

Supplementary Table S1. Summary of diversity and richness of microbial community.

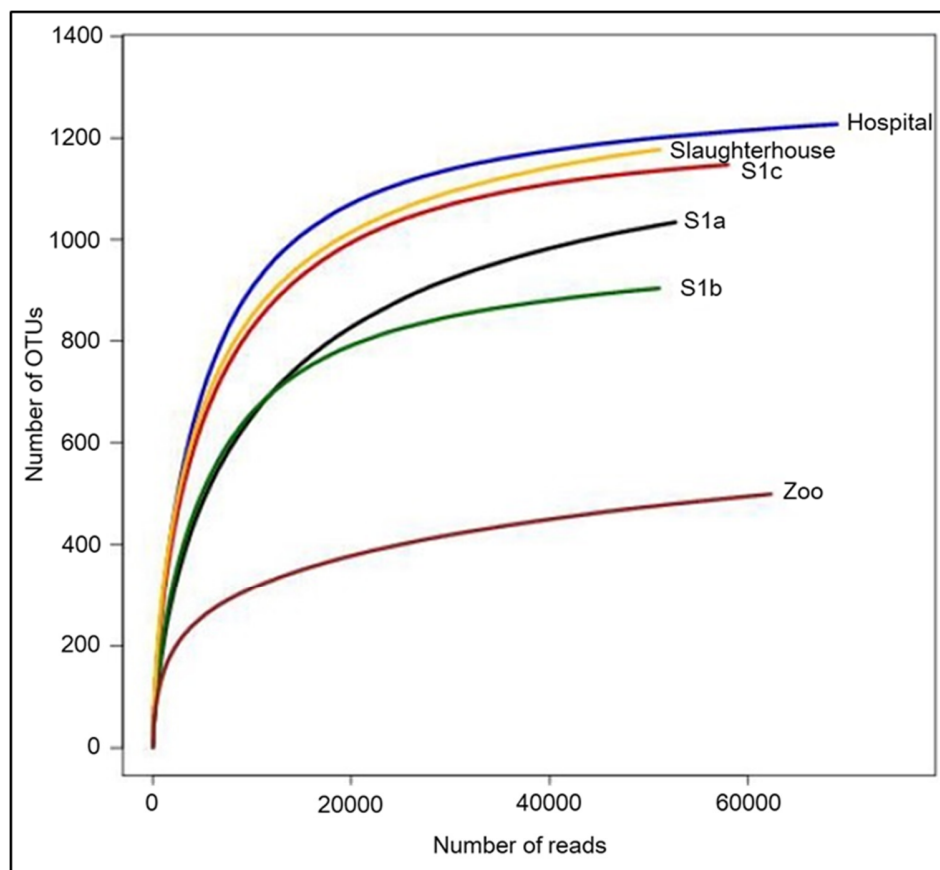
Site	Reads	OTUs	Shannon Index	Chao1 Index
S1a	52,660	1034	3.86	1164
Zoo	62,265	499	3.87	633
Hospital	68,919	1227	4.91	1278
Slaughterhouse	51,039	1177	5.24	1254
S1b	50,997	904	4.18	973
S1c	57,927	1147	4.64	1186

Supplementary Table S2. Sulfonamides resistant bacteria identified to species level.

Genera	Species	Number	Percentage
<i>Acinetobacter</i>		25	9.0
	<i>baumannii</i>	1	4.0
	<i>beijerinckii</i>	1	4.0
	<i>brisouii</i>	1	4.0
	<i>haemolyticus</i>	1	4.0
	<i>junii</i>	2	8.0
	<i>parvus</i>	2	8.0
	<i>seohaensis</i>	3	12.0
	sp.	10	40.0
	<i>tjernbergiae</i>	3	12.0
	<i>variabilis</i>	1	4.0
<i>Aeromonas</i>		5	1.8
	<i>dhakensis</i>	1	20.0
	<i>hydrophila</i>	2	40.0
	sp.	1	20.0
	<i>veronii</i>	1	20.0
<i>Alcaligenes</i>		1	0.4
	sp.	1	100.0
<i>Aquitalea</i>		1	0.4
	sp.	1	100.0
<i>Bacillus</i>		13	4.7
	<i>cereus</i>	3	23.1
	sp.	7	53.8
	<i>thuringiensis</i>	2	15.4
	<i>toyonensis</i>	1	7.7
<i>Chryseobacterium</i>		1	0.4
	sp.	1	100.0
<i>Citrobacter</i>		4	1.4
	<i>farmeri</i>	1	25.0
	<i>freundii</i>	3	75.0
<i>Comamonas</i>		7	2.5
	<i>aquatica</i>	1	14.3
	sp.	6	85.7
<i>Delftia</i>		2	0.7
	<i>litopenaei</i>	1	50.0
	sp.	1	50.0
<i>Elizabethkingia</i>		1	0.4
	<i>anopheles</i>	1	100.0

Table S2, continued

Genera	Species	Number	Percentage
<i>Enterobacter</i>		20	7.2
	<i>aerogenes</i>	1	5.0
	<i>cloacae</i>	13	65.0
	<i>hormaechei</i>	1	5.0
	<i>kobei</i>	2	10.0
	sp.	3	15.0
<i>Escherichia</i>		36	12.9
	<i>coli</i>	34	94.4
	sp.	2	5.6
<i>Exiguobacterium</i>		2	0.7
	<i>indicum</i>	2	100.0
<i>Klebsiella</i>		123	44.2
	<i>pneumoniae</i>	114	92.7
	sp.	7	5.7
	<i>variicola</i>	2	1.6
<i>Kocuria</i>		1	0.4
	sp.	1	100.0
<i>Macrococcus</i>		2	0.7
	<i>caseolyticus</i>	2	100.0
<i>Micrococcus</i>		1	0.4
	sp.	1	100.0
<i>Pseudomonas</i>		7	2.5
	<i>mosselii</i>	1	14.3
	sp.	6	85.7
<i>Serratia</i>		1	0.4
	<i>marcescens</i>	1	100.0
<i>Shewanella</i>		1	0.4
	sp.	1	100.0
<i>Shigella</i>		1	0.4
	sp.	1	100.0
<i>Soonwooa</i>		1	0.4
	<i>buanensis</i>	1	100.0
<i>Stenotrophomonas</i>		2	0.7
	sp.	2	100.0
Unassigned		19	6.8
	Unassigned	19	100.0
<i>Wautersiella</i>		1	0.4
	<i>falsenni</i>	1	100.0
Total		278	



Supplementary Figure S1. Rarefaction curves estimates at 97% of microbial community.

Supplementary Figure S2. Bacterial genera detected by 16S rDNA metagenomics.

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Acetitomaculum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Acetoanaerobium</i>	0.0	0.0	0.0	0.3	0.0	0.0
<i>Acetobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Acholeplasma</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Acidaminobacter</i>	0.1	0.0	0.1	0.0	0.1	0.0
<i>Acidaminococcus</i>	0.0	0.0	0.3	0.0	0.0	0.0
<i>Acidibacter</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Acidomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Acidothermus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Acidovorax</i>	0.3	4.2	0.9	0.0	0.3	0.0
<i>Acinetobacter</i>	1.6	10.2	0.6	0.4	0.3	0.4
<i>Actibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Actinomyces</i>	0.0	0.0	0.1	1.3	0.0	0.0
<i>Actinopolyspora</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Adhaeribacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Aequorivita</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>Aeromicrobium</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Aeromonas</i>	0.0	0.5	0.0	0.0	0.2	0.1
<i>Aestuariibaculum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Aestuariimicrobium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Ajfella</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Agaricicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Agromyces</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Akkermansia</i>	0.0	0.0	0.9	0.0	0.0	0.0
<i>Albidiferax</i>	0.1	0.0	0.0	0.0	0.3	0.0
<i>Alcaligenes</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>Alicyclophilus</i>	0.0	0.2	0.0	0.1	0.0	0.0
<i>Alistipes</i>	0.0	0.0	0.1	0.0	0.1	0.0
<i>Alkaliphilus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Alkanindiges</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Allobaculum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Allochromatium</i>	0.0	0.0	0.0	9.9	0.0	0.0
<i>Allofustis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Alloprevotella</i>	0.0	0.0	0.1	0.1	0.0	0.0
<i>Alpinimonas</i>	0.1	0.0	0.0	0.2	1.2	0.0
<i>Alsobacter</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Alterococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Alteromonas</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Aminomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Anaerobacterium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Anaerococcus</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Anaerofilum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Anaerofustis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Anaerolinea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Anaeromyxobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Anaerosalibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Anaerostipes</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Anaerotruncus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Anaerovibrio</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Anaerovorax</i>	0.0	0.0	0.0	0.0	0.0	0.0

Supplementary Figure S2, continued

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Ancalomicrobium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Ancylobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Andersenella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Aphanizomenon</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Aquabacterium</i>	0.0	0.6	0.0	0.0	0.4	0.0
<i>Aquibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Aquicella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Aquitalea</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Arcicella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Arcobacter</i>	0.0	0.0	0.2	0.0	0.3	0.3
<i>Arenimonas</i>	0.8	0.0	0.0	0.0	0.0	0.0
<i>Arthrobacter</i>	0.4	0.8	0.3	1.3	0.0	0.0
<i>Asteroleplasma</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Asticcacaulis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Atopobium</i>	0.0	0.0	0.2	0.1	0.0	0.0
<i>Atopostipes</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>Aureimarina</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Austwickia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Azoarcus</i>	0.2	0.0	0.1	0.0	0.0	0.0
<i>Azonexus</i>	0.0	0.0	0.0	0.0	0.5	0.0
<i>Azospira</i>	0.2	0.0	0.2	0.0	0.0	0.0
<i>Bacillus</i>	5.3	0.0	0.0	0.4	0.0	0.0
<i>Bacteriovorax</i>	0.0	0.0	0.0	0.0	0.4	0.0
<i>Bacteroides</i>	0.0	0.2	0.2	0.4	0.0	0.0
<i>Barnesiella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Bdellovibrio</i>	0.0	0.0	0.0	0.0	0.7	0.0
<i>Beggiatoa</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Bellilinea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Bifidobacterium</i>	0.0	0.0	10.6	2.4	0.0	0.0
<i>Bizonia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Blastocatella</i>	0.1	0.0	0.1	0.0	0.0	0.0
<i>Blastococcus</i>	0.1	0.0	0.0	0.0	0.1	0.0
<i>Blautia</i>	0.0	0.0	0.1	0.1	0.0	0.0
<i>Bordetella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Bosea</i>	0.0	0.1	0.2	0.0	0.0	0.0
<i>Brachybacterium</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>Brachymonas</i>	0.0	0.0	0.1	0.2	0.0	0.0
<i>Brevibacillus</i>	11.1	0.0	0.0	0.0	0.0	0.0
<i>Brevibacterium</i>	0.1	0.4	0.0	0.3	0.0	0.0
<i>Brevundimonas</i>	12.3	1.5	0.0	0.1	0.0	0.0
<i>Brooklawia</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Bryobacter</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Burkholderia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Butyrivibrio</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Caldisericum</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Caldithrix</i>	0.0	0.0	0.0	0.0	0.0	0.3
<i>Camelimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Candidatus</i>	0.1	0.0	0.6	0.0	0.5	15.5
<i>Catenibacterium</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Caulobacter</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Cetobacterium</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Chelatococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chitinimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0

Supplementary Figure S2, continued

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Chitinivorax</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Chitinophaga</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chloronema</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Chroococidiopsis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chryseobacterium</i>	0.3	7.2	0.4	0.0	0.0	0.0
<i>Chryseolinea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Chryseomicrobium</i>	0.0	0.1	0.0	0.2	0.1	2.0
<i>Chthoniobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Cloacibacillus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Cloacibacterium</i>	0.2	3.8	1.7	0.2	1.0	0.0
<i>Clostridium</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Collinsella</i>	0.0	5.3	5.0	0.1	0.0	0.0
<i>Colwellia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Comamonas</i>	0.4	22.9	12.7	0.4	0.1	0.1
<i>Corynebacterium</i>	0.1	0.3	0.0	2.2	0.0	0.0
<i>Coxiella</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Craurococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Crenothrix</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Crocinitomix</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Cupriavidus</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Curvibacter</i>	0.1	0.1	0.2	0.0	0.2	0.0
<i>Dechloromonas</i>	0.1	0.0	0.1	0.0	0.3	0.0
<i>Deferrisoma</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Defluviicoccus</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Defluviimonas</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>Deinococcus</i>	0.2	0.1	0.0	1.0	0.0	0.0
<i>Dermacoccus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Deroxia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Desulfatiglans</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Desulfobacca</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Desulfobulbus</i>	0.0	0.0	0.0	0.1	0.0	0.9
<i>Desulfomonile</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Desulfonispota</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Desulfopila</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Desulforhabdus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Desulfovibrio</i>	0.0	0.0	0.2	0.1	0.0	0.0
<i>Desulfuromusa</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Devosia</i>	0.1	0.1	0.0	0.0	0.0	0.0
<i>Dialister</i>	0.0	0.0	0.5	0.0	0.0	0.0
<i>Dietzia</i>	0.1	0.5	0.0	0.1	0.0	0.0
<i>Diplorickettsia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dokdonella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dolosicoccus</i>	0.0	0.5	0.0	0.0	0.0	0.0
<i>Dorea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Draconibacterium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dysgonomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Edwardsiella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Eggerthella</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Elizabethkingia</i>	0.0	0.1	0.3	0.0	0.0	0.0
<i>Elusimicrobium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Empedobacter</i>	0.0	3.5	0.0	0.0	0.0	0.0
<i>Emticicia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Enterobacter</i>	0.1	0.3	2.8	0.4	0.0	0.0

Supplementary Figure S2, continued

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Enterococcus</i>	0.1	0.0	0.7	1.4	0.0	0.0
<i>Enterorhabdus</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Erysipelatoclostridium</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Erysipelothrix</i>	0.0	0.2	0.0	1.0	0.0	0.0
<i>Erythrobacter</i>	0.0	0.0	0.0	0.0	0.0	0.4
<i>Escherichia-Shigella</i>	0.0	0.3	0.4	1.3	0.0	0.0
<i>Eubacterium</i>	0.0	0.0	0.1	0.1	0.0	0.0
<i>Exiguobacterium</i>	0.0	0.1	0.0	0.0	0.0	1.0
<i>Faecalibacterium</i>	0.0	0.0	0.2	0.0	0.0	0.0
<i>Faecalicoccus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Fastidiosipila</i>	0.0	0.0	0.0	0.9	0.0	0.0
<i>Ferruginibacter</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Fibrella</i>	0.6	0.0	0.0	0.0	0.0	0.0
<i>Fictibacillus</i>	10.7	0.0	0.0	0.0	0.0	0.0
<i>Filomicrobium</i>	0.0	0.0	0.0	0.0	0.0	0.2
<i>Flavisolibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Flavitalea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Flavobacterium</i>	0.2	9.9	0.1	0.0	1.2	0.0
<i>Flavonifractor</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Flectobacillus</i>	0.0	0.0	0.0	0.0	0.5	0.0
<i>Fluviicola</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Fodinicola</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Formivibrio</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Fusibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Fusicatenibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Fusobacterium</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>Gaiella</i>	0.1	0.0	0.0	0.1	0.0	0.0
<i>Gallicola</i>	0.0	0.0	0.1	0.3	0.0	0.0
<i>Gardnerella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Gelria</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Gemmatimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Gemmobacter</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>Geoalkalibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Geobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Geodermatophilus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Geothrix</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Globicatella</i>	0.0	0.0	0.0	0.2	0.0	0.0
<i>Gordonia</i>	0.0	0.1	0.0	0.1	0.0	0.0
<i>Gottschalkia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Gracilibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Granulosicoccus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Guggenheimella</i>	0.0	0.0	0.0	0.3	0.0	0.0
<i>Haemophilus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Hahella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Haliangium</i>	0.0	0.0	0.1	0.0	0.1	0.0
<i>Haliea</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Haloferula</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Halomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Helcobacillus</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>Helcococcus</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Hirschia</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Holdemanella</i>	0.0	0.0	1.4	0.0	0.0	0.0
<i>Hungatella</i>	0.0	0.0	0.0	0.0	0.0	0.0

Supplementary Figure S2, continued

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Hydrogenophaga</i>	0.2	0.2	0.1	0.1	0.5	0.0
<i>Hydrotalea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Hymenobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Hyphomicrobium</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Iamia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Ideonella</i>	0.0	0.0	0.1	0.0	0.8	0.0
<i>Ignatzschineria</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Ignavibacterium</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Ignavigranum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Illumatobacter</i>	0.0	0.0	0.0	0.0	0.0	1.1
<i>Insolitispirillum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Intestinibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Intestinimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Jeotgalicoccus</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>Kaistia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Ketogulonicigenium</i>	0.0	0.0	0.0	0.0	0.0	0.3
<i>Kineococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Kocuria</i>	0.0	0.1	0.0	0.5	0.0	0.0
<i>Koukoulia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Kurthia</i>	0.0	0.1	0.0	0.7	0.0	0.0
<i>Labrys</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Lachnoclostridium</i>	0.0	0.1	0.2	0.9	0.0	0.0
<i>Lachnospira</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lacibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lactivibrio</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lactobacillus</i>	0.0	0.0	0.6	1.5	0.1	0.0
<i>Lactococcus</i>	0.0	0.0	0.1	0.5	0.0	0.0
<i>Leadbetterella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Leeia</i>	0.1	0.0	6.7	0.0	0.0	0.0
<i>Legionella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Leptolinea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Leptolyngbya</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Leucobacter</i>	0.2	0.9	0.0	3.1	0.0	0.0
<i>Leuconostoc</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lewinella</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Limnohabitans</i>	0.8	0.0	0.0	0.0	3.5	0.0
<i>Limnothrix</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Longilinea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Luteimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Luteolibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lutibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lutispora</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Lysinibacillus</i>	0.0	0.1	0.0	2.0	0.0	0.0
<i>Lysobacter</i>	0.1	0.1	0.0	0.0	0.0	0.0
<i>Macellibacteroides</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Macrococcus</i>	0.0	0.1	0.0	0.4	0.0	0.0
<i>Magnetospirillum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Mangrovibacterium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Marinicella</i>	0.0	0.0	0.0	0.0	0.0	1.1
<i>Marinobacterium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Marinomonas</i>	0.0	0.0	0.0	0.0	0.1	0.4
<i>Maritimimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Massilia</i>	5.7	0.1	0.0	0.0	0.0	0.0

Supplementary Figure S2, continued

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Megamonas</i>	0.0	0.2	0.5	0.0	0.0	0.0
<i>Meganema</i>	0.0	0.0	0.1	0.0	0.1	0.0
<i>Megasphaera</i>	0.0	0.0	0.6	0.2	0.0	0.0
<i>Meniscus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Methylobacterium</i>	0.1	0.0	0.1	0.1	0.0	0.0
<i>Methylocaldum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Methyloceanibacter</i>	0.0	0.0	0.0	0.0	0.0	0.5
<i>Methylomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Methylophilus</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Methylosinus</i>	0.0	0.0	0.2	0.0	0.0	0.0
<i>Methyлотenera</i>	0.7	0.0	0.0	0.0	0.0	0.0
<i>Methyloversatilis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Methylovulum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Microbacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Microbacterium</i>	0.2	0.1	0.2	0.1	0.0	0.0
<i>Microlunatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Micromonospora</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Microvirga</i>	0.1	0.0	0.1	0.1	0.1	0.0
<i>Mitsuokella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Mobilicoccus</i>	0.0	0.0	0.0	0.2	0.0	0.0
<i>Mobilitalea</i>	0.1	0.0	0.1	0.0	0.0	0.0
<i>Mogibacterium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Moraxella</i>	0.1	0.1	0.1	0.2	0.0	0.0
<i>Morganella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Mucispirillum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Mycobacterium</i>	0.0	0.0	0.0	0.1	0.1	0.0
<i>Myroides</i>	0.0	0.3	0.0	0.0	0.0	0.0
<i>Nakamurella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Neochlamydia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Neptunomonas</i>	0.0	0.0	0.0	0.0	0.1	0.9
<i>Nesterenkonia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Niabella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Niastella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Nitrolancea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Nitrosococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Nitrosospira</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Nitrospira</i>	0.1	0.0	0.2	0.0	0.1	0.1
<i>Nocardia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Nocardioides</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Nonomuraea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Nordella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Nosocomiicoccus</i>	0.0	0.0	0.0	1.0	0.0	0.0
<i>Novosphingobium</i>	0.8	0.3	0.1	0.0	0.7	0.2
<i>Nubsella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oceanisphaera</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Oceanospirillum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Ochrobactrum</i>	0.0	0.0	0.2	0.0	0.0	0.0
<i>Ohtaekwangia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oleiphilus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oligella</i>	0.0	0.3	0.0	0.1	0.0	0.0
<i>Olsenella</i>	0.0	0.0	0.4	0.1	0.0	0.0
<i>Ornithinimicrobium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Oscillibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0

Supplementary Figure S2, continued

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Oscillospira</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Owenweeksia</i>	0.0	0.0	0.0	0.0	0.0	0.2
<i>Oxalophagus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paenalcaligenes</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>Paenibacillus</i>	0.7	0.0	0.0	0.0	0.0	0.0
<i>Paenochrobactrum</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Paludibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paludibacterium</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Pandoraea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Parabacteroides</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Paracoccus</i>	0.0	0.3	0.1	1.0	0.0	0.0
<i>Paraeggerthella</i>	0.0	0.0	0.0	0.8	0.0	0.0
<i>Parafilimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Parapedobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paraprevotella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Parapusillimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Parvimonas</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Patulibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paucimonas</i>	0.0	0.0	0.1	0.0	0.1	0.0
<i>Pectinatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pediococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pedobacter</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>Pedomicrobium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pelolinea</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Peptoclostridium</i>	0.0	0.3	0.0	0.2	0.0	0.0
<i>Peptococcus</i>	0.0	0.0	0.0	0.5	0.0	0.0
<i>Peptoniphilus</i>	0.0	0.0	0.0	1.3	0.0	0.0
<i>Peptostreptococcus</i>	0.0	0.0	0.0	0.2	0.0	0.0
<i>Peredibacter</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Persicirhabdus</i>	0.0	0.0	0.0	0.0	0.0	0.4
<i>Petrimonas</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Phaeodactylibacter</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Phascolarctobacterium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Phenylobacterium</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Photobacterium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Phreatobacter</i>	0.1	0.0	0.1	0.0	0.0	0.0
<i>Planifilum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Planktothrix</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Planococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pleomorphomonas</i>	0.0	0.0	0.4	0.0	0.0	0.0
<i>Plesiomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Polyangium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Polycyclovorans</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Polynucleobacter</i>	0.2	0.0	0.0	0.0	11.9	0.0
<i>Pontibacter</i>	0.0	0.0	0.1	0.0	0.0	0.3
<i>Porphyromonas</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Portibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Prevotella</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Prolixibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Propionibacterium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Propioniciclava</i>	0.0	0.0	0.6	0.3	0.0	0.0
<i>Propionispira</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Propionivibrio</i>	0.0	0.0	0.7	0.0	0.0	0.0

Supplementary Figure S2, continued

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Proteiniclasticum</i>	0.0	0.0	0.1	1.7	0.0	0.0
<i>Proteiniphilum</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>Proteocatella</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Proteus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Providencia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pseudahrensia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pseudarcicella</i>	0.0	0.0	0.0	0.0	0.4	0.0
<i>Pseudoalteromonas</i>	0.0	0.0	0.0	0.0	0.1	0.2
<i>Pseudobutyrvibrio</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pseudochrobactrum</i>	0.0	0.2	0.1	0.1	0.0	0.0
<i>Pseudomonas</i>	1.6	1.3	0.5	0.0	0.3	0.9
<i>Pseudonocardia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pseudoruegeria</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pseudospirillum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pseudoxanthomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Psychrobacter</i>	0.0	0.4	0.0	0.0	0.0	0.0
<i>Ralstonia</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Ramlibacter</i>	0.1	0.1	0.0	0.0	0.1	0.0
<i>Reichenbachiella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Reyranella</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Rheinheimera</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Rhizobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhizobium</i>	0.8	0.1	0.1	0.0	0.0	0.0
<i>Rhizomicrobium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhodobacter</i>	0.5	0.2	0.1	0.4	0.3	0.1
<i>Rhodobium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhodoblastus</i>	0.0	0.0	0.3	0.0	0.0	0.0
<i>Rhodococcus</i>	0.9	0.0	0.1	0.2	0.4	0.1
<i>Rhodoplanes</i>	0.1	0.0	0.1	0.0	0.0	0.0
<i>Rhodopseudomonas</i>	0.0	0.0	0.1	0.5	0.0	0.0
<i>Rhodovarius</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rickettsiella</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Rivicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Robiginitalea</i>	0.0	0.0	0.0	0.0	0.0	0.3
<i>Romboutsia</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>Roseburia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Roseibacillus</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Roseiflexus</i>	0.1	0.0	0.2	0.0	0.0	0.0
<i>Roseomonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rubellimicrobium</i>	0.0	0.0	0.0	0.2	0.0	0.0
<i>Rubidimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rubroacter</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Rudanella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Ruminococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Saccharofermentans</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Saccharomonospora</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Salinihabitans</i>	0.0	0.0	0.0	0.0	0.0	0.5
<i>Salinirepens</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sandaracinobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sandaracinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sarcina</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sedimentibacter</i>	0.0	0.0	0.2	0.1	0.0	0.0
<i>Sedimenticola</i>	0.0	0.0	0.0	0.0	0.0	0.1

Supplementary Figure S2, continued

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Sediminibacterium</i>	0.1	0.0	0.0	0.0	1.7	0.0
<i>Selenomonas</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Senegalimassilia</i>	0.0	0.0	0.3	0.0	0.0	0.0
<i>Sharpea</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Shewanella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Shuttleworthia</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sinibacillus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Skermanella</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Slackia</i>	0.0	0.1	0.1	0.0	0.0	0.0
<i>Smithella</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Solibacillus</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>Solirubrobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Solobacterium</i>	0.0	3.5	0.2	0.1	0.0	0.0
<i>Soonwooa</i>	0.2	2.4	0.0	0.1	0.0	0.0
<i>Sorangium</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>Sphaerochaeta</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Sphaerotilus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sphingobacterium</i>	0.0	0.7	0.0	0.0	0.0	0.0
<i>Sphingobium</i>	19.4	0.0	0.0	0.0	0.0	0.0
<i>Sphingomonas</i>	0.6	0.0	0.3	0.1	0.1	0.0
<i>Sphingopyxis</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>Spirillum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Spirochaeta</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sporichthya</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sporomusa</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sporosarcina</i>	0.0	0.0	0.0	0.2	0.0	0.0
<i>Staphylococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Stenotrophomonas</i>	0.0	0.7	0.1	0.0	0.0	0.2
<i>Stenoxybacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Steroidobacter</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Streptococcus</i>	0.0	0.0	4.4	9.7	0.0	0.0
<i>Streptomyces</i>	0.1	0.0	0.1	0.0	0.0	0.0
<i>Subdoligranulum</i>	0.0	0.0	0.4	0.0	0.0	0.0
<i>Succinispira</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sulfuricurvum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sulfurimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sulfurospirillum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sulfurovum</i>	0.0	0.0	0.0	0.0	0.0	0.2
<i>Synechococcus</i>	0.0	0.0	0.0	0.0	0.0	0.6
<i>Syntrophobacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Syntrophococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Syntrophomonas</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Syntrophorhabdus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tahibacter</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Taibaiella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tepidimicrobium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Terrimonas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tessaracoccus</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>Thalassospira</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Thauera</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Thermincola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Thermoanaerobaculum</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Thermodesulfobium</i>	0.0	0.0	0.0	0.0	0.0	0.0

Supplementary Figure S2, continued

Genus	S1a	Zoo	Hospital	Slaughterhouse	S1b	S1c
<i>Thermomonas</i>	0.2	0.5	0.0	0.0	0.0	0.0
<i>Thermus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Thiobaca</i>	0.0	0.0	0.0	3.1	0.0	0.0
<i>Thiorhodospira</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Thiothrix</i>	0.0	0.0	1.8	0.0	0.0	0.0
<i>Tissierella</i>	0.0	0.6	0.0	0.3	0.0	0.0
<i>Tolumonas</i>	0.0	0.0	0.1	0.0	0.1	0.0
<i>Trichococcus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tropicimonas</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Truepera</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Trueperella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Tumebacillus</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Turicibacter</i>	0.1	0.0	0.1	0.0	0.0	0.0
<i>Turneriella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Uliginosibacterium</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Unassigned</i>	15.1	8.6	28.4	33.0	65.6	66.5
<i>Undibacterium</i>	0.0	0.0	0.0	0.0	0.4	0.0
<i>Ureaplasma</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Ureibacillus</i>	0.0	0.0	0.0	0.2	0.0	0.0
<i>Uruburuella</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Vagococcus</i>	0.0	0.1	0.0	0.2	0.0	0.0
<i>Variibacter</i>	0.1	0.0	0.0	0.0	0.0	0.0
<i>Veillonella</i>	0.0	0.0	0.1	0.1	0.0	0.0
<i>Vibrio</i>	0.0	0.0	0.0	0.0	0.0	0.4
<i>Vitreoscilla</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>Vogesella</i>	0.0	0.0	0.0	0.0	0.2	0.0
<i>Vulcanibacillus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Weeksella</i>	0.0	0.1	0.0	0.1	0.0	0.0
<i>Weissella</i>	0.0	0.0	0.1	0.9	0.0	0.0
<i>Wohlfahrtiimonas</i>	0.0	0.1	0.0	0.1	0.0	0.0
<i>Woodsholea</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>Xanthobacter</i>	0.0	0.0	0.4	0.0	0.0	0.0
<i>Zeaxanthinibacter</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>Zhangella</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>Zoogloea</i>	0.1	0.0	0.1	0.0	0.6	0.0
<i>Zymomonas</i>	0.1	0.0	0.0	0.0	0.0	0.0
Total	100	100	100	100	100	100