LIST OF SUPPLEMENTARY MATERIALS

Supplementary Methods

Supplementary Figure 1: *A,* Urethral bacterial communities in men who have sex with men (MSM). Relative abundances of abundant bacteria are shown either at the species or genus level for visualization. All other taxa have been placed in the "Other" category. For all statistical analyses, sequences were placed at the most specific level (see Supplementary Table 3). *B,* Known pathogen detection by nucleic acid amplification testing (NAAT) or quantitative PCR (qPCR) including *Chlamydia trachomatis*, *Mycoplasma genitalium*, *Trichomonas vaginalis,* adenovirus or herpes simplex virus. *C*, Target validation of bacteria selected in this study for quantitative assessments: *Haemophilus influenzae*, *Mycoplasma penetrans* and *Ureaplasma urealyticum*. *D*, Alpha diversity as measured by the Shannon Diversity Index.

Supplementary Figure 2: *A,* Urethral bacterial communities in men who have sex with women (MSW). Layout for sections *A, B, C* and *D* are identical to Supplementary Figure 1.

Supplementary Table 1: Confirmatory statistical analyses for selection of quantitative PCR targets

Supplementary Table 2: Metadata for 434 individual study participants

Supplementary Table 3: Taxonomic output of sequence reads and relative abundances for 328 individual study participants with sequence data

Supplementary Table 4: Characteristics of 431 study participants with and without *Mycoplasma penetrans* stratified by sex of sex partners

Supplementary Table 5: Characteristics of 431 study participants with and without *Haemophilus influenzae* stratified by sex of sex partners

Supplementary Table 6: Characteristics of 431 study participants with and without *Ureaplasma urealyticum* stratified by sex of sex partners

Dataset 1: List of bacterial taxa used in the reference set.

SUPPLEMENTARY METHODS

Preparation of Mock Communities as Positive Controls

Two mock communities were prepared to evaluate if bacterial taxa present in the mock communities were detected with our laboratory processes and bioinformatics pipeline. The first mock community was created using plasmids containing the 16S rRNA gene of genital tract bacteria, such that bacterial taxa that are yet to be cultivated such as Bacterial Vaginosis-Associated Bacterium-1 (BVAB1) and vaginal TM7 can be detected using our pipeline (see table below). The second mock community was prepared using bacterial isolates typically present in the human genital tract. All taxa that were included in both mock communities were detected with our pipeline. We also detected one additional taxon with each mock community at low relative abundance; *Shigella/Escherichia* in mock community 1 (0.08%) and *Streptococcus mitis* group in mock community 2 (0.42%) (See Table below on Taxonomic Output for Positive Controls). As both taxa were dominant members of the bacterial community in our dataset, this likely represents cross-contamination between wells.

Mock Community 1 (plasmid)	Mock Community 2 (bacterial isolates)
Aerococcus christensenii	*Aerococcus christensenii*
Atopobium vaginae	*Atopobium vaginae*
BVAB1	*Gardnerella vaginalis*
BVAB2	*Lactobacillus crispatus*
Candidate Division TM7 vaginal	*Lactobacillus gasseri*
Dialister micraerophilus	*Lactobacillus iners*
Dialister sp. type 2	*Mageeibacillus indolicus*
Eggerthella sp. type 1	*Parvimonas*
Gardnerella vaginalis	*Prevotella amnii*
Lactobacillus crispatus	*Prevotella bivia*
Lactobacillus iners	*Prevotella timonensis*
Lactobacillus jensenii	
Mageeibacillus indolicus	
Megasphaera sp. type 1	
Sneathia amnii	

Broad-range PCR, Sequencing and Processing of Sequence Reads

Broad-range PCR amplification of the V3-V4 hypervariable region of the 16S rRNA gene was performed on samples and negative controls using the primers below. Forward primers were used in a 3-1-1 ratio.

338Fa-nextera TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG**AYTCCTRCGGGARGCAGCAG**

338Fb-nextera

TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG**ACTCCTACGGGAGGCTGC**

338Fc-nextera

TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG**ACACCTACGGGTGGCAGC**

The reverse primer was 806R-nextera

GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG**GGACTACHVGGGTATCTAAT**

The underlined sequences are the overhang sequences for compatibility with the Nextera®XT Index kit v2 (Illumina San Diego, CA), and the primer sequences targeting the 16S rRNA gene are denoted in bold letters.

Each 50 µL amplicon PCR master mix contained 1X Accuprime Buffer II, additional 2 mM magnesium chloride, 0.4 µM of forward primer formulation, 0.4 µM of reverse primer, and 0.03 U/µL Accuprime™ High Fidelity Taq polymerase (Thermo Fisher Scientific, Waltham, MA). DNA quantities ranging from 2.2 × 10^3 - 2.4 × 10^6 bacterial 16S rRNA gene copies from each urine sample were added to the PCR reaction. All buffers and water used for the clean-up and dilution steps were filtered using a 100,000 MW cut-off filter. Cycling conditions included a denaturation step at 94°C for 15 s, followed by 28 cycles of 94°C for 30 s, 55°C for 30 s, and 68°C for 1 min. Final extension was at 68°C for 7 min. Band size (604 bp) was confirmed with gel electrophoresis, but all control samples were processed through the pipeline regardless of band (blind). Amplicons were purified using the Agencourt AMPure XP beads (Beckman Coulter, Indianapolis, IN) per the 16S Metagenomic Sequencing Library Preparation protocol [1]. Purified amplicons were subjected to Index PCR using NexteraXT index kits v2 set A, set B, set C, and set D to multiplex up to 384 samples per sequencing run. After Index PCR, the amplicons were purified using

Agencourt AMPure XP beads, air dried and eluted in 40 µL 1 × TE buffer. DNA concentrations in each sample was measured using the Quant-iT dsDNA assay kit-high sensitivity (Thermo Fisher Scientific, Waltham, MA) and equimolar quantities of samples were pooled. For samples with low DNA quantities, up to 30 µL of DNA were added to sub-pools when equimolar quantities could not be achieved. The amplicons were subjected to sequencing on the Illumina MiSeq instrument (Illumina, San Diego, CA) with the MiSeq® Reagent Kit v3- 600 cycle to capture paired-end reads (2 × 300). PhiX Control Library v3 (Illumina) was combined with the amplicon library at 15% to compensate for low base diversity.

Raw sequence reads were demultiplexed using Illumina MiSeq's onboard software. Demultiplexed reads were processed using *barcodecop* v0.4.1 [2] to enforce barcode quality using default settings as well as ensuring exact barcode matches to forward and reverse reads. The DADA2 package [3] was used for error correction, dereplication, paired-end assembly, and chimera removal and a list of unique sequence variants (SVs) were generated. Sequence reads are available from the NCBI Short Read Archive (Bioproject Accession: PRJNA637612).

Reference Set Creation and Taxonomic Assignment

The SVs were used to recruit full-length 16S rRNA gene sequences from records downloaded from NCBI April 5, 2018 using the *ya16sdb* pipeline [4] based on similarity to experimentally generated reads (code available by request). A phylogenetic tree was constructed using RAxML with the niche-specific full-length sequences recruited from NCBI and locally generated 16S rRNA gene sequences from bacterial isolates and clones from the genital tract. Additional species were added to broaden the taxonomy when leaves contained only 1 representative sequence. The list of bacterial taxa used for the creation of the urethral reference set used for our analyses provided as Supplementary Dataset 1. A multiple sequence alignment of both query and reference sequences was created using *cmalign* [5] and query sequences were placed on the phylogenetic tree using *pplacer* [6]. Taxonomy was assigned to each unique SV based on location on the tree. Taxonomic assignments were validated by inspection of multiple sequence alignments, phylogenetic trees and BLAST searches. Bacterial taxa represented by fewer than 25 reads

in a given sample were excluded from that sample to minimize environmental contaminant sequences from being included in the final dataset; bacterial taxa judged to be contaminants based on prevalence among negative controls (see Table below on Taxonomic Output for Negative Controls) were also removed from the final data set (see Table below on List of bacterial taxa filtered from the dataset).

Quantitative PCR

Species-specific qPCR assays were developed to measure DNA concentrations of *Mycoplasma penetrans*, *Ureaplasma urealyticum*, *Haemophilus influenzae*, and *Trichomonas vaginalis*. Assays targeted the 16S rRNA genes of *M. penetrans* and *H. influenzae*, the urease accessory protein G gene of *U. urealyticum* (adapted from [7]), and the 18S rRNA gene of *T. vaginalis*. All assays underwent 45 cycles of amplification on the QuantStudio™ 6 Flex Real-Time PCR System (Applied Biosystems, Waltham, MA) in 15 µL reactions. Core reagents were supplied by Applied Biosystems (Waltham, CA). *U. urealyticum* and *H. influenzae* were run with TaqMan™ Fast Advanced Master Mix (1X) with primers at 0.8 µM per reaction and probe at 150 nM per reaction. *T. vaginalis* was run with TaqMan™ Fast Advanced Master Mix (1X) with primers at 0.9 µM per reaction and probe at 180 nM. *M. penetrans* was run with master mix containing buffer A (1X), deoxynucleotide triphosphates (1 mM), magnesium (4 mM), primers (1.2 µM), probe (200 nM), AmpErase uracil-*N*-glycosylase (0.015 U) and TaqGold polymerase (0.45 U) per reaction. Plasmid standards were run in duplicate with a lower limit of detection of 1.25 gene copies/µL DNA. Primer and probe sequences, as well as PCR conditions are listed in the table below. Specificity and sensitivity testing were conducted as previously described [8] and the bacteria tested for specificity assay are listed below.

Real-time PCR assays for adenovirus and HSV have been previously published [9, 10]. Briefly, the extracted DNA was diluted 2X and 10 µL of the diluted DNA was used for the assays. Each 30 µL adenovirus PCR reaction contained 15 µL of 2X QuantiTect multiplex PCR master mix (Qiagen, Hilden, Germany), 66 nM of B/E/C primers, 415 nM of A/F primers, 67 nM B/E/C probes, 100 nM A/F probes, and 0.03 unites of uracil-N-glycosylase (UNG). Each 30 µl HSV typing quantification real-time PCR

reaction contained 15 µl of 2X QuantiTect multiplex PCR master mix, 830 nM primers, 150 nM HSV-1 probe (VIC/QSY), 100 nM HSV-2 probe (FAM/QSY) and 0.03 units of UNG. An internal amplification control (EXO) [11] was spiked in to all PCR reactions to monitor PCR inhibition and a negative result was accepted only if EXO was amplified and detected. Cycling conditions for both adenovirus and HSV assays included the following: 50°C for 2 minutes, 95°C for 15 minutes, followed by 45 cycles of 94°C for 1 minute and 60°C for 1 minute.

Primer and Probe Sequences

Target	Primer Sequences	Probe Sequences	PCR Conditions
Mycoplasma penetrans	56F 5'- CGGACGAAGCACTTGTGCTT-3' 184R 5'-TTTTCTCATGCGATAGTAATGTCC-3'	5′-FAM-TAACATACCTTTTAGT-GGGGGATAACTGGTTG-TAM-3'	55°C Anneal 39 sec, 72°C Extension 30 sec
Ureaplasma urealyticum	359F 5'- CAATTTACATCATCGACGTTGCC-3' 463R 5'-GAGCTAAATCAACTTTATTGATGATG-3'	5′-FAM-CCTCGTAAAGGCGGAC-AAG-MGB-3'	56°C Anneal 30 sec, 72°C Extension 30 sec
Haemophilus influenzae	957F 5'-GCCCGTAGCTAACGTGATAAATCG-3' 1127R 5'-AAGCTCATCTCTGAGCTCTTCTTAGG-3'	5'-FAM-CAAGCGGTGGAGCAT-GTGGTTTAATT-TAMRA-3'	55°C Anneal 20 sec, 72°C Extension 20 sec
Trichomonas vaginalis	Tvag_F 5'-CATTGACCACACGGACAAAAAG-3' Tvag_R 5'-CGAAGTGCTCGAATGCGA-3'	5' FAM-TCATTTCGGATGGTCA-AGCAGCCA-MGB 3'	60°C Anneal/ Extension 1 min

Specificity Testing for *Mycoplasma penetrans*

Actinomyces urogenitalis	*Megasphaera* species type 2
Aerococcus christensenii	*Mobiluncus curtisii*
Aerococcus sanguinicola	*Mobiluncus mulieris*
Anaerococcus tetradius	*Mycoplasma genitalium*
Atopobium minitum	*Mycoplasma hominis*
Atopobium parvulum	*Mycoplasma microtii*
Atopobium vaginae	*Mycoplasma penetrans*
Bifidobacterium bifidum	*Mycoplasma pneumoniae*
Bifidobacterium longum	*Parvimonas* species type 1
Brevibacterium lutescens	*Parvimonas* species type 2
BVAB1	*Peptoniphilus lacrimalis*
BVAB2	*Porphyromonas asaccharolytica*
BVAB3 (*Mageeibacillus indolicus*)	*Porphyromonas* sp. type 1
Citrobacter koseri	*Porphyromonas uenonis*
Corynebacterium amycolatum	*Prevotella amnii*
Corynebacterium aurimucosum	*Prevotella bivia*
Corynebacterium frenyii	*Prevotella buccalis*
Dialister micraerophilus	*Prevotella colorans*
Dialister sp. type 2	*Prevotella denticola*
Eggerthella sp. type 1	*Prevotella disiens*
Enterobacter aerogenes	*Prevotella melaninogenica*
Enterococcus faecalis	*Prevotella salivae*
Escherichia coli	*Prevotella timonensis*
Finegoldia magna	*Proteus mirabilis*
Fusobacterium nucleatum	*Sneathia amnii*
Gardnerella vaginalis	*Sneathia sanguinegens*
Gemella assacharolytica	*Staphylococcus aureus*
Haemophilus influenzae	*Staphylococcus capitis*
Haemophilus influenzae biogroup *aegyptius*	*Staphylococcus epidermidis*
Haemophilus parainfluenzae	*Staphylococcus haemolyticus*
Human genomic DNA	*Staphylococcus hominis*
Lactobacillus coleohominis	*Staphylococcus lugdunensis*
Lactobacillus crispatus	*Streptococcus agalactiae*
Lactobacillus gasseri	*Streptococcus anginosus*
Lactobacillus iners	*Streptococcus mitis*
Lactobacillus jensenii	*Streptococcus salivarius*
Lactobacillus johnsonii	*Ureaplasma parvum*
Lactobacillus vaginalis	*Ureaplasma urealyticum*
Megasphaera micronuciformis	*Veillonella montpellierensis*
Megasphaera species type 1	

Specificity Testing for *Ureaplasma urealyticum*

Actinomyces urogenitalis	*Megasphaera* species type 2
Aerococcus sanguinicola	*Mobiluncus curtisii*
Anaerococcus hydrogenalis	*Mobiluncus mulieris*
Anaerococcus tetradius	*Mycoplasma hominis*
Atopobium minitum	*Parvimonas* species type 1
Atopobium parvulum	*Parvimonas* species type 2
Atopobium vaginae	*Peptoniphilus lacrimalis*
Bifidobacterium bifidum	*Porphyromonas asaccharolytica*
Bifidobacterium longum	*Porphyromonas uenonis*
Brevibacterium lutescens	*Prevotella amnii*
Citrobacter koseri	*Prevotella bivia*
Corynebacterium amycolatum	*Prevotella buccalis*
Corynebacterium aurimucosum	*Prevotella colorans*
Corynebacterium frenyii	*Prevotella denticola*
Corynebacterium pseudogenitalium	*Prevotella disiens*
Dialister micraerophilus	*Prevotella melaninogenica*
Enterobacter aerogenes	*Prevotella salivae*
Enterococcus faecalis	*Prevotella timonensis*
Escherichia coli	*Proteus mirabilis*
Finegoldia magna	*Sneathia amnii*
Fusobacterium nucleatum	*Sneathia sanguinegens*
Gardnerella vaginalis	*Staphylococcus aureus*
Haemophilus influenzae	*Staphylococcus capitis*
Haemophilus influenzae biogroup *aegyptius*	*Staphylococcus epidermidis*
Haemophilus parainfluenzae	*Staphylococcus haemolyticus*
Human genomic DNA	*Staphylococcus hominis*
Lactobacillus coleohominis	*Staphylococcus lugdunensis*
Lactobacillus crispatus	*Streptococcus agalactiae*
Lactobacillus gasseri	*Streptococcus anginosus*
Lactobacillus iners	*Streptococcus mitis*
Lactobacillus jensenii	*Streptococcus salivarius*
Lactobacillus johnsonii	*Ureaplasma parvum*
Megasphaera micronuciformis	*Ureaplasma urealyticum*
Megasphaera species type 1	*Veillonella montpellierensis*

Specificity Testing for *Haemophilus influenzae*

Actinomyces urogenitalis	*Megasphaera elsdenii*
Aerococcus christensenii	*Megasphaera micronuciformis*
Aerococcus sanguinicola	*Megasphaera* species type 1
Anaerococcus hydrogenalis	*Megasphaera* species type 2
Anaerococcus tetradius	*Mobiluncus curtisii*
Atopobium minitum	*Mobiluncus mulieris*
Atopobium parvulum	*Mycoplasma genitalium*
Atopobium vaginae	*Mycoplasma hominis*
Bifidobacterium bifidum	*Mycoplasma microtii*
Brevibacterium lutescens	*Mycoplasma penetrans*
BVAB1	*Mycoplasma pneumoniae*
BVAB2	*Parvimonas* species type 1
BVAB3 (*Mageeibacillus indolicus*)	*Parvimonas* species type 2
Citrobacter koseri	*Peptoniphilus lacrimalis*
Corynebacterium amycolatum	*Porphyromonas asaccharolytica*
Corynebacterium aurimucosum	*Porphyromonas* sp. type 1
Corynebacterium frenyii	*Porphyromonas uenonis*
Corynebacterium pseudogenitalium	*Prevotella amnii*
Cutibacterium acnes	*Prevotella bivia*
Dialister micraerophilus	*Prevotella buccalis*
Dialister sp. type 2	*Prevotella colorans*
Eggerthella sp. type 1	*Prevotella denticola*
Enterobacter aerogenes	*Prevotella disiens*
Enterococcus faecalis	*Prevotella melaninogenica*
Escherichia coli	*Prevotella salivae*
Finegoldia magna	*Prevotella timonensis*
Fusobacterium nucleatum	*Proteus mirabilis*
Gardnerella vaginalis	*Sneathia amnii*
Gemella assacharolytica	*Sneathia sanguinegens*
Haemophilus influenzae biogroup *aegyptius*	*Staphylococcus epidermidis*
Haemophilus parainfluenzae	*Staphylococcus hominis*
Human genomic DNA	*Staphylococcus lugdunensis*
Lactobacillus coleohominis	*Streptococcus agalactiae*
Lactobacillus crispatus	*Streptococcus anginosus*
Lactobacillus gasseri	*Streptococcus mitis*
Lactobacillus iners	*Ureaplasma parvum*
Lactobacillus jensenii	*Ureaplasma urealyticum*
Lactobacillus johnsonii	*Veillonella montpellierensis*

Specificity Testing for *Trichomonas vaginalis*

Actinomyces urogenitalis	*Megasphaera* species type 2
Aerococcus sanguinicola	*Mobiluncus curtisii*
Anaerococcus hydrogenalis	*Mobiluncus mulieris*
Anaerococcus tetradius	*Mycoplasma genitalium*
Atopobium minitum	*Mycoplasma hominis*
Atopobium parvulum	*Mycoplasma microtii*
Atopobium vaginae	*Mycoplasma penetrans*
Bifidobacterium bifidum	*Mycoplasma pneumoniae*
Bifidobacterium longum	*Parvimonas* species type 1
Brevibacterium lutescens	*Parvimonas* species type 2
Citrobacter koseri	*Peptoniphilus lacrimalis*
Corynebacterium amycolatum	*Porphyromonas asaccharolytica*
Corynebacterium aurimucosum	*Porphyromonas uenonis*
Corynebacterium frenyii	*Prevotella amnii*
Corynebacterium pseudogenitalium	*Prevotella bivia*
Cutibacterium acnes	*Prevotella buccalis*
Dialister micraerophilus	*Prevotella colorans*
Eggerthella sp. type 1	*Prevotella denticola*
Enterobacter aerogenes	*Prevotella disiens*
Enterococcus faecalis	*Prevotella melaninogenica*
Escherichia coli	*Prevotella salivae*
Finegoldia magna	*Prevotella timonensis*
Fusobacterium nucleatum	*Proteus mirabilis*
Gardnerella vaginalis	*Sneathia amnii*
Gemella assacharolytica	*Sneathia sanguinegens*
Haemophilus influenzae	*Staphylococcus aureus*
Haemophilus influenzae biogroup *aegyptius*	*Staphylococcus capitis*
Haemophilus parainfluenzae	*Staphylococcus epidermidis*
Human genomic DNA	*Staphylococcus haemolyticus*
Lactobacillus coleohominis	*Staphylococcus hominis*
Lactobacillus crispatus	*Staphylococcus lugdunensis*
Lactobacillus gasseri	*Streptococcus agalactiae*
Lactobacillus iners	*Streptococcus anginosus*
Lactobacillus jensenii	*Streptococcus mitis*
Lactobacillus johnsonii	*Streptococcus salivarius*
Lactobacillus vaginalis	*Ureaplasma parvum*
Megasphaera micronuciformis	*Ureaplasma urealyticum*
Megasphaera species type 1	*Veillonella montpellierensis*

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Taxonomic Output of Sequence Reads for Negative Controls: Buffer_01 - Buffer_20

Species	buffer_01	buffer_02	buffer_03	buffer_04	buffer_05	buffer_06	buffer_07	buffer_08	buffer_09	buffer_10	buffer_11	buffer_12	buffer_13	buffer_14	buffer_15	buffer_16	buffer_17	buffer_18	buffer_19	buffer_20
[Clostridium] hiranonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0
Acidovorax/Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/johnsonii	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	0	22	0	0
Acinetobacter haemolyticus/schindleri	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0
Acinetobacter parvus	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
Acinetobacter proteolyticus	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0
Acinetobacter schindleri	4	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0
Actinomyces oris/viscosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0
Aerococcus urinaeequi/viridans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	7	0	0	0
Aeromonas caviae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0
Aeromonas veronii	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Afipia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aggregatibacter aphrophilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alishewanella	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0
Alloiococcus	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0
Altererythrobacter epoxidivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Anaerococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus lactolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus octavius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus prevotii/tetradius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaeromyxobacter	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arenimonas	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
Atopobium vaginae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Bacillaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus dakarensis	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus foraminis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus idriensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus malikii	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
Bacteroidales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergeyella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blastococcus endophyticus	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0
Brevibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium casei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium ihuae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0
Brevundimonas	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
Brevundimonas vesicularis	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	20	0	0	0
Brevundimonas/Caulobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderia pyrrocinia/stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderiales Genera incertae sedis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter rectus/showae	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharibacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	6	0	0	0	0
Capnocytophaga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacteriaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacterium inhibens/jeotgali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casaltella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus asaccharovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus/Methylobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseomicrobium amylolyticum	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0
Cloacibacterium normanense	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	4	0	0	0	0
Clostridium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacteriales	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0
Corynebacterium	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
Corynebacterium accolens/macginleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium appendicis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium aurimucosum/minutissimum/singulare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium coyleae	0	0	0	0	0	0	0	0	0	15	0	0	12	0	0	0	0	0	0	0
Corynebacterium fournierii/mucifaciens/ureicelerivorans	0	0	0	0	0	0	0	0	0	13	8	0	0	0	18	0	16	0	0	0
Corynebacterium hadale/imitans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pollutisoli	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0
Corynebacterium propinquum/pseudodiphtheriticum	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pseudogenitalium/tuberculostearicum	0	0	0	0	0	0	0	0	0	19	12	0	0	0	0	0	0	0	0	0
Craurococcus roseus	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Curvibacter	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	17	5	0	0

Buffer_01 - Buffer_20

Species	buffer_01	buffer_02	buffer_03	buffer_04	buffer_05	buffer_06	buffer_07	buffer_08	buffer_09	buffer_10	buffer_11	buffer_12	buffer_13	buffer_14	buffer_15	buffer_16	buffer_17	buffer_18	buffer_19	buffer_20
Curvibacter gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium acnes	0	0	0	0	0	0	0	0	0	23	20	25	0	0	12	0	4	0	0	0
Cutibacterium avidum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclobacterium lianum	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deinococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Devosia chinhatensis	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialister sp. type 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eikenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterobacter cloacae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0
Enterococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelotrichaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erythrobacter citreus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ezakiella	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filifactor alocis	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
Finegoldia magna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
Flavobacterium aquaticum	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
Fusobacterium nucleatum	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
Gardnerella vaginalis	0	0	0	0	0	0	0	0	6	17	0	0	0	0	0	0	12	0	1059	0
Gemella haemolysans/taiwanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0
Gemella sanguinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0
Gemmatimonas	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0
Gemmobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Globicatella sulfidifaciens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0
Gordonia terrae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
Granulicatella adiacens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Haemophilus haemolyticus/quentini	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parahaemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parainfluenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Halomonas xinjiangensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
Holdemanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inhella inkyongensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Janibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kingella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Klebsiella pneumoniae/variicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria kristinae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria rosea/turfanensis	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Kocuria turfanensis	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Kurthia gibsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0
Lactobacillales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus helveticus	0	0	0	0	0	0	0	0	0	0	3	0	0	0	16	0	0	0	0	0
Lactobacillus iners	7	24	17	64	47	0	0	0	0	0	0	0	3	0	0	0	6	0	0	0
Lactococcus lactis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0
Lagierella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
Lawsonella clevelandensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leifsonia aquatica/shinshuensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia hofstadii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia shahii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia	0	0	0	0	0	0	0	0	0	15	0	8	0	0	0	0	0	0	0	0
Massilia haematophila	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
Mesorhizobium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methylobacterium radiotolerans	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0
Microbacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium arborescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micrococcus lylae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium chelonae complex	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium gordonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma genitalium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma penetrans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria bacilliformis	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0
Neisseria flavescens/mucosa/perflava/subflava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nesterenkonia lacusekhoensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
Nocardiopsis salina	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Buffer_01 - Buffer_20

Species	buffer_01	buffer_02	buffer_03	buffer_04	buffer_05	buffer_06	buffer_07	buffer_08	buffer_09	buffer_10	buffer_11	buffer_12	buffer_13	buffer_14	buffer_15	buffer_16	buffer_17	buffer_18	buffer_19	buffer_20
Noviherbaspirillum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0
Novosphingobium pentaromativorans/resinovorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paenibacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea agglomerans/dispersa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0
Pantoea stewartii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paracoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peptoniphilus asaccharolyticus/grossensis/harei/phoceensis/rhinitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
Phycicoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pontibacter	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
Porphyromonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella	0	0	0	0	0	0	0	0	0	0	0	0	8	7	0	0	0	11	0	0
Prevotella amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella disiens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
Prevotella melaninogenica	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	87	0
Prevotella timonensis	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoclavibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas antarctica/fluorescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas baetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas fluorescens/koreensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas gessardii	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0
Pseudomonas monteilii	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0
Pseudomonas oleovorans/pseudoalcaligenes group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas resinovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0
Pseudomonas stutzeri subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Pseudoxanthomonas indica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas mexicana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychrobacter alimentarius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera perlucida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacteraceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodococcus corynebacterioides/kroppenstedtii	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
Romboutsia timonensis	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
Rothia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0
Rothia amarae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0
Saccharopolyspora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigella/Escherichia	0	0	0	0	0	0	6	41	12	95	0	0	0	0	0	0	0	0	0	0
Sneathia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia amnii	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	652	0
Sneathia sanguinegens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingobium yanoikuyae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas kaistensis	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas starnbergensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Staphylococcus aureus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus capitis/caprae	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	13	0	0	10	0
Staphylococcus caprae/cohnii/epidermidis	0	0	0	0	0	0	0	0	0	37	0	0	3	0	46	0	0	0	0	0
Staphylococcus cohnii/saprophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus epidermidis/hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus equorum/saprophyticus/xylosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus haemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus agalactiae	3	0	0	44	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Streptococcus anginosus	0	0	0	6	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus mitis group	0	0	0	0	28	0	13	23	36	34	13	0	12	8	9	0	0	16	28	0
Thiopseudomonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turicella otitidis	19	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Clostridiales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Variovorax gossypii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella dispar/parvula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Veillonella montpellierensis	0	0	0	0	0	13	0	0	0	0	0	5	0	0	0	0	0	0	0	0
Williamsia faeni/muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0
Zoogloea resiniphila	0	0	0	0	0	0	0	0	0	10	0	0	0	0	4	0	0	0	0	0

Buffer_21 - Buffer_40

Species	buffer_21	buffer_22	buffer_23	buffer_24	buffer_25	buffer_26	buffer_27	buffer_28	buffer_29	buffer_30	buffer_31	buffer_32	buffer_33	buffer_34	buffer_35	buffer_36	buffer_37	buffer_38	buffer_39	buffer_40
[Clostridium] hiranonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acidovorax/Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0
Acinetobacter haemolyticus/johnsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0
Acinetobacter haemolyticus/schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter parvus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0
Acinetobacter proteolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0
Actinomyces oris/viscosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerococcus urinaeequi/viridans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas caviae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afipia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aggregatibacter aphrophilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
Alishewanella	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alloiococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Altererythrobacter epoxidivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Anaerococcus lactolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus octavius	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Anaerococcus prevotii/tetradius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0
Anaeromyxobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arenimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Atopobium vaginae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus dakarensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus foraminis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
Bacillus idriensis	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0
Bacillus malikii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
Bacteroidales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergeyella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0
Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blastococcus endophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium casei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0
Brevibacterium ihuae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas vesicularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0
Brevundimonas/Caulobacter	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderia pyrrocinia/stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderiales Genera incertae sedis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter rectus/showae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharibacteria	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capnocytophaga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
Carnobacteriaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
Carnobacterium inhibens/jeotgali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0
Casaltella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0
Chelatococcus asaccharovorans	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus/Methylobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
Chryseobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseomicrobium amylolyticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cloacibacterium normanense	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0
Clostridium	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacteriales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium	0	0	0	0	0	0	0	0	0	0	0	0	6	0	11	0	0	0	0	6
Corynebacterium accolens/macginleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0
Corynebacterium appendicis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0
Corynebacterium aurimucosum/minutissimum/singulare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium coyleae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium fournierii/mucifaciens/ureicelerivorans	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
Corynebacterium hadale/imitans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Corynebacterium pollutisoli	0	0	0	5	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0
Corynebacterium propinquum/pseudodiphtheriticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pseudogenitalium/tuberculostearicum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	19	0	0	0
Craurococcus roseus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Curvibacter	0	12	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0

Buffer_21 - Buffer_40

Species	buffer_21	buffer_22	buffer_23	buffer_24	buffer_25	buffer_26	buffer_27	buffer_28	buffer_29	buffer_30	buffer_31	buffer_32	buffer_33	buffer_34	buffer_35	buffer_36	buffer_37	buffer_38	buffer_39	buffer_40
Curvibacter gracilis	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium acnes	13	0	0	0	0	0	0	0	0	24	12	0	0	13	40	3	142	0	0	30
Cutibacterium avidum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0
Cyanobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclobacterium lianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deinococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Devosia chinhatensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialister sp. type 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Eikenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	7
Enterobacter cloacae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0
Enterococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelotrichaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erythrobacter citreus	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ezakiella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filifactor alocis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finegoldia magna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flavobacterium aquaticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0
Fusobacterium nucleatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gardnerella vaginalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella haemolysans/taiwanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella sanguinis	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0
Gemmatimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Globicatella sulfidifaciens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gordonia terrae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granulicatella adiacens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus haemolyticus/quentini	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parahaemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parainfluenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0
Halomonas xinjiangensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Helicobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holdemanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inhella inkyongensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Janibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	9	0	0
Kingella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Klebsiella pneumoniae/variicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0
Kocuria kristinae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria rosea/turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurthia gibsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0
Lactobacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
Lactobacillus helveticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0
Lactobacillus iners	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactococcus lactis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagierella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonella clevelandensis	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	6	0	0	6	0
Leifsonia aquatica/shinshuensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia hofstadii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia shahii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0
Macrococcus	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Massilia haematophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mesorhizobium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methylobacterium radiotolerans	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0
Microbacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
Microbacterium arborescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micrococcus lylae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium chelonae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium gordonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0
Mycoplasma genitalium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma penetrans	0	0	0	0	4	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0
Neisseria bacilliformis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria flavescens/mucosa/perflava/subflava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0
Nesterenkonia lacusekhoensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nocardiopsis salina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Buffer_21 - Buffer_40

Species	buffer_21	buffer_22	buffer_23	buffer_24	buffer_25	buffer_26	buffer_27	buffer_28	buffer_29	buffer_30	buffer_31	buffer_32	buffer_33	buffer_34	buffer_35	buffer_36	buffer_37	buffer_38	buffer_39	buffer_40
Noviherbaspirillum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Novosphingobium pentaromativorans/resinovorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paenibacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea agglomerans/dispersa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea stewartii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Paracoccus	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	12	0	0	0
Peptoniphilus asaccharolyticus/grossensis/harei/phoceensis/rhinitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phycicoccus	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pontibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porphyromonas	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella	0	0	0	0	0	9	0	0	0	10	0	0	0	0	0	0	0	0	0	0
Prevotella amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella disiens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella melaninogenica	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella timonensis	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoclavibacter	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
Pseudomonas antarctica/fluorescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas baetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Pseudomonas fluorescens/koreensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas gessardii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas monteilii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas oleovorans/pseudoalcaligenes group	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas resinovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0
Pseudomonas stutzeri group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Pseudomonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas indica	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas mexicana	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychrobacter alimentarius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0
Rheinheimera perlucida	0	6	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0
Rhodobacter	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacteraceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodococcus corynebacterioides/kroppenstedtii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Romboutsia timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0
Rothia	0	0	0	7	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia amarae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	0	0	0	0
Saccharopolyspora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Shigella/Escherichia	0	0	0	0	0	0	0	0	0	0	22	71	44	28	52	0	27	0	0	0
Sneathia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia sanguinegens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingobium yanoikuyae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas kaistensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas starnbergensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus capitis/caprae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus caprae/cohnii/epidermidis	0	0	0	0	0	8	0	6	0	15	18	56	0	0	0	22	0	0	0	0
Staphylococcus cohnii/saprophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0
Staphylococcus epidermidis/hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus equorum/saprophyticus/xylosus	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0
Staphylococcus haemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus agalactiae	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Streptococcus anginosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus mitis group	30	0	42	0	35	17	25	0	44	89	27	0	24	10	13	10	32	15	16	12
Thiopseudomonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0
Turicella otitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	8	0	0	0	0
unclassified Clostridiales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0
Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Variovorax gossypii	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella dispar/parvula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0
Veillonella montpellierensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Williamsia faeni/muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zoogloea resiniphila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Buffer_41 - Buffer_58

Species	buffer_41	buffer_42	buffer_43	buffer_44	buffer_45	buffer_46	buffer_47	buffer_48	buffer_49	buffer_50	buffer_51	buffer_52	buffer_53	buffer_54	buffer_55	buffer_56	buffer_57	buffer_58		
[Clostridium] hiranonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Acidovorax/Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Acinetobacter haemolyticus/johnsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Acinetobacter haemolyticus/schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Acinetobacter parvus	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0		
Acinetobacter proteolyticus	0	0	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	0		
Acinetobacter schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Actinomyces oris/viscosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Aerococcus urinaeequi/viridans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Aeromonas caviae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Aeromonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Afipia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Aggregatibacter aphrophilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Alishewanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Alloiococcus	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Altererythrobacter epoxidivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Anaerococcus	0	0	0	0	0	4	0	0	0	0	0	0	0	52	0	0	0	0		
Anaerococcus lactolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Anaerococcus octavius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Anaerococcus prevotii/tetradius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Anaeromyxobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Arenimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Atopobium vaginae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bacillaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bacillus dakarensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bacillus foraminis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bacillus idriensis	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0		
Bacillus malikii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bacteroidales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bergeyella	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0		
Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Blastococcus endophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Brevibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Brevibacterium casei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Brevibacterium ihuae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Brevundimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Brevundimonas vesicularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Brevundimonas/Caulobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Burkholderia pyrrocinia/stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Burkholderiales Genera incertae sedis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Campylobacter rectus/showae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Candidatus Saccharibacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Candidatus Saccharimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Capnocytophaga	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0		
Cardiobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Carnobacteriaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Carnobacterium inhibens/jeotgali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Casaltella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Chelatococcus asaccharovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Chelatococcus/Methylobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Chryseobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Chryseobacterium hominis	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0		
Chryseomicrobium amylolyticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Cloacibacterium normanense	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0		
Clostridium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Corynebacteriales	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0		
Corynebacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0		
Corynebacterium accolens/macginleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Corynebacterium appendicis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Corynebacterium aurimucosum/minutissimum/singulare	0	0	0	0	0	0	0	0	0	0	0	0	0	42	0	0	0	0		
Corynebacterium coyleae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Corynebacterium fournierii/mucifaciens/ureicelerivorans	0	0	0	0	0	0	0	0	0	0	0	71	0	0	0	0	0	0		
Corynebacterium hadale/imitans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Corynebacterium pollutisoli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Corynebacterium propinquum/pseudodiphtheriticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Corynebacterium pseudogenitalium/tuberculostearicum	0	0	0	0	0	0	14	3	0	0	0	0	0	0	0	0	0	0		
Craurococcus roseus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Curvibacter	0	0	0	0	0	0	43	0	0	0	0	222	0	0	0	0	0	0		

Buffer_41 - Buffer_58

Species	buffer_41	buffer_42	buffer_43	buffer_44	buffer_45	buffer_46	buffer_47	buffer_48	buffer_49	buffer_50	buffer_51	buffer_52	buffer_53	buffer_54	buffer_55	buffer_56	buffer_57	buffer_58		
Curvibacter gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Cutibacterium acnes	0	10	10	0	0	29	43	7	0	0	29	0	0	50	0	0	0	0		
Cutibacterium avidum	0	0	0	0	0	0	0	0	0	0	0	0	8	33	0	0	0	0		
Cyanobacteria	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0		
Cyclobacterium lianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Deinococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Devosia chinhatensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Dialister sp. type 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Eikenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Enterobacter cloacae complex	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0		
Enterococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Erysipelotrichaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Erythrobacter citreus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Ezakiella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Filifactor alocis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Finegoldia magna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Flavobacterium aquaticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Fusobacterium nucleatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gardnerella vaginalis	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0		
Gemella haemolysans/taiwanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0		
Gemella sanguinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gemmatimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gemmobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Globicatella sulfidifaciens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Gordonia terrae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Granulicatella adiacens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Haemophilus haemolyticus/quentini	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Haemophilus influenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Haemophilus parahaemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Haemophilus parainfluenzae	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0		
Halomonas xinjiangensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Helicobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Holdemanella	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0		
Inhella inkyongensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Janibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Kingella	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0		
Klebsiella pneumoniae/variicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Kocuria kristinae	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0		
Kocuria rosea/turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Kocuria turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Kurthia gibsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lactobacillales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lactobacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lactobacillus helveticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lactobacillus iners	0	0	0	0	0	0	0	0	0	0	2	0	0	0	9	0	20	0		
Lactococcus lactis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lagierella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lawsonella clevelandensis	0	0	0	0	0	0	17	13	0	0	0	0	0	0	0	0	0	0		
Leifsonia aquatica/shinshuensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Leptotrichia	0	0	0	0	0	0	0	0	0	0	0	46	0	0	0	0	0	0		
Leptotrichia hofstadii	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0		
Leptotrichia shahii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Macrococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Massilia	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0		
Massilia haematophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Mesorhizobium	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0		
Methylobacterium radiotolerans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Microbacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Microbacterium arborescens	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0		
Micrococcus lylae	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0		
Mycobacterium chelonae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Mycobacterium gordonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Mycoplasma genitalium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Mycoplasma penetrans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Neisseria bacilliformis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Neisseria flavescens/mucosa/perflava/subflava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Nesterenkonia lacusekhoensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Nocardiopsis salina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Buffer_41 - Buffer_58

Species	buffer_41	buffer_42	buffer_43	buffer_44	buffer_45	buffer_46	buffer_47	buffer_48	buffer_49	buffer_50	buffer_51	buffer_52	buffer_53	buffer_54	buffer_55	buffer_56	buffer_57	buffer_58		
Noviherbaspirillum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Novosphingobium pentaromativorans/resinovorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Paenibacillus	0	0	0	0	6	0	0	0	18	0	0	0	0	0	0	0	0	0		
Pantoea agglomerans/dispersa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pantoea stewartii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Paracoccus	0	0	0	0	0	3	24	0	0	0	0	59	0	0	0	0	0	0		
Peptoniphilus asaccharolyticus/grossensis/harei/phoceensis/rhinitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Phycicoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pontibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Porphyromonas	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Prevotella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Prevotella amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Prevotella disiens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Prevotella melaninogenica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Prevotella timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudoclavibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudomonas antarctica/fluorescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudomonas baetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudomonas fluorescens/koreensis	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0		
Pseudomonas gessardii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudomonas monteilii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudomonas oleovorans/pseudoalcaligenes group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudomonas resinovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudomonas stutzeri group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudomonas stutzeri subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudomonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudoxanthomonas indica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pseudoxanthomonas mexicana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Psychrobacter alimentarius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
Rheinheimera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Rheinheimera perlucida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Rhodobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Rhodobacteraceae	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0		
Rhodococcus corynebacterioides/kroppenstedtii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Romboutsia timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Rothia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Rothia amarae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Saccharopolyspora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Shigella/Escherichia	16	0	0	0	0	0	0	18	0	13	0	0	0	0	0	0	0	0		
Sneathia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sneathia amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sneathia sanguinegens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sphingobium yanoikuyae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sphingomonas kaistensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sphingomonas starnbergensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Staphylococcus aureus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Staphylococcus capitis/caprae	0	0	0	0	0	0	0	0	0	0	0	0	0	77	0	0	0	0		
Staphylococcus caprae/cohnii/epidermidis	0	9	0	0	0	6	101	0	0	0	0	94	0	71	19	0	0	0		
Staphylococcus cohnii/saprophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Staphylococcus epidermidis/hominis	0	0	0	0	0	0	54	0	0	0	0	14	0	0	0	0	0	0		
Staphylococcus equorum/saprophyticus/xylosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Staphylococcus haemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Streptococcus agalactiae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	11	0	14		
Streptococcus anginosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Streptococcus mitis group	18	8	12	21	12	0	0	0	0	0	12	8	6	13	0	8	18	19		
Thiopseudomonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Turicella otitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
unclassified Clostridiales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Undibacterium	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0		
Variovorax gossypii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Veillonella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Veillonella dispar/parvula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Veillonella montpellierensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Williamsia faeni/muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Zoogloea resiniphila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Water_01 - Water_21

Species	water_01	water_02	water_03	water_04	water_05	water_06	water_07	water_08	water_09	water_10	water_11	water_12	water_13	water_14	water_15	water_16	water_17	water_18	water_19	water_20	water_21
[Clostridium] hiranonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acidovorax/Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/johnsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter parvus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter proteolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomyces oris/viscosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerococcus urinaeequi/viridans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas caviae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afipia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aggregatibacter aphrophilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alishewanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alloiococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Altererythrobacter epoxidivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus lactolyticus	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0
Anaerococcus octavius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus prevotii/tetradius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaeromyxobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arenimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atopobium vaginae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus dakarensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus foraminis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus idriensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus malikii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacteroidales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergeyella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blastococcus endophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium casei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium ihuae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas vesicularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas/Caulobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderia pyrrocinia/stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0
Burkholderiales Genera incertae sedis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter rectus/showae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharibacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capnocytophaga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacteriaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacterium inhibens/jeotgali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casaltella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus asaccharovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus/Methylobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseomicrobium amylolyticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cloacibacterium normanense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clostridium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacteriales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium accolens/macginleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium appendicis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium aurimucosum/minutissimum/singulare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium coyleae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium fournierii/mucifaciens/ureicelerivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium hadale/imitans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pollutisoli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium propinquum/pseudodiphtheriticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pseudogenitalium/tuberculostearicum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craurococcus roseus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Curvibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_01 - Water_21

Species	water_01	water_02	water_03	water_04	water_05	water_06	water_07	water_08	water_09	water_10	water_11	water_12	water_13	water_14	water_15	water_16	water_17	water_18	water_19	water_20	water_21
Curvibacter gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium acnes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium avidum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclobacterium lianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deinococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Devosia chinhatensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialister sp. type 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eikenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterobacter cloacae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelotrichaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erythrobacter citreus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ezakiella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filifactor alocis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finegoldia magna	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
Flavobacterium aquaticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fusobacterium nucleatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gardnerella vaginalis	0	0	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella haemolysans/taiwanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella sanguinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmatimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Globicatella sulfidifaciens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gordonia terrae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granulicatella adiacens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus haemolyticus/quentini	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0
Haemophilus parahaemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parainfluenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Halomonas xinjiangensis	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Helicobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holdemanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inhella inkyongensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Janibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kingella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Klebsiella pneumoniae/variicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria kristinae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria rosea/turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurthia gibsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus helveticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus iners	24	0	38	7	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
Lactococcus lactis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagierella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonella clevelandensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leifsonia aquatica/shinshuensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia hofstadii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia shahii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia haematophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mesorhizobium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methylobacterium radiotolerans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0
Microbacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium arborescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micrococcus lylae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium chelonae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium gordonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma genitalium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma penetrans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria bacilliformis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria flavescens/mucosa/perflava/subflava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nesterenkonia lacusekhoensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nocardiopsis salina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_01 - Water_21

Species	water_01	water_02	water_03	water_04	water_05	water_06	water_07	water_08	water_09	water_10	water_11	water_12	water_13	water_14	water_15	water_16	water_17	water_18	water_19	water_20	water_21
Noviherbaspirillum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Novosphingobium pentaromativorans/resinovorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paenibacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea agglomerans/dispersa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea stewartii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paracoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peptoniphilus asaccharolyticus/grossensis/harei/phoceensis/rhinitidis	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phycicoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pontibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porphyromonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
Prevotella amnii	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella disiens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella melaninogenica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoclavibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas antarctica/fluorescens	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas baetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas fluorescens/koreensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas gessardii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas monteilii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas oleovorans/pseudoalcaligenes group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas resinovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas indica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas mexicana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychrobacter alimentarius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera perlucida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacteraceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodococcus corynebacterioides/kroppenstedtii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Romboutsia timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia amarae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saccharopolyspora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigella/Escherichia	0	0	0	0	10	35	11	5	25	26	47	32	71	89	10	22	60	7	32	0	0
Sneathia	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
Sneathia amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia sanguinegens	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingobium yanoikuyae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas kaistensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas starnbergensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus capitis/caprae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus caprae/cohnii/epidermidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
Staphylococcus cohnii/saprophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus epidermidis/hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus equorum/saprophyticus/xylosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus haemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus agalactiae	0	14	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	12
Streptococcus anginosus	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Streptococcus mitis group	0	0	22	40	20	0	25	0	0	6	47	26	14	39	20	0	19	14	0	0	12
Thiopseudomonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turicella otitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Clostridiales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Variovorax gossypii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella dispar/parvula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella montpellierensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Williamsia faeni/muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zoogloea resiniphila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_22 - Water_42

Species	water_22	water_23	water_24	water_25	water_26	water_27	water_28	water_29	water_30	water_31	water_32	water_33	water_34	water_35	water_36	water_37	water_38	water_39	water_40	water_41	water_42
[Clostridium] hiranonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acidovorax/Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/johnsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter parvus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter proteolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomyces oris/viscosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerococcus urinaeequi/viridans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas caviae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afipia	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aggregatibacter aphrophilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alishewanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alloiococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Altererythrobacter epoxidivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus lactolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus octavius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus prevotii/tetradius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaeromyxobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arenimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atopobium vaginae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus dakarensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus foraminis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus idriensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus malikii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacteroidales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergeyella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Betaproteobacteria	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blastococcus endophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium casei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium ihuae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas vesicularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas/Caulobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderia pyrrocinia/stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderiales Genera incertae sedis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter rectus/showae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharibacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capnocytophaga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacteriaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacterium inhibens/jeotgali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casaltella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus asaccharovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus/Methylobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseomicrobium amylolyticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cloacibacterium normanense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clostridium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacteriales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium accolens/macginleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium appendicis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium aurimucosum/minutissimum/singulare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium coyleae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium fournierii/mucifaciens/ureicelerivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium hadale/imitans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pollutisoli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium propinquum/pseudodiphtheriticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pseudogenitalium/tuberculostearicum	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craurococcus roseus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Curvibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Species	water_22	water_23	water_24	water_25	water_26	water_27	water_28	water_29	water_30	water_31	water_32	water_33	water_34	water_35	water_36	water_37	water_38	water_39	water_40	water_41	water_42
Curvibacter gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium acnes	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium avidum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclobacterium lianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deinococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Devosia chinhatensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialister sp. type 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eikenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterobacter cloacae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelotrichaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erythrobacter citreus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ezakiella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filifactor alocis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finegoldia magna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flavobacterium aquaticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fusobacterium nucleatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gardnerella vaginalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella haemolysans/taiwanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella sanguinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmatimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Globicatella sulfidifaciens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gordonia terrae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granulicatella adiacens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus haemolyticus/quentini	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parahaemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parainfluenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Halomonas xinjiangensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holdemanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inhella inkyongensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Janibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kingella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Klebsiella pneumoniae/variicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria kristinae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria rosea/turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurthia gibsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus helveticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus iners	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactococcus lactis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagierella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonella clevelandensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leifsonia aquatica/shinshuensis	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia hofstadii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia shahii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia haematophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mesorhizobium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methylobacterium radiotolerans	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium arborescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micrococcus lylae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium chelonae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium gordonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma genitalium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma penetrans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
Neisseria bacilliformis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria flavescens/mucosa/perflava/subflava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nesterenkonia lacusekhoensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nocardiopsis salina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Species	water_22	water_23	water_24	water_25	water_26	water_27	water_28	water_29	water_30	water_31	water_32	water_33	water_34	water_35	water_36	water_37	water_38	water_39	water_40	water_41	water_42
Noviherbaspirillum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Novosphingobium pentaromativorans/resinovorum	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paenibacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea agglomerans/dispersa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea stewartii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paracoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peptoniphilus asaccharolyticus/grossensis/harei/phoceensis/rhinitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phycicoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pontibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porphyromonas	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	5	0	0
Prevotella amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella disiens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella melaninogenica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoclavibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas antarctica/fluorescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas baetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas fluorescens/koreensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas gessardii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas monteilii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas oleovorans/pseudoalcaligenes group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas resinovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas indica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas mexicana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychrobacter alimentarius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera perlucida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacteraceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodococcus corynebacterioides/kroppenstedtii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Romboutsia timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia amarae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saccharopolyspora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigella/Escherichia	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	8	0	0
Sneathia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia sanguinegens	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingobium yanoikuyae	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Sphingomonas kaistensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas starnbergensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus capitis/caprae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus caprae/cohnii/epidermidis	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus cohnii/saprophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus epidermidis/hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus equorum/saprophyticus/xylosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus haemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus agalactiae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus anginosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus mitis group	0	0	0	0	9	6	23	23	0	51	30	25	14	27	22	0	19	31	0	27	24
Thiopseudomonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turicella otitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Clostridiales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Variovorax gossypii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella dispar/parvula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella montpellierensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Williamsia faeni/muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zoogloea resiniphila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_43 - Water_63

Species	water_43	water_44	water_45	water_46	water_47	water_48	water_49	water_50	water_51	water_52	water_53	water_54	water_55	water_56	water_57	water_58	water_59	water_60	water_61	water_62	water_63
[Clostridium] hiranonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acidovorax/Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/johnsonii	0	0	0	0	0	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter parvus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter proteolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomyces oris/viscosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerococcus urinaeequi/viridans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas caviae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afipia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aggregatibacter aphrophilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alishewanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alloiococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Altererythrobacter epoxidivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus lactolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus octavius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus prevotii/tetradius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaeromyxobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arenimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atopobium vaginae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus dakarensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus foraminis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus idriensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus malikii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacteroidales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergeyella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blastococcus endophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
Brevibacterium casei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium ihuae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas vesicularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas/Caulobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderia pyrrocinia/stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderiales Genera incertae sedis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter rectus/showae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharibacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capnocytophaga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacteriaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacterium inhibens/jeotgali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casaltella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus asaccharovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus/Methylobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseomicrobium amylolyticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cloacibacterium normanense	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clostridium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacteriales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium accolens/macginleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium appendicis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium aurimucosum/minutissimum/singulare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium coyleae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium fournierii/mucifaciens/ureicelerivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium hadale/imitans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pollutisoli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium propinquum/pseudodiphtheriticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pseudogenitalium/tuberculostearicum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craurococcus roseus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Curvibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0

Water_43 - Water_63

Species	water_43	water_44	water_45	water_46	water_47	water_48	water_49	water_50	water_51	water_52	water_53	water_54	water_55	water_56	water_57	water_58	water_59	water_60	water_61	water_62	water_63
Curvibacter gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium acnes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium avidum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclobacterium lianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deinococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Devosia chinhatensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialister sp. type 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eikenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterobacter cloacae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelotrichaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erythrobacter citreus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ezakiella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filifactor alocis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finegoldia magna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flavobacterium aquaticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fusobacterium nucleatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gardnerella vaginalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
Gemella haemolysans/taiwanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella sanguinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmatimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Globicatella sulfidifaciens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gordonia terrae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granulicatella adiacens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus haemolyticus/quentini	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parahaemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parainfluenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Halomonas xinjiangensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holdemanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inhella inkyongensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Janibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kingella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Klebsiella pneumoniae/variicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria kristinae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria rosea/turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurthia gibsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus helveticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus iners	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactococcus lactis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagierella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonella clevelandensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
Leifsonia aquatica/shinshuensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia hofstadii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia shahii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
Massilia haematophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mesorhizobium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methylobacterium radiotolerans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium arborescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micrococcus lylae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium chelonae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium gordonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma genitalium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma penetrans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria bacilliformis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria flavescens/mucosa/perflava/subflava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nesterenkonia lacusekhoensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nocardiopsis salina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_43 - Water_63

Species	water_43	water_44	water_45	water_46	water_47	water_48	water_49	water_50	water_51	water_52	water_53	water_54	water_55	water_56	water_57	water_58	water_59	water_60	water_61	water_62	water_63
Noviherbaspirillum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Novosphingobium pentaromativorans/resinovorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paenibacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea agglomerans/dispersa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea stewartii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paracoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peptoniphilus asaccharolyticus/grossensis/harei/phoceensis/rhinitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phycicoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pontibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porphyromonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Prevotella amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella disiens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella melaninogenica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoclavibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas antarctica/fluorescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0
Pseudomonas baetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas fluorescens/koreensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas gessardii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas monteilii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas oleovorans/pseudoalcaligenes group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas resinovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas indica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas mexicana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychrobacter alimentarius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera perlucida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacteraceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodococcus corynebacterioides/kroppenstedtii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Romboutsia timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia amarae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saccharopolyspora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigella/Escherichia	0	0	0	0	0	0	0	0	20	20	101	55	19	36	33	68	26	29	16	111	0
Sneathia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia sanguinegens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingobium yanoikuyae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas kaistensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas starnbergensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus capitis/caprae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus caprae/cohnii/epidermidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus cohnii/saprophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus epidermidis/hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus equorum/saprophyticus/xylosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus haemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus agalactiae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus anginosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus mitis group	12	25	28	0	0	0	20	28	26	19	15	0	0	6	18	23	7	7	0	8	5
Thiopseudomonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turicella otitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Clostridiales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Variovorax gossypii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0
Veillonella dispar/parvula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella montpellierensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Williamsia faeni/muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zoogloea resiniphila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_64 - Water_84

Species	water_64	water_65	water_66	water_67	water_68	water_69	water_70	water_71	water_72	water_73	water_74	water_75	water_76	water_77	water_78	water_79	water_80	water_81	water_82	water_83	water_84
[Clostridium] hiranonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acidovorax/Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/johnsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter parvus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter proteolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomyces oris/viscosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerococcus urinaeequi/viridans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas caviae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afipia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aggregatibacter aphrophilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alishewanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alloiococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Altererythrobacter epoxidivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus lactolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus octavius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus prevotii/tetradius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaeromyxobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arenimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atopobium vaginae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
Bacillus dakarensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus foraminis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus idriensis	0	0	0	0	0	0	10	8	0	9	47	10	0	4	6	18	0	0	0	0	0
Bacillus malikii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacteroidales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergeyella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blastococcus endophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium casei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium ihuae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas vesicularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas/Caulobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderia pyrrocinia/stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderiales Genera incertae sedis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter rectus/showae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharibacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capnocytophaga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacteriaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacterium inhibens/jeotgali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casaltella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus asaccharovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus/Methylobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseomicrobium amylolyticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cloacibacterium normanense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clostridium	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacteriales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium accolens/macginleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium appendicis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium aurimucosum/minutissimum/singulare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium coyleae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium fournierii/mucifaciens/ureicelerivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium hadale/imitans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pollutisoli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium propinquum/pseudodiphtheriticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pseudogenitalium/tuberculostearicum	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Craurococcus roseus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Curvibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0

Water_64 - Water_84

Species	water_64	water_65	water_66	water_67	water_68	water_69	water_70	water_71	water_72	water_73	water_74	water_75	water_76	water_77	water_78	water_79	water_80	water_81	water_82	water_83	water_84
Curvibacter gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium acnes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium avidum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclobacterium lianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deinococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Devosia chinhatensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialister sp. type 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eikenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterobacter cloacae complex	0	0	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelotrichaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erythrobacter citreus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ezakiella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filifactor alocis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finegoldia magna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flavobacterium aquaticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fusobacterium nucleatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gardnerella vaginalis	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella haemolysans/taiwanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella sanguinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmatimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Globicatella sulfidifaciens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gordonia terrae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granulicatella adiacens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus haemolyticus/quentini	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parahaemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Haemophilus parainfluenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
Halomonas xinjiangensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holdemanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inhella inkyongensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Janibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kingella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Klebsiella pneumoniae/variicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria kristinae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria rosea/turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurthia gibsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus helveticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus iners	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactococcus lactis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagierella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonella clevelandensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leifsonia aquatica/shinshuensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia hofstadii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia shahii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia haematophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mesorhizobium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methylobacterium radiotolerans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium arborescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micrococcus lylae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium chelonae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium gordonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma genitalium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma penetrans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria bacilliformis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria flavescens/mucosa/perflava/subflava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nesterenkonia lacusekhoensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nocardiopsis salina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_64 - Water_84

Species	water_64	water_65	water_66	water_67	water_68	water_69	water_70	water_71	water_72	water_73	water_74	water_75	water_76	water_77	water_78	water_79	water_80	water_81	water_82	water_83	water_84
Noviherbaspirillum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Novosphingobium pentaromativorans/resinovorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paenibacillus	0	0	0	0	0	0	0	0	5	0	7	0	0	6	0	0	0	0	0	0	0
Pantoea agglomerans/dispersa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea stewartii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paracoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peptoniphilus asaccharolyticus/grossensis/harei/phoceensis/rhinitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phycicoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pontibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porphyromonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella	0	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella disiens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella melaninogenica	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Prevotella timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoclavibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas antarctica/fluorescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas baetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas fluorescens/koreensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas gessardii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas monteilii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas oleovorans/pseudoalcaligenes group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas resinovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas indica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas mexicana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychrobacter alimentarius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera perlucida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacteraceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodococcus corynebacterioides/kroppenstedtii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Romboutsia timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia amarae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saccharopolyspora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigella/Escherichia	40	0	44	0	110	0	19	0	0	7	0	0	22	10	0	0	0	0	0	0	0
Sneathia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia sanguinegens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingobium yanoikuyae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas kaistensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas starnbergensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus capitis/caprae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus caprae/cohnii/epidermidis	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus cohnii/saprophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus epidermidis/hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus equorum/saprophyticus/xylosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus haemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus agalactiae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus anginosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus mitis group	17	8	31	8	68	0	15	12	12	8	8	9	7	10	7	0	6	15	13	0	14
Thiopseudomonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turicella otitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Clostridiales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Variovorax gossypii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella dispar/parvula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella montpellierensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Williamsia faeni/muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zoogloea resiniphila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_85 - Water_104

Species	water_85	water_86	water_87	water_88	water_89	water_90	water_91	water_92	water_93	water_94	water_95	water_96	water_97	water_98	water_99	water_100	water_101	water_102	water_103	water_104
[Clostridium] hiranonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acidovorax/Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/johnsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter parvus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter proteolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomyces oris/viscosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerococcus urinaeequi/viridans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas caviae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas veronii	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0
Afipia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aggregatibacter aphrophilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alishewanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alloiococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Altererythrobacter epoxidivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus lactolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus octavius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus prevotii/tetradius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaeromyxobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arenimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atopobium vaginae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus dakarensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus foraminis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus idriensis	0	0	0	0	68	0	0	103	22	0	0	0	0	0	0	0	0	35	0	20
Bacillus malikii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacteroidales	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergeyella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blastococcus endophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium casei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium ihuae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas vesicularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas/Caulobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderia pyrrocinia/stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderiales Genera incertae sedis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter rectus/showae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharibacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharimonas	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capnocytophaga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacteriaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacterium inhibens/jeotgali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casaltella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus asaccharovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus/Methylobacterium	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseomicrobium amylolyticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cloacibacterium normanense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clostridium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacteriales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium accolens/macginleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium appendicis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium aurimucosum/minutissimum/singulare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium coyleae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium fournierii/mucifaciens/ureicelerivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium hadale/imitans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pollutisoli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium propinquum/pseudodiphtheriticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pseudogenitalium/tuberculostearicum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
Craurococcus roseus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Curvibacter	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	16	0	0	0

Water_85 - Water_104

Species	water_85	water_86	water_87	water_88	water_89	water_90	water_91	water_92	water_93	water_94	water_95	water_96	water_97	water_98	water_99	water_100	water_101	water_102	water_103	water_104
Curvibacter gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium acnes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium avidum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclobacterium lianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deinococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Devosia chinhatensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialister sp. type 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eikenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterobacter cloacae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelotrichaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0
Erythrobacter citreus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ezakiella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filifactor alocis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finegoldia magna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flavobacterium aquaticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fusobacterium nucleatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gardnerella vaginalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella haemolysans/taiwanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella sanguinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmatimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Globicatella sulfidifaciens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gordonia terrae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granulicatella adiacens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus haemolyticus/quentini	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parahaemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parainfluenzae	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0
Halomonas xinjiangensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holdemanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inhella inkyongensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Janibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kingella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Klebsiella pneumoniae/variicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria kristinae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria rosea/turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurthia gibsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus helveticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus iners	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactococcus lactis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagierella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonella clevelandensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leifsonia aquatica/shinshuensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia hofstadii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia shahii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia haematophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mesorhizobium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methylobacterium radiotolerans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium arborescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micrococcus lylae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium chelonae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium gordonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma genitalium	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma penetrans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria bacilliformis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria flavescens/mucosa/perflava/subflava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nesterenkonia lacusekhoensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nocardiopsis salina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_85 - Water_104

Species	water_85	water_86	water_87	water_88	water_89	water_90	water_91	water_92	water_93	water_94	water_95	water_96	water_97	water_98	water_99	water_100	water_101	water_102	water_103	water_104
Noviherbaspirillum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Novosphingobium pentaromativorans/resinovorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paenibacillus	0	0	0	0	0	0	0	0	0	0	44	0	0	0	0	0	0	0	0	0
Pantoea agglomerans/dispersa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea stewartii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paracoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peptoniphilus asaccharolyticus/grossensis/harei/phoceensis/rhinitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phycicoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pontibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porphyromonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0
Prevotella amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella disiens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella melaninogenica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoclavibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas antarctica/fluorescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas baetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas fluorescens/koreensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas gessardii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas monteilii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas oleovorans/pseudoalcaligenes group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas resinovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas indica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas mexicana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychrobacter alimentarius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera perlucida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacteraceae	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodococcus corynebacterioides/kroppenstedtii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Romboutsia timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia amarae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saccharopolyspora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigella/Escherichia	0	0	0	0	32	0	0	14	0	0	77	0	0	18	0	0	18	0	0	0
Sneathia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia sanguinegens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingobium yanoikuyae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas kaistensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas starnbergensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus capitis/caprae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus caprae/cohnii/epidermidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus cohnii/saprophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus epidermidis/hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus equorum/saprophyticus/xylosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus haemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Streptococcus agalactiae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus anginosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus mitis group	8	8	10	12	0	0	8	0	0	5	0	7	0	7	10	6	8	3	7	0
Thiopseudomonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turicella otitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Clostridiales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Variovorax gossypii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella dispar/parvula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella montpellierensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Williamsia faeni/muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zoogloea resiniphila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_105 - Water_122

Species	water_105	water_106	water_107	water_108	water_109	water_110	water_111	water_112	water_113	water_114	water_115	water_116	water_117	water_118	water_119	water_120	water_121	water_122
[Clostridium] hiranonis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acidovorax/Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/johnsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter haemolyticus/schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter parvus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter proteolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acinetobacter schindleri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomyces oris/viscosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aerococcus urinaeequi/viridans	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
Aeromonas caviae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aeromonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afipia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aggregatibacter aphrophilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alishewanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alloiococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Altererythrobacter epoxidivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus lactolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus octavius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anaerococcus prevotii/tetradius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Anaeromyxobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arenimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atopobium vaginae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus dakarensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus foraminis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus idriensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacillus malikii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bacteroidales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bergeyella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blastococcus endophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium casei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevibacterium ihuae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas vesicularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brevundimonas/Caulobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderia pyrrocinia/stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burkholderiales Genera incertae sedis	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0
Campylobacter rectus/showae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharibacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candidatus Saccharimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capnocytophaga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacteriaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnobacterium inhibens/jeotgali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casaltella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus asaccharovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chelatococcus/Methylobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseobacterium hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chryseomicrobium amylolyticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cloacibacterium normanense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clostridium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacteriales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium accolens/macginleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium appendicis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium aurimucosum/minutissimum/singulare	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0
Corynebacterium coyleae	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0
Corynebacterium fournierii/mucifaciens/ureicelerivorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium hadale/imitans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pollutisoli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium propinquum/pseudodiphtheriticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corynebacterium pseudogenitalium/tuberculostearicum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craurococcus roseus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Curvibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_105 - Water_122

Species	water_105	water_106	water_107	water_108	water_109	water_110	water_111	water_112	water_113	water_114	water_115	water_116	water_117	water_118	water_119	water_120	water_121	water_122
Curvibacter gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutibacterium acnes	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	5
Cutibacterium avidum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclobacterium lianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deinococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Devosia chinhatensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialister sp. type 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eikenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterobacter cloacae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	31	44	0	0	0
Erysipelotrichaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erythrobacter citreus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ezakiella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filifactor alocis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finegoldia magna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flavobacterium aquaticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fusobacterium nucleatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gardnerella vaginalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0
Gemella haemolysans/taiwanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemella sanguinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmatimonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gemmobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Globicatella sulfidifaciens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gordonia terrae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granulicatella adiacens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus haemolyticus/quentini	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parahaemolyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus parainfluenzae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Halomonas xinjiangensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helicobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holdemanella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inhella inkyongensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Janibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kingella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Klebsiella pneumoniae/variicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria kristinae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria rosea/turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kocuria turfanensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurthia gibsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillales	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0
Lactobacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus helveticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactobacillus iners	0	0	21	18	6	0	0	0	18	0	0	0	0	0	0	0	7	0
Lactococcus lactis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagierella massiliensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lawsonella clevelandensis	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0
Leifsonia aquatica/shinshuensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia hofstadii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptotrichia shahii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massilia haematophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mesorhizobium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methylobacterium radiotolerans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microbacterium arborescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micrococcus lylae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium chelonae complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycobacterium gordonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma genitalium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma penetrans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria bacilliformis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neisseria flavescens/mucosa/perflava/subflava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nesterenkonia lacusekhoensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nocardiopsis salina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Water_105 - Water_122

Species	water_105	water_106	water_107	water_108	water_109	water_110	water_111	water_112	water_113	water_114	water_115	water_116	water_117	water_118	water_119	water_120	water_121	water_122
Noviherbaspirillum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Novosphingobium pentaromativorans/resinovorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paenibacillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea agglomerans/dispersa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pantoea stewartii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paracoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peptoniphilus asaccharolyticus/grossensis/harei/phoceensis/rhinitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phycicoccus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pontibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porphyromonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella disiens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella melaninogenica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prevotella timonensis	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoclavibacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas antarctica/fluorescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas baetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas fluorescens/koreensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas gessardii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas monteilii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas oleovorans/pseudoalcaligenes group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas resinovorans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas stutzeri subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudomonas veronii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas indica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoxanthomonas mexicana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychrobacter alimentarius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rheinheimera perlucida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodobacteraceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodococcus corynebacterioides/kroppenstedtii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Romboutsia timonensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothia amarae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saccharopolyspora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigella/Escherichia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia amnii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sneathia sanguinegens	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	5	0	0
Sphingobium yanoikuyae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas kaistensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphingomonas starnbergensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus capitis/caprae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus caprae/cohnii/epidermidis	0	0	12	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
Staphylococcus cohnii/saprophyticus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus epidermidis/hominis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus equorum/saprophyticus/xylosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus haemolyticus	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus agalactiae	0	0	0	11	0	0	0	0	0	9	0	0	0	0	0	0	0	5
Streptococcus anginosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Streptococcus mitis group	12	22	30	39	0	17	0	16	0	0	10	20	10	24	16	37	0	16
Thiopseudomonas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turicella otitidis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified Clostridiales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undibacterium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Variovorax gossypii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella dispar/parvula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veillonella montpellierensis	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Williamsia faeni/muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zoogloea resiniphila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Taxonomic Output of Sequence Read for Positive Controls

Positive Control: Mock Community 1

Species	Read Count	Relative Abundance
BVAB1	17192	40.441
Sneathia amnii	5069	11.924
Lactobacillus jensenii	2432	5.721
Atopobium vaginae	2126	5.001
Lactobacillus iners	2098	4.935
Candidate Division TM7 vaginal	2012	4.733
Lactobacillus crispatus	1877	4.415
Eggerthella sp. type 1	1786	4.201
Prevotella timonensis	1697	3.992
BVAB2 (species)	1588	3.736
Mageeibacillus indolicus	1092	2.569
Dialister micraerophilus	1065	2.505
Aerococcus christensenii	1035	2.435
Dialister sp. type 2	904	2.127
Gardnerella vaginalis	414	0.974
Sneathia	46	0.108
Megasphaera sp. type 1	43	0.101
Shigella/Escherichia*	35	0.082
Total Reads	**42511**	

All bacterial taxa in Mock Community 1 were detected.

**Additional taxon detected - likely cross-contamination between wells*

Positive Control: Mock Community 2

Species	Read Count	Relative Abundance
Lactobacillus jensenii	2743	25.005
Lactobacillus gasseri	2026	18.469
Lactobacillus iners	1375	12.534
Mageeibacillus indolicus	993	9.052
Lactobacillus crispatus	992	9.043
Megasphaera sp. type 2	879	8.013
Aerococcus christensenii	508	4.631
Prevotella bivia	462	4.211
Atopobium vaginae	386	3.519
Prevotella amnii	211	1.923
Parvimonas	205	1.869
Prevotella timonensis	90	0.820
Streptococcus mitis group*	54	0.492
Gardnerella vaginalis	46	0.419
Total Reads	**10970**	

All bacterial taxa in Mock Community 2 were detected.

**Additional taxon detected - likely cross-contamination between wells*

List of bacterial taxa filtered from the final dataset

Achromobacter aegrifaciens	Brevundimonas diminuta/naejangsanensis	Labilithrix	Phyllobacterium	Rhodospirillales
Achromobacter aegrifaciens/marplatensis	Brooklawnia	Lelliottia amnigena/Kluyvera intermedia	Phyllobacterium myrsinacearum	Robbsia
Achromobacter denitrificans	Burkholderia cepacia/pyrrocinia	Lelliottia nimipressuralis	Porphyrobacter neustonensis	Salinibacterium
Achromobacter marplatensis	Burkholderia contaminans/metallica	Loriellopsis	Porphyrobacter neustonensis/tepidarius	Salinibacterium xinjiangense
Achromobacter marplatensis/spanius	Burkholderia vietnamiensis	Loriellopsis cavernicola	Povalibacter	Scytonema tolypothrichoides
Acidibacter	Candidatus Paraburkholderia calva	Luteimonas	Prolinoborus	Sediminibacterium
Acidisphaera	Candidatus Solibacter	Macrococcus caseolyticus	Prolinoborus fasciculus/Acinetobacter lwoffii	Serratia
Acidovorax	Caulobacter	Melaminivora alkalimesophila	Pseudarthrobacter	Serratia grimesii/liquefaciens
Acidovorax delafieldii	Cellulomonas	Mesorhizobium loti	Pseudarthrobacter scleromae/Arthrobacter globiformis	Serratia grimesii/proteamaculans
Acinetobacter albensis	Cellulomonas aerilata	Methylobacterium	Pseudomonas	Serratia liquefaciens
Acinetobacter bouvetii	Cellulomonas cellasea	Methylobacterium adhaesivum	Pseudomonas abietaniphila	Serratia marcescens
Acinetobacter guillouiae	Cellvibrio	Methylobacterium adhaesivum/goesingense	Pseudomonas asturiensis	Serratia marcescens/nematodiphila
Acinetobacter gyllenbergii	Cellvibrio mixtus	Methylobacterium aerolatum	Pseudomonas baetica/granadensis	Serratia ureilytica
Acinetobacter indicus	Chitinophagaceae	Methylobacterium fujisawaense/radiotolerans/tardum	Pseudomonas balearica	Shinella
Acinetobacter indicus/radioresistens	Chryseomicrobium amylolyticum/imtechense	Methylobacterium goesingense	Pseudomonas brenneri	Sphaerobacter
Acinetobacter kyonggiensis	Comamonadaceae	Methylobacterium komagatae	Pseudomonas chlororaphis group	Sphingobacterium kitahiroshimense
Acinetobacter radioresistens	Comamonas	Methylobacterium populi/zatmanii	Pseudomonas fluorescens	Sphingobacterium multivorum
Acinetobacter seohaensis/soli/towneri	Comamonas aquatica	Micrococcus	Pseudomonas fragi	Sphingobacterium multivorum/siyangense
Acinetobacter seohaensis/towneri	Comamonas koreensis	Micrococcus cohnii	Pseudomonas fragi/psychrophila	Sphingobium
Acinetobacter soli	Corynebacterium marinum	Micrococcus flavus	Pseudomonas gessardii/reactans	Sphingomonas
Acinetobacter towneri	Craurococcus	Micrococcus yunnanensis	Pseudomonas guangdongensis	Sphingomonas alpina/sanxanigenens
Afipia genosp._1/genosp._2	Cupriavidus metallidurans	Mitsuokella	Pseudomonas koreensis	Sphingomonas aquatilis
Agrobacterium	Cytophagales	Mitsuokella jalaludinii	Pseudomonas luteola	Sphingomonas dokdonensis
Agrobacterium tumefaciens	Dechloromonas agitata	Mitsuokella multacida	Pseudomonas oryzae	Sphingomonas dokdonensis/yantingensis
Agrobacterium tumefaciens complex	Deinococcus wulumuqiensis	Modestobacter caceresii/multiseptatus	Pseudomonas oryzihabitans	Sphingomonas echinoides
Agrobacterium/Beijerinckia	Deinococcus xinjiangensis	Mucilaginibacter	Pseudomonas oryzihabitans/psychrotolerans	Sphingomonas endophytica
Alcanivorax	Delftia acidovorans/lacustris	Neofamilia	Pseudomonas plecoglossicida	Sphingomonas ginsenosidimutans/yunnanensis
Aliicoccus	Delftia lacustris/tsuruhatensis	Nocardioides	Pseudomonas plecoglossicida/putida	Sphingomonas hankookensis/panni
Alishewanella aestuarii/agri	Deltaproteobacteria	Noviherbaspirillum canariense	Pseudomonas pseudoalcaligenes	Sphingomonas insulae/melonis
Alishewanella jeotgali	Devosia	Novosphingobium	Pseudomonas putida	Sphingomonas leidyi
Alkanindiges	Duganella zoogloeoides	Novosphingobium capsulatum	Pseudomonas putida/taiwanensis	Sphingomonas melonis
Alkanindiges illinoisensis	Dyadobacter	Novosphingobium guangzhouense/resinovorum	Pseudomonas stutzeri	Sphingomonas polyaromaticivorans
Altererythrobacter	Enhydrobacter	Novosphingobium lindaniclasticum	Pseudomonas stutzeri/xanthomarina	Sphingomonas sanxanigenens
Anoxybacillus	Enterobacter ludwigii/Pantoea dispersa	Novosphingobium panipatense	Pseudomonas taiwanensis	Sphingomonas yantingensis
Aquabacterium	Euzebya	Novosphingobium sediminicola	Pseudomonas xanthomarina/zhaodongensis	Sphingomonas yunnanensis
Aridibacter	Gaiella	Novosphingobium subterraneum	Pseudoxanthomonas	Sphingopyxis
Arsenicicoccus	Gemmata	Oscillatoriales	Psychrobacter faecalis	Sphingopyxis taejonensis
Arthrobacter russicus	Gemmobacter nectariphilus	Paeniclostridium	Psychrobacter faecalis/pulmonis	Spirosoma
Atlantibacter hermannii/Klebsiella pneumoniae	Geodermatophilaceae	Paracoccus aminovorans/chinensis/huijuniae	PVC group/Terrabacteria group	Sporobacter
Atlantibacter hermannii/Pantoea stewartii	Geodermatophilus	Paracoccus chinensis	Ralstonia	Stenotrophomonas
Atlantibacter/Klebsiella	Geodermatophilus/Blastococcus/Modestobacter	Paracoccus chinensis/denitrificans	Ralstonia insidiosa	Stenotrophomonas maltophilia
Azoarcus	Herbaspirillum	Paracoccus communis/denitrificans	Ralstonia mannitolilytica/pickettii	Stenotrophomonas maltophilia group
Bacillus benzoevorans	Hydrogenispora	Paracoccus contaminans	Ralstonia mannitolilytica/solanacearum	Streptococcus thermophilus
Bacillus niacini	Hydrogenophaga	Paracoccus denitrificans	Ralstonia pickettii	Streptomyces albogriseolus/griseorubens/iakyrus
Bacillus psychrosaccharolyticus	Hymenobacter	Paracoccus sediminis	Rhizobiaceae	Tepidimicrobium
Beijerinckia	Hymenobacter perfusus	Pelistega	Rhizobiales	Terrabacteria group
Blastococcus	Intrasporangiaceae	Pelomonas	Rhizobium	Undibacterium oligocarboniphilum
Blastococcus saxobsidens	Janthinobacterium agaricidamnosum	Pelomonas puraquae	Rhodobacter/Gemmobacter	Undibacterium squillarum
Blastomonas natatoria	Janthinobacterium lividum/svalbardensis	Pelomonas saccharophila	Rhodobacter/Paracoccus	Vampirovibrio
Brachybacterium	Jeotgalicoccus	Phenylobacterium	Rhodococcus	Variovorax
Brachybacterium paraconglomeratum	Knoellia subterranea	Phenylobacterium koreense	Rhodococcus erythropolis/qingshengii	Variovorax paradoxus
Brachybacterium squillarum	Kocuria marina	Photobacterium iliopiscarium/kishitanii/phosphoreum	Rhodocyclales	Vogesella
Bradyrhizobium	Kocuria marina/rhizophila	Photobacterium phosphoreum	Rhodopseudomonas	Xanthomonadaceae
Bradyrhizobium canariense/erythrophlei	Kocuria palustris	Phreatobacter	Rhodopseudomonas faecalis	Zoogloeaceae
Bradyrhizobium elkanii/erythrophlei	Kocuria rhizophila	Phreatobacter oligotrophus	Rhodopseudomonas faecalis/palustris	