubacterium uniforme
Eubacterium yurii ss margaretae
Eubacterium yurii ss schittka
Eubacterium yurii ss yurii
Facklamia hominis
Facklamia soureki
Falcivibrio grandis
Falcivibrio vaginalis
Filifactor alocis
Filifactor villosus
Finegoldia magna
Fusobacterium gonidiaformans
Fusobacterium naviforme
Fusobacterium necrogenes
Fusobacterium necrophorum
Fusobacterium nucleatum ss animalis
Fusobacterium nucleatum ss fusiforme
Fusobacterium nucleatum ss nucleatum
Fusobacterium nucleatum ss polymorphum
Fusobacterium nucleatum ss vincentii
Fusobacterium russii
Fusobacterium simiae
Fusobacterium ulcerans
Fusobacterium varium
Gardnerella vaginalis
Gemella bergeri
Gemella haemolysans
Gemella morbillorum
Granulicatella adiacens
Hallella seregens
Lactobacillus acetotolerans
Lactobacillus acidophilus BGA
Lactobacillus acidophilus BGB
Lactobacillus alimentarius
Lactobacillus amylovorus
Lactobacillus aviarius ss araffinosus
Lactobacillus aviarius ss aviarius
Lactobacillus 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 gasseri
Lactobacillus hamsteri
Lactobacillus helveticus
Lactobacillus hilgardii
Lactobacillus jensenii
Lactobacillus kefir
Lactobacillus malefermentans
Lactobacillus mali/sakei ss sakei
Lactobacillus murinus/paracasei ss tolerans
Lactobacillus oris/parabuchneri
Lactobacillus paracasei ss paracasei
Lactobacillus pentosus
Lactobacillus plantarum
Lactobacillus reuteri
Lactobacillus rhamnosus
Lactobacillus salivarius ss salicinius
Lactobacillus salivarius ss salivarius
Lactobacillus sanfranciscensis
Lactobacillus suebicus
Lactobacillus vaginalis
Lactococcus garvieae
Lactococcus lactis ss cremoris
Lactococcus lactis ss hordniae
Lactococcus lactis ss lactis
Lactococcus plantarum
Lactococcus raffinolactis
Leuconostoc carnosum
Leuconostoc citreum
Leuconostoc fallax
Leuconostoc gelidum
Leuconostoc lactis
Leuconostoc mesenteroides ss cremoris
Leuconostoc mesenteroides ss dextranicum
Leuconostoc mesenteroides ss mesenteroides
Megamonas hypermegale
Megasphaera cerevisiae
Megasphaera elsdenii
Micromonas micros
Mobiluncus curtisii
Mobiluncus mulieris
Mongibacterium timidum
Pectinatus cerevisiophilus
Pectinatus frisingensis
Pediococcus acidilactici
Pediococcus dextrinicus
Pediococcus parvulus
Pediococcus pentosaceus
Pediococcus urinaeequi
Peptostreptococcus anaerobius
Peptostreptococcus asaccharolyticus
Peptostreptococcus barnesae
Peptostreptococcus hydrogenalis
Peptostreptococcus indolicus
Peptostreptococcus lacrimalis
Peptostreptococcus lactolyticus
Peptostreptococcus prevotii
Peptostreptococcus tetradius
Peptostreptococcus vaginalis
Porphyromonas asaccharolytica
Porphyromonas circumdentaria/endodontalis
Porphyromonas gingivalis
Porphyromonas levii
Porphyromonas macacae
Prevotella bivia
Prevotella buccae
Prevotella buccalis
Prevotella corporis
Prevotella denticola
Prevotella disiens (GNR Kan-R setup)
Prevotella disiens (Standard AN setup)
Prevotella heparinolytica
Prevotella intermedia
Prevotella loescheii
Prevotella nigrescens
Prevotella oralis
Prevotella oris (GNR Kan-R setup)
Prevotella oulora
Prevotella species
Propionibacterium acidipropionici
Propionibacterium acnes
Propionibacterium avidum
Propionibacterium freudenreichii ss freudenreichii
Propionibacterium granulosum
Propionibacterium jensenii
Propionibacterium lymphophilum
Propionibacterium propionicus
Propionibacterium thoenii
Pseudoramibacter alactolyticus
Rikenella microfusum
Ruminococcus gnavus
Ruminococcus hansenii
Ruminococcus lactaris
Ruminococcus productus
Ruminococcus torques
Sarcina maxima
Sarcina ventriculi
Sebaldella termitidis
Selenomonas flueggei
Selenomonas infelix
Selenomonas noxia
Selenomonas sputigena
Slackia heliotrinireducens
Sporolactobacillus inulinus
Sporomusa acidovorans
Sporomusa ovata
Sporomusa sphaeroides
Staphylococcus aureus ss anaerobius
Staphylococcus saccharolyticus
Streptococcus alactolyticus
Streptococcus anginosus
Streptococcus bovis
Streptococcus macacae
Streptococcus mutans
Streptococcus pleomorphus
Streptococcus suis
Streptococcus thermophilus
Succinivibrio dextrinosolvens
Sutterella wadsworthensis
Tetragenococcus halophilus
Tissierella praeacuta
Veillonella atypica/caviae/dispar/parvula

ANAEROBIC BACTERIA

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

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 fluvialis
Candida freyschussii
Candida friedrichii
Candida fructus
Candida fusiformata
Candida galacta
Candida geochares
Candida glabrata
Candida glaebosa
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 multisgemmis
Candida musae
Candida nemodendra
Candida nitratophila
Candida norvegica
Candida oleophila
Candida parapsilosis A
Candida parapsilosis B
Candida pararugosa
Candida peltata
Candida pinus

Candida rugosa A
Candida rugosa B
Candida sake
Candida salmanticensis
Candida santamariae
Candida savonica
Candida shehatae
Candida shehatae var shehatae
Candida silvae
Candida silvatica
Candida solani
Candida sonorensis
Candida sorbophila
Candida sorboxylosa
Candida spandovensis
Candida succiphila
Candida tropicalis A
Candida tropicalis B
Candida vanderwaltii
Candida vartiovaarai
Candida versatilis
Candida viswanathii
Candida wickerhamii
Candida zeylanoides
Citeromyces matritensis
Clavispora lusitaniae
Cryptococcus albidus
Cryptococcus albidus var aerius
Cryptococcus albidus var albidus
Cryptococcus albidus var diffluens
Cryptococcus amylolentus
Cryptococcus curvatus A
Cryptococcus curvatus B
Cryptococcus dimennae
Cryptococcus gastricus
Cryptococcus kuetzingii
Cryptococcus laurentii
Cryptococcus luteolus
Cryptococcus macerans
Cryptococcus magnus
Cryptococcus magnus var aerius
Cryptococcus marinus
Cryptococcus skinneri
Cryptococcus terreus A
Cryptococcus terreus B
Cryptococcus tsukubaensis
Debaryomyces castellii
Debaryomyces hansenii A
Debaryomyces hansenii B
Debaryomyces hansenii C
Debaryomyces hansenii var fabryi
Debaryomyces maramus
Debaryomyces polymorphus
Debaryomyces vanriijiae
Dekkera anomala
Dekkera bruxellensis A
Dekkera bruxellensis B
Dekkera custersiana
Dekkera naardenensis
Dipodascus capitatus
Dipodascus ovetensis
Endomyces fibuliger
Endomycopsella vivi
Eremothecium ashbyi
Fellomyces fuzhouensis
Filobasidiella neoformans bacillisporus
Filobasidiella neoformans neoformans A
Filobasidiella neoformans neoformans B
Filobasidium uniguttulatum
Galactomyces geotrichum

Geotrichum terrestre
Guilliermondella selenospora
Hanseniaspora guilliermondii/uvarum/valb
Hanseniaspora occidentalis
Hanseniaspora osmophila/vineae
Hyphopichia burtonii A
Hyphopichia burtonii B
Hyphopichia burtonii C
Issatchenka orientalis
Issatchenka scutulata
Issatchenka scutulata var exigua
Issatchenka scutulata var scutulata
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 stiptis
Pichia subpelliculosa
Pichia sydowiorum
Pichia thermotolerans
Pichia toletana

YEASTS

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 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*
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
Torulaspora delbrueckii
Torulaspora globosa
Trichosporon beigeli A
Trichosporon beigeli 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

Absidia californica J.Ellis & Hesselstine
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.
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
Actinomyces elegans (Eidam) C.R. Benjamin & Hesselstine BGA
Actinomyces elegans (Eidam) C.R. Benjamin & Hesselstine BGB
Alternaria alternata (Fr.) Keissl
Amorphotheca resinosa 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 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 Kamyshko
Aspergillus parasiticus Speare BGA
Aspergillus parasiticus Speare BGB
Aspergillus parvulus G. Sm. BGA
Aspergillus parvulus G. Sm. BGB
Aspergillus penicilliformis Kamyshko
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 spelunceus Raper & Fennell
Aspergillus sydowii (Brainier & Sartory) Thom & Church
Aspergillus tamarii Kita
Aspergillus terreus var *africanus* Fennell & Rapier
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
Byssoschlamys fulva Olliver & G. Smith BGA
Byssoschlamys fulva Olliver & G. Smith BGB
Byssoschlamys nivea Westling
Candida albicans (Robin) Berkhout
Candida guilliermondii (Castellani) Langeron & Guerra
Kodamaeae ohm(teleo. Kodamaeae ohmeri)
Candida insectorum D.B. Scott et al.
Candida intermedia(AS) (Ciferri & Ashford) Langeron & Guerra
Candida montana S. Goto & Oguri
Candida parapsilosis (Ashford) Langeron & Talice
Candida rugosa (H.W. Anderson) Diddens & Lodder
Candida sake (Saito & Oda) v. Uden & Buckley
Candida sorbophila (Nakase) S.A. Meyer & Yarrow
Candida zeylanoides (Castellani) Langeron & Guerra
Cephalophora tropica Thaxler
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 J.W. Carmich.
Chrysosporium keratinophilum D.Frey ex Charmichael
Chrysosporium merdarium (Link: Fries) Carmichael.
Chrysosporium 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

FILAMENTOUS FUNGI

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 Arx

Colletotrichum dematium (Persoon: Fries) Grove

Colletotrichum destructivum O'Gara

Colletotrichum gloeosporioides (Penzig) Penzig & Saccardo

Colletotrichum lindemuthianum (Saccardo & Magnus) Briosi

Colletotrichum trichellum (Fries) Duke

Colletotrichum trifolii Bain & Essary

Colletotrichum truncatum (Schweinitz) Andrus & Moore BGA

Colletotrichum truncatum (Schweinitz) Andrus & Moore BGB

Cryptococcus albidus var *albidus* (Saito) Skinner

Cryptococcus laurentii var *laurentii* (Kufferath) Skinner

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* (Zopl) Lodder & Kreger-v.Rij BGA (anam. CANADA FAMATA)

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

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

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 (anam. Aspergillus truticans)

Emericella nidulans var *nidulans* (Eidam) Vuillemin (anam. Aspergillus nidulellus)

Emericella quadrilineata (Thom & Raper) C.R. Benjamin (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 violaccobrunneus)

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 cinnamopurpureum D.B. Scott & Stolk BGA (anam. Penicillium cinnamopurpureum)

Eupenicillium cinnamopurpureum D.B. Scott & Stolk BGB (anam. Penicillium cinnamopurpureum)

Eupenicillium crustaceum Ludwig (anam. Penicillium nilense)

Eupenicillium euclaucum (van Beyma) Stolk & Samson BGA (anam. Penicillium citreonigrum)

Eupenicillium euclaucum (van Beyma) Stolk & Samson BGB (anam. Penicillium citreonigrum)

Eupenicillium javanicum var *javanicum* (Van Beyma) Stolk & Scott (P. simplicissium 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 repens

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 *nurragi* Summerell & L.W. Burgess

Fusarium brevicatenulatum 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. & Reinking

Fusarium melanochlorum (Caspary) Sacc. (teleo. Nectria flavoviridis)

Fusarium merismoides VAR MERISMOIDES Corda

Fusarium oxysporum Schlctt.:Fr. BGA

Fusarium oxysporum Schlctt.: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 (teleo. Gibberella coronicola)

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 (teleo. Gibberella thapsinum)

Fusarium torulosum (Berk. & Curt.) Nirenberg

Fusarium tricinctum (Corda) Sacc. BGA

Fusarium tricinctum (Corda) Sacc. BGB

Fusarium tricinctum (Corda) Sacc. BGC

Fusarium tricinctum (Corda) Sacc. BGD

Fusarium tumidum Scherbakoff (teleo. Gibberella tumida)

Fusarium udum E. Butler

Fusarium venenatum Nirenberg

Fusarium ventricosum Appel & Wollenw.

Fusarium verticillioides (Sacc.) Nirenberg BGA (teleo. Gibberella moniliformis)

Fusarium verticillioides (Sacc.) Nirenberg BGB (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 putterlii (Thom) Pitt

Geotrichum klebahnii (Stautz) Morenz

Geotrichum sericeum (Stautz) de Hoog et al.

Gibberella subglutinans (Edwards) Nelson, Toussoun & Marasas (anam. Fusarium subglutinans)

Gliocladium catenulatum Gilman & Abbott

Gliocladium viride Matruchot

Gonatobotrys simplex Corda

Hanseniaspora uvarum (Niehans) El-Taby Shehata et al. (anam. Kloeckera apiculata)

Hanseniaspora valbyensis Kloecker (anam. Kloeckera japonica)

Hemicarpeneteles paradoxus Sarbhoy & Elphick (anam. Aspergillus paradoxus)

Hortaea werneckii (Horta) Nishimura & Miyaji

Hyphopichia burtonii (Boidin et al.) Arx & Van der Walt (anam. Candida chodatii)

Hypocrea andinensis Samuels & O. Petrini

Hypocrea aurantia P. Hennings

FILAMENTOUS FUNGI

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 nigricans (Imai) Doi

Hypocrea novae-zelandiae 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.

Kluyveromyces lactis var *lactis* (Dombrowski) Van der Walt (anam. *Candida sphaerica*)

Kluyveromyces marxianus (Hansen) Van.der Walt BGA (anam. *Candida kefyri*)

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

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

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

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

Lecythophora hoffmannii (van.Beyma) W. Gams BGA

Lecythophora hoffmannii (van.Beyma) W. Gams BGB

Lecythophora mutabilis (van Beyma) W. Gams

Mariannaea elegans var *elegans* (Corda) G. Amand ex Samson

Mariannaea elegans var *punicæ* Samson

Microdochium bolleyi (Sprague) de Hoog & Herm.-Nijhof

Microsphaeropsis olivacea (Bonorden) v. Hoehnel

Monascus ruber v. Tiegham

Moniliella acetoabutans Stolk & Dakin

Moniliella suaveolens var *suaveolens* (Lindner) v.Arx

Mucor circinelloides f sp *circinelloides* v. Tiegham

Mucor hiemalis f sp *hiemalis* Wehmer

Mucor mucedo Linn.: Fr.

Mucor plumbeus Bonord.

Mucor racemosus f sp *racemosus* Fresen.

Myceliophthora lutea Costantin

Myrothecium roridum Tode:Fr.

Myrothecium verrucaria (Alb. & Schwein.:Fr.) Ditmar

Nectria aureofulva Cooke & Ellis (anam. *Clonostachys* sp.)

Nectria haematococca Berk. & Br. (anam. *Fusarium eumartii*)

Nectria ochroleuca (Schweinitz) Berkeley

Nectria sesquicillii Samuels (anam. *Clonostachys* sp.)

Neosartorya fischeri var *fischeri* (Wehmer) Malloch & Cain (anam. *Aspergillus fischerianus*)

Neurospora crassa Schear & Dodge

Neurospora sitophila Schear & Dodge

Nigrospora oryzae (Berk. & Broome) Petch

Nigrospora sphaerica (sacc.) Mason

Ophiostoma piceae (Munch) H. & P. Sydow BGA

Ophiostoma piceae (Munch) H. & P. Sydow BGB

Ophiostoma ulmi (Buisman) Nannfeldt

Paecilomyces carneus (Duché & Heim) A. Brown & G. Smith

Paecilomyces farinosus (Holm:Fr.) A. Brown & G. Smith

Paecilomyces fumosoroseus (Wize) A. Brown & G. Smith

Paecilomyces lilacinus (Thom) Samson

Paecilomyces marquandii (Masseé) S. Hughes

Paecilomyces variotii (Bainier) BGA

Paecilomyces variotii (Bainier) BGB

Penicillium adametzi Zaleski BGA

Penicillium adametzi 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

Penicillium brevicompactum Dierckx BGA

Penicillium brevicompactum Dierckx BGB

Penicillium brevicompactum Dierckx BGC

Penicillium camembertii Thom BGA

Penicillium camembertii Thom BGB

Penicillium canescens Sopp

Penicillium capsulatum Raper & Fennell

Penicillium chermesinum Biourge

Penicillium chrysogenum Thom

Penicillium citreonigrum Dierckx BGA (teleo. *Eupenicillium euglaucum*)

Penicillium citreonigrum Dierckx BGB (teleo. *Eupenicillium euglaucum*)

Penicillium citreonigrum Dierckx BGC (teleo. *Eupenicillium euglaucum*)

Penicillium citrinum Thom

Penicillium clavigerum Demelius

Penicillium commune Thom BGA

Penicillium commune Thom BGB

Penicillium corylophilum Dierckx

Penicillium crateriforme Gilman & Abbott

Penicillium crustosum Thom

Penicillium cyclopium Westling

Penicillium decumbens Thom (teleo. *Eupenicillium meridianum*)

Penicillium digitatum (Pers.:Fr.) Sacc. BGA

Penicillium digitatum (Pers.:Fr.) Sacc. BGB

Penicillium discolor Frisvad & Samson

Penicillium duclauxii Delucr.

Penicillium echinulatum Fassatiova

Penicillium erythromellis Hocking

Penicillium expansum Link BGA

Penicillium expansum Link BGB

Penicillium expansum Link BGC

Penicillium expansum Link BGD

Penicillium fellutanum Biourge

Penicillium freii Frisvad & Samson BGA

Penicillium freii Frisvad & Samson BGB

Penicillium freii Frisvad & Samson BGC

Penicillium funiculosum Thom BGA

Penicillium funiculosum Thom BGB

Penicillium glabrum (Wehmer) Westling

Penicillium glandicola var *glandicola* (Oud.) Seifert & Samson

Penicillium griseofulvum Dierckx

Penicillium herquei Bainier & Sartory

Penicillium hirsutum Dierckx

Penicillium hordei Stolk

Penicillium implicatum Biourge

Penicillium islandicum Sopp

Penicillium italicum Wehmer

Penicillium janczewskii K.M. Zaleski

Penicillium janthienellum Biourge

Penicillium jensenii Zaleski

Penicillium lagena (Delitsch) Stolk & Samson

Penicillium lanosum Westling

Penicillium lividum Westling

Penicillium madriti G.Smith

Penicillium melanoconidium (Frisvad) Frisvad & Samson BGA

Penicillium melanoconidium (Frisvad) Frisvad & Samson BGB

Penicillium melinii Thom

Penicillium miczynski 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 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 *rubrisclerotium* 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 & Masseé) Seifert & Samson BGA

Penicillium vulpinum (Cooke & Masseé) Seifert & Samson BGB

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 (anam. *Candida pelliculosa*)

Pichia anomala (Sydow & Sydow) Kurtzman BGA (anam. *Candida pelliculosa*)

Pichia anomala (Sydow & Sydow) Kurtzman BGA (anam. *Candida pelliculosa*)

Pichia anomala (Sydow & Sydow) Kurtzman BGA (anam. *Candida pelliculosa*)

FILAMENTOUS FUNGI

<i>Pichia fermentans</i> Lodder BGA (anam. <i>Candida lambica</i>)	<i>Schizosaccharomyces pombe</i> Lindler	<i>Trichoderma hamatum</i> (Bon.) Bainier
<i>Pichia fermentans</i> Lodder BGB (anam. <i>Candida lambica</i>)	<i>Scopulariopsis asperula</i> (Sacc.) Hughes	<i>Trichoderma harzianum</i> Rifai BGA
<i>Pichia guilliermondii</i> Wickernam (anam. <i>Candida guilliermondii</i>)	<i>Scopulariopsis brevicaulis</i> (Sacc.) Bainier BGA	<i>Trichoderma harzianum</i> Rifai BGB
<i>Pichia haplophila</i> Shifrine & Phaff	<i>Scopulariopsis brevicaulis</i> (Sacc.) Bainier BGB	<i>Trichoderma harzianum</i> Rifai BGC
<i>Pichia membranifaciens</i> Hansen (anam. <i>Candida valida</i>)	<i>Scopulariopsis brumptii</i> Salvanet-Duval	<i>Trichoderma koningii</i> Oud. (teleo. <i>Hypocrea koningii</i>)
<i>Pichia pastoris</i> (Guilliermond) Phaff	<i>Scopulariopsis candida</i> (Gueguen) Vuill.	<i>Trichoderma longibrachiatum</i> Rifai BGA
<i>Pichia petersonii</i> (Wickerham) Kurtzman	<i>Scopulariopsis chartarum</i> (G. Smith) Morton & G. Smith BGA	<i>Trichoderma longibrachiatum</i> Rifai BGB
<i>Pichia spartinae</i> Ahearn et al.	<i>Scopulariopsis chartarum</i> (G. Smith) Morton & G. Smith BGC	<i>Trichoderma longibrachiatum</i> Rifai BGC
<i>Pithomyces chartarum</i> (Berk. & Curtis) M.B. Ellis	<i>Scopulariopsis fusca</i> Zach BGA	<i>Trichoderma longibrachiatum</i> Rifai BGD
<i>Pithomyces sacchari</i> (Speg.) M.B. Ellis	<i>Scopulariopsis fusca</i> Zach BGB	<i>Trichoderma minutisporum</i> Bissett
<i>Rhinoctadiella atrovirens</i> Nannf. BGA	<i>Sistotrema brinkmannii</i> (Bresadola) John Eriksson	<i>Trichoderma oblongisporum</i> Bissett
<i>Rhinoctadiella atrovirens</i> Nannf. BGB	<i>Sistotrema raduloideus</i> (Karsten) Donk	<i>Trichoderma piluiferum</i> Webster & Rifai (teleo. <i>Hypocrea piluifera</i>)
<i>Rhizomucor pusillus</i> (Lindt) Schipper	<i>Sporobolomyces roseus</i> Kluyver & Van Niel	<i>Trichoderma polysporum</i> (Link.Fr.) Rifai
<i>Rhizopus microsporus</i> var. <i>microsporus</i> v. Tiegh	<i>Sporopachydermia ceriala</i> Rodrigues de Miranda	<i>Trichoderma pseudokoningii</i> Rifai (teleo. <i>Hypocrea pseudokoningii</i>)
<i>Rhizopus oligosporus</i> Saito	<i>Sporothrix schenckii</i> var. <i>schenckii</i> Kekoeten & Perkins	<i>Trichoderma reesei</i> Simmons BGA (teleo. <i>Hypocrea jecorina</i>)
<i>Rhizopus oryzae</i> Went & Prins. Geerl.	<i>Stachybotrys bisbyi</i> (Srinavesan) Barron	<i>Trichoderma reesei</i> Simmons BGB (teleo. <i>Hypocrea jecorina</i>)
<i>Rhizopus sexualis</i> var. <i>sexualis</i> (G. Sm.) Callen	<i>Stachybotrys chartarum</i> (Ehrenb.) Hughes	<i>Trichoderma saturnisporum</i> Hammill
<i>Rhizopus stolonifer</i> var. <i>stolonifer</i> (EHRENB.:FR.) LINDNER BGA	<i>Stachybotrys cylindrospora</i> C.N. Jensen	<i>Trichoderma spirale</i> Bissett
<i>Rhizopus stolonifer</i> var. <i>stolonifer</i> (Ehrenb.:Fr.) Lindner BGB	<i>Stachybotrys echinulata</i> (Rivolta) G. Smith	<i>Trichoderma strictipile</i> Bissett
<i>Rhodotorula aurantiaca</i> (Saito) Lodder	<i>Sterigmatomyces elviae</i> Sonck & Yarrow	<i>Trichoderma strigosum</i> Bissett
<i>Rhodotorula minuta</i> (Saito) F.C. Harrison	<i>Sterigmatomyces halophilus</i> Fell	<i>Trichoderma tomentosum</i> Bissett
<i>Rhodotorula mucilaginosa</i> (AS) (A.Jörg) F.C. Harrison BGA	<i>Syncephalastrum racemosum</i> J.Schrot.	<i>Trichoderma virens</i> (Miller et al.) v.ArX BGA
<i>Rhodotorula mucilaginosa</i> (AS) (A.Jörg) F.C. Harrison BGB	<i>Talaromyces bacillisporus</i> (Swift) C.R. Benjamin (anam. <i>Penicillium bacillisporum</i>)	<i>Trichoderma virens</i> (Miller et al.) v.ArX BGB
<i>Rhodotorula muscorum</i> (di Menna) von Arx & Weijman	<i>Talaromyces flavus</i> var. <i>flavus</i> (Klocker) Stolk & Samson (anam. <i>Penicillium vermiculatum</i>)	<i>Trichoderma viride</i> Pers.:Fr.
<i>Saccharomyces bayanus</i> Sacc.	<i>Talaromyces macrosporus</i> (Stolk & Samson) Frisvad et al. (anam. <i>Penicillium dangesdii</i>)	<i>Trichothecium roseum</i> (Pers.) Link
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGA (anam. <i>Candida robusta</i>)	<i>Thamnidium elegans</i> Link	<i>Trichurus spiralis</i> Hasselbring BGA
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGB (anam. <i>Candida robusta</i>)	<i>Tilletiopsis albescens</i> Gokhale	<i>Trichurus spiralis</i> Hasselbring BGB
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGD (anam. <i>Candida robusta</i>)	<i>Torula herbarum</i> Link: Fr.	<i>Tritirachium oryzae</i> (Vincens) de Hoog
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGE (anam. <i>Candida robusta</i>)	<i>Torulaspora delbrueckii</i> (Lindner) Lindner (anam. <i>Candida colliculosa</i>)	<i>Ulocladium atrum</i> Preuss
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGF (anam. <i>Candida robusta</i>)	<i>Trichoderma asperellum</i>	<i>Ulocladium botrytis</i> Preuss BGA
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGG (anam. <i>Candida robusta</i>)	<i>Trichoderma atroviride</i> Karsten	<i>Ulocladium botrytis</i> Preuss BGB
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGG (anam. <i>Candida robusta</i>)	<i>Trichoderma aureoviride</i> Rifai (teleo. <i>Hypocrea aureoviridis</i>)	<i>Ulocladium chartarum</i> (Preuss) Simmons
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGG (anam. <i>Candida robusta</i>)	<i>Trichoderma citrinoviride</i> Bissett BGA (teleo. <i>Hypocrea schweinitzii</i>)	<i>Ustilago maydis</i> (de Candolle) Corda
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGG (anam. <i>Candida robusta</i>)	<i>Trichoderma citrinoviride</i> Bissett BGB (teleo. <i>Hypocrea schweinitzii</i>)	<i>Verticillium lecanii</i> (Zimmermann) Viegas
<i>Saccharomyces cerevisiae</i> Meyen ex E.C. Hanson BGG (anam. <i>Candida robusta</i>)	<i>Trichoderma citrinoviride</i> Bissett BGC (teleo. <i>Hypocrea schweinitzii</i>)	<i>Wallemia sebi</i> (Fr.) v. Arx
<i>Saccharomyces exiguus</i> (SS) Reess ex Hanson (anam. <i>Candida holmii</i>)	<i>Trichoderma crassum</i> Bissett	<i>Williopsis saturnus</i> var. <i>saturnus</i> (Klocker) Zender
<i>Schizosaccharomyces octosporus</i> Beijerinck (Octosporomyces octosporus)	<i>Trichoderma crassum</i> Bissett	<i>Yarrowia lipolytica</i> (SS) (Wickerham et al.) v.d. Walt & v. Arx (anam. <i>Candida lipolytica</i>)
	<i>Trichoderma fasciculatum</i> Bissett	<i>Zygorhynchus moelleri</i> Vuillemin
	<i>Trichoderma fertile</i> Bissett	<i>Zygosaccharomyces bailii</i> (Lindner) Guillierm
	<i>Trichoderma ghanense</i> Y. Doi, Y. Abe & J. Sugiyama	<i>Zygosaccharomyces rouxii</i> (Boutroux) Yarrow
		<i>Zygosporium mycophilum</i> (Vuillemin) Saccardo

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