

Kingdom: Bacteria

Phylum: Actinobacteriota

Class: Actinobacteria (No. of isolates 130)

| Order | Family | Genus | No. of isolates |
|--------------------------|--------------------------|------------------------|------------------------|
| <i>Micrococcales</i> | <i>Brevibacteriaceae</i> | <i>Brevibacterium</i> | 120 |
| | | <i>Micrococcus</i> | 1 |
| | <i>Dermabacteraceae</i> | <i>Brachybacterium</i> | 1 |
| | <i>Microbacteriaceae</i> | <i>Microbacterium</i> | 3 |
| | <i>Micrococcaceae</i> | <i>Arthrobacter</i> | 1 |
| <i>Corynebacteriales</i> | <i>Dietziaceae</i> | <i>Dietzia</i> | 1 |
| | <i>Nocardiaceae</i> | <i>Rhodococcus</i> | 3 |

Order: *Micrococcales*

Family: *Brevibacteriaceae*

Genus: *Brevibacterium* (No. of isolates 120)

Taxon identifiers: [Wikidata: Q18610016](#), [Wikispecies: Brevibacteriaceae](#), [EoL: 7910](#), [EPPO: 1BREBF](#), [GBIF: 8074](#), [iNaturalist: 357124](#), [IRMNG: 107028](#), [ITIS: 463](#), [LPSN: brevibacteriaceae](#), [NCBI: 85019](#), [NZOR: b4e79350-c316-4dbf-91d0-3cbf0bed4631](#), [WoRMS: 559609](#)

Genus: *Micrococcus* (No. of isolates 1)

Family: *Dermabacteraceae*

Genus: *Brachybacterium* (No. of isolates 1)

Taxon identifiers: [Wikidata: Q16959953](#), [Wikispecies: Dermabacteraceae](#), [EoL: 7906](#), [GBIF: 8075](#), [IRMNG: 104473](#), [ITIS: 956376](#), [LPSN: dermabacteraceae](#), [NCBI: 85020](#), [NZOR: a267f736-db57-4877-9dd6-ef737de12711](#), [WoRMS: 559622](#)

Family: *Microbacteriaceae*

Genus: *Microbacterium* (No. of isolates 3)

Family: *Micrococcaceae*

Genus: *Arthrobacter* (No. of isolates 1)

Taxon identifiers: [Wikidata: Q1365581](#), [Wikispecies: Micrococcaceae](#), [EoL: 7895](#), [GBIF: 3836](#), [iNaturalist: 357040](#), [IRMNG: 108765](#), [ITIS: 330](#), [LPSN: micrococcaceae](#), [NCBI: 1268](#), [NZOR: fce7109c-57b0-4470-94f9-d717d1814cf4](#), [uBio: 5354218](#), [WoRMS: 559736](#)

Order: *Corynebacteriales*

Family: *Dietziaceae*

Genus: *Dietzia* (No. of isolates 1)

Taxon identifiers: [Wikidata: Q20526151](#), [Wikispecies: Dietzia](#), [EoL: 97782](#), [GBIF: 3224734](#), [IRMNG: 1324720](#), [ITIS: 957107](#), [LPSN: dietzia.html](#), [NCBI: 37914](#), [NZOR: 07cf639b-4e56-4d7a-b78b-fe718638f04a](#), [WoRMS: 559530](#)

Family: *Nocardiaceae*

Genus: *Rhodococcus* (No. of isolates 3)

Taxon identifiers: [Wikidata: Q288311](#), [Wikispecies: Rhodococcus \(Nocardiaceae\)](#), [EoL: 85900](#), [EPP0: 1RHDCG](#), [Fungorum: 27375](#), [GBIF: 3224437](#), [iNaturalist: 541076](#), [ITIS: 957964](#), [LPSN: rhodococcus.html](#), [NBN: NHMSYS0020930441](#), [NCBI: 1827](#), [NZOR: 23dcb2c6-536a-44c9-b2cd-5ac0bc474f60](#), [PPE: rhodococcus](#), [uBio: 227836](#), [WoRMS: 559536](#)

Phylum: Bacteridota

Class: Bacteroidia

| Order | Family | Genus | No. of isolates |
|-------------------------|--------------------------|-----------------------|-----------------|
| <i>Flavobacteriales</i> | <i>Flavobacteriaceae</i> | <i>Zunongwangia</i> | 10 |
| | | <i>Muricauda</i> | 1 |
| <i>Cytophagales</i> | <i>Cyclobacteriaceae</i> | <i>Algoriphagus</i> | 2 |
| | | <i>Cyclobacterium</i> | 2 |
| | | <i>Echinicola</i> | 2 |

Order: *Flavobacteriales*

Taxon identifiers: [Wikidata: Q5458145](#), [Wikispecies: Flavobacteriaceae](#), [EoL: 7846](#), [EPP0: 1FLABF](#), [GBIF: 8099](#), [iNaturalist: 356597](#), [IRMNG: 105246](#), [ITIS: 956402](#), [LPSN: flavobacteriaceae.html](#), [NCBI: 49546](#), [NZOR: c6fa23b9-c13a-4bbd-8f00-3d2e0ba7cfc9](#), [WoRMS: 559995](#)

Family: *Flavobacteriaceae*

Genus: *Zunongwangia* (No. of isolates 10)

Taxon identifiers: [Wikidata: Q26308307](#), [Wikispecies: Zunongwangia](#), [GBIF: 4925011](#), [IRMNG: 1008139](#), [ITIS: 958433](#), [LPSN: zunongwangia.html](#), [NCBI: 417127](#), [WoRMS: 564097](#)

Genus: *Muricauda* (No. of isolates 1)

Taxon identifiers: [Wikidata: Q24073567](#), [Wikispecies: Muricauda](#), [GBIF: 3228638](#), [iNaturalist: 356792](#), [IRMNG: 1356321](#), [ITIS: 957640](#), [LPSN: muricauda.html](#), [NCBI: 111500](#), [WoRMS: 563928](#)

Order: *Cytophagales*

Family: *Cyclobacteriaceae*

Genus: *Algoriphagu* (No. of isolates 2)

Taxon identifiers: [Wikidata: Q15804142](#), [Wikispecies: Cyclobacteriaceae](#), [GBIF: 4903801](#), [IRMNG: 104250](#), [ITIS: 956370](#), [LPSN: cyclobacteriaceae.html](#), [NCBI: 563798](#), [WoRMS: 559877](#)

Genus: *Cyclobacterium* (No. of isolates 2)

Genus: *Echinicola* (No. of isolates 2)

Phylum: Firmicutes

Class: Bacilli

Order: *Staphylococcales*

Family: *Staphylococcaceae*

Genus: *Staphylococcus* (No. of isolates 5)

Order: *Bacillales*

Family: *Bacillaceae*

Genus: *Bacillus* (No. of isolates 2)

Phylum: Proteobacteria

Class: Gammaproteobacteria

| Order | Family | Genus | No. of isolates |
|--------------------------|--------------------------------------|--------------------------|-----------------|
| <i>Alteromonadales</i> | <i>Alteromonadaceae</i> | <i>Alteromonas</i> | 26 |
| | <i>Idiomarinaceae</i> | <i>Idiomarina</i> | 64 |
| | <i>Marinobacteraceae</i> | <i>Marinobacter</i> | 29 |
| | <i>Pseudoalteromonadaceae</i> | <i>Pseudoalteromonas</i> | 7 |
| <i>Cellvibrionales</i> | <i>Spongiibacteraceae</i> | <i>Zhongshania</i> | 1 |
| <i>Enterobacterales</i> | <i>Yersiniaceae</i> | <i>Serratia</i> | 1 |
| <i>Oceanospirillales</i> | <i>Halomonadaceae</i> | <i>Halomonas</i> | 144 |
| | | <i>Salinicola</i> | 13 |
| | | <i>Chromohalobacter</i> | 1 |
| | <i>Alcanivoracaceae</i> ¹ | <i>Alcanivorax</i> | 32 |
| <i>Pseudomonadales</i> | <i>Pseudomonadaceae</i> | <i>Pseudomonas</i> | 15 |
| | <i>Moraxellaceae</i> | <i>Acinetobacter</i> | 1 |
| <i>Salinisphaerales</i> | <i>Salinisphaeraceae</i> | <i>Salinisphaera</i> | 16 |
| <i>Vibrionales</i> | <i>Vibrionaceae</i> | <i>Vibrio</i> | 113 |
| | | <i>Enterovibrio</i> | 1 |
| | | <i>Catenococcus</i> | 5 |

Maximum number of isolates belong to family *Vibrionaceae* – *Vibrio* (113), *Halomonadaceae* – *Halomonas* (111), and *Idiomarinaceae* – *Idiomarina* (64)

Order: *Alteromonadales*

Family: *Alteromonadaceae*

Genus: *Alteromonas* (No. of isolates 26)

Taxon identifiers: [Wikidata: Q3762368](#), [Wikispecies: Alteromonas](#), [GBIF: 3222173](#), [IRMNG: 1006647](#), [ITIS: 956697](#), [LPSN: alteromonas.html](#), [NCBI: 226](#), [NZOR: 7fea3c5d-f23a-4a04-8f9a-d84f4cbc657d](#), [WoRMS: 393611](#)

Family: *Idiomarinaceae*

Genus: *Idiomarina* (No. of isolates 64)

Taxon identifiers: [Wikidata: Q19672477](#), [Wikispecies: Idiomarinaceae](#), [EoL: 3277](#), [GBIF: 8954](#), [iNaturalist: 357044](#), [IRMNG: 112521](#), [ITIS: 956433](#), [LPSN: idiomarinaceae.html](#), [NCBI: 267893](#), [NZOR: ea366c2f-2f9a-4f13-9283-72fca2c4001e](#), [WoRMS: 394047](#)

Family: *Marinobacteraceae*

Genus: *Marinobacter* (No. of isolates 29)

Taxon identifiers: [Wikidata: Q6764459](#), [Wikispecies: Marinobacter](#), [EoL: 97370](#), [GBIF: 3222770](#), [iNaturalist: 356833](#), [IRMNG: 1100387](#), [ITIS: 957536](#), [LPSN: marinobacter.html](#), [NCBI: 2742](#), [NZOR: 8822e9ec-86e7-446d-8b71-a12f4925f3f4](#), [WoRMS: 393034](#)

Family: *Pseudoalteromonadaceae*

Genus: *Pseudoalteromonas* (No. of isolates 7)

Taxon identifiers: [Wikidata: Q842207](#), [Wikispecies: Pseudoalteromonas](#), [EoL: 83131](#), [EPPO: 1PSDLG](#), [GBIF: 3222692](#), [iNaturalist: 356601](#), [IRMNG: 1027910](#), [ITIS: 957903](#), [LPSN: pseudoalteromonas.html](#), [NCBI: 53246](#), [NZOR: db3998ee-fcd7-4519-bed5-bed1f420f037](#), [WoRMS: 415881](#)

Order: *Cellvibrionales*

Family: *Spongiibacteraceae*

Genus: *Zhongshania* (No. of isolates 1)

Taxon identifiers: <https://species.wikimedia.org/wiki/Spongiibacteraceae>, [Spongiibacteraceae](#) – Taxon details on [National Center for Biotechnology Information \(NCBI\)](#); [European Nucleotide Archive](#)

Order: *Enterobacteriales*

Family: *Yersiniaceae*

Genus: *Serratia* (No. of isolates 1)

Taxon identifiers: [Wikidata: Q134980](#), [Wikispecies: Serratia](#), [EoL: 83136](#), [EPPO: 1SERRG](#), [GBIF: 3221744](#), [iNaturalist: 356663](#), [IRMNG: 1309475](#), [ITIS: 591707](#), [LPSN: serratia.html](#), [NCBI: 613](#), [NZOR: 27143ed1-b9e6-4084-9c57-e28a56409697](#), [Plazi: 6C3DA91C-51AB-18C4-FF0E-FDDBED891D58](#), [WoRMS: 415973](#)

Order: Oceanospirillales

Family: Halomonadaceae

Genus: Halomonas (No. of isolates 144)

Taxon identifiers: [Wikidata: Q1770163](#), [Wikispecies: Halomonadaceae](#), [EoL: 334](#), [GBIF: 9535](#), [iNaturalist: 337773](#), [IRMNG: 106060](#), [ITIS: 956419](#), [LPSN: halomonadaceae.html](#), [NCBI: 28256](#), [NZOR: a18aae79-0e3d-4cab-834e-ff1ceb542eab](#), [WoRMS: 393043](#)

Genus: Salinicola (No. of isolates 13)

Genus: Chromohalobacter (No. of isolates 1)

Family: Alcanivoracaceae

Genus: Alcanivorax (No. of isolates 32)

Taxon identifiers: [Wikidata: Q1940484](#), [Wikispecies: Alcanivorax](#), [EoL: 97284](#), [GBIF: 3222050](#), [iNaturalist: 356963](#), [IRMNG: 1008243](#), [ITIS: 956662](#), [LPSN: alcanivorax.html](#), [NCBI: 59753](#), [WoRMS: 393082](#)

Order: Pseudomonadales

Family: Pseudomonadaceae

Genus: Pseudomonas (No. of isolates 15)

Family: Moraxellaceae

Genus: Acinetobacter (No. of isolates 1)

Order: Salinisphaerales

Family: Salinisphaeraceae

Genus: Salinisphaera (No. of isolates 16)

Order: Vibrionales

Family: Vibrionaceae

Genus: Vibrio (No. of isolates 113)

Genus: Enterovibrio (No. of isolates 1)

Genus: Catenococcus (No. of isolates 5)

Phylum: Proteobacteria

Class: Alphaproteobacteria

| Order | Family | Genus | No. of isolates |
|-------------------------|--------------------------|---------------------------|------------------------|
| <i>Caulobacterales</i> | <i>Caulobacteraceae</i> | <i>Brevundimonas</i> | 20 |
| | | <i>Phenylobacterium</i> | 3 |
| | <i>Hyphomonadaceae</i> | <i>Oceanicaulis</i> | 25 |
| | | <i>Henriciella</i> | 5 |
| | | <i>Maricaulis</i> | 1 |
| | | <i>Hyphomonas</i> | 2 |
| <i>Rhizobiales</i> | <i>Devosiaceae</i> | <i>Pelagibacterium</i> | 22 |
| | | <i>Devosia</i> | 2 |
| | <i>Rhizobiaceae</i> | <i>Pseudaminobacter</i> | 26 |
| | | <i>Nitratireductor</i> | 11 |
| | | <i>Aliihoeflea</i> | 2 |
| | | <i>Mesorhizobium</i> | 2 |
| | | <i>Aurantimonas</i> | 3 |
| | | <i>Aureimonas</i> | 2 |
| | | 26 | |
| | <i>Stappiaceae</i> | <i>Stappia</i> | 1 |
| <i>Rhodobacterales</i> | <i>Rhodobacteraceae</i> | <i>Actibacterium</i> | 1 |
| | | <i>Lentibacter</i> | 13 |
| | | <i>Limimarinicola</i> | 37 |
| | | <i>Litorimicrobium</i> | 1 |
| | | <i>Marinovum</i> | 1 |
| | | <i>Marivivens</i> | 1 |
| | | <i>Marivita</i> | 4 |
| | | <i>Paracoccus</i> | 146 |
| | | <i>Roseivivax</i> | 11 |
| | | <i>Roseovarius</i> | 4 |
| | | <i>Shimia</i> | 1 |
| | | <i>Sulfitobacter</i> | 1 |
| | | <i>Tropicimonas</i> | 1 |
| <i>Sphingomonadales</i> | <i>Sphingomonadaceae</i> | <i>Altererythrobacter</i> | 55 |
| | | <i>Croceicoccus</i> | 19 |
| | | <i>Erythrobacter</i> | 93 |
| | | <i>Parasphingopyxis</i> | 3 |
| | | <i>Porphyrobacter</i> | 1 |
| | | <i>Sphingobium</i> | 9 |
| | | <i>Sphingopyxis</i> | 2 |

Order: *Caulobacterales*

Family: *Caulobacteraceae*

Genus: *Brevundimonas* (No. of isolates 20)

Taxon identifiers: [Wikidata: Q4962610](#), [Wikispecies: Brevundimonas](#), [EoL: 97684](#), [GBIF: 3221698](#), [iNaturalist: 357009](#), [IRMNG: 1035430](#), [ITIS: 956857](#), [LPSN: brevundimonas.html](#), [NCBI: 41275](#), [NZOR: eb84283e-d6cd-450f-9783-b068b121e969](#), [WoRMS: 565572](#)

Genus: *Phenylobacterium* (No. of isolates 3)

Family: *Hyphomonadaceae*

Genus: *Oceanicaulis* (No. of isolates 25)

Genus: *Henriciella* (No. of isolates 5)

Genus: *Maricaulis* (No. of isolates 1)

Genus: *Hyphomonas* (No. of isolates 2)

Order: *Rhizobiales*

Family: *Devosiaceae*

Genus: *Pelagibacterium* (No. of isolates 22)

Taxon identifiers: [Wikidata: Q26270869](#), [Wikispecies: Pelagibacterium](#), [GBIF: 7863804](#), [IRMNG: 11908701](#), [ITIS: 957792](#), [LPSN: pelagibacterium.html](#), [NCBI: 1082930](#)

Genus: *Devosia* (No. of isolates 2)

Family: *Rhizobiaceae*

Genus: *Pseudaminobacter* (No. of isolates 26)

Genus: *Nitratireductor* (No. of isolates 11)

Genus: *Aliihoeflea* (No. of isolates 2)

Genus: *Mesorhizobium* (No. of isolates 2)

Genus: *Aurantimonas* (No. of isolates 3)

Genus: *Aureimonas* (No. of isolates 2)

Family: *Stappiaceae*

Genus: *Stapia* (No. of isolates 1)

Order: *Rhodobacterales*

Family: *Rhodobacteraceae*

Genus: *Actibacterium* (No. of isolates 1)

Genus: *Lentibacter* (No. of isolates 13)

Taxon identifiers: [Wikidata: Q27866400](#); [Wikispecies: Lentibacter](#); [GBIF: 7492603](#); [IRMNG: 11908766](#); [ITIS: 957467](#); [LPSN: lentibacter.html](#); [NCBI: 1434014](#)

Genus: *Limimaricola* (No. of isolates 37)

Taxon identifiers: [Wikidata: Q60199079](#); [GBIF: 10868472](#); [LPSN: limimaricola](#); [NCBI: 2211638](#)

Genus: *Litorimicrobium* (No. of isolates 1)

For the type species of this genus another name is in use, which is affiliated with the genus [Thalassobius Arahal et al. 2005](#).(Hördt et al. 2020)

Genus: *Marinovum* (No. of isolates 1)

Taxon identifiers: [Wikidata: Q6764480](#), [Wikispecies: Marinovum](#) [GBIF: 3221269](#), [iNaturalist: 356829](#), [IRMNG: 1012548](#), [ITIS: 957542](#), [LPSN: marinovum.html](#), [NCBI: 367771](#), [WoRMS: 567709](#)

Genus: *Marivivens* (No. of isolates 1)

Taxon identifiers: [Wikidata: Q27869412](#), [Wikispecies: Marivivens](#). [GBIF: 8961484](#), [IRMNG: 11908773](#), [LPSN: marivivens.html](#), [NCBI: 1759396](#)

Genus: *Marivita* (No. of isolates 4)

Taxon identifiers: [Wikidata: Q26209167](#), [Wikispecies: Marivita](#), [GBIF: 5912215](#), [IRMNG: 1467115](#), [ITIS: 957550](#), [LPSN: marivita.html](#), [NCBI: 659428](#), [WoRMS: 562048](#)

Genus: *Paracoccus* (No. of isolates 146)

Taxon identifiers: [Wikidata: Q21444864](#), [Wikispecies: Paracoccus](#), [Rhodobacteraceae](#), [EPPO:](#) , [IPRCCG](#), [GBIF: 3221219](#), [IRMNG: 1294989](#), [ITIS: 957762](#), [LPSN: paracoccus.html](#) [NCBI: 265](#) [NZOR: 7c52d4ac-9070-4c8f-ac89-2feef93909c6](#), [WoRMS: 393085](#)

Genus: *Roseivivax* (No. of isolates 11)

Taxon identifiers: [Wikidata: Q7368215](#); [Wikispecies: Roseivivax](#); [GBIF: 3221081](#); [iNaturalist: 356680](#); [IRMNG: 1058909](#); [ITIS: 958002](#); [LPSN: roseivivax.html](#); [NCBI: 93682](#); [WoRMS: 571426](#)

Genus: *Roseovarius* (No. of isolates 14)

Taxon identifiers: [Wikidata: Q7368626](#); [Wikispecies: Roseovarius](#); [GBIF: 3221206](#); [IRMNG: 1034537](#); [ITIS: 958008](#); [LPSN: roseovarius.html](#); [NCBI: 74030](#); [WoRMS: 393159](#)

Genus: *Shimia* (No. of isolates 1)

Taxon identifiers: [Wikidata: Q26285458](#); [Wikispecies: Shimia](#); [GBIF: 3221241](#); [IRMNG: 1271608](#); [ITIS: 958099](#); [LPSN: shimia.html](#); [NCBI: 573139](#); [WoRMS: 394103](#)

Genus: *Sulfitobacter* (No. of isolates 1)

Taxon identifiers: [Wikidata: Q7636204](#); [Wikispecies: Sulfitobacter](#); [GBIF: 3221136](#); [iNaturalist: 356557](#); [IRMNG: 1065056](#); [ITIS: 958187](#); [LPSN: sulfitobacter.html](#); [NCBI: 60136](#); [WoRMS: 562097](#)

Genus: *Tropicimona* (No. of isolates 1)

Order: Sphingomonadales

Family: Sphingomonadaceae

Genus: *Altererythrobacter* (No. of isolates 55)

Taxon identifiers: [Wikidata: Q26209172](#), [Wikispecies: Altererythrobacter](#), [GBIF: 4901674](#), [IRMNG: 1016392](#), [ITIS: 956695](#), [LPSN: altererythrobacter.html](#), [NCBI: 361177](#), [WoRMS: 568243](#)

Genus: *Croceicoccus* (No. of isolates 19)

Genus: *Erythrobacter* (No. of isolates 93)

Taxon identifiers: [Wikidata: Q19684038](#), [Wikispecies: Erythrobacter](#), [GBIF: 3221318](#), [iNaturalist: 356882](#), [IRMNG: 1112684](#), [ITIS: 957151](#), [LPSN: erythrobacter.html](#), [NCBI: 1041](#), [NZOR: 0f6c1112-c080-4561-8d64-c389580fde6b](#), [WoRMS: 393075](#)

Genus: *Parasphingopyxis* (No. of isolates 3)

Taxon identifiers: <https://lpsn.dsmz.de/genus/parasphingopyxis>;
<https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2026624>;
https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?lin=s&p=has_linkout&id=1234545

Genus: *Porphyrobacter* (No. of isolates 1)

Genus: *Sphingobium* (No. of isolates 9)

Taxon identifiers: [Wikidata: Q3325407m](#), [Wikispecies: Sphingobium](#), [GBIF: 3221329](#), [iNaturalist: 356576](#), [IRMNG: 1019535](#), [ITIS: 956576](#), [LPSN: sphingobium.html](#), [NCBI: 165695](#), [NZOR: 207ce632-7aaf-43ee-889d-79386a655804](#), [WoRMS: 571470](#)

Genus: *Sphingopyxis* (No. of isolates 2)

Taxon identifiers: [Wikidata: Q7576793](#), [Wikispecies: Sphingopyxis](#), [GBIF: 3221301](#), [iNaturalist: 356571](#), [IRMNG: 1121493](#), [ITIS: 956577](#), [LPSN: sphingopyxis.html](#), [NCBI: 165697](#), [NZOR: 9d107933-f34d-499a-8323-b7b37d4c1ca1](#), [WoRMS: 393999](#)