

Table S1. Relative abundance of different classified bacterial genera.

	S1 (RNA)	S2 (RNA)	S3 (RNA)	S1 (DNA)	S2 (DNA)	S3 (DNA)
<i>Pseudomonas</i>	53.3	65.1	67.8	60.9	77.8	75.5
<i>Serratia</i>	4.9	0.7	0.2	9.4	0.5	0.1
<i>Janthinobacterium</i>	1.5	0.2	0.010	4.7	0.5	0.3
<i>Flavobacterium</i>	1.4	0.4	0.1	11.4	3.4	0.7
<i>Rahnella</i>	1.4	5.4	4.2	2.8	7.9	4.2
<i>Pantoea</i>	0.1	2.0	3.1	0.2	3.4	6.1
Other genera (<1% of abundance each)	0.5	0.5	1.8	1.9	1.0	5.7
Unclassified at the genus level	36.9	25.6	22.8	8.7	5.4	7.5

Table 2. Relative abundance of genera detected in analyzed RTE salad brands (DNA- and RNA-based approaches).

Genus	RNA			DNA		
	S1 (RNA)	S2 (RNA)	S3 (RNA)	S1 (DNA)	S2 (DNA)	S3 (DNA)
<i>Acidaminobacter</i>	0	0	0	0	0	0.00414662
<i>Acinetobacter</i>	0	0.00896392	0.07510327	0.00209565	0.03626827	0.46856859
<i>Aerococcus</i>	0.00126165	0	0	0	0	0
<i>Aeromonas</i>	0	0	0.03359883	0	0	0.07049262
<i>Alkanindiges</i>	0	0	0.00790561	0	0.00278987	0.07049262
<i>Allorhizobium</i>	0.00252331	0.00298797	0.01185841	0.01886081	0.0167392	0.09122574
<i>Aquipuribacter</i>	0	0	0.0019764	0	0	0
<i>Arcobacter</i>	0	0	0	0	0	0.00829325
<i>Arthrobacter</i>	0	0	0	0	0	0.01243987
<i>Bacillus</i>	0	0.00149399	0.02964603	0	0.0083696	0.08293249
<i>Bosea</i>	0	0	0	0	0	0.00414662
<i>Bradyrhizobium</i>	0	0	0	0	0	0.00414662
<i>Brevundimonas</i>	0	0.00448196	0.01778762	0	0	0.033173
<i>Buchnera</i>	0	0	0	0	0	0.02487975
<i>Burkholderia</i>	0	0	0	0	0.00278987	0
<i>Caulobacter</i>	0	0	0	0	0	0.00829325
<i>Cavicella</i>	0	0	0	0	0	0.00414662
<i>Chryseobacterium</i>	0.00126165	0.00298797	0.01185841	0.00419129	0.04184801	0.16171836
<i>Clostridium</i>	0	0	0	0	0.00557973	0.00414662
<i>Conexibacter</i>	0	0	0.0039528	0	0	0
<i>Curtobacterium</i>	0.00504662	0.11802495	0.93879084	0	0.03626827	0.21562448
<i>Cutibacterium</i>	0	0	0	0.01047823	0	0
<i>Devosia</i>	0	0	0.0039528	0	0	0
<i>Domibacillus</i>	0	0	0	0	0	0.00414662
<i>Duganella</i>	0.02397144	0.07320535	0.0039528	0.15088646	0.20645017	0.07463924
<i>Dyadobacter</i>	0.00126165	0.00149399	0	0.01886081	0.0083696	0.00414662
<i>Empedobacter</i>	0	0	0	0.00209565	0	0
<i>Enterobacter</i>	0	0.00149399	0.02766962	0.00628694	0.00278987	0.0497595
<i>Flavobacterium</i>	1.4	0.4	0.1	11.4	3.4	0.7
<i>Hafnia-</i>	0	0	0.00592921	0	0	0.00414662
<i>Obesumbacterium</i>	0	0	0	0	0	0.02073312
<i>Herbaspirillum</i>	0	0	0	0	0	0.02073312
<i>Herminiimonas</i>	0.00126165	0	0	0.00838258	0.00278987	0
<i>Hydrogenophaga</i>	0	0	0	0	0	0.00414662
<i>Iamia</i>	0	0	0.0019764	0	0	0
<i>Janthinobacterium</i>	1.484	0.191	0.010	4.665	0.513	0.332
<i>Kaistia</i>	0	0	0	0	0	0.00414662
<i>Kosakonia</i>	0	0	0.01185841	0	0	0.01243987

<i>Lachnospiraceae</i>	0.00126165	0	0	0	0.00278987	0
<i>NK4A136 group</i>						
<i>Lachnospiraceae</i>	0	0.00149399	0	0	0	0
<i>UCG-006</i>						
<i>Lactococcus</i>	0.00126165	0	0.02174042	0.00838258	0.05300748	0.27782385
<i>Leuconostoc</i>	0	0	0.0019764	0.01047823	0.08369602	0.02487975
<i>Luteibacter</i>	0.00252331	0.00448196	0.00988201	0.00209565	0.00557973	0
<i>Luteolibacter</i>	0	0	0	0.05239113	0	0
<i>Massilia</i>	0.00504662	0.00448196	0.0039528	0	0.01115947	0.05805275
<i>Methylobacterium</i>	0.00126165	0	0.0019764	0	0.0083696	0.033173
<i>Methylophaga</i>	0	0	0	0	0	0.00414662
<i>Methylothermus</i>	0	0	0	0.01047823	0.02231894	0.02073312
<i>Microbacterium</i>	0	0	0.0039528	0	0	0.02073312
<i>Microvirga</i>	0	0	0	0	0	0.00414662
<i>Mucilaginibacter</i>	0.01261655	0	0	0.05239113	0.00278987	0.00829325
<i>MWH-UniP1</i>						
<i>aquatic group</i>	0	0	0.0019764	0	0	0
<i>(Burkholderiaceae)</i>						
<i>Nocardioides</i>	0	0	0.0019764	0	0	0.00414662
<i>Novosphingobium</i>	0.00126165	0	0.0019764	0.00628694	0.00278987	0.0165865
<i>Oscillibacter</i>	0.00252331	0	0	0	0	0
<i>Paenarthrobacter</i>	0	0	0	0	0	0.00414662
<i>Pantoea</i>	0.1	2.0	3.1	0.2	3.4	6.1
<i>Parafrigoribacterium</i>	0.00126165	0	0	0	0	0
<i>Patulibacter</i>	0	0	0	0.00209565	0	0
<i>Pectobacterium</i>	0	0	0.0039528	0	0	0.00414662
<i>Pedobacter</i>	0.29270385	0.02091581	0.01581121	1.435517	0.15623256	0.32758335
<i>Pigmentiphaga</i>	0.00126165	0	0	0	0	0
<i>Pseudarthrobacter</i>	0	0	0.00988201	0	0	0
<i>Pseudofulvibacter</i>	0	0	0.0019764	0	0	0
<i>Pseudomonas</i>	53.2922875	65.1497722	67.8241793	60.9476508	77.8093963	75.4519821
<i>Pseudonocardia</i>	0	0	0	0	0	0.00414662
<i>Pseudorhododermis</i>	0	0.00149399	0	0	0	0
<i>Psychrobacter</i>	0	0	0.0039528	0	0	0.00829325
<i>Rahnella</i>	1.4	5.4	4.2	2.8	7.9	4.2
<i>Rheinheimera</i>	0.00126165	0.00597595	0.00790561	0.00209565	0.03905814	0.033173
<i>Rhodanobacter</i>	0	0	0.0039528	0	0	0.00414662
<i>Rhodococcus</i>	0	0.00149399	0.0019764	0	0.00278987	0.00829325
<i>Rhododermis</i>	0.00252331	0	0	0	0.00278987	0
<i>Sanguibacter</i>	0	0	0.01581121	0	0	0
<i>Serratia</i>	4.9	0.7	0.2	9.4	0.5	0.1
<i>Shewanella</i>	0	0	0.31029508	0	0.00278987	3.06020899
<i>Sphingobacterium</i>	0.01009324	0	0	0.064965	0	0.00829325
<i>Sphingobium</i>	0.00504662	0.02539777	0.0039528	0.00628694	0.03626827	0
<i>Sphingomonas</i>	0.0277564	0.20467618	0.15613574	0.01886081	0.22876911	0.21147786
<i>Stenotrophomonas</i>	0.01261655	0.00896392	0.01383481	0.01676516	0.00557973	0.0497595
<i>Streptococcus</i>	0	0	0.0019764	0	0	0
<i>Streptomyces</i>	0	0	0	0	0	0.00414662
<i>Unclassified at genus level</i>	36.9122267	25.6487637	22.825464	8.65291923	5.38165383	7.49295074
<i>Variovorax</i>	0.05929776	0.00149399	0.00988201	0.00838258	0	0.00414662
<i>Verticillium</i>	0.00126165	0	0	0	0	0
<i>Xanthomonas</i>	0	0.00149399	0.0019764	0	0.00557973	0
<i>Yersinia</i>	0	0.00149399	0	0	0.00278987	0
TOTAL	100	100	100	100	100	100