

3 Details referring to the Results section:

4 Table S1. Distribution and identification of the 76 bacterial species identified using only conventional
5 phenotypic identification; 15 of the species were absent from our MALDI-TOF database.

6 Table S2. Distribution and identification of the 124 bacterial species identified using only MALDI-TOF; 103 of
7 the species were absent from Vitek 2 database and only 21 were present.

8 Table S3. List of 21 species of 670 isolates that were confirmed by a second phenotypic identification; 3 of these
9 species were absent from our MALDI-TOF database and 18 were present.

10 Table S4. List of 339 species of 1,273 isolates that were confirmed using molecular identification; 24 of these
11 species were absent from our MALDI-TOF database and 63 from the Brüker database.

12 Table S5. Distribution of the sources of clinical samples for the 48 rare bacterial species identified by phenotypic
13 identification.

14 **Table S1. Distribution and identification of the 76 bacterial species identified using only conventional phenotypic**
 15 **identification; 15 of the species were absent from our MALDI-TOF database.**

Phylum	Genus	Bacterial species identified using only CPI*	N° of isolates	Our MALDI-TOF database	
<i>Actinobacteria</i>	<i>Actinomadura</i>	<i>Actinomadura cremea</i>	1	absent	
	<i>Actinomyces</i>	<i>Actinomyces viscosus</i>	5	present	
	<i>Brevibacterium</i>	<i>Brevibacterium luteolum</i>	1	present	
	<i>Cellulosimicrobium</i>	<i>Cellulosimicrobium cellulans</i>	1	present	
	<i>Corynebacterium</i>	<i>Corynebacterium auriscanis</i>		3	present
		<i>Corynebacterium bovis</i>		2	present
		<i>Corynebacterium macginleyi</i>		17	present
		<i>Corynebacterium ulcerans</i>		4	present
	<i>Gordonia</i>	<i>Gordonia sputi</i>	1	present	
	<i>Leifsonia</i>	<i>Leifsonia aquatica</i>	3	present	
	<i>Microbacterium</i>	<i>Microbacterium flavescens</i>	1	present	
	<i>Nocardia</i>	<i>Nocardia abscessus</i>		1	present
		<i>Nocardia asteroides</i>		1	absent
		<i>Nocardia otitidiscaviarum</i>		1	present
		<i>Pseudoclavibacter</i>	<i>Zimmermannella bifida</i>	1	absent
	<i>Varibaculum</i>	<i>Varibaculum cambriense</i>	2	present	
	<i>Bacteroidetes</i>	<i>Bacteroides</i>	<i>Bacteroides eggerthii</i>	2	present
			<i>Bacteroides stercoris</i>	29	present
		<i>Myroides</i>	<i>Myroides odoratimimus</i>	1	present
<i>Prevotella</i>		<i>Prevotella loescheii</i>	1	absent	
	<i>Prevotella massiliensis</i>	1	present		
<i>Firmicutes</i>	<i>Bacillus</i>	<i>Bacillus coagulans</i>	1	present	
	<i>Clostridium</i>	<i>Clostridium baratii</i>	1	present	
		<i>Clostridium bif fermentans</i>	5	present	
		<i>Clostridium histolyticum</i>	1	present	
	<i>Dialister</i>	<i>Dialister pneumosintes</i>	3	absent	
	<i>Facklamia</i>	<i>Facklamia languida</i>	1	present	
	<i>Lactobacillus</i>	<i>Lactobacillus acidophilus</i>	2	present	
		<i>Lactobacillus vaginalis</i>	1	present	
		<i>Lactococcus lactis subsp. cremoris</i>	3	absent	
	<i>Listeria</i>	<i>Listeria grayi</i>	1	present	
	<i>Peptoniphilus</i>	<i>Peptoniphilus lacrimalis</i>	2	present	
	<i>Sporosarcina</i>	<i>Sporosarcina ginsengisoli</i>	1	absent	
	<i>Staphylococcus</i>	<i>Staphylococcus carnosus</i>	2	present	
		<i>Staphylococcus chromogenes</i>	1	present	
		<i>Staphylococcus hyicus</i>	1	present	
<i>Staphylococcus kloosii</i>		3	present		
<i>Staphylococcus lentus</i>		8	present		
<i>Streptococcus</i>		<i>Streptococcus sobrinus</i>	1	present	
	<i>Streptococcus uberis</i>	1	present		
<i>Fusobacteria</i>	<i>Fusobacterium</i>	<i>Fusobacterium varium</i>	4	present	

Phylum	Genus	Bacterial species identified using only CPI*	N° of isolates	Our MALDI-TOF database
Proteobacteria	<i>Leptotrichia</i>	<i>Leptotrichia goodfellowii</i>	1	absent
		<i>Leptotrichia trevisanii</i>	1	present
	<i>Aeromonas</i>	<i>Aeromonas sobria</i>	8	present
	<i>Agrobacterium</i>	<i>Agrobacterium radiobacter</i>	1	absent
	<i>Anaerobiospirillum</i>	<i>Anaerobiospirillum succiniciproducens</i>	1	absent
	<i>Bordetella</i>	<i>Bordetella pertussis</i>	16	present
	<i>Campylobacter</i>	<i>Campylobacter upsaliensis</i>	1	present
	<i>Cardiobacterium</i>	<i>Cardiobacterium hominis</i>	1	present
	<i>Chromobacterium</i>	<i>Chromobacterium violaceum</i>	1	present
	<i>Citrobacter</i>	<i>Citrobacter sedlakii</i>	2	present
	<i>Cronobacter</i>	<i>Cronobacter sakazakii</i>	11	present
	<i>Escherichia</i>	<i>Escherichia fergusonii</i>	1	present
		<i>Escherichia hermannii</i>	9	present
	<i>Helicobacter</i>	<i>Helicobacter pylori</i>	1	present
	<i>Ignatzschineria</i>	<i>Ignatzschineria larvae</i>	1	absent
	<i>Kluyvera</i>	<i>Kluyvera intermedia</i>	1	present
	<i>Mannheimia</i>	<i>Mannheimia haemolytica</i>	1	present
	<i>Neisseria</i>	<i>Neisseria cinerea</i>	6	present
		<i>Neisseria polysaccharea</i>	1	present
	<i>Pasteurella</i>	<i>Pasteurella dagmatis</i>	1	present
		<i>Pasteurella pneumotropica</i>	3	present
	<i>Pseudomonas</i>	<i>Pseudomonas chlororaphis subsp. aureofaciens</i>	1	present
		<i>Pseudomonas luteola</i>	4	present
		<i>Pseudomonas oleovorans</i>	1	present
		<i>Pseudomonas syringae</i>	1	present
	<i>Psychrobacter</i>	<i>Psychrobacter phenylpyruvicus</i>	1	absent
	<i>Roseomonas</i>	<i>Roseomonas ludipueritiae</i>	1	absent
	<i>Salmonella</i>	<i>Salmonella enterica</i>	8	present
		<i>Salmonella enterica subsp. arizonae</i>	1	present
		<i>Salmonella enterica subsp. enterica serovar Enteritidis</i>	5	present
<i>Salmonella enterica subsp. enterica serovar Paratyphi A</i>		3	present	
<i>Salmonella enterica subsp. enterica serovar Typhimurium</i>		3	present	
<i>Serratia</i>	<i>Serratia plymuthica</i>	7	present	
<i>Shigella</i>	<i>Shigella flexneri</i>	12	absent	
	<i>Shigella sonnei</i>	26	absent	

16 CPI*: conventional phenotypic identification (Gram staining, API, Vitek 2 system identification).

17 **Table S2. Distribution and identification of the 124 bacterial species identified using only MALDI-TOF; 103 of the**
 18 **species were absent from Vitek 2 database and only 21 were present.**

Phylum	Genus	Bacterial species identified using only MALDI-TOF	N° of isolates	Vitek 2 database	
Actinobacteria	<i>Actinobaculum</i>	<i>Actinobaculum massiliense</i>	1	absent	
	<i>Actinomyces</i>	<i>Actinomyces radidentis</i>	2	absent	
	<i>Arthrobacter</i>	<i>Arthrobacter polychromogenes</i>	1	absent	
	<i>Atopobium</i>	<i>Atopobium minutum</i>	1	absent	
	<i>Bifidobacterium</i>	<i>Bifidobacterium breve</i>	7	absent	
		<i>Bifidobacterium dentium</i>	1	absent	
	<i>Brevibacterium</i>	<i>Brevibacterium massiliense</i>	1	absent	
		<i>Brevibacterium paucivorans</i>	1	absent	
		<i>Brevibacterium ravensturnense</i>	1	absent	
	<i>Collinsella</i>	<i>Collinsella aerofaciens</i>	1	absent	
	<i>Corynebacterium</i>	<i>Corynebacterium fastidiosum</i>	1	absent	
		<i>Corynebacterium freneyi</i>	1	absent	
		<i>Corynebacterium glutamicum</i>	1	absent	
		<i>Corynebacterium imitans</i>	1	absent	
		<i>Corynebacterium mucifaciens</i>	3	absent	
		<i>Corynebacterium pseudogenitalium</i>	2	absent	
		<i>Corynebacterium pseudotuberculosis</i>	1	absent	
		<i>Microbacterium</i>	<i>Microbacterium paraoxydans</i>	1	absent
			<i>Microbacterium schleiferi</i>	1	absent
		<i>Nocardia</i>	<i>Nocardia cyriacigeorgica</i>	1	absent
	<i>Trueperella</i>	<i>Trueperella pyogenes</i>	1	absent	
Bacteroidetes	<i>Bacteroides</i>	<i>Bacteroides cellulosilyticus</i>	3	absent	
	<i>Butyricimonas</i>	<i>Butyricimonas virosa</i>	1	absent	
	<i>Capnocytophaga</i>	<i>Capnocytophaga canimorsus</i>	2	absent	
		<i>Capnocytophaga gingivalis</i>	1	absent	
		<i>Capnocytophaga ochracea</i>	1	absent	
	<i>Chryseobacterium</i>	<i>Chryseobacterium gleum</i>	3	present	
	<i>Porphyromonas</i>	<i>Porphyromonas gingivalis</i>	1	absent	
		<i>Porphyromonas gulae</i>	1	absent	
	<i>Prevotella</i>	<i>Prevotella pallens</i>	1	absent	
	<i>Weeksella</i>	<i>Weeksella virosa</i>	2	absent	
Firmicutes	<i>Anaerococcus</i>	<i>Anaerococcus lactolyticus</i>	2	absent	
		<i>Anaerococcus octavius</i>	6	absent	
		<i>Anaerococcus tetradius</i>	3	absent	
	<i>Bacillus</i>	<i>Bacillus amyloliquefaciens</i>	1	absent	
		<i>Bacillus circulans</i>	3	absent	
		<i>Bacillus megaterium</i>	2	absent	
		<i>Bacillus mycoides</i>	1	absent	
		<i>Bacillus subtilis</i>	2	absent	
		<i>Bacillus thuringiensis</i>	3	absent	

Phylum	Genus	Bacterial species identified using only MALDI-TOF	N° of isolates	Vitek 2 database
	<i>Brevibacillus</i>	<i>Brevibacillus agri</i>	1	absent
		<i>Brevibacillus brevis</i>	1	absent
	<i>Clostridium</i>	<i>Clostridium cadaveris</i>	1	absent
		<i>Clostridium celerecrescens</i>	3	absent
		<i>Clostridium chauvoei</i>	1	absent
		<i>Clostridium sphenoides</i>	1	absent
		<i>Clostridium subterminale</i>	1	absent
		<i>Clostridium tetani</i>	2	absent
	<i>Enterococcus</i>	<i>Enterococcus cecorum</i>	1	present
		<i>Enterococcus hirae</i>	12	present
		<i>Enterococcus raffinosus</i>	3	present
	<i>Eubacterium</i>	<i>Eubacterium tenue</i>	2	absent
		<i>Eubacterium yurii</i>	1	absent
	<i>Gemella</i>	<i>Gemella sanguinis</i>	1	present
	<i>Lactobacillus</i>	<i>Lactobacillus delbrueckii</i>	8	absent
		<i>Lactobacillus iners</i>	3	absent
		<i>Lactobacillus johnsonii</i>	1	absent
		<i>Lactobacillus mucosae</i>	1	absent
		<i>Lactobacillus murinus</i>	3	absent
		<i>Lactobacillus salivarius</i>	2	absent
	<i>Lactococcus</i>	<i>Lactococcus garvieae</i>	2	present
	<i>Leuconostoc</i>	<i>Leuconostoc mesenteroides</i>	1	absent
	<i>Mogibacterium</i>	<i>Mogibacterium timidum</i>	1	absent
	<i>Paenibacillus</i>	<i>Paenibacillus amylolyticus</i>	2	absent
		<i>Paenibacillus barcinonensis</i>	1	absent
	<i>Pediococcus</i>	<i>Pediococcus acidilactici</i>	5	present
		<i>Pediococcus pentosaceus</i>	3	present
		<i>Peptococcus niger</i>	1	absent
	<i>Robinsoniella</i>	<i>Robinsoniella peoriensis</i>	3	absent
	<i>Ruminococcus</i>	<i>Ruminococcus gnavus</i>	1	absent
	<i>Staphylococcus</i>	<i>Staphylococcus arlettae</i>	1	present
		<i>Staphylococcus condimenti</i>	2	absent
		<i>Staphylococcus pasteurii</i>	61	absent
		<i>Staphylococcus pettenkoferi</i>	29	absent
		<i>Staphylococcus pseudintermedius</i>	17	absent
		<i>Staphylococcus vitulinus</i>	1	present
	<i>Streptococcus</i>	<i>Streptococcus canis</i>	1	present
		<i>Streptococcus cristatus</i>	6	present
		<i>Streptococcus equi</i>	3	absent
		<i>Streptococcus massiliensis</i>	3	absent
		<i>Streptococcus parasanguinis</i>	37	absent
		<i>Streptococcus pyogenes</i>	75	present

Phylum	Genus	Bacterial species identified using only MALDI-TOF	N° of isolates	Vitek 2 database
		<i>Streptococcus vestibularis</i>	9	present
	<i>Veillonella</i>	<i>Veillonella dispar</i>	4	absent
		<i>Veillonella montpellierensis</i>	1	absent
Fusobacteria	<i>Fusobacterium</i>	<i>Fusobacterium periodonticum</i>	1	absent
Proteobacteria	<i>Acinetobacter</i>	<i>Acinetobacter bereziniae</i>	34	absent
		<i>Acinetobacter calcoaceticus</i>	4	absent
		<i>Acinetobacter parvus</i>	2	absent
		<i>Acinetobacter pittii</i>	84	absent
		<i>Acinetobacter radioresistens</i>	3	absent
		<i>Acinetobacter schindleri</i>	1	absent
	<i>Aggregatibacter</i>	<i>Aggregatibacter segnis</i>	1	absent
	<i>Agrobacterium</i>	<i>Agrobacterium tumefaciens</i>	2	absent
	<i>Burkholderia</i>	<i>Burkholderia gladioli</i>	1	present
		<i>Burkholderia multivorans</i>	10	absent
	<i>Campylobacter</i>	<i>Campylobacter curvus</i>	1	absent
	<i>Comamonas</i>	<i>Comamonas kerstersii</i>	1	absent
	<i>Desulfovibrio</i>	<i>Desulfovibrio desulfuricans</i>	1	absent
		<i>Desulfovibrio fairfieldensis</i>	3	absent
	<i>Enterobacter</i>	<i>Enterobacter cowanii</i>	3	absent
		<i>Enterobacter hormaechei</i>	20	absent
		<i>Enterobacter kobei</i>	190	absent
	<i>Haemophilus</i>	<i>Haemophilus parahaemolyticus</i>	6	present
	<i>Moraxella</i>	<i>Moraxella nonliquefaciens</i>	11	absent
		<i>Moraxella osloensis</i>	9	absent
	<i>Neisseria</i>	<i>Neisseria perflava</i>	2	absent
		<i>Neisseria subflava</i>	1	absent
	<i>Ochrobactrum</i>	<i>Ochrobactrum grignonense</i>	1	absent
		<i>Ochrobactrum intermedium</i>	1	absent
	<i>Olsenella</i>	<i>Olsenella uli</i>	1	absent
	<i>Pandoraea</i>	<i>Pandoraea pulmonicola</i>	9	absent
	<i>Pasteurella</i>	<i>Pasteurella aerogenes</i>	1	present
		<i>Pasteurella canis</i>	6	absent
	<i>Pseudomonas</i>	<i>Pseudomonas geniculata</i>	2	absent
		<i>Pseudomonas hibiscicola</i>	2	absent
		<i>Pseudomonas mosselii</i>	11	absent
		<i>Pseudomonas pseudoalcaligenes</i>	1	present
	<i>Roseomonas</i>	<i>Roseomonas mucosa</i>	2	absent
	<i>Serratia</i>	<i>Serratia ureilytica</i>	1	absent
	<i>Shigella</i>	<i>Shigella dysenteriae</i>	1	absent
	<i>Vibrio</i>	<i>Vibrio alginolyticus</i>	3	present
		<i>Vibrio parahaemolyticus</i>	1	present
		<i>Vibrio vulnificus</i>	1	present

19 **Table S3. List of 21 species of 670 isolates that were confirmed by a second phenotypic identification; 3 of these**
 20 **species were absent from our MALDI-TOF database and 18 were present.**

Phylum	Genus	Bacteria species needed 2 nd PID*	N° of isolates	N° isolates, CPI** period	N° isolates, MALDI period	Our MALDI-TOF database	
<i>Actinobacteria</i>	<i>Corynebacterium</i>	<i>Corynebacterium aurimucosum</i>	1	0	1	present	
		<i>Corynebacterium sp. A</i>	52	52	0	absent	
		<i>Corynebacterium sp. G</i>	1	1	0	absent	
		<i>Corynebacterium striatum</i>	2	0	2	present	
		<i>Corynebacterium tuberculostearicum</i>	2	0	2	present	
<i>Firmicutes</i>	<i>Bacillus</i>	<i>Bacillus cereus</i>	1	0	1	present	
		<i>Lactobacillus aviarius</i>	1	1	0	present	
	<i>Peptoniphilus</i>	<i>Peptoniphilus harei</i>	1	1	0	present	
	<i>Streptococcus</i>	<i>Streptococcus intermedius</i>	1	1	0	present	
		<i>Streptococcus oralis</i>	2	0	2	present	
		<i>Streptococcus pneumoniae</i>	1	1	0	present	
		<i>Streptococcus sp. 'group G'</i>	596	561	35	absent	
<i>Veillonella</i>	<i>Veillonella parvula</i>	1	0	1	present		
<i>Fusobacteria</i>	<i>Fusobacterium</i>	<i>Fusobacterium nucleatum</i>	1	1	0	present	
<i>Proteobacteria</i>	<i>Acinetobacter</i>	<i>Acinetobacter guillouiae</i>	1	0	1	present	
		<i>Arthrobacter</i>	<i>Arthrobacter ramosus</i>	1	0	1	present
		<i>Citrobacter</i>	<i>Citrobacter braakii</i>	1	0	1	present
	<i>Enterobacter</i>	<i>Enterobacter aerogenes</i>	1	1	0	present	
		<i>Enterobacter kobei</i>	1	0	1	present	
	<i>Pseudomonas</i>	<i>Pseudomonas monteilii</i>	1	0	1	present	
		<i>Pseudomonas nitroreducens</i>	1	0	1	present	

21 PID*: phenotypic identification; CPI**: conventional phenotypic identification (Gram staining, API, Vitek 2 system
 22 identification).

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Table S4. List of 339 species of 1,273 isolates that were confirmed using molecular identification; 24 of these species were absent from our MALDI-TOF database and 63 from the Brüker database.

Phylum	Genus	Bacterial species confirmed using molecular identification	N° of isolates (n=)	N° of isolates, CPI* period	N° of isolates, MALDI-TOF period	Our MALDI-TOF database	MALDI-TOF database (Brüker)	
<i>Actinobacteria</i>	<i>Actinobaculum</i>	<i>Actinobaculum schaalii</i>	10	5	5	present	present	
		<i>Actinomyces</i>						
		<i>Actinomyces europaeus</i>	3	1	2	present	present	
		<i>Actinomyces georgiae</i>	3	1	2	absent	absent	
		<i>Actinomyces lingnae</i>	1	0	1	absent	absent	
		<i>Actinomyces meyeri</i>	1	1	0	present	present	
		<i>Actinomyces naeslundii</i>	10	7	3	present	present	
		<i>Actinomyces neuii</i>	9	5	4	present	present	
		<i>Actinomyces odontolyticus</i>	10	7	3	present	present	
		<i>Actinomyces oris</i>	1	0	1	present	absent	
		<i>Actinomyces radingae</i>	5	3	2	present	present	
		<i>Actinomyces sp oral</i>	2	2	0	absent	absent	
		<i>Actinomyces turicensis</i>	7	1	6	present	present	
		<i>Actinomyces urogenitalis</i>	2	0	2	present	present	
		<i>Actinomyces viscosus</i>	4	2	2	present	present	
		<i>Arcanobacterium</i>	<i>Arcanobacterium bernardiae</i>	3	1	2	present	present
			<i>Arcanobacterium haemolyticum</i>	4	2	2	present	present
		<i>Arthrobacter</i>	<i>Arthrobacter cummingsii</i>	5	4	1	present	present
			<i>Arthrobacter nitroguajacolicus</i>	1	1	0	absent	absent
			<i>Arthrobacter oxydans</i>	1	1	0	present	present
		<i>Atopobium</i>	<i>Atopobium parvulum</i>	9	3	6	present	present
			<i>Atopobium vaginae</i>	1	1	0	present	present
		<i>Bifidobacterium</i>	<i>Bifidobacterium breve</i>	3	3	0	present	present
			<i>Bifidobacterium scardovii</i>	1	1	0	present	absent
		<i>Brachybacterium</i>	<i>Brachybacterium muris</i>	1	0	1	present	present
			<i>Brachybacterium sacelli</i>	1	0	1	absent	absent
		<i>Brevibacterium</i>	<i>Brevibacterium casei</i>	3	2	1	present	present
			<i>Brevibacterium massiliense</i>	1	1	0	present	absent
			<i>Brevibacterium otitidis</i>	1	1	0	absent	absent
			<i>Brevibacterium paucivorans</i>	2	1	1	present	present
			<i>Brevibacterium ravenspurgense</i>	1	1	0	present	present
			<i>Brevibacterium stationis</i>	1	0	1	present	absent
		<i>Cellulomonas</i>	<i>Cellulomonas hominis</i>	1	0	1	present	absent
	<i>Clavibacter</i>	<i>Clavibacter michiganensis</i>	1	0	1	present	present	
	<i>Corynebacterium</i>	<i>Corynebacterium accolens</i>	2	1	1	present	present	
		<i>Corynebacterium afermentans</i>	4	3	1	present	present	
		<i>Corynebacterium amycolatum</i>	42	15	27	present	present	
		<i>Corynebacterium argentoratense</i>	2	0	2	present	present	
		<i>Corynebacterium aurimucosum</i>	10	6	4	present	present	

Phylum	Genus	Bacterial species confirmed using molecular identification	N° of isolates (n=)	N° of isolates, CPI* period	N° of isolates, MALDI-TOF period	Our MALDI-TOF database	MALDI-TOF database (Bruker)
		<i>Corynebacterium auris</i>	1	1	0	present	present
		<i>Corynebacterium auriscanis</i>	3	3	0	present	present
		<i>Corynebacterium bovis</i>	1	1	0	present	present
		<i>Corynebacterium confusum</i>	1	0	1	present	present
		<i>Corynebacterium coyleae</i>	4	0	4	present	present
		<i>Corynebacterium diphtheriae</i>	1	1	0	present	present
		<i>Corynebacterium durum</i>	1	1	0	present	present
		<i>Corynebacterium fastidiosum</i>	1	0	1	absent	absent
		<i>Corynebacterium genitalium</i>	5	4	1	absent	absent
		<i>Corynebacterium glucuronolyticum</i>	3	1	2	present	present
		<i>Corynebacterium imitans</i>	1	0	1	present	present
		<i>Corynebacterium jeikeium</i>	13	8	5	present	present
		<i>Corynebacterium kroppenstedtii</i>	1	0	1	present	present
		<i>Corynebacterium macginleyi</i>	2	1	1	present	present
		<i>Corynebacterium minutissimum</i>	4	2	2	present	present
		<i>Corynebacterium mucifaciens</i>	3	0	3	present	present
		<i>Corynebacterium propinquum</i>	9	8	1	present	present
		<i>Corynebacterium pseudodiphtheriticum</i>	10	9	1	present	present
		<i>Corynebacterium pseudogenitalium</i>	1	0	1	present	absent
		<i>Corynebacterium riegelii</i>	1	0	1	present	present
		<i>Corynebacterium simulans</i>	4	2	2	present	present
		<i>Corynebacterium striatum</i>	12	5	7	present	present
		<i>Corynebacterium tuberculostearicum</i>	31	6	25	present	present
		<i>Corynebacterium urealyticum</i>	4	3	1	present	present
		<i>Corynebacterium ureicelerivorans</i>	1	0	1	present	present
	<i>Dermabacter</i>	<i>Dermabacter hominis</i>	15	10	5	present	present
	<i>Dietzia</i>	<i>Dietzia cinnamea</i>	1	1	0	present	present
	<i>Eggerthella</i>	<i>Eggerthella lenta</i>	6	6	0	present	present
	<i>Gardnerella</i>	<i>Gardnerella vaginalis</i>	2	2	0	present	present
	<i>Janibacter</i>	<i>Janibacter hoylei</i>	1	0	1	present	absent
	<i>Kocuria</i>	<i>Kocuria rhizophila</i>	1	1	0	present	present
		<i>Kocuria rosea</i>	1	1	0	present	present
	<i>Kytococcus</i>	<i>Kytococcus schroeteri</i>	1	1	0	present	absent
	<i>Microbacterium</i>	<i>Microbacterium aurum</i>	2	1	1	present	present
		<i>Microbacterium chocolatum</i>	1	1	0	absent	absent
		<i>Microbacterium flavum</i>	1	0	1	present	present
		<i>Microbacterium liquefaciens</i>	1	1	0	present	present
		<i>Microbacterium oxydans</i>	1	0	1	present	present
		<i>Microbacterium paraoxydans</i>	2	2	0	present	absent
	<i>Micrococcus</i>	<i>Micrococcus luteus</i>	4	3	1	present	present
	<i>Nesterenkonia</i>	<i>Nesterenkonia lacusekhoensis</i>	1	0	1	present	absent

Phylum	Genus	Bacterial species confirmed using molecular identification	N° of isolates (n=)	N° of isolates, CPI* period	N° of isolates, MALDI-TOF period	Our MALDI-TOF database	MALDI-TOF database (Bruker)	
Bacteroidetes	<i>Nocardia</i>	<i>Nocardia abscessus</i>	6	3	3	present	present	
		<i>Nocardia brasiliensis</i>	1	0	1	present	absent	
		<i>Nocardia cyriacigeorgica</i>	3	2	1	present	present	
		<i>Nocardia farcinica</i>	5	3	2	present	present	
		<i>Nocardia otitidiscaviarum</i>	2	2	0	present	present	
		<i>Nocardia transvalensis</i>	1	1	0	present	present	
	<i>Ochrobactrum</i>	<i>Ochrobactrum anthropi</i>	3	0	3	present	present	
	<i>Olsenella</i>	<i>Olsenella uli</i>	1	0	1	present	absent	
	<i>Propionibacterium</i>	<i>Propionibacterium acnes</i>	19	16	3	present	present	
		<i>Propionibacterium avidum</i>	13	12	1	present	present	
		<i>Propionibacterium granulosum</i>	2	1	1	present	present	
		<i>Propionibacterium propionicum</i>	3	1	2	present	present	
		<i>Propionimicrobium lymphophilum</i>	2	1	1	present	present	
	<i>Rothia</i>	<i>Rothia dentocariosa</i>	4	3	1	present	present	
		<i>Rothia mucilaginoso</i>	2	1	1	present	present	
	<i>Trueperella</i>	<i>Trueperella abortusis</i>	1	1	0	present	absent	
	<i>Turicella</i>	<i>Turicella otitidis</i>	1	0	1	present	present	
	<i>Zimmermannella</i>	<i>Zimmermannella bifida</i>	1	1	0	absent	absent	
	<i>Bacteroidetes</i>	<i>Alistipes</i>	<i>Alistipes finegoldii</i>	1	1	0	present	present
		<i>Bacteroides</i>	<i>Bacteroides dorei</i>	1	1	0	absent	absent
			<i>Bacteroides fragilis</i>	1	1	0	present	present
			<i>Bacteroides heparinolyticus</i>	3	1	2	present	absent
			<i>Bacteroides ovatus</i>	1	1	0	present	present
			<i>Bacteroides pyogenes</i>	1	1	0	present	absent
		<i>Butyricimonas</i>	<i>Butyricimonas virosa</i>	2	0	2	present	present
		<i>Capnocytophaga</i>	<i>Capnocytophaga canimorsus</i>	1	1	0	present	present
			<i>Capnocytophaga gingivalis</i>	1	1	0	present	present
			<i>Capnocytophaga sputigena</i>	4	4	0	present	present
		<i>Chryseobacterium</i>	<i>Chryseobacterium gleum</i>	1	0	1	present	absent
			<i>Chryseobacterium hominis</i>	1	0	1	present	absent
			<i>Chryseobacterium indologenes</i>	3	3	0	present	present
			<i>Chryseobacterium vrystaatense</i>	1	0	1	absent	absent
		<i>Elizabethkingia</i>	<i>Elizabethkingia meningoseptica</i>	1	1	0	present	present
<i>Parabacteroides</i>	<i>Parabacteroides distasonis</i>	1	1	0	present	present		
<i>Peptoniphilus</i>	<i>Candidatus Peptoniphilus massiliensis</i>	1	0	1	absent	absent		
<i>Porphyromonas</i>	<i>Porphyromonas asaccharolytica</i>	2	2	0	present	present		
	<i>Porphyromonas uenonis</i>	4	4	0	present	absent		
<i>Prevotella</i>	<i>Candidatus Prevotella conceptionensis</i>	1	1	0	present	absent		
	<i>Prevotella bivia</i>	1	1	0	present	present		
	<i>Prevotella buccae</i>	1	1	0	present	present		

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Firmicutes		<i>Prevotella corporis</i>	1	0	1	present	present	
		<i>Prevotella intermedia</i>	3	3	0	present	present	
		<i>Prevotella loescheii</i>	2	0	2	absent	absent	
		<i>Prevotella oralis</i>	1	1	0	present	present	
		<i>Prevotella oris</i>	2	2	0	present	present	
	<i>Wautersiella</i>	<i>Wautersiella falsenii</i>	2	1	1	present	present	
	<i>Abiotrophia</i>	<i>Abiotrophia defectiva</i>	2	1	1	present	present	
	<i>Aerococcus</i>	<i>Aerococcus urinae</i>	4	4	0	present	present	
		<i>Aerococcus viridans</i>	1	0	1	present	present	
	<i>Aerosphaera</i>	<i>Aerosphaera taetra</i>	1	1	0	present	absent	
	<i>Anaerococcus</i>	<i>Anaerococcus octavius</i>	2	2	0	present	present	
		<i>Anaerococcus prevotii</i>	1	0	1	present	present	
		<i>Anaerococcus vaginalis</i>	3	2	1	present	present	
	<i>Anaerotruncus</i>	<i>Anaerotruncus colihominis</i>	2	1	1	present	absent	
	<i>Bacillus</i>	<i>Bacillus cereus</i>	18	12	6	present	present	
		<i>Bacillus circulans</i>	2	1	1	present	present	
		<i>Bacillus coagulans</i>	2	1	1	present	present	
		<i>Bacillus flexus</i>	1	1	0	present	present	
		<i>Bacillus licheniformis</i>	6	2	4	present	present	
		<i>Bacillus megaterium</i>	1	1	0	present	present	
		<i>Bacillus mycoides</i>	1	1	0	present	present	
		<i>Bacillus pumilus</i>	1	0	1	present	present	
		<i>Bacillus simplex</i>	4	2	2	present	present	
		<i>Bacillus subtilis</i>	1	0	1	present	present	
		<i>Lysinibacillus massiliensis</i>	1	0	1	present	absent	
		<i>Catabacter</i>	<i>Catabacter hongkongensis</i>	1	1	0	absent	absent
		<i>Clostridium</i>	<i>Clostridium aldenense</i>	1	0	1	present	present
			<i>Clostridium botulinum</i>	2	2	0	present	absent
			<i>Clostridium celerecrescens</i>	1	0	1	present	present
	<i>Clostridium clostridioforme</i>		2	2	0	present	present	
	<i>Clostridium hathewayi</i>		2	2	0	present	present	
	<i>Clostridium lituseburense</i>		1	1	0	present	absent	
	<i>Clostridium perfringens</i>		1	1	0	present	present	
<i>Clostridium ramosum</i>	1		0	1	present	present		
<i>Clostridium subterminale</i>	1		0	1	present	present		
<i>Clostridium tertium</i>	3		3	0	present	present		
<i>Dialister</i>	<i>Dialister micraerophilus</i>	1	0	1	present	present		
<i>Enterococcus</i>	<i>Enterococcus avium</i>	5	2	3	present	present		
	<i>Enterococcus casseliflavus</i>	1	0	1	present	present		
	<i>Enterococcus faecalis</i>	6	5	1	present	present		
	<i>Enterococcus faecium</i>	4	0	4	present	present		
	<i>Enterococcus gallinarum</i>	1	1	0	present	present		
	<i>Enterococcus raffinosus</i>	1	0	1	present	present		

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	<i>Erwinia</i>	<i>Erwinia rhapontici</i>	1	1	0	present	present
	<i>Finegoldia</i>	<i>Finegoldia magna</i>	6	6	0	present	present
	<i>Flavonifractor</i>	<i>Flavonifractor plautii</i>	5	5	0	present	absent
	<i>Gemella</i>	<i>Gemella haemolysans</i>	2	0	2	present	present
		<i>Gemella morbillorum</i>	2	1	1	present	present
	<i>Granulicatella</i>	<i>Granulicatella adiacens</i>	3	1	2	present	present
		<i>Granulicatella elegans</i>	1	1	0	present	present
		<i>Granulicatella para-adiacens</i>	1	0	1	present	absent
	<i>Lactobacillus</i>	<i>Lactobacillus casei</i>	3	3	0	present	present
		<i>Lactobacillus fermentum</i>	1	1	0	present	present
		<i>Lactobacillus gasseri</i>	3	1	2	present	present
		<i>Lactobacillus jensenii</i>	1	1	0	present	present
		<i>Lactobacillus plantarum</i>	1	1	0	present	present
		<i>Lactobacillus rhamnosus</i>	11	9	2	present	present
		<i>Lactobacillus sakei</i>	1	0	1	present	present
		<i>Lactobacillus vaginalis</i>	1	1	0	present	absent
		<i>Lactobacillus zeae</i>	2	2	0	present	present
		<i>Lactococcus garvieae</i>	1	0	1	present	present
		<i>Leclercia</i>	<i>Leclercia adecarboxylata</i>	4	4	0	present
	<i>Leuconostoc</i>	<i>Leuconostoc lactis</i>	1	1	0	present	present
		<i>Leuconostoc mesenteroides</i>	1	0	1	present	present
	<i>Listeria</i>	<i>Listeria monocytogenes</i>	2	2	0	present	present
	<i>Lysinibacillus</i>	<i>Lysinibacillus sphaericus</i>	1	1	0	present	present
	<i>Parvimonas</i>	<i>Parvimonas micra</i>	7	7	0	present	present
	<i>Peptoniphilus</i>	<i>Peptoniphilus harei</i>	3	2	1	present	present
		<i>Peptoniphilus indolicus</i>	1	0	1	present	present
		<i>Peptoniphilus lacrimalis</i>	1	1	0	present	absent
	<i>Ruminococcus</i>	<i>Ruminococcus gnavus</i>	1	1	0	present	present
	<i>Sporosarcina</i>	<i>Sporosarcina globispora</i>	1	1	0	present	present
	<i>Staphylococcus</i>	<i>Staphylococcus aureus</i>	7	5	2	present	present
		<i>Staphylococcus capitis</i>	1	1	0	present	present
		<i>Staphylococcus caprae</i>	3	0	3	present	present
		<i>Staphylococcus cohnii</i>	4	1	3	present	present
		<i>Staphylococcus epidermidis</i>	13	9	4	present	present
		<i>Staphylococcus equorum</i>	1	0	1	present	present
		<i>Staphylococcus haemolyticus</i>	1	0	1	present	present
		<i>Staphylococcus hominis</i>	2	0	2	present	present
		<i>Staphylococcus intermedius</i>	1	1	0	present	present
		<i>Staphylococcus lugdunensis</i>	1	0	1	present	present
		<i>Staphylococcus pettenkoferi</i>	2	0	2	present	present
		<i>Staphylococcus saccharolyticus</i>	2	0	2	present	present
		<i>Staphylococcus saprophyticus</i>	2	0	2	present	present

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Fusobacteria	<i>Streptococcus</i>	<i>Streptococcus anginosus</i>	21	17	4	present	present		
		<i>Streptococcus australis</i>	1	1	0	present	present		
		<i>Streptococcus constellatus</i>	22	16	6	present	present		
		<i>Streptococcus criceti</i>	3	0	3	present	present		
		<i>Streptococcus cristatus</i>	1	1	0	present	present		
		<i>Streptococcus dysgalactiae</i>	5	1	4	present	present		
		<i>Streptococcus gallolyticus</i>	12	9	3	present	present		
		<i>Streptococcus gordonii</i>	8	3	5	present	present		
		<i>Streptococcus infantarius</i>	4	4	0	present	present		
		<i>Streptococcus infantis</i>	9	3	6	present	present		
		<i>Streptococcus intermedius</i>	15	13	2	present	present		
		<i>Streptococcus lutetiensis</i>	2	1	1	present	present		
		<i>Streptococcus massiliensis</i>	2	2	0	present	present		
		<i>Streptococcus mitis</i>	44	17	27	present	present		
		<i>Streptococcus mutans</i>	5	5	0	present	present		
		<i>Streptococcus oligofermentans</i>	4	4	0	absent	absent		
		<i>Streptococcus oralis</i>	30	9	21	present	present		
		<i>Streptococcus parasanguinis</i>	8	4	4	present	present		
		<i>Streptococcus pasteurianus</i>	1	0	1	present	present		
		<i>Streptococcus peroris</i>	1	0	1	present	present		
		<i>Streptococcus pneumoniae</i>	10	3	7	present	present		
		<i>Streptococcus pseudopneumoniae</i>	2	0	2	present	present		
		<i>Streptococcus pyogenes</i>	3	1	2	present	present		
		<i>Streptococcus salivarius</i>	9	6	3	present	present		
		<i>Streptococcus sanguinis</i>	7	5	2	present	present		
		<i>Streptococcus sp oral</i>	7	7	0	absent	absent		
		<i>Streptococcus thermophilus</i>	8	5	3	present	present		
		<i>Streptococcus vestibularis</i>	4	4	0	present	present		
			<i>Turicibacter</i>	<i>Turicibacter sanguinis</i>	1	1	0	present	absent
			<i>Veillonella</i>	<i>Veillonella parvula</i>	1	1	0	present	present
			<i>Weissella</i>	<i>Weissella cibaria</i>	1	1	0	absent	absent
		Fusobacteria	<i>Fusobacterium</i>	<i>Fusobacterium naviforme</i>	2	2	0	present	present
				<i>Fusobacterium necrophorum</i>	6	6	0	present	present
<i>Fusobacterium nucleatum</i>	12			12	0	present	present		
<i>Fusobacterium periodonticum</i>	1			1	0	present	absent		
	<i>Leptotrichia</i>	<i>Leptotrichia trevisanii</i>	5	4	1	present	absent		
Proteobacteria	<i>Acetobacter</i>	<i>Acetobacter indonesiensis</i>	2	2	0	absent	absent		
		<i>Achromobacter</i>	<i>Achromobacter xylosoxidans</i>	33	27	6	present	present	
		<i>Acinetobacter</i>	<i>Acinetobacter baumannii</i>	1	1	0	present	present	
			<i>Acinetobacter calcoaceticus</i>	7	1	6	present	present	
			<i>Acinetobacter haemolyticus</i>	1	0	1	present	present	
<i>Acinetobacter johnsonii</i>	1	0	1	present	present				

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		<i>Acinetobacter junii</i>	7	3	4	present	present
		<i>Acinetobacter lwoffii</i>	2	2	0	present	present
		<i>Acinetobacter parvus</i>	1	1	0	present	present
		<i>Acinetobacter pittii</i>	4	0	4	present	present
		<i>Acinetobacter schindleri</i>	2	1	1	present	present
		<i>Acinetobacter septicus</i>	5	4	1	present	absent
		<i>Acinetobacter ursingii</i>	12	3	9	present	present
	<i>Actinobacillus</i>	<i>Actinobacillus ureae</i>	1	1	0	present	present
	<i>Aeromonas</i>	<i>Aeromonas veronii</i>	1	1	0	present	present
	<i>Aggregatibacter</i>	<i>Aggregatibacter aphrophilus</i>	7	5	2	present	present
		<i>Aggregatibacter segnis</i>	1	1	0	present	present
	<i>Agrobacterium</i>	<i>Agrobacterium tumefaciens</i>	2	0	2	present	present
	<i>Aurantimonas</i>	<i>Aurantimonas altamirensis</i>	1	0	1	present	absent
	<i>Blastomonas</i>	<i>Blastomonas ursincola</i>	1	1	0	present	present
	<i>Bordetella</i>	<i>Bordetella bronchiseptica</i>	3	2	1	present	present
		<i>Bordetella holmesii</i>	1	0	1	present	present
	<i>Brevundimonas</i>	<i>Brevundimonas diminuta</i>	3	2	1	present	present
		<i>Brevundimonas vesicularis</i>	1	0	1	present	present
	<i>Brucella</i>	<i>Brucella melitensis</i>	2	2	0	present	absent
	<i>Burkholderia</i>	<i>Burkholderia cenocepacia</i>	1	0	1	present	present
		<i>Burkholderia cepacia</i>	2	1	1	present	present
		<i>Burkholderia fungorum</i>	1	1	0	present	present
		<i>Burkholderia multivorans</i>	4	2	2	present	present
	<i>Campylobacter</i>	<i>Campylobacter fetus</i>	1	1	0	present	present
		<i>Campylobacter jejuni</i>	1	1	0	present	present
		<i>Campylobacter lari</i>	1	1	0	present	present
		<i>Campylobacter rectus</i>	1	1	0	present	present
		<i>Campylobacter ureolyticus</i>	3	3	0	present	present
	<i>Delftia</i>	<i>Delftia tsuruhatensis</i>	7	5	2	present	absent
	<i>Desulfovibrio</i>	<i>Desulfovibrio fairfieldensis</i>	3	0	3	present	absent
		<i>Desulfovibrio intestinalis</i>	1	1	0	absent	absent
	<i>Eikenella</i>	<i>Eikenella corrodens</i>	9	7	2	present	present
	<i>Enterobacter</i>	<i>Enterobacter aerogenes</i>	3	2	1	present	present
		<i>Enterobacter cancerogenus</i>	2	0	2	present	present
		<i>Enterobacter cloacae</i>	7	1	6	present	present
		<i>Enterobacter hormaechei</i>	3	1	2	present	present
		<i>Enterobacter kobei</i>	3	0	3	present	present
	<i>Erwinia</i>	<i>Erwinia tasmaniensis</i>	1	1	0	present	present
	<i>Escherichia</i>	<i>Escherichia coli</i>	6	4	2	present	present
	<i>Grimontia</i>	<i>Grimontia hollisae</i>	1	1	0	present	present
	<i>Haematobacter</i>	<i>Haematobacter massiliensis</i>	3	1	2	absent	absent
	<i>Haemophilus</i>	<i>Haemophilus influenzae</i>	2	1	1	present	present
		<i>Haemophilus parainfluenzae</i>	4	4	0	present	present

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	<i>Ignatzschineria</i>	<i>Ignatzschineria larvae</i>	3	3	0	absent	absent
	<i>Inquilinus</i>	<i>Inquilinus limosus</i>	7	6	1	present	present
	<i>Kingella</i>	<i>Kingella kingae</i>	5	5	0	present	present
	<i>Klebsiella</i>	<i>Klebsiella oxytoca</i>	2	1	1	present	present
		<i>Klebsiella pneumoniae</i>	9	4	5	present	present
	<i>Moraxella</i>	<i>Moraxella catarrhalis</i>	6	6	0	present	present
		<i>Moraxella lacunata</i>	1	1	0	present	present
		<i>Moraxella nonliquefaciens</i>	1	1	0	present	present
		<i>Moraxella osloensis</i>	3	0	3	present	present
	<i>Morganella</i>	<i>Morganella morganii</i>	2	1	1	present	present
	<i>Neisseria</i>	<i>Neisseria canis</i>	1	1	0	present	present
		<i>Neisseria cinerea</i>	3	1	2	present	present
		<i>Neisseria flavescens</i>	2	0	2	present	present
		<i>Neisseria gonorrhoeae</i>	1	0	1	present	present
		<i>Neisseria mucosa</i>	1	1	0	present	present
		<i>Neisseria sicca</i>	2	1	1	present	present
	<i>Pandoraea</i>	<i>Pandoraea pnomenus</i>	1	1	0	present	present
		<i>Pandoraea pulmonicola</i>	3	0	3	present	present
	<i>Pantoea</i>	<i>Pantoea ananatis</i>	5	2	3	present	present
		<i>Pantoea brenneri</i>	1	0	1	absent	absent
		<i>Pantoea eucrina</i>	1	0	1	present	absent
	<i>Pasteurella</i>	<i>Pasteurella canis</i>	5	1	4	present	present
		<i>Pasteurella multocida</i>	11	10	1	present	present
	<i>Pseudochrobactrum</i>	<i>Pseudochrobactrum asaccharolyticum</i>	1	0	1	present	present
	<i>Pseudomonas</i>	<i>Pseudomonas aeruginosa</i>	47	28	19	present	present
		<i>Pseudomonas alcaligenes</i>	5	3	2	present	present
		<i>Pseudomonas fluorescens</i>	1	0	1	present	present
		<i>Pseudomonas lurida</i>	1	0	1	present	absent
		<i>Pseudomonas mendocina</i>	10	0	10	present	present
		<i>Pseudomonas mosselii</i>	1	0	1	present	present
		<i>Pseudomonas oleovorans</i>	1	1	0	present	present
		<i>Pseudomonas oryzihabitans</i>	4	2	2	present	present
		<i>Pseudomonas putida</i>	2	0	2	present	present
		<i>Pseudomonas rhodesiae</i>	1	0	1	present	present
		<i>Pseudomonas stutzeri</i>	2	1	1	present	present
		<i>Pseudomonas syringae</i>	1	0	1	present	present
		<i>Rahnella</i>	<i>Rahnella aquatilis</i>	1	0	1	present
	<i>Ralstonia</i>	<i>Ralstonia insidiosa</i>	1	0	1	present	present
		<i>Ralstonia mannitolilytica</i>	2	0	2	present	present
	<i>Roseomonas</i>	<i>Roseomonas genomospecies 5</i>	1	1	0	present	absent
		<i>Roseomonas mucosa</i>	3	3	0	present	present
	<i>Rothia</i>	<i>Rothia aeria</i>	1	1	0	present	present

Phylum	Genus	Bacterial species confirmed using molecular identification	N° of isolates (n=)	N° of isolates, CPI*	N° of isolates, MALDI-TOF period	Our MALDI-TOF database	MALDI-TOF database (Bruker)
	<i>Salmonella</i>	<i>Salmonella enterica</i>	1	0	1	present	present
	<i>Serratia</i>	<i>Serratia nematodiphila</i>	1	0	1	absent	absent
		<i>Serratia rubidaea</i>	2	0	2	present	present
	<i>Slackia</i>	<i>Slackia exigua</i>	3	3	0	present	present
	<i>Sphingomonas</i>	<i>Sphingomonas mucosissima</i>	1	1	0	present	present
		<i>Sphingomonas paucimobilis</i>	1	1	0	present	present
	<i>Stenotrophomonas</i>	<i>Stenotrophomonas maltophilia</i>	11	9	2	present	present

25 CPI*: conventional phenotypic identification (Gram staining, API, Vitek 2 system identification).

Table S5. Distribution of the sources of clinical samples for the 48 rare bacterial species identified by phenotypic identification.

Phylum	Genus	Bacteria species	Clinical samples	N° of Isolates		
Actinobacteria	<i>Actinobaculum</i>	<i>Actinobaculum massiliense</i>	Joint bone infection	1		
		<i>Actinomadura</i>	<i>Actinomadura cremea</i>	Biopsy	1	
	<i>Actinomyces</i>	<i>Actinomyces europaeus</i>	Abscess	1		
			Biopsy	3		
			Joint bone infection	2		
			Skin wound	4		
			Surgical drainage	2		
			<i>Actinomyces radidentis</i>	Bloodstream	3	
			<i>Actinomyces radingae</i>	Abscess	8	
			Biopsy	2		
			Bloodstream	1		
			Cardiac pacemaker	2		
			Skin wound	1		
			Surgical drainage	6		
			<i>Arthrobacter</i>	<i>Arthrobacter cumminsii</i>	Biopsy	1
					Bloodstream	2
					Skin wound	1
	Surgical drainage	1				
	<i>Brevibacterium</i>	<i>Brevibacterium luteolum</i>	Skin wound	1		
			<i>Brevibacterium massiliense</i>	Bloodstream	1	
			<i>Brevibacterium paucivorans</i>	Bloodstream	1	
			<i>Brevibacterium ravensturnense</i>	Skin wound	1	
	<i>Corynebacterium</i>	<i>Corynebacterium auriscanis</i>	Ear	1		
			Skin wounds	1		
			Skin wound	1		
			<i>Corynebacterium coyleae</i>	Bloodstream	4	
			Urinary tract infection	3		
			<i>Corynebacterium fastidiosum</i>	Biopsy	2	
			<i>Corynebacterium imitans</i>	Bloodstream	2	
			<i>Corynebacterium mucifaciens</i>	Bloodstream	2	
			Cerebrospinal fluid	3		
			<i>Microbacterium</i>	<i>Microbacterium schleiferi</i>	Cornea	1
<i>Pseudoclavibacter</i>	<i>Zimmermannella bifida</i>	Bloodstream	1			
<i>Varibaculum</i>	<i>Varibaculum cambriense</i>	Abscess	1			
		Surgical drainage	1			
		Bacteroidetes	<i>Alistipes</i>	<i>Alistipes finegoldii</i>	Bloodstream	3
<i>Bacteroides</i>	<i>Bacteroides cellulosilyticus</i>	Biopsy	1			
		Bloodstream	2			
		Surgical drainage	1			
<i>Butyricimonas</i>	<i>Butyricimonas virosa</i>	Joint bone infection	1			
<i>Porphyromonas</i>	<i>Porphyromonas somerae</i>	Biopsy	3			
		Cardiac pacemaker	1			

Phylum	Genus	Bacteria species	Clinical samples	N° of Isolates
			Joint bone infection	3
			Surgical drainage	2
	<i>Prevotella</i>	<i>Candidatus Prevotella conceptionensis</i>	Sinusitis	3
		<i>Prevotella massiliensis</i>	Bloodstream	1
Firmicutes	<i>Acidaminococcus</i>	<i>Acidaminococcus intestini</i>	Abscess	1
			Surgical drainage	1
	<i>Anaerococcus</i>	<i>Anaerococcus lactolyticus</i>	Bloodstream	1
			Surgical drainage	2
		<i>Anaerococcus octavius</i>	Biopsy	1
			Bloodstream	1
			Joint bone infection	2
			Pleural biopsy	1
			Sinusitis	1
			Surgical drainage	1
	<i>Eubacterium</i>	<i>Eubacterium tenue</i>	Bloodstream	1
			Pericardial effusion	1
		<i>Eubacterium yurii</i>	Sinusitis	1
	<i>Facklamia</i>	<i>Facklamia languida</i>	Abscess	1
	<i>Peptoniphilus</i>	<i>Peptoniphilus harei</i>	Abscess	8
			Aortic aneurysm	1
			Biopsy	32
			Bloodstream	10
			Bone marrow culture	1
			Joint bone infection	15
			Joint-Bone	2
			Sinusitis	2
			Skin wound	2
			Surgical drainage	22
	<i>Robinsoniella</i>	<i>Robinsoniella peoriensis</i>	Joint bone infection	2
			Skin wound	1
	<i>Sporosarcina</i>	<i>Sporosarcina ginsengisoli</i>	Bloodstream	1
	<i>Streptococcus</i>	<i>Streptococcus massiliensis</i>	Bloodstream	2
			Peritoneal fluid	1
			Skin wound	1
	<i>Turicibacter</i>	<i>Turicibacter sanguinis</i>	Bloodstream	2
			Peritoneal fluid	1
	<i>Veillonella</i>	<i>Veillonella montpellierensis</i>	Surgical drainage	1
Fusobacteria	<i>Leptotrichia</i>	<i>Leptotrichia goodfellowii</i>	Surgical drainage	1
		<i>Leptotrichia trevisanii</i>	Bloodstream	3
Proteobacteria	<i>Acinetobacter</i>	<i>Acinetobacter parvus</i>	Bloodstream	1
			Sputum	1
	<i>Comamonas</i>	<i>Comamonas kerstersii</i>	Bloodstream	2
	<i>Enterobacter</i>	<i>Enterobacter cowanii</i>	Biopsy	1
			Sinusitis	1

Phylum	Genus	Bacteria species	Clinical samples	N° of Isolates
			Urinary tract infection	1
		<i>Enterobacter kobei</i>	Abscess	3
			Biliary drainage	3
			Biopsy	8
			Bloodstream	54
			Bone marrow culture	1
			Bronchoalveolar lavage	11
			Oral ulcer	1
			Conjunctiva	1
			Dialysis catheter	1
			Ear newborn	1
			Human semen	1
			Intrauterine device	1
			Joint bone infection	7
			Nasal swabs	1
			Peritoneal fluid	2
			Pharynx newborn	1
			Pleural biopsy	1
			Pulmonary biopsy	1
			Skin wound	40
			Sputum	15
			Surgical drainage	10
			Tracheobronchial aspiration	18
			Umbilical cord bloodstream	1
			Urinary tract infection	89
	<i>Ochrobactrum</i>	<i>Ochrobactrum grignonense</i>	Bloodstream	1
	<i>Pandoraea</i>	<i>Pandoraea pulmonicola</i>	Bloodstream	2
			Bronchoalveolar lavage	5
			Pleural biopsy	1
			Sputum	17
			Tracheobronchial aspiration	6
	<i>Paracoccus</i>	<i>Paracoccus yeeii</i>	Bloodstream	2
	<i>Pseudomonas</i>	<i>Pseudomonas hibiscicola</i>	Biopsy	1
			Sputum	1
	<i>Roseomonas</i>	<i>Roseomonas ludipueritiae</i>	Bloodstream	1
	<i>Serratia</i>	<i>Serratia ureilytica</i>	Skin wound	1