

Supplementary Table II. Top 10 phyla, class, order and genera of Greengenes, SILVA, RDP and 16S-UDb databases (clustered at 97% threshold)

Rank	Taxon	Greengenes	SILVA	RDP	16S-UDb
Phylum	Proteobacteria	27.69	31.01	29.22	38.24
	Firmicutes	26.84	29.41	27.03	29.91
	Actinobacteria	5.60	8.37	6.60	12.72
	Bacteroidetes	13.05	11.34	12.80	10.44
	Cyanobacteria	2.13	2.09	1.76	1.93
	Tenericutes	0.74	0.57	0.26	1.39
	Spirochaetes	1.45	1.08	1.03	0.83
	Verrucomicrobia	1.76	1.09	1.61	0.47
	Deinococcus-Thermus	N/A	0.19	0.22	0.45
	Planctomycetes	3.42	2.59	2.40	0.38
Class	Gammaproteobacteria	9.11	11.35	10.19	21.20
	Bacilli	4.55	6.48	5.43	17.57
	Actinobacteria	3.73	6.54	6.53	12.59
	Clostridia	21.73	21.48	19.23	11.16
	Alphaproteobacteria	7.69	8.62	7.84	9.26
	Betaproteobacteria	4.04	5.39	4.49	4.56
	Bacteroidia	7.31	5.28	5.55	3.83
	Flavobacteriia	2.23	2.24	2.24	3.56
	Deltaproteobacteria	5.59	4.50	4.78	1.85
	Sphingobacteriia	0.57	1.99	2.27	1.58
Order	Bacillales	2.87	3.65	3.51	12.70
	Actinomycetales	3.59	0.17	4.43	11.90
	Clostridiales	20.98	21.10	18.77	10.32
	Pseudomonadales	1.08	1.94	1.48	5.28

Rank	Taxon	Greengenes	SILVA	RDP	16S-UDb
	Enterobacteriales	0.94	2.32	1.36	4.98
	Lactobacillales	1.60	2.80	1.86	4.79
	Bacteroidales	7.31	5.14	5.55	3.82
	Flavobacteriales	2.22	2.24	2.24	3.56
	Unclassified	8.96	6.53	23.69	3.46
	Burkholderiales	1.99	3.11	2.39	2.97
Family	<i>Enterobacteriaceae</i>	0.94	2.32	1.36	4.97
	<i>Bacillaceae</i>	1.27	1.75	1.23	4.68
	<i>Flavobacteriaceae</i>	1.48	1.86	1.79	3.43
	<i>Pseudomonadaceae</i>	0.62	1.24	0.97	3.36
	<i>Lachnospiraceae</i>	5.78	11.06	7.47	3.30
	<i>Ruminococcaceae</i>	1.27	5.36	5.55	2.58
	<i>Rhodobacteraceae</i>	1.35	1.78	1.49	2.34
	<i>Lactobacillaceae</i>	0.48	0.74	0.50	2.10
	<i>Streptomycetaceae</i>	0.33	0.69	0.41	2.00
	<i>Moraxellaceae</i>	0.46	0.69	0.50	1.90
Genus	<i>Bacillus</i>	0.74	1.28	1.23	5.55
	<i>Pseudomonas</i>	0.49	1.20	0.70	3.27
	<i>Ruminococcus</i>	0.67	0.36	0.30	2.52
	<i>Lactobacillus</i>	0.46	0.72	0.46	1.92
	<i>Prevotella</i>	1.07	0.42	0.98	1.91
	<i>Streptomyces</i>	0.26	0.64	0.46	1.87
	<i>Faecalibacterium</i>	0.28	0.49	0.54	1.83
	<i>Paenibacillus</i>	0.38	0.47	0.32	1.51
	<i>Clostridium</i>	0.80	0.44	0.34	1.43
	<i>Acinetobacter</i>	0.24	0.46	0.23	1.30