

## Aerobic Bacteria Library

TSBA (Environmental) Version 4.0

April 2001

Acetobacter aceti	Alcaligenes faecalis*	Bacillus dipsosauri**
Acetobacter liquefaciens*	Alcaligenes latus	Bacillus ehimensis**
Acetobacter pasteurianus	Alcaligenes piechaudii*	Bacillus epiphytus^
Acidovorax avenae avenae*	Alcaligenes xylosoxydans denitrificans*	Bacillus fastidiosus
Acidovorax avenae cattleyae*	Alcaligenes xylosoxydans xylosoxydans	Bacillus filicolonicus^
Acidovorax avenae citrulli*	Alicyclobacillus acidocaldarius	Bacillus firmus*
Acidovorax delafieldii*	Amycolatopsis mediterranei	Bacillus flexus**
Acidovorax facilis*	Amycolatopsis orientalis*	Bacillus freudenreichii^
Acidovorax konjaci*	Amycolatopsis rugosa*	Bacillus fusiformis**
Acinetobacter baumannii	Ancyclobacter aquaticus	Bacillus gibsonii**
Acinetobacter calcoaceticus	Aneurinibacillus a neurinolyticus*	Bacillus globisporus*
Acinetobacter genospecies 3	Aquaspirillum autotrophicum	Bacillus halmapalus**
Acinetobacter genospecies 9	Arcanobacterium haemolyticum*	Bacillus halodenitrificans**
Acinetobacter haemolyticus	Arthrobacter agilis	Bacillus horikoshii**
Acinetobacter johnsonii	Arthrobacter atrocyaneus	Bacillus insolitus
Acinetobacter junii	Arthrobacter aurescens	Bacillus kaustophilus**
Acinetobacter lwoffii*	Arthrobacter citreus*	Bacillus laevolacticus*
Acinetobacter radioresistens	Arthrobacter crystallopoietes*	Bacillus lentimorbus**
Actinobacillus lignieresii*	Arthrobacter globiformis*	Bacillus lentus*
Actinobacillus suis*	Arthrobacter histidinolovorans	Bacillus licheniformis*
Actinobacillus ureae	Arthrobacter ilicis	Bacillus longisporus^
Actinomadura cremea*	Arthrobacter mysorens	Bacillus macroides^
Actinomadura libanotica	Arthrobacter nicotianae	Bacillus marinus*
Actinomadura madurae	Arthrobacter oxydans*	Bacillus megaterium GC subgroup A, B
Actinomadura oligospora	Arthrobacter pascens	Bacillus mycoides GC subgroup A, B*
Actinomadura viridis	Arthrobacter protophormiae/ramosus*	Bacillus niacini**
Actinomadura yumaensis*	Arthrobacter uratoxydans	Bacillus oleronius**
Actinosynnema mirum*	Arthrobacter ureafaciens	Bacillus pasteurii*
Actinosynnema pretiosum auranticum	Azospirillum brasilense	Bacillus popilliae
Aerococcus viridans	Azotobacter vinelandii	Bacillus psychrophilus*
Aeromonas caviae		Bacillus psychrosaccharolyticus**
Aeromonas hydrophila*	Bacillus alcalophilus	Bacillus pumilus GC subgroup A, B*
Aeromonas ichthiosmia	Bacillus aminovorans^	Bacillus racemilactis^
Aeromonas salmonicida achromogenes	Bacillus amyloliquefaciens*	Bacillus simplex**
Aeromonas salmonicida masoucida	Bacillus azotoformans*	Bacillus smithii**
Aeromonas salmonicida salmonicida	Bacillus badius*	Bacillus sphaericus*
Aeromonas schubertii	Bacillus cereus GC subgroup A*, B**	Bacillus sphaericus GC subgroup I, IIA, IIB, III, IV*, V
Aeromonas sobria	Bacillus chitinosporus^	Bacillus stearothermophilus
Aeromonas trota*	Bacillus circulans*	Bacillus subtilis*
Aeromonas veronii*	Bacillus cirroflagellosus^	Bacillus thermocatenulatus**
Agrobacterium radiobacter	Bacillus coagulans*	Bacillus thermoglucosidasius**
Agrobacterium rubi	Bacillus cohnii**	

\*Change to existing entry

\*\* New entry

^ Not an approved name

## Aerobic Bacteria Library, continued

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Bacillus thermosphaericus**	Cedecea davisae	Corynebacterium glutamicum
Bacillus thuringiensis aizawai sv.**	Cedecea lapagei*	Corynebacterium hoagii*
Bacillus thuringiensis canadensis sv.**	Cedecea neteri	Corynebacterium kutscheri*
Bacillus thuringiensis dendrolimus sv.**	Cellulomonas biazotea	Corynebacterium mediolanum^
Bacillus thuringiensis entomocidus sv.**	Cellulomonas cartae*	Corynebacterium pilosum
Bacillus thuringiensis gallieriae sv. **	Cellulomonas cellasea*	Corynebacterium pseudodiphtheriticum*
Bacillus thuringiensis israelensis**	Cellulomonas cellulans*	Corynebacterium pseudotuberculosis*
Bacillus thuringiensis kenyae sv.**	Cellulomonas fimi*	Corynebacterium renale
Bacillus thuringiensis kurstaki**	Cellulomonas flavigena*	Corynebacterium seminale**
Bacillus thuringiensis sotto sv.**	Cellulomonas gelida	Corynebacterium striatum*
Bergeyella zoohelcum*	Cellulomonas hominis**	Corynebacterium variabilis*
Bordetella avium*	Cellulomonas turbata*	Corynebacterium vitarumen**
Bordetella bronchiseptica*	Cellulomonas uda*	Corynebacterium xerosis*
Bordetella parapertussis*	Chromobacterium violaceum	Curtobacterium citreum
Bradyrhizobium japonicum GC subgroup A, B	Chryseobacterium balustinum*	Curtobacterium flaccumfaciens betae
Brevibacillus agri**	Chryseobacterium indologenes*	Curtobacterium flaccumfaciens flaccumfaciens*
Brevibacillus brevis*	Chryseobacterium indoltheticum	Curtobacterium flaccumfaciens oortii
Brevibacillus centrosporus**	Chryseobacterium meningosepticum	Curtobacterium flaccumfaciens poinsettiae
Brevibacillus laterosporus*	Chryseomonas luteola	Curtobacterium luteum*
Brevibacterium casei	Citrobacter amalonaticus*	Curtobacterium pusillum*
Brevibacterium epidermidis*	Citrobacter freundii*	Cytophaga uliginosa*
Brevibacterium helvolum^	Citrobacter koseri**	
Brevibacterium iodinum*	Clavibacter michiganense insidiosum	Dactylosporangium fulvum
Brevibacterium linens*	Clavibacter michiganense michiganense	Dactylosporangium roseum
Brevibacterium lyticum*	Clavibacter michiganense nebraskense*	Deinococcus erythromyxa*
Brevibacterium mcbrellneri**	Clavibacter michiganense sepedonicum*	Deinococcus proteolyticus*
Brevibacterium stationis*	Clavibacter michiganense tessellarius*	Deinococcus radiodurans*
Brevundimonas diminuta*	Colwellia psychroerythrus	Deinococcus radiophilus*
Brevundimonas vesicularis*	Comamonas acidovorans*	Deinococcus radiopugnans*
Brochothrix campestris	Comamonas terrigena	Dermabacter hominus
Brochothrix thermosphacta	Comamonas testosteroni*	Dermacoccus nishinomiyaensis*
Burkholderia andropogonis	Corynebacterium afermentans afermentans**	Dietzia maris
Burkholderia caryophylli	Corynebacterium ammoniagenes*	
Burkholderia cepacia GC subgroup A*, B*, C**	Corynebacterium amycolatum**	Edwardsiella hoshinae*
Burkholderia cocovenenans	Corynebacterium aquaticum^	Edwardsiella ictaluri
Burkholderia gladioli GC subgroup A*, B*	Corynebacterium bovis	Edwardsiella tarda*
Burkholderia glathei**	Corynebacterium callunae GC subgroup A, B	Empedobacter brevis*
Burkholderia pyrrocinia**	Corynebacterium coyleae**	Enterobacter aerogenes*
	Corynebacterium cystitidis	Enterobacter agglomerans GC subgroup I*, II*, III*, IV*
Cardiobacterium hominis	Corynebacterium dioxydans**^	Enterobacter amnigenus
Carnobacterium divergens	Corynebacterium diphtheriae*	Enterobacter asburiae
Carnobacterium piscicola	Corynebacterium flavescens**	Enterobacter cancerogenus**

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## Aerobic Bacteria Library, continued

TSBA (Environmental) Version 4.0

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Enterobacter cloacae*	Gluconobacter asaii*	Lactobacillus brevis
Enterobacter gergoviae*	Gluconobacter cerinus*	Lactobacillus buchneri
Enterobacter hormaechei**	Gluconobacter oxydans*	Lactobacillus carnis
Enterobacter intermedius*	Gordona aichiensis	Lactobacillus casei
Enterobacter pyrinus**	Gordona amarae*	Lactobacillus catenaformis
Enterobacter sakazakii*	Gordona bronchialis	Lactobacillus cellobiosus
Enterococcus avium	Gordona rubropertinctus*	Lactobacillus collinoides
Enterococcus casseliflavus	Gordona sputi*	Lactobacillus coryniformis coryniformis
Enterococcus cecorum	Gordona terrae	Lactobacillus coryniformis torquens
Enterococcus durans		Lactobacillus curvatus
Enterococcus faecalis GC subgroup A*, B*, C*, D**	Haemophilus influenzae	Lactobacillus delbrueckii bulgaricus
Enterococcus faecium GC subgroup A*, B*, C*	Haemophilus parainfluenzae	Lactobacillus delbrueckii delbrueckii
Enterococcus gallinarum	Hafnia alvei*	Lactobacillus delbrueckii lactis
Enterococcus hirae*	Hydrogenophaga flava	Lactobacillus farciminis
Enterococcus malodoratus*	Hydrogenophaga palleronii*	Lactobacillus fermentum GC subgroup A, B
Enterococcus mundtii*	Hydrogenophaga pseudoflava*	Lactobacillus fructivorans
Enterococcus pseudoavium	Hydrogenophaga taeniospiralis	Lactobacillus fructosus
Enterococcus raffinosus		Lactobacillus gasserii
Enterococcus solitarius*	Janthinobacterium lividum	Lactobacillus helveticus*
Erwinia amylovora	Jonesia denitrificans	Lactobacillus hilgardii
Erwinia carotovora atroseptica		Lactobacillus jensenii
Erwinia carotovora carotovora	Kingella kingae*	Lactobacillus kefir GC subgroup A, B
Erwinia chrysanthemi biotype I, II, III, IV, V, VI	Klebsiella oxytoca GC subgroup A*, B**	Lactobacillus malefermentans
Erwinia quercina	Klebsiella planticola*	Lactobacillus mali
Erwinia rhapontici	Klebsiella pneumoniae ozaenae*	Lactobacillus maltaromicus
Escherichia blattae*	Klebsiella pneumoniae pneumoniae	Lactobacillus oris
Escherichia coli 0157	Klebsiella pneumoniae rhinoscleromatis*	Lactobacillus parabuchneri
Escherichia coli GC subgroup A, B, C, E, F	Klebsiella terrigena*	Lactobacillus paracasei paracasei
Escherichia fergusonii*	Klebsiella trevisanii*	Lactobacillus paracasei tolerans
Escherichia vulneris*	Kluyvera ascorbata	Lactobacillus pentosus*
Exiguobacterium acetylicum GC subgroup A*, B*	Kluyvera cryocrescens	Lactobacillus plantarum*
	Kocuria kristinae	Lactobacillus reuteri
	Kocuria rosea	Lactobacillus rhamnosu
Flavimonas oryzihabitans*	Kocuria varians*	Lactobacillus ruminis
Flavobacterium aquatile	Kurthia gibsonii	Lactobacillus sake GC subgroup A, B*
Flavobacterium ferrugineum	Kurthia sibirica	Lactobacillus salivarius salicinicus
Flavobacterium hydatis	Kytococcus sedentarius*	Lactobacillus salivarius salivarius
Flavobacterium johnsoniae*		Lactobacillus sanfrancisco*
Flavobacterium mizutaii	Lactobacillus acetotolerans*	Lactobacillus suebicus
Flavobacterium resinovororum	Lactobacillus acidophilus	Lactobacillus vaccinostercus
	Lactobacillus alimentarius	Lactobacillus vitulinus
Gardnerella vaginalis	Lactobacillus bifementans	Lactococcus garviae
Gluconacetobacter xylinum		

\*Change to existing entry

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## Aerobic Bacteria Library, continued

TSBA (Environmental) Version 4.0

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Lactococcus lactis cremoris	Microbispora rosea	Paenibacillus alvei*
Lactococcus lactis hordniae	Micrococcus luteus GC subgroup A*, B*, C*	Paenibacillus apiarius**
Lactococcus lactis lactis	Micrococcus lylae GC subgroup A, B*, C*	Paenibacillus azotofixans*
Lactococcus plantarum	Micromonospora aurantiaca	Paenibacillus glucanolyticus**
Lactococcus raffinolactis	Micromonospora carbonacea*	Paenibacillus gordonae*
Leclercii adecarboxylata**	Micromonospora purpurea	Paenibacillus larvae larvae
Leminorella grimontii	Micromonospora rosaria	Paenibacillus larvae pulvificans
Leminorella richardii	Moraxella catarrhalis*	Paenibacillus macerans GC subgroup A, B*
Leuconostoc lactis	Moraxella nonliquefaciens	Paenibacillus pabuli
Leuconostoc mesenteroides cremoris	Moraxella osloensis*	Paenibacillus peoriae**
Leuconostoc mesenteroides dextranicum	Moraxella ovis	Paenibacillus polymyxa*
Leuconostoc mesenteroides mesenteroides	Morganella morgani	Paenibacillus thiaminolyticus*
Leuconostoc pseudomesenteroides	Myroides odoratus	Pantoea agglomerans*
Listeria grayi		Pantoea ananas
Listeria ivanovii	Neisseria flavescens GC subgroup A, B	Pantoea citrea*
Listeria monocytogenes/innocua group	Neisseria iguanae**	Pantoea stewartii stewartii
Listeria seeligeri	Neisseria meningitidis GC subgroup A, B	Paracoccus denitrificans*
Listeria welshimeri*	Neisseria mucosa*	Pasteurella haemolytica
Listonella anguillarum	Neisseria sicca*	Pasteurella langaa
Listonella pelagia	Neisseria subflava	Pasteurella multocida
	Nesterenkonia halobia*	Pasteurella pneumotropica
Macrocococcus casolyticus	Nocardia asteroides*	Pasteurella trehalosi
Methylobacterium extorquens*	Nocardia brasiliensis GC subgroup A*, B	Pediococcus acidilactici
Methylobacterium fujisawaense*	Nocardia carnea*	Pediococcus damnosus*
Methylobacterium mesophilicum GC subgroup A*, B	Nocardia globerula	Pediococcus dextrinicus
Methylobacterium organophilum*	Nocardia nova**	Pediococcus parvulus
Methylobacterium radiotolerans*	Nocardia otitidiscaviarum GC subgroup A, B	Pediococcus pentosaceus
Methylobacterium rhodesianum	Nocardia restricta	Pedobacter heparinus
Methylobacterium rhodinum	Nocardia transvalensis**	Phenylbacterium immobile
Methylobacterium zatmanii	Nocardioides albus GC subgroup A*, B	Photobacterium angustum
Methylococcus capsulatus	Nocardioides luteus*	Photobacterium damsela
Microbacterium arborescens	Nocardioides simplex	Photobacterium leiognathi
Microbacterium barkeri	Nocardiosis dassonvillei dassonvillei*	Phyllobacterium myrsinacearum
Microbacterium esteraromaticum*	Nocardiosis dassonvillei prasina*	Phyllobacterium rubiacearum
Microbacterium flaccescens	Nocardiosis spp.	Planomonospora parontospora
Microbacterium imperiale		Plesiomonas shigelloides*
Microbacterium lacticum	Ochrobactrum anthropi	Proteus mirabilis*
Microbacterium laevaniformans	Oenococcus oeni	Proteus myxofaciens
Microbacterium liquefaciens*	Oerskovia xanthineolytica	Proteus penneri
Microbacterium saperdae	Oligella urethralis	Proteus vulgaris GC subgroup A, B
Microbacterium testaceum	Oligotropha carboxidovorans**	Providencia alcalifaciens*
Microbispora diastatica		Providencia rettgeri

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# Aerobic Bacteria Library, continued

TSBA (Environmental) Version 4.0

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<i>Providencia rustigianii</i>	<i>Rahnella aquatilis</i> *	<i>Shigella boydii</i> *
<i>Providencia stuartii</i>	<i>Ralstonia eutropha</i> *	<i>Shigella dysenteriae</i>
<i>Pseudoalteromonas aurantia</i>	<i>Ralstonia pickettii</i> *	<i>Shigella flexneri</i> *
<i>Pseudoalteromonas haloplanktis haloplanktis</i> *	<i>Ralstonia solanacearum</i> *	<i>Shigella sonnei</i> *
<i>Pseudoalteromonas</i> spp.**	<i>Rathayibacter rathayi</i> *	<i>Skermania piniformis</i> **
<i>Pseudomonas aeruginosa</i> *	<i>Rathayibacter tritici</i>	<i>Sphingobacterium multivorum</i>
<i>Pseudomonas alcaligenes</i> *	<i>Rhodobacter capsulatus</i>	<i>Sphingobacterium spiritivorum</i> *
<i>Pseudomonas balearica</i> **	<i>Rhodobacter sphaeroides</i>	<i>Sphingobacterium thalpophilum</i>
<i>Pseudomonas chlororaphis</i> *	<i>Rhodococcus chubuensis</i>	<i>Sphingomonas adhaesiva</i> **
<i>Pseudomonas cichorii</i> *	<i>Rhodococcus coprophilus</i> *	<i>Sphingomonas capsulata</i> *
<i>Pseudomonas coronafaciens</i>	<i>Rhodococcus equi</i> GC subgroup A*, B	<i>Sphingomonas macrogoltabidus</i> **
<i>Pseudomonas corrugata</i>	<i>Rhodococcus erythropolis</i>	<i>Sphingomonas paucimobilis</i>
<i>Pseudomonas doudoroffii</i> **	<i>Rhodococcus fascians</i> GC subgroup A, B	<i>Sporosarcina ureae</i>
<i>Pseudomonas flectens</i>	<i>Rhodococcus globerulus</i> GC subgroup A*, B, C	<i>Staphylococcus arlettae</i>
<i>Pseudomonas fluorescens</i> biotype A,B,C,F,G	<i>Rhodococcus luteus</i>	<i>Staphylococcus aureus</i> GC subgroup A & B*, C*, E, G*
<i>Pseudomonas huttienensis</i> **	<i>Rhodococcus rhodnii</i>	<i>Staphylococcus auricularis</i>
<i>Pseudomonas indigofera</i>	<i>Rhodococcus rhodochrous</i>	<i>Staphylococcus capitis capitis</i>
<i>Pseudomonas mendocina</i>	GC subgroup A*, B*, C	<i>Staphylococcus capitis ureolyticus</i>
<i>Pseudomonas nautica</i> **	<i>Rhodovulum adriaticum</i>	<i>Staphylococcus chromogenes</i>
<i>Pseudomonas pseudoalcaligenes</i> *	<i>Roseomonas</i> group**	<i>Staphylococcus cohnii cohnii</i>
<i>Pseudomonas putida</i> biotype A,*B*		<i>Staphylococcus epidermidis</i> *
<i>Pseudomonas savastanoi</i> pv. <i>fraxinus</i>	<i>Saccharomonospora viridis</i>	<i>Staphylococcus gallinarum</i>
<i>Pseudomonas savastanoi</i> pv. <i>nerium</i>	<i>Saccharothrix flava</i> *	<i>Staphylococcus haemolyticus</i>
<i>Pseudomonas savastanoi</i> pv. <i>oleae</i>	<i>Saccharothrix mutabilis</i>	GC subgroup A*, B**
<i>Pseudomonas stutzeri</i> *	<i>Salinivibrio costicola</i>	<i>Staphylococcus hominis</i> *
<i>Pseudomonas syringae</i> <i>atrofaciens</i>	<i>Salmonella bongori</i>	<i>Staphylococcus hyicus</i>
<i>Pseudomonas syringae</i> <i>glycinea</i>	<i>Salmonella choleraesuis arizonae</i>	<i>Staphylococcus intermedius</i> *
<i>Pseudomonas syringae</i> <i>lachrymans</i>	<i>Salmonella choleraesuis choleraesuis</i>	<i>Staphylococcus kloosii</i>
<i>Pseudomonas syringae</i> <i>maculicola</i>	<i>Salmonella choleraesuis diarizonae</i>	<i>Staphylococcus lentus</i> *
<i>Pseudomonas syringae</i> <i>mori</i>	<i>Salmonella choleraesuis houtenae</i>	<i>Staphylococcus lugdunensis</i> *
<i>Pseudomonas syringae</i> <i>morsprunorum</i>	<i>Salmonella choleraesuis salamae</i>	<i>Staphylococcus saprophyticus</i>
<i>Pseudomonas syringae</i> <i>papulans</i>	<i>Salmonella enteritidis</i>	<i>Staphylococcus schleiferi</i>
<i>Pseudomonas syringae</i> <i>phaseolicola</i>	<i>Salmonella typhi</i> *	<i>Staphylococcus sciuri</i>
<i>Pseudomonas syringae</i> <i>pisi</i>	<i>Salmonella typhimurium</i> GC subgroup A, B	<i>Staphylococcus simulans</i> *
<i>Pseudomonas syringae</i> <i>syringae</i>	<i>Serratia fonticola</i>	<i>Staphylococcus warneri</i> *
<i>Pseudomonas syringae</i> <i>tabaci</i>	<i>Serratia grimesii</i>	<i>Staphylococcus xylosus</i>
<i>Pseudomonas syringae</i> <i>tagetes</i>	<i>Serratia liquefaciens</i> *	<i>Stenotrophomonas maltophilia</i> *
<i>Pseudomonas syringae</i> <i>tomato</i>	<i>Serratia marcescens</i> GC subgroup A, B	<i>Streptococcus agalactiae</i>
<i>Pseudomonas viridiflava</i> *	<i>Serratia odorifera</i> *	<i>Streptococcus bovis</i> *
<i>Pseudomonas woodsii</i>	<i>Serratia plymuthica</i> *	<i>Streptococcus mitis</i>
<i>Psychrobacter immobilis</i>	<i>Serratia rubidaea</i>	<i>Streptococcus mutans</i>
<i>Psychrobacter phenylpyruvicus</i>	<i>Shewanella putrefaciens</i> *	<i>Streptococcus pyogenes</i> *

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## Aerobic Bacteria Library, continued

TSBA (Environmental) Version 4.0

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Streptococcus salivarius salivarius	Vibrio tubiashii	Xanthomonas axonopodis vitians
Streptococcus sanguis*	Vibrio vulnificus	Xanthomonas axonopodis zinniae
Streptosporangium fragile*	Virgibacillus pantothenticus*	Xanthomonas campestris amoraceae
Streptosporangium vulgare*		Xanthomonas campestris campestris
Streptoverticillium biverticillatum	Weeksella virosa	Xanthomonas campestris raphani
Streptoverticillium cinnamomeum	Weissella confusa GC subgroup A*, B	Xanthomonas cucurbitae
cinnamomeum	Weissella halotolerans	Xanthomonas fragariae
Streptoverticillium reticulum	Weissella kandleri*	Xanthomonas hortorum hederae
Suttonella indologenes	Weissella paramesenteroides*	Xanthomonas hortorum pelargonii
	Weissella viridescens	Xanthomonas hyacinthi
Terrabacter tumescens		Xanthomonas oryzae oryzae
Tetragenococcus halophila*	Xanthobacter agilis*	Xanthomonas pisi
Thermus aquaticus	Xanthobacter autotrophicus	Xanthomonas translucens graminis
Tsukamurella paurometabolum**	Xanthobacter flavus	Xanthomonas translucens translucens
Tsukamurella wratislaviensis**	Xanthomonas albilineans	Xenorhabdus luminescens
	Xanthomonas arboricola celebensis GC subgroup A, B	Xenorhabdus nematophilus*
Variovorax paradoxus GC subgroup A, B	Xanthomonas arboricola corylina	Yersinia enterocolitica
Vibrio aestuarius	Xanthomonas arboricola juglandis	Yersinia frederiksenii
Vibrio alginolyticus GC subgroup A*, B*	Xanthomonas arboricola pruni	Yersinia pestis GC subgroup A*, B**
Vibrio campbellii	Xanthomonas axonopodis alfalfae	Yersinia pseudotuberculosis*
Vibrio carchariae*	Xanthomonas axonopodis axonopodis	
Vibrio cholerae Inaba	Xanthomonas axonopodis begoniae	
Vibrio cholerae Ogawa	Xanthomonas axonopodis betlicola	
Vibrio cholerae non 01	Xanthomonas axonopodis cannae	
Vibrio cincinnatiensis*	Xanthomonas axonopodis carotae	
Vibrio diazotrophicus	Xanthomonas axonopodis citri	
Vibrio fischeri	Xanthomonas axonopodis citrumelo	
Vibrio fluvialis	Xanthomonas axonopodis dieffenbachiae	
Vibrio furnissii*	Xanthomonas axonopodis fici	
Vibrio gazogenes	Xanthomonas axonopodis glycines	
Vibrio harveyi	Xanthomonas axonopodis malvacearum	
Vibrio hollisae	Xanthomonas axonopodis manihotis	
Vibrio logei	Xanthomonas axonopodis phaseoli	
Vibrio marinus	Xanthomonas axonopodis phaseoli fuscans	
Vibrio mediterranei	Xanthomonas axonopodis physalidicola	
Vibrio metschnikovii	Xanthomonas axonopodis poinsettiiicola	
Vibrio mimicus*	Xanthomonas axonopodis taraxaci	
Vibrio natriegens	Xanthomonas axonopodis vasculorum	
Vibrio nereis	Xanthomonas axonopodis vesicatoria	
Vibrio ordalii	Xanthomonas axonopodis vignicola	
Vibrio parahaemolyticus*		
Vibrio proteolyticus		

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# Aerobic Bacteria Library

CLIN (Clinical) Version 4.0

November 1998

Acidovorax delafieldii*	Bacillus subtilis	Comamonas acidovorans
Acidovorax facilis*	Bacillus thuringiensis**	Comamonas terrigena
Acinetobacter baumannii*	Bartonella henselae	Comamonas testosteroni
Acinetobacter calcoaceticus*	Bergeyella zoohelcum	Corynebacterium A3
Acinetobacter genospecies 9*	Bordetella avium*	Corynebacterium A5
Acinetobacter haemolyticus*	Bordetella bronchiseptica/Kingella kingae group A	Corynebacterium B3
Acinetobacter johnsonii*	Bordetella parapertussis	Corynebacterium D2
Acinetobacter lwoffii*	Bordetella pertussis	Corynebacterium F2
Actinobacillus equuli*	Bordetella pertussis	Corynebacterium afermentans afermentans**
Actinobacillus lignieresii*	Branhamella catarrhalis*	Corynebacterium amycolatum**
Actinobacillus pleuropneumoniae	Brevundimonas diminuta	Corynebacterium aquaticum^
Actinobacillus seminis*	Brevundimonas vesicularis	Corynebacterium auris**
Actinobacillus ureae	Brucella melitensis	Corynebacterium bovis
Aerococcus viridans	Burkholderia cepacia*	Corynebacterium coyleae**
Aeromonas caviae	Burkholderia gladioli GC subgroup A*, B*	Corynebacterium diphtheriae type gravis
Aeromonas eucrenophila		Corynebacterium diphtheriae type intermedius
Aeromonas hydrophila	Campylobacter coli GC subgroup A,B	Corynebacterium diphtheriae type mitis
Aeromonas salmonicida masoucida	Campylobacter fetus fetus	Corynebacterium genitalium^
Aeromonas salmonicida salmonicida	Campylobacter fetus venerealis	Corynebacterium glucuronolyticum**
Aeromonas schubertii	Campylobacter hyointestinalis	Corynebacterium jeikeium GC subgroup A*, B*
Aeromonas sobria*	Campylobacter jejuni*	Corynebacterium kutscheri
Aeromonas veronii	Campylobacter lari	Corynebacterium minutissimum GC subgroup A*, B**
Agrobacterium radiobacter	Campylobacter mucosalis	Corynebacterium pseudodiphtheriticum GC subgroup A*, B
Alcaligenes faecalis	Campylobacter sputorum bubulus	Corynebacterium pseudotuberculosis
Alcaligenes xylosoxydans denitrificans	Campylobacter sputorum sputorum	Corynebacterium renale
Alcaligenes xylosoxydans xylosoxydans*	Cardiobacterium hominis	Corynebacterium striatum GC subgroup A*, B
Amycolatopsis orientalis GC subgroup A,B	CDC Group DF3	Corynebacterium xerosis*
Aquaspirillum itersonii itersonii**	CDC Group EF4	
Arcanobacterium haemolyticum*	CDC Group IIF	
Arcanobacterium pyogenes	CDC Group IVC	
GC subgroup A, B	Cellulomonas cellulans	Dermabacter hominus**
Arcobacter cryaerophilus	Chromobacterium violaceum	Dermatophilus congolensis*
Arthrobacter duodecadis*	Chryseobacterium balustinum*	
Arthrobacter nicotianae	Chryseobacterium gleum GC subgroup A,B	Edwardsiella ictaluri**
Arthrobacter pascens	Chryseobacterium indologenes*	Edwardsiella tarda
	Chryseobacterium meningosepticum*	Eikenella corrodens
	Chryseomonas luteola*	Empedobacter brevis
Bacillus cereus*	Citrobacter amalonicus	Enterobacter aerogenes*
Bacillus circulans*	Citrobacter braakii**	Enterobacter asburiae*
Bacillus coagulans*	Citrobacter farmeri**	Enterobacter cloacae GC subgroup A*, B**
Bacillus licheniformis	Citrobacter freundii	Enterobacter gergoviae
Bacillus megaterium	Citrobacter koseri*	Enterobacter intermedius
Bacillus mycoides		

\*Change to existing entry

\*\* New entry

^ Not an approved name

# Aerobic Bacteria Library, continued

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Enterobacter sakazakii	Hafnia alvei	Legionella lansingensis**
Enterobacter taylorae*	Helicobacter cinaedi^	Legionella londiniensis**
Enterococcus avium*	Helicobacter pullorum**	Legionella longbeachae*
Enterococcus casseliflavus*	Helicobacter pylori	Legionella moravica**
Enterococcus ceccorum**		Legionella nautarum**
Enterococcus durans*	Jonesia denitrificans**	Legionella oakridgensis*
Enterococcus faecalis GC subgroup A*, B*		Legionella parisiensis**
Enterococcus farcium ATCC 882 strain	Kingella denitrificans	Legionella pneumophila pascullei**
Enterococcus faecium GC subgroup A*, B*	Kingella kingae GC subgroup B	Legionella pneumophila pneumophila*
Enterococcus gallinarum*	Klebsiella oxytoca GC subgroup A*, B	Legionella quateirensis**
Enterococcus hirae*	Klebsiella pneumoniae ozaenae GC subgroup A*, B*	Legionella rubrilucens**
Enterococcus malodoratus	Klebsiella pneumoniae pneumoniae	Legionella sainthelsi*
Enterococcus mundtii	Klebsiella pneumoniae rhinoscleromatis	Legionella santicrucis**
Erysipelothrix rhusiopathiae GC subgroup A*, B**	Klebsiella terrigena	Legionella spiritensis**
Erysipelothrix tonsillarum**	Kluyvera ascorbata	Legionella steigerwaltii**
Escherichia coli O157:H7*	Kluyvera cryocrescens	Legionella wadsworthii*
Escherichia coli subgroup A, B	Kocuria kristinae	Legionella worsteiensis**
Escherichia hermannii	Kocuria rosea	Listeria grayi
Escherichia vulneris	Kocuria varians	Listeria innocua
		Listeria ivanovii
Flavimonas oryzihabitans*	Lactobacillus delbrueckii bulgaricus	Listeria monocytogenes
Flavobacterium aquatile	Lactobacillus jensenii	Listeria seeligeri
Flavobacterium mizutaii	Lactobacillus oris	Listonella damsela
Fluoribacter bozemaniae*	Lactobacillus pentosus	
Fluoribacter dumoffii*	Lactobacillus reuteri	Macrocococcus caseolyticus
Fluoribacter gormanii*	Lactobacillus rhamnosus	Methylobacterium extorquens
Francisella tularensis*	Lactobacillus salivarius salicinicus	Methylobacterium fujijsawaense**
	Lactobacillus salivarius salivarius	Methylobacterium mesophilicum*
Gardnerella vaginalis*	Leclercia adecarboxylata*	Methylobacterium organophilum
Gemella haemolysans**	Legionella adelaidensis*	Methylobacterium radiotolerans
Gordona aichiensis	Legionella anisa*	Microbacterium arborescens
Gordona amarae*	Legionella birminghamensis**	Micrococcus luteus GC subgroup A*, B*, C**
Gordona rubropertinctus**	Legionella brunensis*	Micrococcus lylae GC subgroup A, B
Gordona sputi*	Legionella cherrii***^	Moraxella atlantae
	Legionella erythra***^	Moraxella bovis
Haemophilus aphrophilus*	Legionella feelei*	Moraxella lacunata GC subgroup A, B
Haemophilus influenzae*	Legionella geestiana**	Moraxella nonliquefaciens GC subgroup A*, B
Haemophilus paragallinarum*	Legionella hackeliae**	Moraxella osloensis
Haemophilus parahaemolyticus*	Legionella israelensis**	Moraxella ovis
Haemophilus parainfluenzae*	Legionella jamestowniensis**	Morganella morganii
Haemophilus parasuis	Legionella jordanis*	Myroides ordotus GC subgroup A, B
Haemophilus segnis		

\*Change to existing entry

\*\* New entry

^ Not an approved name



# Aerobic Bacteria Library, continued

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<i>Neisseria cinerea</i> *	<i>Providencia alcalifaciens</i> *	<i>Saccharothrix flava</i> *
<i>Neisseria elongata elongata</i> *	<i>Providencia heimbachae</i> **	<i>Saccharothrix mutabilis</i> *
<i>Neisseria elongata glycolytica</i> **	<i>Providencia rettgeri</i>	<i>Salmonella arizonae</i>
<i>Neisseria flava</i>	<i>Providencia rustigianii</i> *	<i>Salmonella enteritidis</i> *
<i>Neisseria flavescens</i>	<i>Providencia stuartii</i>	<i>Salmonella typhi</i> *
<i>Neisseria gonorrhoeae</i>	<i>Pseudomonas aeruginosa mucoid strains</i>	<i>Salmonella typhimurium</i> *
<i>Neisseria meningitidis</i> GC subgroup A*, B	<i>Pseudomonas aeruginosa red strains</i> **	<i>Salmonella choleraesuis choleraesuis</i> *
<i>Neisseria mucosa</i> *	<i>Pseudomonas aeruginosa</i> *	<i>Serratia fonticola</i>
<i>Neisseria polysaccharea</i> **	<i>Pseudomonas alcaligenes</i> *	<i>Serratia grimesii</i> **
<i>Neisseria sicca</i>	<i>Pseudomonas fluorescens</i>	<i>Serratia liquefaciens</i>
<i>Neisseria subflava</i>	<i>Pseudomonas fulva</i> **	<i>Serratia marcescens</i>
<i>Neisseria weaveri</i> *	<i>Pseudomonas mendocina</i>	<i>Serratia odorifera</i>
<i>Nocardia asteroides</i> GC subgroup A*, B*	<i>Pseudomonas pseudoalcaligenes</i> *	<i>Serratia plymuthica</i>
<i>Nocardia brasiliensis</i> *	<i>Pseudomonas putida</i> biotype A, B	<i>Serratia rubidaea</i>
<i>Nocardia brevicatena</i>	<i>Pseudomonas stutzeri</i> *	<i>Shewanella putrefaciens</i>
<i>Nocardia otitidiscaviarum</i> *	<i>Pseudomonas viridiflava</i>	<i>Shigella boydii</i> GC subgroup A*, B
<i>Nocardia transvalensis</i> **	<i>Psychrobacter immobilis</i> *	<i>Shigella dysenteriae</i>
<i>Nocardioides albus</i>	<i>Psychrobacter phenylpyruvicus</i>	<i>Shigella flexneri</i>
<i>Nocardiopsis dassonvillei dassonvillei</i>		<i>Shigella sonnei</i>
<i>Nocardiopsis dassonvillei prasina</i>	<i>Rahnella aquatilis</i>	<i>Sphingobacterium multivorum</i> *
	<i>Ralstonia eutropha</i> **	<i>Sphingobacterium spiritivorum</i> *
<i>Ochrobactrum anthropi</i>	<i>Ralstonia pickettii</i> *	<i>Sphingobacterium thalpophilum</i>
<i>Oerskovia xanthineolytica</i>	<i>Rhodococcus chubuensis</i> *	<i>Sphingomonas paucimobilis</i>
<i>Oligella ureolytica</i> GC subgroup A*, B*	<i>Rhodococcus coprophilus</i>	<i>Staphylococcus arlettae</i>
<i>Oligella urethralis</i> *	<i>Rhodococcus equi</i> *	<i>Staphylococcus aureus</i> GC subgroup A, B, C**
	<i>Rhodococcus erythropolis</i>	<i>Staphylococcus auricularis</i>
<i>Paenibacillus amylolyticus</i>	<i>Rhodococcus fascians</i> *	<i>Staphylococcus capitis capitis</i> *
<i>Paenibacillus polymyxa</i> *	<i>Rhodococcus globerulus</i> *	<i>Staphylococcus capitis ureolyticus</i>
<i>Pantoea agglomerans</i> group I*	<i>Rhodococcus luteus</i>	<i>Staphylococcus carnosus</i>
<i>Pantoea agglomerans</i> group II	<i>Rhodococcus rhodnii</i>	<i>Staphylococcus chromogenes</i>
<i>Pantoea agglomerans</i> group III	<i>Rhodococcus rhodochrous</i> *	<i>Staphylococcus cohnii cohnii</i>
<i>Pasteurella avium</i>	<i>Riemerella anatispestifer</i>	<i>Staphylococcus cohnii urealyticum</i> *
<i>Pasteurella canis</i>	<i>Roseomonas cervicalis</i> **	<i>Staphylococcus delphini</i>
<i>Pasteurella gallinarum</i> *^	<i>Roseomonas fauriae</i> **	<i>Staphylococcus epidermidis</i> *
<i>Pasteurella haemolytica</i> *	<i>Roseomonas genomospecies 4</i> **	<i>Staphylococcus equorum</i>
<i>Pasteurella langaa</i>	<i>Roseomonas genomospecies 5</i> **	<i>Staphylococcus gallinarum</i>
<i>Pasteurella multocida multocida</i> *	<i>Roseomonas genomospecies 6</i> **	<i>Staphylococcus haemolyticus</i>
<i>Pedobacter piscium</i>	<i>Roseomonas gilardii</i> **	<i>Staphylococcus hominis</i> GC subgroup A,B
<i>Plesiomonas shigelloides</i> *	<i>Rothia dentocariosa</i>	<i>Staphylococcus hyicus</i> GC subgroup A,B
<i>Proteus mirabilis</i> *		<i>Staphylococcus intermedius</i> GC subgroup A, B
<i>Proteus penneri</i>	<i>Saccharothrix aerocolonigenes</i>	<i>Staphylococcus kloosii</i> *
<i>Proteus vulgaris</i> *	<i>Saccharothrix coeruleofusca</i> *	<i>Staphylococcus lentus</i> *
		<i>Staphylococcus lugdunensis</i> *

\*Change to existing entry

\*\* New entry

^ Not an approved name

## Aerobic Bacteria Library, continued

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Staphylococcus muscae*	Tatlockia naceachernii**
Staphylococcus saprophyticus*	Tatlockia micdadei
Staphylococcus schleiferi coagulans	Tsukamurella paurometabolum**
Staphylococcus schleiferi schleiferi	Tsukamurella wratislaviensis**
Staphylococcus sciuri*	
Staphylococcus simulans	
Staphylococcus vitulus	Vibrio alginolyticus
Staphylococcus warneri GC subgroup A, B	Vibrio cholerae Inaba
Staphylococcus xylosus GC subgroup A, B	Vibrio cholerae Ogawa
Stenotrophomonas maltophilia	Vibrio fluvialis
Stomatococcus mucilaginosus*	Vibrio hollisae
Streptococcus agalactiae*	Vibrio parahaemolyticus
Streptococcus anginosus*	Vibrio vulnificus
Streptococcus bovis GC subgroup A*, B*	
Streptococcus canis*	Weeksella virosa
Streptococcus equi equi*	
Streptococcus equi zooepidemicus*	Yersinia enterocolitica
Streptococcus equinus*	Yersinia frederiksenii
Streptococcus intermedius homology group I, II	Yersinia intermedia
Streptococcus mitis*	Yersinia kristensenii
Streptococcus mutans GC subgroup A, B	Yersinia pestis GC subgroup A*, B**
Streptococcus oralis*	Yersinia pseudotuberculosis
Streptococcus parasanguis	Aerobe Database
Streptococcus pneumoniae GC subgroup A*, B*	
Streptococcus porcinus	
Streptococcus pyogenes*	
Streptococcus salivarius	
Streptococcus sanguis type IA*, IB*	
Streptococcus sobrinus*	
Streptococcus species, Lancefield group B**	
Streptococcus species, Lancefield group C**	
Streptococcus species, Lancefield group D**	
Streptococcus species, Lancefield group F**	
Streptococcus species, Lancefield group G**	
Streptococcus uberis*	
Streptococcus vestibularis**	
Suttonella indologenes	

\*Change to existing entry

\*\* New entry

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