

Table 2. Characterization of representative OTUs for bacterial isolates

Classification						Characteristics	
OTU ¹	# of isolates ²	Phylum ³	Family ³	Best Blast Match	% ID ⁴	Hemolysis	Growth with blood as sole nutrient source
Insectary							
1	30	Proteobacteria	Enterobacteriaceae	<i>Cedecea neteri</i>	99.58	Gamma	No
3	23	Proteobacteria	Acetobacteraceae	<i>Asaia bogorensis</i>	99.59	Gamma	No
6	9	Proteobacteria	Yersiniaceae	<i>Serratia sp.</i>	99.58	Gamma	No
7	9	Proteobacteria	Yersiniaceae	<i>Serratia marcescens</i>	100	Gamma	No
8	7	Proteobacteria	Acetobacteraceae	<i>Asaia sp.</i>	99.17	NA	NA
10	4	Proteobacteria	Pseudomonadaceae	<i>Pseudomonas sp.</i>	99.17	Gamma	No
13	1	Proteobacteria	Enterobacteriaceae	<i>Klebsiella sp.</i>	99.58	Gamma	No
16	1	Proteobacteria	Xanthomonadaceae	<i>Pseudoxanthomonas sp.</i>	99.55	Gamma	No
18	1	Firmicutes	Staphylococcaceae	<i>Staphylococcus sp.</i>	99.59	Gamma	No
19	1	Firmicutes	Bacillaceae	<i>Bacillus sp.</i>	99.58	Gamma	No
Environmental							
4	16	Proteobacteria	Xanthomonadaceae	<i>Stenotrophomonas maltophilia</i>	100	Gamma	No
5	11	Bacteroidetes	Weeksellaceae	<i>Chryseobacterium sp.</i>	99.12	Alpha	Yes
9	4	Proteobacteria	Comamonadaceae	<i>Delftia sp.</i>	99.58	Gamma	No
11	2	Proteobacteria	Aeromonadaceae	<i>Aeromonas hydrophila</i>	100	Beta	Yes
12	2	Proteobacteria	Burkholderiaceae	<i>Pandoraea sp.</i>	99.17	Gamma	No
14	1	Proteobacteria	Pseudomonadaceae	<i>Pseudomonas sp. NF117</i>	99.59	Alpha	Yes
15	1	Actinobacteria	Microbacteriaceae	<i>Leucobacter luti</i>	99.58	Beta	Yes
17	1	Firmicutes	Bacillaceae	<i>Bacillus sp.</i>	99.16	Gamma	Yes
Insectary and Environmental							
2	27	Proteobacteria	Enterobacteriaceae	<i>Enterobacter sp.</i>	100	Gamma	No

¹OTU labels were randomly determined from the Mothur software package²Number of bacterial isolates assigned to the OTU³Taxonomic classification by comparison to the SILVA database⁴Sequence similarity to the best match in NCBI Genbank