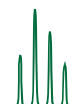


AnagnosTec SARAMIS™ ReferenceSpectra

AnagnosTec

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14476 Potsdam/Golm
Germany
www.anagnostec.eu
anagnostec@anagnostec.eu

October 2009



This list contains all species of bacteria, fungi and yeasts for which ReferenceSpectra are available in the SARAMIS™ database. ReferenceSpectra are used for the semi-automated second-line identification of microbial samples.

For orientation, the genus name of the first species or particular genera is printed in green.

Bacteria

Abiotrophia defectiva

Acetobacter aceti

Achromobacter denitrificans

Achromobacter insolitus

Achromobacter marplatensis

Achromobacter piechaudii

Achromobacter ruhlandii

Achromobacter sp.

Achromobacter spanius

Achromobacter xylooxidans

Achromobacter xylooxidans subsp. denitrificans

Achromobacter xylooxidans subsp. xylooxidans

Acidovorax sp.

Acinetobacter baumannii

Acinetobacter baumannii DNA group 02

Acinetobacter calcoaceticus

Acinetobacter haemolyticus DNA group 04

Acinetobacter johnsonii

Acinetobacter johnsonii DNA group 07

Acinetobacter junii DNA group 05

Acinetobacter lwoffii

Acinetobacter lwoffii DNA group 08

Acinetobacter radioresistens DNA group 12

Acinetobacter schindleri

Acinetobacter septicus

Acinetobacter sp.

Acinetobacter sp. DNA group 10

Acinetobacter sp. DNA group 11

Acinetobacter sp. DNA group 13

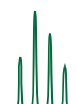
Acinetobacter sp. DNA group 14

Acinetobacter sp. DNA group 15

Acinetobacter sp. DNA group 3

Acinetobacter sp. DNA group 6

Acinetobacter ursingii



Actinobacillus arthritidis

Actinobacillus equuli subsp. haemolyticus

Actinobacillus indolicus

Actinobacillus lignieresii

Actinobacillus minor

Actinobacillus pleuropneumoniae

Actinobacillus rossii

Actinobacillus seminis

Actinobacillus suis

Actinobaculum schaalii

Actinobaculum suis

Actinomadura sp.

Actinomyces denticolens

Actinomyces europaeus

Actinomyces gaevenitzii

Actinomyces georgiae

Actinomyces israeli

Actinomyces meyeri

Actinomyces naeslundii

Actinomyces neuii

Actinomyces neuii subsp. anitratus

Actinomyces odontolyticus

Actinomyces sp.

Actinomyces turicensis

Actinomyces viscosus

Actinoplanes deccanensis

Actinoplanes globisporus

Actinoplanes lobatus

Actinoplanes sp.

Advenella incenata

Aerococcus sp.

Aerococcus urinae

Aerococcus viridans

Aeromonas allosacchrophila

Aeromonas aquariorum

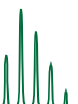
Aeromonas bestiarum

Aeromonas bivalvium

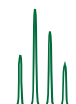
Aeromonas encheleia

Aeromonas eucrenophila

Aeromonas hydrophila



Aeromonas hydrophila subsp. dhakensis
Aeromonas hydrophila subsp. hydrophila
Aeromonas hydrophila subsp. ranae
Aeromonas hydrophila/caviae
Aeromonas media
Aeromonas molluscorum
Aeromonas popoffi
Aeromonas punctata subsp. caviae
Aeromonas punctata subsp. punctata
Aeromonas salmonicida
Aeromonas salmonicida subsp. achromogenes
Aeromonas salmonicida subsp. mosoucida
Aeromonas salmonicida subsp. pectinolytica
Aeromonas salmonicida subsp. salmonicida
Aeromonas salmonicida subsp. smithia
Aeromonas schubertii
Aeromonas sharmana
Aeromonas simiae
Aeromonas sobria
Aeromonas sobria/caviae
Aeromonas sp.
Aeromonas tecta
Aeromonas trota
Aeromonas veronii biovar sobria
Aeromonas veronii biovar veronii
Aggregatibacter actinomycetemcomitans
Aggregatibacter aphrophilus
Aggregatibacter sp.
Agrobacterium sp.
Agrobacterium tumefaciens
Agrococcus jenensis
Agromyces mediolanus
Alcaligenes faecalis
Alcaligenes faecalis subsp. faecalis
Alcaligenes sp.
Algoriphagus winogradskyi
Alloiococcus otitis
Alteromonas macleodii
Alteromonas sp.
Aminobacter sp.



Amycolatopsis alba

Amycolatopsis azurea

Amycolatopsis balhimycina

Amycolatopsis coloradensis

Amycolatopsis decaplanina

Amycolatopsis eurytherma

Amycolatopsis fastidiosa

Amycolatopsis japonica

Amycolatopsis kentuckyensis

Amycolatopsis keratiniphila

Amycolatopsis lexingtonensis

Amycolatopsis lurida

Amycolatopsis mediterranei

Amycolatopsis minnesotensis

Amycolatopsis orientalis

Amycolatopsis pretoriensis

Amycolatopsis sacchari

Amycolatopsis sulphurea

Amycolatopsis tolypomycina

Amycolatopsis vancoresmycina

Anaerococcus hydrogenalis

Anaerococcus lactolyticus

Anaerococcus lactolyticus/murdochii

Anaerococcus murdochii

Anaerococcus prevotii

Anaerococcus sp.

Anaerococcus tetradius

Anaerococcus vaginalis

Angiococcus disciformis

Antarctobacter heliothermus

Aquaspirillum dispar

Arcanobacterium bernardiae

Arcanobacterium bialowiezense

Arcanobacterium bonasi

Arcanobacterium haemolyticum

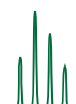
Arcanobacterium hippocoleae

Arcanobacterium pyogenes

Arcanobacterium sp.

Archangium sp.

Arcobacter butzleri



Arthrobacter agilis

Arthrobacter albus

Arthrobacter ardleyensis

Arthrobacter arilaitensis

Arthrobacter atrocyaneus

Arthrobacter aurescens

Arthrobacter bergerei

Arthrobacter castelli

Arthrobacter chlorophenolicus

Arthrobacter citreus

Arthrobacter creatinolyticus

Arthrobacter crystallopoietes

Arthrobacter cumminsii

Arthrobacter flavus

Arthrobacter gandavensis

Arthrobacter gangotriensis

Arthrobacter globiformis

Arthrobacter histidinovorans

Arthrobacter ilicis

Arthrobacter kerguelensis

Arthrobacter koreensis

Arthrobacter luteolus

Arthrobacter methylotrophus

Arthrobacter monumenti

Arthrobacter mysorens

Arthrobacter nasiphocae

Arthrobacter nicotianae

Arthrobacter nicotinovorans

Arthrobacter nitroguajacolicus

Arthrobacter oxydans

Arthrobacter parietis

Arthrobacter pascens

Arthrobacter pigmenti

Arthrobacter polychromogenes

Arthrobacter protophormiae

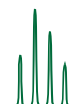
Arthrobacter psychrolactophilus

Arthrobacter psychrophenolicus

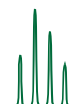
Arthrobacter ramosus

Arthrobacter rhombi

Arthrobacter roseus



Arthrobacter ruscicus
Arthrobacter scleromae
Arthrobacter sp.
Arthrobacter stackebrandtii
Arthrobacter sulfonivorans
Arthrobacter sulfureus
Arthrobacter tecti
Arthrobacter tumbae
Arthrobacter uratoxydans
Arthrobacter ureafaciens
Arthrobacter woluwensis
Atopobium parvulum
Avibacterium gallinarum
Bacillus amyloliquefaciens
Bacillus anthracis
Bacillus atrophaeus
Bacillus cereus
Bacillus cereus group
Bacillus circulans
Bacillus clausii
Bacillus coagulans
Bacillus firmus
Bacillus gibsonii
Bacillus globigii
Bacillus lentus
Bacillus licheniformis
Bacillus macroides
Bacillus megaterium
Bacillus muralis
Bacillus mycoides
Bacillus oleronius
Bacillus pasteurii
Bacillus pseudofirmus
Bacillus pseudomycooides
Bacillus psychrodurans
Bacillus pumilus
Bacillus silvestris
Bacillus sp.
Bacillus sphaericus
Bacillus subtilis



Bacillus subtilis subsp. *spizizenii*

Bacillus subtilis subsp. *subtilis*

Bacillus subtilis var. *niger*

Bacillus thuringiensis

Bacillus toyoi

Bacillus weihenstephanensis

Bacteroides *caccae*

Bacteroides capillosus

Bacteroides dorei

Bacteroides fragilis

Bacteroides intermedius

Bacteroides ovatus

Bacteroides sp.

Bacteroides stercoris

Bacteroides thetaiotaomicron

Bacteroides uniformis

Bacteroides ureolyticus

Bacteroides vulgatus

Bergeyella *zoohelcum*

Bifidobacterium *adolescentis*

Bifidobacterium angulatum

Bifidobacterium animalis

Bifidobacterium animalis subsp. *animalis*

Bifidobacterium animalis subsp. *lactis*

Bifidobacterium asteroides

Bifidobacterium bifidum

Bifidobacterium boum

Bifidobacterium breve

Bifidobacterium catenulatum

Bifidobacterium choerinum

Bifidobacterium coryneforme

Bifidobacterium cuniculi

Bifidobacterium dentium

Bifidobacterium gallicum

Bifidobacterium gallinarum

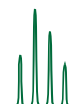
Bifidobacterium longum

Bifidobacterium magnum

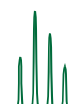
Bifidobacterium merycicum

Bifidobacterium minimum

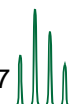
Bifidobacterium pseudocatenulatum



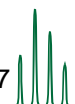
Bifidobacterium pseudolongum subsp. pseudolongum
Bifidobacterium pseudolongum subsp.globosum
Bifidobacterium pullorum
Bifidobacterium ruminantium
Bifidobacterium saeculare
Bifidobacterium scardovii
Bifidobacterium sp.
Bifidobacterium thermacidophilum subsp. porcinum
Bifidobacterium thermacidophilum subsp. thermacidophilum
Bifidobacterium thermophilum
Biophilia wadsworthia
Bordetella avium
Bordetella bronchiseptica
Bordetella hinzii
Bordetella holmesii
Bordetella parapertussis
Bordetella pertussis
Bordetella petrii
Bordetella sp.
Bordetella trematum
Bosea thiooxidans
Brachyspira aalborgi
Brachyspira hyodysenteriae
Brachyspira innocens
Brachyspira intermedia
Brachyspira murdochii
Brachyspira pilosicoli
Brevibacillus brevis
Brevibacillus parabrevis
Brevibacterium casei
Brevibacterium linens
Brevibacterium liquefaciens
Brevibacterium luteolum
Brevibacterium sp.
Brevundimonas bullata
Brevundimonas diminuta
Brevundimonas sp.
Brevundimonas vesicularis
Brucella abortus
Brucella canis



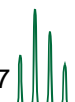
Brucella marine
Brucella maris
Brucella melitensis
Brucella neotomae
Brucella ovis
Brucella suis
Burkholderia ambifaria Genomovar VII
Burkholderia anthina Genomovar VIII
Burkholderia arboris
Burkholderia cenocepacia Genomovar III
Burkholderia cepacia Genomovar I
Burkholderia cepacia-Komplex
Burkholderia diffusa
Burkholderia dolosa Genomovar VI
Burkholderia fungorum
Burkholderia gladioli
Burkholderia latens
Burkholderia metallica
Burkholderia multivorans Genomovar II
Burkholderia pseudomallei
Burkholderia pyrrocinia Genomovar IX
Burkholderia seminalis
Burkholderia sp.
Burkholderia stabilis Genomovar IV
Burkholderia thailandensis
Burkholderia ubonensis
Burkholderia vietnamiensis Genomovar V
Buttiauxella agrestis
Campylobacter coli
Campylobacter fetus subsp. fetus
Campylobacter jejuni
Campylobacter lari
Campylobacter sp.
Capnocytophaga canimorsus
Capnocytophaga infantium
Capnocytophaga sp.
Capnocytophaga sputigena
Cardiobacterium hominis
Caulobacter leidyi
Cedecea neteri



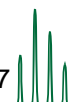
Cellulomonas uda
Cellulophaga fucicola
Cellulophaga sp.
Chlorobium clathratiforme
Chlorobium phaeobacteroides
Chromobacterium violaceum
Chryseobacterium daecheongense
Chryseobacterium defluvii
Chryseobacterium gleum
Chryseobacterium indologenes
Chryseobacterium meningosepticum
Chryseobacterium sp.
Chryseomonas luteola
Citrobacter amalonaticus
Citrobacter braakii
Citrobacter diversus
Citrobacter farmeri
Citrobacter freundii
Citrobacter koseri
Citrobacter rodentium
Citrobacter sp.
Citrobacter werkmanii
Citrobacter youngae
Clostridium baratii
Clostridium beijerinckii
Clostridium bifermentans
Clostridium botulinum
Clostridium butyricum
Clostridium cadaveris
Clostridium chauvoei
Clostridium difficile
Clostridium fallax
Clostridium glycolicum
Clostridium histolyticum
Clostridium limosum
Clostridium paraperfringens
Clostridium paraputrificum
Clostridium perfringens
Clostridium ramosum
Clostridium scatologenes



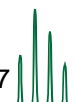
Clostridium septicum
Clostridium sordellii
Clostridium sp.
Clostridium spiroforme
Clostridium sporogenes
Clostridium tertium
Clostridium tetanomorphum
Coenonia anatina
Comamonas aquatica
Comamonas testosteroni
Corallococcus coralloides
Corallococcus exiguus
Corallococcus macrosporus
Corynebacterium accolens
Corynebacterium afermentans
Corynebacterium afermentans/coyleae
Corynebacterium amycolatum
Corynebacterium amycolatum/minutissimum
Corynebacterium auris
Corynebacterium diphtheriae
Corynebacterium durum
Corynebacterium freynei
Corynebacterium glucuronolyticum
Corynebacterium jeikeium
Corynebacterium kutscheri
Corynebacterium macginleyi
Corynebacterium matruchotii
Corynebacterium minutissimum
Corynebacterium mucifaciens
Corynebacterium pilosum
Corynebacterium propinquum
Corynebacterium pseudodiphtheriticum
Corynebacterium renale
Corynebacterium riegelii
Corynebacterium sp.
Corynebacterium striatum
Corynebacterium tuberculostearicum
Corynebacterium ulcerans
Corynebacterium xerosis
Coxiella burnetii



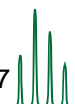
Cronobacter sakazakii
Cryobacterium psychrophilum
Cupriavidus pauculus
Cupriavidus respiraculi
Cyclobacterium sp.
Cystobacter fuscus
Cytophaga sp.
Cytophagales sp.
Deinococcus sp.
Delftia acidovorans
Delftia sp.
Dermabacter hominis
Dermacoccus nishinomiyaensis
Desulfocapsa sp.
Dichelobacter nodosus
Dietzia psychralcaliphilia
Dysgonomonas gadei
Eggerthella lenta
Eikenella corrodens
Eikenella sp.
Elizabethkingia meningoseptica
Elizabethkingia miricola
Empedobacter brevis
Enhydrobacter aerosaccus
Ensifer adhaerens
Enterobacter aerogenes
Enterobacter amnigenus
Enterobacter asburiae
Enterobacter cancerogenus
Enterobacter cloacae
Enterobacter cloacae subsp. dissolvens
Enterobacter cowanii
Enterobacter gergoviae
Enterobacter hormaechei/cloacae
Enterobacter sp.
Enterococcus avium
Enterococcus casseliflavus
Enterococcus cecorum
Enterococcus durans
Enterococcus faecalis



Enterococcus faecium
Enterococcus gallinarum
Enterococcus hirae
Enterococcus saccharolyticus
Enterococcus sp.
Erysipelothrix rhusiopathiae
Erythrobacter longus
Erythrobacter sp.
Escherichia albertii
Escherichia blattae
Escherichia coli
Escherichia coli var. haemolytica
Escherichia fergusonii
Escherichia hermannii
Escherichia sp.
Escherichia vulneris
Ewingella americana
Exiguobacterium acetylicum
Exiguobacterium aestuarii
Exiguobacterium sp.
Finegoldia magna
Flavobacterium mizutaii
Flavobacterium odoratum
Flavobacterium sp.
Flectobacillus sp.
Flexibacter sp.
Francisella philomiragia
Francisella philomiragia subsp. philomiragia
Francisella sp.
Francisella tularensis
Francisella tularensis subsp. holarctica
Francisella tularensis subsp. mediasiatrica
Francisella tularensis subsp. novicida
Francisella tularensis subsp. tularensis
Frigoribacterium sp.
Fulvimarina litoralis
Fusobacterium necrophorum
Fusobacterium nucleatum
Fusobacterium nucleatum subsp. nucleatum
Fusobacterium sp.



Fusobacterium varium
Gallibacterium anatis
Gardnerella vaginalis
Gelidibacter sp.
Gemella morbillorum
Gemella sp.
Geobacillus subterraneus
Geobacillus uzenensis
Glaciecocola mesophila
Glaciecocola sp.
Globicatella sanguinis
Gordonia sputi
Granulicatella adiacens
Grimontia hollisae
Haemophilus ducreyi
Haemophilus influenzae
Haemophilus parahaemolyticus
Haemophilus parainfluenzae
Haemophilus parasuis
Haemophilus segnis
Haemophilus sp.
Haemophilus
Hafnia alvei
Halomonas sp.
Halomonas variabilis
Halomonas venusta
Helicobacter pylori
Herbaspirillum huttiense
Histophilus somni
Hydrogenophaga palleronii
Hydrogenophaga sp.
Hyphomonas sp.
Ideonella sp.
Inquilinus limosus
Inquilinus sp.
Janthinobacterium agaricidamnosum
Janthinobacterium lividum
Kineosporia aurantiaca
Kingella denitrificans
Kingella kingae



Klebsiella oxytoca

Klebsiella pneumoniae

Klebsiella pneumoniae subsp. ozaenae

Klebsiella pneumoniae subsp. pneumoniae

Klebsiella sp.

Kluyvera ascorbata

Kluyvera cryocrescens

Kluyvera intermedia

Kluyvera sp.

Kocuria kristinae

Kocuria rhizophila

Kocuria sp.

Kutzneria sp.

Kytococcus sedentarius

Lactobacillus acidophilus

Lactobacillus alimentarius

Lactobacillus animalis

Lactobacillus brevis

Lactobacillus casei

Lactobacillus crispatus

Lactobacillus delbrueckii subsp. delbrueckii

Lactobacillus delbrueckii subsp. lactis

Lactobacillus fermentum

Lactobacillus gasseri

Lactobacillus iners

Lactobacillus ingluviei

Lactobacillus intestinalis

Lactobacillus jensenii

Lactobacillus johnsonii

Lactobacillus lindneri

Lactobacillus paracasei

Lactobacillus paracasei subsp. paracasei

Lactobacillus plantarum

Lactobacillus plantarum subsp. plantarum

Lactobacillus reuteri

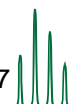
Lactobacillus rhamnosus

Lactobacillus salivarius

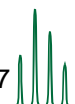
Lactobacillus sp.

Lactobacillus vaginalis

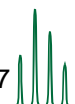
Lactococcus garvieae



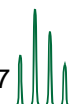
Lactococcus lactis
Lactococcus lactis subsp. cremoris
Lactococcus lactis subsp. lactis
Lactococcus planatarum
Lamprocystis purpurea
Lamprocystis sp.
Leclercia adecarboxylata
Leclercia sp.
Leeuwenhoekiella aequorea
Legionella anisa
Legionella birminghamensis
Legionella bozemanæ
Legionella cherrii
Legionella cincinnatiensis
Legionella dumoffii
Legionella erythra
Legionella feeleii
Legionella gormanii
Legionella hackeliae
Legionella israelensis
Legionella jamestowniensis
Legionella jordanis
Legionella lansingensis
Legionella longbeachae
Legionella maceachernii
Legionella micdadei
Legionella oakridgensis
Legionella parisiensis
Legionella pneumophila
Legionella pneumophila subsp. fraseri
Legionella pneumophila subsp. pascullei
Legionella pneumophila subsp. pneumophila
Legionella rubrilucens
Legionella sainthelensi
Legionella sp.
Legionella steigerwaltii
Legionella taurinensis
Legionella wadsworthii
Leifsonia aquatica
Leifsonia xyli



Leptospira sp.
Leptothrix ginsengisoli
Leptothrix mobilis
Leptotrichia buccalis
Leuconostoc citreum
Leuconostoc mesenteroides
Leuconostoc mesenteroides subsp. mesenteroides
Leuconostoc pseudomesenteroides
Leuconostoc sp.
Listeria grayi
Listeria innocua
Listeria ivanovii
Listeria ivanovii subsp. ivanovii
Listeria ivanovii subsp. londoniensis
Listeria monocytogenes
Listeria seeligeri
Listeria welshimeri
Loktanella salsilacus
Loktanella sp.
Lysobacter sp.
Mannheimia granulomatis
Mannheimia haemolytica
Mannheimia varigena
Maribacter aquivivus
Maribacter ulvicola
Marinobacter hydrocarbonoclastica
Marinobacter sp.
Marinococcus halophilus
Mesorhizobium sp.
Methylarcula sp.
Methylobacterium chloromethanicum
Methylobacterium extorquens
Methylobacterium fujisawaense
Methylobacterium mesophilicum
Methylobacterium radiotolerans
Methylobacterium sp.
Microbacterium aerolatum
Microbacterium arborescens
Microbacterium aurum
Microbacterium dextranolyticum



Microbacterium flavescens
Microbacterium foliorum
Microbacterium halotolerans
Microbacterium hydrocarbonoxydans
Microbacterium keratanolyticum
Microbacterium ketosireducens
Microbacterium koreense
Microbacterium lacticum
Microbacterium laevaniformans
Microbacterium luteolum
Microbacterium natoriense
Microbacterium oleivorans
Microbacterium oxydans
Microbacterium phyllosphaerae
Microbacterium resistens
Microbacterium schleiferi
Microbacterium sp.
Microbacterium terrae
Microbacterium terregens
Microbacterium testaceum
Microbacterium thalassium
Micrococcus luteus
Micrococcus sp.
Micromonospora aurantiaca
Micromonospora brunnea
Micromonospora carbonacea
Micromonospora chalcea
Micromonospora chersina
Micromonospora citrea
Micromonospora coerulea
Micromonospora echinoaurantiaca
Micromonospora echinobrunnea
Micromonospora echinospora
Micromonospora fulovoviridis
Micromonospora inyoensis
Micromonospora peucetica
Micromonospora rosaria
Micromonospora sagamiensis
Micromonospora sp.
Micromonospora viridifaciens



Mitsuaria chitosanitabida

Mobiluncus curtisii

Mobiluncus sp.

Moellerella wisconsensis

Moraxella atlantae

Moraxella bovis

Moraxella catarrhalis

Moraxella caviae

Moraxella osloensis

Moraxella sp.

Morganella morganii

Morganella morganii subsp. sibonii

Morganella sp.

Mycobacterium abscessus

Mycobacterium avium

Mycobacterium avium subsp. avium

Mycobacterium avium subsp. hominissuis

Mycobacterium avium subsp. paratuberculosis

Mycobacterium bohemicum

Mycobacterium bovis

Mycobacterium branderi

Mycobacterium brumae

Mycobacterium chelonae

Mycobacterium chimaera

Mycobacterium chitae

Mycobacterium chubuense

Mycobacterium confluentis

Mycobacterium cosmeticum

Mycobacterium elephantis

Mycobacterium farcinogenes

Mycobacterium fortuitum

Mycobacterium fortuitum subsp. fortuitum

Mycobacterium gastri

Mycobacterium gordonae

Mycobacterium haemophilum

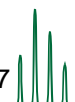
Mycobacterium intermedium

Mycobacterium intracellulare

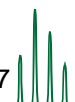
Mycobacterium kansasii

Mycobacterium malmoense

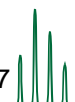
Mycobacterium marinum



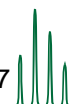
Mycobacterium moriokaense
Mycobacterium nonchromogenes
Mycobacterium peregrinum
Mycobacterium phlei
Mycobacterium scrofulaceum
Mycobacterium septicum/peregrinum
Mycobacterium silvaticum
Mycobacterium simiae
Mycobacterium smegmatis
Mycobacterium sp.
Mycobacterium szulgai
Mycobacterium terrae
Mycobacterium tuberculosis
Mycobacterium vaccae
Mycobacterium xenopi
Mycoplasma bovis
Mycoplasma hominis
Mycoplasma sp.
Myroides odoratimimus
Myxococcus sp.
Myxococcus xanthus
Neisseria cinerea
Neisseria elongata
Neisseria gonorrhoeae
Neisseria lactamica
Neisseria meningitidis
Neisseria sp.
Neisseria subflava
Nocardia abscessus
Nocardia asiatica
Nocardia asteroides
Nocardia brasiliensis
Nocardia brevicatena
Nocardia cyriacigeorgica
Nocardia farcinica
Nocardia ignorata
Nocardia nova
Nocardia otitidiscaviarum
Nocardia paucivorans
Nocardia pneumoniae



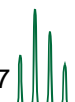
Nocardia pseudobrasiliensis
Nocardia sp.
Nocardia transvalensis
Nocardia veterana
Nocardioides sp.
Nocardiopsis composta
Nocardiopsis halophila
Nocardiopsis sp.
Novosphingobium subarctica
Oceanospirillum sp.
Ochrobactrum anthropi
Ochrobactrum anthropi/tritici
Ochrobactrum sp.
Oerskovia turbata
Oligella urethralis
Ornithobacterium rhinotracheale
Oxalobacter sp.
Paenibacillus larvae
Paenibacillus macerans
Paenibacillus polymyxa
Paenibacillus sp.
Paenibacillus turicensis
Pandoraea apista
Pandoraea pnomenusa
Pandoraea pulmonicola
Pandoraea sputorum
Pantoea agglomerans
Pantoea sp.
Parabacteroides distasonis
Parabacteroides merdae
Paracoccus yeerii
Paracoccus zeaxanthinifaciens
Parvimonas micra
Pasteurella caballi
Pasteurella canis
Pasteurella dagmatis
Pasteurella magnus
Pasteurella mairii
Pasteurella multocida
Pasteurella multocida subsp. multocida



Pasteurella pneumotropica
Pasteurella sp.
Pasteurella testudinis
Pasteurella trehalosi
Pectobacterium carotovorum subsp. carotovorum
Pediococcus pentosaceus
Pedobacter sp.
Pedomicrobium australicum
Pelistega europaea
Peptococcus niger
Peptoniphilus asaccharolyticus
Peptoniphilus gorbachii
Peptoniphilus harei
Peptoniphilus indolicus
Peptoniphilus ivorii
Peptoniphilus lacrimalis
Peptoniphilus olsenii
Peptoniphilus sp.
Peptostreptococcus anaerobius
Peptostreptococcus octavius
Peptostreptococcus sp.
Phenylobacterium sp
Photorhabdus luminescens subsp. akhurstii
Photorhabdus luminescens subsp. kayaii
Planococcus southpolaris
Plesiomonas shigelloides
Polaribacter irgensii
Porphyromonas asaccharolytica
Porphyromonas endodontalis
Porphyromonas gingivalis
Porphyromonas propionicum
Pragia fontium
Prevotella bivia
Prevotella buccae
Prevotella denticola
Prevotella disiens
Prevotella intermedia
Prevotella loescheii
Prevotella melaninogenica
Prevotella oralis



Prevotella sp.
Prevotella zoogloformans
Propionibacterium acnes
Propionibacterium granulosum
Propionibacterium propionicum
Propionibacterium sp.
Proteus mirabilis
Proteus penneri
Proteus sp.
Proteus vulgaris
Providencia alcalifaciens
Providencia rettgeri
Providencia sp.
Providencia stuartii
Pseudoalteromonas antarctica
Pseudoalteromonas carrageenovora
Pseudoalteromonas citrea
Pseudoalteromonas elyakovii
Pseudoalteromonas haloplanktis
Pseudoalteromonas sp.
Pseudomonas aeruginosa
Pseudomonas alcaligenes
Pseudomonas chloritidismutans
Pseudomonas chlororaphis
Pseudomonas fluorescens
Pseudomonas grimontii
Pseudomonas lini
Pseudomonas luteola
Pseudomonas mendocina
Pseudomonas migulae
Pseudomonas oryzihabitans
Pseudomonas pictorum
Pseudomonas pseudoalcaligenes
Pseudomonas putida
Pseudomonas sp.
Pseudomonas stutzeri
Pseudomonas teessidea
Pseudomonas tolaasii
Pseudomonas veronii
Pseudomonas viridiflava



Pseudoxanthomonas broegbernensis

Pseudoxanthomonas daejeonensis

Pseudoxanthomonas japonensis

Pseudoxanthomonas kalamensis

Pseudoxanthomonas kaohsiungensis

Pseudoxanthomonas koreensis

Pseudoxanthomonas mexicana

Pseudoxanthomonas spadix

Pseudoxanthomonas taiwanensis

Psychrobacter frigidicola

Psychrobacter glacincola

Psychrobacter phenylpyruvicus

Psychrobacter sp.

Psychroserpens sp.

Rahnella aquatilis

Ralstonia gilardii

Ralstonia insidiosa

Ralstonia mannitolilytica

Ralstonia panila

Ralstonia pickettii

Ralstonia sp.

Raoultella ornithinolytica

Raoultella planticola

Raoultella terrigena

Rheinheimera baltica

Rheinheimera chironomi

Rheinheimera texasensis

Rhizobium radiobacter

Rhodobacter massiliensis

Rhodobacter sp.

Rhodococcus equi

Rhodococcus erythropolis

Rhodococcus sp.

Riemerella anatipestifer

Riemerella columbina

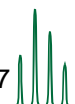
Riemerella sp.

Roseobacter sp.

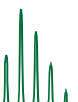
Roseovarius sp.

Rothia dentocariosa

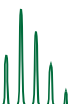
Rothia mucilaginoso



Rothia/**Kokuria** sp.
Ruegeria atlantica
Ruminococcus gnavus
Salinibacterium amurskyense
Salmonella bongori
Salmonella enterica subsp. arizonae
Salmonella enterica subsp. bongori
Salmonella enterica subsp. diarizonae
Salmonella enterica subsp. enterica
Salmonella enterica subsp. houtenae
Salmonella enterica subsp. indica
Salmonella enterica subsp. salamae
Salmonella sp.
Serratia ficaria
Serratia grimesii
Serratia liquefaciens
Serratia marcescens
Serratia odorifera
Serratia plymuthica
Serratia rubidaea
Serratia sp.
Shewanella putrefaciens
Shigella boydii
Shigella dysenteriae
Shigella flexneri
Shigella sonnei
Shigella sp.
Skermanella sp.
Sphaerotilus sp.
Sphingobacterium multivorum
Sphingobacterium sp.
Sphingobacterium spiritivorum
Sphingobium yanoikuyae
Sphingomonas adhaesiva
Sphingomonas koreensis
Sphingomonas parapaucimobilis
Sphingomonas paucimobilis
Sphingomonas sp.
Sphingopyxis flavimaris
Sporosarcina macmurdoensis



Staleyia guttiformis
Staphylococcus arlettae
Staphylococcus aureus
Staphylococcus aureus
Staphylococcus aureus subsp. aureus
Staphylococcus auricularis
Staphylococcus capitis
Staphylococcus capitis subsp. capitis
Staphylococcus capitis subsp. ureolyticus
Staphylococcus caprae
Staphylococcus carnosus subsp. carnosus
Staphylococcus carnosus subsp. utilis
Staphylococcus chromogenes
Staphylococcus cohnii
Staphylococcus cohnii subsp. cohnii
Staphylococcus cohnii subsp. urealyticus
Staphylococcus croceolyticus
Staphylococcus delphini
Staphylococcus epidermidis
Staphylococcus equorum
Staphylococcus equorum subsp. equorum
Staphylococcus equorum subsp. linens
Staphylococcus felis
Staphylococcus gallinarum
Staphylococcus haemolyticus
Staphylococcus hominis
Staphylococcus hyicus
Staphylococcus intermedius
Staphylococcus kloosii
Staphylococcus lentus
Staphylococcus lugdunensis
Staphylococcus lutrae
Staphylococcus pasteurii
Staphylococcus pettenkoferi
Staphylococcus saprophyticus
Staphylococcus saprophyticus subsp. saprophyticus
Staphylococcus schleiferi
Staphylococcus schleiferi subsp. coagulans
Staphylococcus schleiferi subsp. schleiferi
Staphylococcus sciuri



Staphylococcus sciuri subsp. *carhaticus*

Staphylococcus sciuri subsp. *rodentium*

Staphylococcus sciuri subsp. *sciuri*

Staphylococcus simulans

Staphylococcus sp.

Staphylococcus vitulinus

Staphylococcus warneri

Staphylococcus xylosus

Stenotrophomonas *acidaminophilia*

Stenotrophomonas africana

Stenotrophomonas chelatiphaga

Stenotrophomonas dokdonensis

Stenotrophomonas humi

Stenotrophomonas koreensis

Stenotrophomonas maltophilia

Stenotrophomonas nitritireducense

Stenotrophomonas rhizophila

Stenotrophomonas sp.

Stenotrophomonas terrae

Streptococcus *acidominimus*

Streptococcus agalactiae

Streptococcus alactolyticus

Streptococcus anginosus

Streptococcus anginosus_milleri_group

Streptococcus australis

Streptococcus bovis

Streptococcus bovis/galloyticus

Streptococcus canis

Streptococcus constellatus

Streptococcus constellatus subsp. *constellatus*

Streptococcus constellatus subsp. *pharyngis*

Streptococcus cristatus

Streptococcus didelphis

Streptococcus downei

Streptococcus dysgalactiae

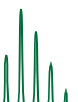
Streptococcus dysgalactiae subsp. *dysgalactiae*

Streptococcus dysgalactiae subsp. *equisimilis*

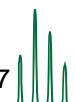
Streptococcus entericus

Streptococcus equi subsp. *equi*

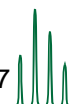
Streptococcus equi subsp. *ruminatorum*



Streptococcus equi subsp. zooepidemicus
Streptococcus gallinaceus
Streptococcus gallolyticus
Streptococcus gallolyticus subsp. gallolyticus
Streptococcus gordonii
Streptococcus hyointestinalis
Streptococcus hyovaginalis
Streptococcus infantis
Streptococcus intermedius
Streptococcus lutetiensis
Streptococcus marimammalium
Streptococcus massiliensis
Streptococcus mitis
Streptococcus mutans
Streptococcus oligofermentans
Streptococcus oralis
Streptococcus orisratti
Streptococcus parasanguinis
Streptococcus parauberis
Streptococcus pasteurianus
Streptococcus peroris
Streptococcus phocae
Streptococcus pluranimalium
Streptococcus pneumoniae
Streptococcus porcinus
Streptococcus pseudopneumoniae
Streptococcus pyogenes
Streptococcus salivarius
Streptococcus sanguinis
Streptococcus sinensis
Streptococcus sp.
Streptococcus sp. viridans group
Streptococcus suis
Streptococcus thermophilus
Streptococcus thoraltensis
Streptococcus uberis
Streptococcus vestibularis
Streptomyces bobili
Streptomyces coelicolor
Streptomyces galbus



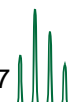
Streptomyces griseus subsp. griseus
Streptomyces sp.
Streptomyces tanashinensis
Streptomyces viridochromogenes
Streptosporangium amethystogenes
Streptosporangium fragile
Streptosporangium roseum
Streptosporangium vulgare
Sulfitobacter sp.
Tanella salinilacus
Taylorella equigenitalis
Terrabacter sp.
Thiocystis sp.
Tsukamurella paurometabola
Tsukamurella sp.
Tsukamurella tyrosinosolvens
Turicella otitidis
Vagococcus fluvialis
Variovorax paradoxus
Veillonella atypica
Veillonella sp.
Vibrio alginolyticus
Vibrio anguillarum
Vibrio avarrensis
Vibrio campbellii
Vibrio carchariae
Vibrio cholerae
Vibrio cincinatiensis
Vibrio damsela
Vibrio fluvialis
Vibrio furnissii
Vibrio logei
Vibrio metschnikovii
Vibrio mimicus
Vibrio natriegens
Vibrio navarrensis
Vibrio parahaemolyticus
Vibrio proteolyticus
Vibrio sp.
Vibrio splendidus



Vibrio vulnificus
Wautersiella falsenii
Weeksella virosa
Weissella viridescens
Xanthomonas sp.
Xenorhabdus beddingii
Xenorhabdus bovienii
Xenorhabdus budapestensis
Xenorhabdus ehlersii
Xenorhabdus innexi
Xenorhabdus japonica
Xenorhabdus nematophila
Xenorhabdus poinarii
Xenorhabdus sp.
Xenorhabdus szentirmaii
Yersinia aldovae
Yersinia enterocolitica
Yersinia frederiksenii
Yersinia intermedia
Yersinia kristensenii
Yersinia mollaretii
Yersinia pestis
Yersinia pseudotuberculosis
Yersinia ruckeri
Yersinia sp.
Zobellia amurskyensis
Zobellia russellii

Mycota and Yeasts

Absidia corymbifera
Acremonium curvulum
Acremonium murorum
Acremonium recifei
Acremonium sp.
Acremonium strictum
Alternaria alternata
Alternaria sp.
Amanita phalloides
Antrodia serialis



Antrodia sinuosa

Antrodia vaillantii

Antrodia xantha

Arthroderma benhamiae

Arthroderma fulvum

Arthroderma gypseum

Arthroderma incurvatum

Arthroderma persicolor

Arthroderma uncinatum

Arthroderma vanbreuseghemii

Arthrographis kalrae

Aspergillus aculeatus

Aspergillus brasiliensis

Aspergillus candidus

Aspergillus carbonarius

Aspergillus ellipticus

Aspergillus flavus

Aspergillus fumigatus

Aspergillus ibericus

Aspergillus japonicus

Aspergillus laticoffeatus

Aspergillus niger

Aspergillus ochraceus

Aspergillus parasiticus

Aspergillus phoenicis

Aspergillus restrictus

Aspergillus sclerotioniger

Aspergillus sp.

Aspergillus sydowii

Aspergillus tamaris

Aspergillus terreus

Aspergillus thermomutatus

Aspergillus tubingensis

Aspergillus vadensis

Aspergillus versicolor

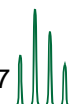
Aureobasidium pullulans

Aureobasidium pullulans var. pullulans

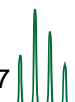
Beauveria sp.

Candida aaseri

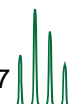
Candida africana



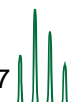
Candida albicans
Candida boidinii
Candida bombicala
Candida bracarensis
Candida cariosilignicola
Candida catenulata
Candida colliculosa
Candida cylindracea
Candida dubliniensis
Candida famata
Candida glabrata
Candida haemulonii
Candida inconspicua
Candida intermedia
Candida kefyr/sphaerica
Candida lusitaniae
Candida magnolia
Candida maltosa
Candida nivariensis
Candida norvegica
Candida parapsilosis
Candida pararugosa
Candida pelliculosa
Candida pulcherrima
Candida rugosa
Candida sake
Candida sp.
Candida tropicalis
Candida utilis
Chaetomium globosum
Chrysosporium keratinophilum
Cladosporium cladosporioides
Cladosporium sp.
Cladosporium sphaerospermum
Colletotrichum gloeosporioides
Coniophora arida
Coniophora marmorata
Coniophora olivacea
Coniophora puteana
Cryphonectria parasitica



Cryptococcus laurentii
Cryptococcus neoformans
Debaryomyces hansenii
Debaryomyces polymorphus
Debaryomyces sp.
Diplomitoporus lindbladii
Donkioporia expansa
Drechslera erythrospila
Emericella nidulans
Emericellopsis donezkii
Epicoccum nigrum
Epidermophyton floccosum
Exophiala dermatitidis
Exophiala jeanselmei
Exophiala lecanii-corni
Exophiala sp.
Fennellia flavipes
Fennellia nivea
Fusarium dimerum
Fusarium graminearum
Fusarium nygamai
Fusarium oxysporum
Fusarium oxysporum subsp. aechmeae
Fusarium oxysporum subsp. cyclaminis
Fusarium proliferatum
Fusarium proliferatum var. minus
Fusarium scirpi
Fusarium solani
Fusarium sp.
Fusarium verticillioides
Geotrichum candidum
Geotrichum capitatum
Gloeophyllum abietinum
Gloeophyllum sepiarium
Gloeophyllum trabeum
Hypocrea jecorina
Hypocrea sp.
Issatchenkia occidentalis
Issatchenkia orientalis
Kabatiella microsticta



Kluyveromyces marxianus
Kluyveromyces marxianus var. marxianus
Leucogyrophana mollusca
Leucogyrophana pinastri
Lodderomyces elongisporus
Malassezia pachydermatis
Meruliporia incrassata
Metschnikowia pulcherrima
Microsporum audouinii
Microsporum canis
Microsporum cookei
Microsporum fulvum
Microsporum gypseum
Microsporum persicolor
Microsporum praecox
Microsporum racemosum
Microsporum sp.
Microsporum vanbreuseghemii
Monascus pilosus/ruber
Monascus purpureus
Monilia brunnea
Monilia sp.
Mucor plumbeus
Mucor sp.
Mycogone rosea
Mycotypha microspora
Myriodontium keratinophilum
Neofabraea perennans
Oligoporus placenta
Paecilomyces lilacinus
Paecilomyces sp.
Paecilomyces variotii
Penicillium brevicompactum
Penicillium chrysogenum
Penicillium expansum
Penicillium griseofulvum
Penicillium italicum
Penicillium purpurogenum
Penicillium rugulosum
Penicillium sp.



Phoma exigua var. exigua

Phoma glomerata

Pichia anomala

Pichia cactophila

Pichia ciferrii

Pichia fabianii

Pichia farinosa

Pichia fermentans

Pichia guilliermondii

Pichia membranaefaciens

Pichia norvegensis

Pichia sp.

Pseudallescheria anagosta/boydii Komplex

Pseudallescheria boydii

Rhizomucor pusillus

Rhizomucor sp.

Rhizopus microsporus

Rhizopus microsporus var. rhizopodiformis

Rhizopus sp.

Rhodotorula glutinis

Rhodotorula glutinis var. glutinis

Rhodotorula minuta

Rhodotorula mucilaginoso

Rhodotorula sp.

Saccharomyces cerevisiae

Saccharomyces pastorianus

Scedosporium apiospermum

Schizophyllum commune

Scopulariopsis acremonium

Scopulariopsis brevicaulis

Selenophoma mahoniae

Sepedonium ampullosporium

Sepedonium chalcipori

Sepedonium chlorium

Sepedonium chrysospermum

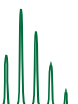
Sepedonium levigatum

Sepedonium sp.

Serpula himantioides

Serpula lacrymans

Simplicillium sp.



Sporothrix schenkii
Stephanoascus ciferii
Stephanoascus farinosus
Stephanoascus smithiae
Syncephalastrum racemosum
Tolypocladium inflatum
Trichoderma asperellum
Trichoderma atroviride
Trichoderma brevicompactum
Trichoderma cf. brevicompactum
Trichoderma harzianum
Trichoderma reesei
Trichoderma sp.
Trichoderma virens
Trichophyton balcaneum
Trichophyton eboreum
Trichophyton equinum
Trichophyton interdigitale
Trichophyton mentagrophytes
Trichophyton rubrum
Trichophyton rubrum var. raubitschekii
Trichophyton schoenleinii
Trichophyton soudanense
Trichophyton sp.
Trichophyton terrestre
Trichophyton thuringiense
Trichophyton tonsurans
Trichophyton verrucosum
Trichophyton verrucosum var. ochraceum
Trichophyton violaceum
Trichosporon asahii
Trichosporon capitatum
Trichosporon cutaneum
Trichosporon deburmannianum
Trichosporon inkin
Trichosporon mucoides
Trichosporon sp.
Yarrowia lipolytica
Zygosaccharomyces sp.

